

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116607.D
 Acq On : 28 Aug 2019 10:22
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 11:33:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130618	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	537085	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296493	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	512135	20.00	ng	0.00
76) Chrysene-d12	14.01	240	272255	20.00	ng	0.00
87) Perylene-d12	15.47	264	244666	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	650165	72.73	ng	0.00
7) Phenol-d6	6.49	99	830926	75.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	776787	79.13	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	233968	91.90	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1466074	79.63	ng	0.00
79) Terphenyl-d14	12.96	244	1401302	96.14	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	136591	35.290	ng	100
3) Pyridine	3.39	79	380472	32.279	ng	100
4) n-Nitrosodimethylamine	3.33	42	142842	33.197	ng	100
6) Aniline	6.53	93	563374	37.964	ng	100
8) 2-Chlorophenol	6.65	128	354649	37.805	ng	100
9) Benzaldehyde	6.42	77	257228	35.123	ng	100
10) Phenol	6.50	94	467852	39.306	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	341152	37.643	ng	100
12) 1,3-Dichlorobenzene	6.81	146	401453	39.538	ng	100
13) 1,4-Dichlorobenzene	6.89	146	405201	41.464	ng	100
14) 1,2-Dichlorobenzene	7.04	146	379172	41.130	ng	100
15) Benzyl Alcohol	7.00	79	325867	36.736	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	455016	36.312	ng	100
17) 2-Methylphenol	7.12	107	298691	38.429	ng	100
18) Hexachloroethane	7.39	117	148023	38.838	ng	100
19) n-Nitroso-di-n-propylamine	7.28	70	261489	34.961	ng	100
20) 3+4-Methylphenols	7.27	107	376730	39.567	ng	100
22) Acetophenone	7.27	105	515448	38.380	ng	100
24) Nitrobenzene	7.45	77	390922	38.452	ng	100
25) Isophorone	7.69	82	694288	35.888	ng	100
26) 2-Nitrophenol	7.76	139	187404	50.465	ng	100
27) 2,4-Dimethylphenol	7.80	122	282956	36.518	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	442791	37.062	ng	100
29) 2,4-Dichlorophenol	8.00	162	296828	40.282	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	343871	41.453	ng	100
31) Naphthalene	8.17	128	1042230	40.114	ng	100
32) Benzoic acid	7.91	122	244425	49.344	ng	100
33) 4-Chloroaniline	8.22	127	463170	40.608	ng	100
34) Hexachlorobutadiene	8.29	225	195122	43.129	ng	100
35) Caprolactam	8.58	113	93529	36.439	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	316535	38.071	ng	100
37) 2-Methylnaphthalene	8.86	142	720357	40.380	ng	100
38) 1-Methylnaphthalene	8.96	142	677827	40.675	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	336361	42.166	ng	100

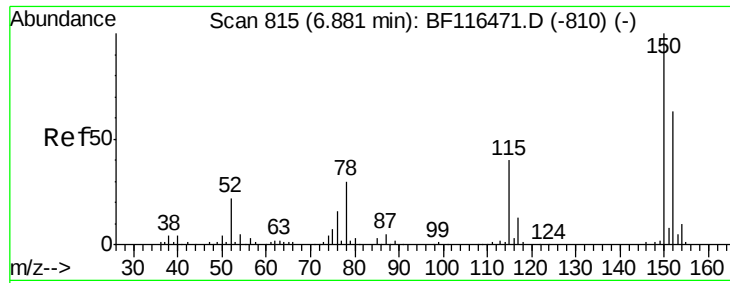
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	191910	44.715	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	236635	42.386	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	238204	41.933	ng	100
46) 1,1'-Biphenyl	9.33	154	940210	39.663	ng	100
47) 2-Chloronaphthalene	9.35	162	737813	40.148	ng	100
48) 2-Nitroaniline	9.44	65	227925	40.506	ng	100
49) Acenaphthylene	9.76	152	1069820	39.789	ng	100
50) Dimethylphthalate	9.62	163	820945	39.685	ng	100
51) 2,6-Dinitrotoluene	9.68	165	182934	43.204	ng	100
52) Acenaphthene	9.94	154	709657	41.133	ng	100
53) 3-Nitroaniline	9.85	138	214943	42.587	ng	100
54) 2,4-Dinitrophenol	9.95	184	88000	66.101	ng	100
55) Dibenzofuran	10.10	168	961183	39.966	ng	100
56) 4-Nitrophenol	10.00	139	162154	41.335	ng	100
57) 2,4-Dinitrotoluene	10.08	165	238373	44.243	ng	100
58) Fluorene	10.45	166	727112	38.914	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	197706	42.387	ng	100
60) Diethylphthalate	10.32	149	788084	38.761	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	371015	40.701	ng	100
62) 4-Nitroaniline	10.46	138	208566	42.252	ng	100
63) Azobenzene	10.60	77	791276	37.850	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	114263	61.070	ng	100
66) n-Nitrosodiphenylamine	10.56	169	655333	39.519	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	222237	41.391	ng	100
68) Hexachlorobenzene	11.00	284	251342	42.324	ng	100
69) Atrazine	11.08	200	194053	39.057	ng	100
70) Pentachlorophenol	11.19	266	153386	44.271	ng	100
71) Phenanthrene	11.41	178	1103094	39.539	ng	100
72) Anthracene	11.46	178	1111297	39.640	ng	100
73) Carbazole	11.61	167	982636	39.049	ng	100
74) Di-n-butylphthalate	11.94	149	1146967	36.782	ng	100
75) Fluoranthene	12.59	202	1065476	36.940	ng	100
77) Benzidine	12.70	184	477775	43.618	ng	100
78) Pyrene	12.82	202	1058587	48.620	ng	100
80) Butylbenzylphthalate	13.43	149	415401	44.178	ng	100
81) Benzo(a)anthracene	14.00	228	738365	41.874	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	252203	40.136	ng	100
83) Chrysene	14.04	228	724969	40.564	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	465808	37.151	ng	100
85) Di-n-octyl phthalate	14.60	149	703811	33.064	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	618019	40.368	ng	100
88) Benzo(b)fluoranthene	15.04	252	598010	39.566	ng	100
89) Benzo(k)fluoranthene	15.07	252	591349	43.187	ng	100
90) Benzo(a)pyrene	15.40	252	539793	40.409	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	505281	46.033	ng	100
92) Benzo(g,h,i)perylene	17.36	276	505240	48.282	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

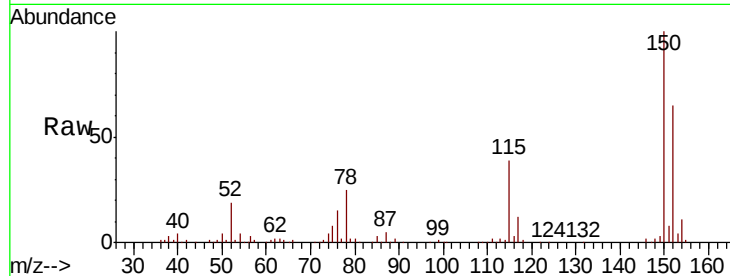


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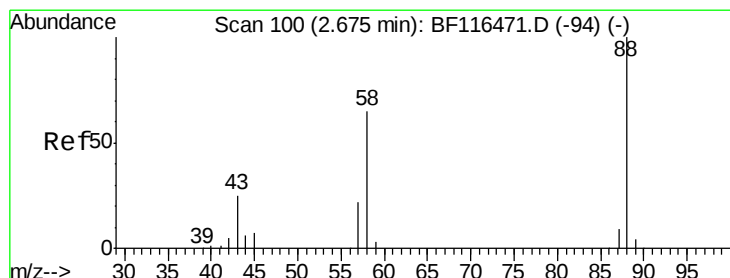
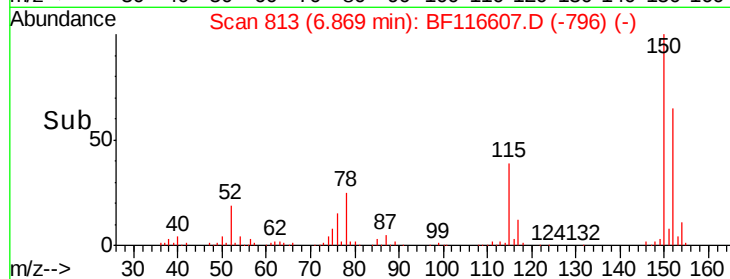
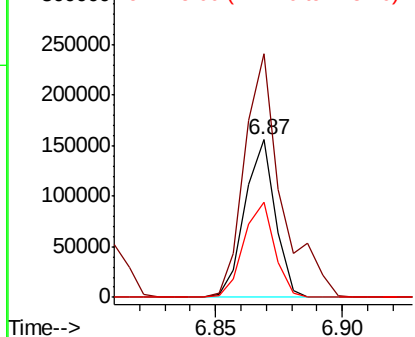
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130618
Ion Ratio Lower Upper
152 100
150 154.3 123.4 185.2
115 60.2 48.2 72.2



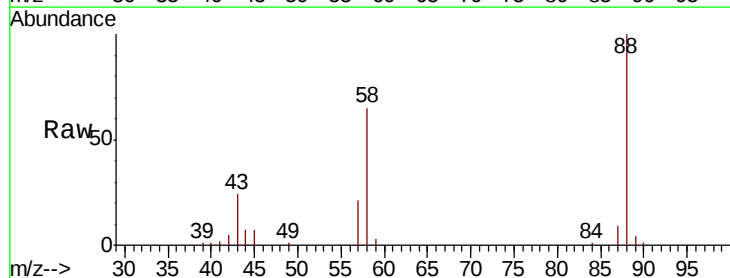
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



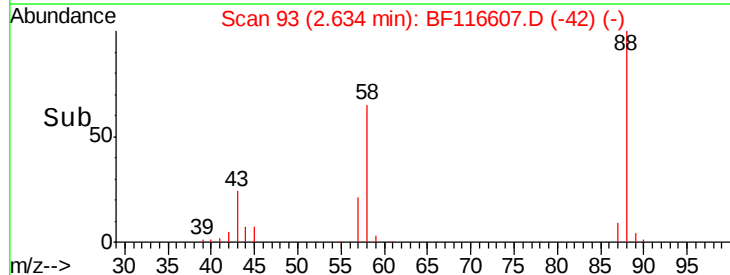
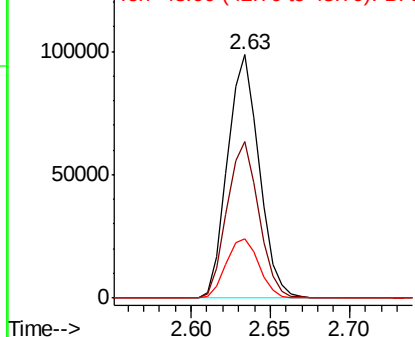
#2

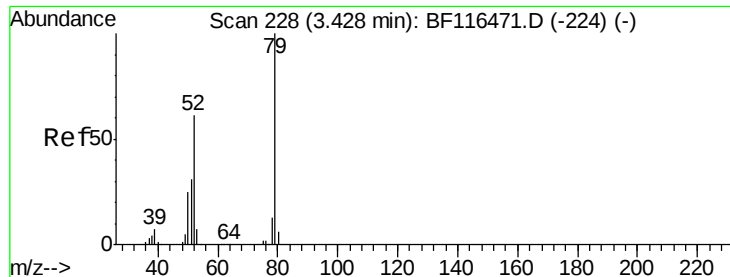
1,4-Dioxane
Concen: 35.290 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion: 88 Resp: 136591
Ion Ratio Lower Upper
88 100
58 64.8 51.8 77.8
43 25.2 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.279 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

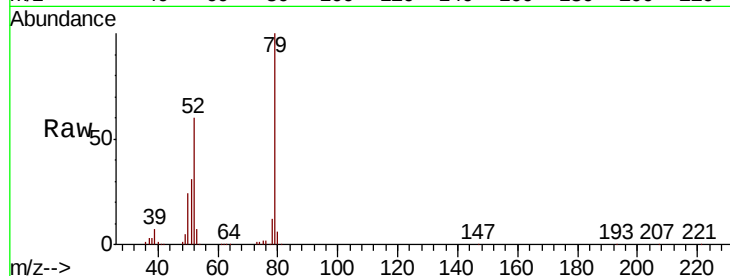
Tot Ion: 79 Resp: 380472

Ion Ratio Lower Upper

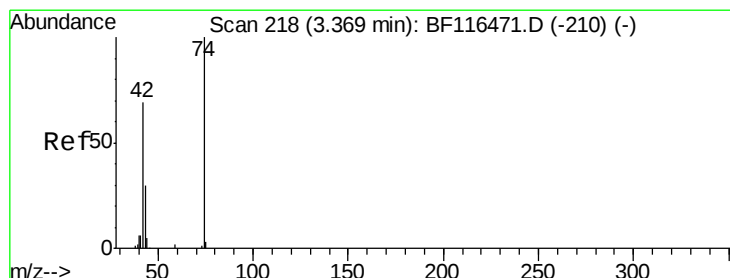
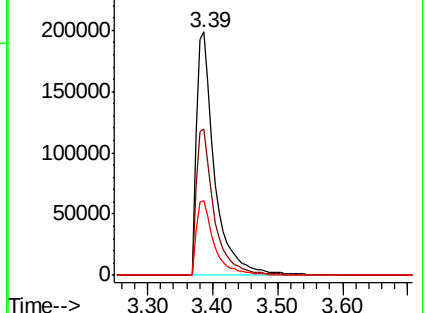
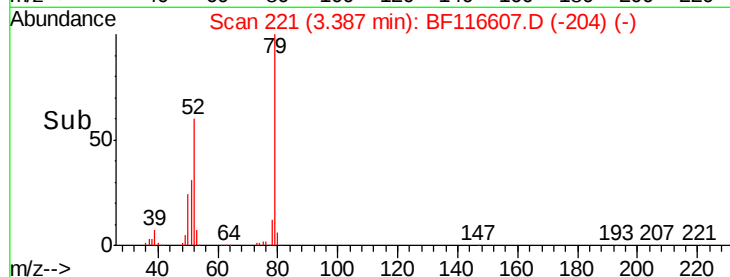
79 100

52 59.9 47.9 71.9

51 30.5 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.197 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

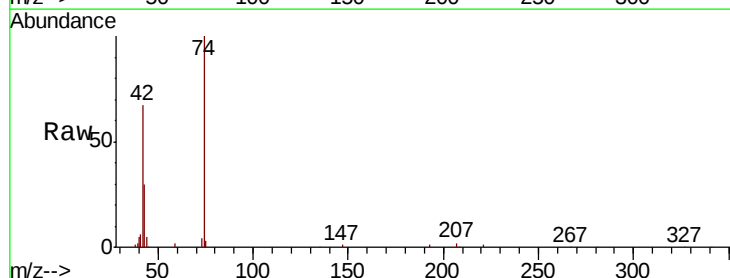
Tgt Ion: 42 Resp: 142842

Ion Ratio Lower Upper

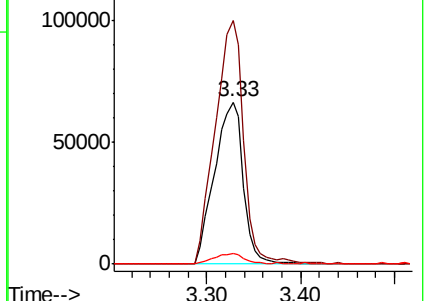
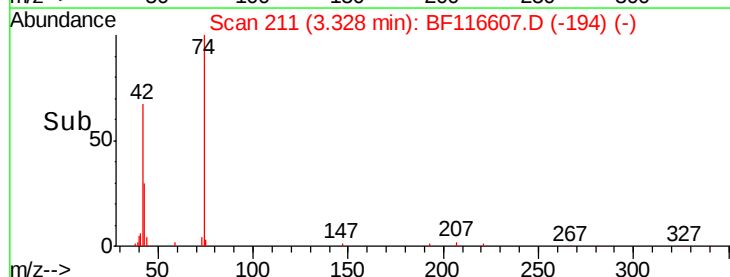
42 100

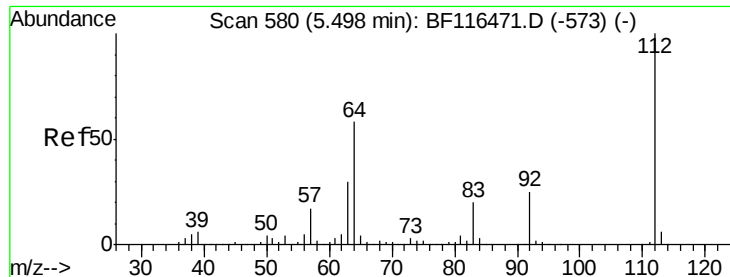
74 150.0 120.0 180.0

44 6.8 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.730 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

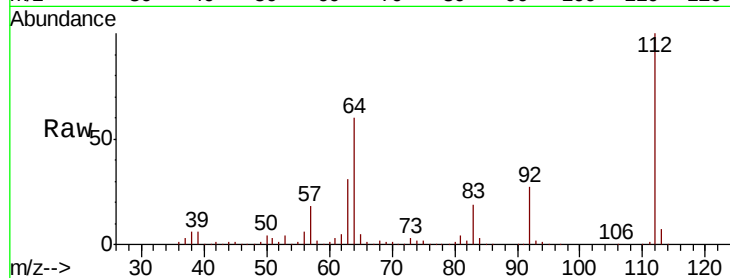
Tot Ion: 112 Resp: 650165

Ion Ratio Lower Upper

112 100

64 60.0 48.0 72.0

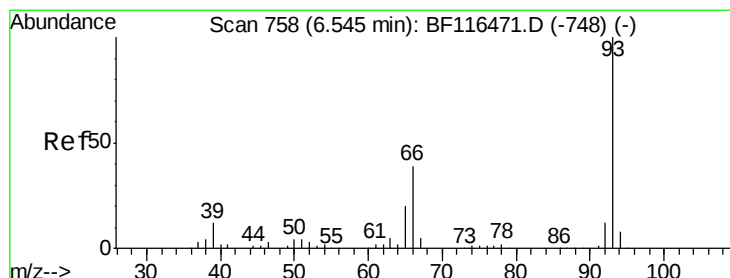
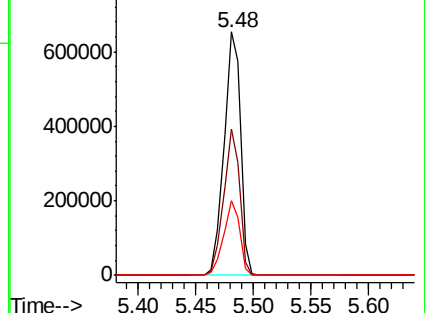
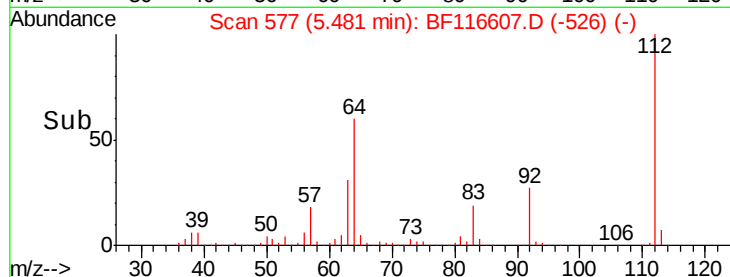
63 30.7 24.6 36.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.964 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

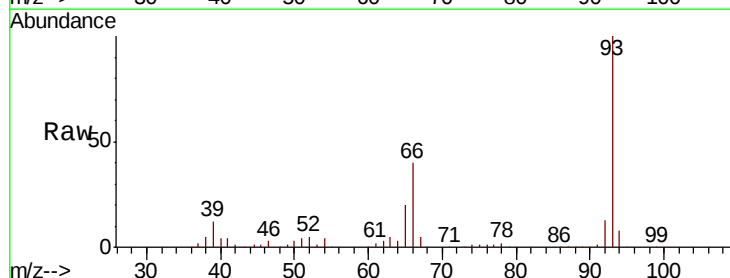
Tgt Ion: 93 Resp: 563374

Ion Ratio Lower Upper

93 100

66 40.1 32.1 48.1

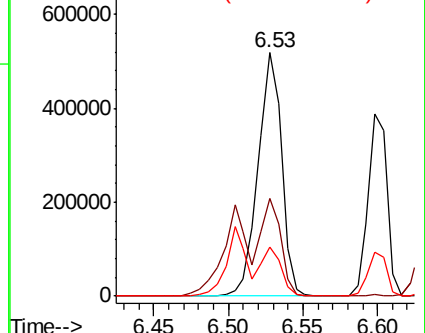
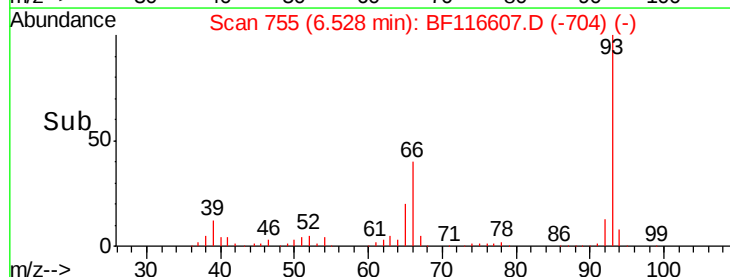
65 20.3 16.2 24.4

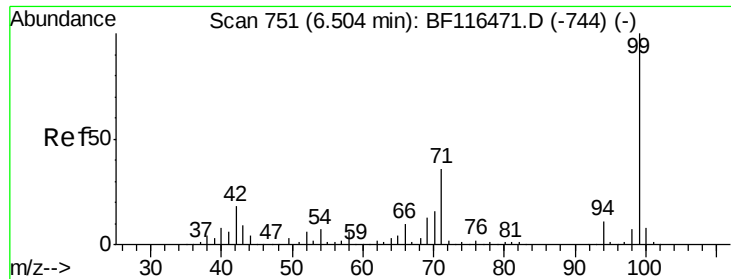


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.807 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampled :

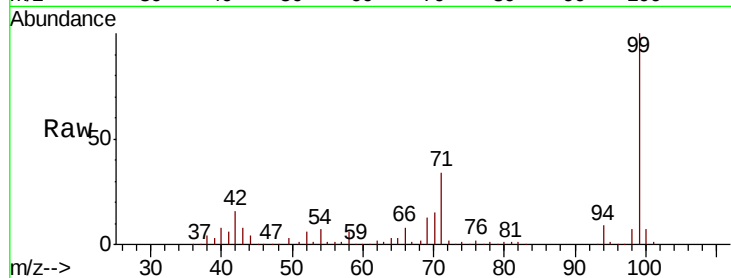
Tot Ion: 99 Resp: 830926

Ion Ratio Lower Upper

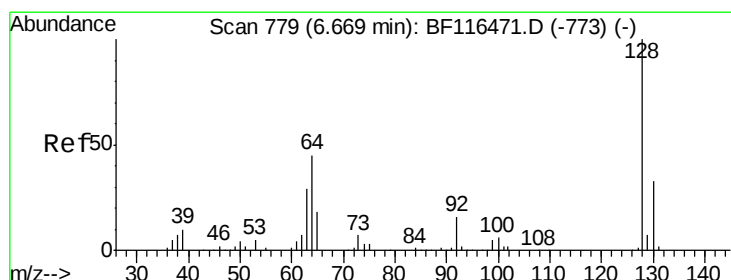
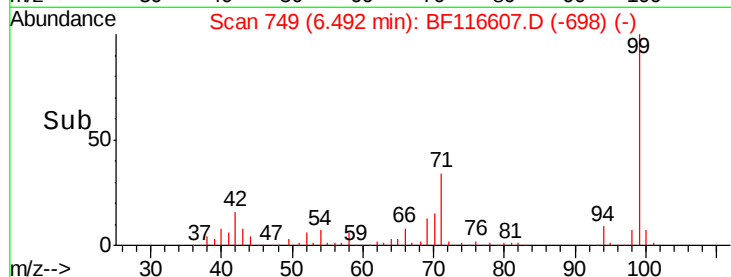
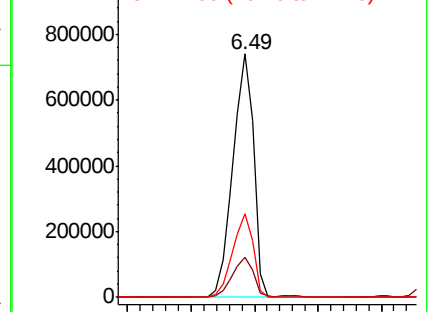
99 100

42 16.5 13.2 19.8

71 34.3 27.4 41.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.805 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

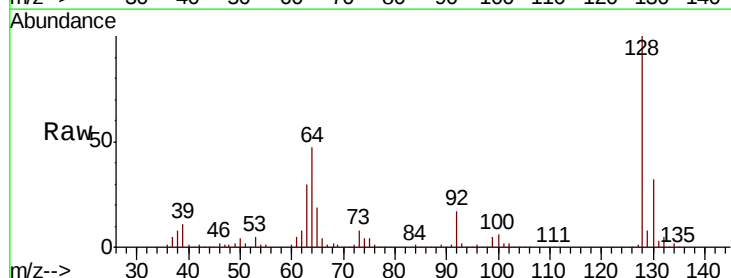
Tgt Ion: 128 Resp: 354649

Ion Ratio Lower Upper

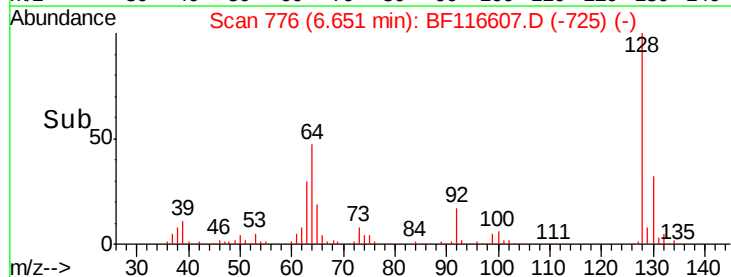
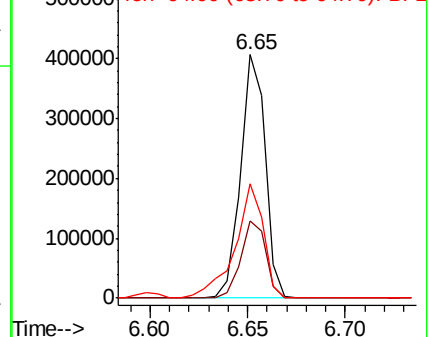
128 100

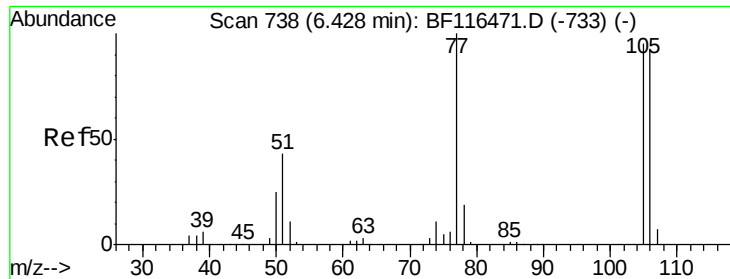
130 31.8 11.8 51.8

64 46.9 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.123 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

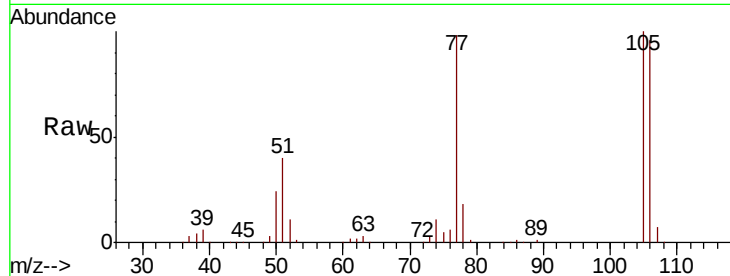
Tot Ion: 77 Resp: 257228

Ion Ratio Lower Upper

77 100

105 101.6 81.6 121.6

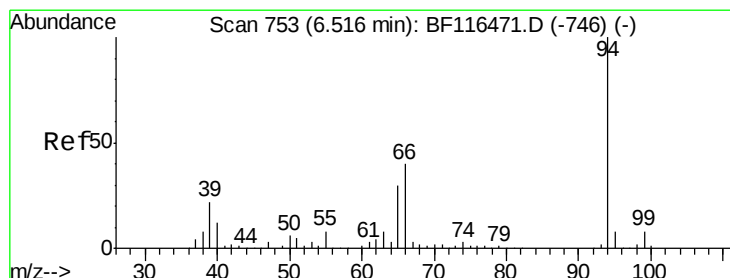
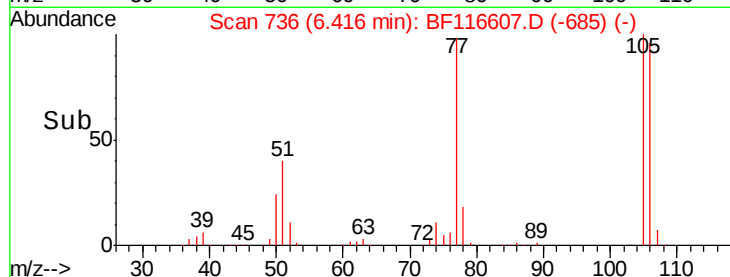
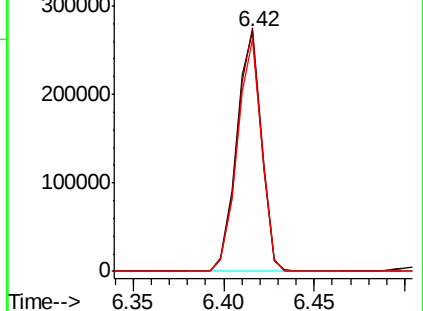
106 97.1 77.1 117.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.306 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

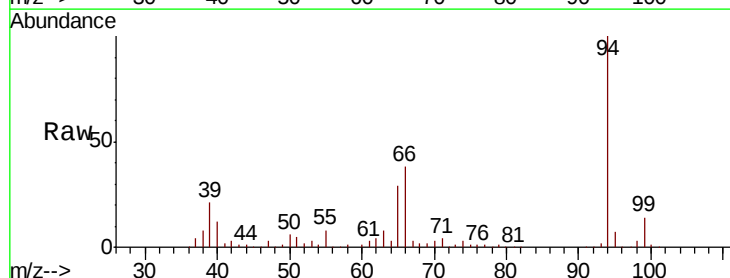
Tgt Ion: 94 Resp: 467852

Ion Ratio Lower Upper

94 100

65 28.6 8.6 48.6

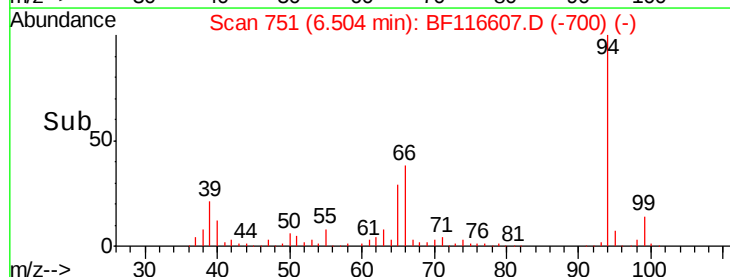
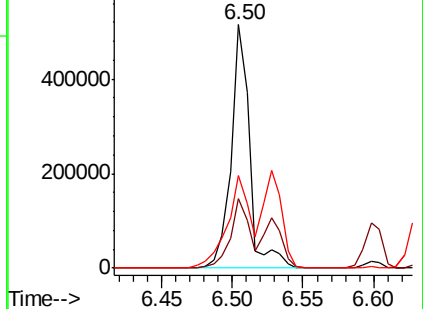
66 38.0 18.0 58.0

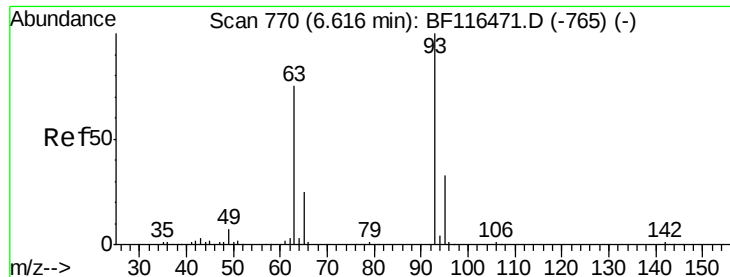


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

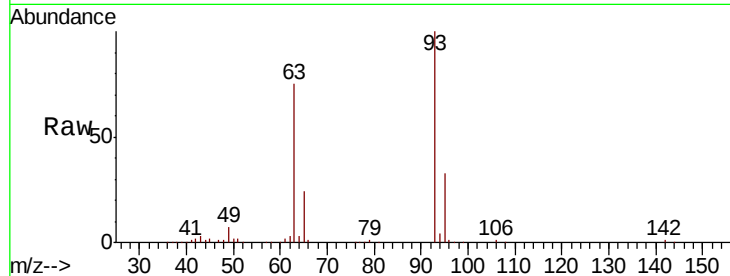




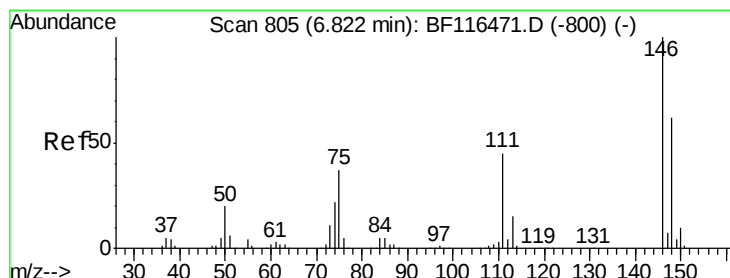
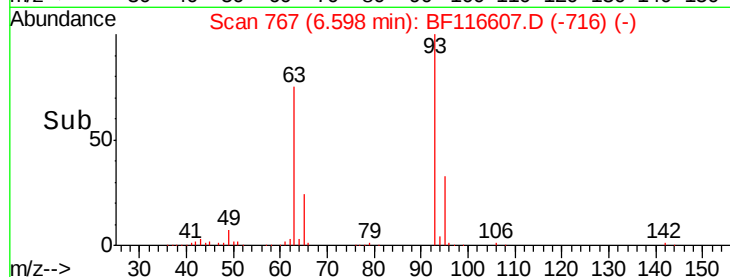
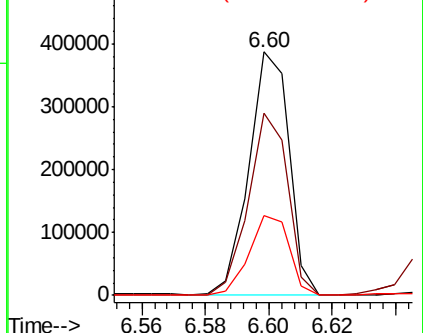
#11
bis(2-Chloroethyl)ether
Concen: 37.643 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 341152
Ion Ratio Lower Upper
93 100
63 74.7 54.7 94.7
95 32.7 12.7 52.7

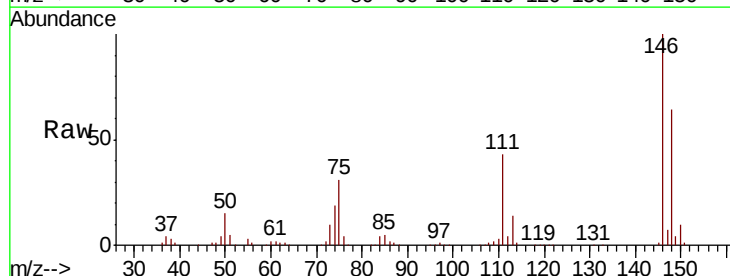


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

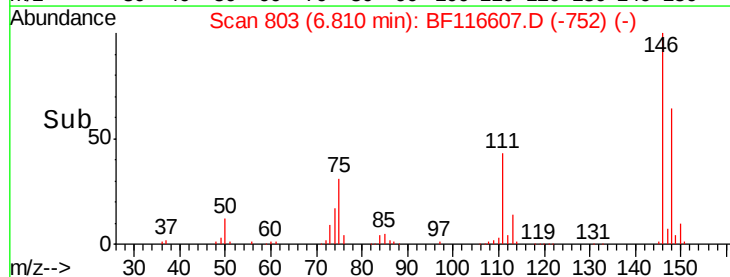
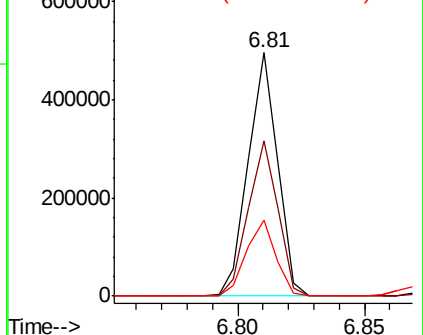


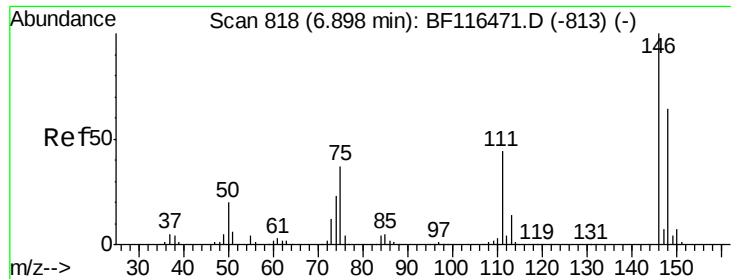
#12
1,3-Dichlorobenzene
Concen: 39.538 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion: 146 Resp: 401453
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 31.4 25.1 37.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

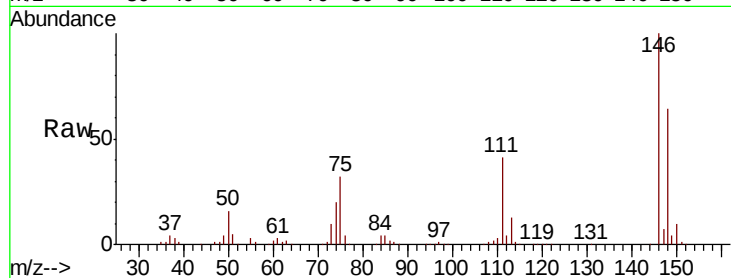




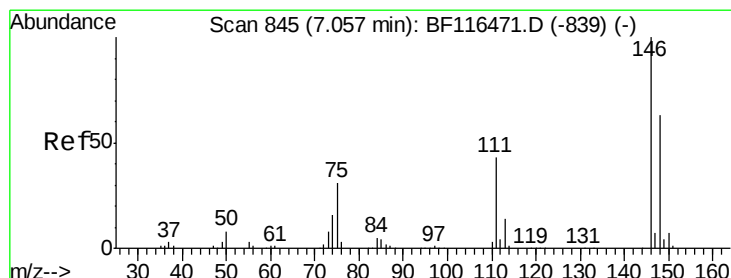
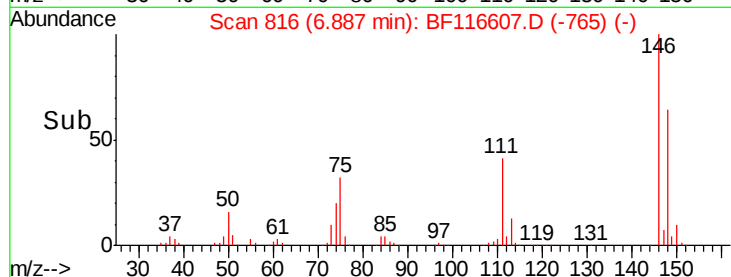
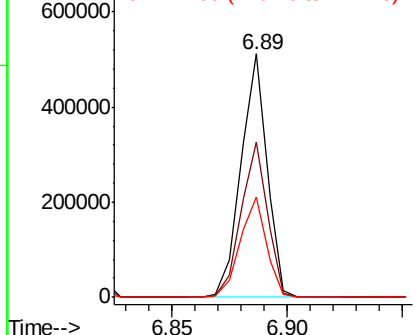
#13
 1,4-Dichlorobenzene
 Concen: 41.464 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 405201
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 41.4 33.1 49.7

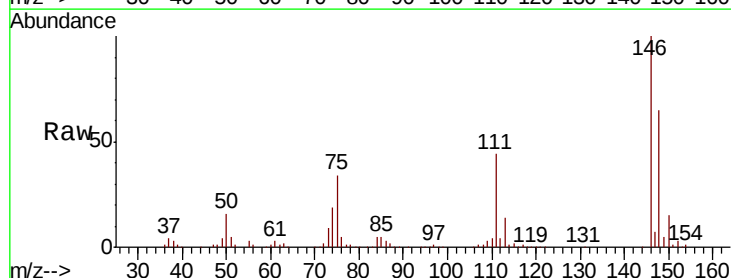


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

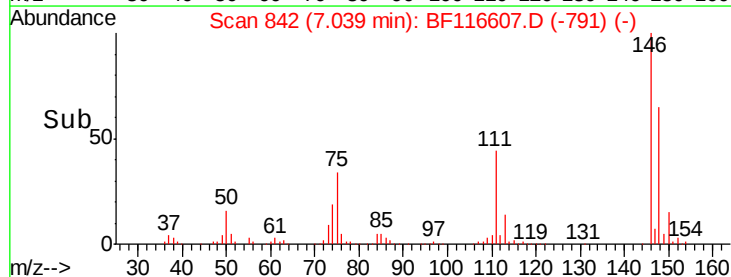
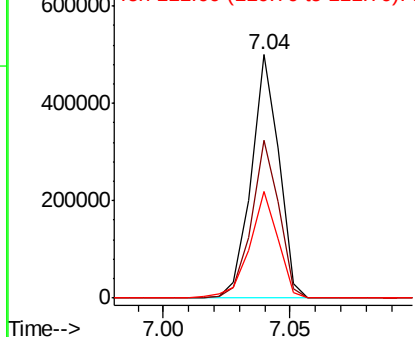


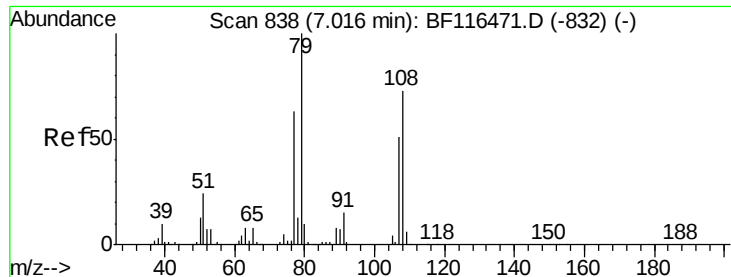
#14
 1,2-Dichlorobenzene
 Concen: 41.130 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion:146 Resp: 379172
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 43.6 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.736 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampled :

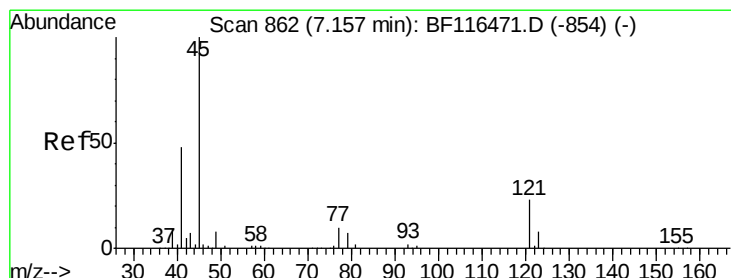
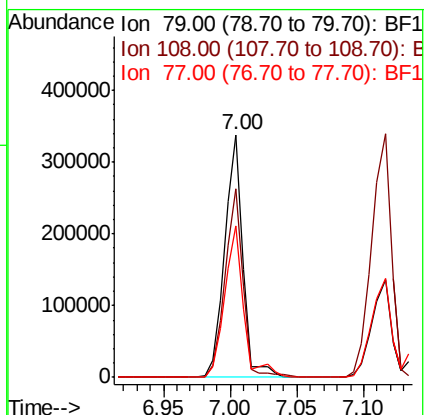
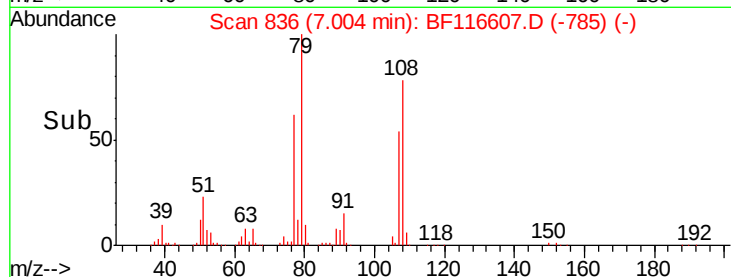
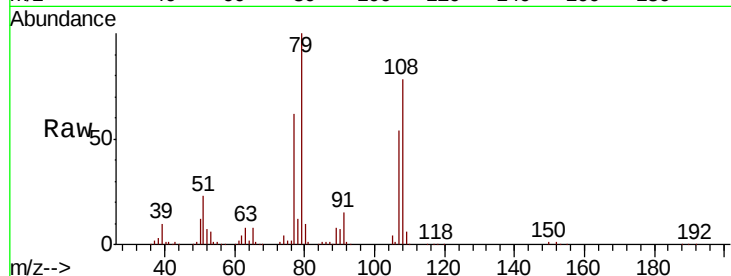
Tot Ion: 79 Resp: 325867

Ion Ratio Lower Upper

79 100

108 77.8 62.2 93.4

77 62.2 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.312 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

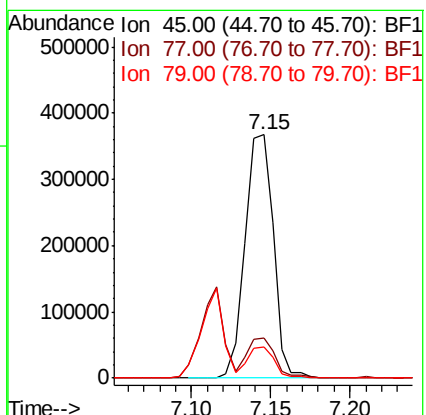
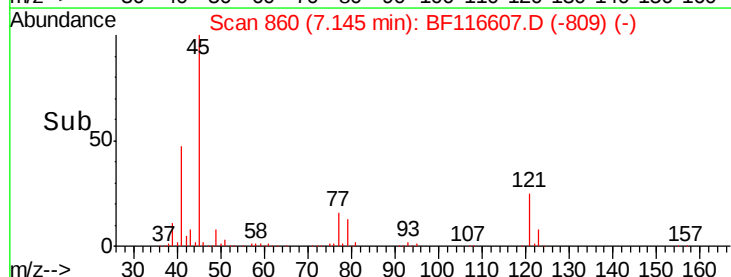
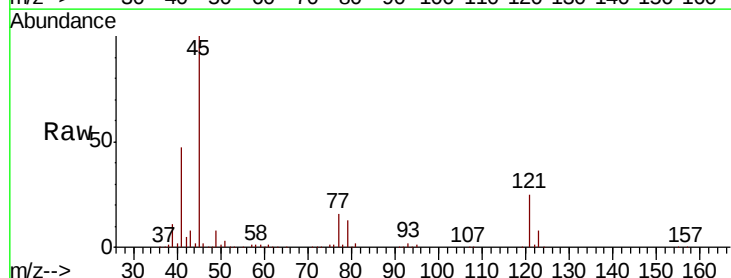
Tgt Ion: 45 Resp: 455016

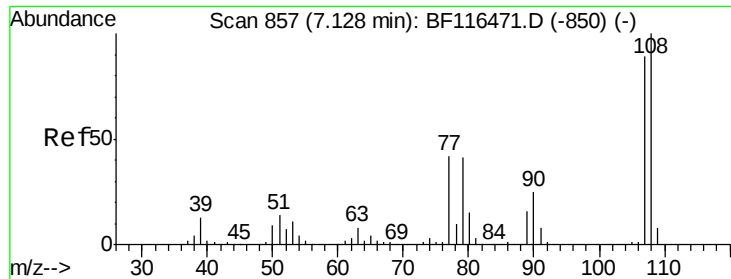
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

79 12.9 0.0 32.9

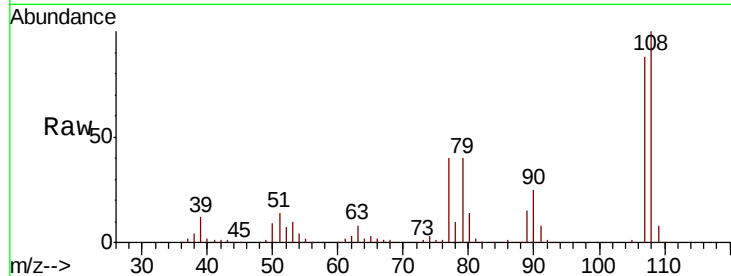




#17
2-Methylphenol
Concen: 38.429 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	298691
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	46.0	36.8	55.2
79	45.3	36.2	54.4



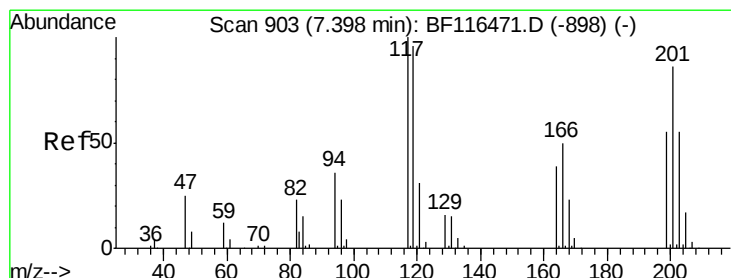
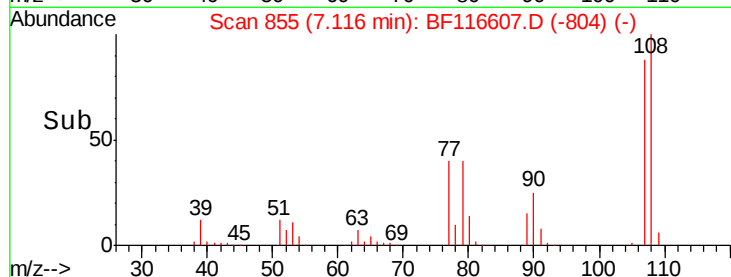
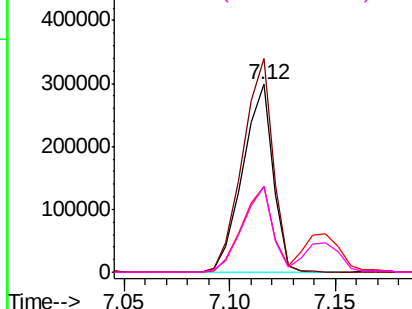
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

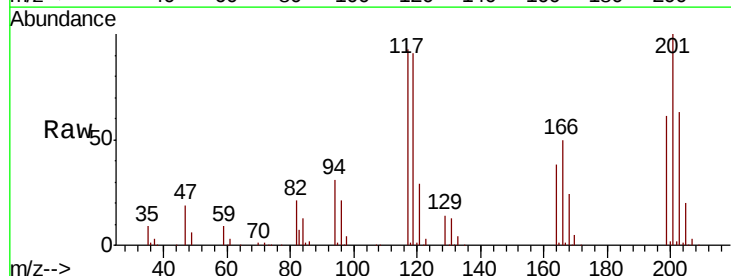
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.838 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:	117	Resp:	148023
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.6	118.0
201	107.7	86.2	129.2

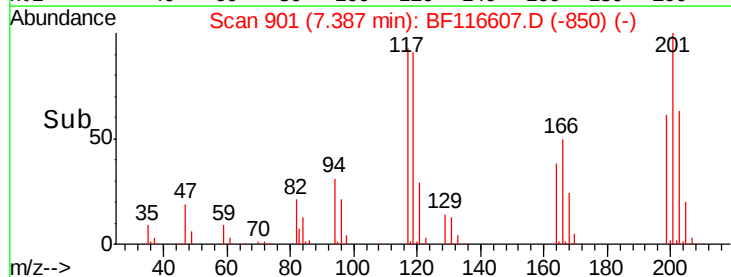
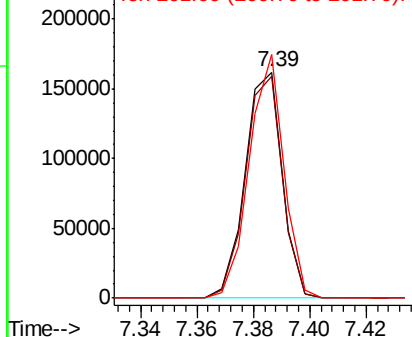


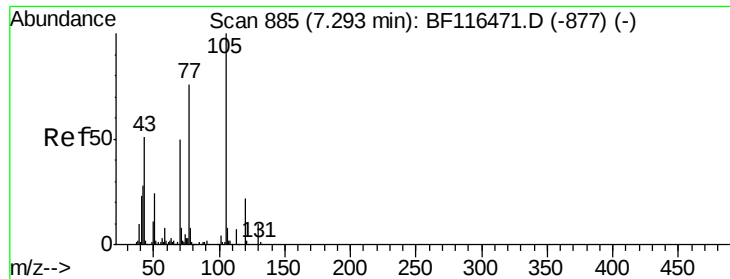
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

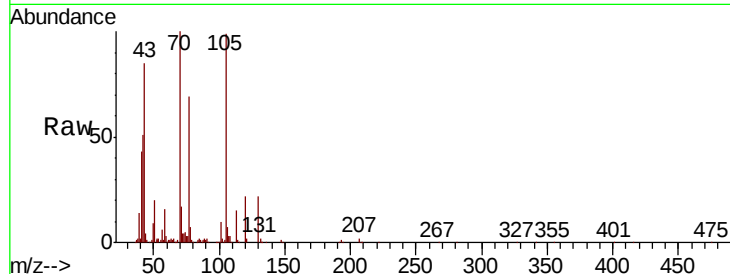




#19
n-Nitroso-di-n-propylamine
Concen: 34.961 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	261489
Ion	Ratio	Lower	Upper
70	100		
42	51.5	41.2	61.8
101	9.6	7.7	11.5
130	22.4	17.9	26.9



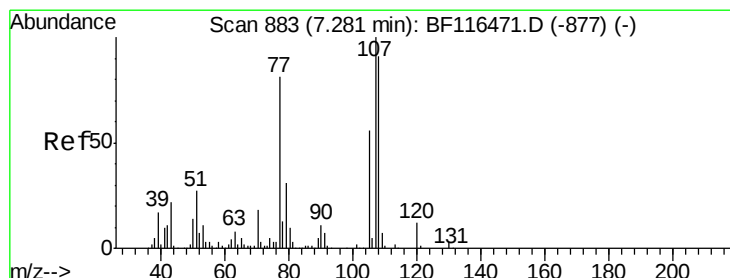
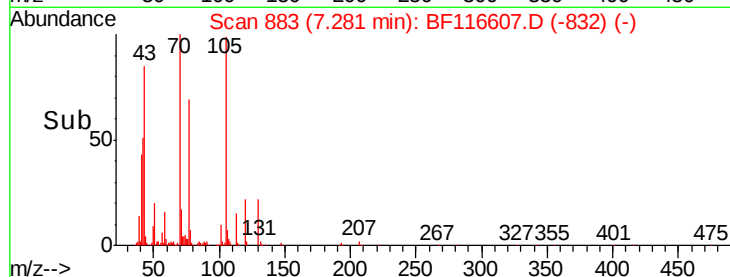
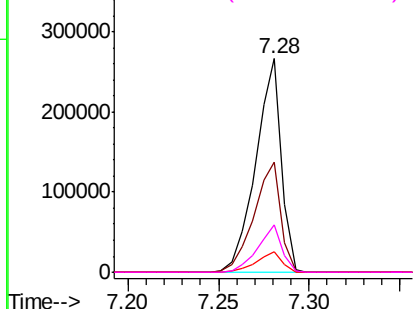
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

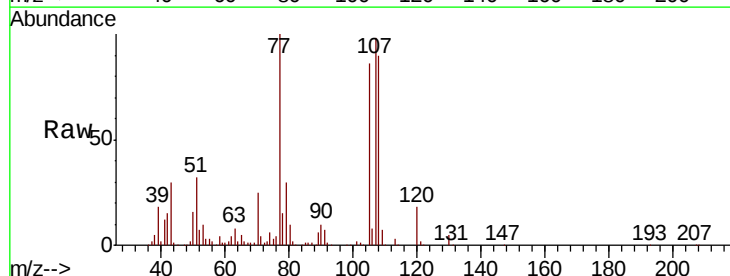
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.567 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:	107	Resp:	376730
Ion	Ratio	Lower	Upper
107	100		
108	92.6	72.6	112.6
77	102.4	82.4	122.4
79	30.6	10.6	50.6



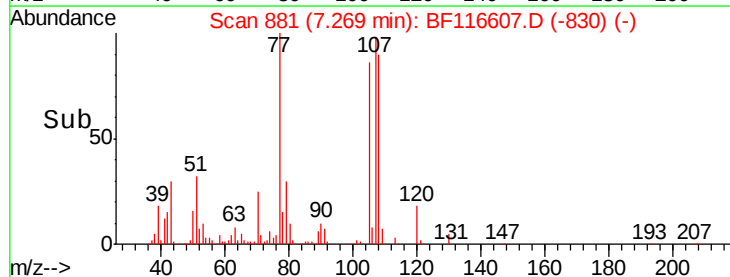
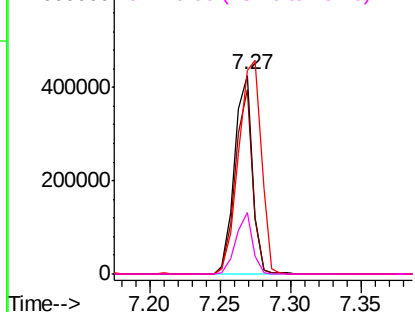
Abundance

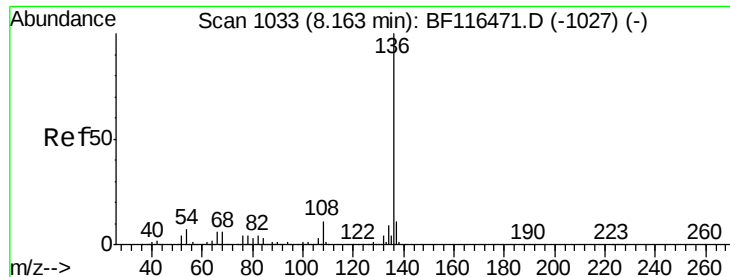
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

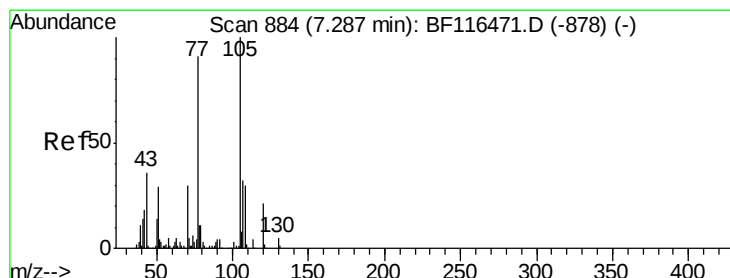
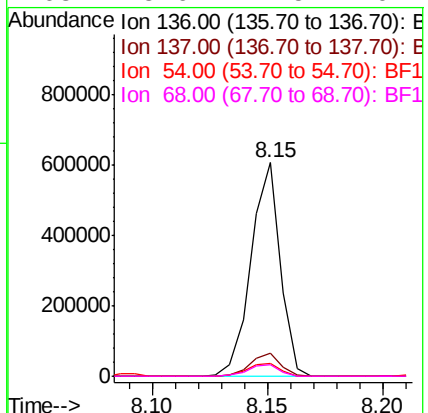
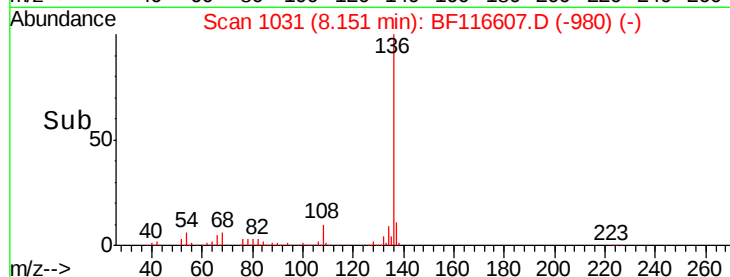
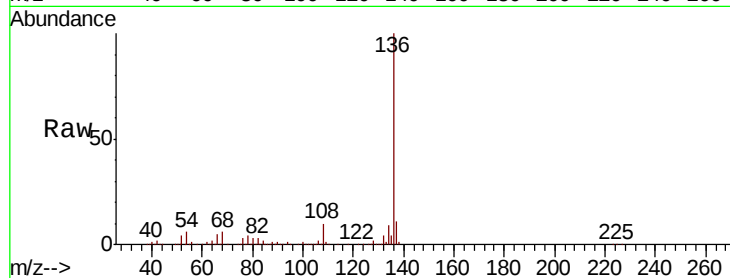




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

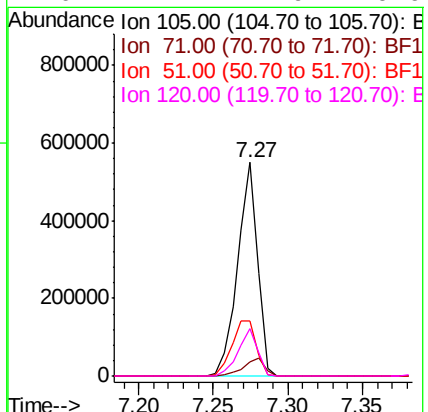
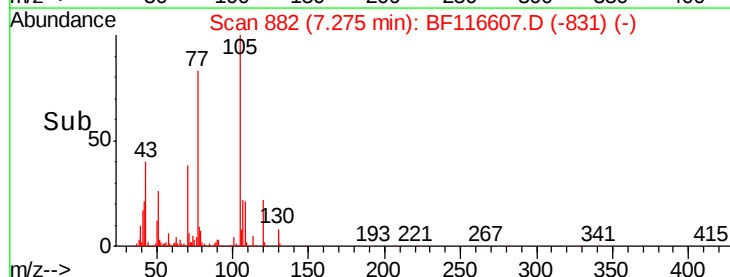
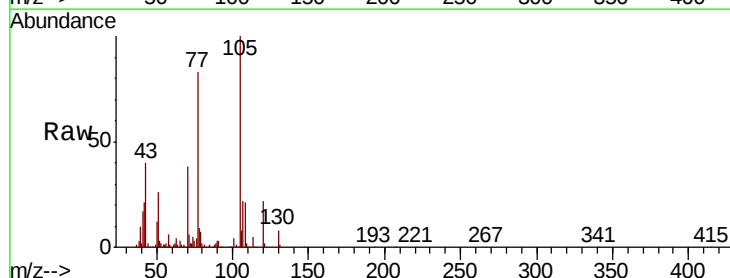
Instrument :
BNA_F
ClientSampleId :

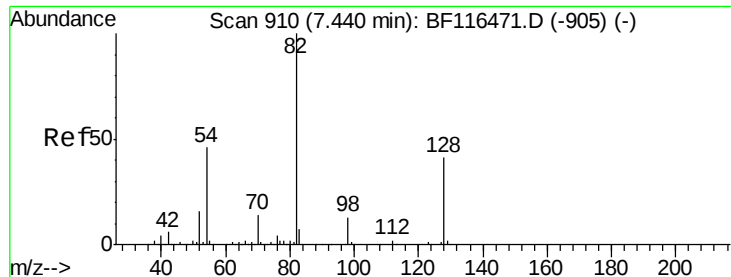
Tot Ion:136	Resp: 537085
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 6.2	5.0 7.4
68 5.6	4.5 6.7



#22
Acetophenone
Concen: 38.380 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt	Ion:105	Resp:	515448
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.0	7.6
51	25.9	20.7	31.1
120	22.4	17.9	26.9

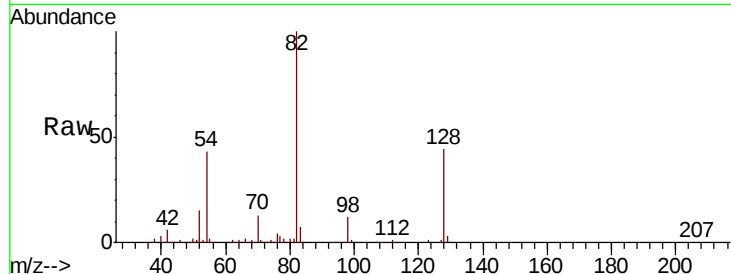




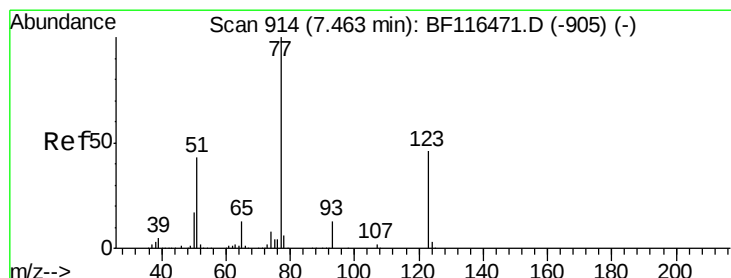
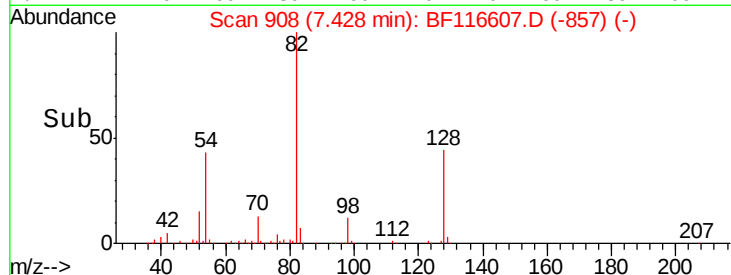
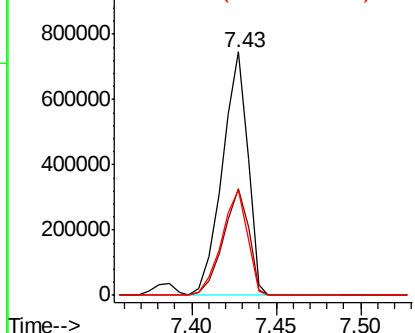
#23
 Nitrobenzene-d5
 Concen: 79.127 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	776787
Ion Ratio	100		
Lower			
Upper			
128	43.8	35.0	52.6
54	43.0	34.4	51.6

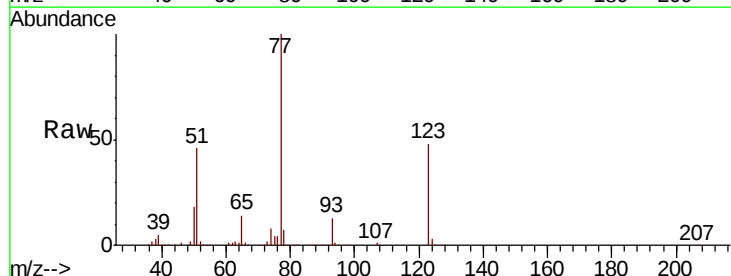


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

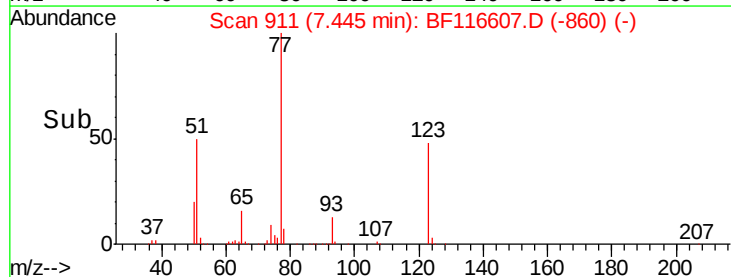
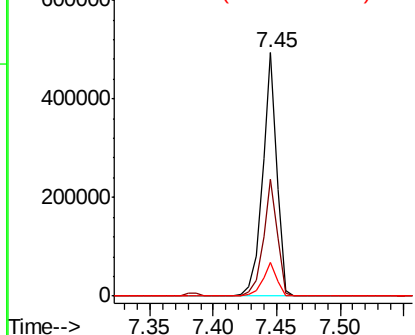


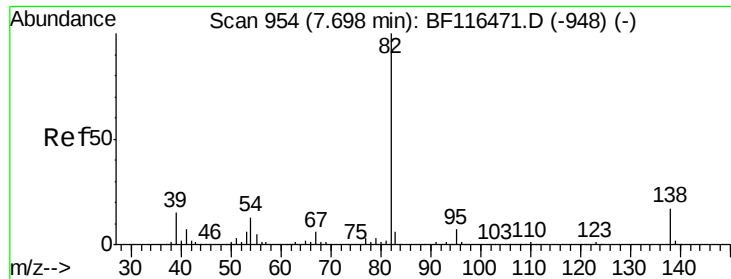
#24
 Nitrobenzene
 Concen: 38.452 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion	77	Resp	390922
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	47.8	38.2	57.4
65	13.8	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.888 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampled :

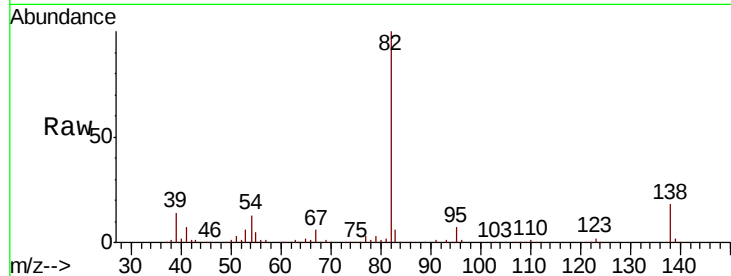
Tot Ion: 82 Resp: 694288

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

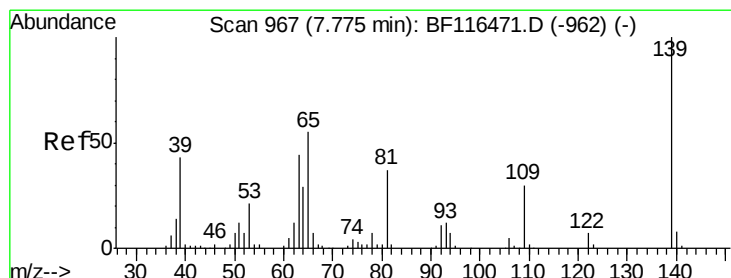
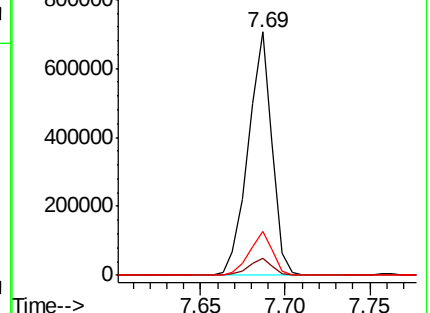
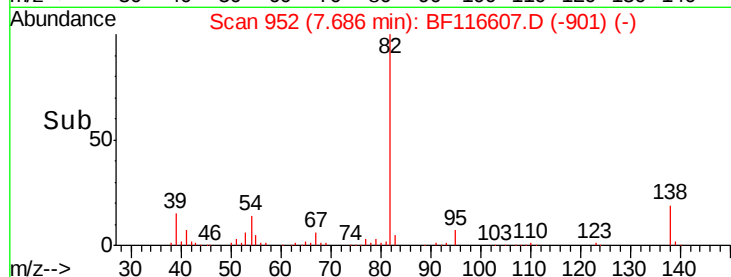
138 18.0 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.465 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

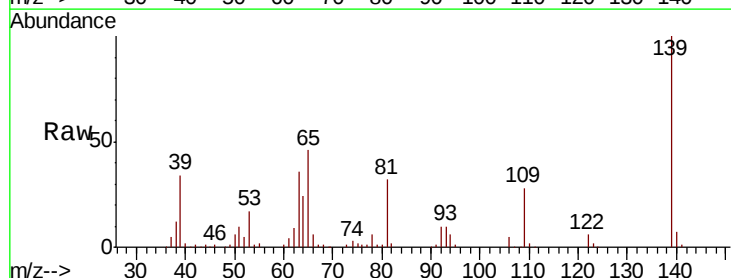
Tgt Ion: 139 Resp: 187404

Ion Ratio Lower Upper

139 100

109 28.0 22.4 33.6

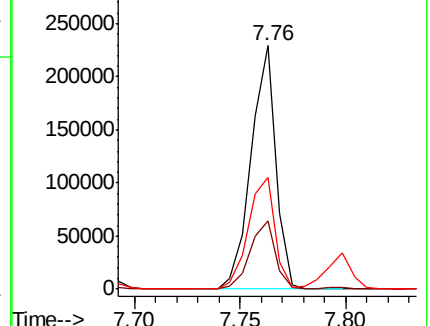
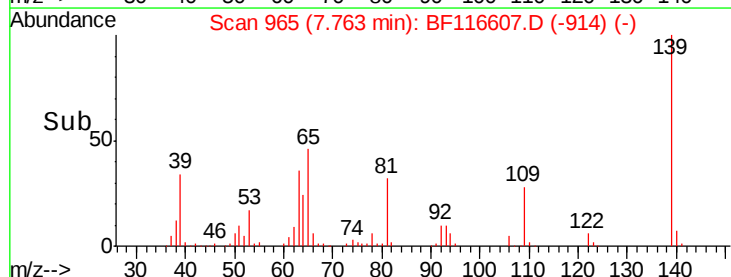
65 46.1 36.9 55.3

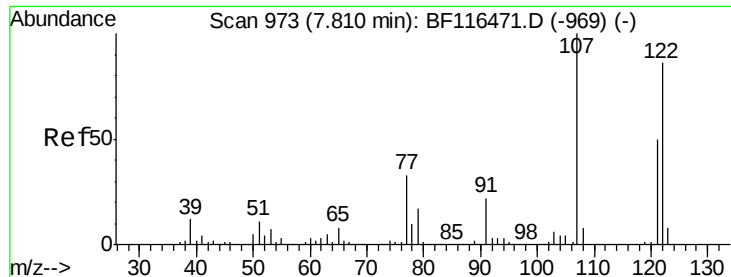


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.518 ng

RT: 7.80 min Scan# 971

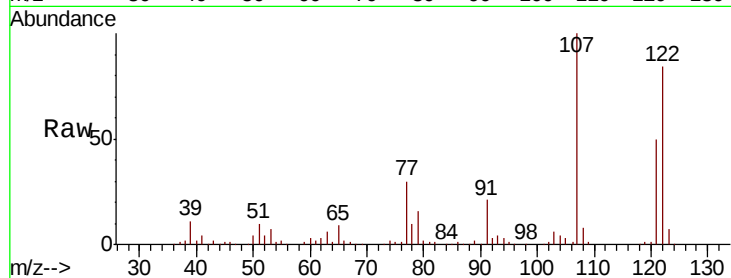
Delta R.T. 0.00 min

Lab File: BF116607.D

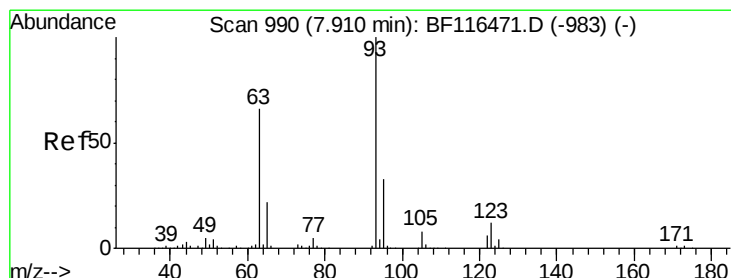
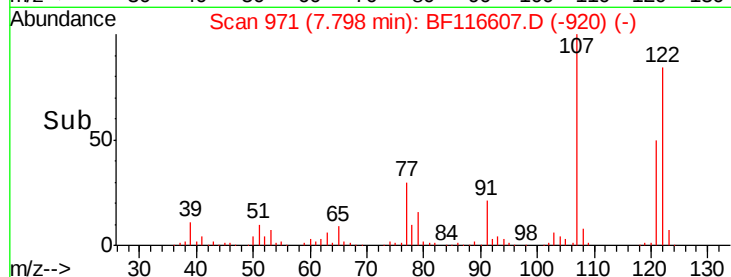
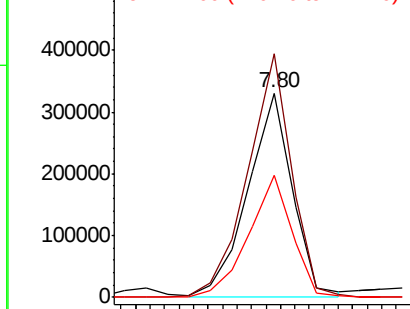
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:	122	Resp:	282956
Ion	Ratio	Lower	Upper
122	100		
107	119.2	95.4	143.0
121	59.8	47.8	71.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.062 ng

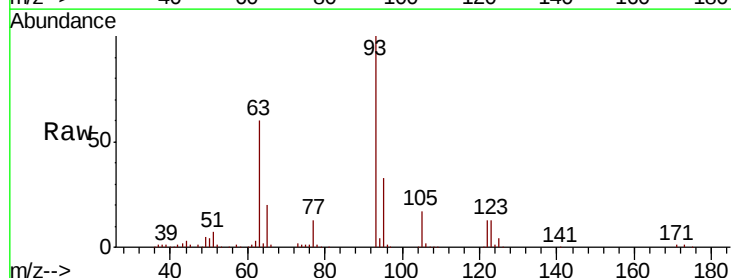
RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

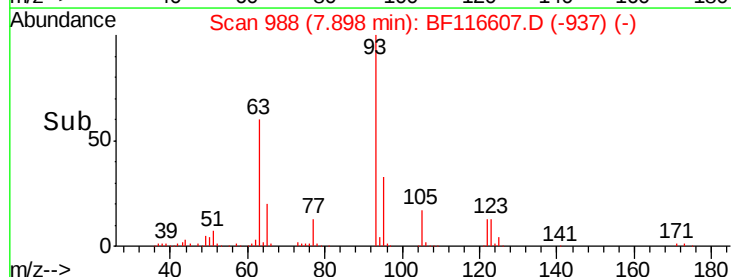
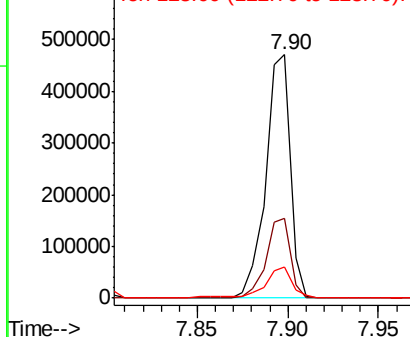
Lab File: BF116607.D

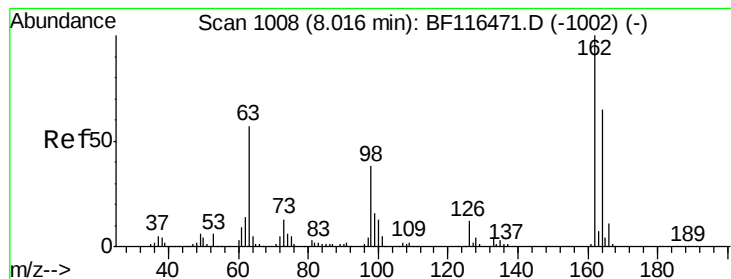
Acq: 28 Aug 2019 10:22

Tgt Ion:	93	Resp:	442791
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	13.0	10.4	15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.282 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

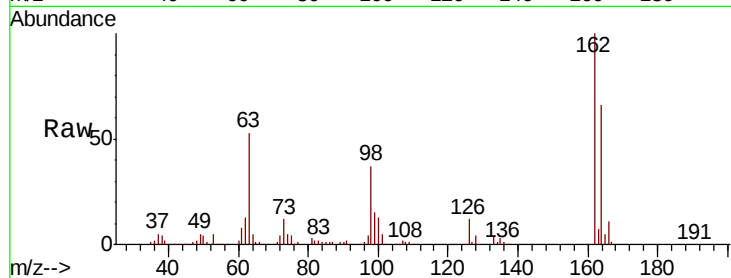
Tot Ion:162 Resp: 296828

Ion Ratio Lower Upper

162 100

164 65.9 45.9 85.9

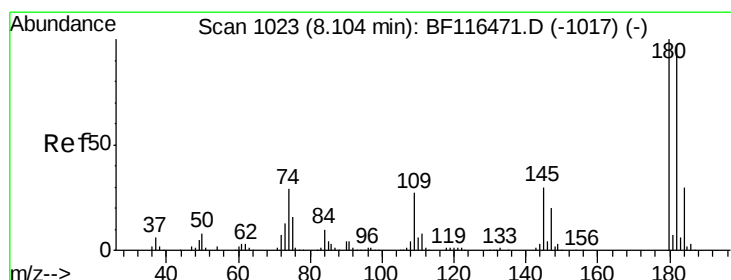
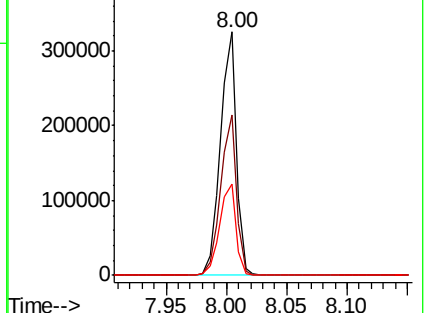
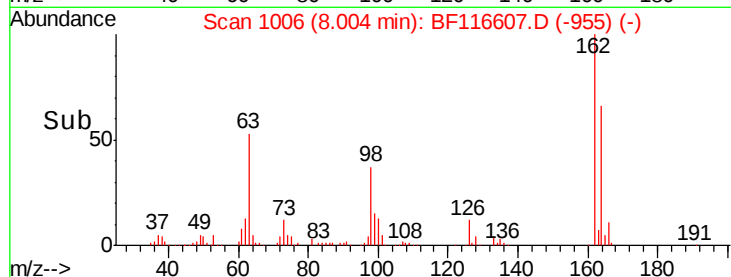
98 37.4 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.453 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

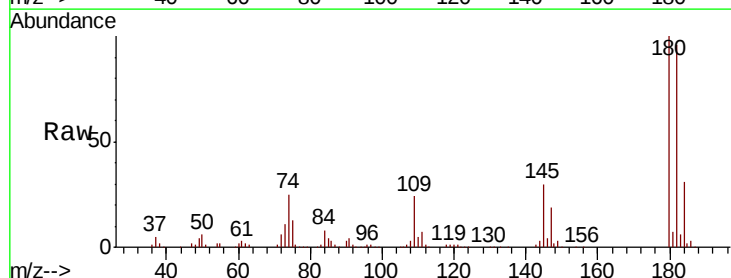
Tgt Ion:180 Resp: 343871

Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

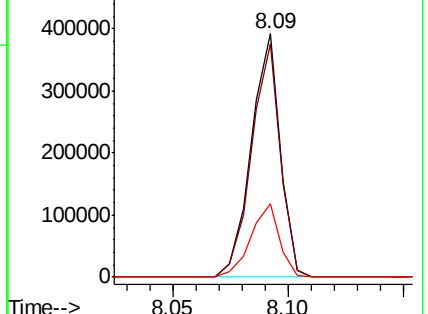
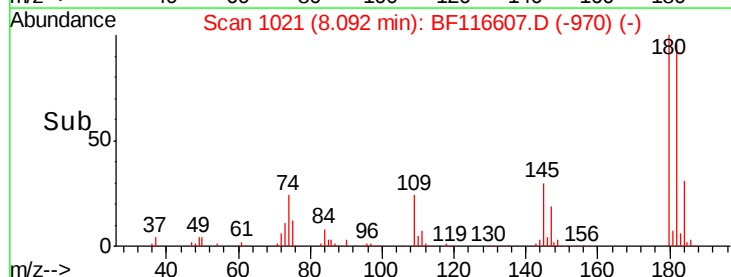
145 30.1 24.1 36.1

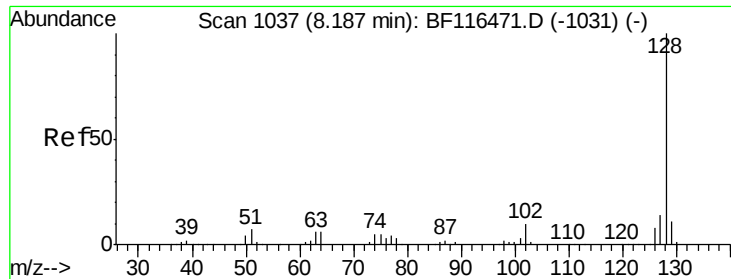


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

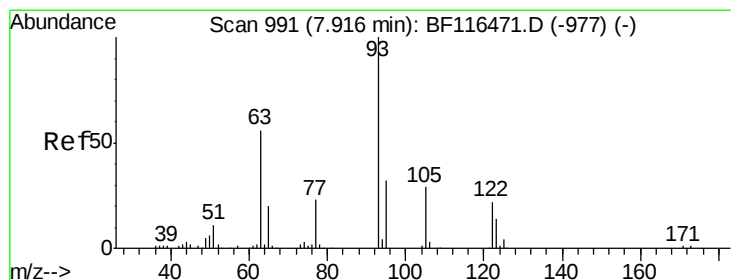
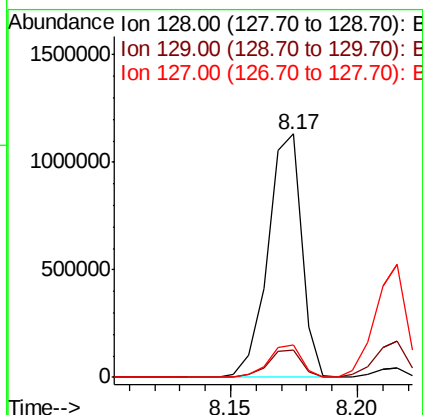
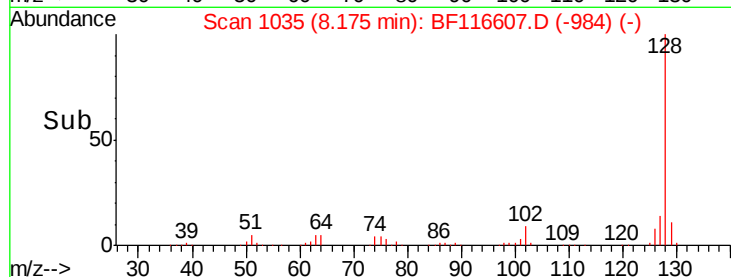
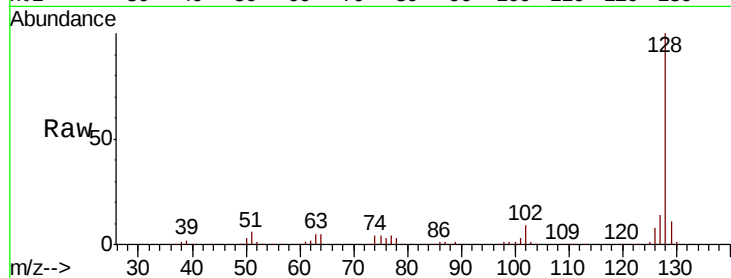




#31
Naphthalene
Concen: 40.114 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

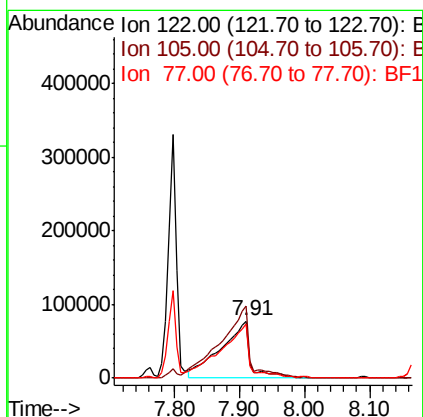
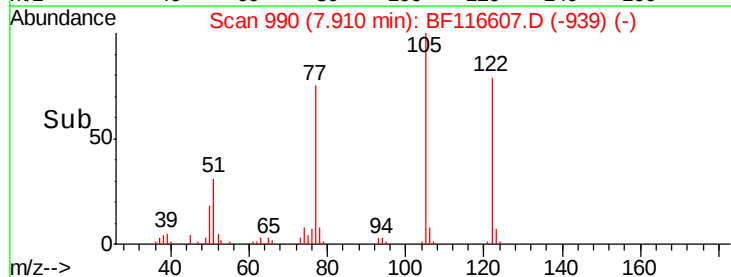
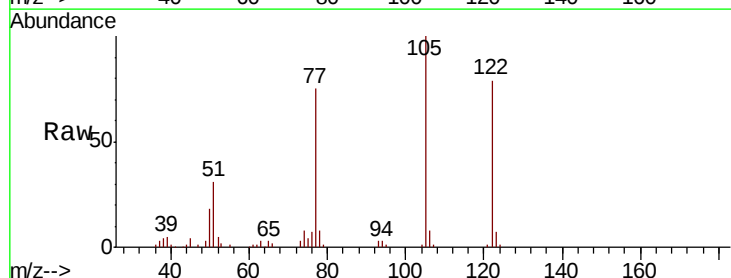
Instrument :
BNA_F
ClientSampled :

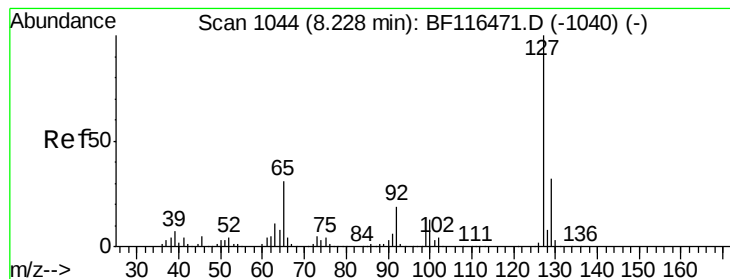
Tot Ion:128 Resp: 1042230
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 49.344 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:122 Resp: 244425
Ion Ratio Lower Upper
122 100
105 125.8 105.8 145.8
77 94.1 74.1 114.1





#33

4-Chloroaniline

Concen: 40.608 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 463170

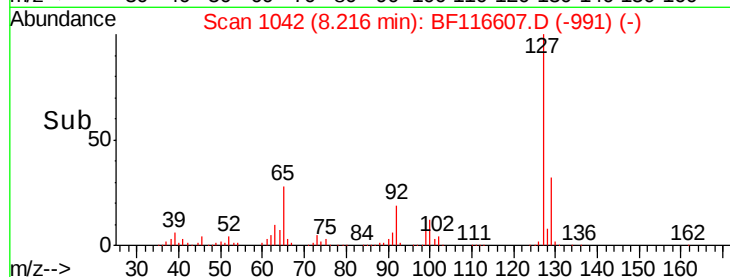
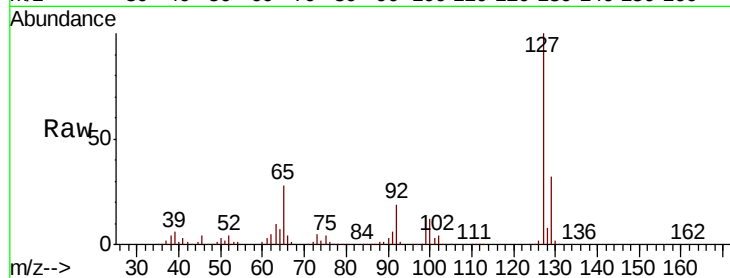
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 28.2 22.6 33.8

92 18.8 15.0 22.6

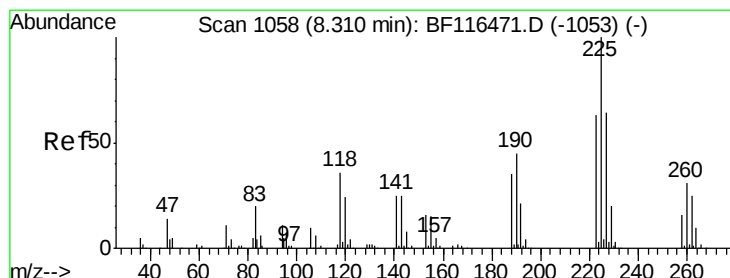
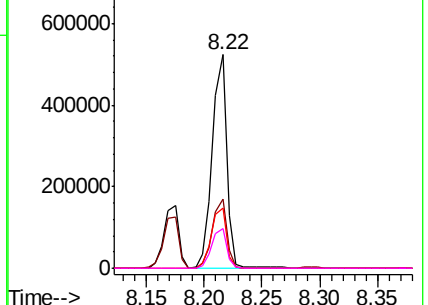


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 43.129 ng

RT: 8.29 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

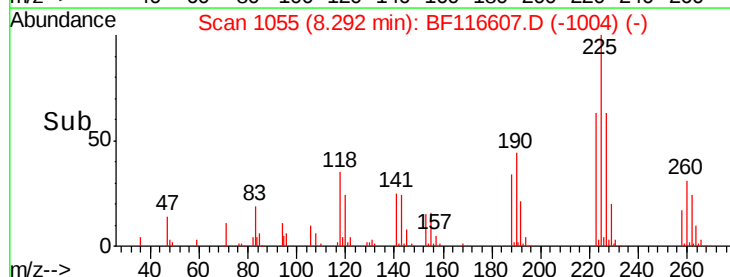
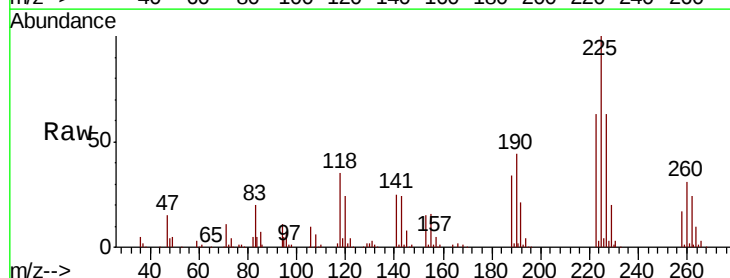
Tgt Ion:225 Resp: 195122

Ion Ratio Lower Upper

225 100

223 63.4 50.7 76.1

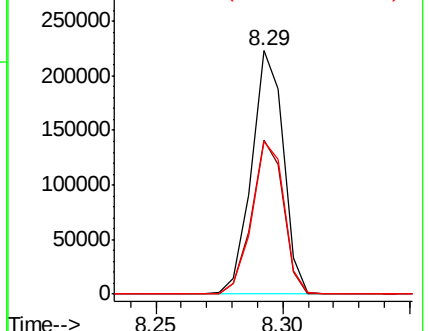
227 63.0 50.4 75.6

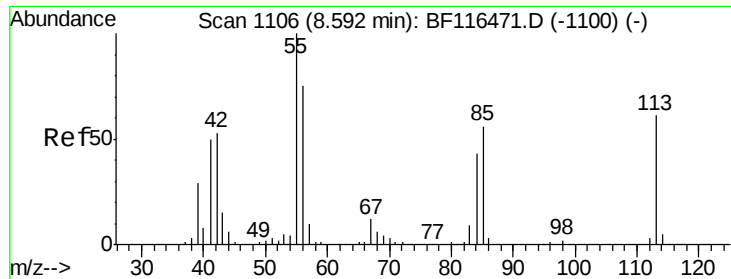


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

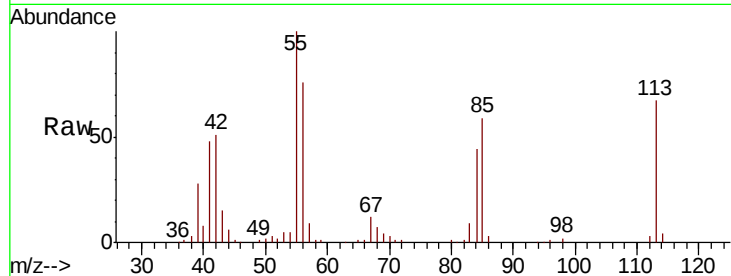




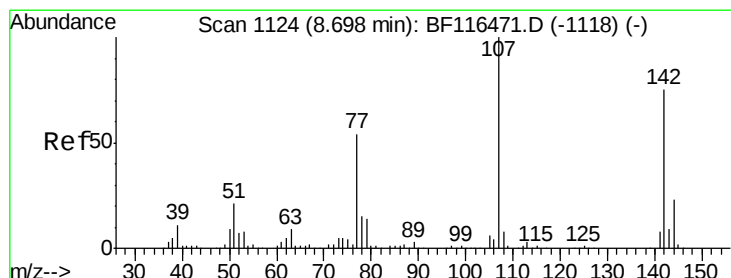
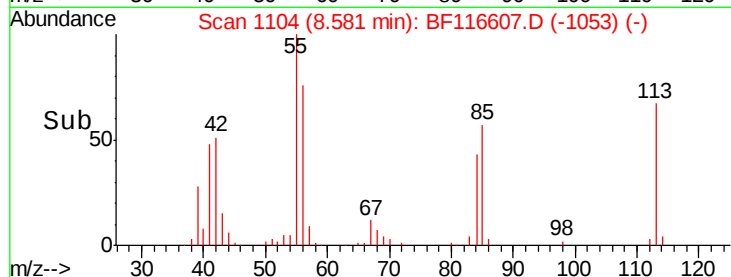
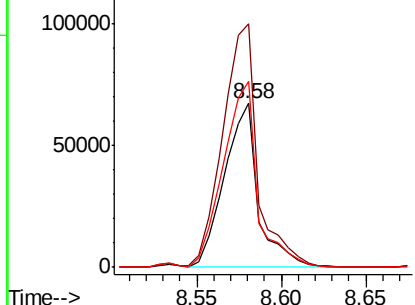
#35
Caprolactam
Concen: 36.439 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 93529
Ion Ratio Lower Upper
113 100
55 148.3 128.3 168.3
56 113.2 93.2 133.2

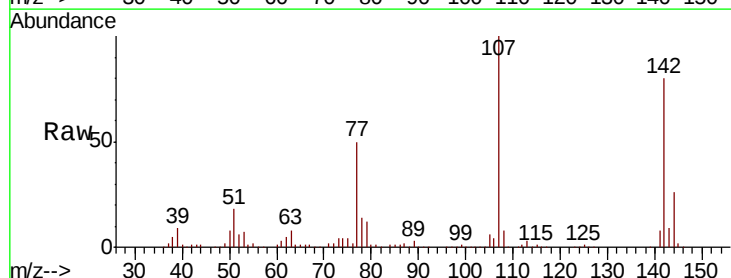


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

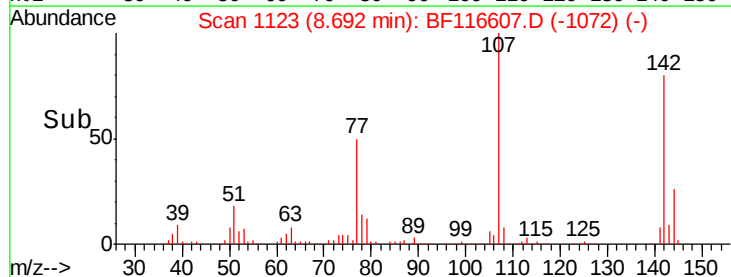
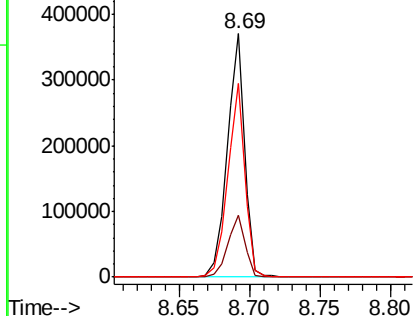


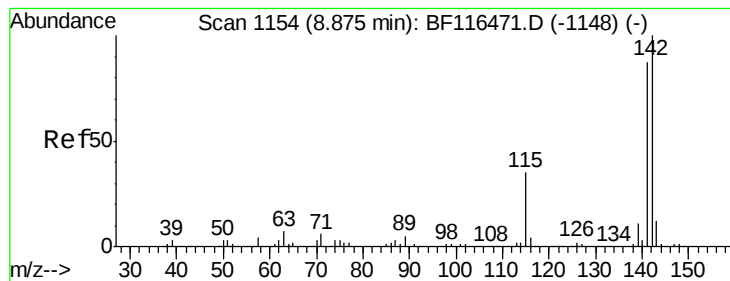
#36
4-Chloro-3-methylphenol
Concen: 38.071 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:107 Resp: 316535
Ion Ratio Lower Upper
107 100
144 25.7 20.6 30.8
142 79.7 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

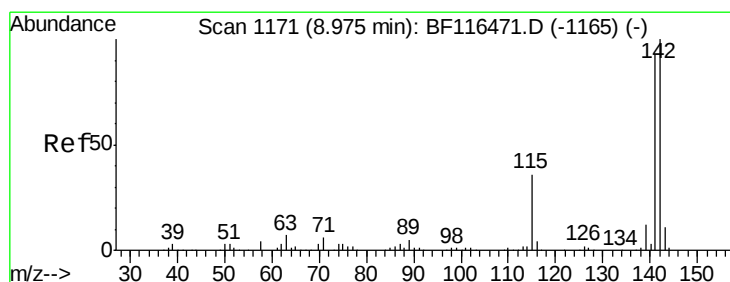
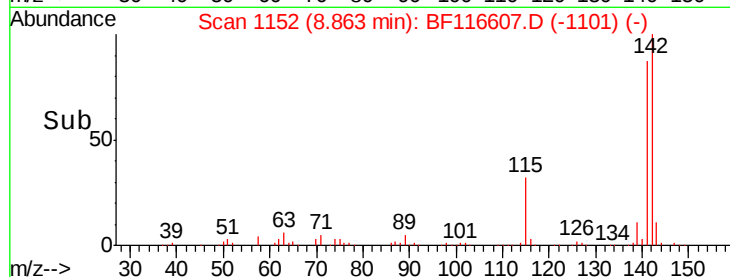
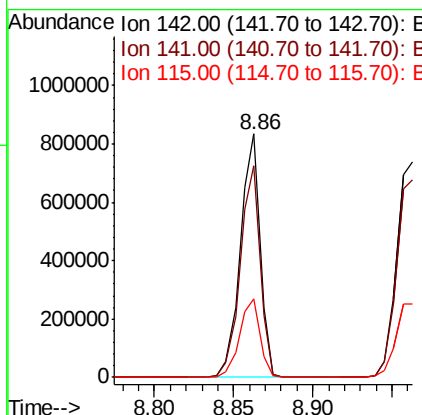
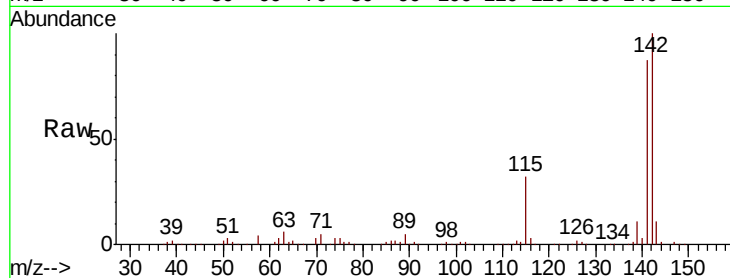




#37
 2-Methylnaphthalene
 Concen: 40.380 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

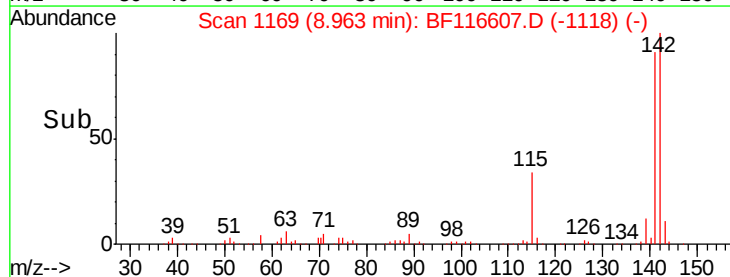
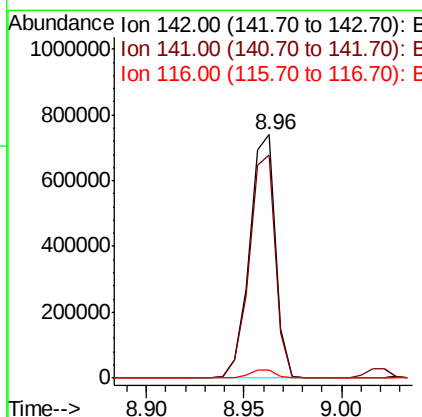
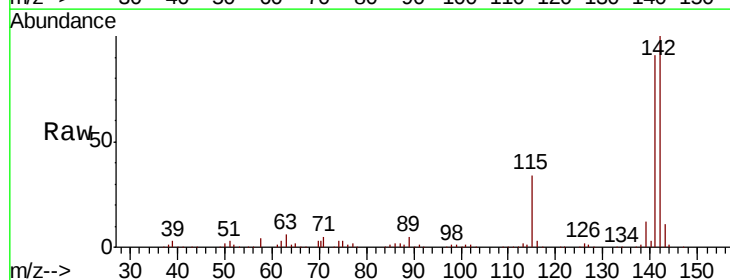
Instrument :
 BNA_F
 ClientSampleId :

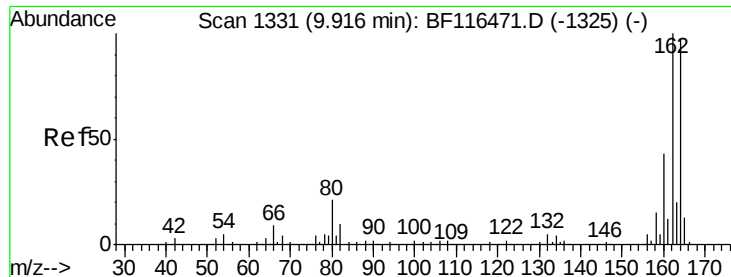
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.5	104.3
115	32.5	26.0	39.0



#38
 1-Methylnaphthalene
 Concen: 40.675 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7
116	3.4	2.7	4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

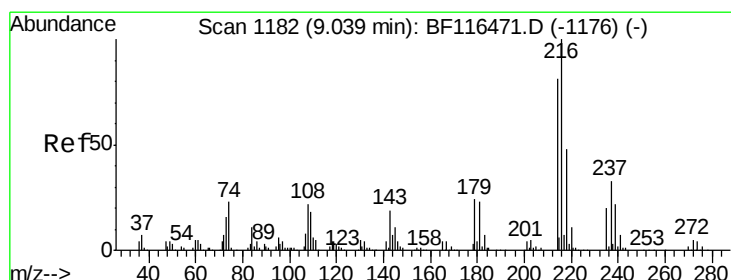
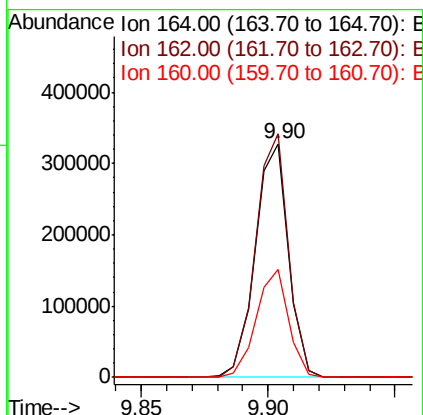
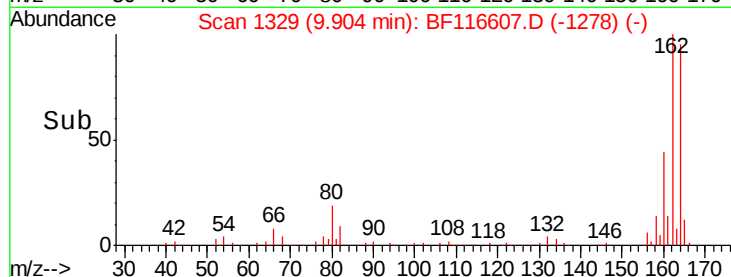
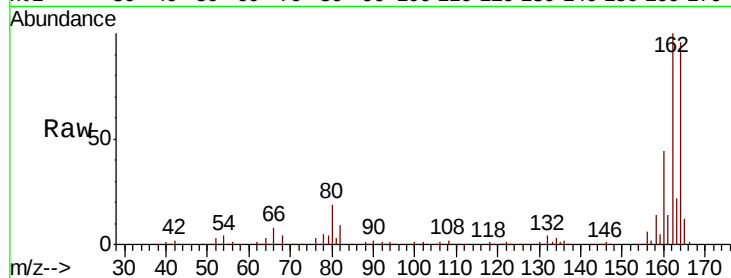
Tot Ion:164 Resp: 296493

Ion Ratio Lower Upper

164 100

162 104.2 83.4 125.0

160 46.2 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.166 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Tgt Ion:216 Resp: 336361

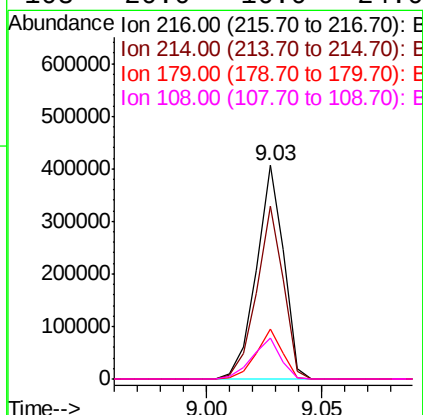
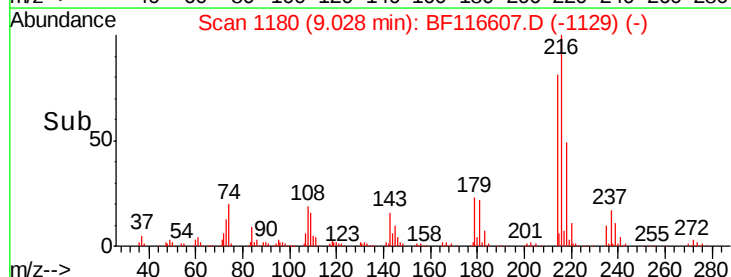
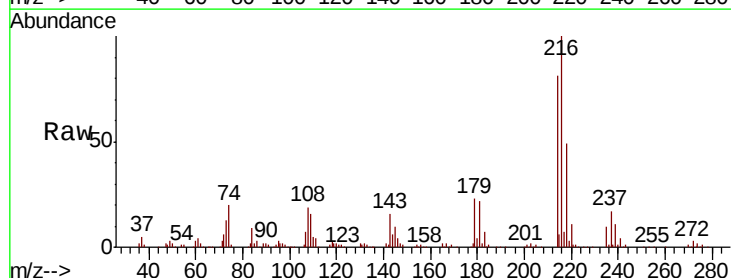
Ion Ratio Lower Upper

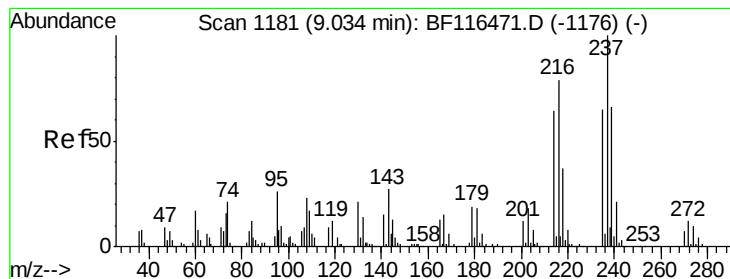
216 100

214 79.1 63.3 94.9

179 22.4 17.9 26.9

108 20.0 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 44.715 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

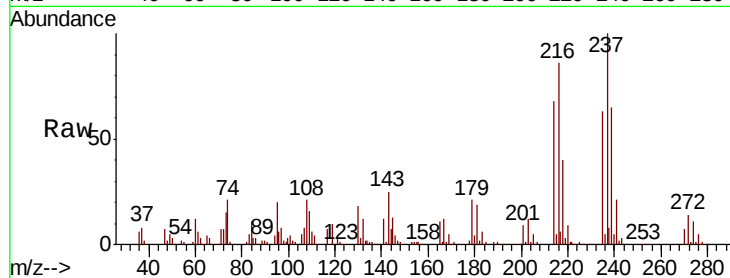
Tot Ion:237 Resp: 191910

Ion Ratio Lower Upper

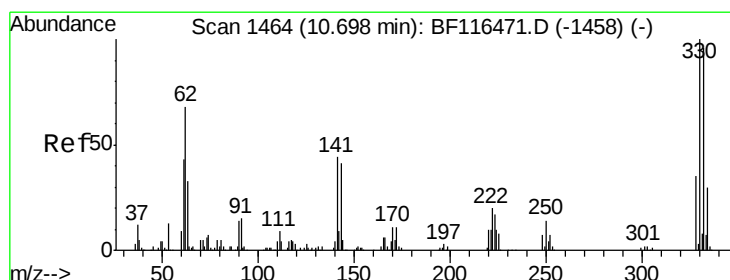
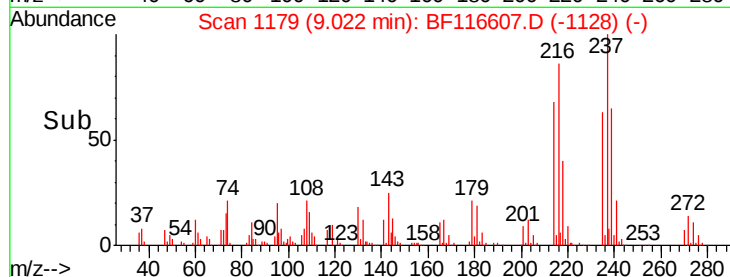
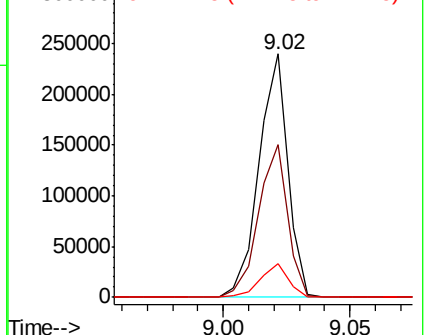
237 100

235 62.9 42.9 82.9

272 13.8 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 91.900 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

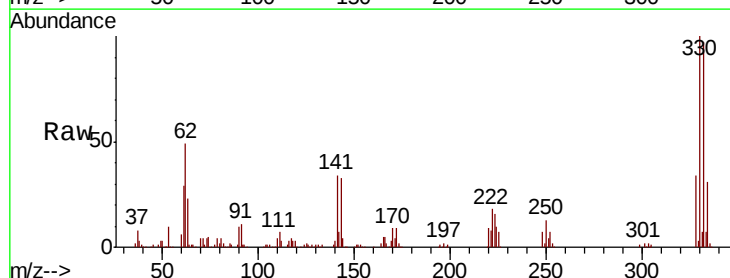
Tgt Ion:330 Resp: 233968

Ion Ratio Lower Upper

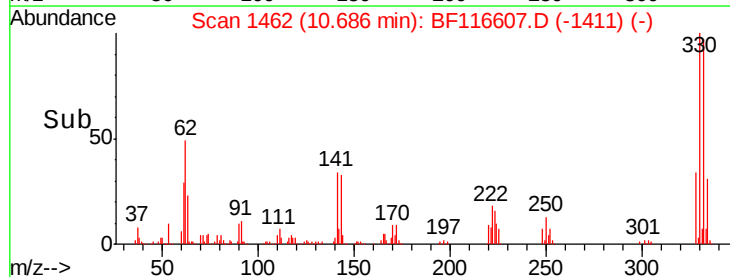
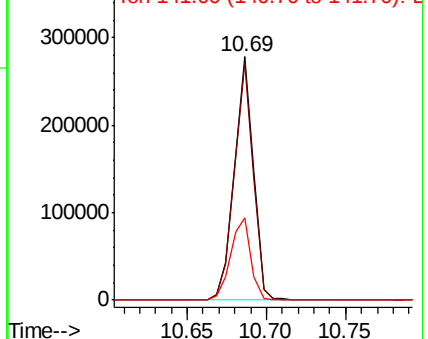
330 100

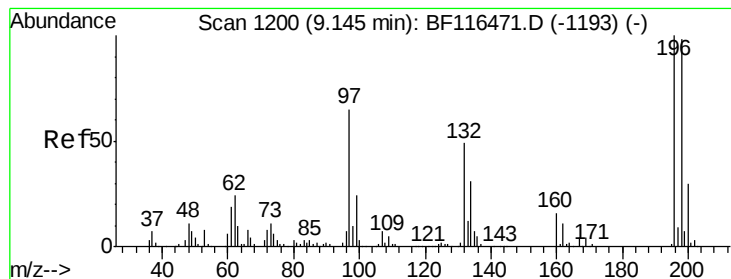
332 96.9 77.5 116.3

141 35.2 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.386 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampled :

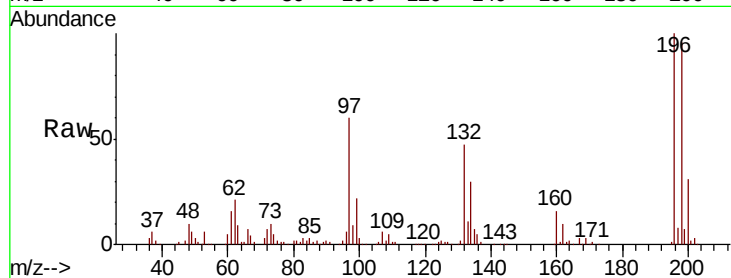
Tot Ion:196 Resp: 236635

Ion Ratio Lower Upper

196 100

198 96.0 76.8 115.2

200 31.3 25.0 37.6

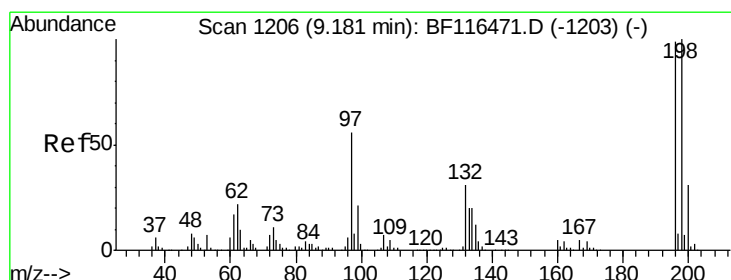
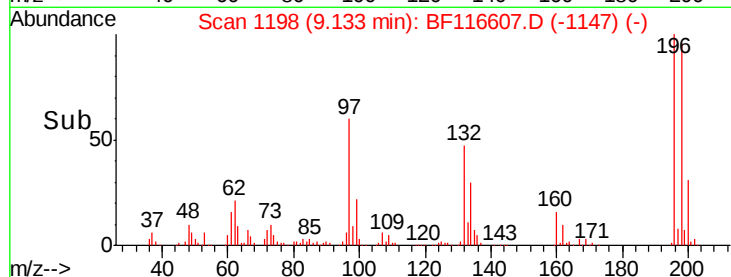
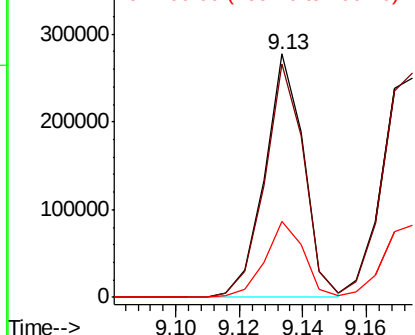


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.933 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Tgt Ion:196 Resp: 238204

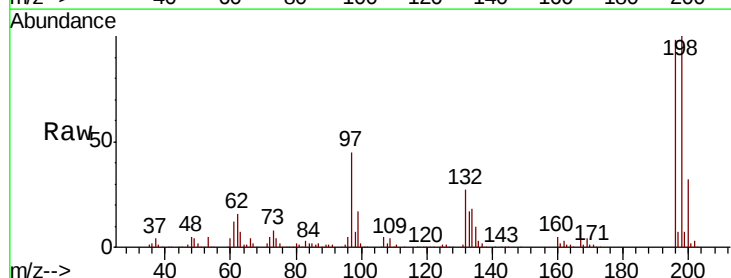
Ion Ratio Lower Upper

196 100

198 102.5 82.0 123.0

97 46.3 37.0 55.6

132 27.7 22.2 33.2



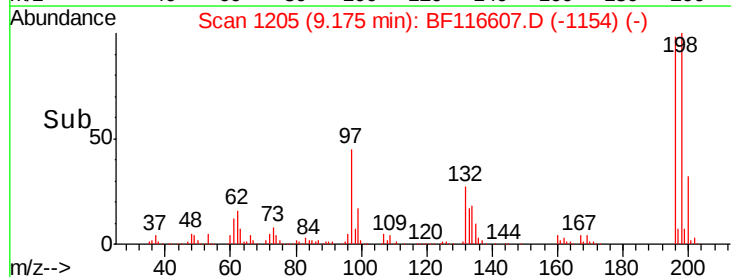
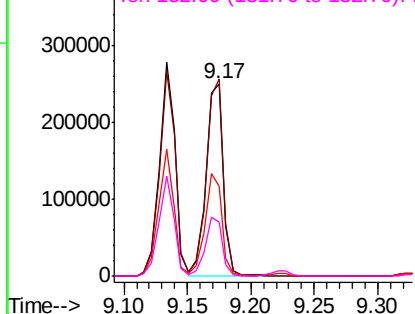
Abundance

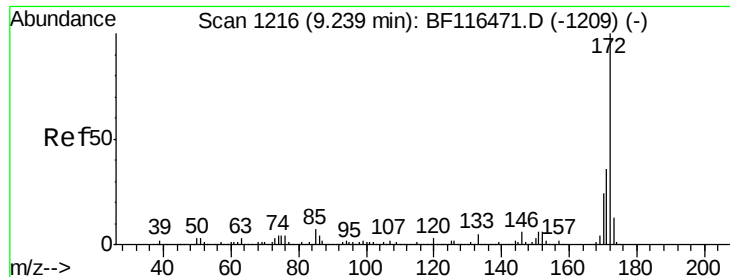
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



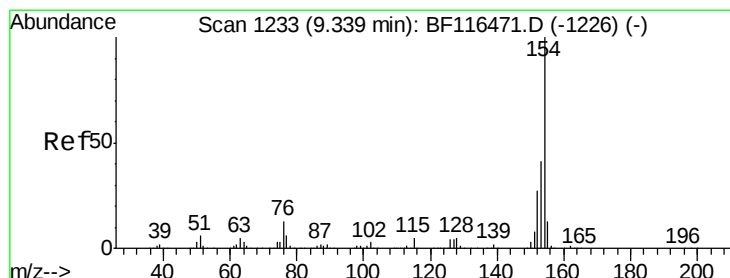
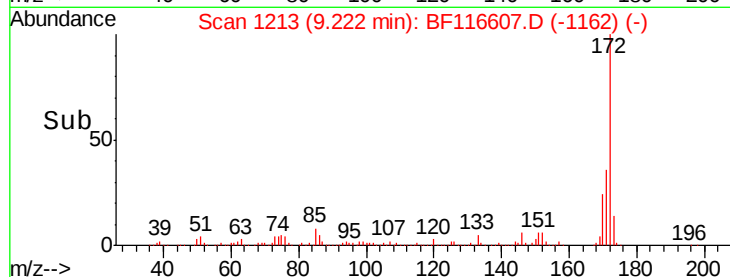
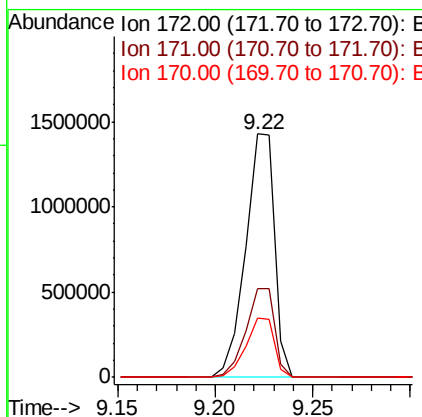
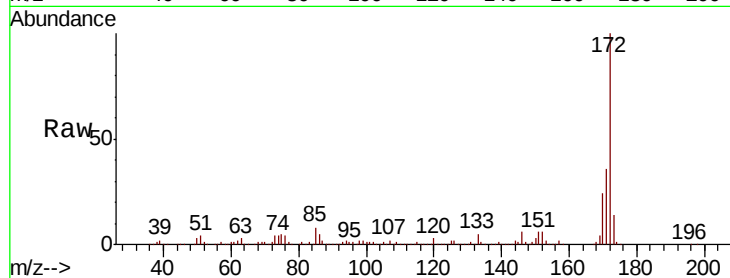


#45
 2-Fluorobiphenyl
 Concen: 79.630 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1466074

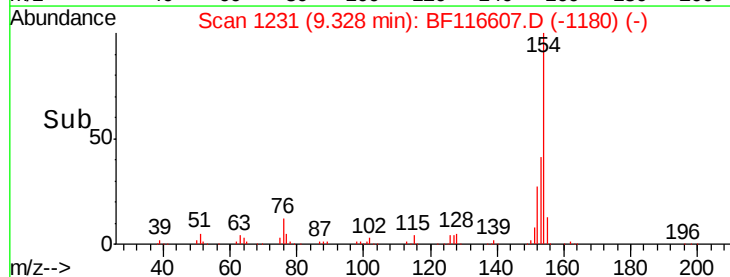
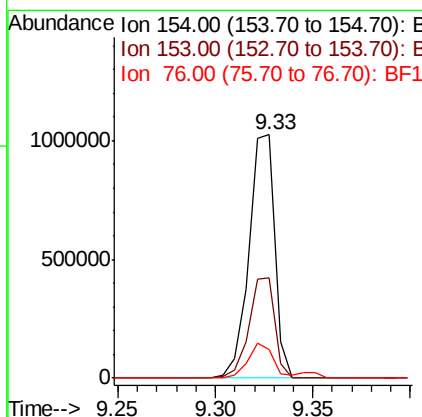
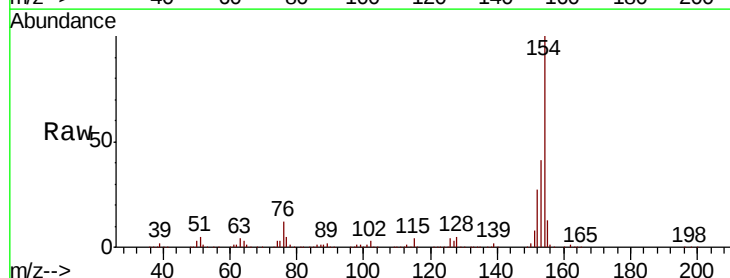
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.1	19.3	28.9

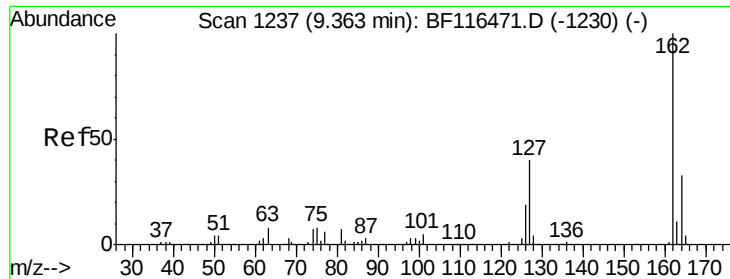


#46
 1,1'-Biphenyl
 Concen: 39.663 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion:154 Resp: 940210

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	11.8	0.0	31.8

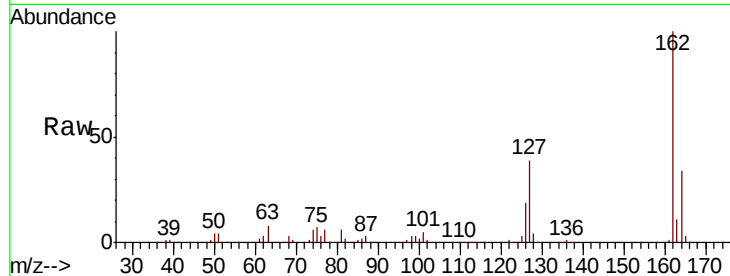




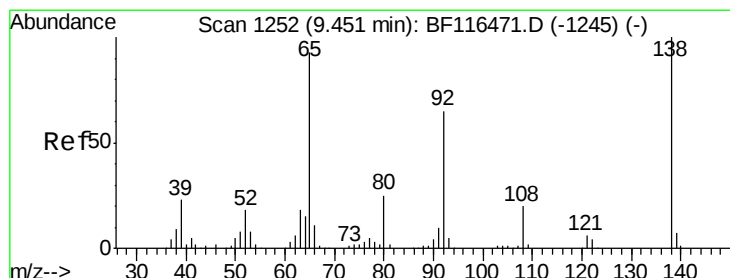
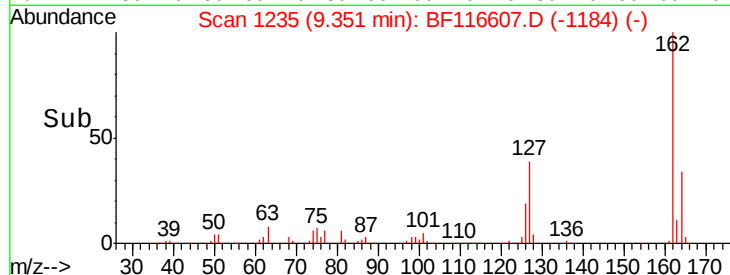
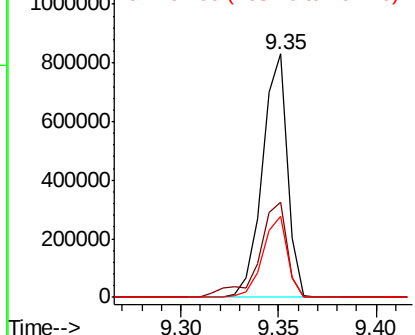
#47
 2-Chloronaphthalene
 Concen: 40.148 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 737813
 Ion Ratio Lower Upper
 162 100
 127 38.9 31.1 46.7
 164 33.5 26.8 40.2

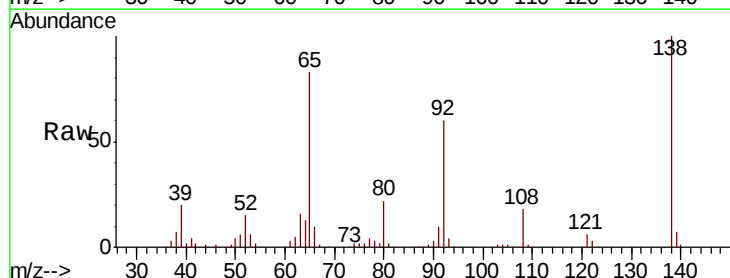


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

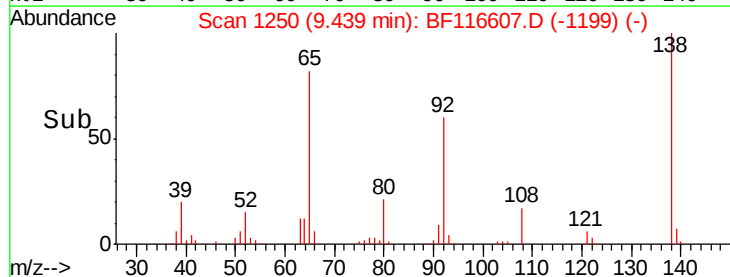
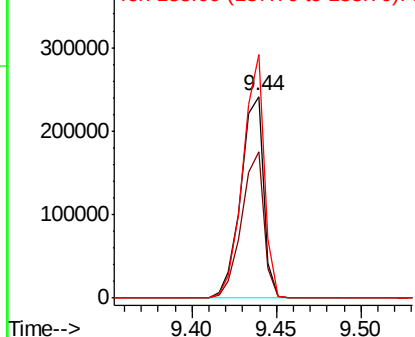


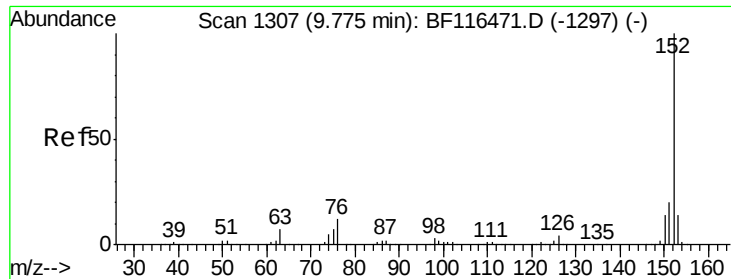
#48
 2-Nitroaniline
 Concen: 40.506 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion: 65 Resp: 227925
 Ion Ratio Lower Upper
 65 100
 92 72.7 58.2 87.2
 138 120.7 96.6 144.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.789 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

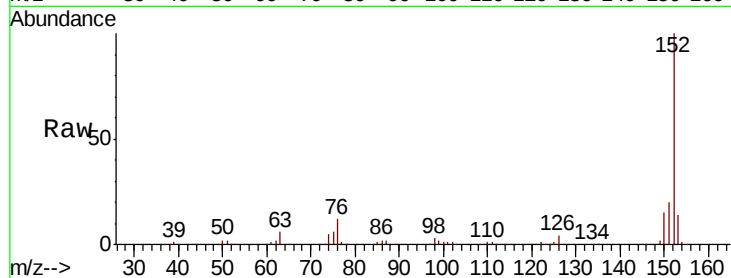
Tot Ion:152 Resp: 1069820

Ion Ratio Lower Upper

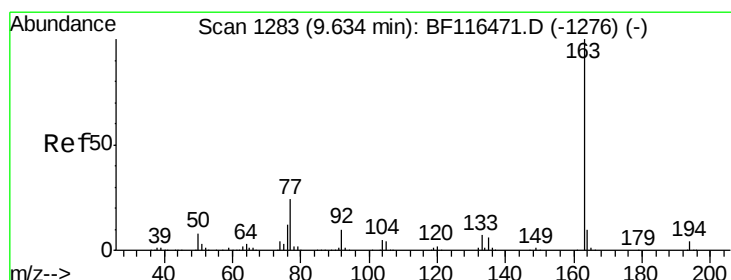
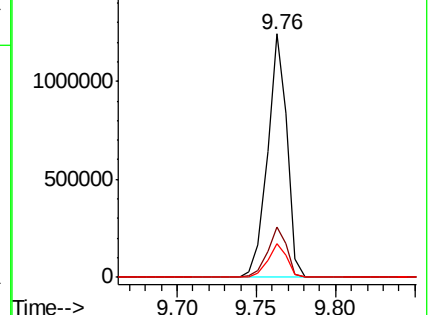
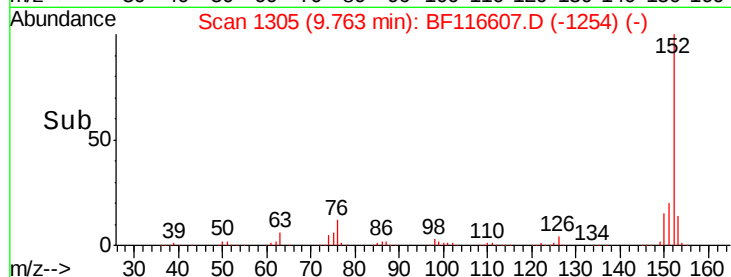
152 100

151 20.5 16.4 24.6

153 14.1 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.685 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

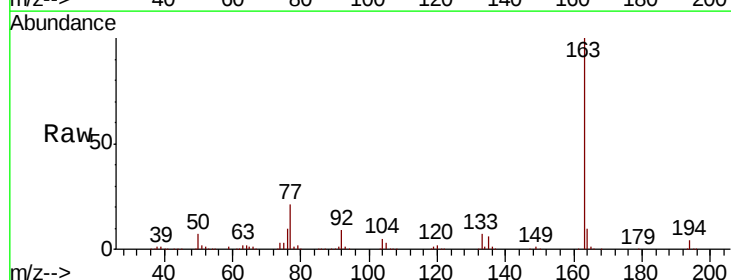
Tgt Ion:163 Resp: 820945

Ion Ratio Lower Upper

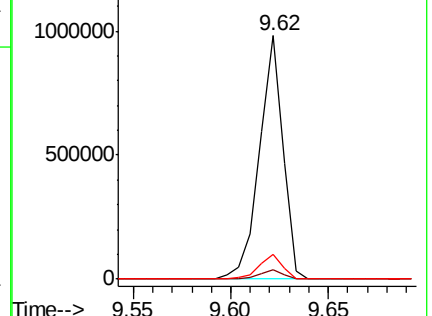
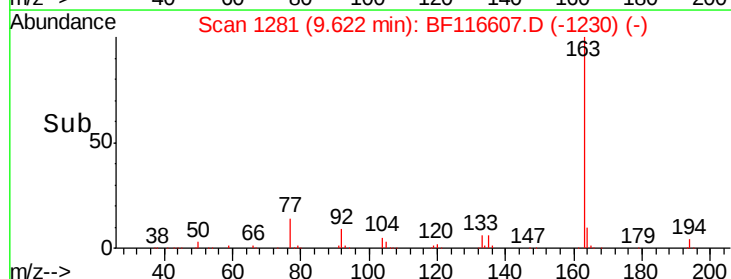
163 100

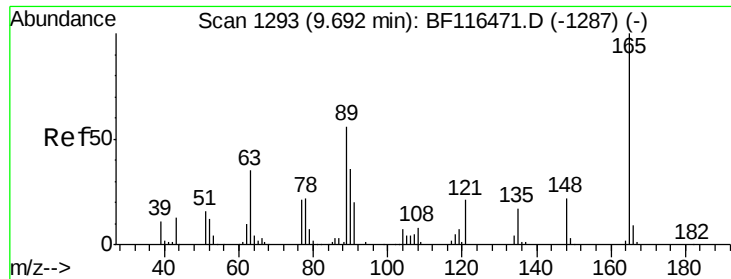
194 3.8 3.0 4.6

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

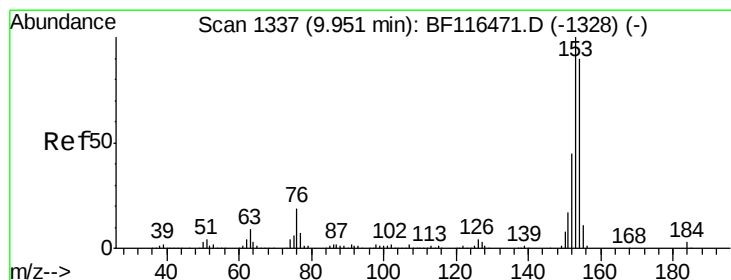
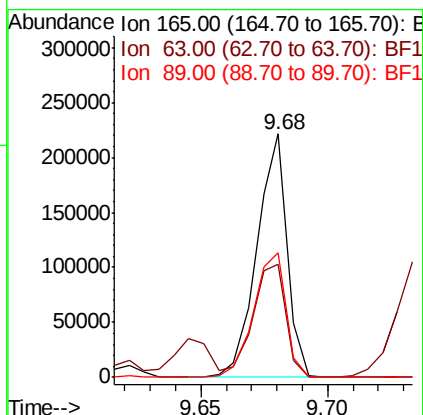
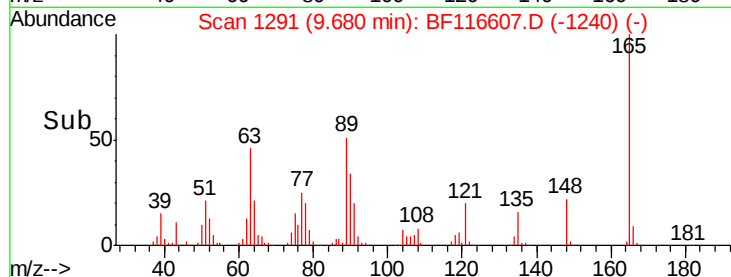
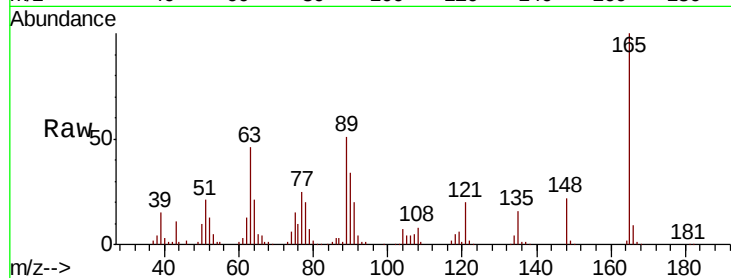




#51
 2,6-Dinitrotoluene
 Concen: 43.204 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

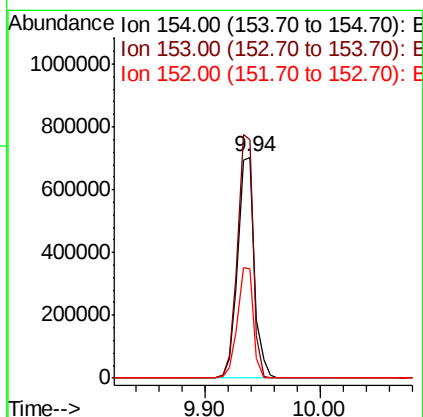
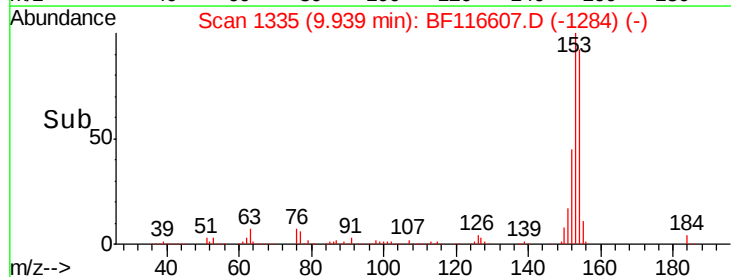
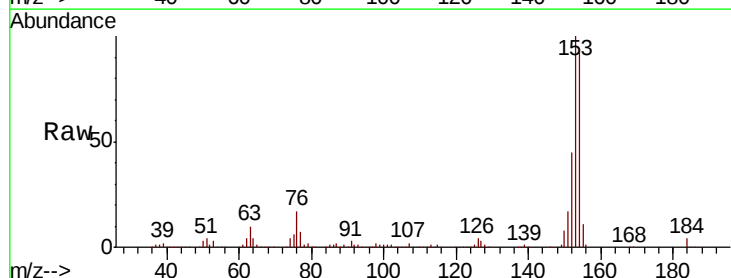
Instrument :
 BNA_F
 ClientSampled :

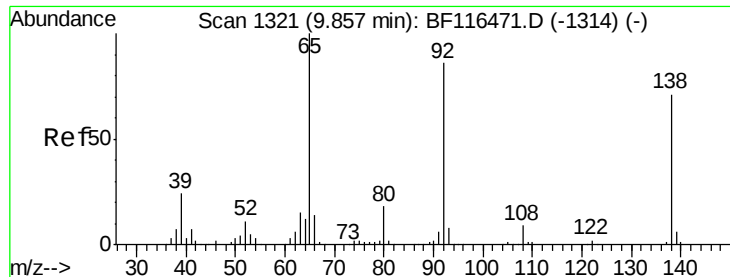
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	37.2	55.8
89	51.0	40.8	61.2



#52
 Acenaphthene
 Concen: 41.133 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.2	86.6	129.8
152	49.2	39.4	59.0

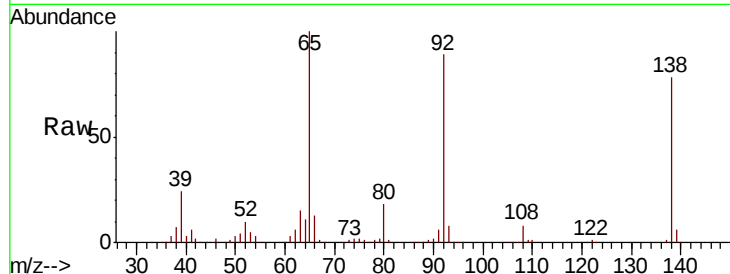




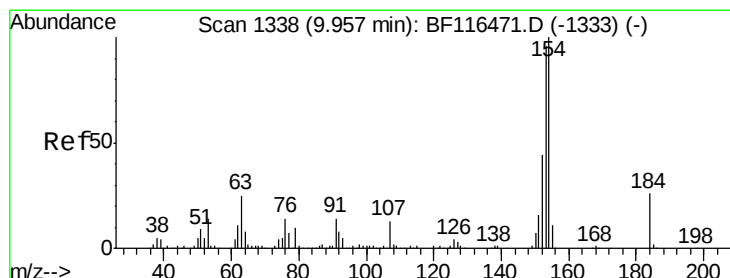
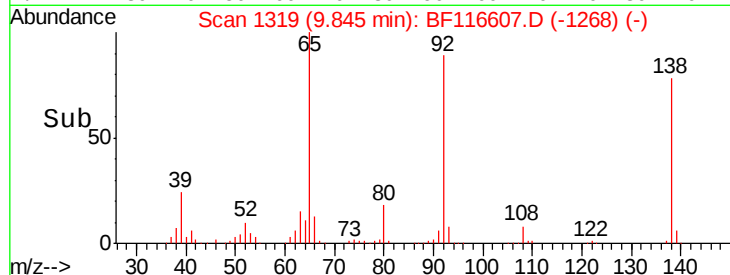
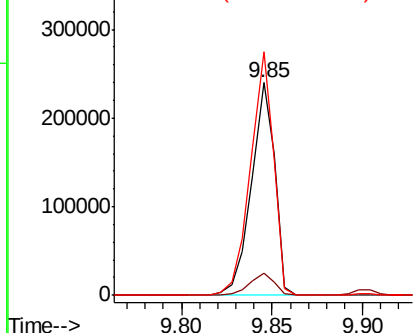
#53
3-Nitroaniline
Concen: 42.587 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 214943
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 114.5 91.6 137.4

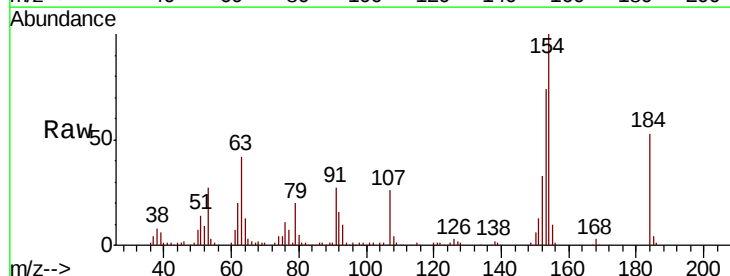


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

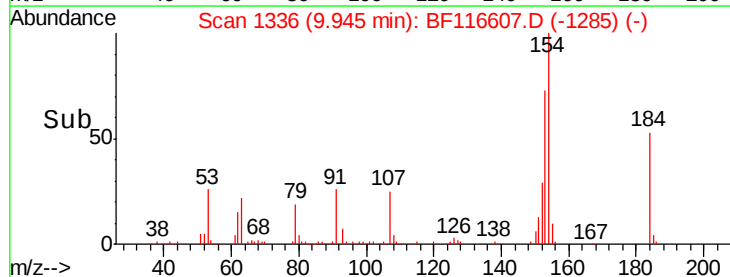
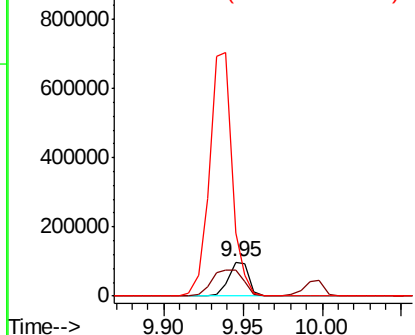


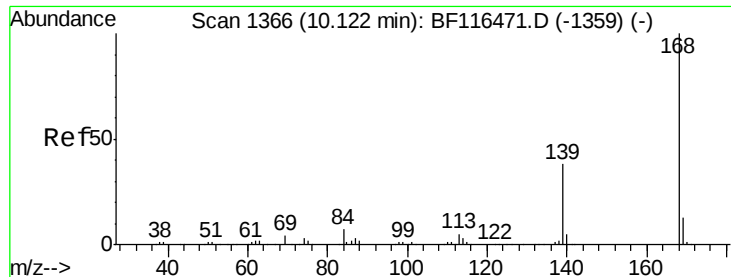
#54
2,4-Dinitrophenol
Concen: 66.101 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:184 Resp: 88000
Ion Ratio Lower Upper
184 100
63 78.4 62.7 94.1
154 187.5 150.0 225.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

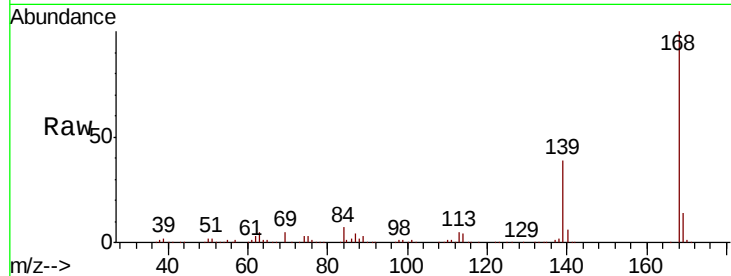




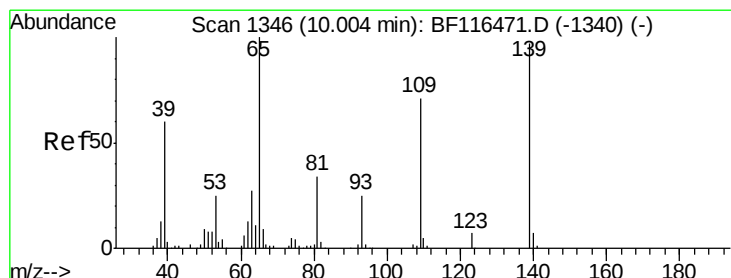
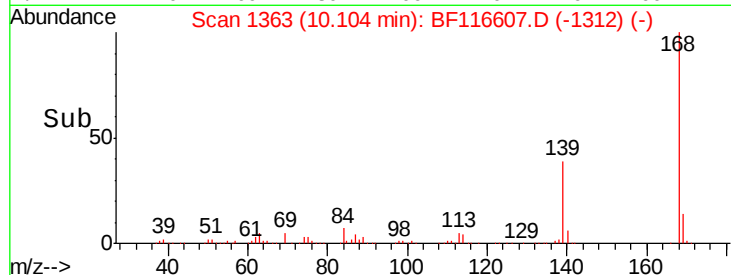
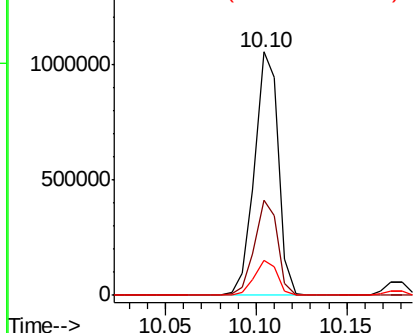
#55
Dibenzofuran
Concen: 39.966 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 961183
Ion Ratio Lower Upper
168 100
139 39.1 31.3 46.9
169 14.1 11.3 16.9

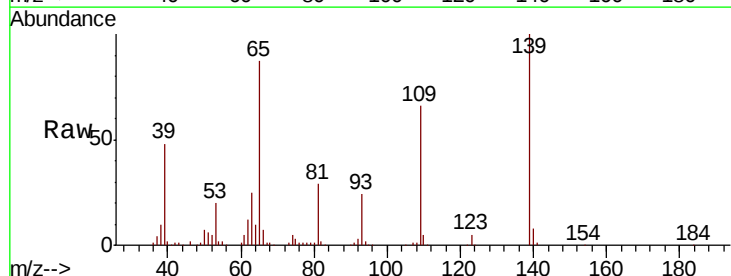


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

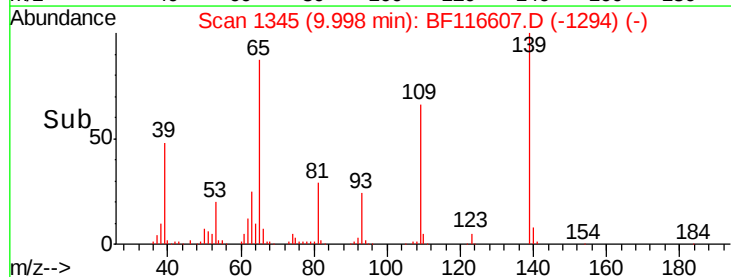
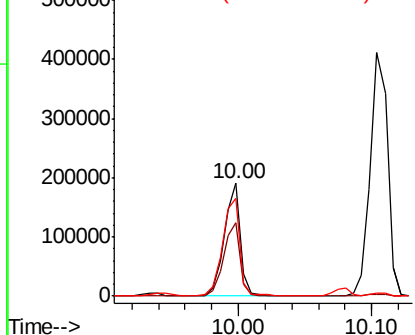


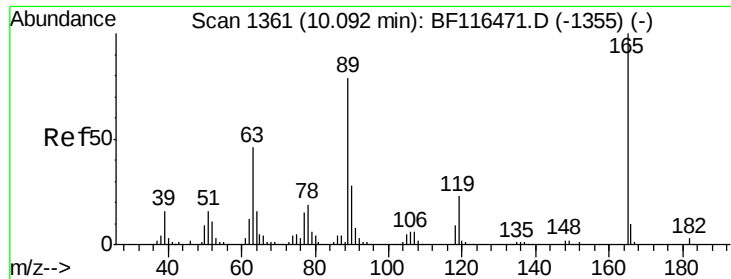
#56
4-Nitrophenol
Concen: 41.335 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:139 Resp: 162154
Ion Ratio Lower Upper
139 100
109 65.5 45.5 85.5
65 86.8 66.8 106.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

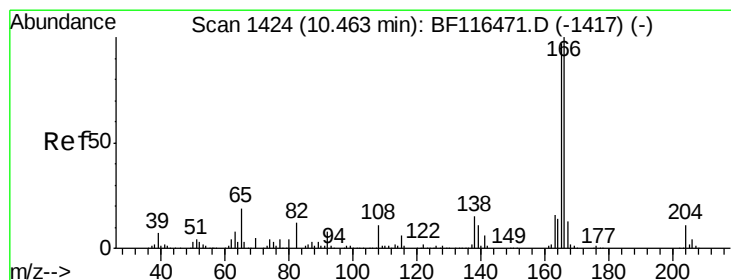
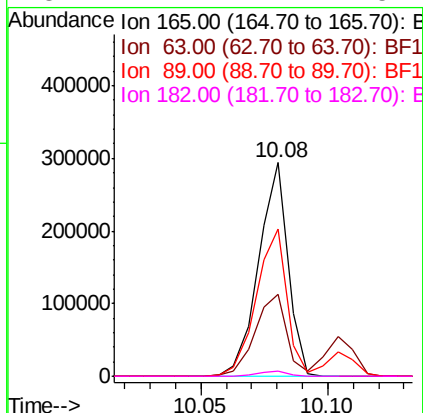
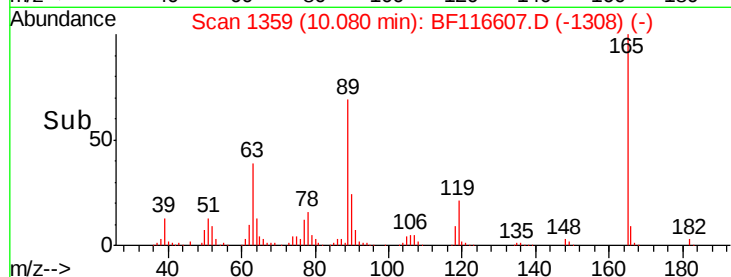
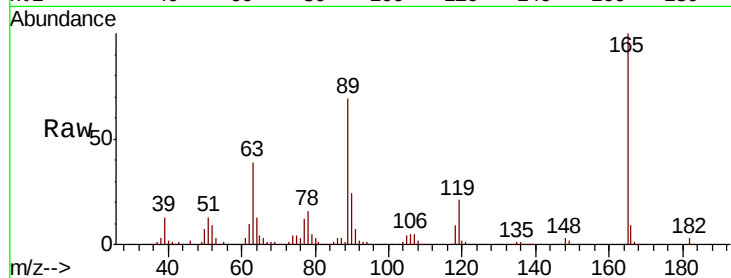




#57
2,4-Dinitrotoluene
Concen: 44.243 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

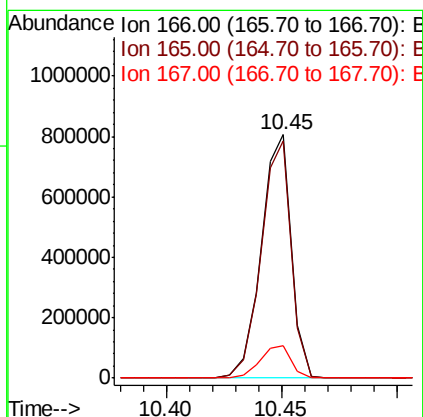
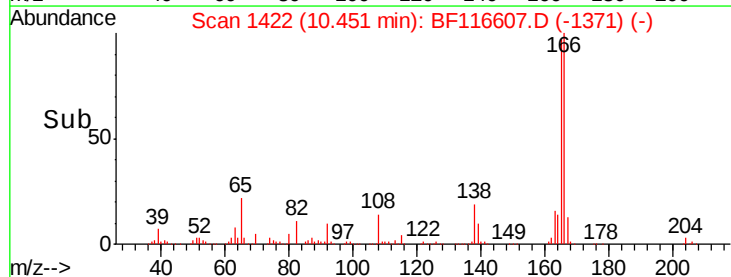
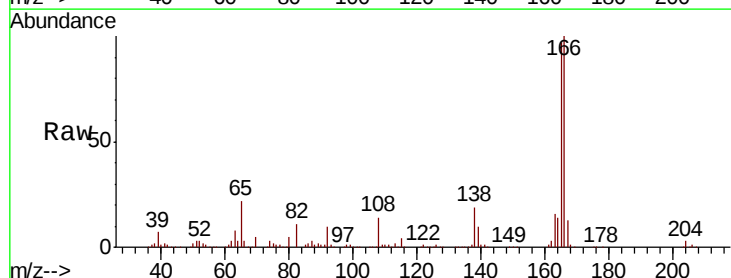
Instrument :
BNA_F
ClientSampleId :

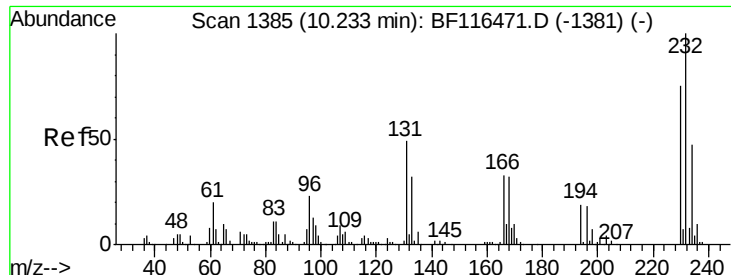
Tot Ion:165	Resp: 238373
Ion Ratio	Lower Upper
165 100	
63 38.6	30.9 46.3
89 68.8	55.0 82.6
182 2.7	2.2 3.2



#58
Fluorene
Concen: 38.914 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt	Ion:166	Resp:	727112
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	13.3	10.6	16.0

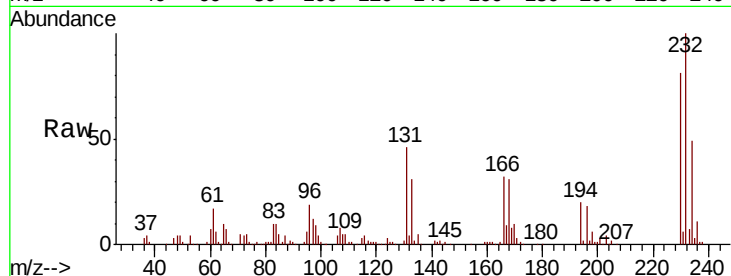




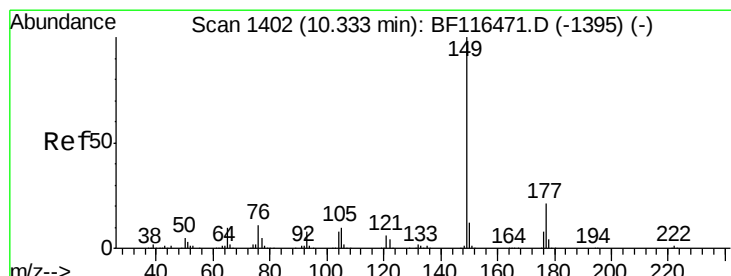
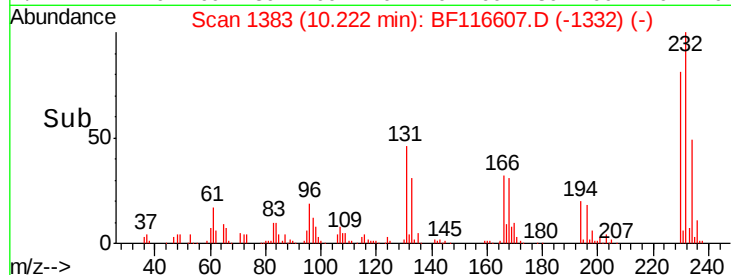
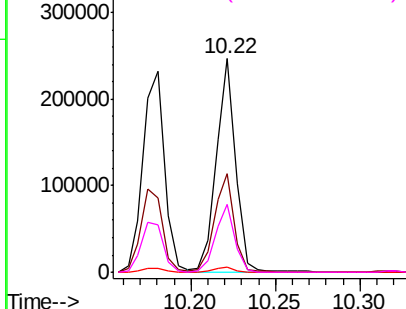
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.387 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.7	56.5
130	2.2	1.8	2.6
166	31.9	25.5	38.3

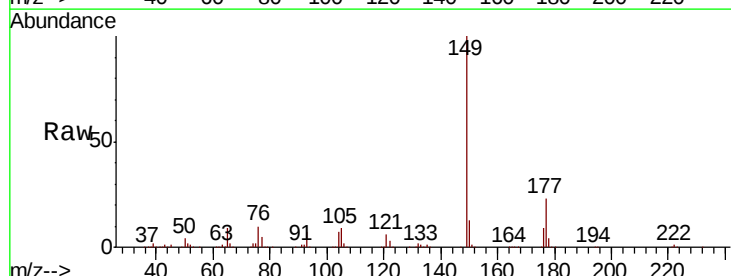


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

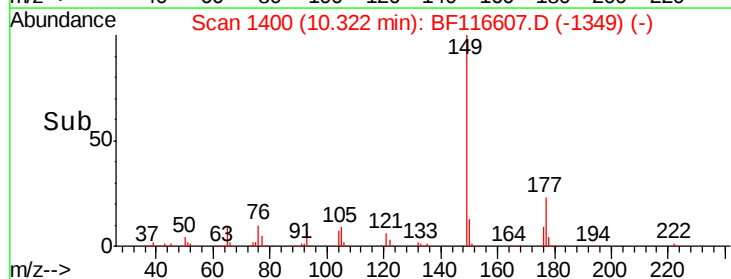
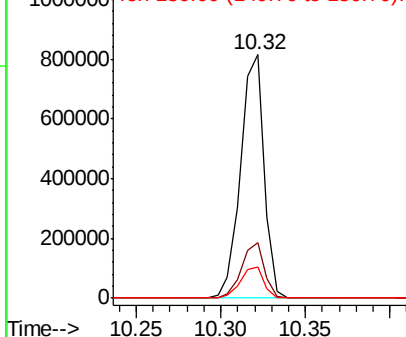


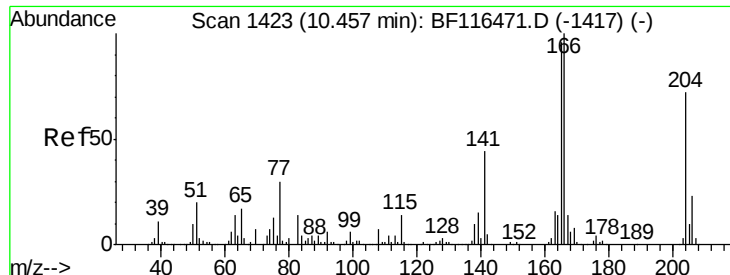
#60
Diethylphthalate
Concen: 38.761 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	12.6	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

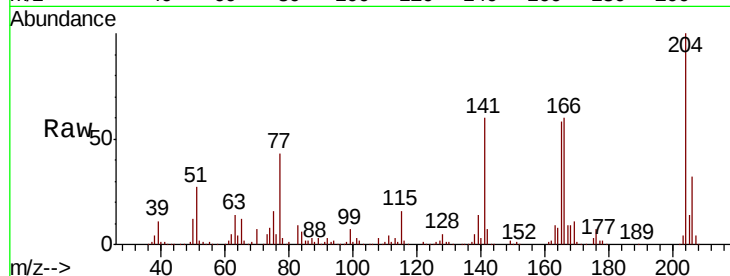




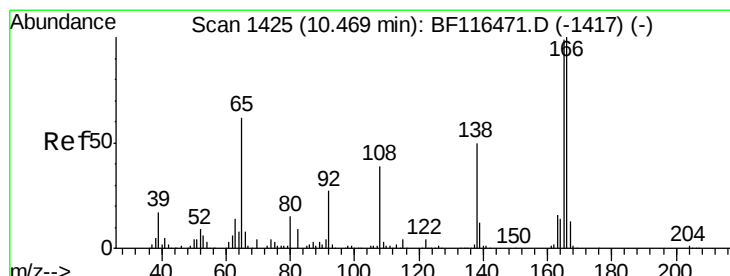
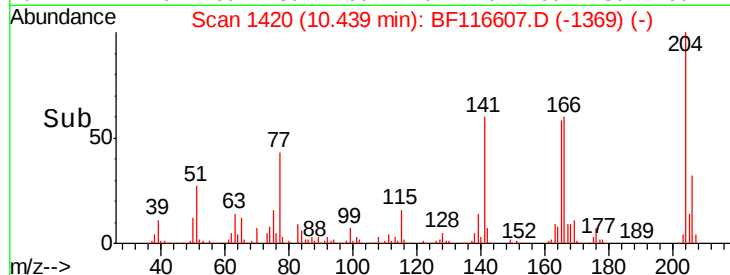
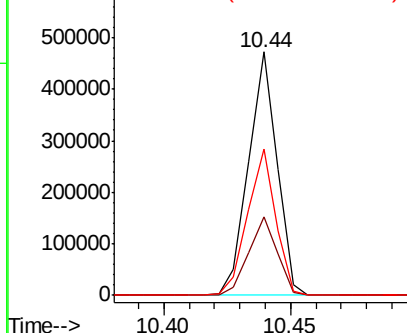
#61
 4-Chlorophenyl-phenylether
 Concen: 40.701 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 371015
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.0 39.0
 141 59.9 47.9 71.9

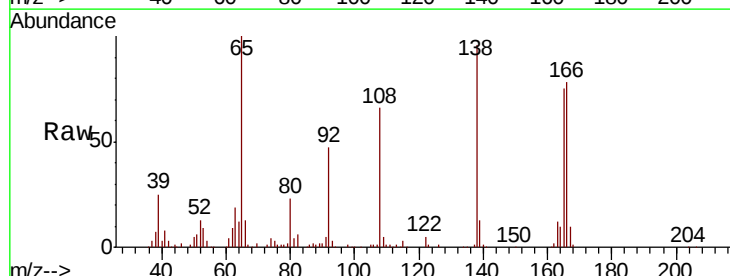


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

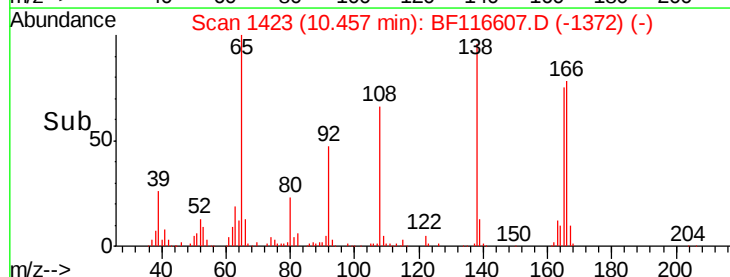
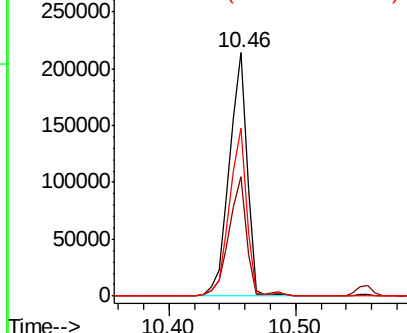


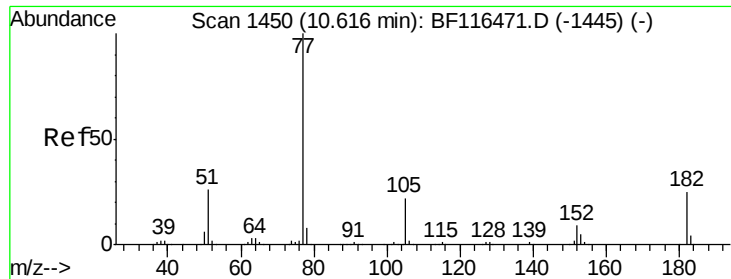
#62
 4-Nitroaniline
 Concen: 42.252 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion:138 Resp: 208566
 Ion Ratio Lower Upper
 138 100
 92 48.9 28.9 68.9
 108 69.3 49.3 89.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.850 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 791276

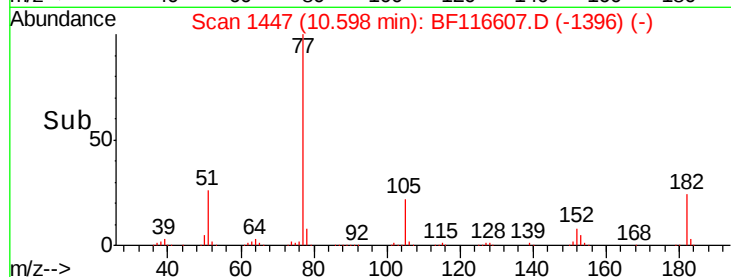
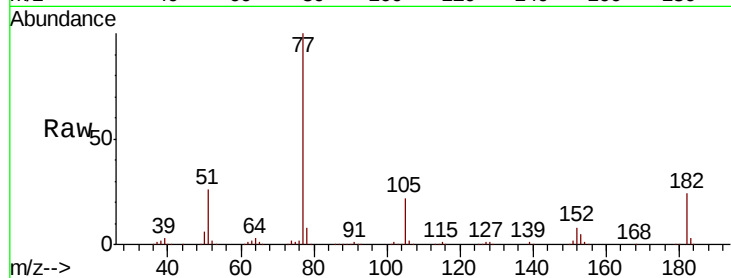
Ion Ratio Lower Upper

77 100

182 23.8 3.8 43.8

105 21.6 1.6 41.6

51 26.1 6.1 46.1

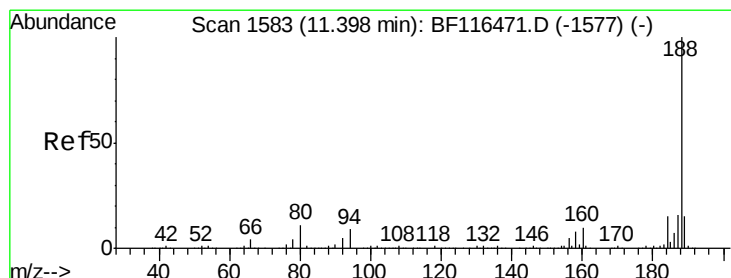
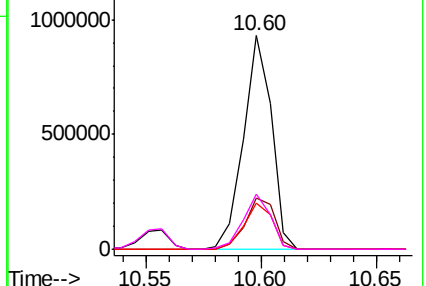


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

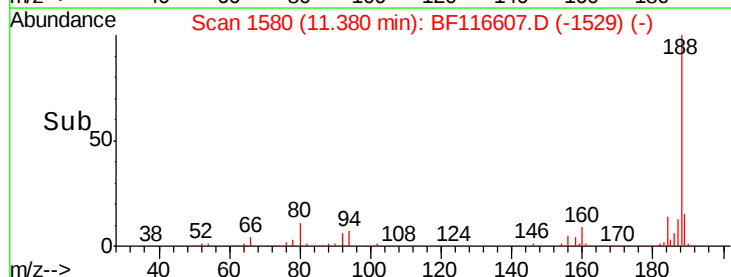
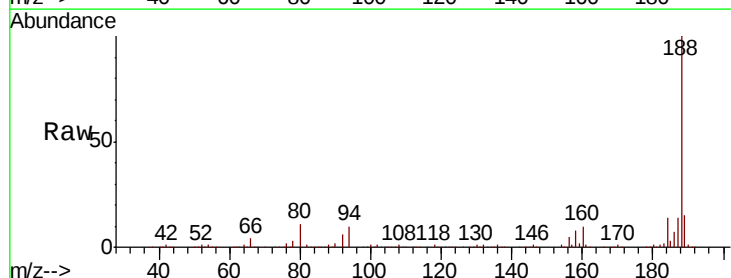
Tgt Ion: 188 Resp: 512135

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

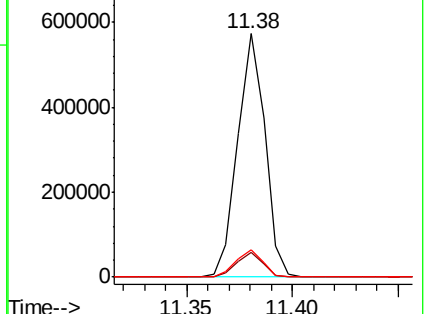
80 11.1 8.9 13.3

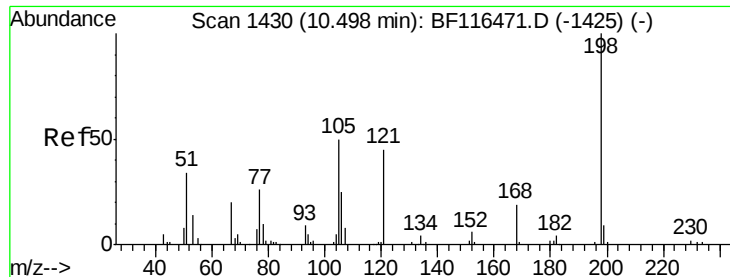


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 61.070 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

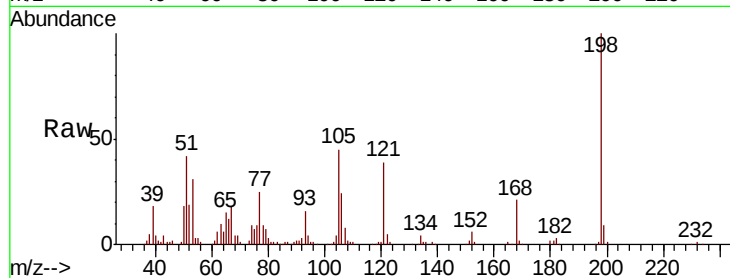
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 114263

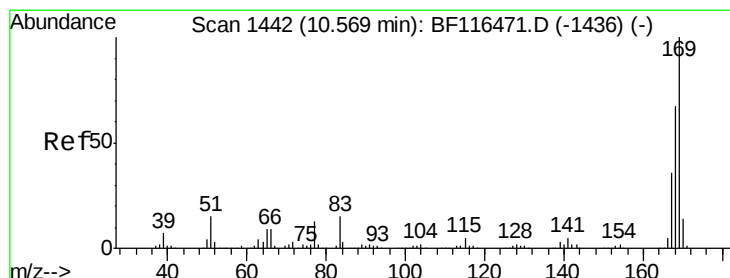
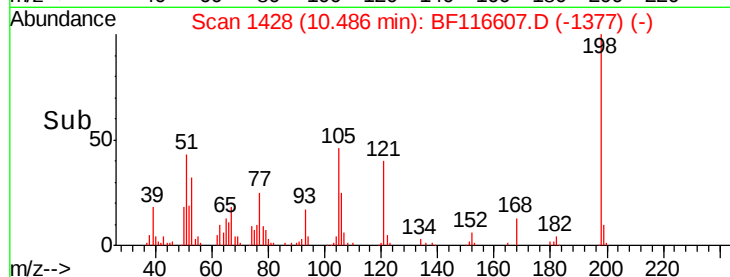
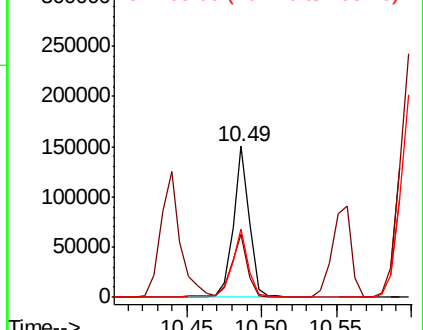
Ion	Ratio	Lower	Upper
198	100		
51	41.9	21.9	61.9
105	45.2	25.2	65.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.519 ng

RT: 10.56 min Scan# 1440

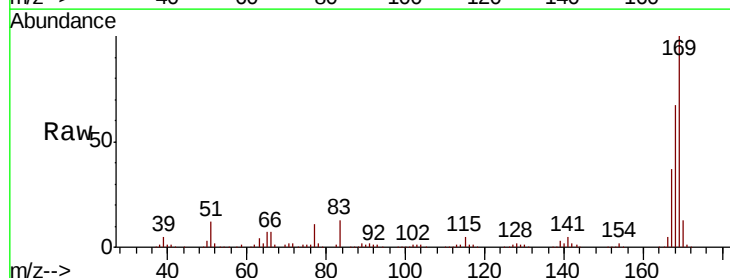
Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Tgt Ion:169 Resp: 655333

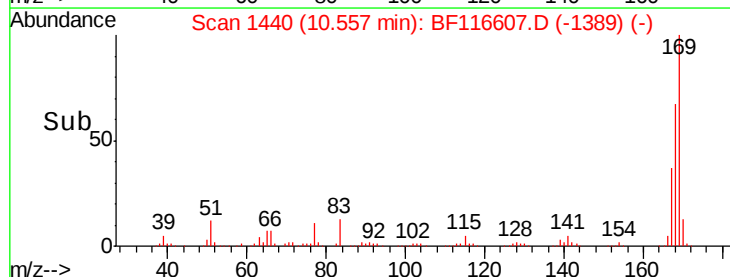
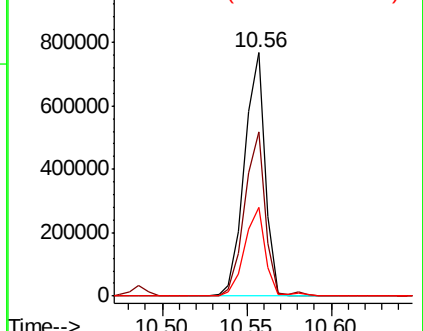
Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.8	80.8
167	36.6	29.3	43.9

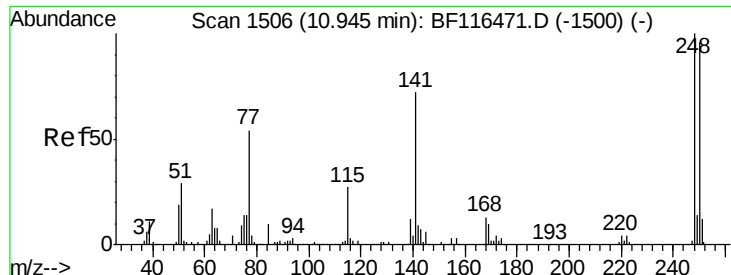


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

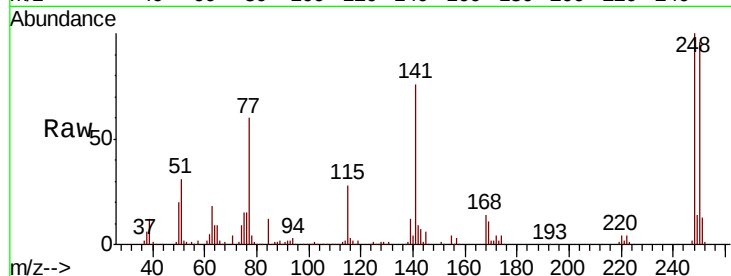




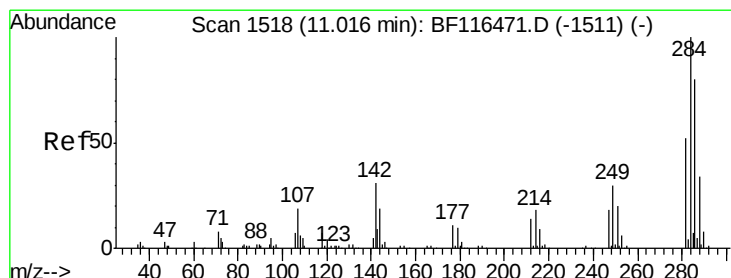
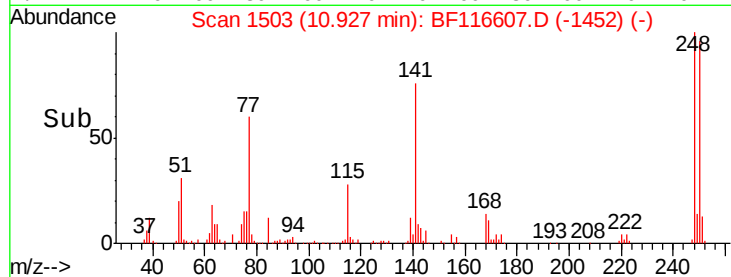
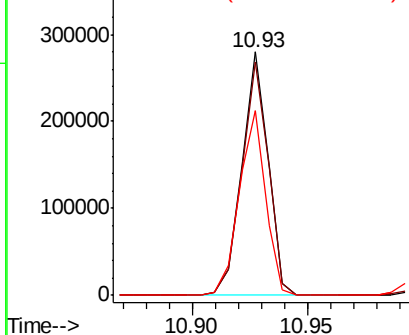
#67
 4-Bromophenyl-phenylether
 Concen: 41.391 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.6	115.0
141	76.0	60.8	91.2

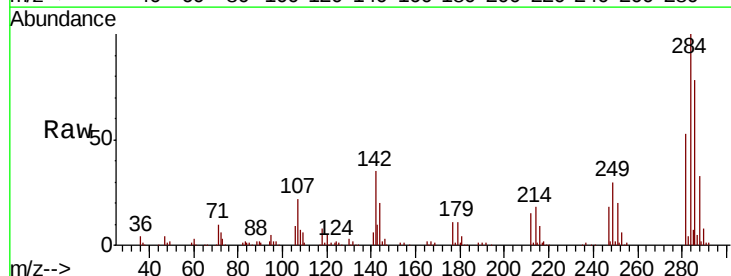


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

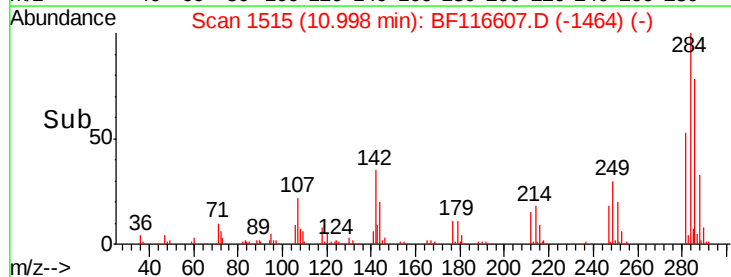
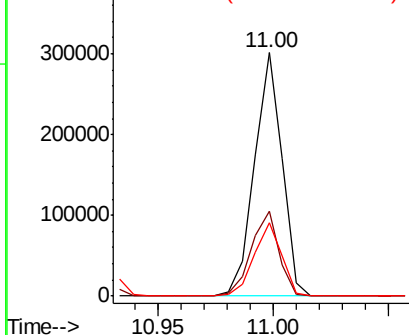


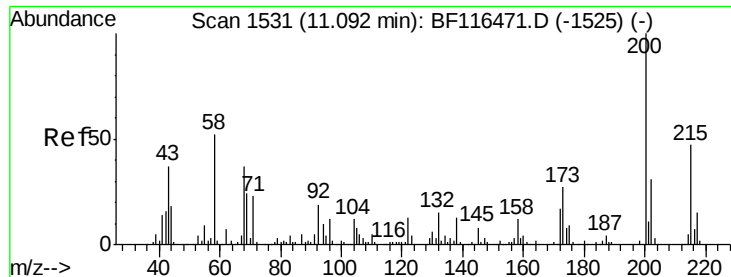
#68
 Hexachlorobenzene
 Concen: 42.324 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	27.8	41.8
249	30.3	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

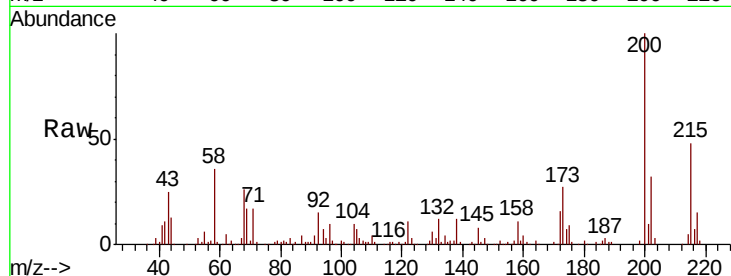




#69
 Atrazine
 Concen: 39.057 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.8	46.8
215	48.5	28.5	68.5

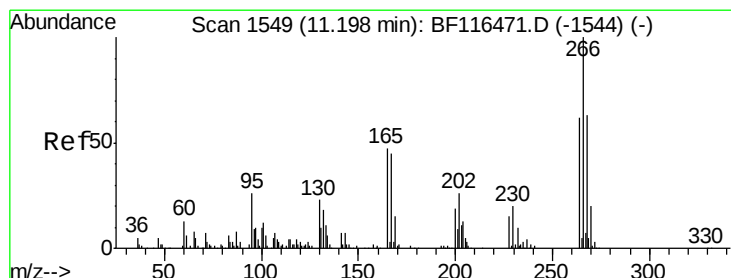
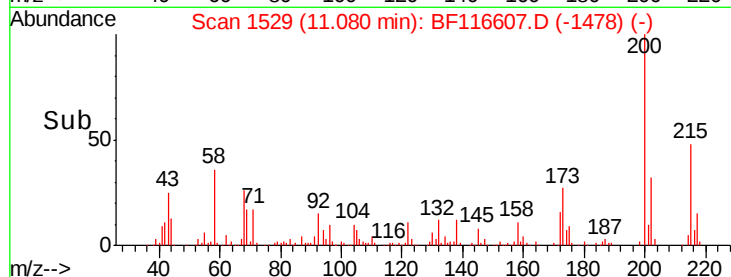
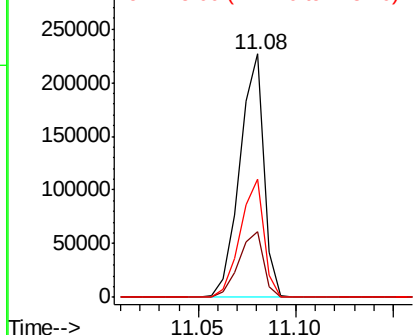


Abundance

Ion 200.00 (199.70 to 200.70): E

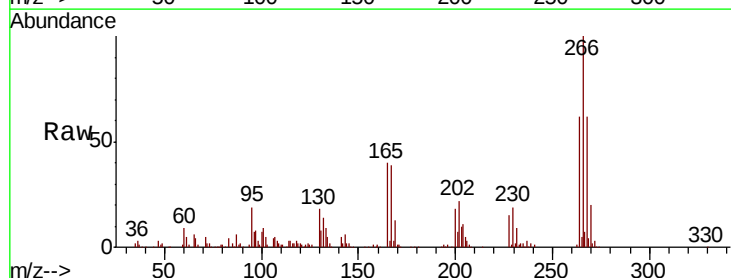
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 44.271 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	49.8	74.8
264	62.4	49.9	74.9

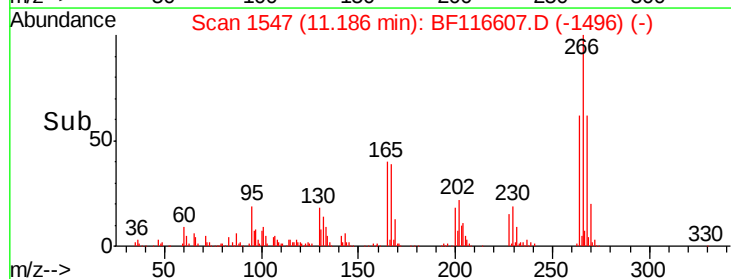
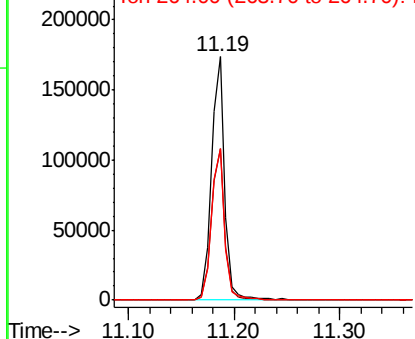


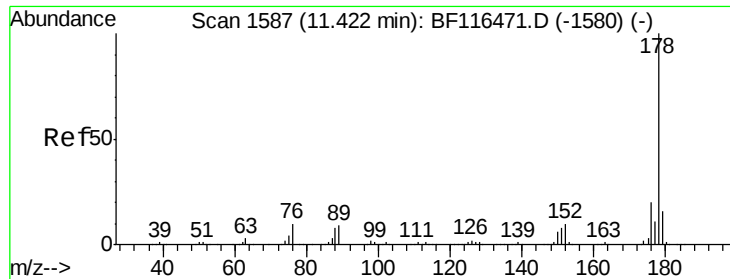
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

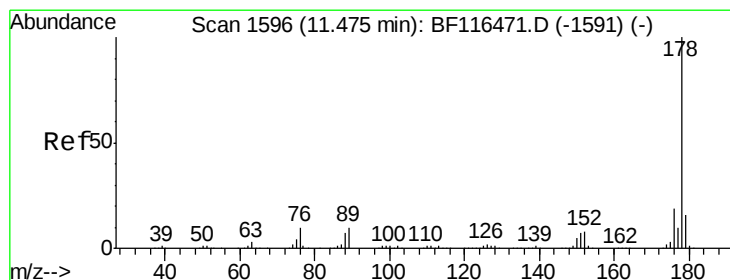
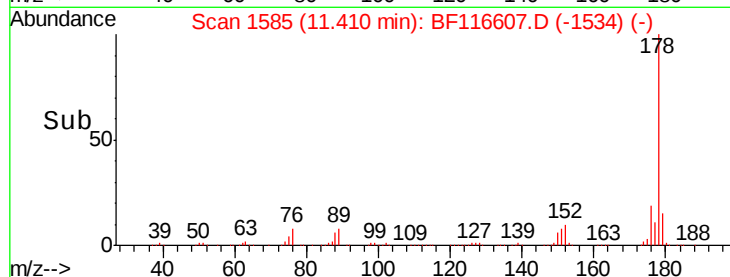
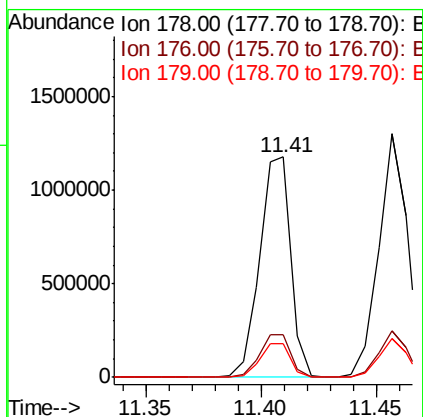
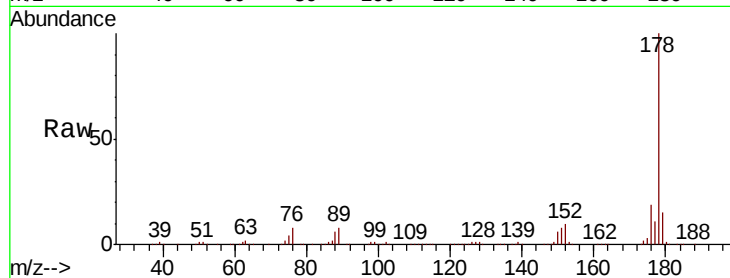




#71
 Phenanthrene
 Concen: 39.539 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

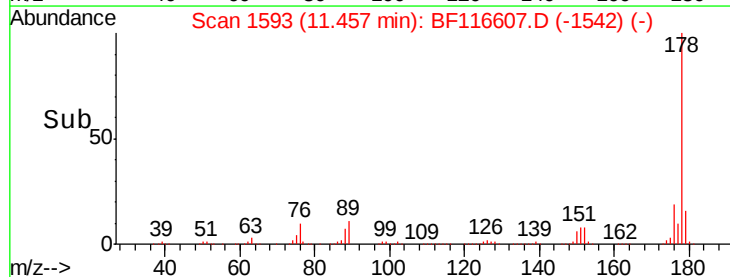
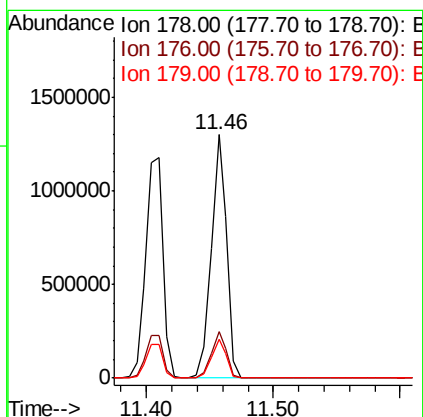
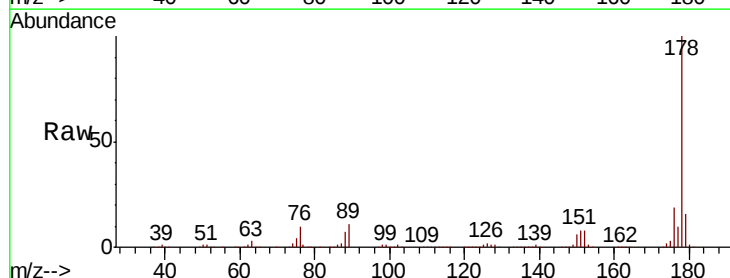
Instrument :
 BNA_F
 ClientSampleId :

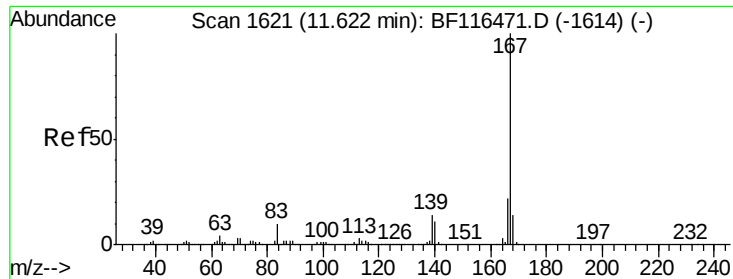
Tot Ion:178 Resp: 1103094
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.5 12.4 18.6



#72
 Anthracene
 Concen: 39.640 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion:178 Resp: 1111297
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.9 12.7 19.1

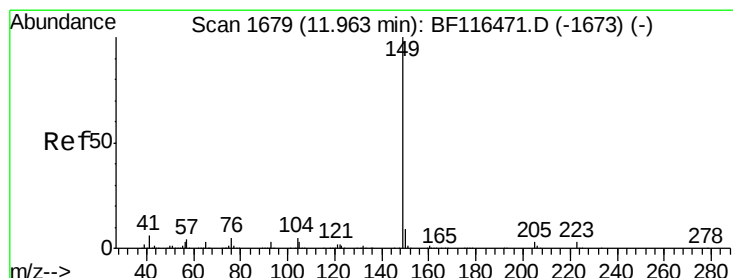
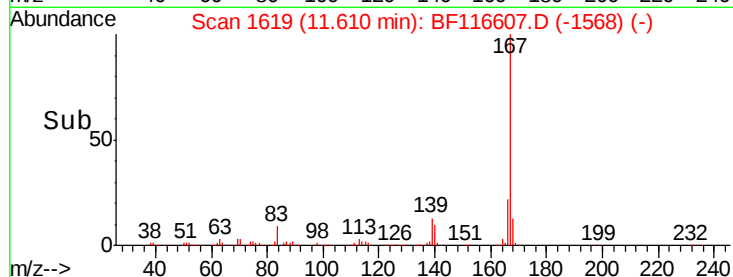
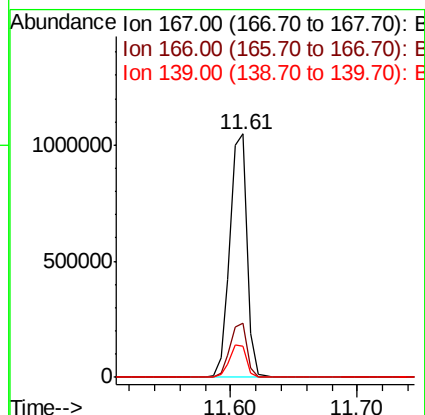
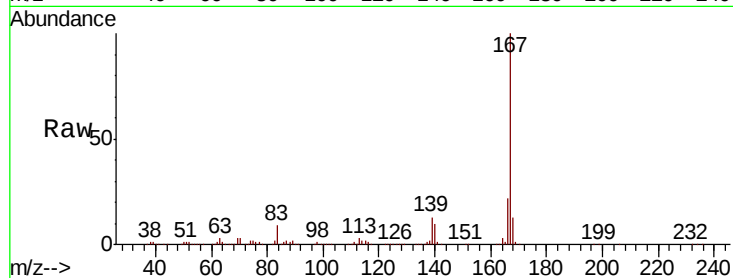




#73
 Carbazole
 Concen: 39.049 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

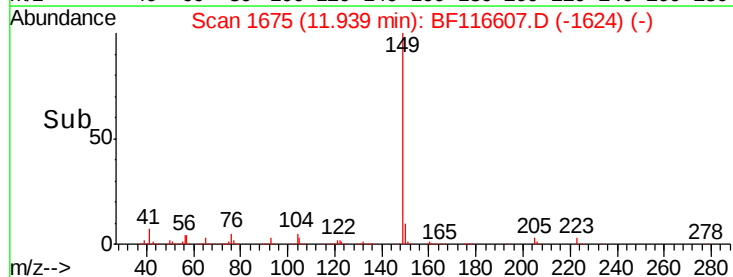
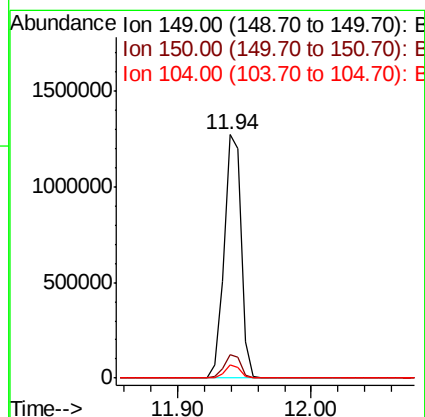
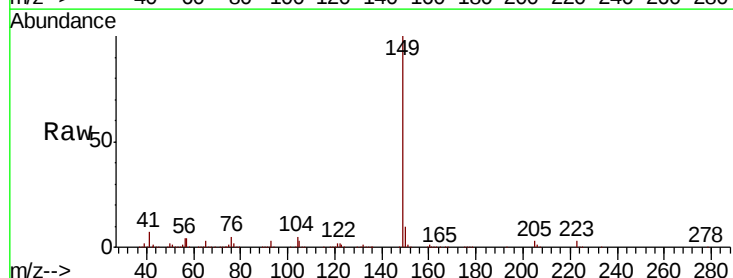
Instrument :
 BNA_F
 ClientSampleId :

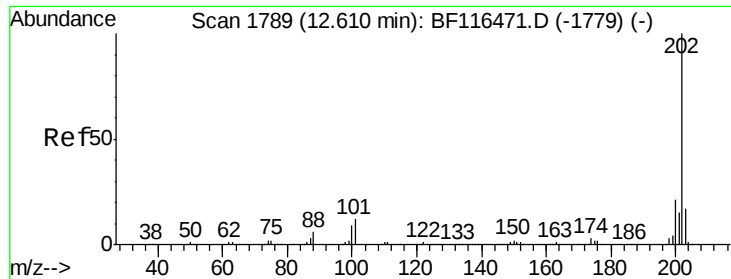
Tot Ion:167 Resp: 982636
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 36.782 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion:149 Resp: 1146967
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 36.940 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

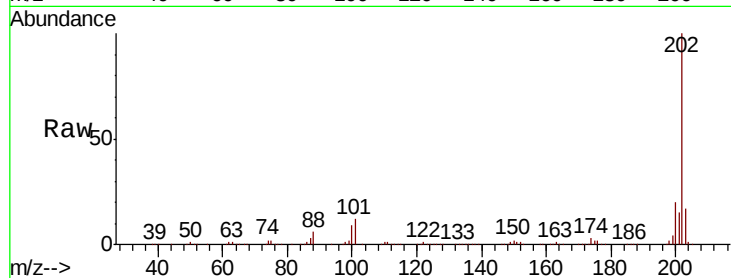
Tot Ion:202 Resp: 1065476

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.8

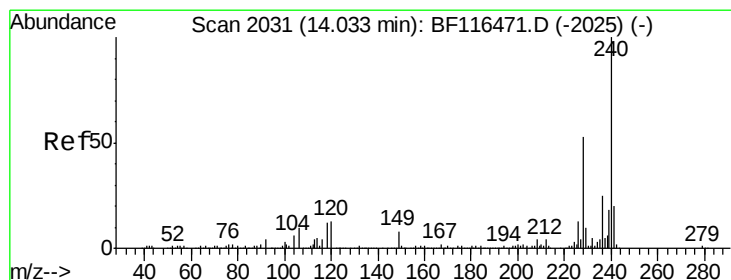
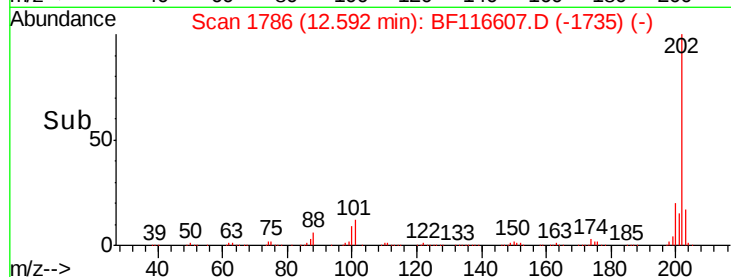
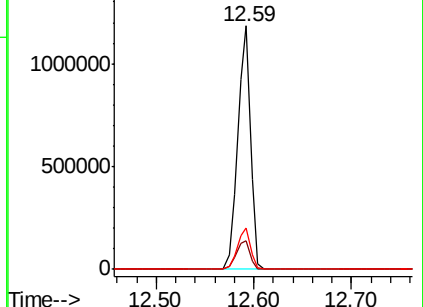
203 17.1 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

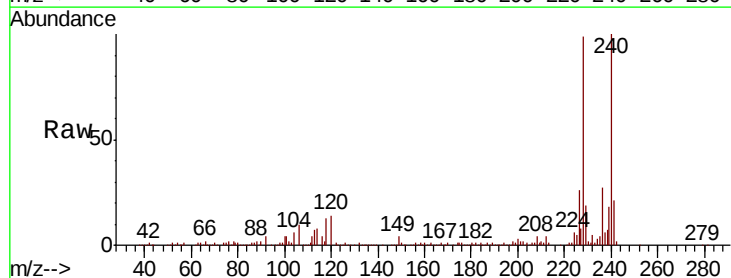
Tgt Ion:240 Resp: 272255

Ion Ratio Lower Upper

240 100

120 14.1 11.3 16.9

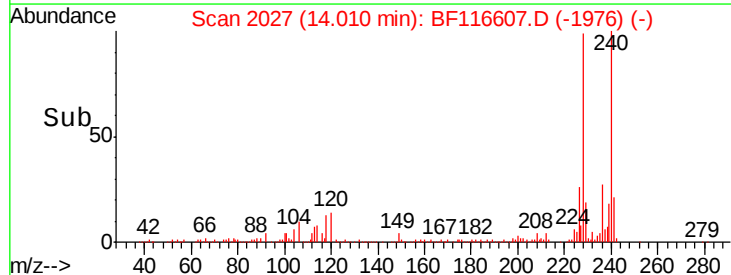
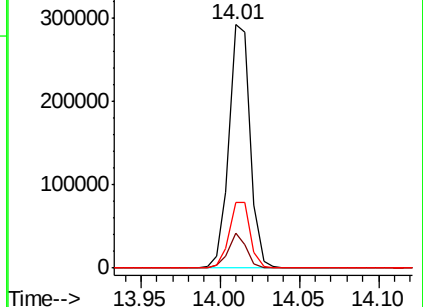
236 26.8 21.4 32.2

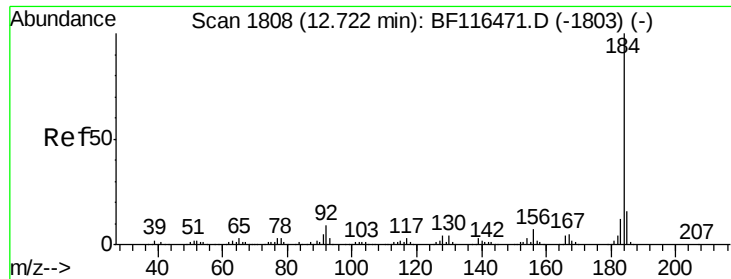


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.618 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

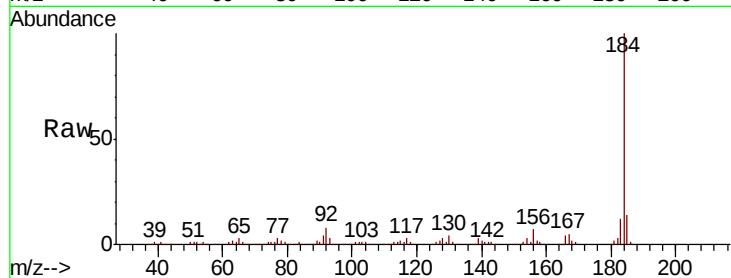
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 477775

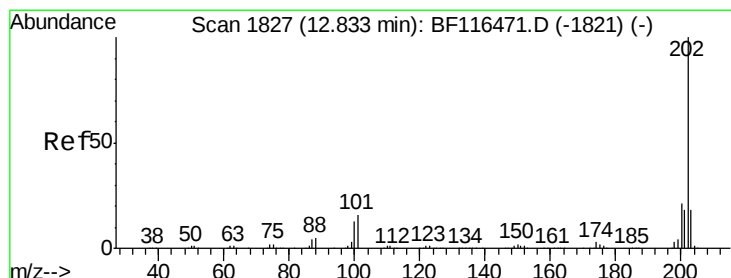
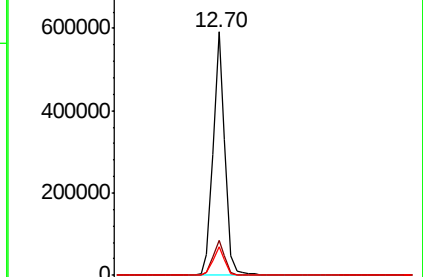
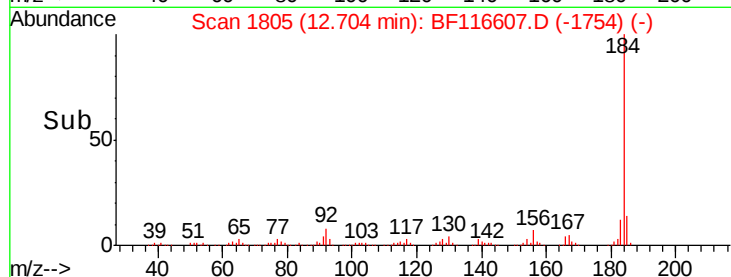
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.6	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.620 ng

RT: 12.82 min Scan# 1825

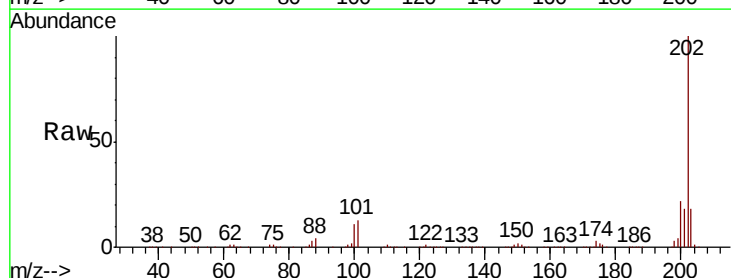
Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Tgt Ion:202 Resp: 1058587

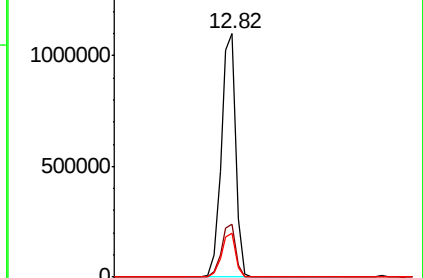
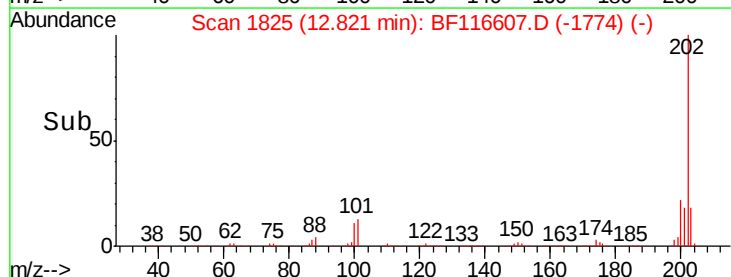
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	17.8	14.2	21.4

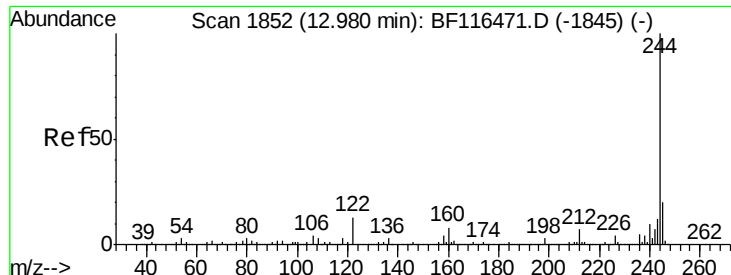


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

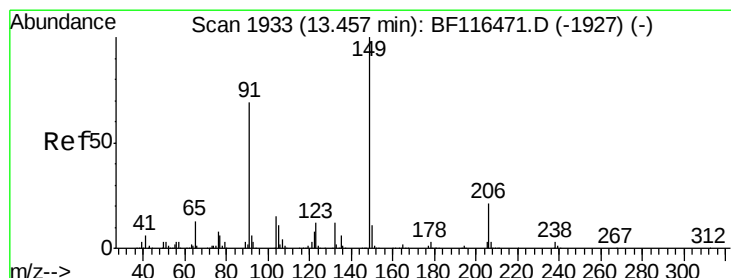
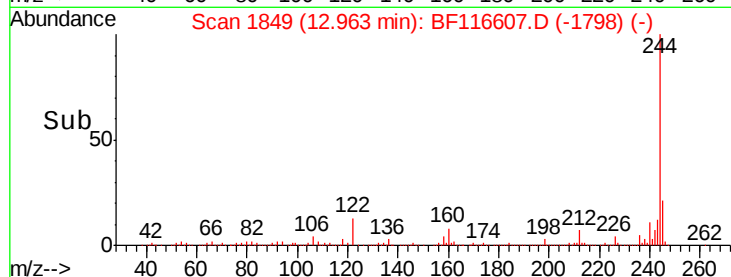
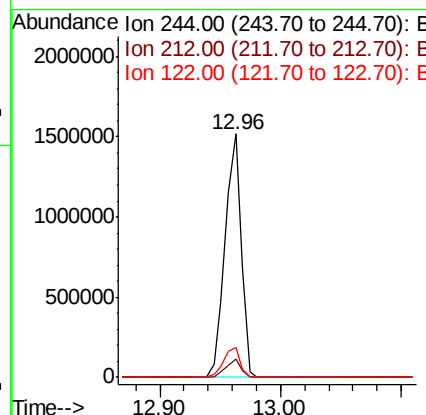
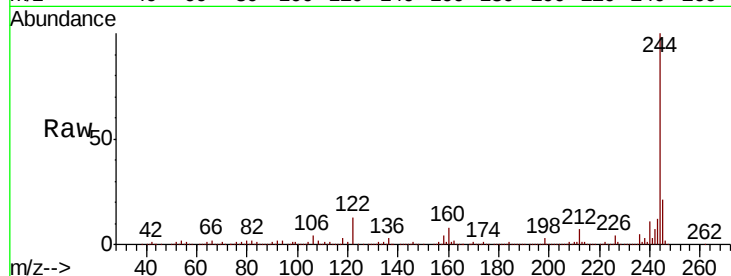




#79
 Terphenyl-d14
 Concen: 96.141 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

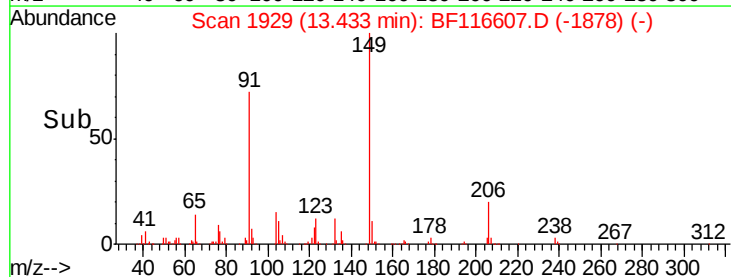
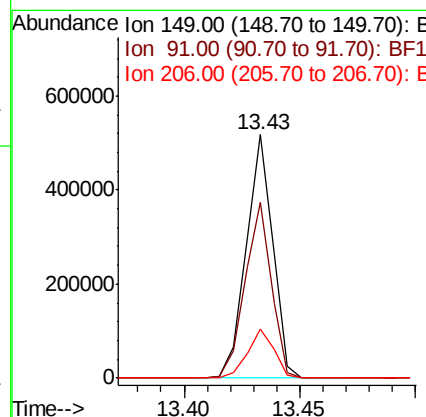
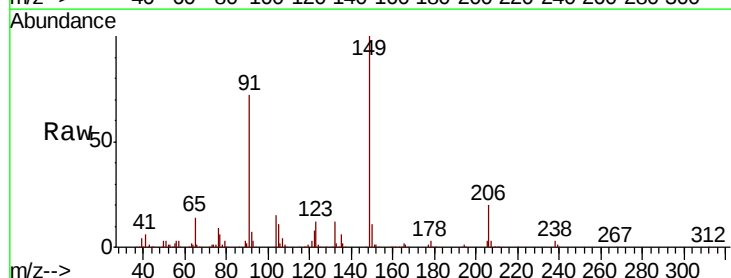
Instrument :
 BNA_F
 ClientSampleId :

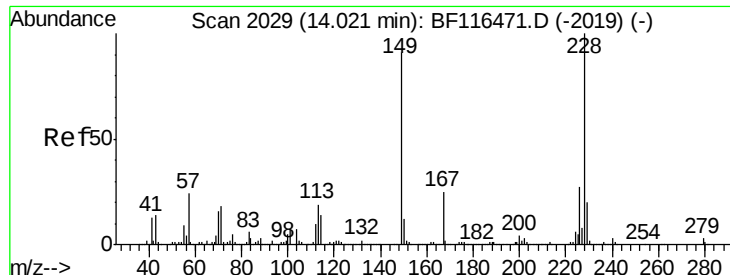
Tot Ion:244 Resp: 1401302
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.5 10.0 15.0



#80
 Butylbenzylphthalate
 Concen: 44.178 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BF116607.D
 Acq: 28 Aug 2019 10:22

Tgt Ion:149 Resp: 415401
 Ion Ratio Lower Upper
 149 100
 91 72.4 57.9 86.9
 206 20.3 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.874 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampled :

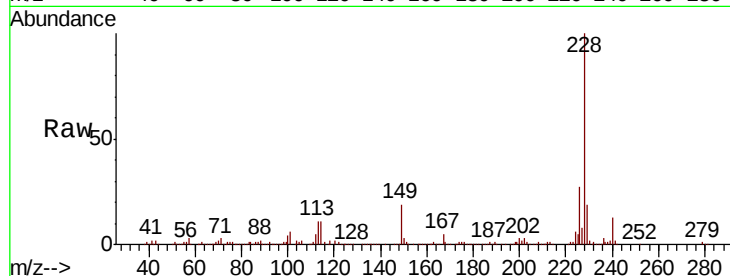
Tot Ion:228 Resp: 738365

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

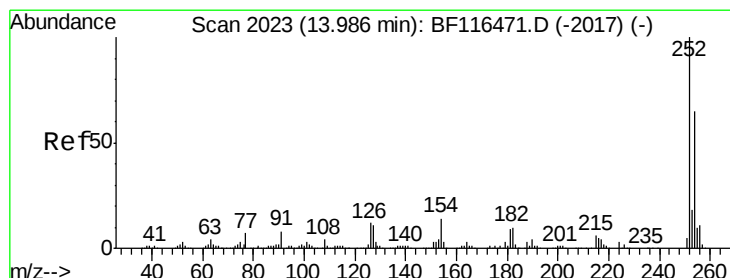
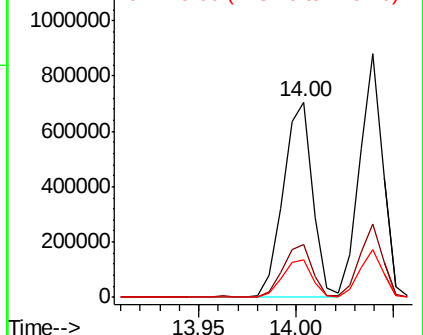
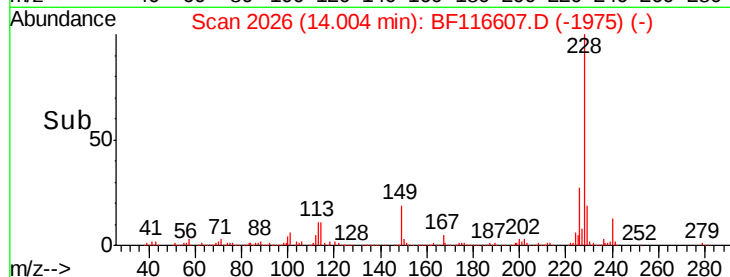
229 19.2 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.136 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

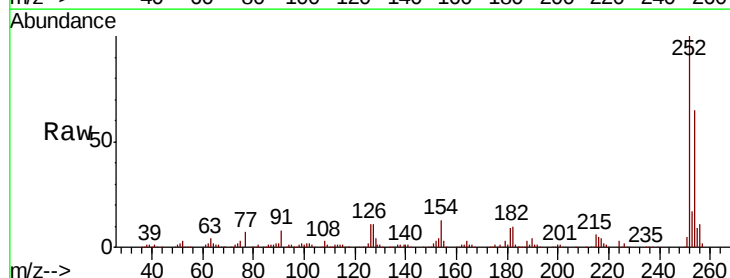
Tgt Ion:252 Resp: 252203

Ion Ratio Lower Upper

252 100

254 64.9 51.9 77.9

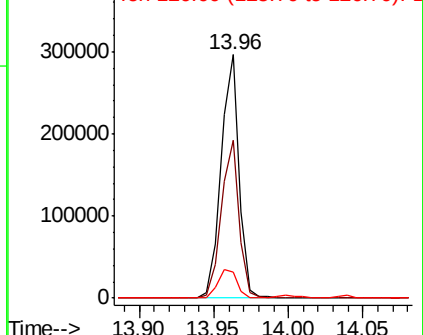
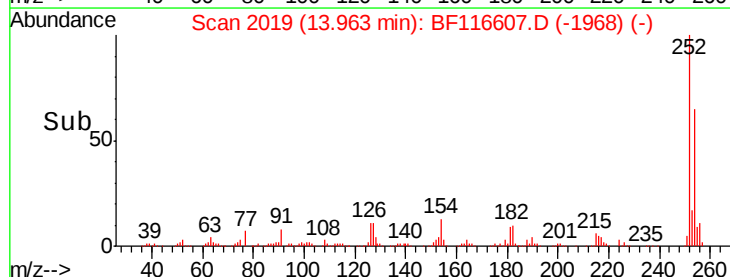
126 10.9 8.7 13.1

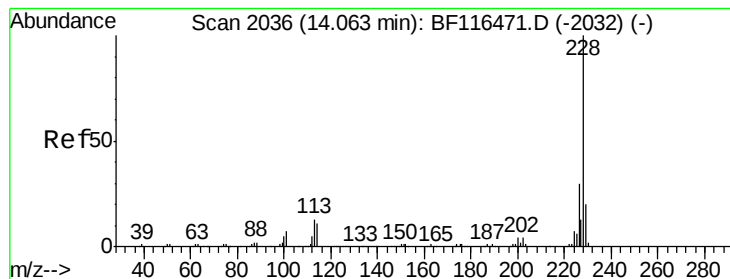


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 40.564 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

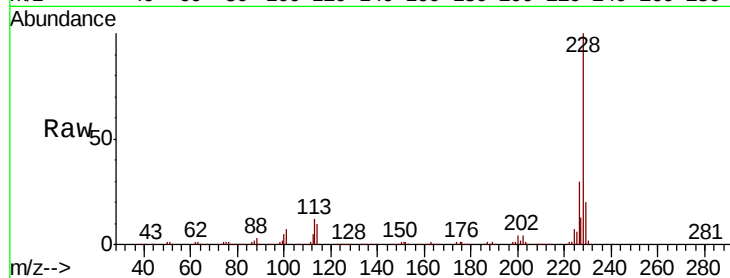
Tot Ion:228 Resp: 724969

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

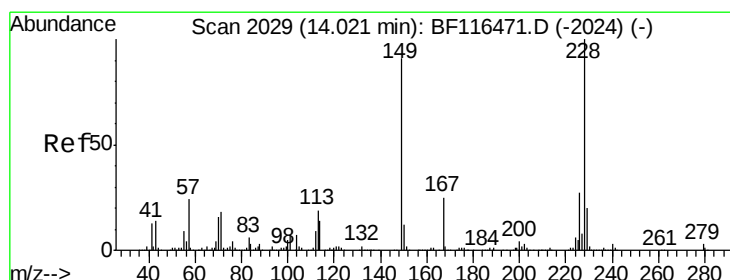
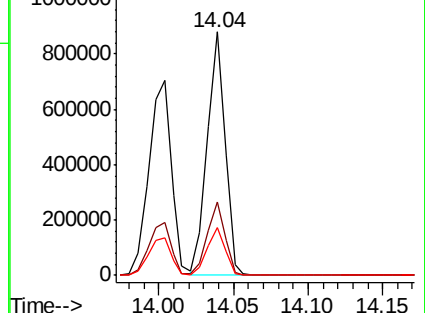
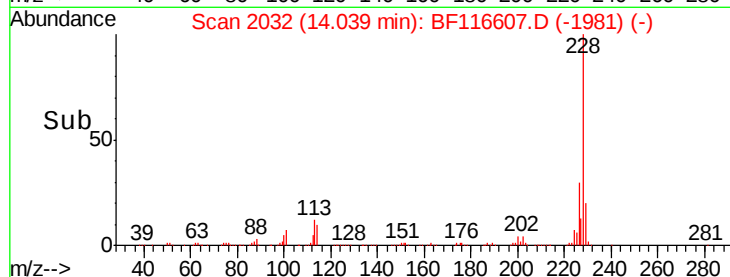
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.151 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

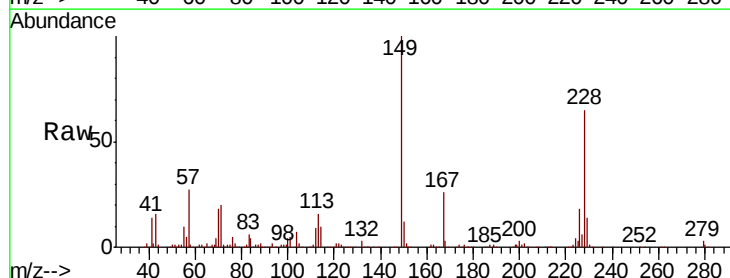
Tgt Ion:149 Resp: 465808

Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

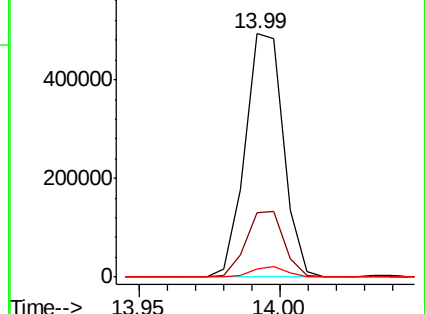
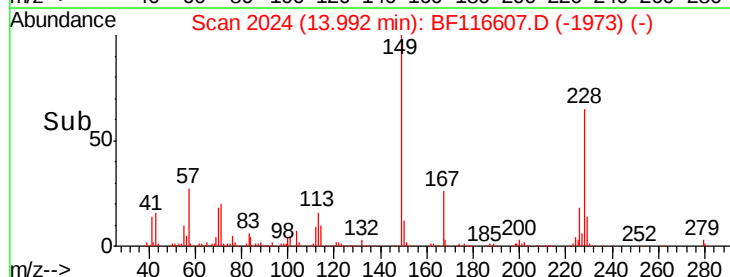
279 3.4 2.7 4.1

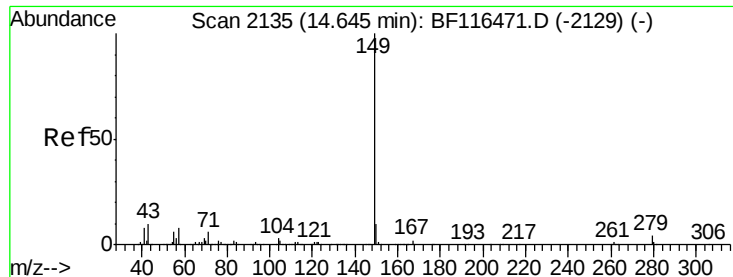


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

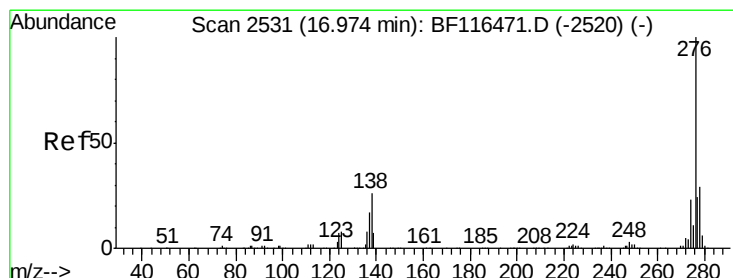
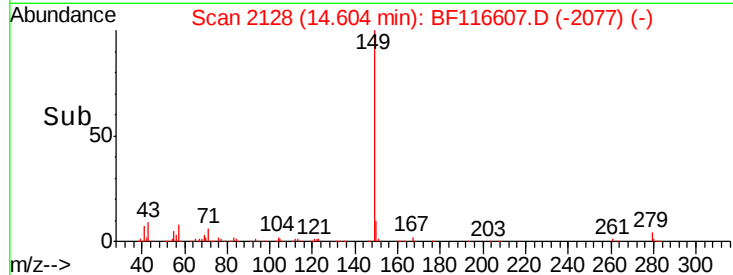
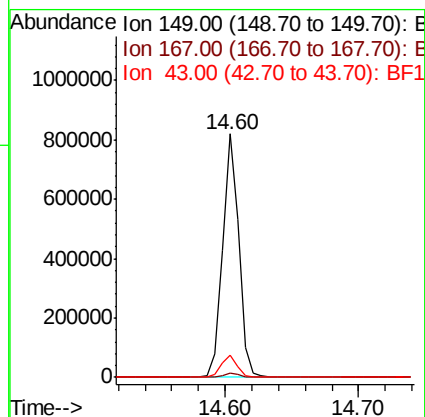
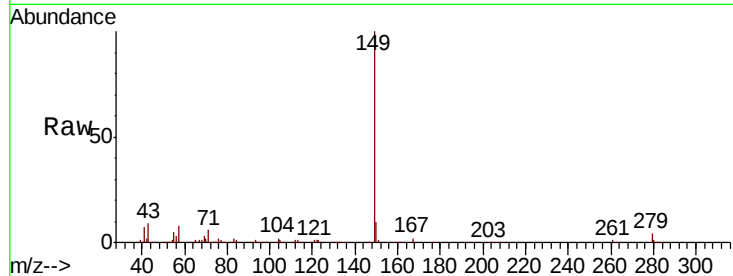




#85
Di-n-octyl phthalate
Concen: 33.064 ng
RT: 14.60 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

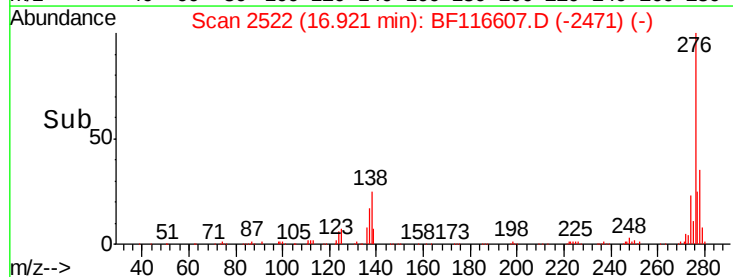
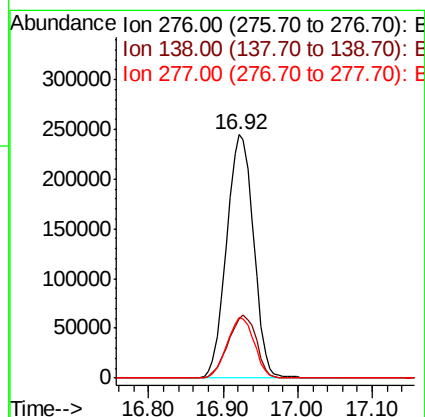
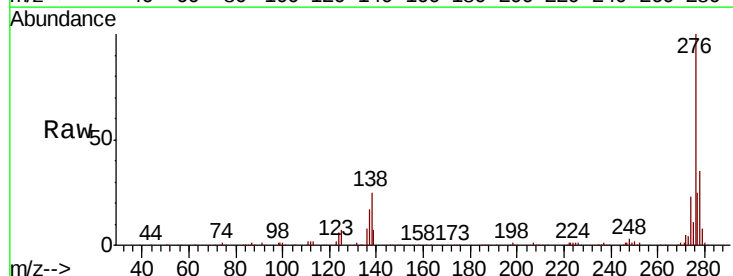
Instrument :
BNA_F
ClientSampleId :

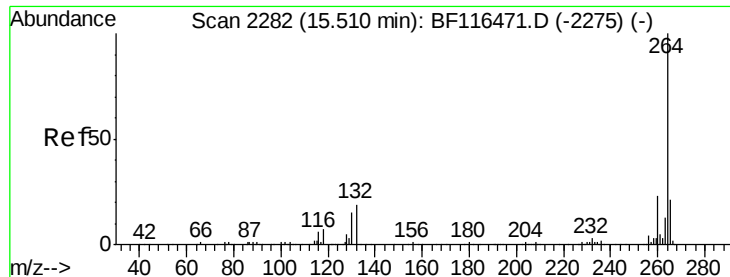
Tot Ion:149 Resp: 703811
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.368 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:276 Resp: 618019
Ion Ratio Lower Upper
276 100
138 26.9 21.5 32.3
277 25.0 20.0 30.0

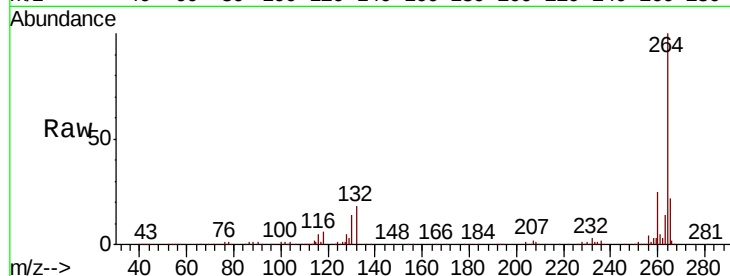




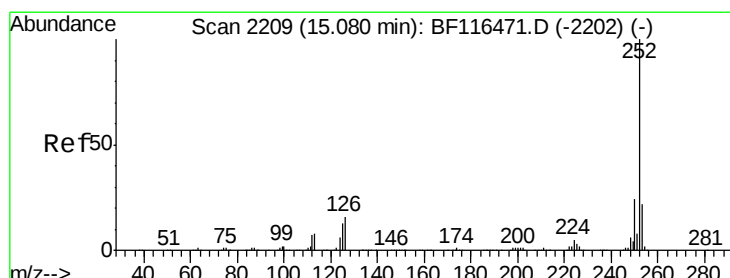
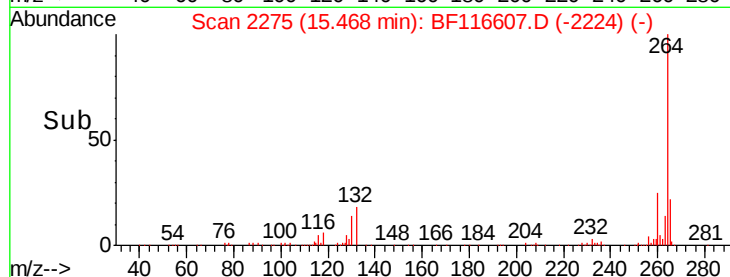
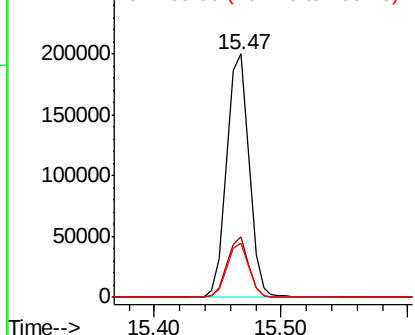
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 244666
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 22.0 17.6 26.4

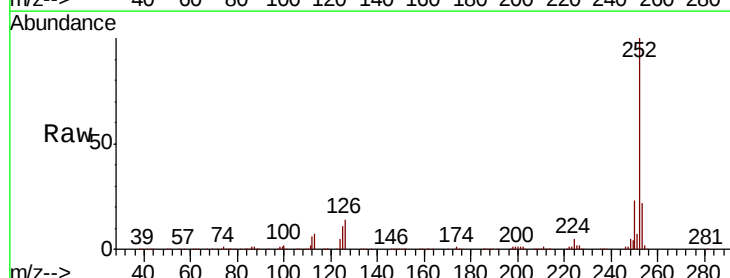


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

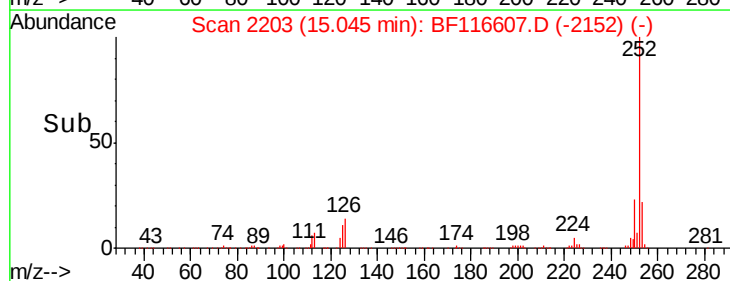
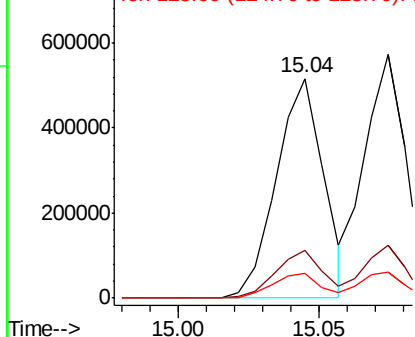


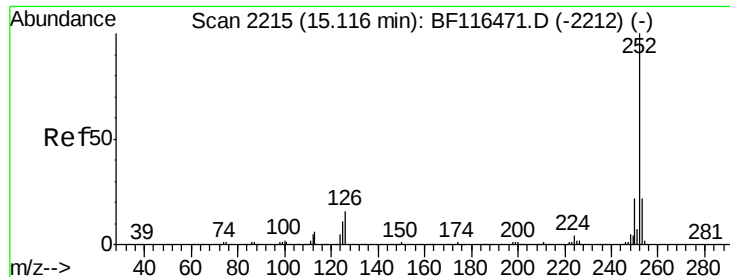
#88
Benzo(b)fluoranthene
Concen: 39.566 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:252 Resp: 598010
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

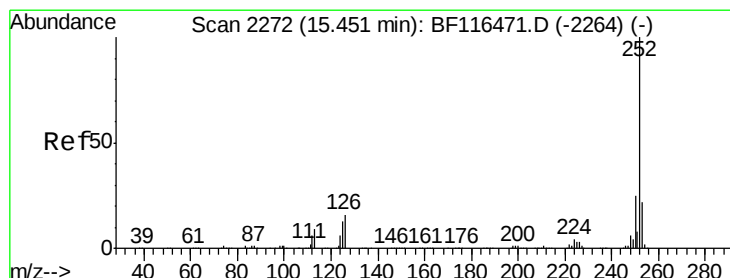
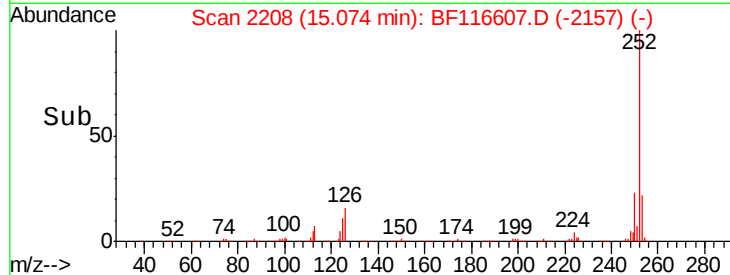
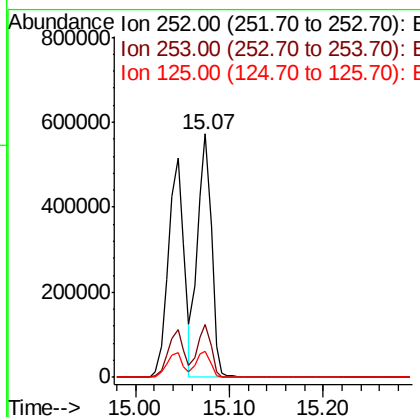
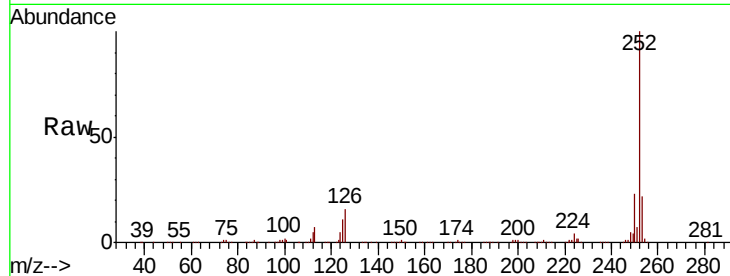




#89
Benzo(k)fluoranthene
Concen: 43.187 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

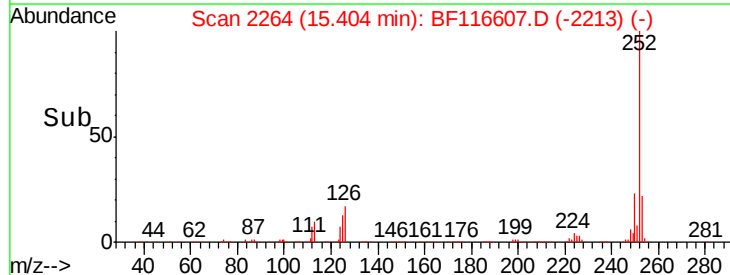
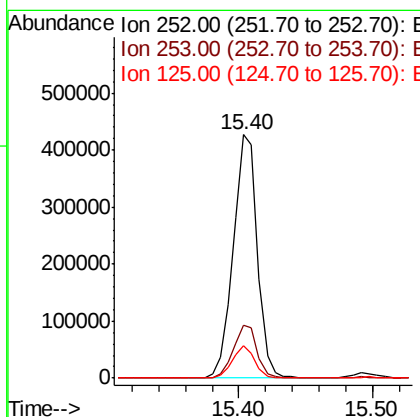
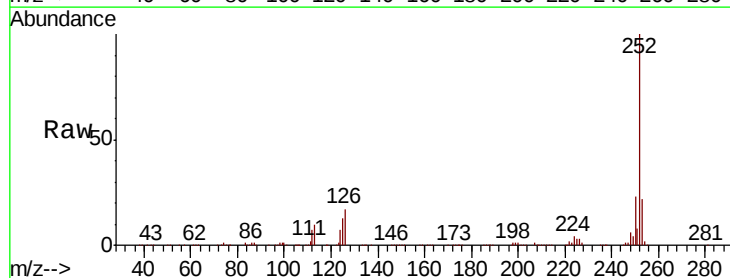
Instrument :
BNA_F
ClientSampleId :

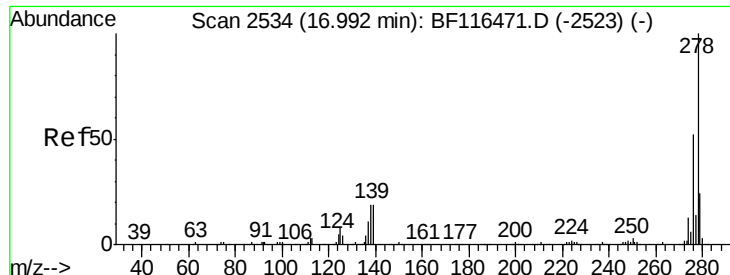
Tot Ion:252 Resp: 591349
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.8 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.409 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF116607.D
Acq: 28 Aug 2019 10:22

Tgt Ion:252 Resp: 539793
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 13.3 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 46.033 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

Instrument :

BNA_F

ClientSampleId :

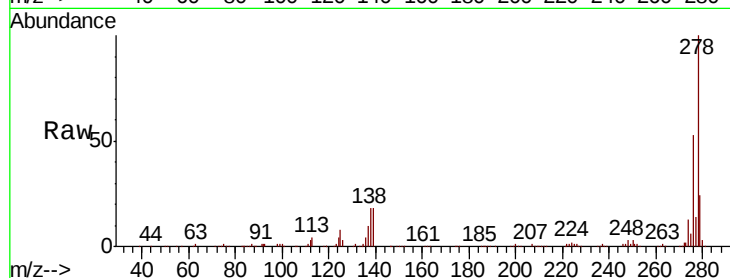
Tot Ion:278 Resp: 505281

Ion Ratio Lower Upper

278 100

139 17.6 14.1 21.1

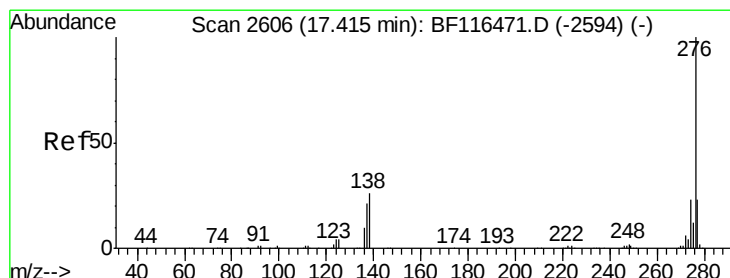
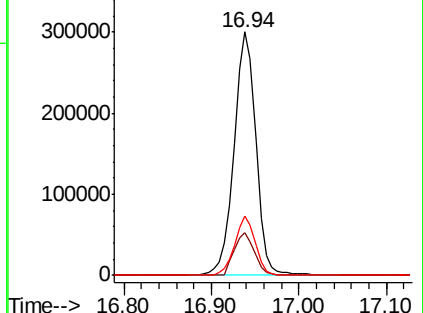
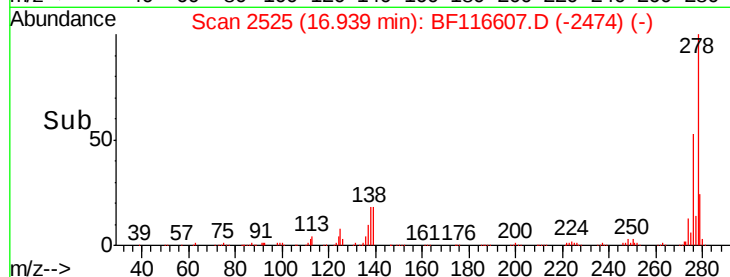
279 24.4 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.282 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF116607.D

Acq: 28 Aug 2019 10:22

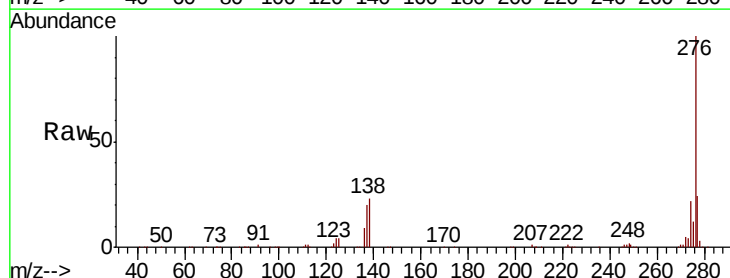
Tgt Ion:276 Resp: 505240

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 22.7 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

