

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116608.D
 Acq On : 28 Aug 2019 10:49
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 11:34:08 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	128710	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	515396	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	211922	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	368618	20.00	ng	0.00
76) Chrysene-d12	14.02	240	219906	20.00	ng	0.00
87) Perylene-d12	15.47	264	189119	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	692897	78.66	ng	0.00
7) Phenol-d6	6.50	99	896501	83.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	886806	94.14	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	199116	109.42	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1282603	97.47	ng	0.00
79) Terphenyl-d14	12.96	244	1271338	107.99	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	170257	44.640	ng	100
3) Pyridine	3.39	79	496010	42.706	ng	100
4) n-Nitrosodimethylamine	3.34	42	184557	43.528	ng	99
6) Aniline	6.53	93	587671	40.189	ng	98
8) 2-Chlorophenol	6.66	128	379267	41.029	ng	96
9) Benzaldehyde	6.42	77	274429	38.027	ng	96
10) Phenol	6.51	94	502759	42.865	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	355707	39.831	ng	97
12) 1,3-Dichlorobenzene	6.81	146	481736	48.148	ng	99
13) 1,4-Dichlorobenzene	6.89	146	484125	50.274	ng	99
14) 1,2-Dichlorobenzene	7.04	146	443744	48.848	ng	98
15) Benzyl Alcohol	7.00	79	381549	43.651	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	522170	42.289	ng	100
17) 2-Methylphenol	7.12	107	352412	46.013	ng	99
18) Hexachloroethane	7.39	117	175485	46.726	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	302076	40.987	ng	97
20) 3+4-Methylphenols	7.27	107	432986	46.149	ng	91
22) Acetophenone	7.27	105	589833	45.767	ng	# 94
24) Nitrobenzene	7.45	77	451505	46.280	ng	97
25) Isophorone	7.69	82	810835	43.676	ng	99
26) 2-Nitrophenol	7.76	139	219573	61.616	ng	96
27) 2,4-Dimethylphenol	7.80	122	335376	45.105	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	509811	44.468	ng	99
29) 2,4-Dichlorophenol	8.00	162	350872	49.620	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	395811	49.722	ng	98
31) Naphthalene	8.17	128	1180344	47.341	ng	100
32) Benzoic acid	7.92	122	295113	62.084	ng	100
33) 4-Chloroaniline	8.22	127	523586	47.836	ng	98
34) Hexachlorobutadiene	8.29	225	217156	50.019	ng	99
35) Caprolactam	8.59	113	85983	34.909	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	303492	38.039	ng	97
37) 2-Methylnaphthalene	8.86	142	638689	37.309	ng	97
38) 1-Methylnaphthalene	8.96	142	604363	37.793	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	290915	51.023	ng	99

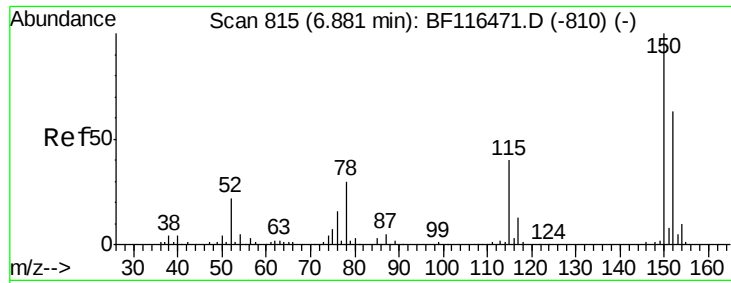
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	171001	55.743	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	201800	50.571	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	209344	51.559	nq	97
46) 1,1'-Biphenyl	9.33	154	820509	48.426	nq	100
47) 2-Chloronaphthalene	9.35	162	639658	48.697	nq	98
48) 2-Nitroaniline	9.44	65	203848	50.685	nq	93
49) Acenaphthylene	9.76	152	933005	48.549	nq	100
50) Dimethylphthalate	9.62	163	711569	48.125	nq	99
51) 2,6-Dinitrotoluene	9.68	165	157532	52.052	nq	91
52) Acenaphthene	9.94	154	608236	49.323	nq	98
53) 3-Nitroaniline	9.85	138	184196	51.058	nq	96
54) 2,4-Dinitrophenol	9.95	184	77401	81.341	nq	# 39
55) Dibenzofuran	10.11	168	833191	48.470	nq	98
56) 4-Nitrophenol	10.00	139	141036	50.299	nq	88
57) 2,4-Dinitrotoluene	10.08	165	206646	53.660	nq	92
58) Fluorene	10.45	166	631837	47.309	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	169353	50.798	nq	96
60) Diethylphthalate	10.32	149	688373	47.368	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	317436	48.721	nq	98
62) 4-Nitroaniline	10.46	138	183754	52.080	nq	97
63) Azobenzene	10.60	77	680255	45.525	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	98852	73.403	nq	91
66) n-Nitrosodiphenylamine	10.56	169	570676	47.812	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	188551	48.790	nq	95
68) Hexachlorobenzene	11.00	284	210499	49.247	nq	95
69) Atrazine	11.08	200	167521	46.844	nq	96
70) Pentachlorophenol	11.19	266	128810	51.652	nq	99
71) Phenanthrene	11.41	178	951144	47.366	nq	99
72) Anthracene	11.46	178	962972	47.723	nq	100
73) Carbazole	11.61	167	840110	46.383	nq	99
74) Di-n-butylphthalate	11.94	149	1026913	45.754	nq	99
75) Fluoranthene	12.59	202	940457	45.300	nq	98
77) Benzidine	12.70	184	351466	39.725	nq	99
78) Pyrene	12.82	202	946039	53.795	nq	99
80) Butylbenzylphthalate	13.43	149	372523	49.049	nq	97
81) Benzo(a)anthracene	14.00	228	701340	49.243	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	237169	46.728	nq	99
83) Chrysene	14.04	228	693868	48.066	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	448612	44.297	nq	# 99
85) Di-n-octyl phthalate	14.61	149	663376	38.583	nq	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	577110	46.670	nq	100
88) Benzo(b)fluoranthene	15.04	252	592249	50.694	nq	98
89) Benzo(k)fluoranthene	15.07	252	524119	49.520	nq	99
90) Benzo(a)pyrene	15.41	252	503392	48.753	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	471802	55.607	nq	98
92) Benzo(g,h,i)perylene	17.37	276	538196	66.537	nq	97

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

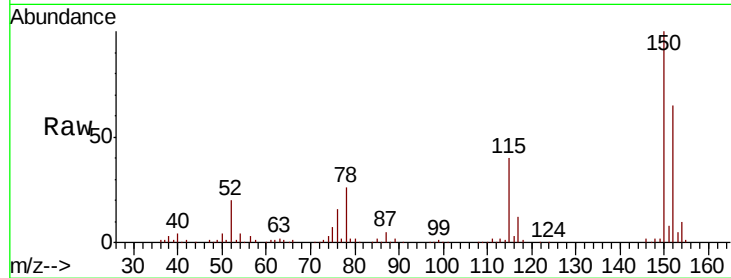


#1

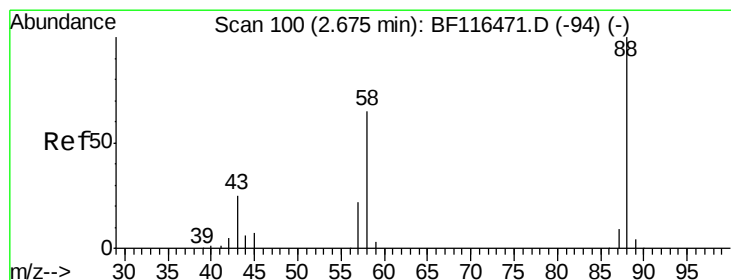
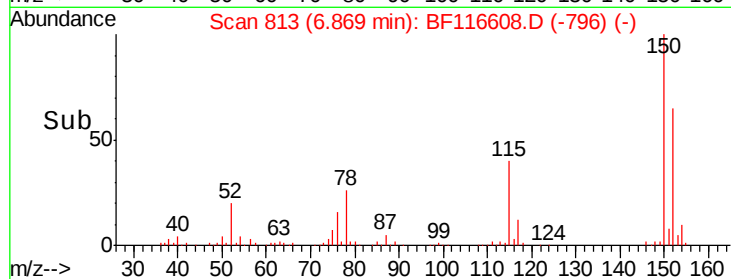
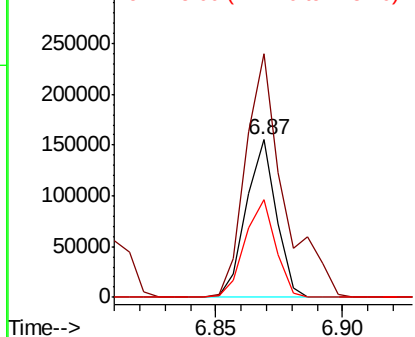
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128710
Ion Ratio Lower Upper
152 100
150 154.3 123.4 185.2
115 62.1 48.2 72.2



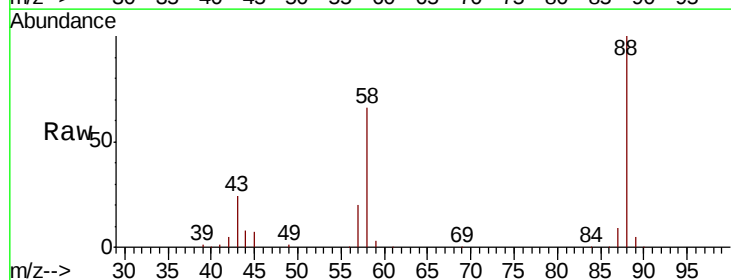
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



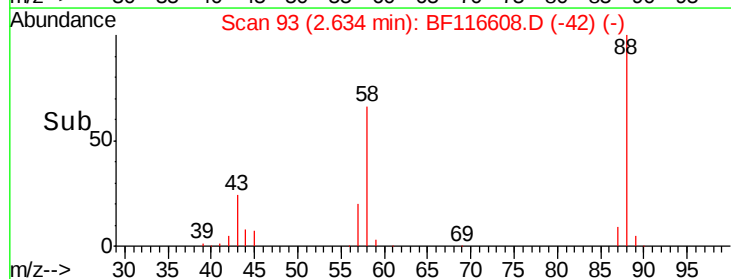
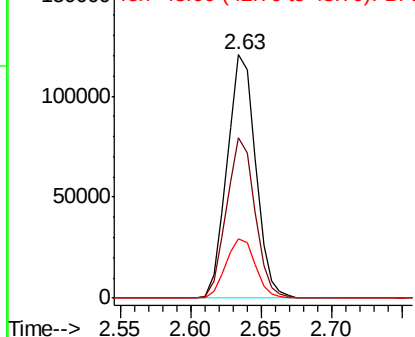
#2

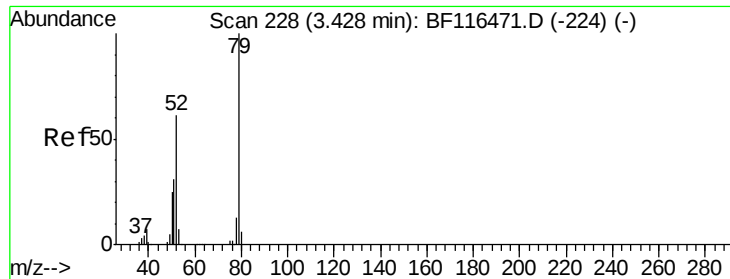
1,4-Dioxane
Concen: 44.640 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion: 88 Resp: 170257
Ion Ratio Lower Upper
88 100
58 65.3 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: 42.706 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

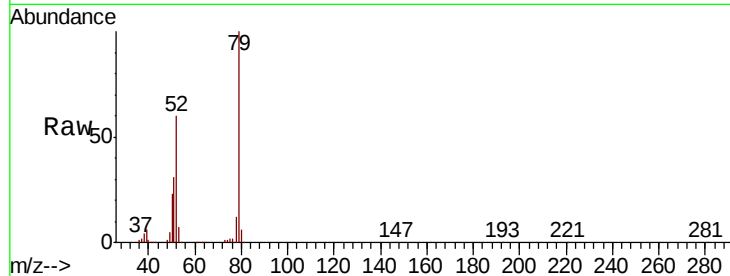
Tot Ion: 79 Resp: 496010

Ion Ratio Lower Upper

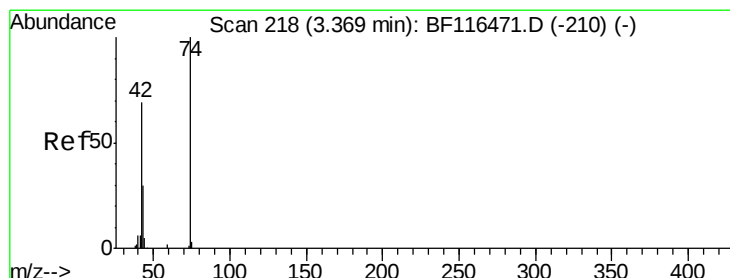
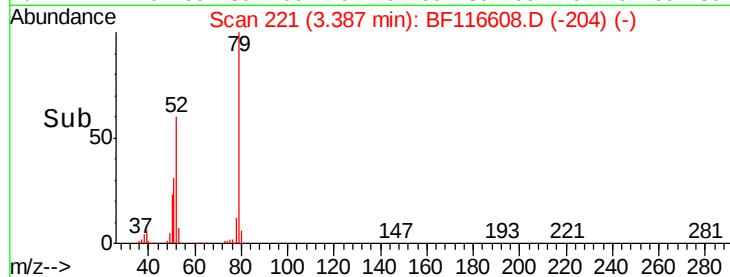
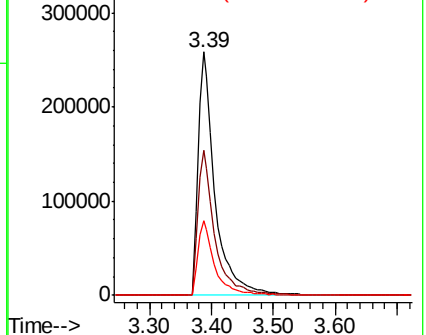
79 100

52 59.7 47.9 71.9

51 30.8 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: 43.528 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

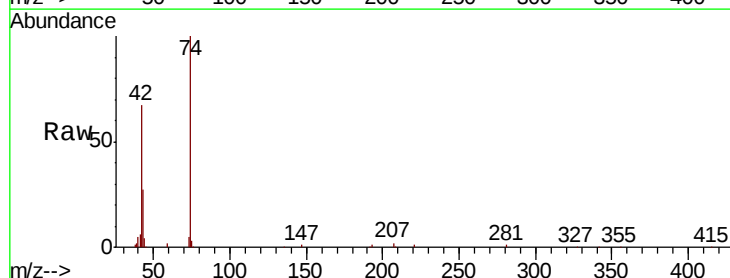
Tgt Ion: 42 Resp: 184557

Ion Ratio Lower Upper

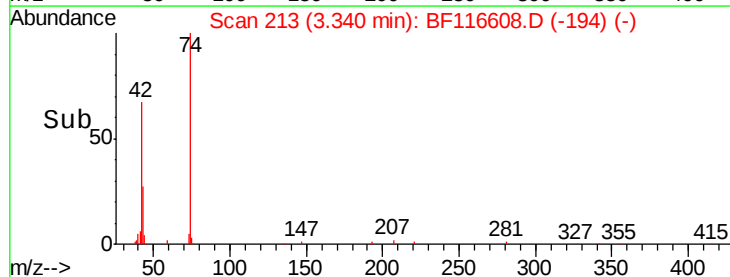
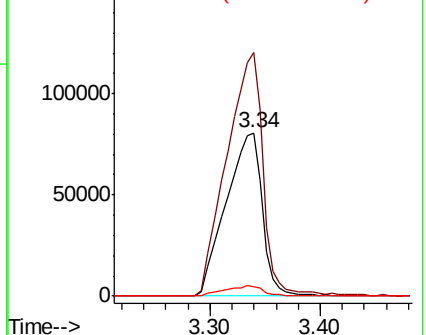
42 100

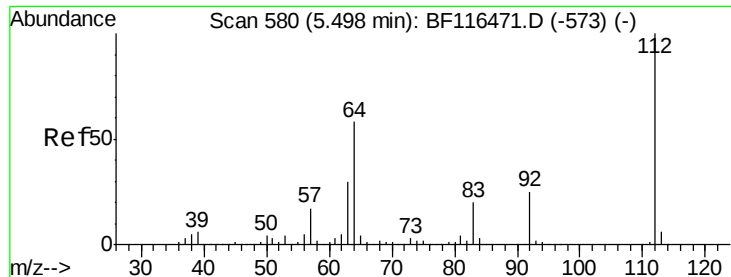
74 149.2 120.0 180.0

44 6.1 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: 78.659 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampled :

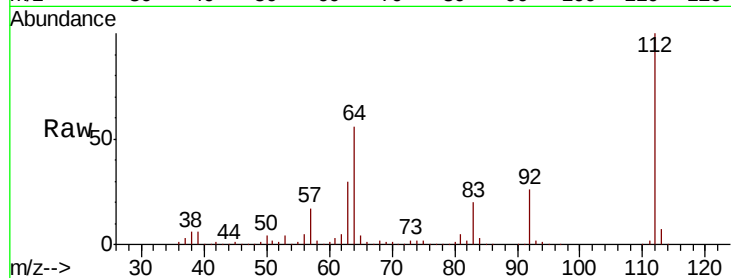
Tot Ion: 112 Resp: 692897

Ion Ratio Lower Upper

112 100

64 56.5 48.0 72.0

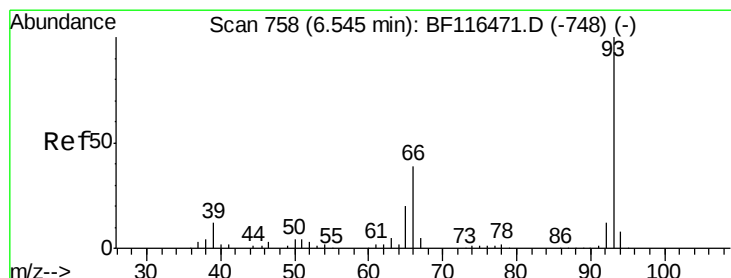
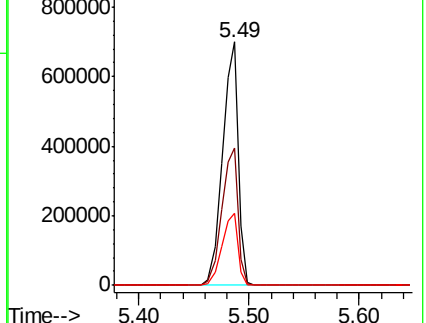
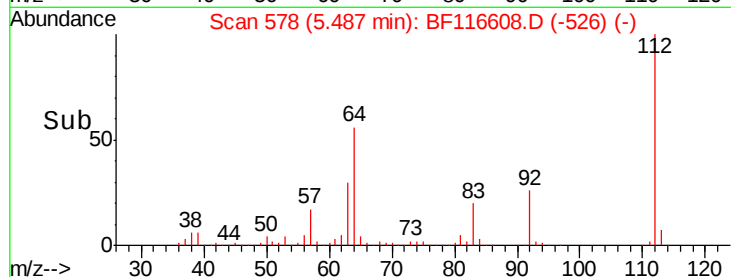
63 29.6 24.6 36.8



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: 40.189 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

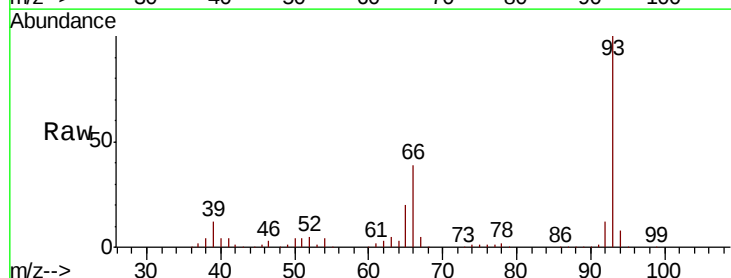
Tgt Ion: 93 Resp: 587671

Ion Ratio Lower Upper

93 100

66 38.9 32.1 48.1

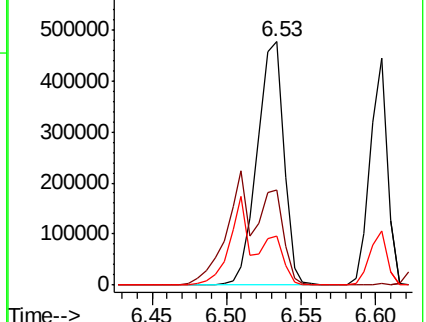
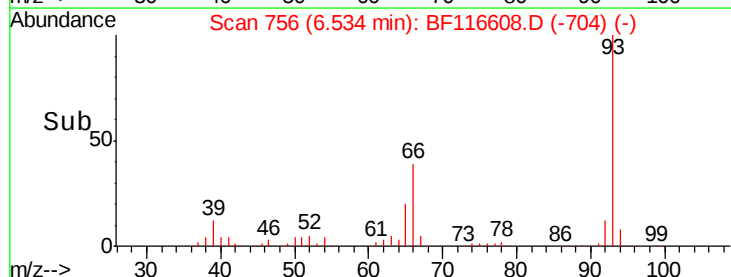
65 19.9 16.2 24.4

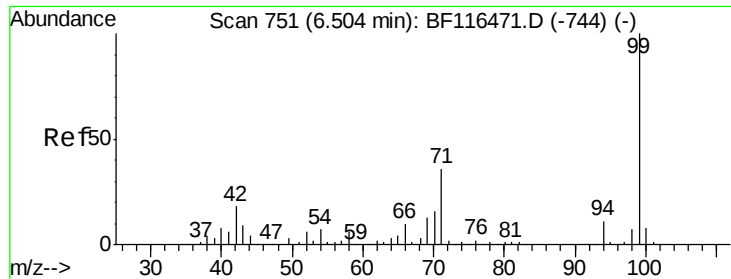


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.002 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampled :

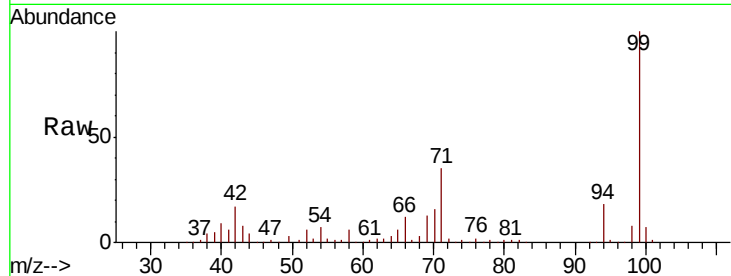
Tot Ion: 99 Resp: 896501

Ion Ratio Lower Upper

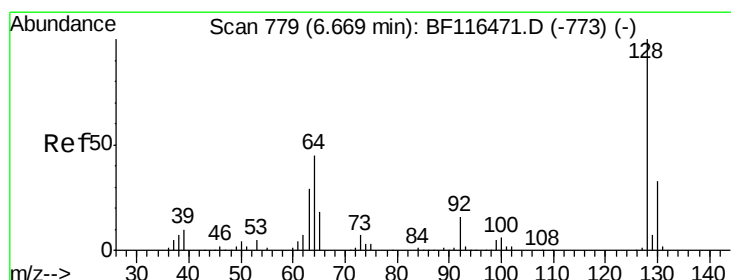
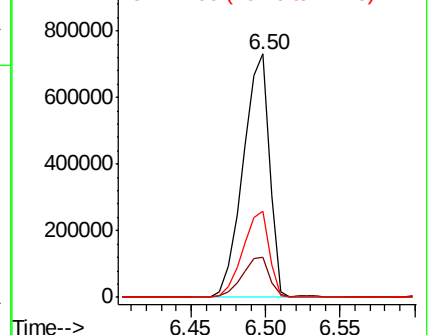
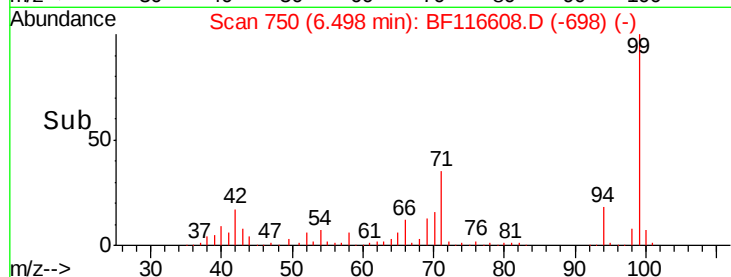
99 100

42 16.5 13.2 19.8

71 35.3 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: 41.029 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

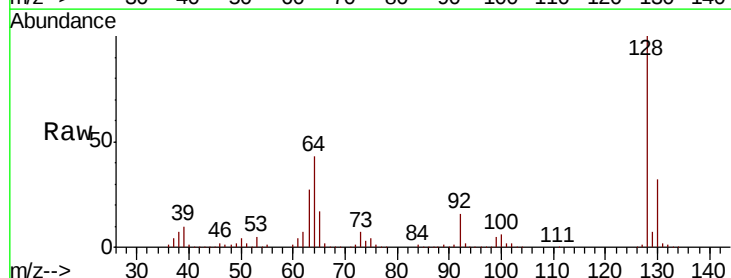
Tgt Ion: 128 Resp: 379267

Ion Ratio Lower Upper

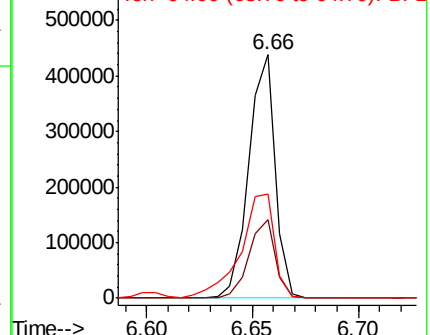
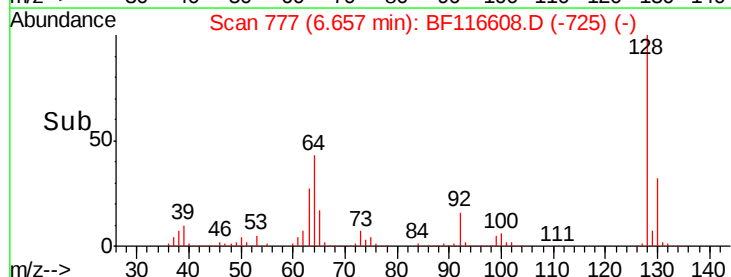
128 100

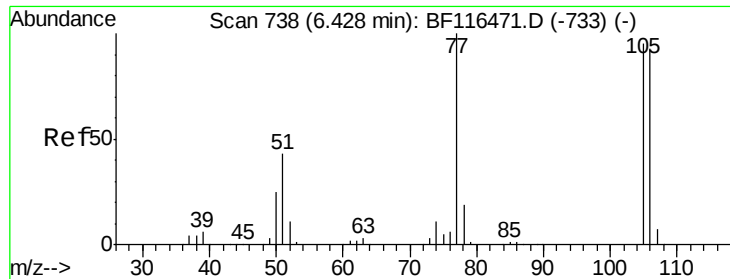
130 32.5 11.8 51.8

64 43.0 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: 38.027 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

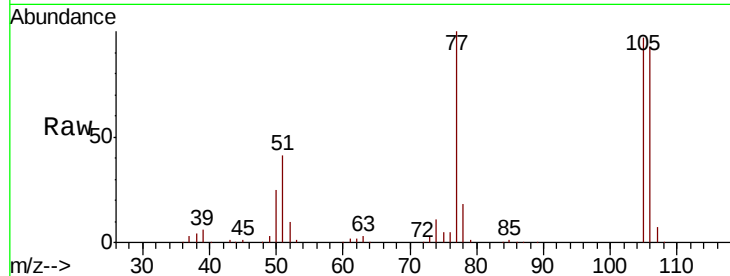
Tot Ion: 77 Resp: 274429

Ion Ratio Lower Upper

77 100

105 97.4 81.6 121.6

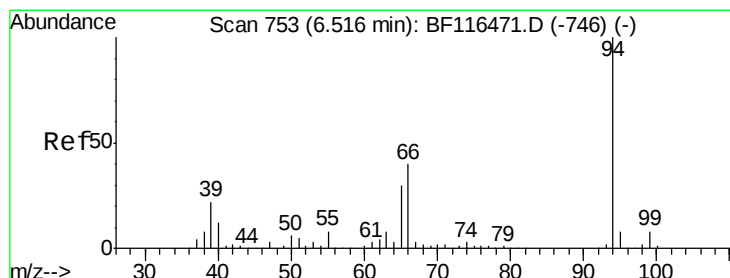
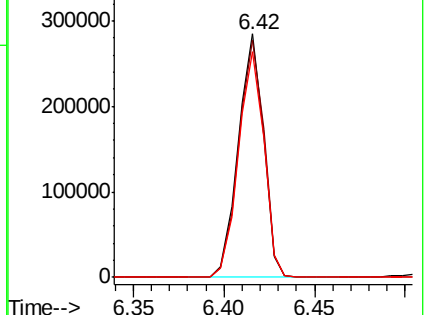
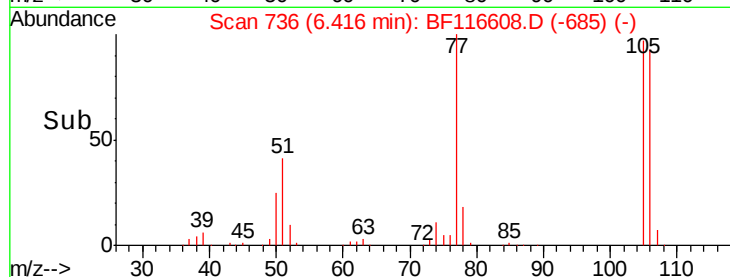
106 92.9 77.1 117.1



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: 42.865 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

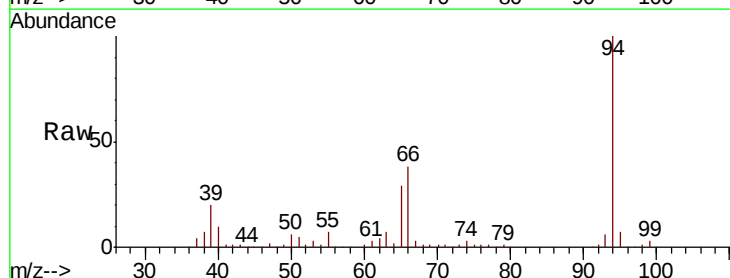
Tgt Ion: 94 Resp: 502759

Ion Ratio Lower Upper

94 100

65 29.1 8.6 48.6

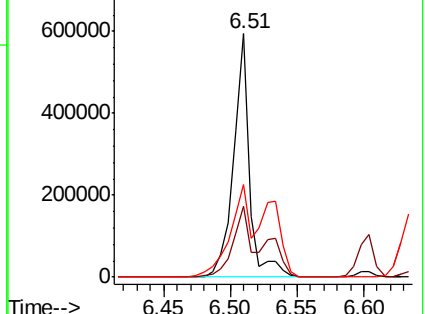
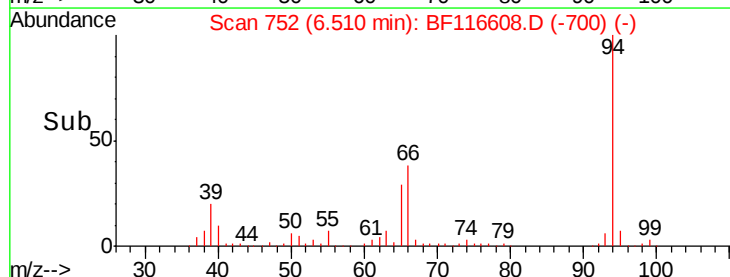
66 37.8 18.0 58.0

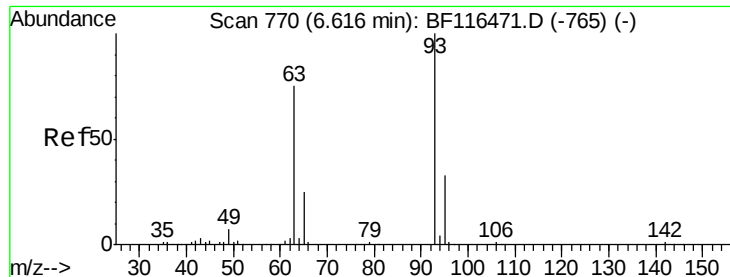


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.831 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampled :

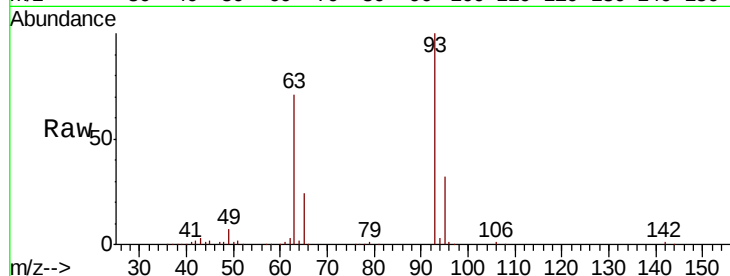
Tot Ion: 93 Resp: 355707

Ion Ratio Lower Upper

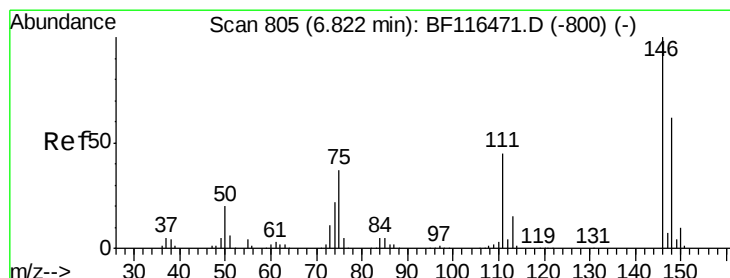
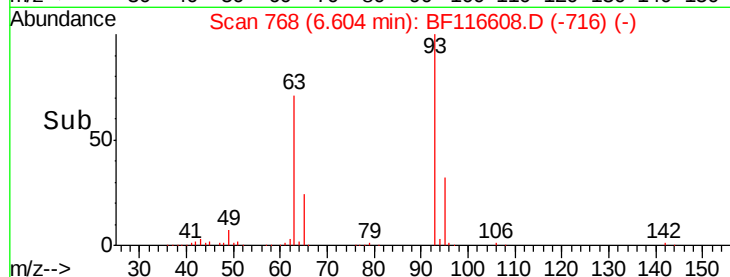
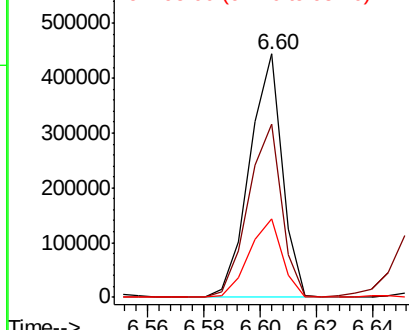
93 100

63 71.3 54.7 94.7

95 32.5 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: 48.148 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

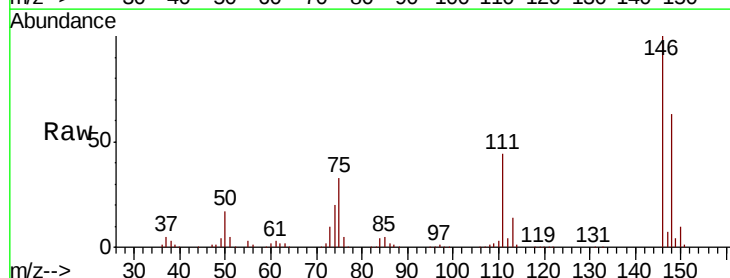
Tgt Ion: 146 Resp: 481736

Ion Ratio Lower Upper

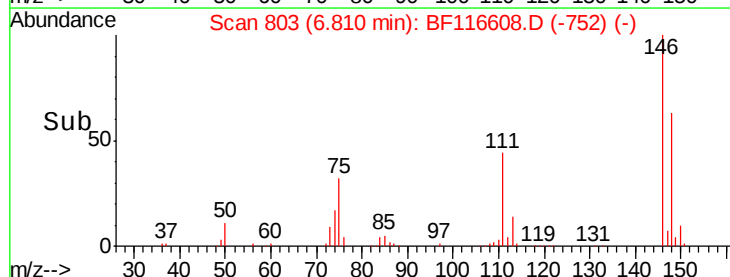
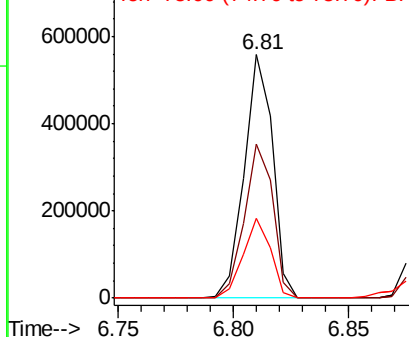
146 100

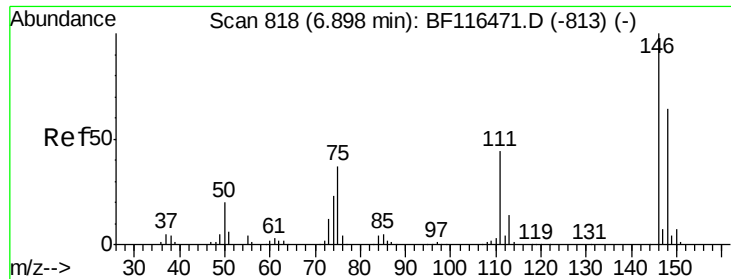
148 63.4 51.0 76.6

75 32.9 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

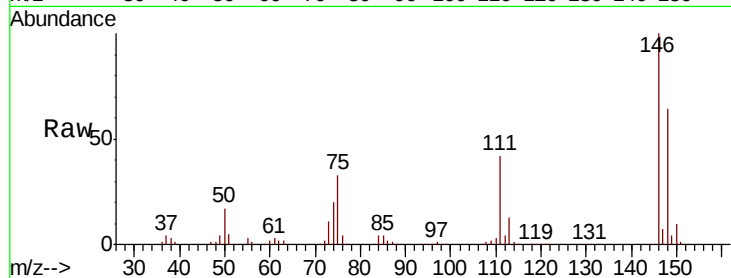




#13
 1,4-Dichlorobenzene
 Concen: 50.274 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	41.6	33.1	49.7

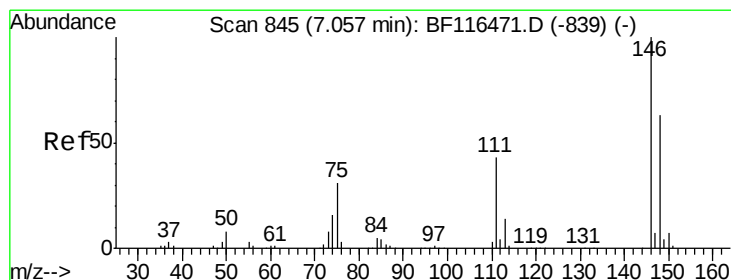
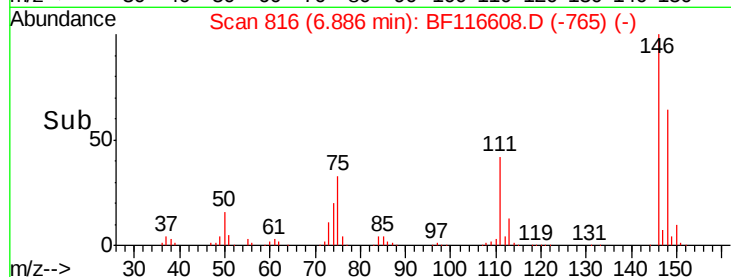
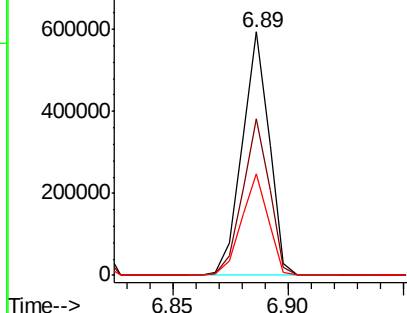


Abundance

Ion 146.00 (145.70 to 146.70): E

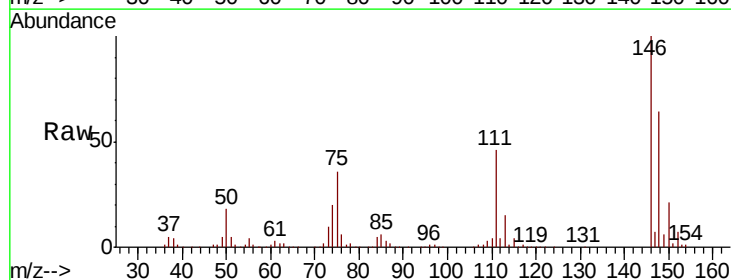
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 48.848 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	45.7	34.9	52.3

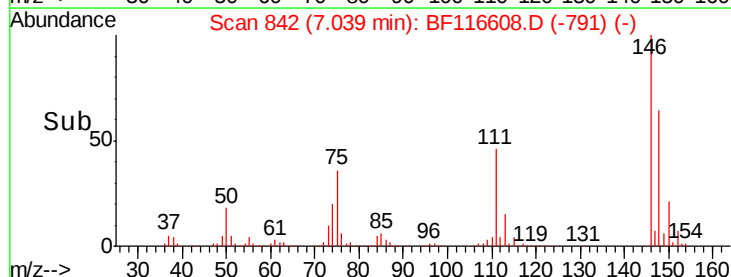
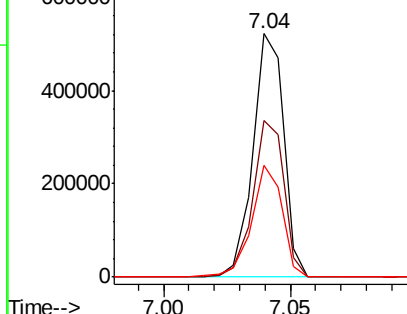


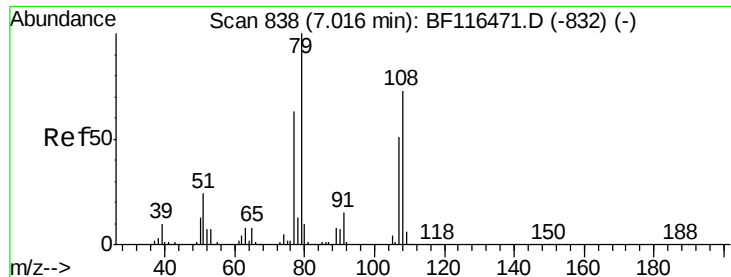
Abundance

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: 43.651 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

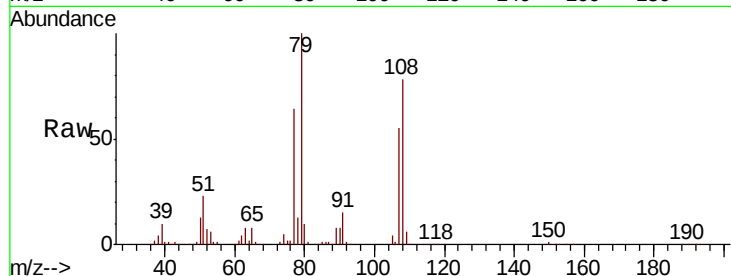
Tot Ion: 79 Resp: 381549

Ion Ratio Lower Upper

79 100

108 78.2 62.2 93.4

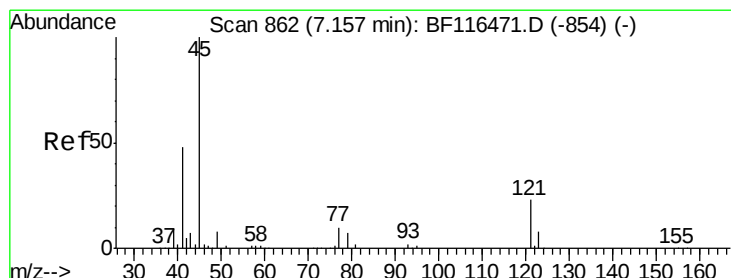
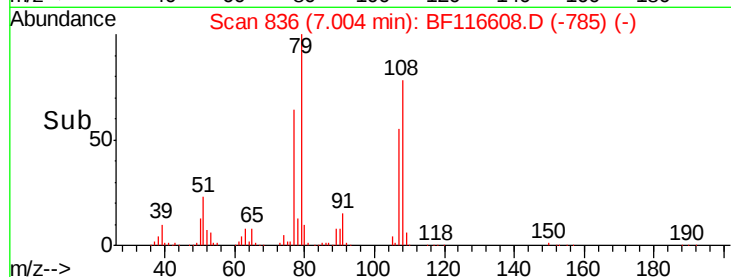
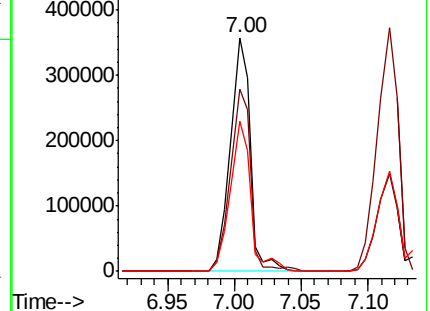
77 64.3 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.289 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

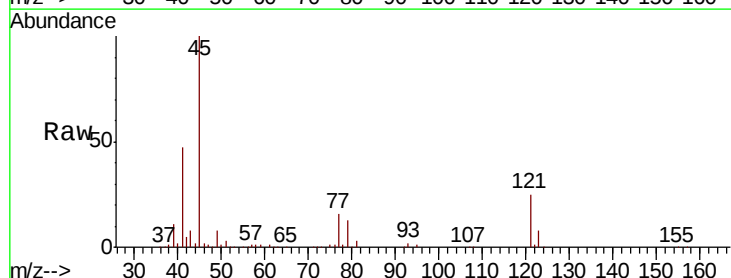
Tgt Ion: 45 Resp: 522170

Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

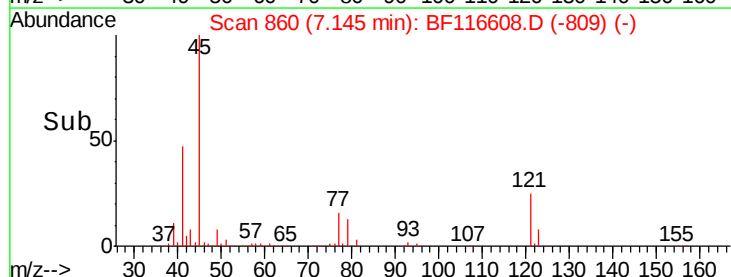
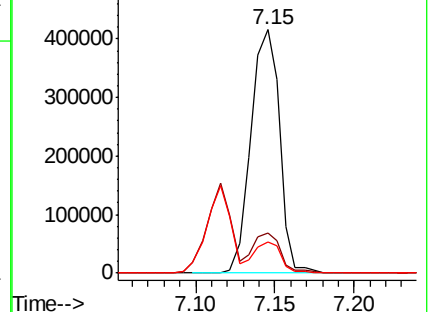
79 12.9 0.0 32.9

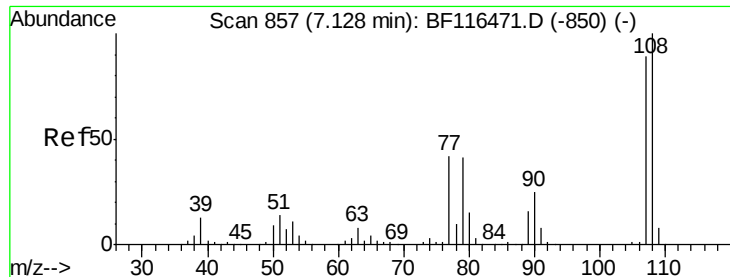


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

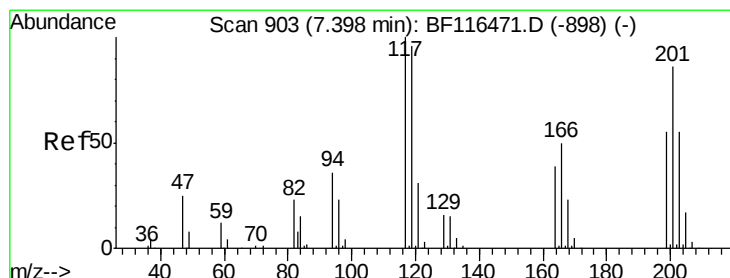
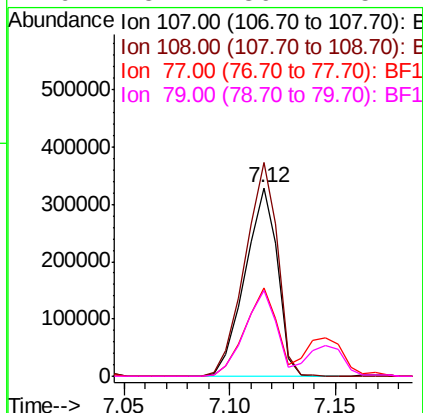
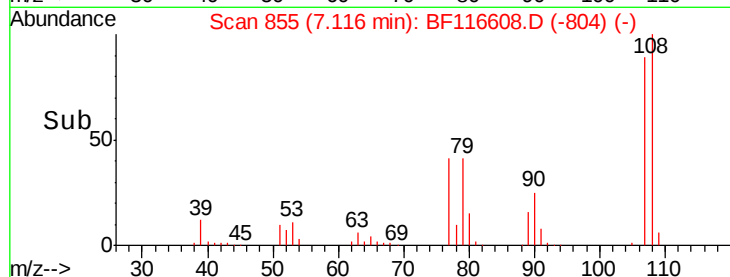
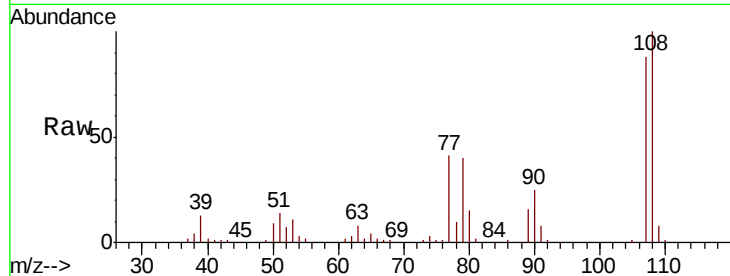




#17
2-Methylphenol
Concen: 46.013 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

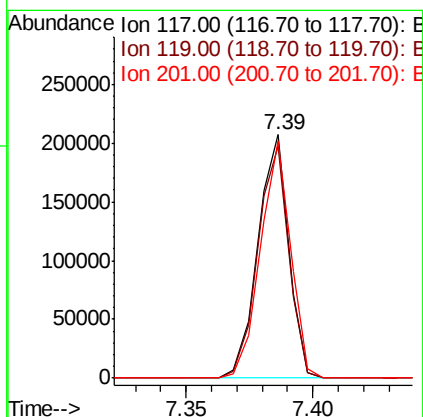
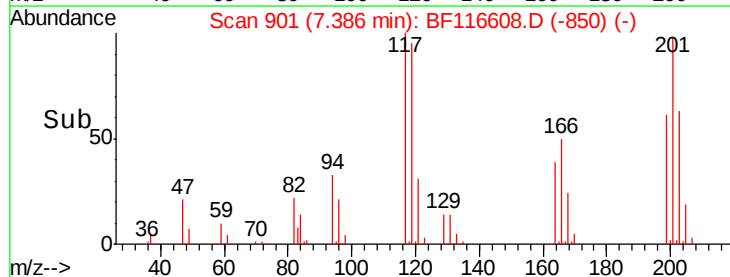
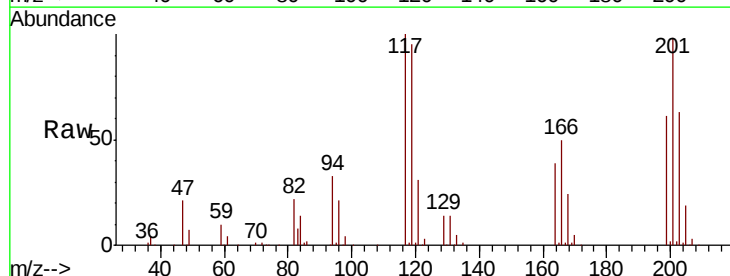
Instrument :
BNA_F
ClientSampleId :

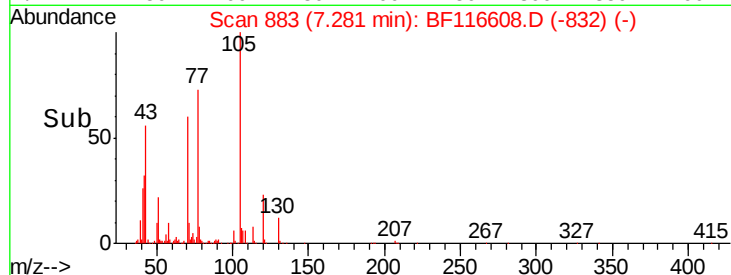
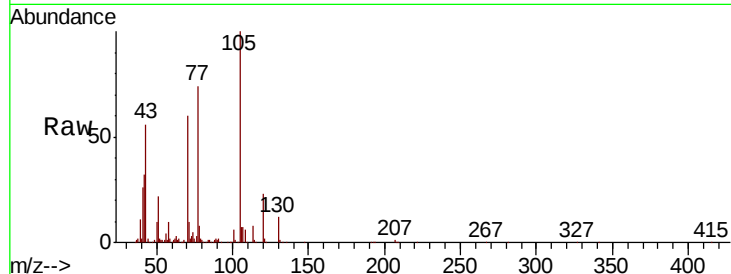
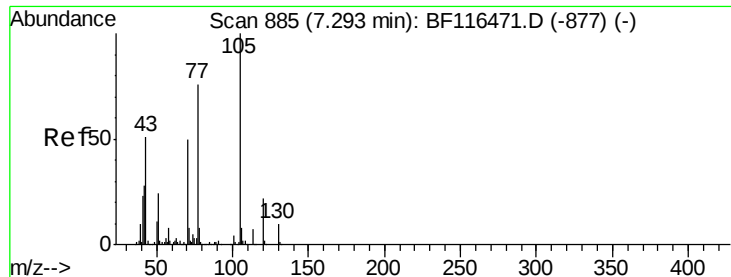
Tot Ion:	107	Resp:	352412
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.9	136.3
77	46.7	36.8	55.2
79	45.7	36.2	54.4



#18
Hexachloroethane
Concen: 46.726 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:	117	Resp:	175485
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.6	118.0
201	97.6	86.2	129.2

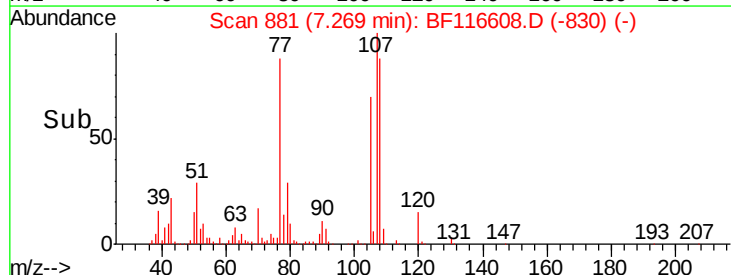
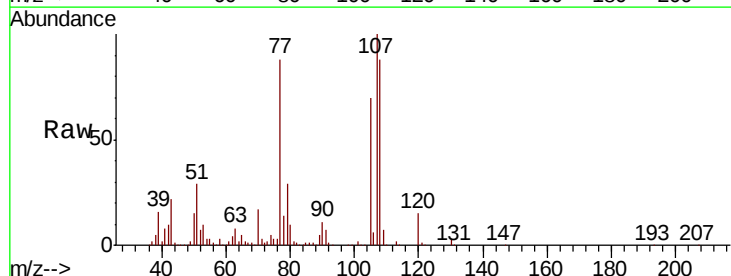
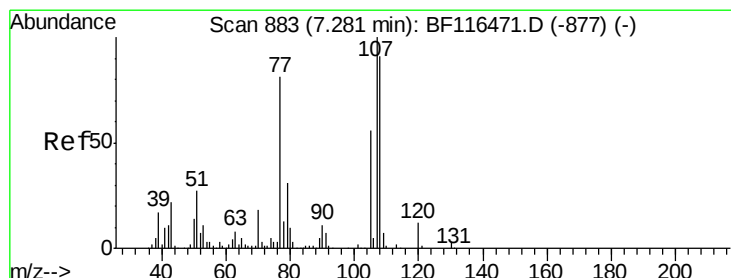
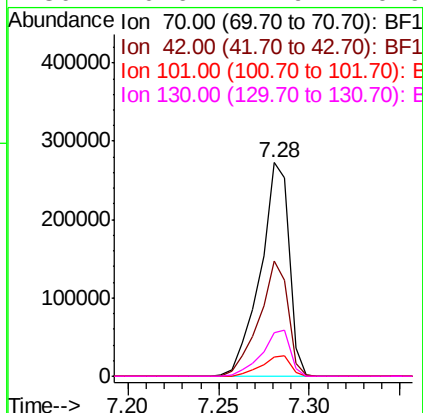




#19
n-Nitroso-di-n-propylamine
Concen: 40.987 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

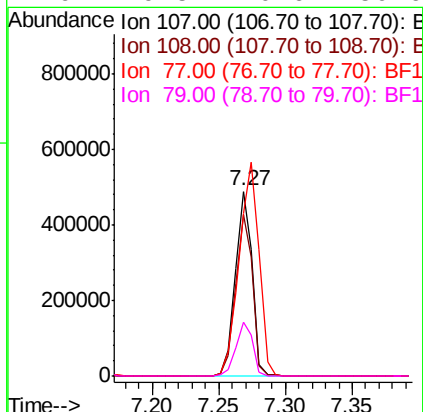
Instrument :
BNA_F
ClientSampleId :

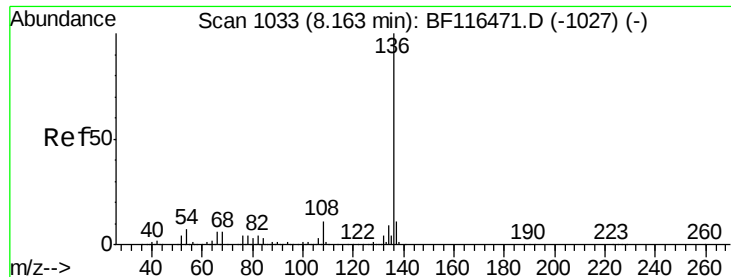
Tot Ion:	70	Resp:	302076
Ion	Ratio	Lower	Upper
70	100		
42	53.9	41.2	61.8
101	9.3	7.7	11.5
130	20.6	17.9	26.9



#20
3+4-Methylphenols
Concen: 46.149 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:	107	Resp:	432986
Ion	Ratio	Lower	Upper
107	100		
108	87.7	72.6	112.6
77	88.3	82.4	122.4
79	29.5	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 515396

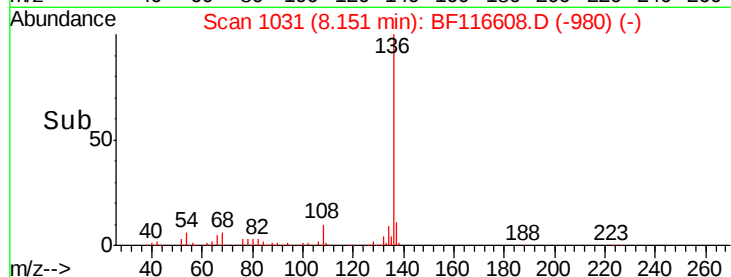
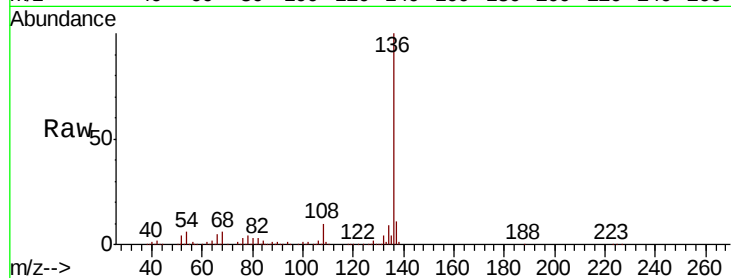
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.2 5.0 7.4

68 5.8 4.5 6.7

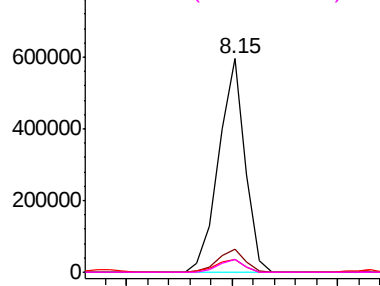


Abundance Ion 136.00 (135.70 to 136.70): E

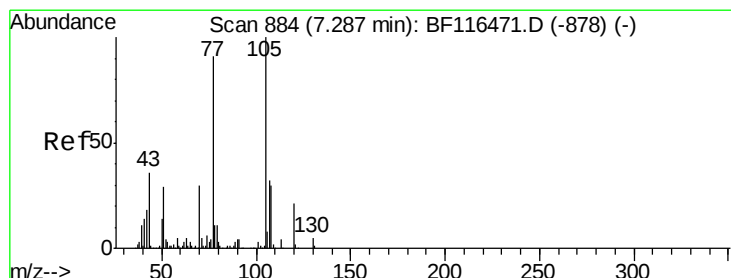
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 45.767 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Tgt Ion:105 Resp: 589833

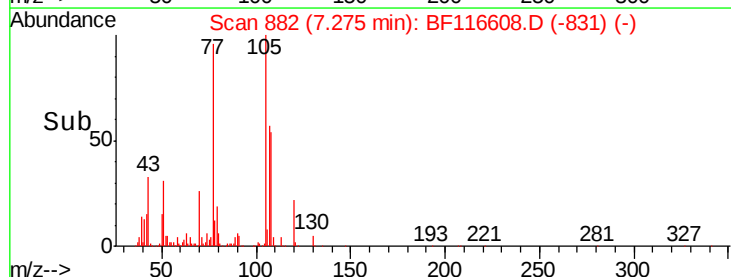
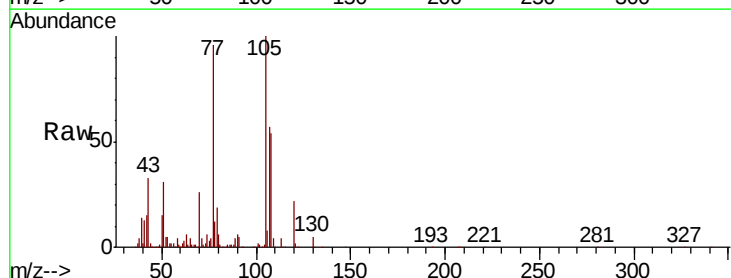
Ion Ratio Lower Upper

105 100

71 4.4 5.0 7.6#

51 30.6 20.7 31.1

120 21.7 17.9 26.9

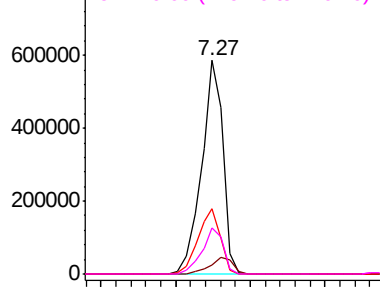


Abundance Ion 105.00 (104.70 to 105.70): E

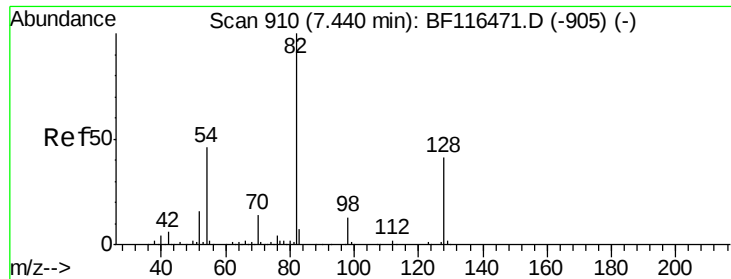
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



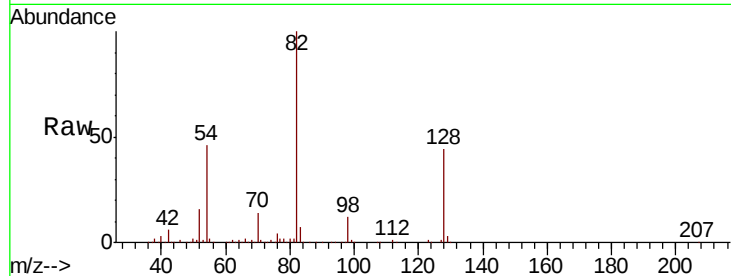
Time-->



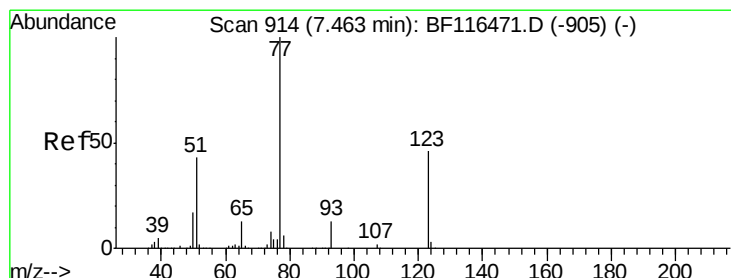
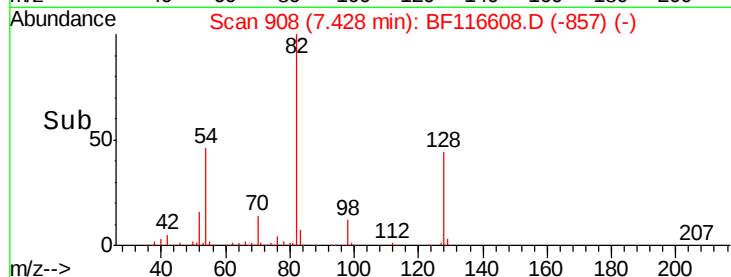
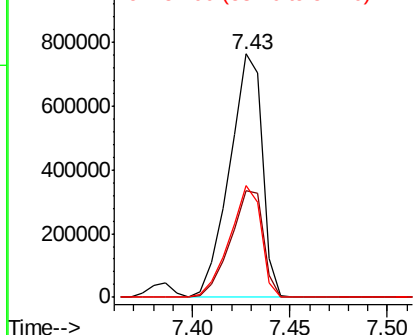
#23
 Nitrobenzene-d5
 Concen: 94.136 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	886806
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.0	52.6
54	45.9	34.4	51.6

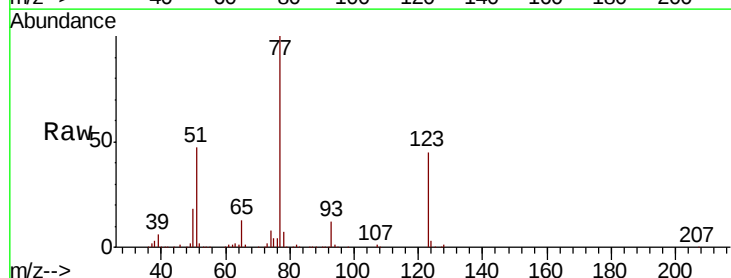


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

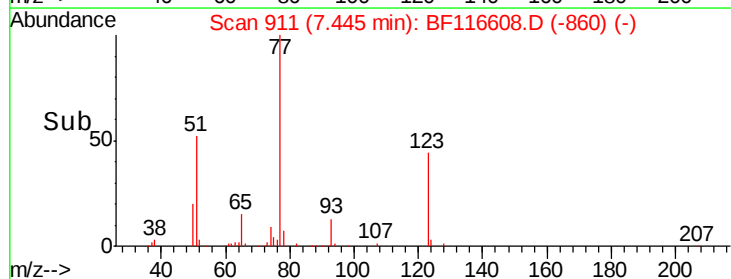
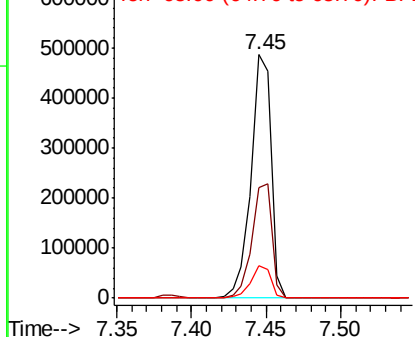


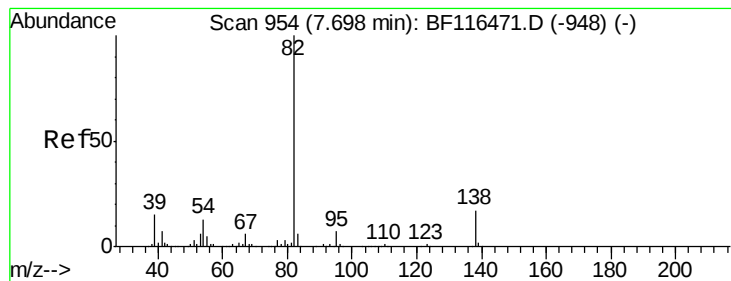
#24
 Nitrobenzene
 Concen: 46.280 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion	77	Resp	451505
Ion Ratio	Lower	Upper	
77	100		
123	45.1	38.2	57.4
65	13.4	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: 43.676 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

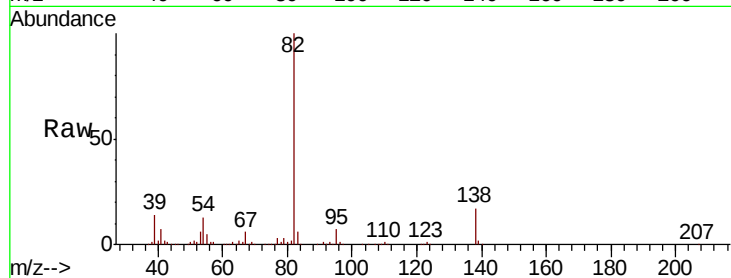
Tot Ion: 82 Resp: 810835

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

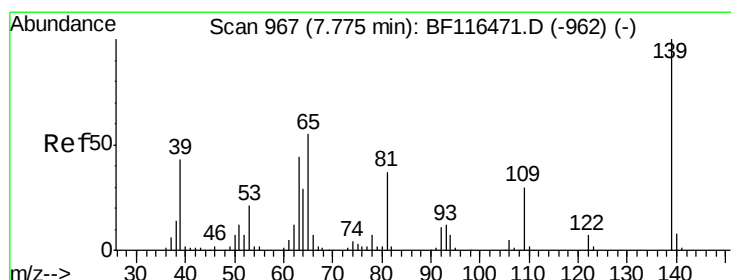
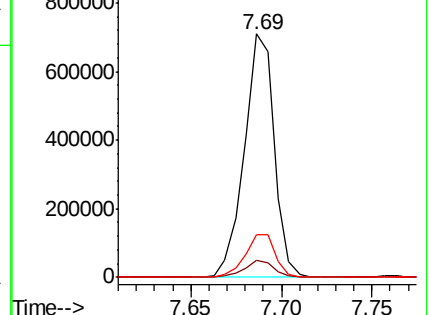
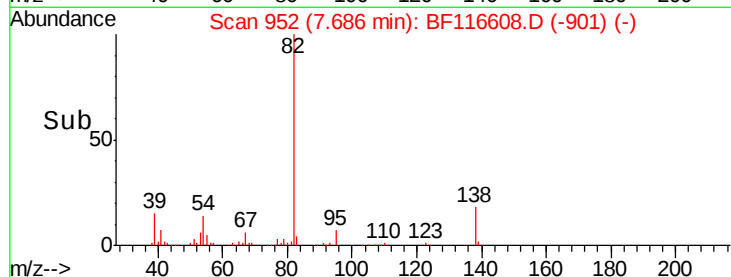
138 17.3 14.4 21.6



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: 61.616 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

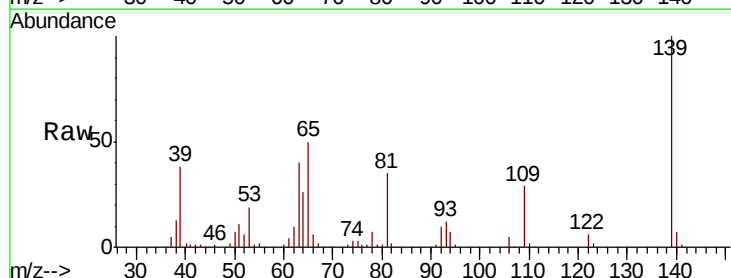
Tgt Ion: 139 Resp: 219573

Ion Ratio Lower Upper

139 100

109 28.7 22.4 33.6

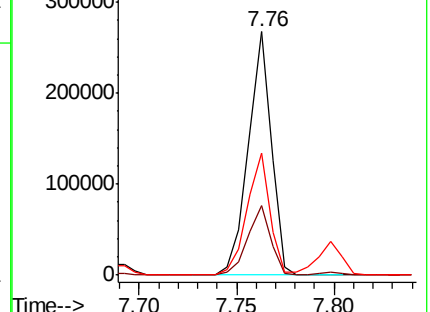
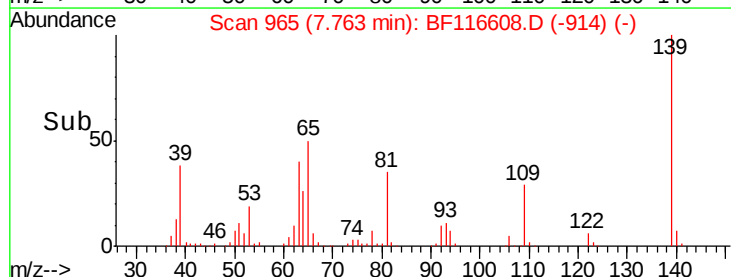
65 49.9 36.9 55.3

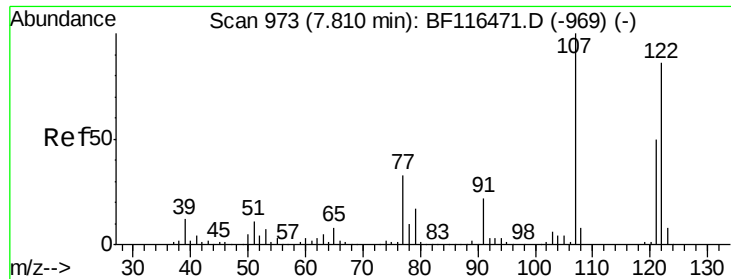


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

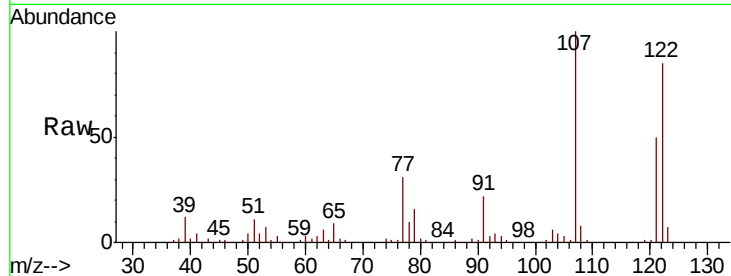




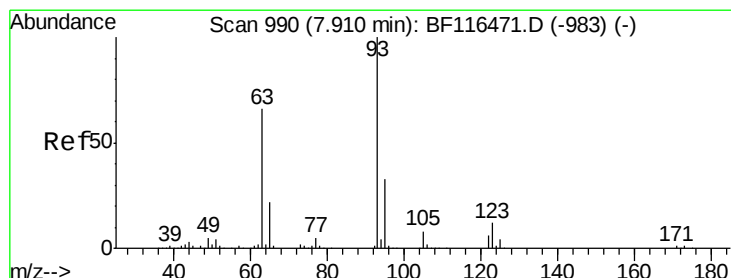
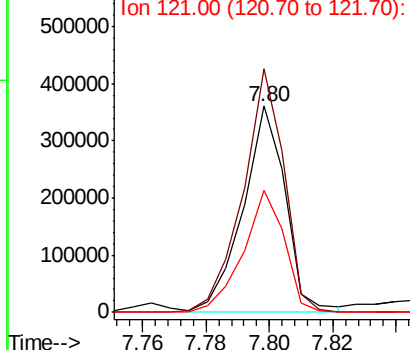
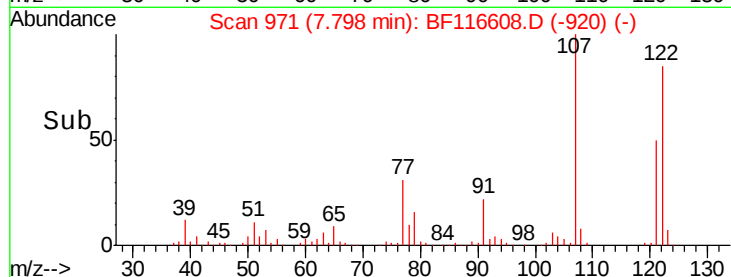
#27
 2,4-Dimethylphenol
 Concen: 45.105 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:122 Resp: 335376
 Ion Ratio Lower Upper
 122 100
 107 117.9 95.4 143.0
 121 59.3 47.8 71.8

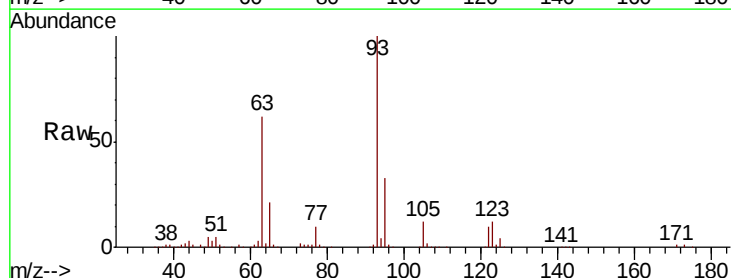


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

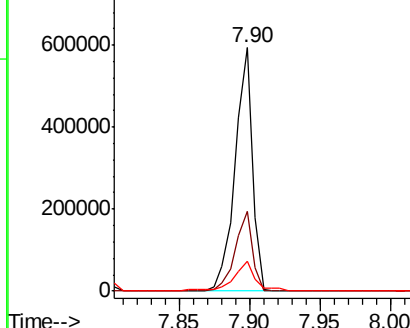
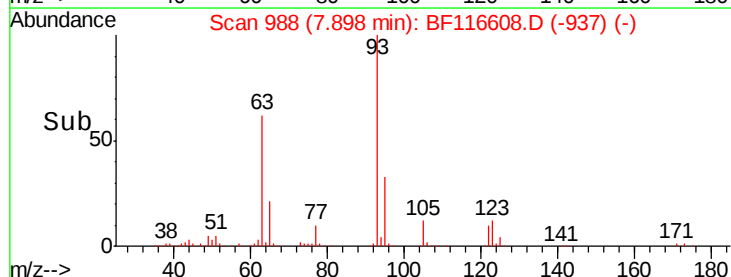


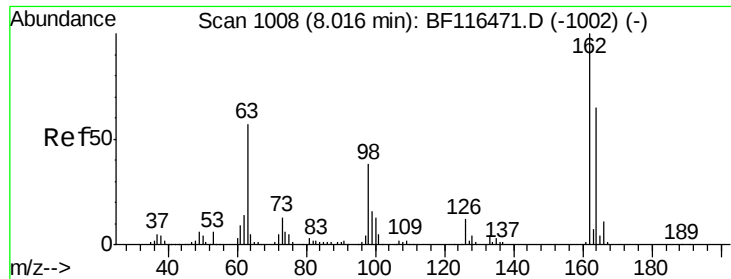
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.468 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion: 93 Resp: 509811
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.1 39.1
 123 12.1 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

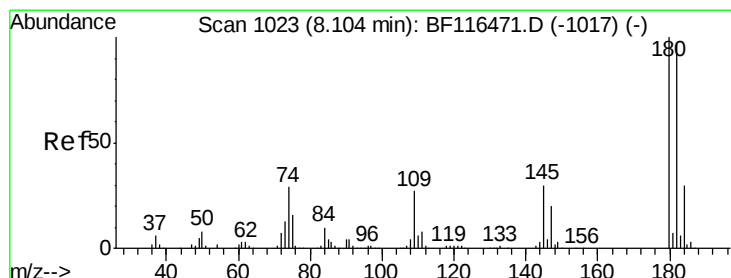
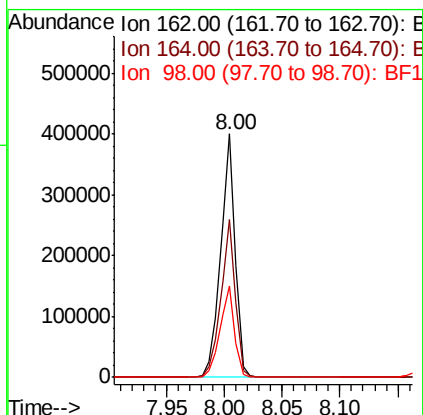
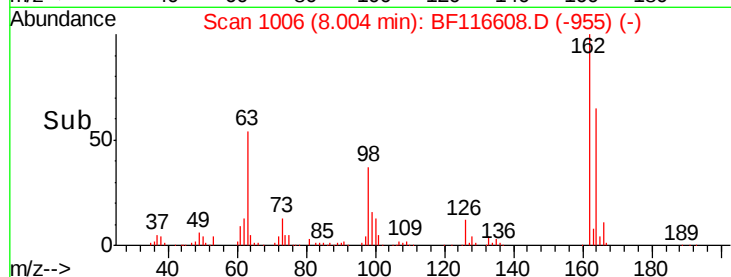
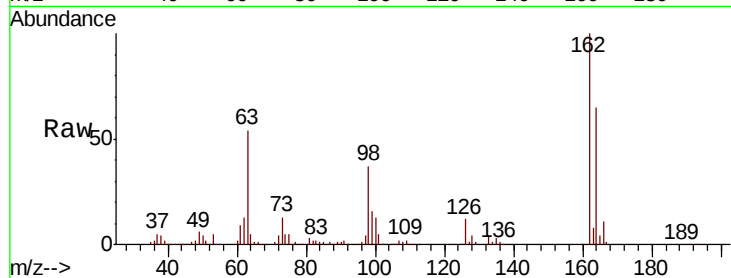




#29
 2,4-Dichlorophenol
 Concen: 49.620 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

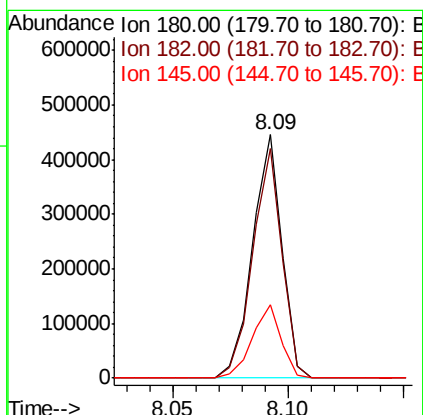
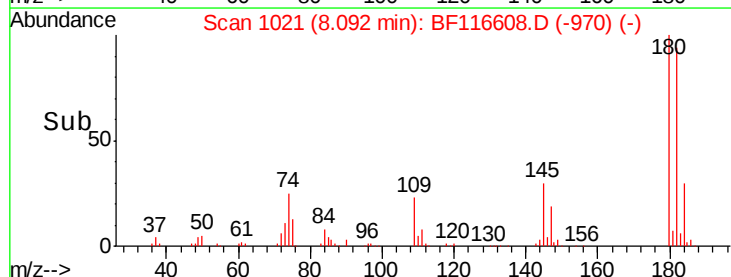
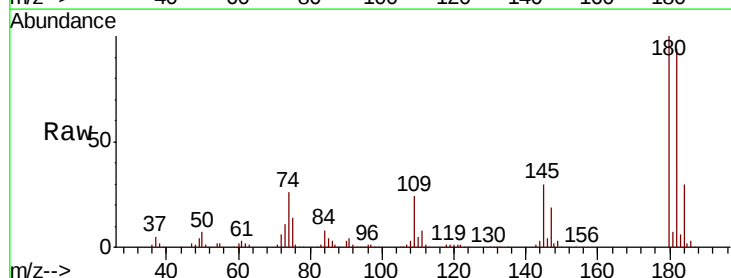
Instrument :
 BNA_F
 ClientSampled :

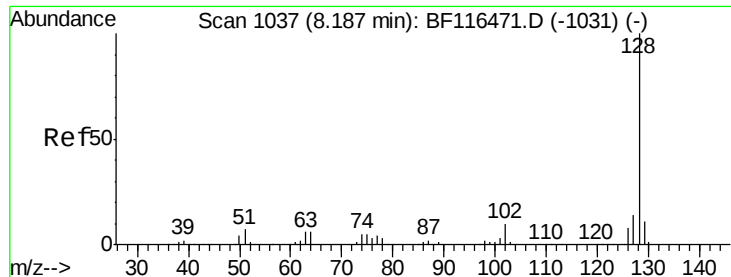
Tot Ion:162 Resp: 350872
 Ion Ratio Lower Upper
 162 100
 164 65.1 45.9 85.9
 98 37.3 17.4 57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 49.722 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion:180 Resp: 395811
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.7 115.1
 145 29.9 24.1 36.1





#31

Naphthalene

Concen: 47.341 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

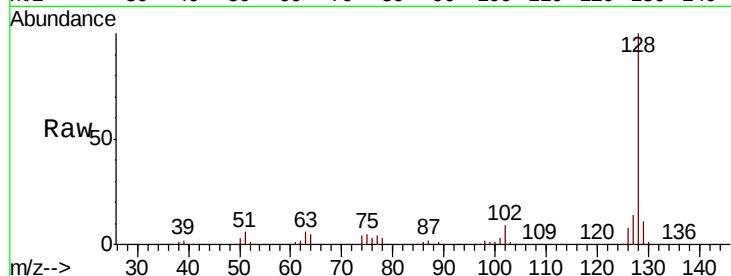
Tot Ion:128 Resp: 1180344

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

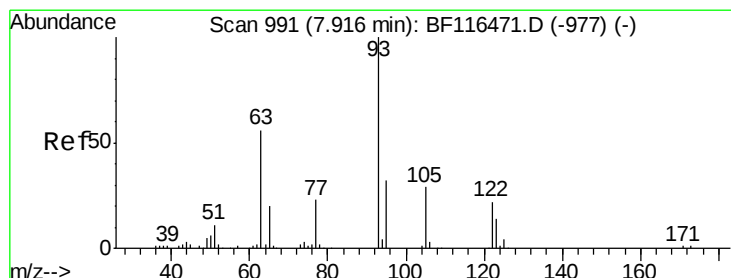
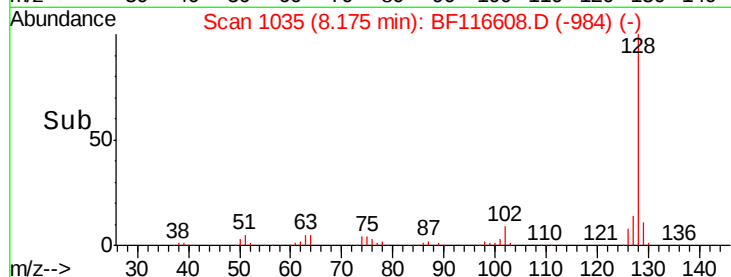
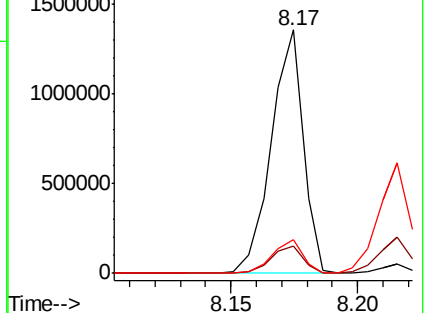
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 62.084 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

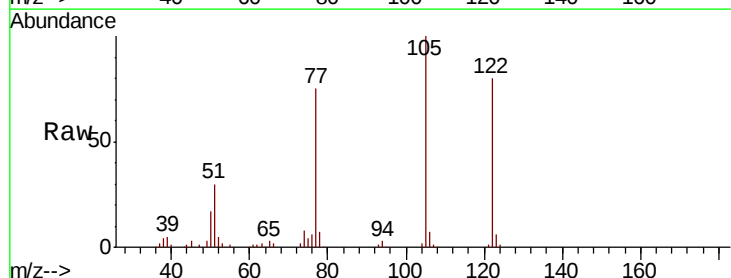
Tgt Ion:122 Resp: 295113

Ion Ratio Lower Upper

122 100

105 125.7 105.8 145.8

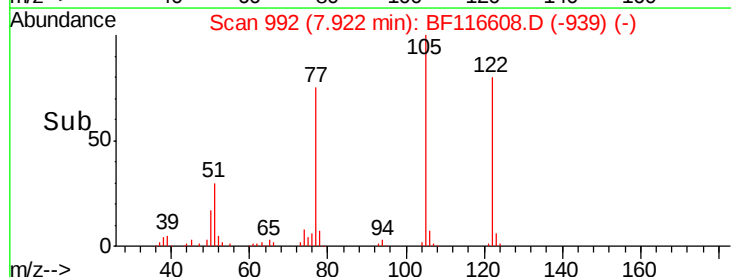
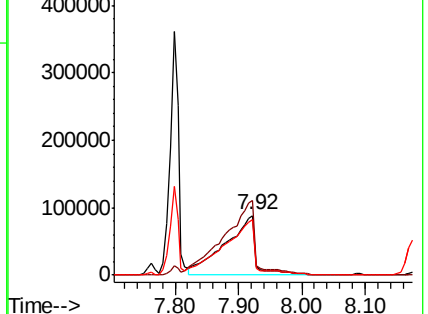
77 93.9 74.1 114.1

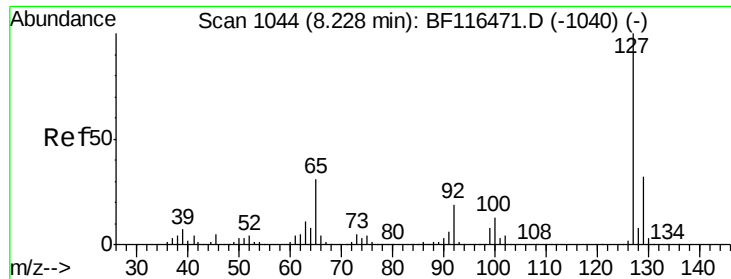


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

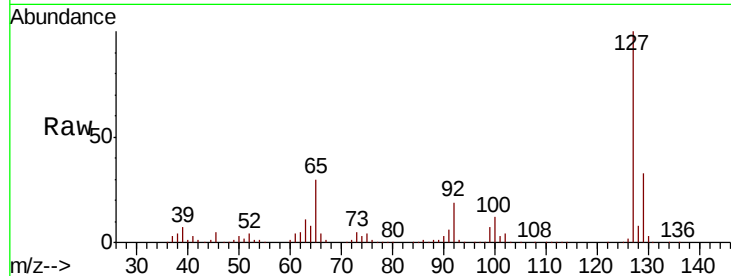




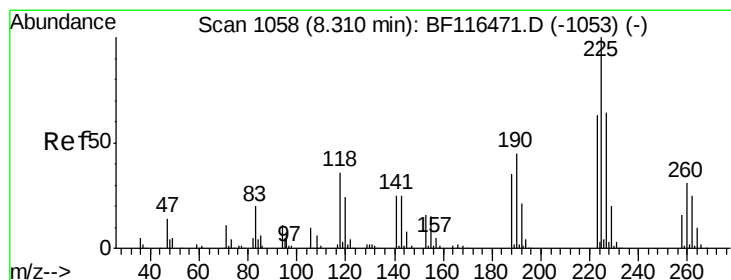
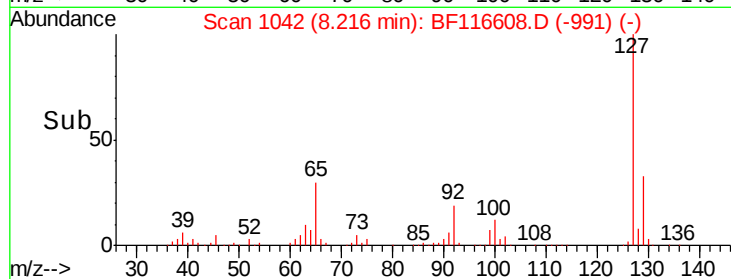
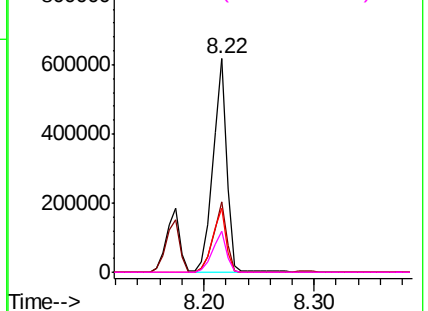
#33
4-Chloroaniline
Concen: 47.836 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	523586
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	30.2	22.6	33.8
92	19.1	15.0	22.6

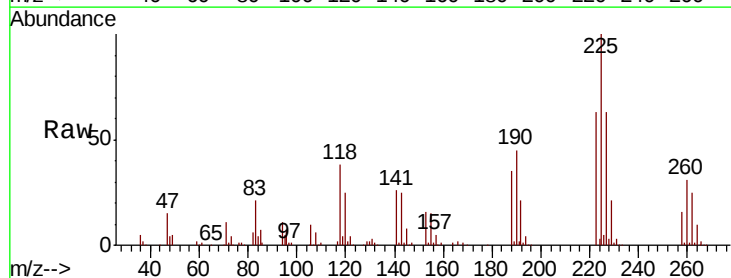


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

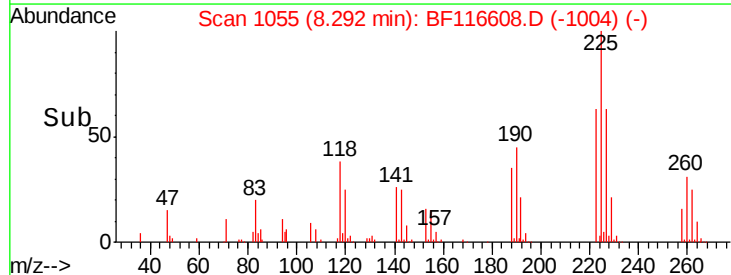
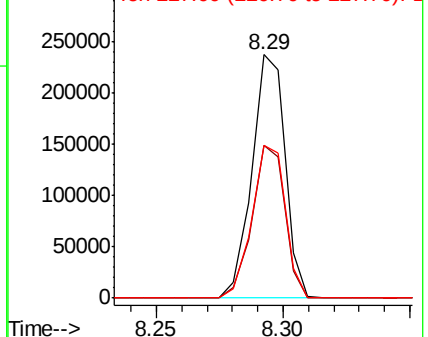


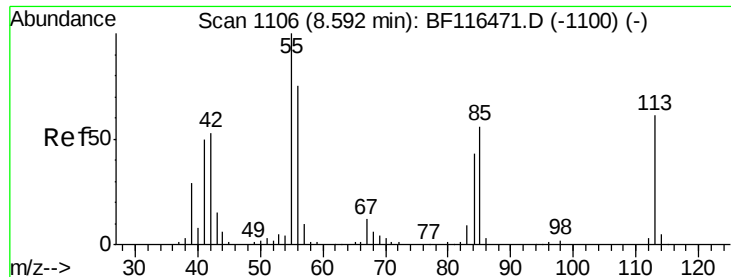
#34
Hexachlorobutadiene
Concen: 50.019 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:	225	Resp:	217156
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	62.7	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

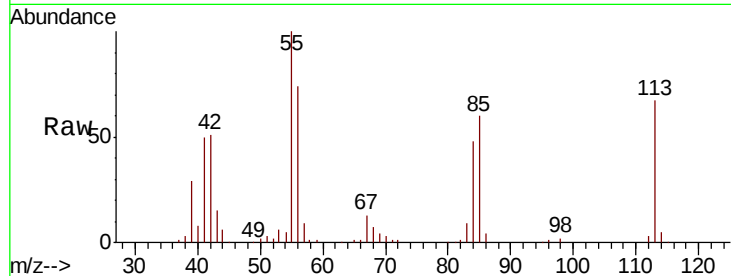




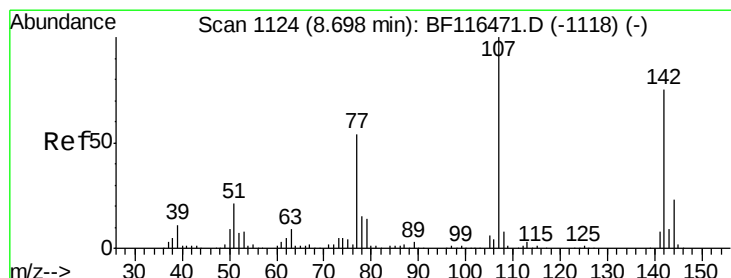
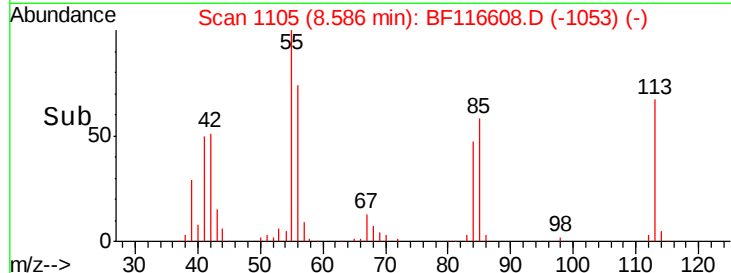
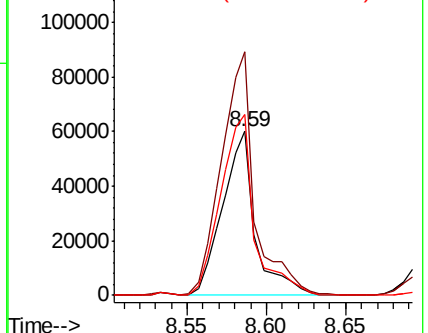
#35
Caprolactam
Concen: 34.909 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 85983
Ion Ratio Lower Upper
113 100
55 148.6 128.3 168.3
56 110.2 93.2 133.2

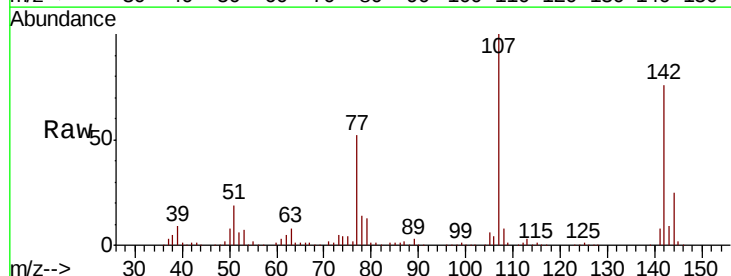


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

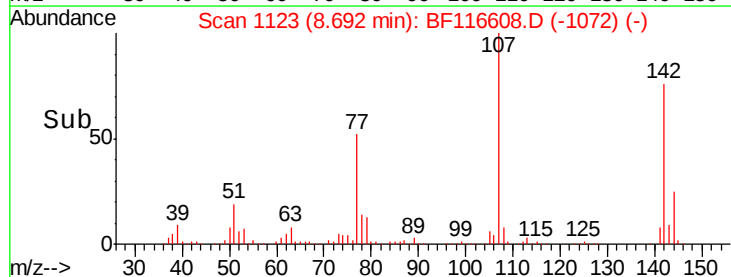
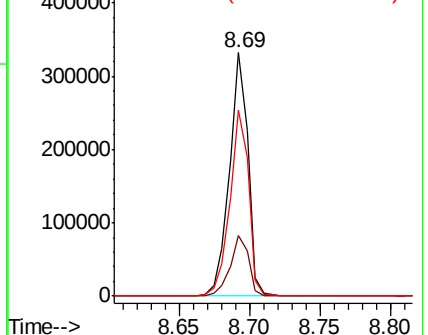


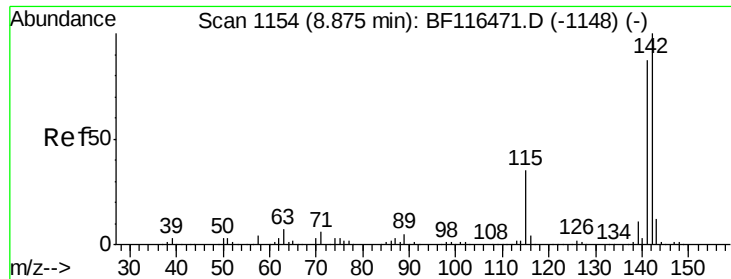
#36
4-Chloro-3-methylphenol
Concen: 38.039 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:107 Resp: 303492
Ion Ratio Lower Upper
107 100
144 24.8 20.6 30.8
142 76.5 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

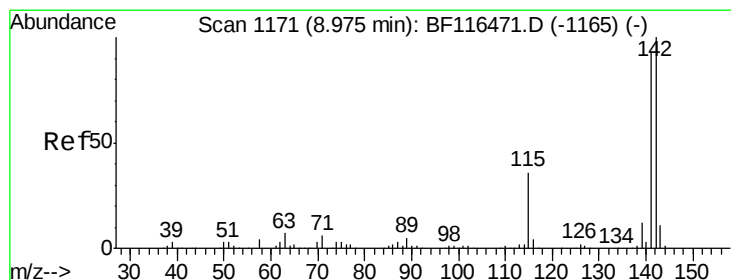
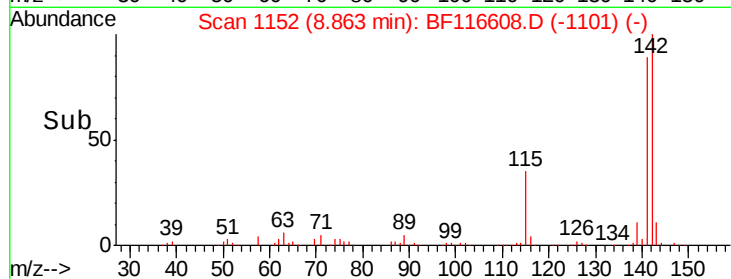
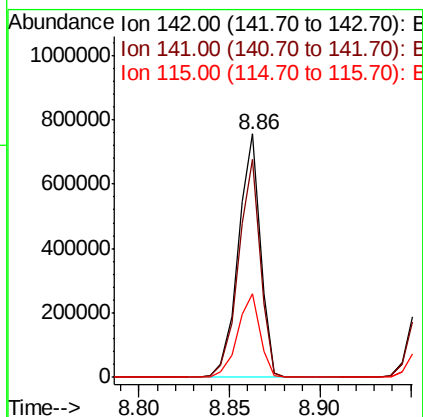
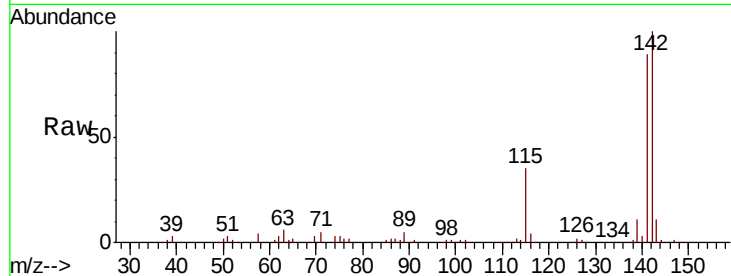




#37
 2-Methylnaphthalene
 Concen: 37.309 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

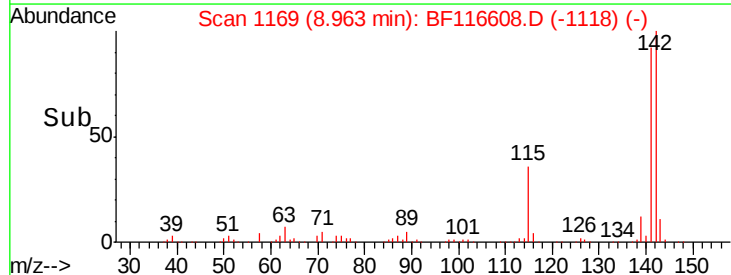
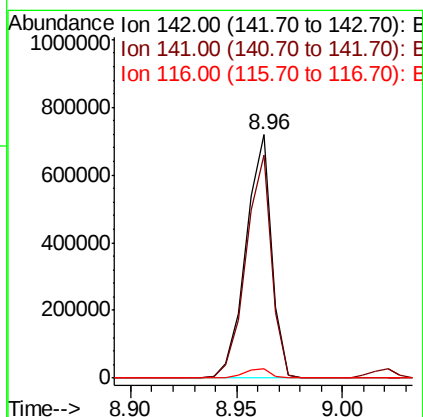
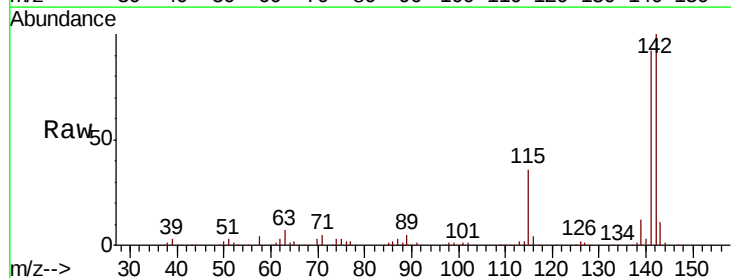
Instrument :
 BNA_F
 ClientSampled :

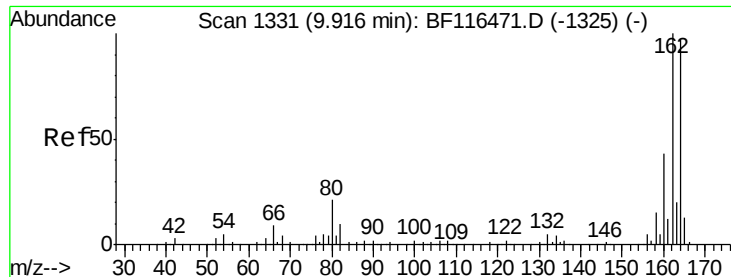
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.5	104.3
115	34.5	26.0	39.0



#38
 1-Methylnaphthalene
 Concen: 37.793 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.1	109.7
116	3.8	2.7	4.1

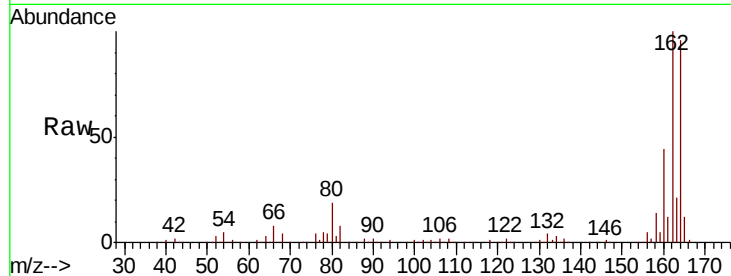




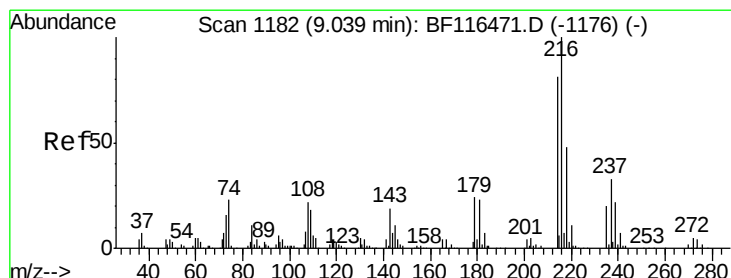
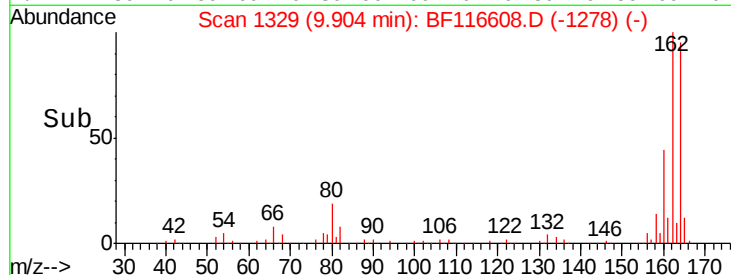
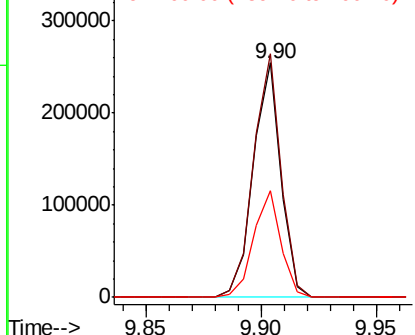
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 211922
Ion Ratio Lower Upper
164 100
162 104.0 83.4 125.0
160 45.6 37.0 55.4

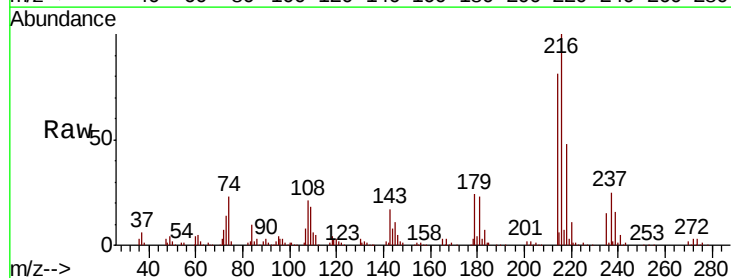


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

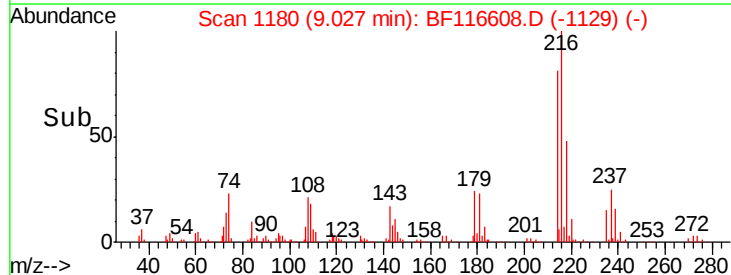
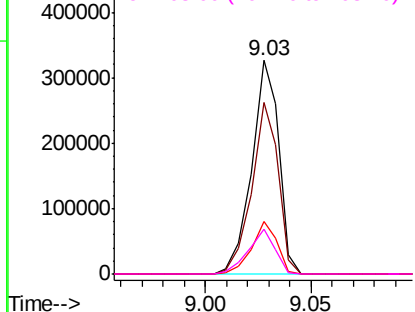


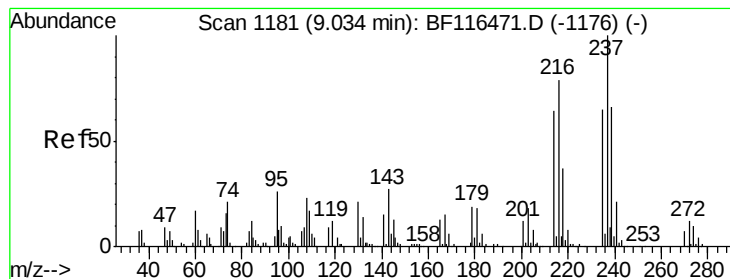
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.023 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:216 Resp: 290915
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 23.0 17.9 26.9
108 20.9 16.0 24.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 55.743 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampled :

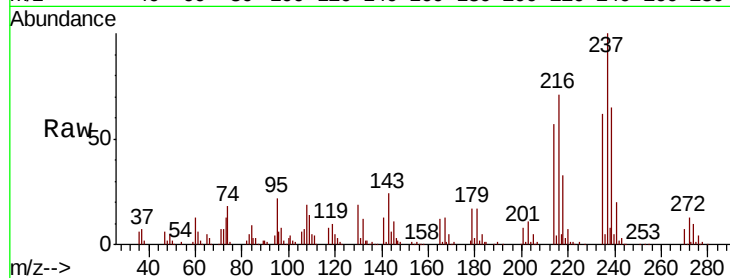
Tot Ion:237 Resp: 171001

Ion Ratio Lower Upper

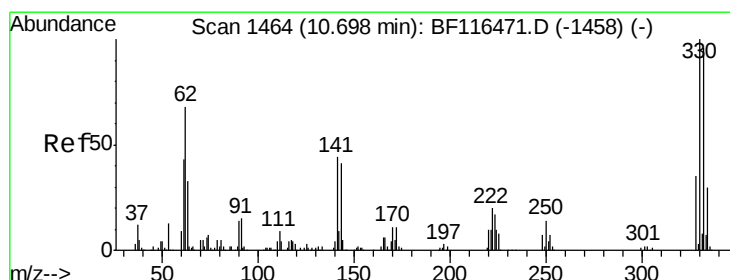
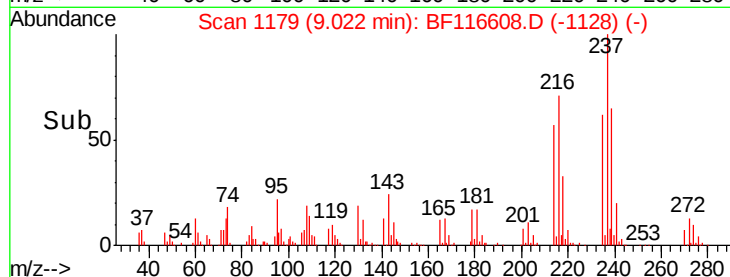
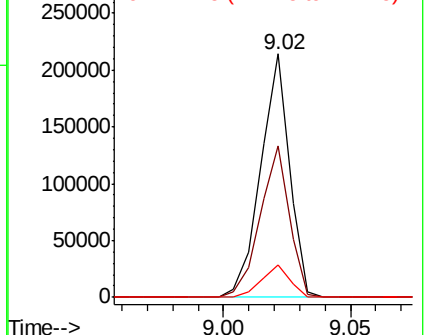
237 100

235 62.2 42.9 82.9

272 13.3 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: 109.422 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

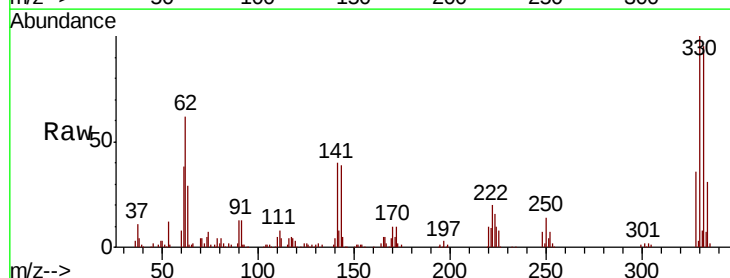
Tgt Ion:330 Resp: 199116

Ion Ratio Lower Upper

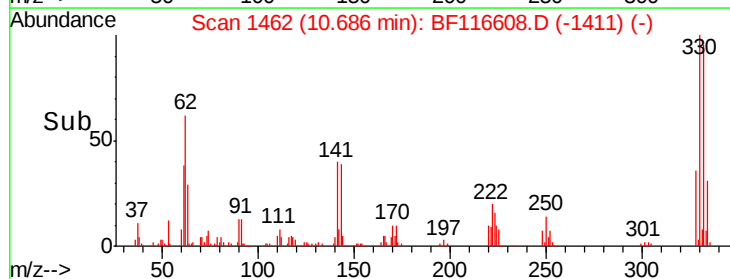
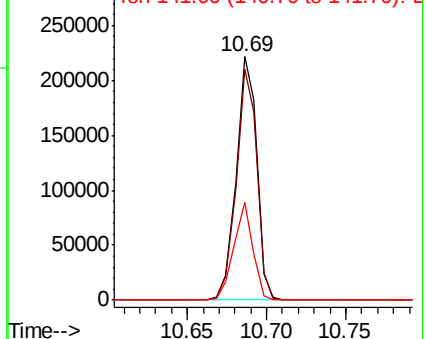
330 100

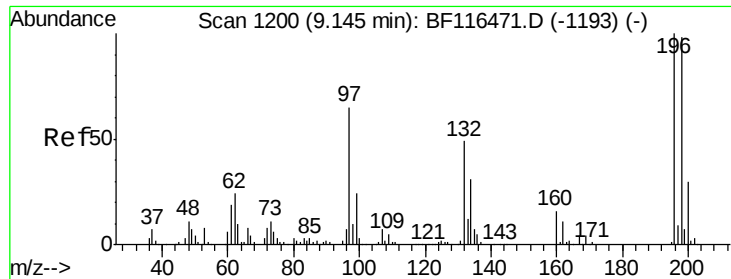
332 95.0 77.5 116.3

141 37.6 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

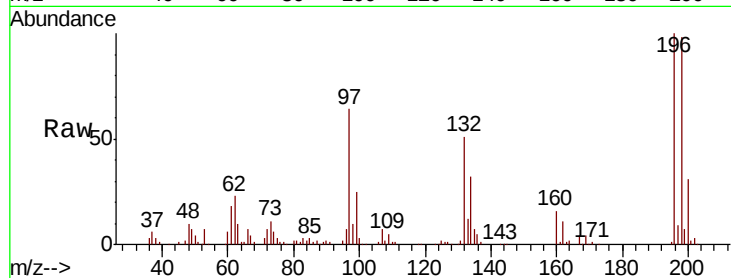




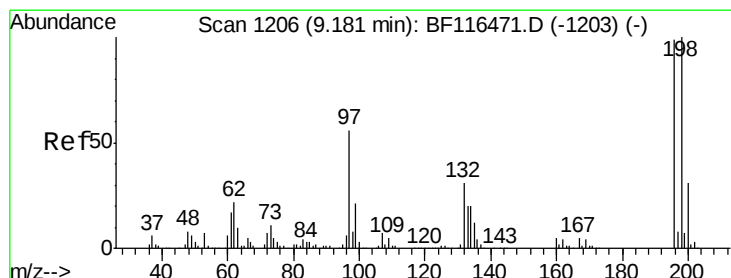
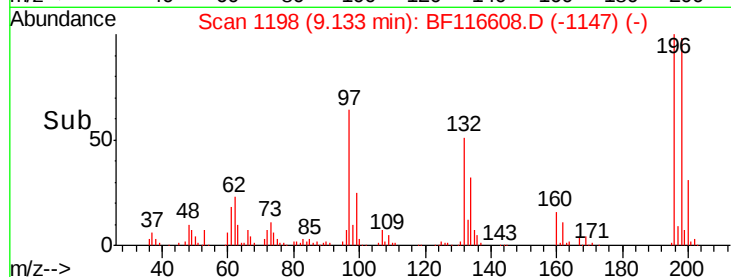
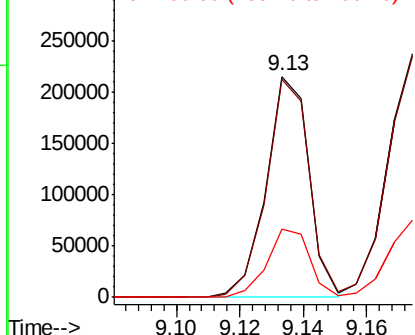
#43
 2,4,6-Trichlorophenol
 Concen: 50.571 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 201800
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.8 115.2
 200 30.8 25.0 37.6

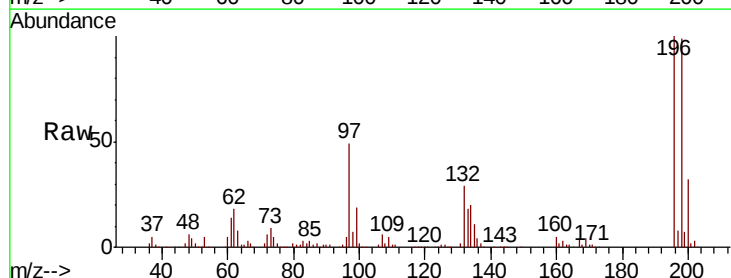


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

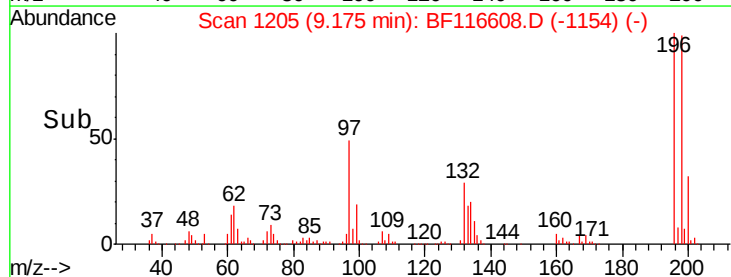
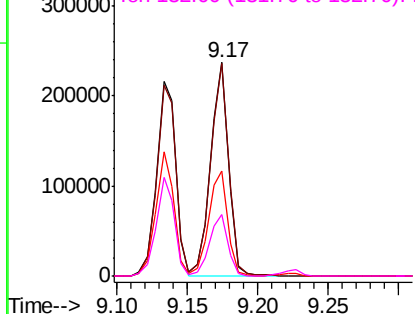


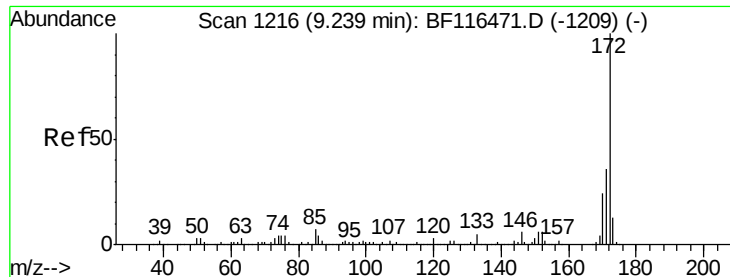
#44
 2,4,5-Trichlorophenol
 Concen: 51.559 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion:196 Resp: 209344
 Ion Ratio Lower Upper
 196 100
 198 99.2 82.0 123.0
 97 49.3 37.0 55.6
 132 28.9 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

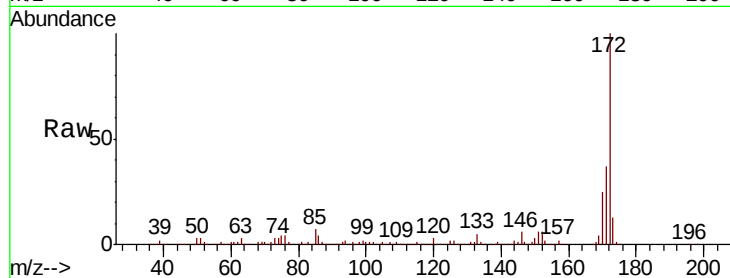




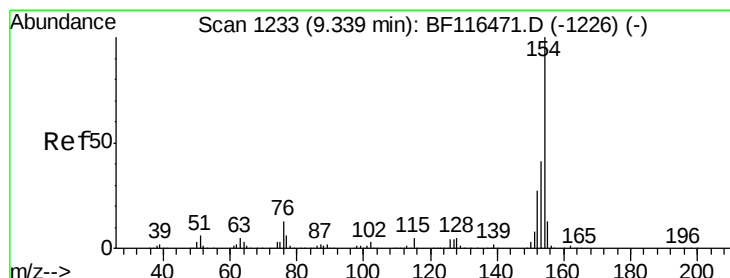
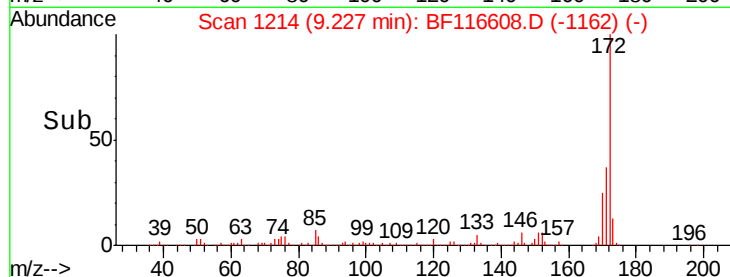
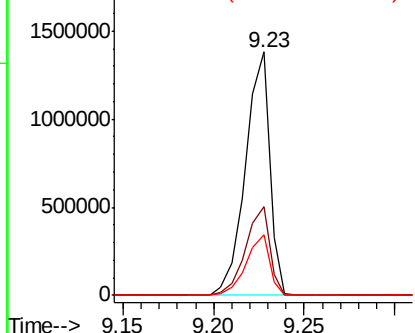
#45
2-Fluorobiphenyl
Concen: 97.466 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1282603
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.7 19.3 28.9

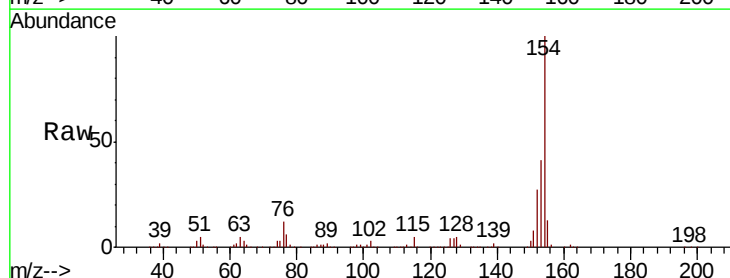


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

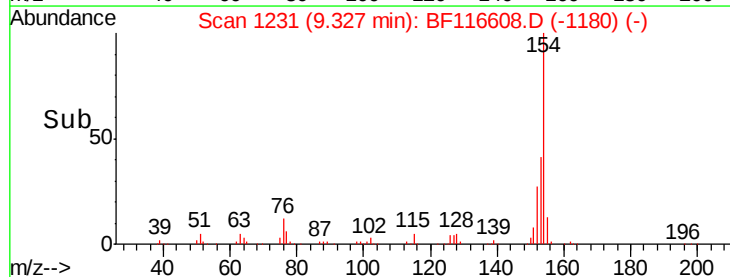
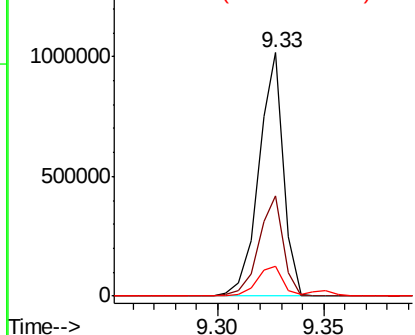


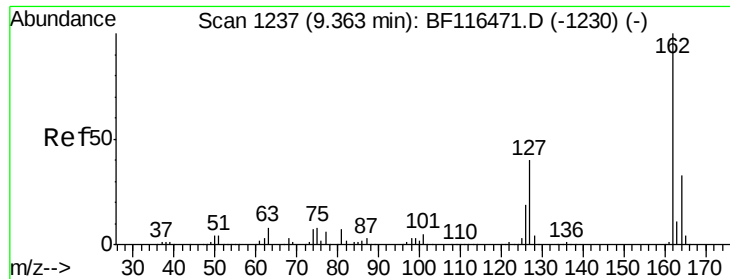
#46
1,1'-Biphenyl
Concen: 48.426 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:154 Resp: 820509
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 12.4 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

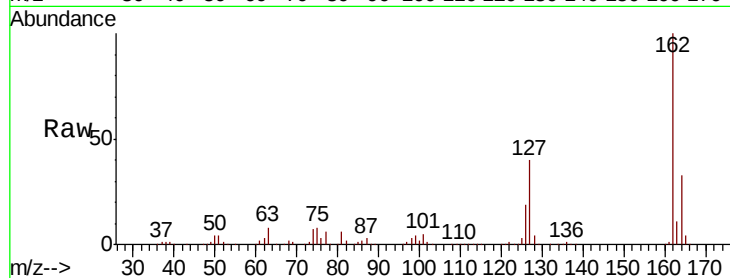




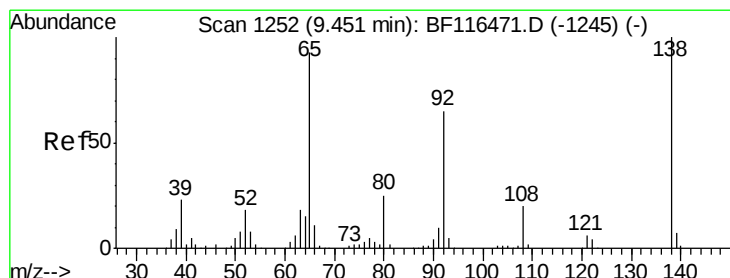
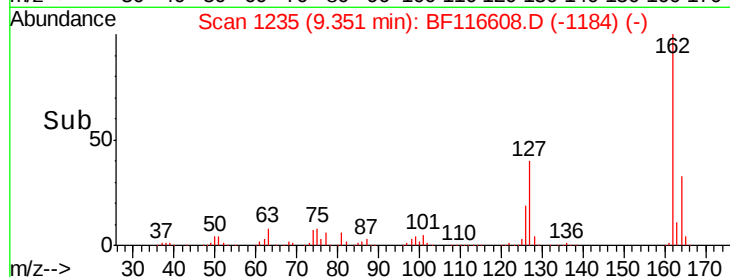
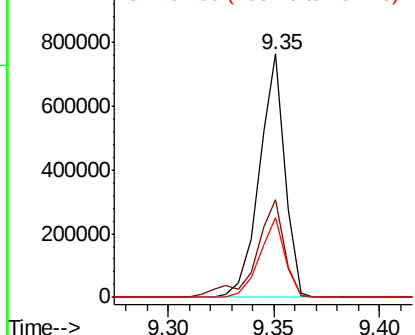
#47
2-Chloronaphthalene
Concen: 48.697 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 639658
Ion Ratio Lower Upper
162 100
127 40.4 31.1 46.7
164 32.8 26.8 40.2

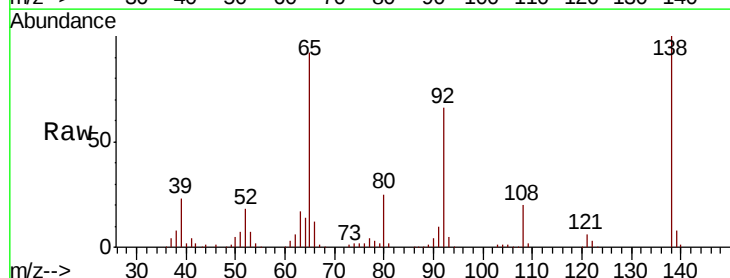


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

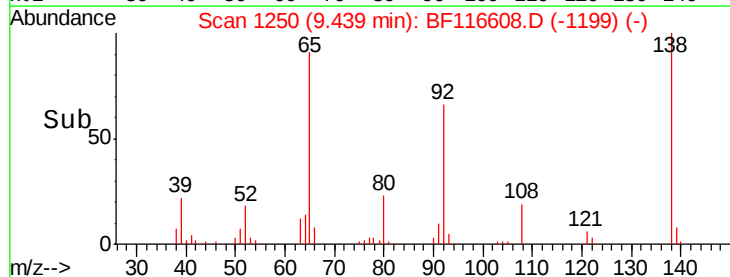
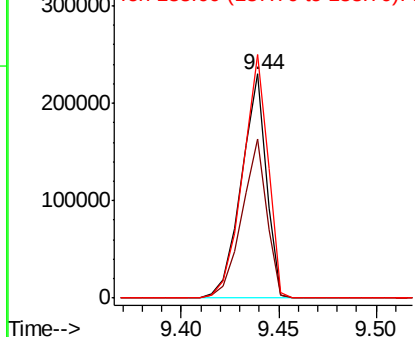


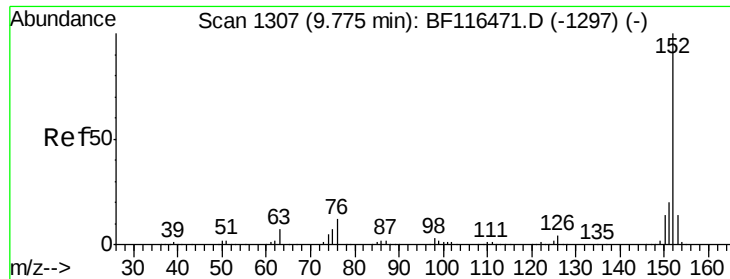
#48
2-Nitroaniline
Concen: 50.685 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion: 65 Resp: 203848
Ion Ratio Lower Upper
65 100
92 71.2 58.2 87.2
138 108.6 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: 48.549 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

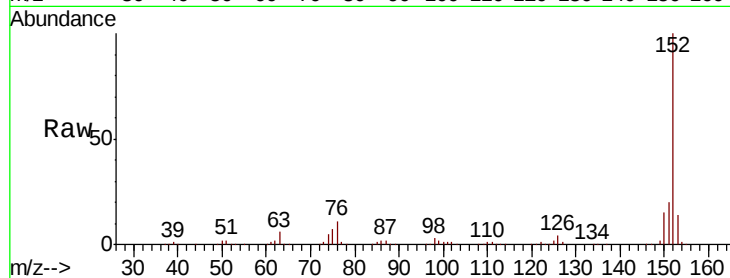
Tot Ion:152 Resp: 933005

Ion Ratio Lower Upper

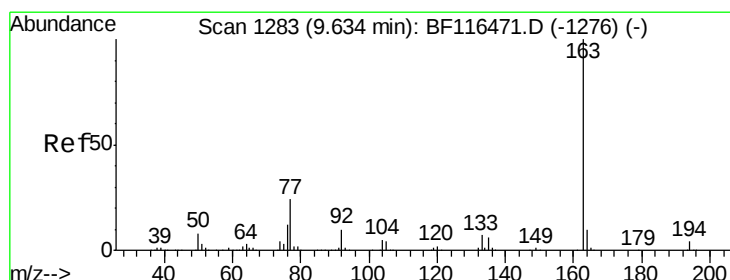
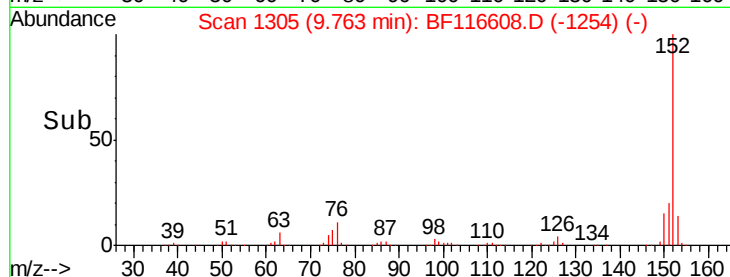
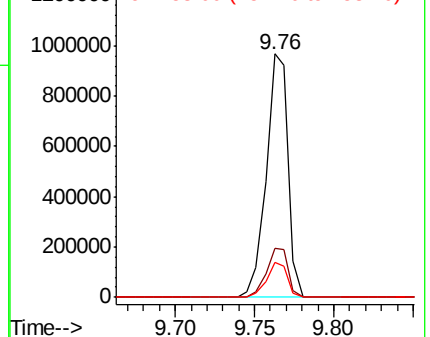
152 100

151 20.3 16.4 24.6

153 14.2 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: 48.125 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

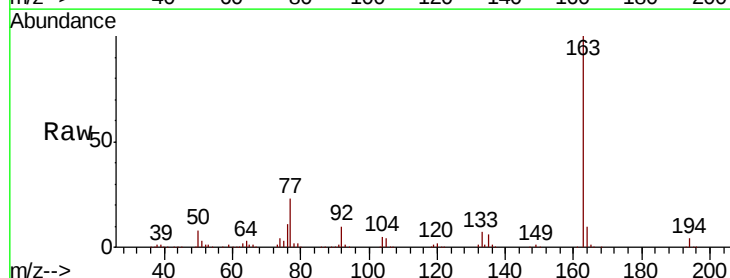
Tgt Ion:163 Resp: 711569

Ion Ratio Lower Upper

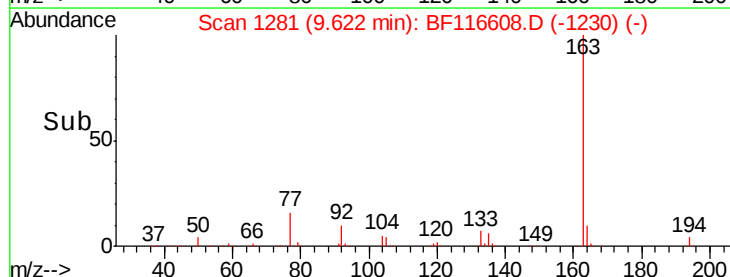
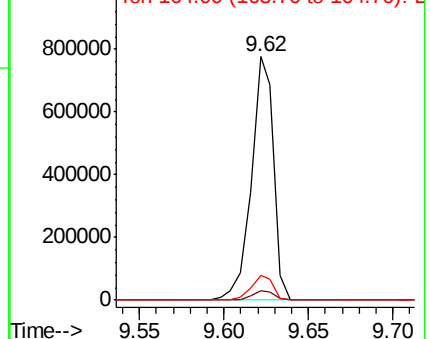
163 100

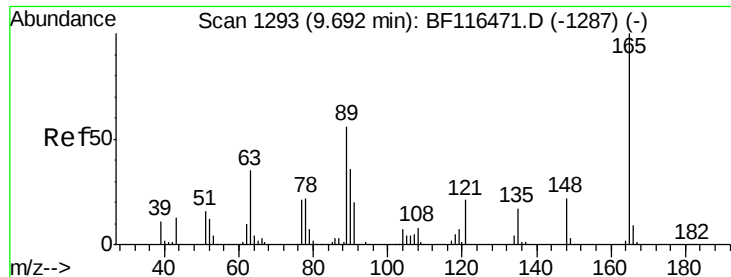
194 3.6 3.0 4.6

164 10.4 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: 52.052 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

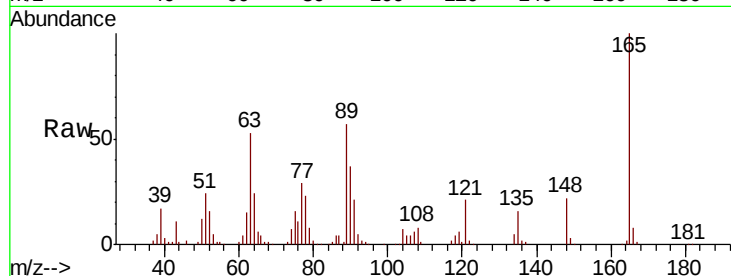
Tot Ion:165 Resp: 157532

Ion Ratio Lower Upper

165 100

63 53.1 37.2 55.8

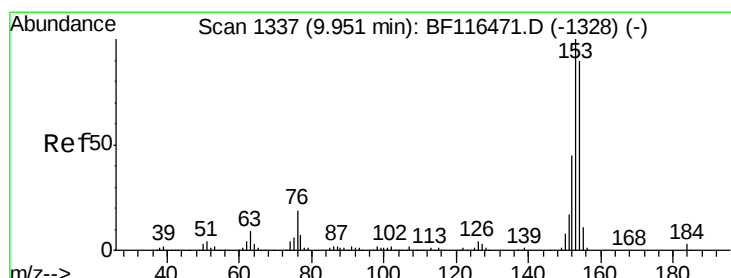
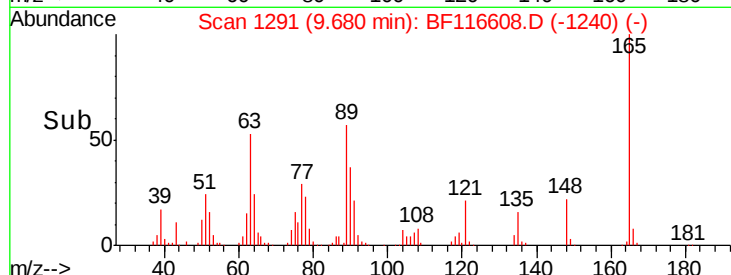
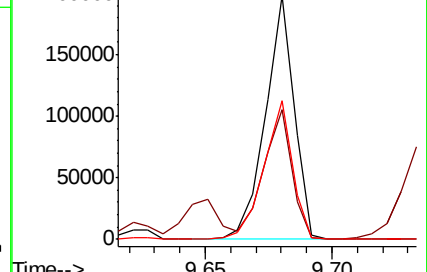
89 56.8 40.8 61.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.323 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

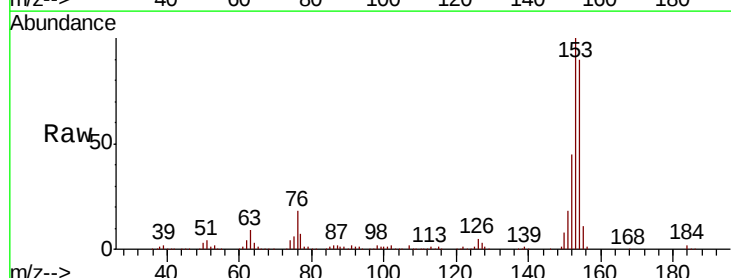
Tgt Ion:154 Resp: 608236

Ion Ratio Lower Upper

154 100

153 110.7 86.6 129.8

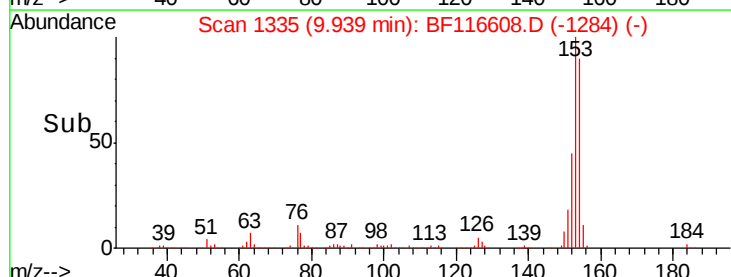
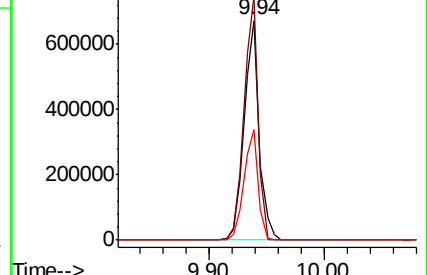
152 50.1 39.4 59.0

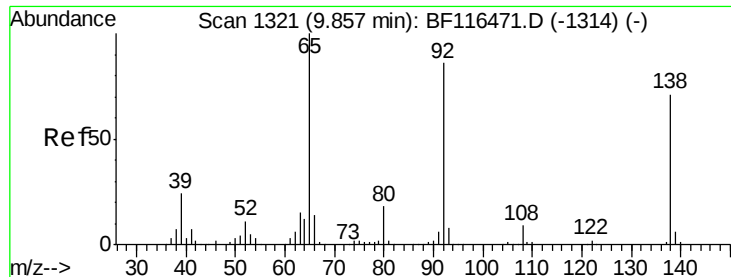


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

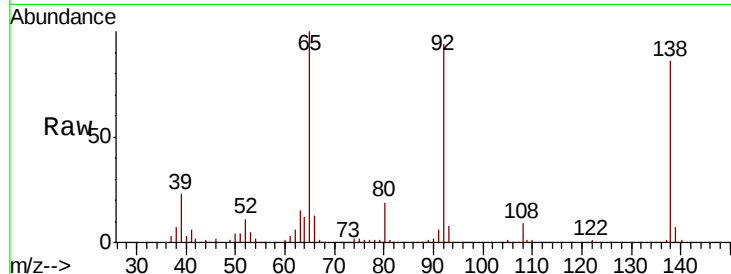




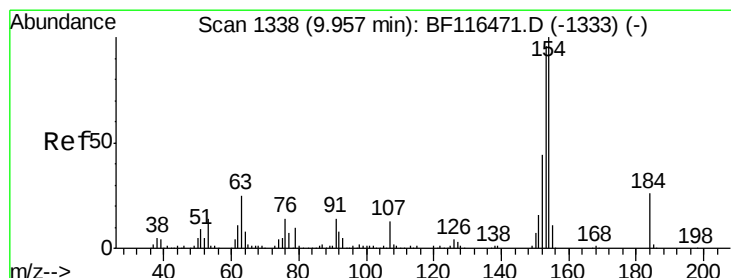
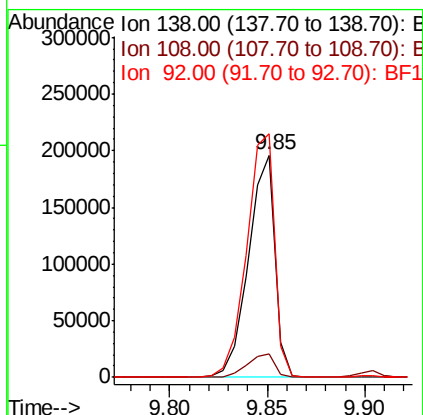
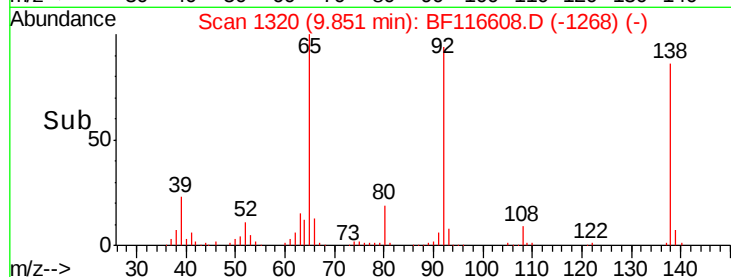
#53
3-Nitroaniline
Concen: 51.058 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 184196
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 109.5 91.6 137.4

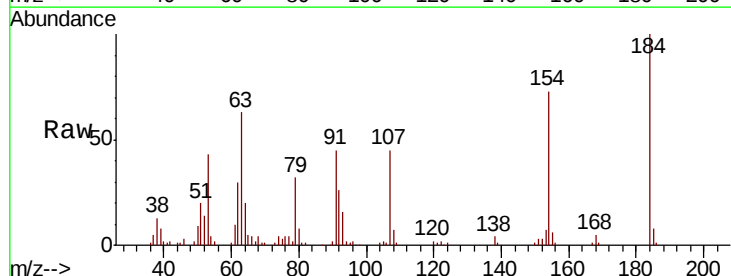


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

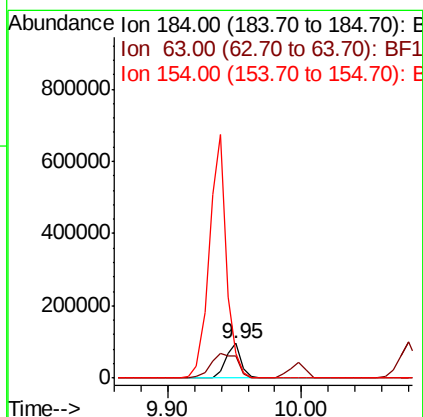
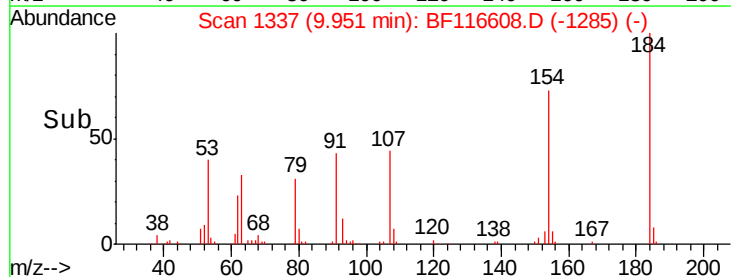


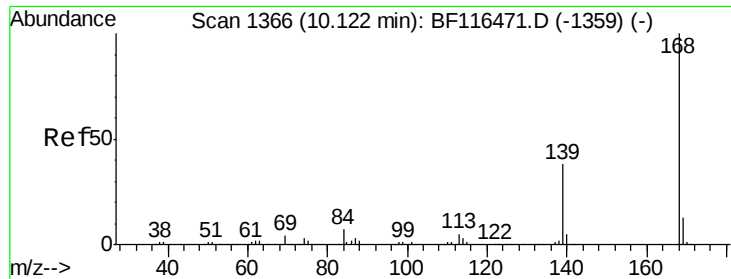
#54
2,4-Dinitrophenol
Concen: 81.341 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:184 Resp: 77401
Ion Ratio Lower Upper
184 100
63 62.7 62.7 94.1
154 72.6 150.0 225.0#



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

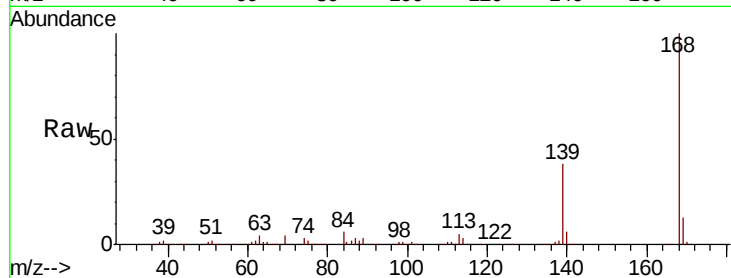




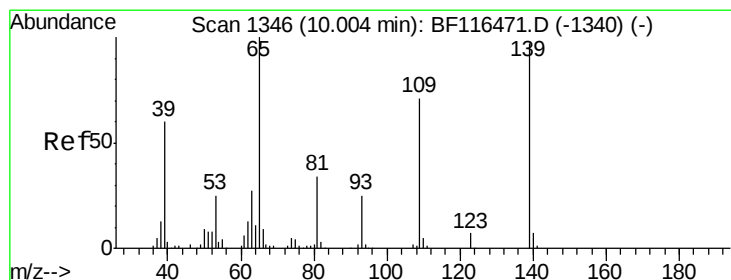
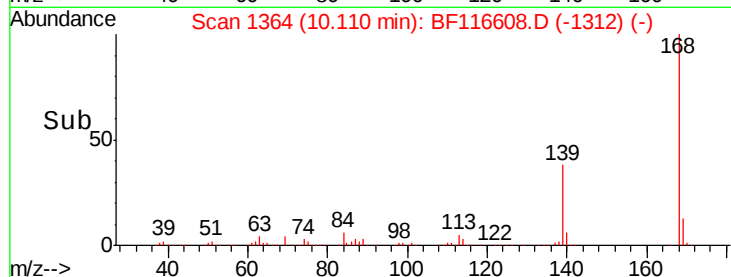
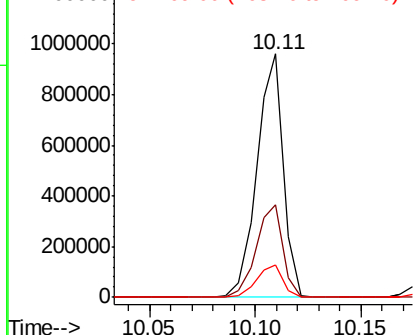
#55
Dibenzenofuran
Concen: 48.470 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 833191
Ion Ratio Lower Upper
168 100
139 38.0 31.3 46.9
169 13.3 11.3 16.9

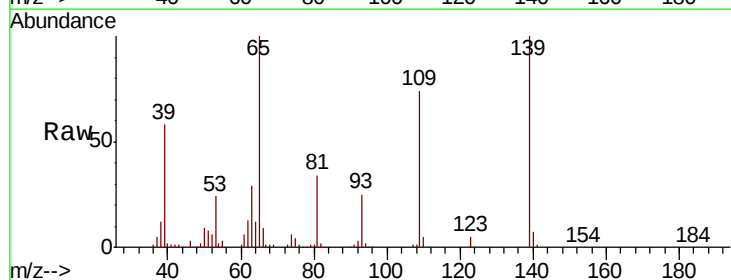


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

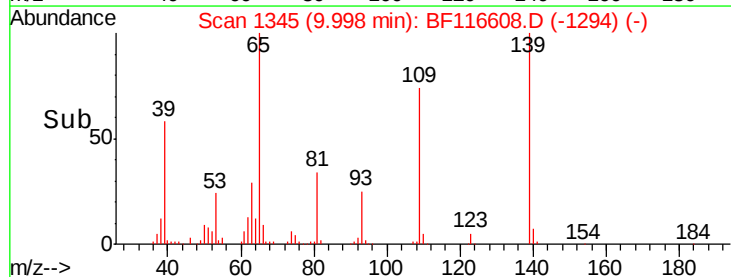
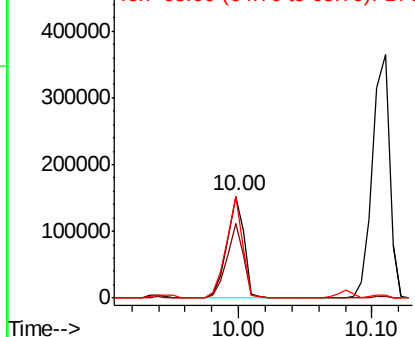


#56
4-Nitrophenol
Concen: 50.299 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:139 Resp: 141036
Ion Ratio Lower Upper
139 100
109 73.9 45.5 85.5
65 99.6 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

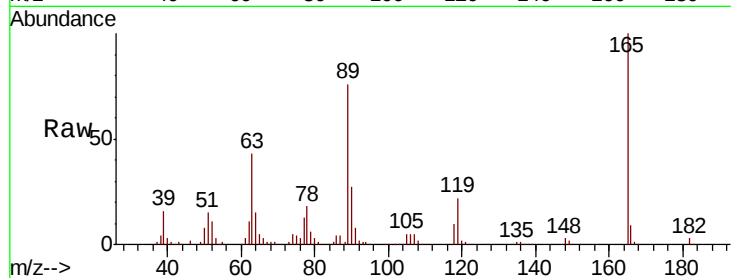




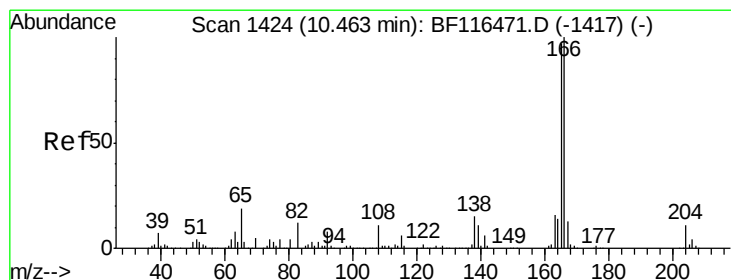
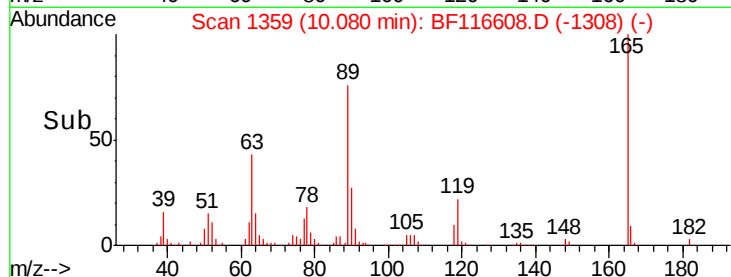
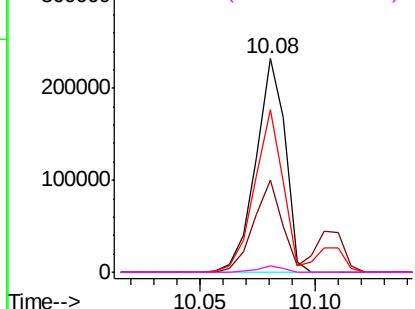
#57
2,4-Dinitrotoluene
Concen: 53.660 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	206646
Ion	Ratio	Lower	Upper
165	100		
63	43.2	30.9	46.3
89	76.0	55.0	82.6
182	2.8	2.2	3.2

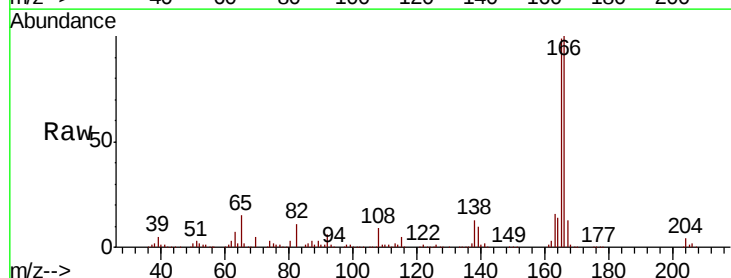


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

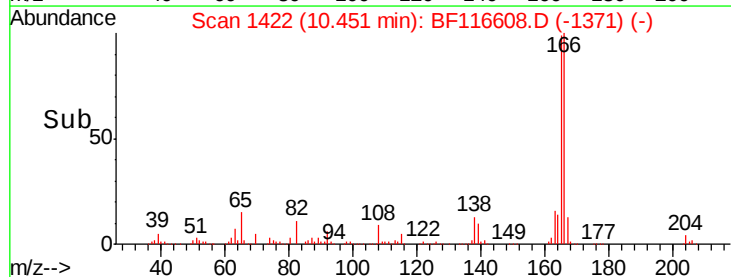
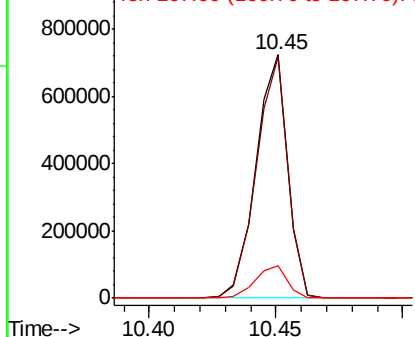


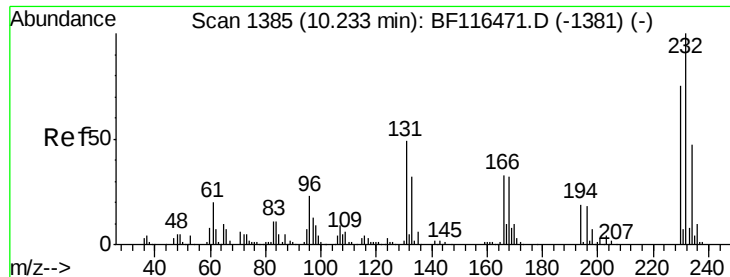
#58
Fluorene
Concen: 47.309 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:	166	Resp:	631837
Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.4	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

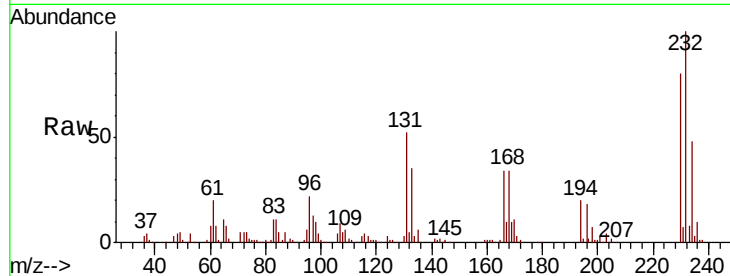




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.798 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.8	37.7	56.5
130	2.5	1.8	2.6
166	33.1	25.5	38.3



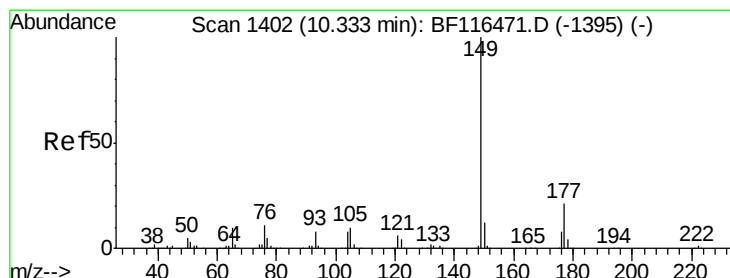
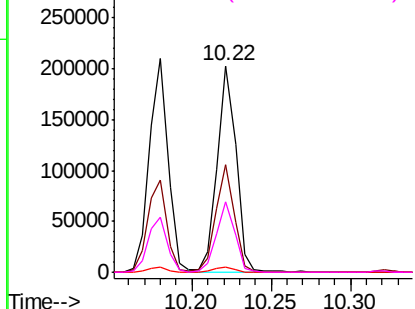
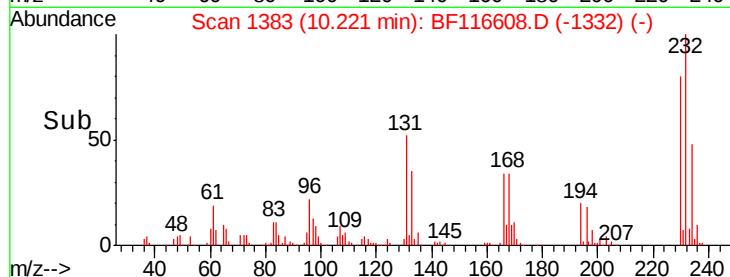
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

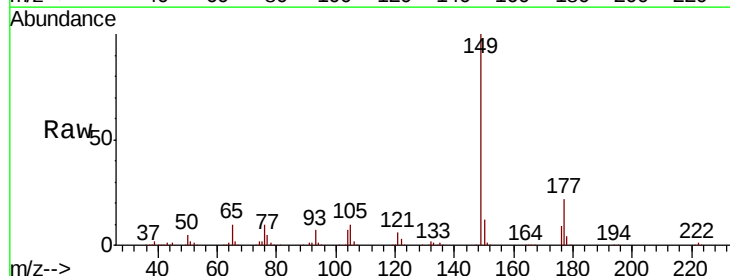
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.368 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.2	27.4
150	12.4	10.1	15.1

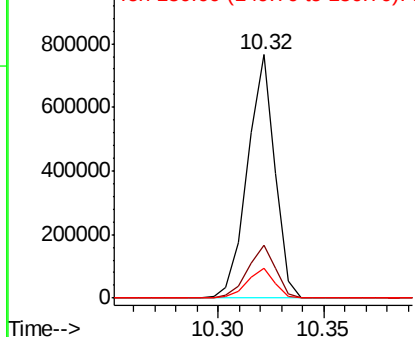
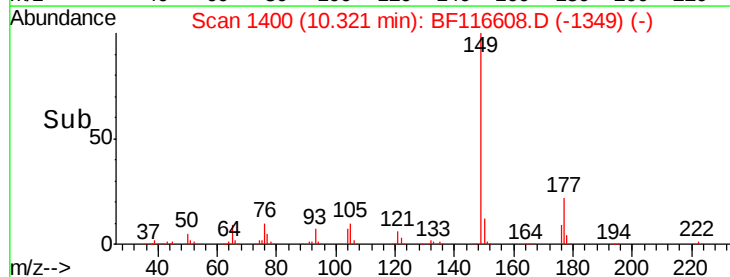


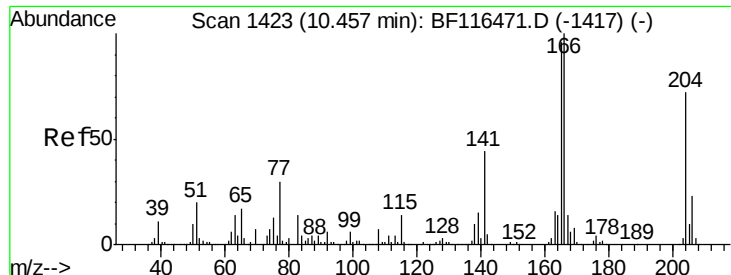
Abundance

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

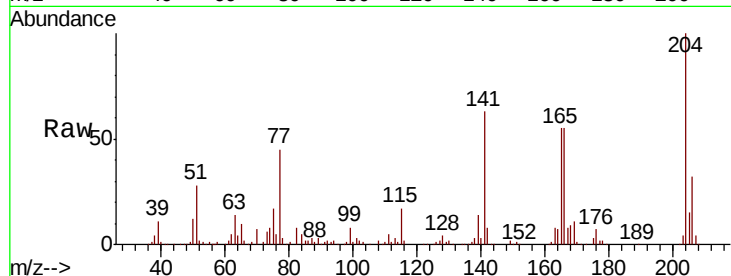




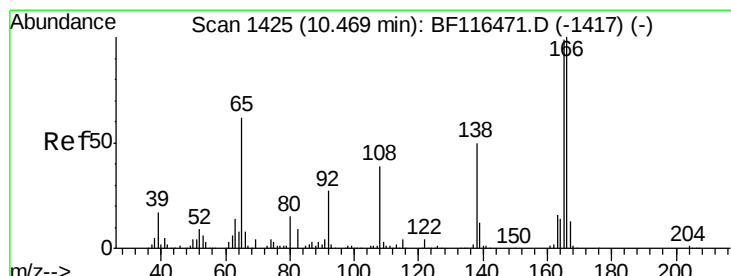
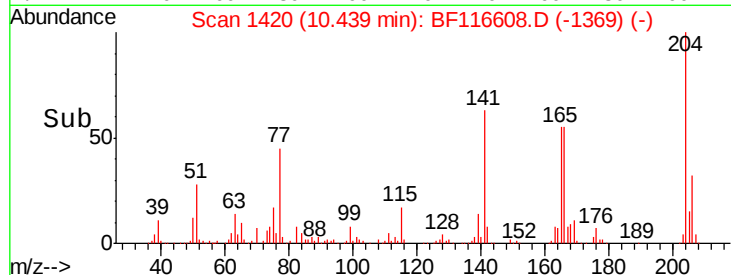
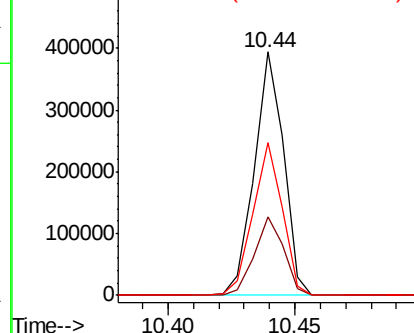
#61
 4-Chlorophenyl-phenylether
 Concen: 48.721 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 317436
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.0 39.0
 141 62.6 47.9 71.9

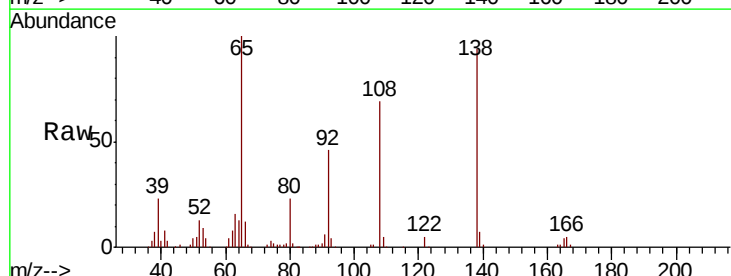


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

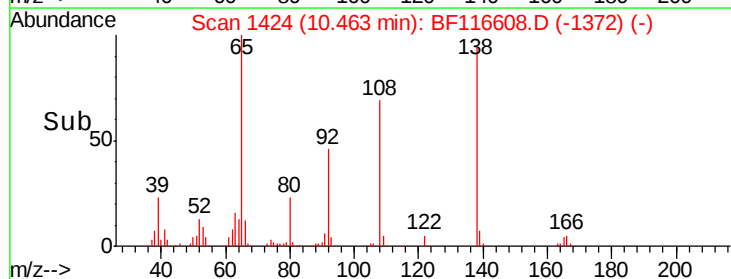
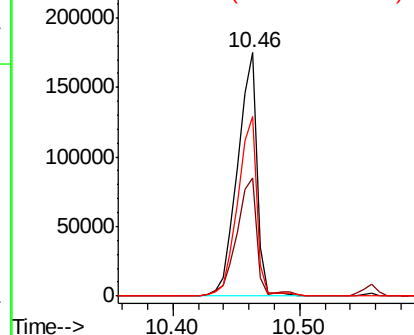


#62
 4-Nitroaniline
 Concen: 52.080 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion:138 Resp: 183754
 Ion Ratio Lower Upper
 138 100
 92 48.7 28.9 68.9
 108 73.8 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

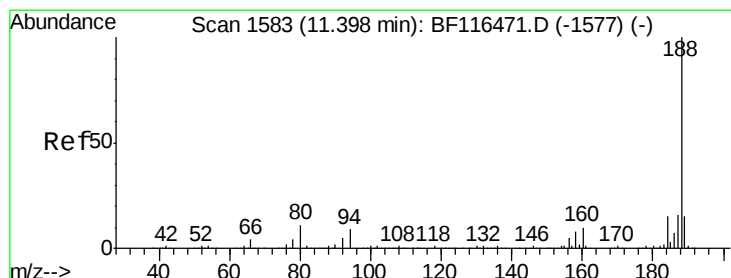
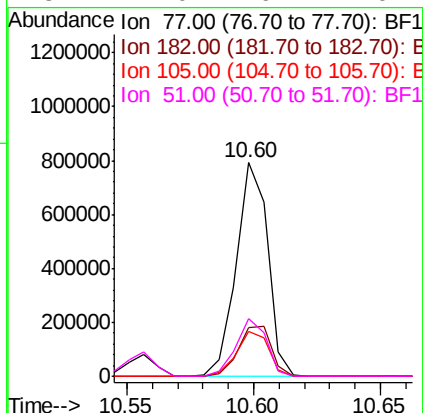
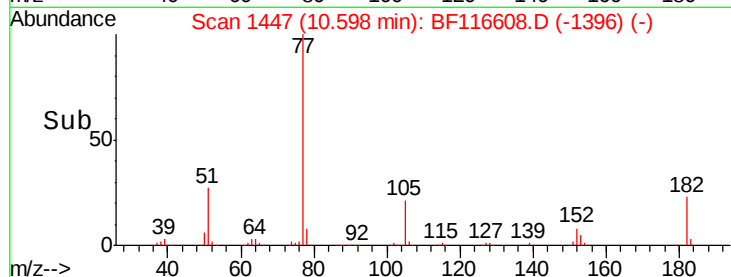
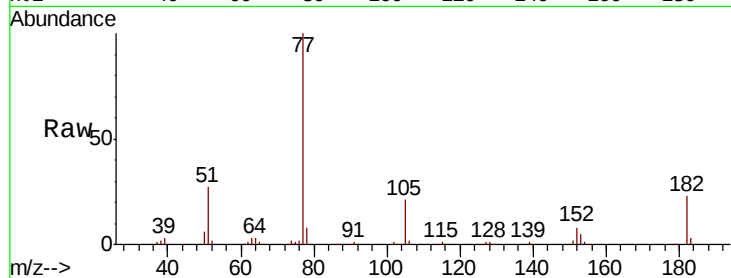




#63
Azobenzene
Concen: 45.525 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

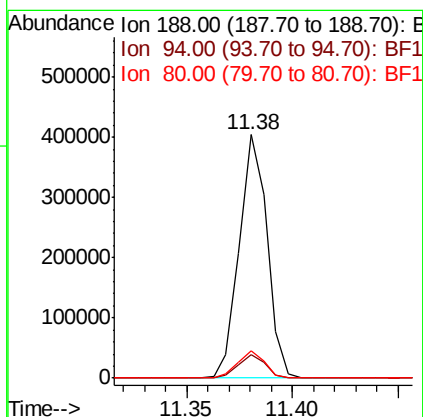
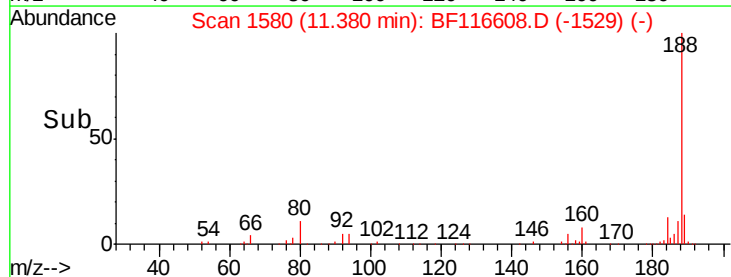
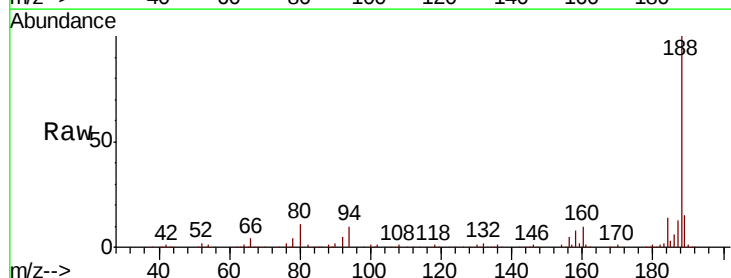
Instrument :
BNA_F
ClientSampleId :

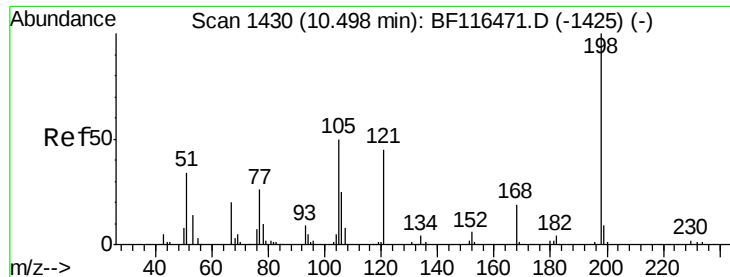
Tot Ion:	77	Resp:	680255
Ion	Ratio	Lower	Upper
77	100		
182	22.8	3.8	43.8
105	21.1	1.6	41.6
51	27.0	6.1	46.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:	188	Resp:	368618
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.4
80	11.5	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 73.403 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

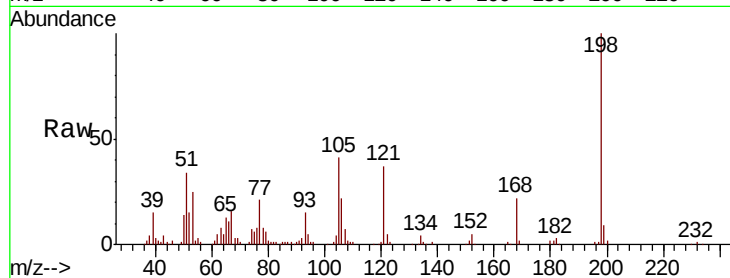
Tot Ion:198 Resp: 98852

Ion Ratio Lower Upper

198 100

51 34.3 21.9 61.9

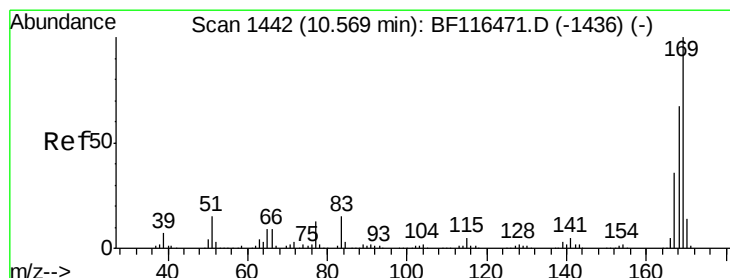
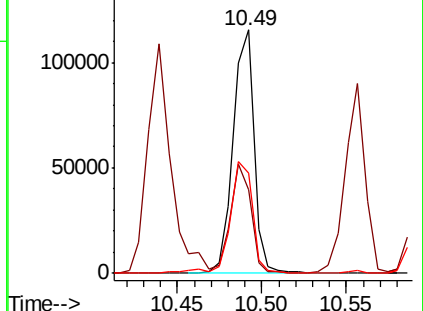
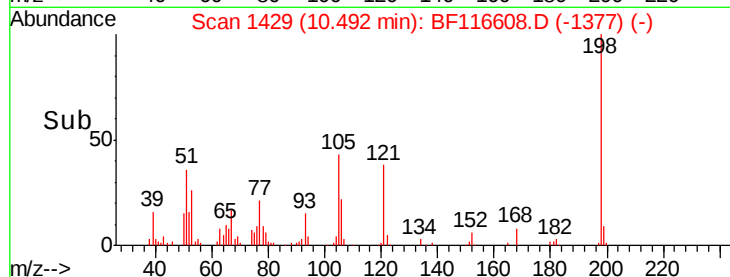
105 41.2 25.2 65.2



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: 47.812 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

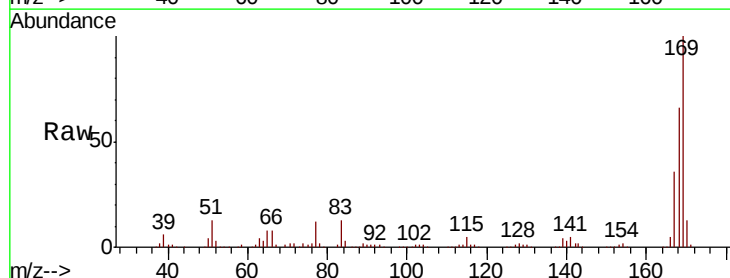
Tgt Ion:169 Resp: 570676

Ion Ratio Lower Upper

169 100

168 65.8 53.8 80.8

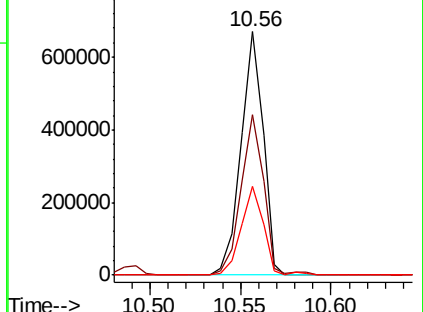
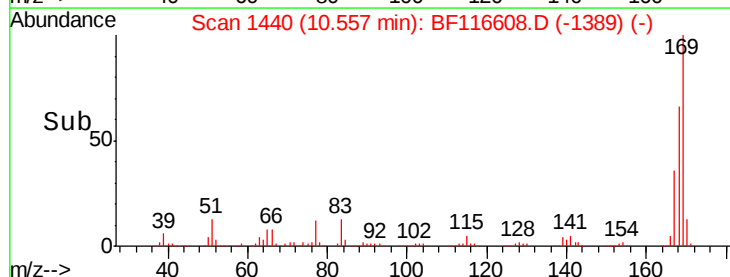
167 36.3 29.3 43.9

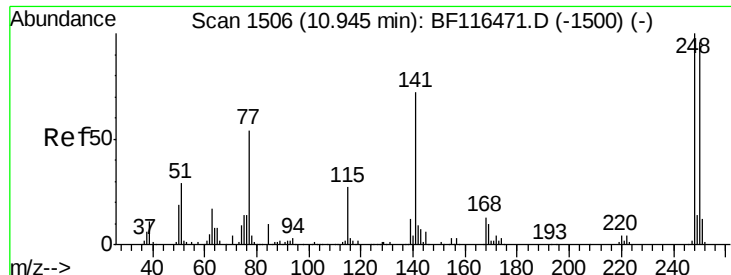


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

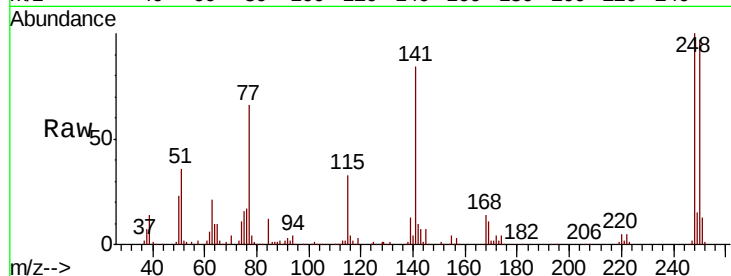




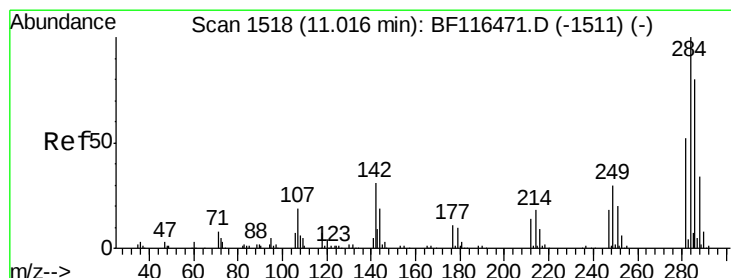
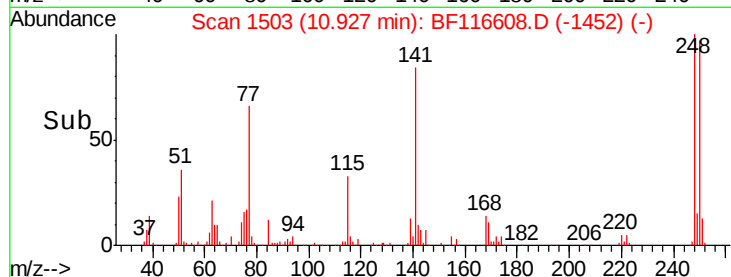
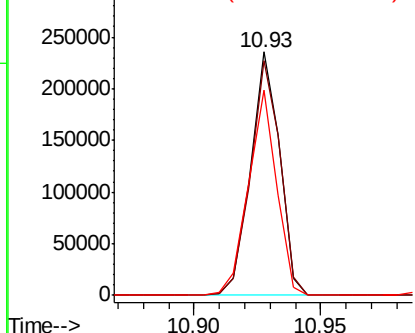
#67
4-Bromophenyl-phenylether
Concen: 48.790 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 188551
Ion Ratio Lower Upper
248 100
250 96.6 76.6 115.0
141 84.4 60.8 91.2

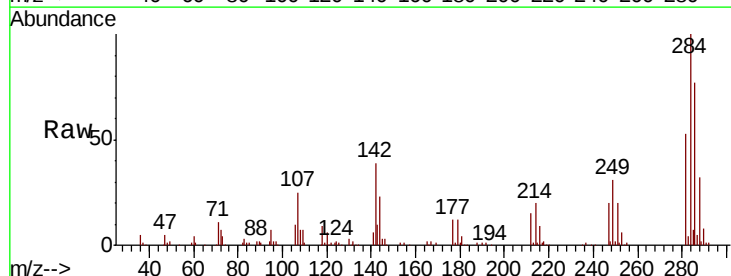


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

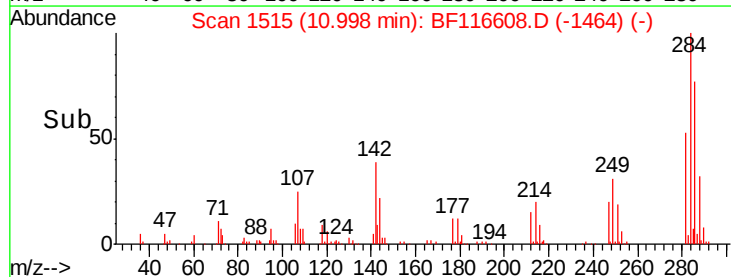
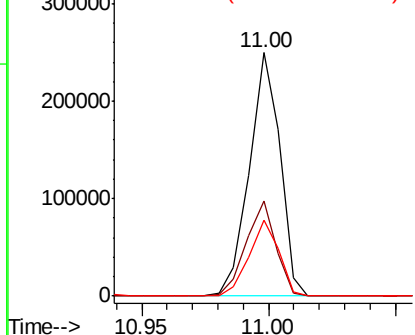


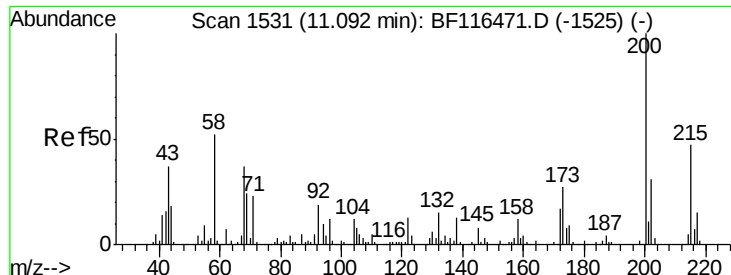
#68
Hexachlorobenzene
Concen: 49.247 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:284 Resp: 210499
Ion Ratio Lower Upper
284 100
142 38.9 27.8 41.8
249 31.2 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

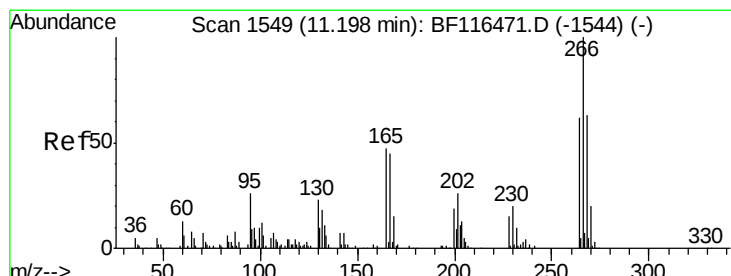
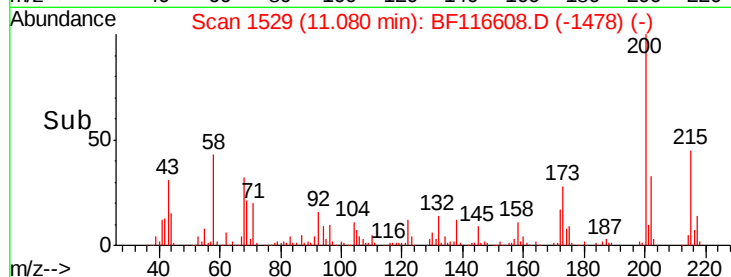
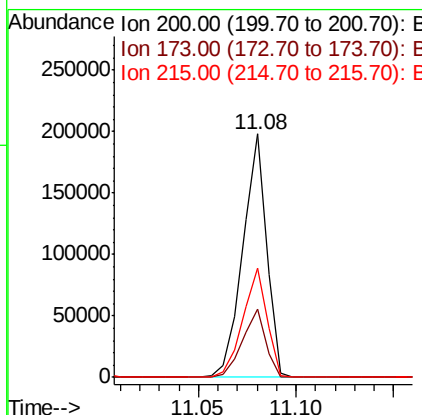
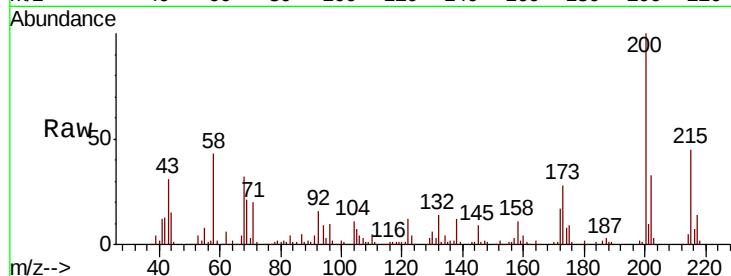




#69
 Atrazine
 Concen: 46.844 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

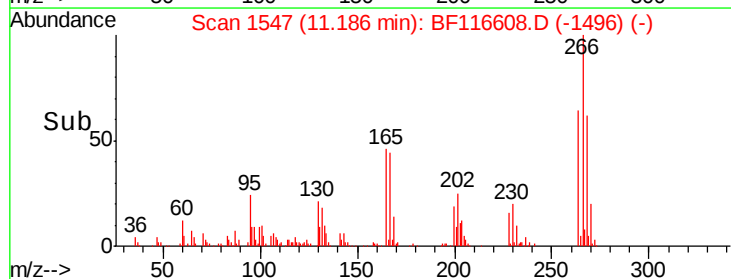
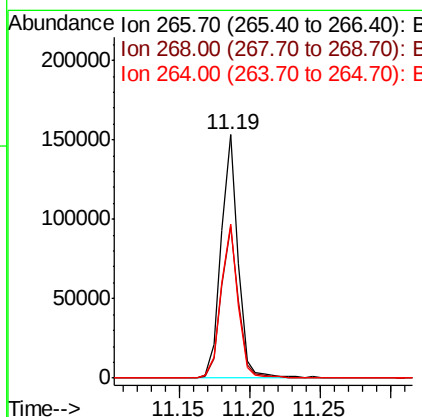
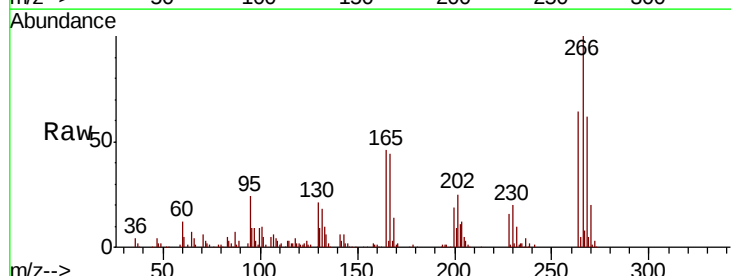
Instrument :
 BNA_F
 ClientSampleId :

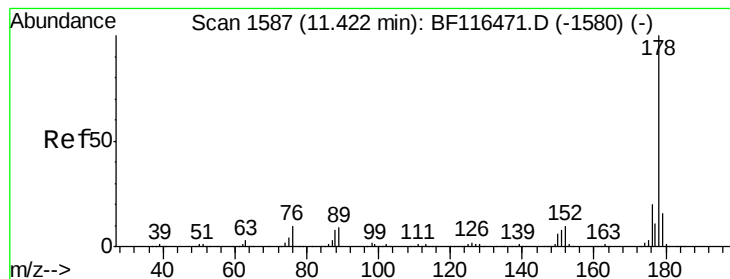
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.8	46.8
215	45.0	28.5	68.5



#70
 Pentachlorophenol
 Concen: 51.652 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	49.8	74.8
264	63.5	49.9	74.9





#71

Phenanthrene

Concen: 47.366 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampled :

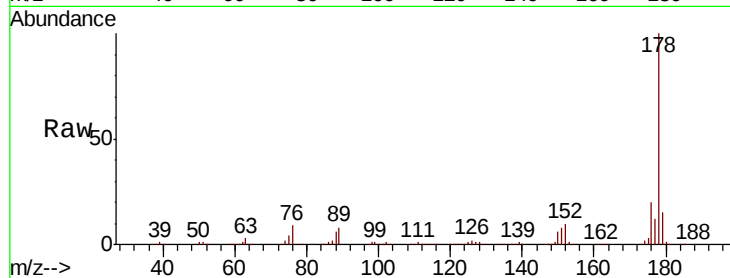
Tot Ion:178 Resp: 951144

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

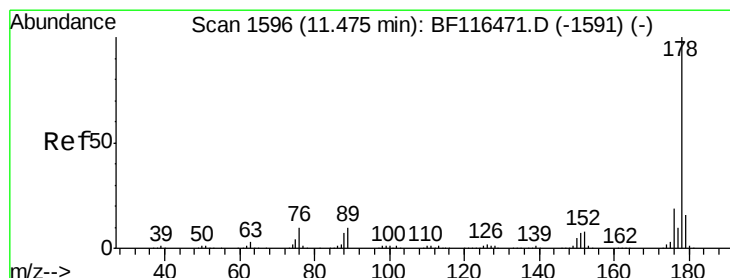
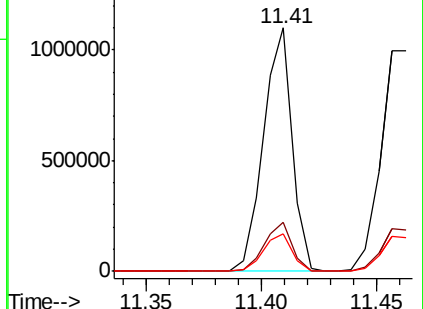
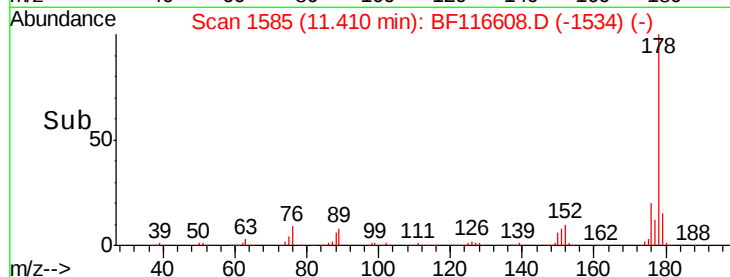
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.723 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

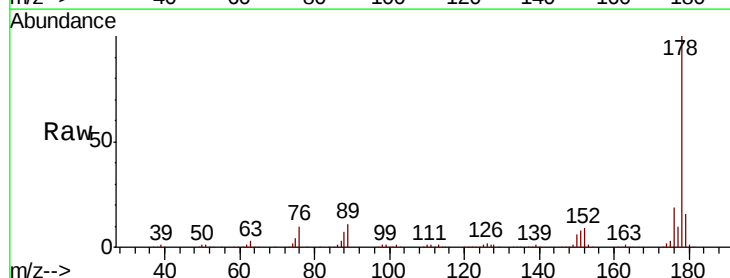
Tgt Ion:178 Resp: 962972

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

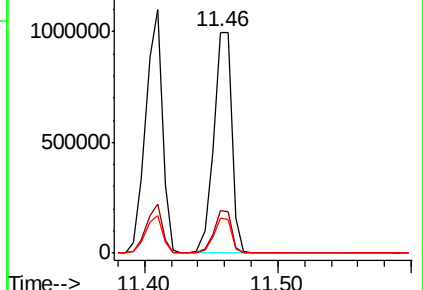
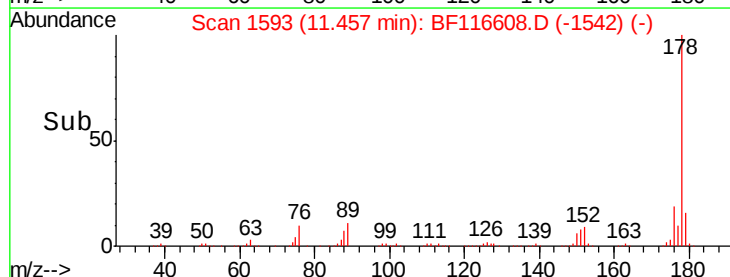
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

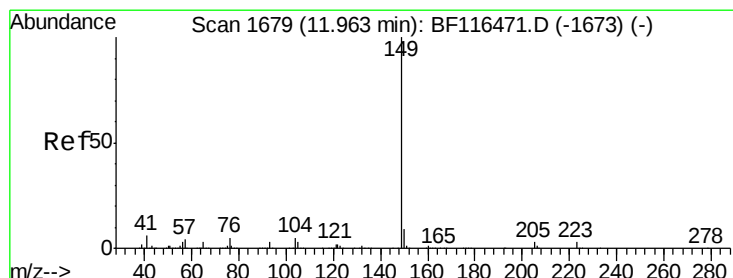
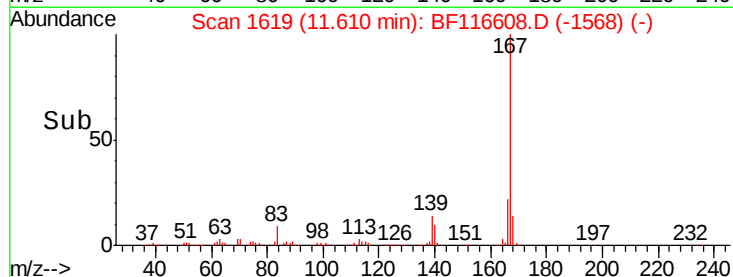
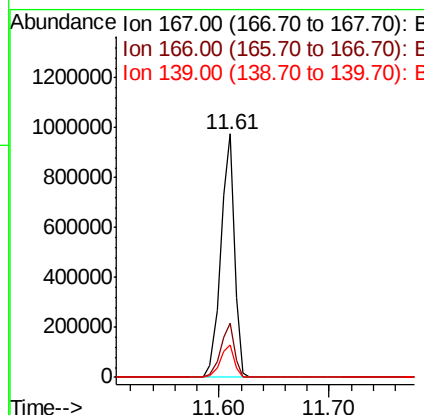
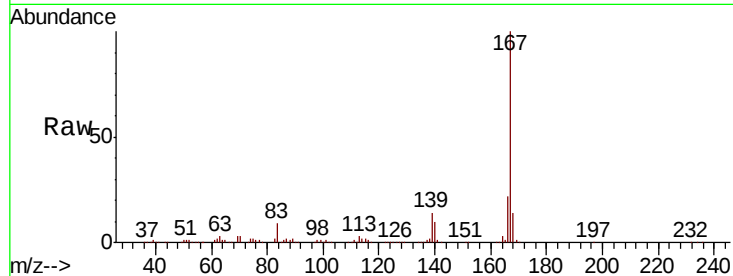




#73
 Carbazole
 Concen: 46.383 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

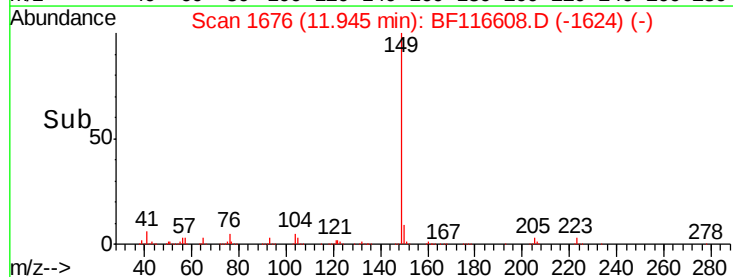
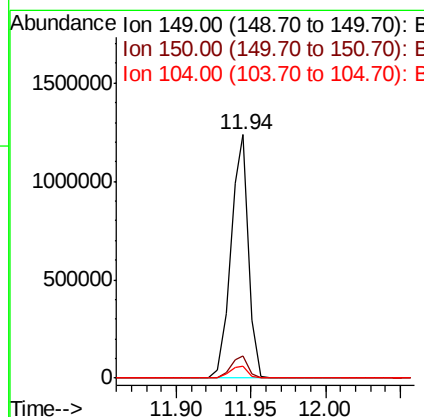
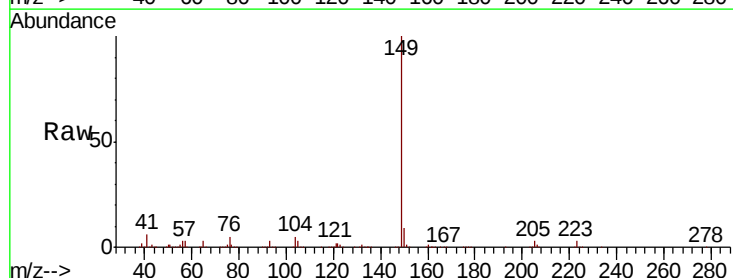
Instrument :
 BNA_F
 ClientSampleId :

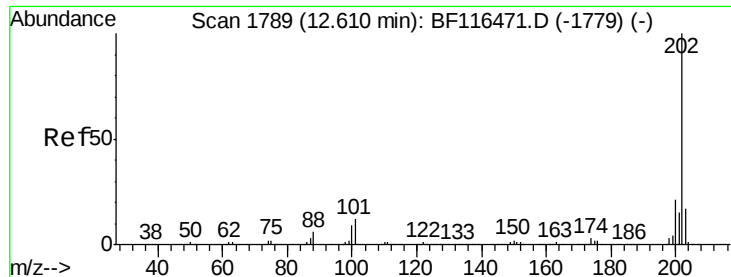
Tot Ion:167 Resp: 840110
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 45.754 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion:149 Resp: 1026913
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 4.2 6.4

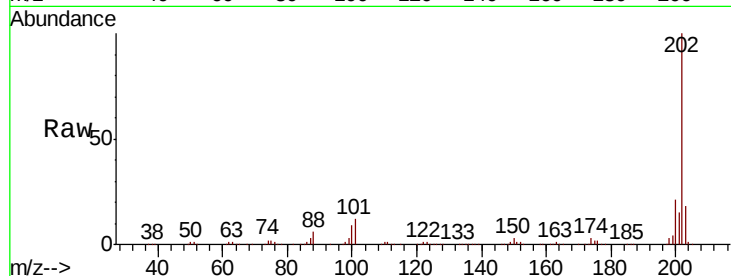




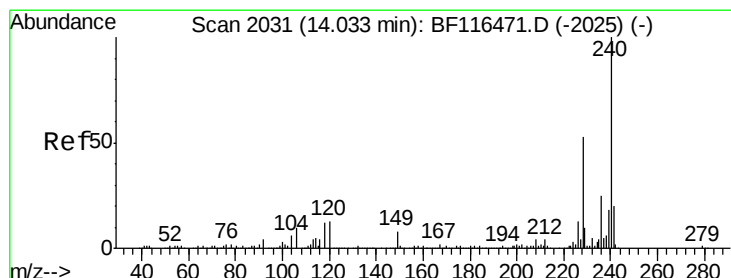
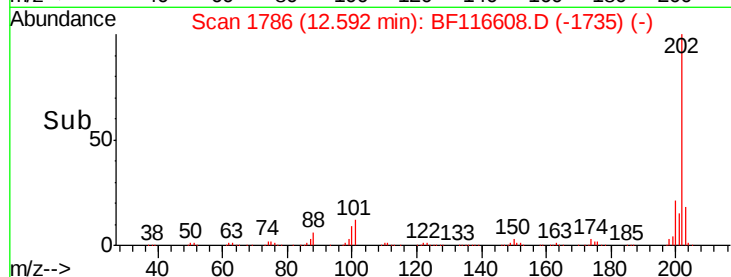
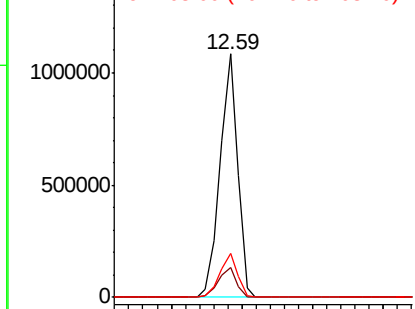
#75
 Fluoranthene
 Concen: 45.300 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.8
203	18.0	0.0	37.1

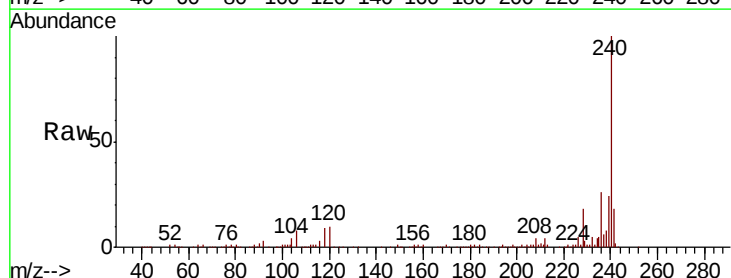


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

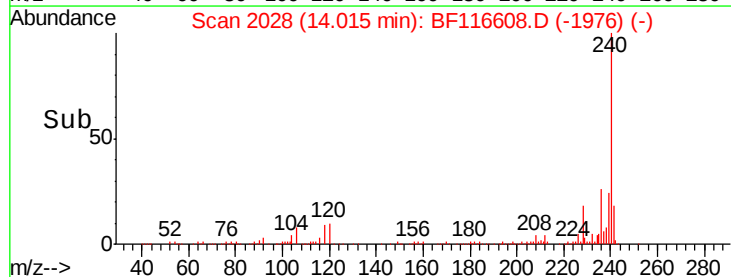
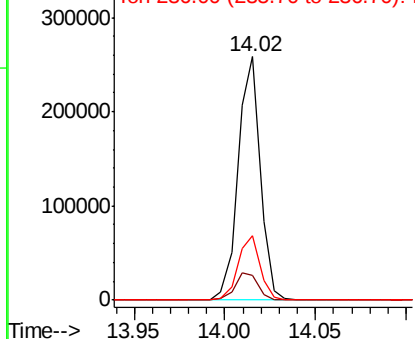


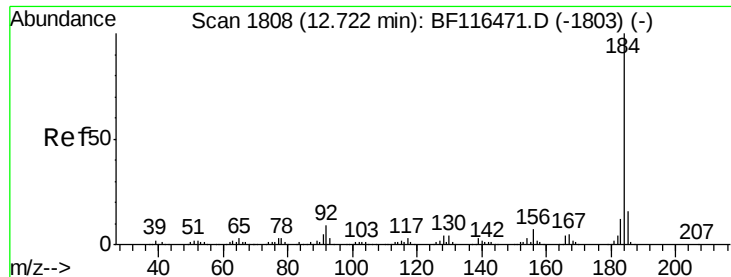
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	11.3	16.9#
236	26.3	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: 39.725 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

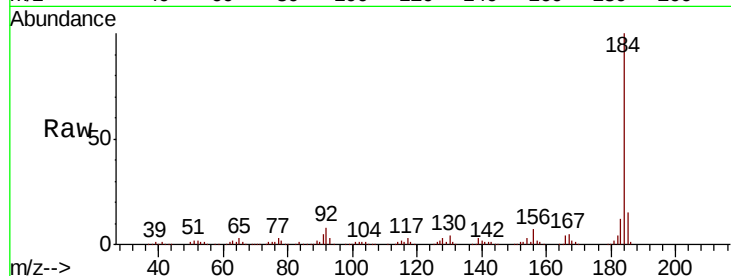
Tot Ion:184 Resp: 351466

Ion Ratio Lower Upper

184 100

185 14.8 11.5 17.3

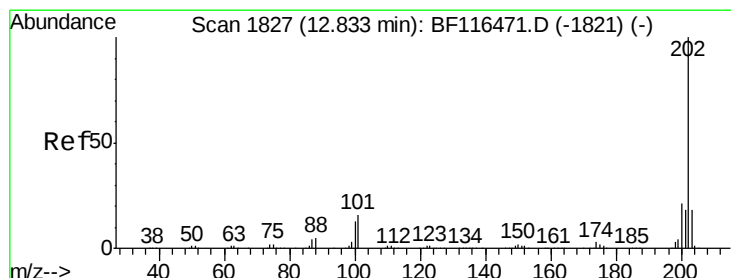
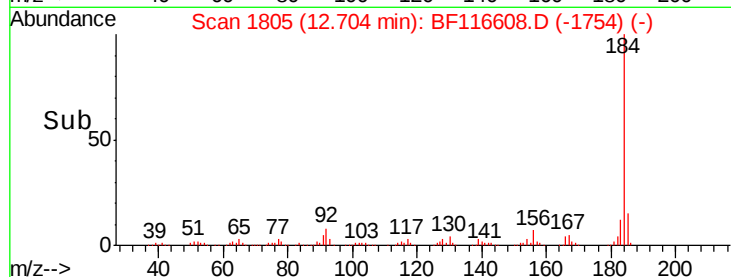
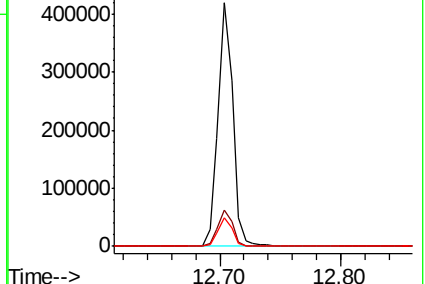
183 11.7 9.3 13.9



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: 53.795 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

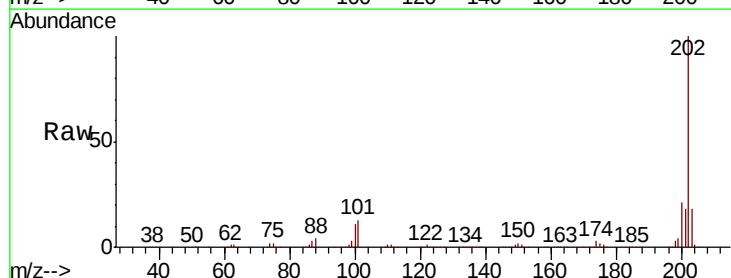
Tgt Ion:202 Resp: 946039

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.0

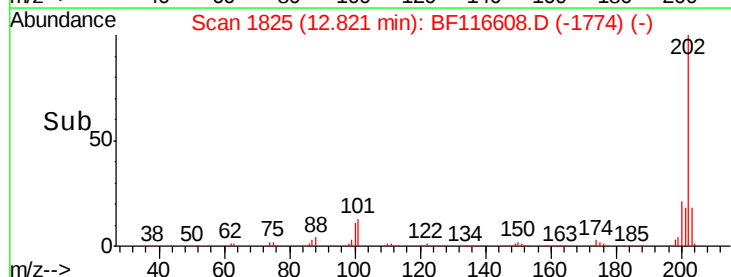
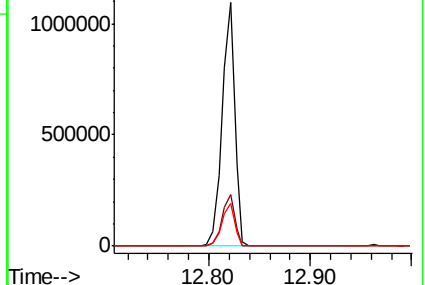
203 17.6 14.2 21.4

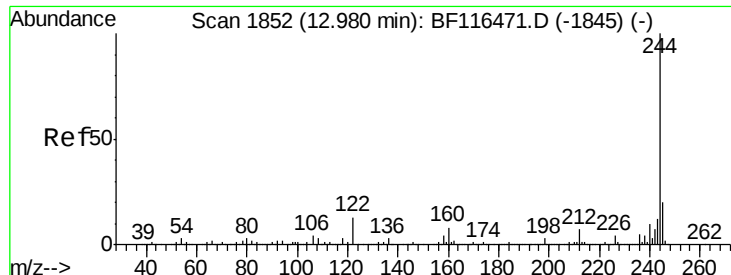


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

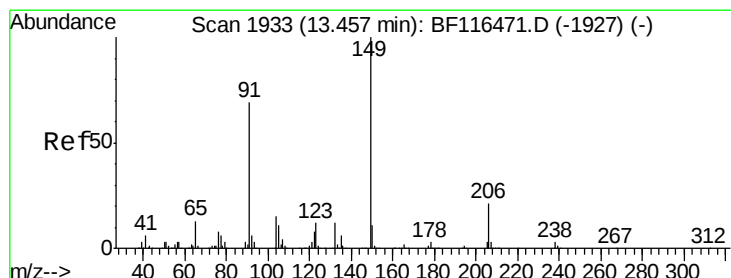
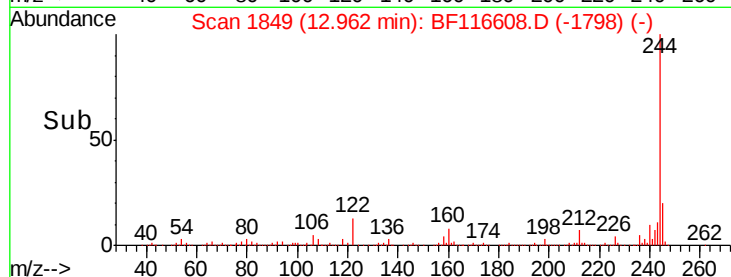
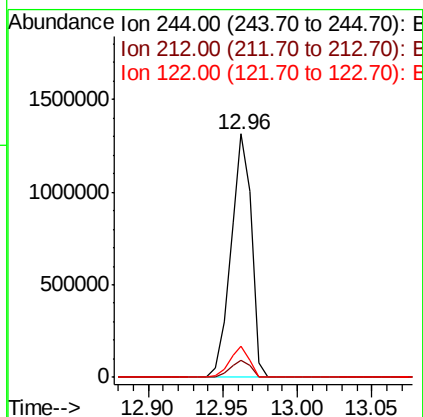
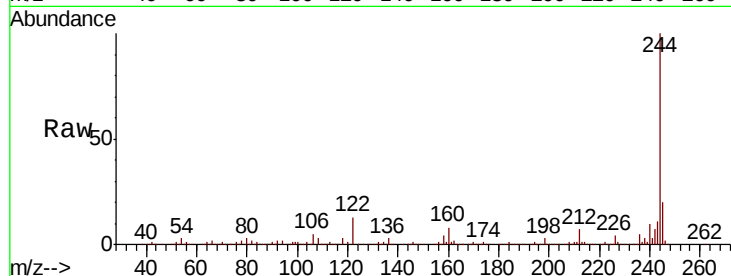




#79
 Terphenyl-d14
 Concen: 107.989 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

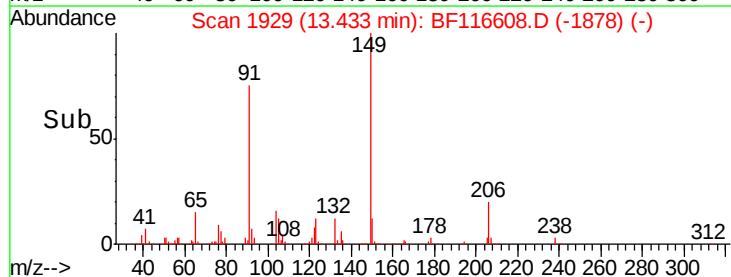
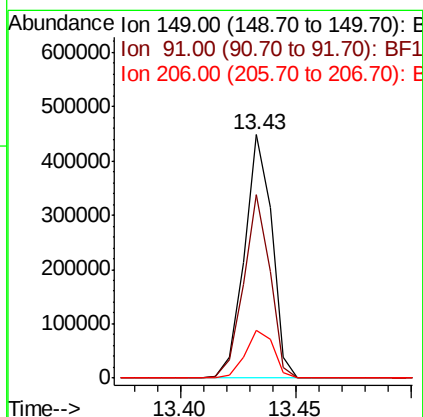
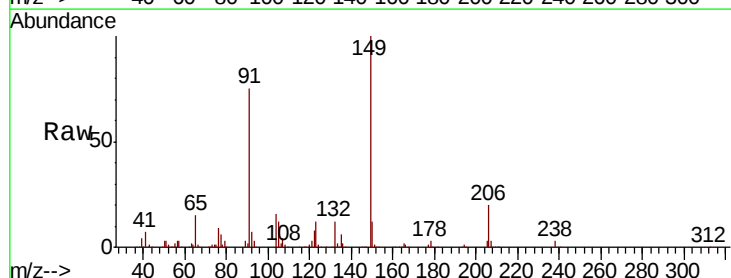
Instrument :
 BNA_F
 ClientSampleId :

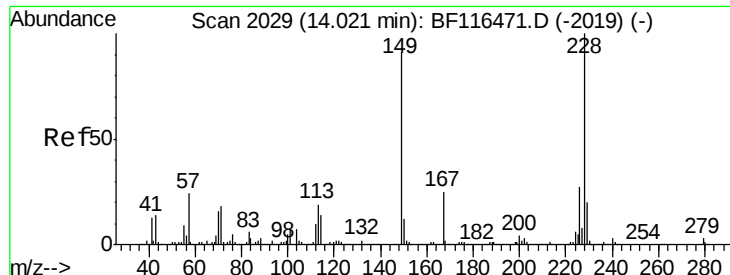
Tot Ion:244 Resp: 1271338
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 13.0 10.0 15.0



#80
 Butylbenzylphthalate
 Concen: 49.049 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion:149 Resp: 372523
 Ion Ratio Lower Upper
 149 100
 91 75.1 57.9 86.9
 206 19.5 16.2 24.4





#81

Benzo(a)anthracene

Concen: 49.243 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

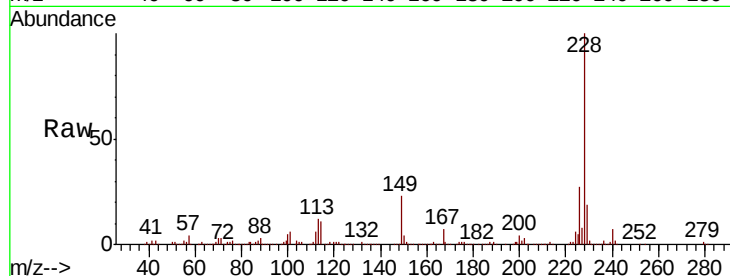
Tot Ion:228 Resp: 701340

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

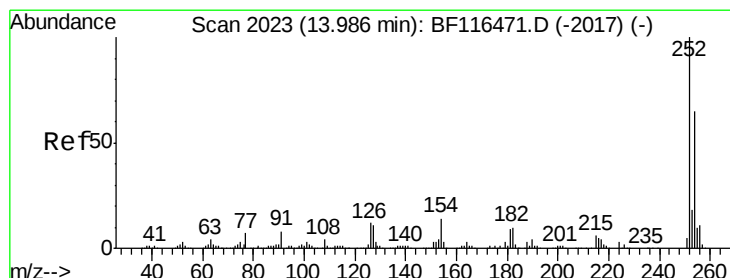
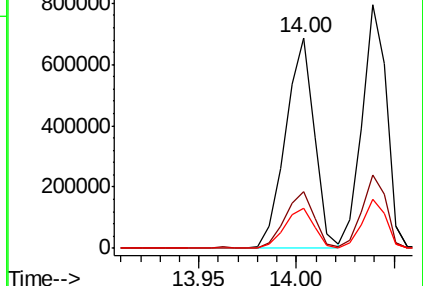
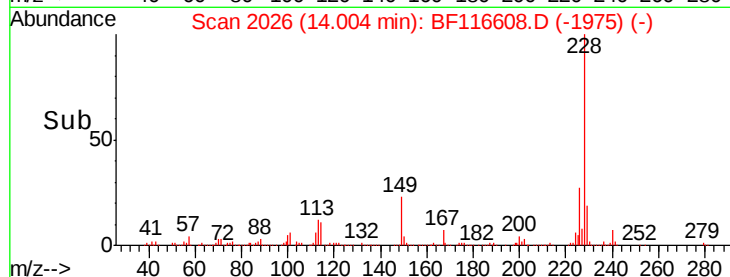
229 19.1 15.4 23.0



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: 46.728 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

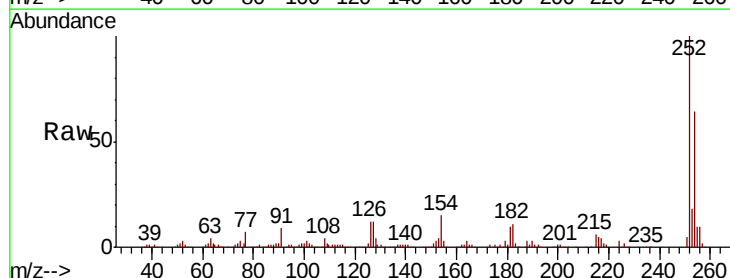
Tgt Ion:252 Resp: 237169

Ion Ratio Lower Upper

252 100

254 64.3 51.9 77.9

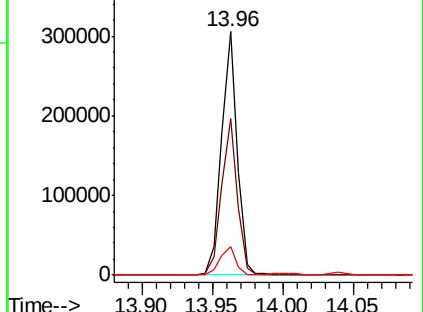
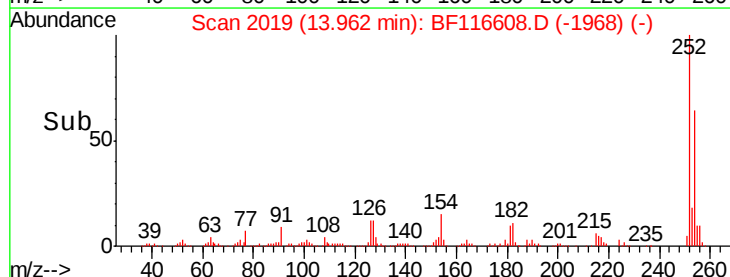
126 11.8 8.7 13.1

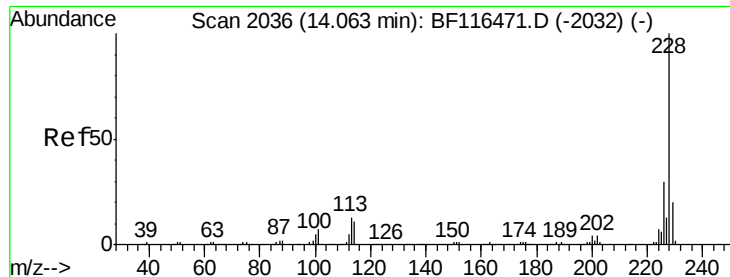


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

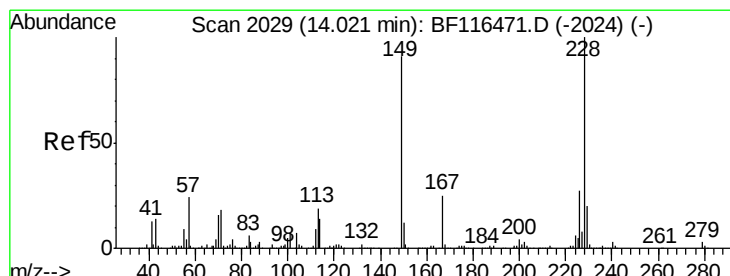
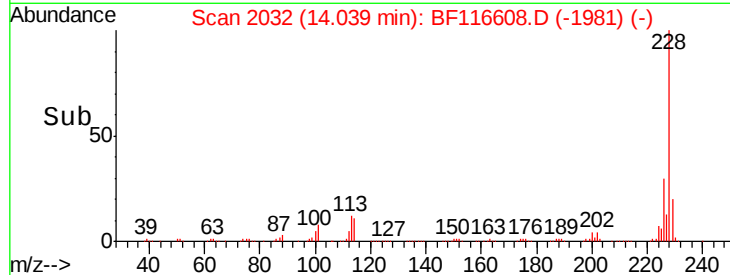
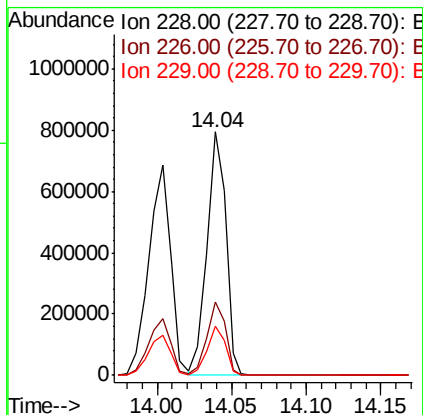
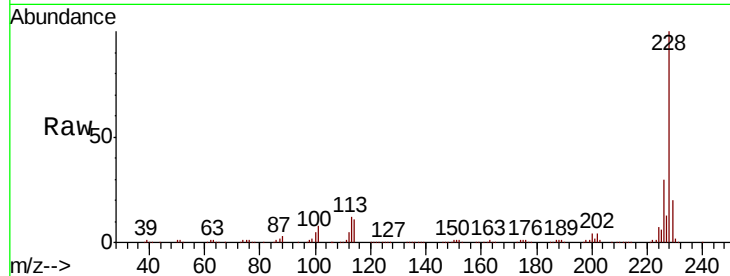




#83
 Chrysene
 Concen: 48.066 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

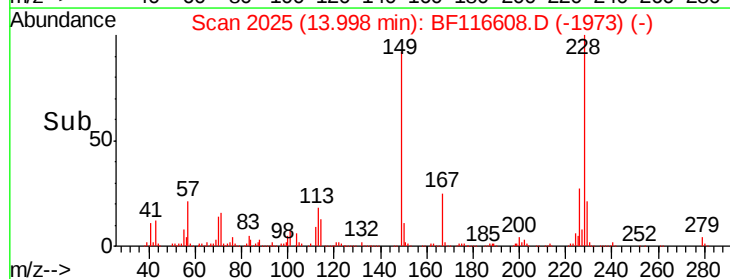
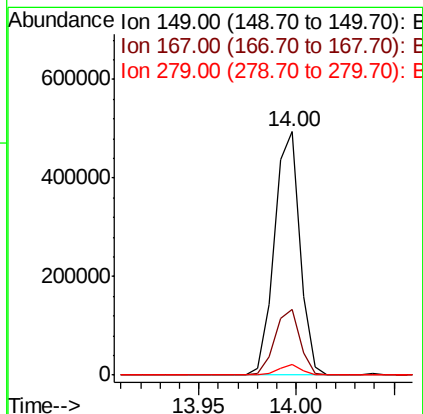
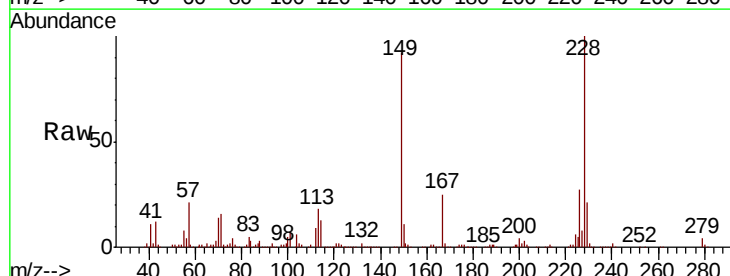
Instrument :
 BNA_F
 ClientSampled :

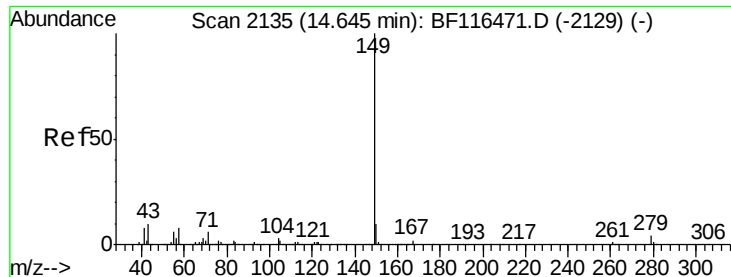
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	20.1	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.297 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF116608.D
 Acq: 28 Aug 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.2	31.8
279	4.1	2.7	4.1#





#85

Di-n-octyl phthalate

Concen: 38.583 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

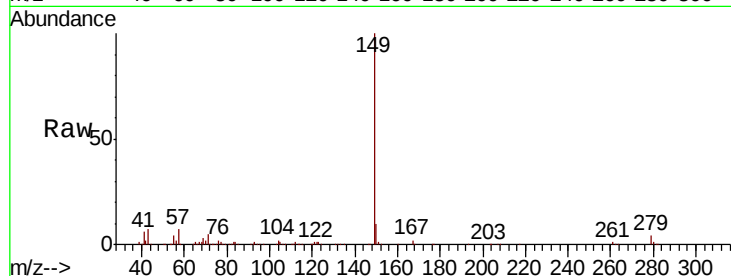
Tot Ion:149 Resp: 663376

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

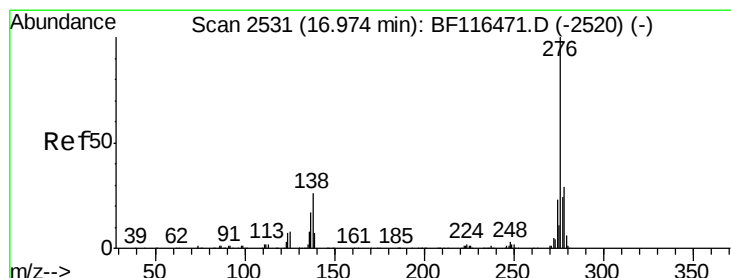
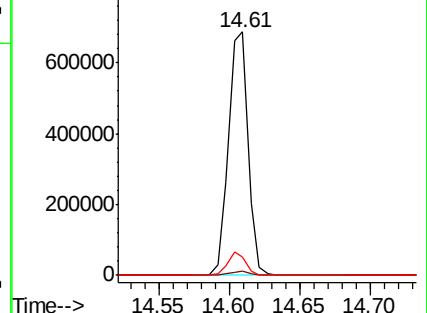
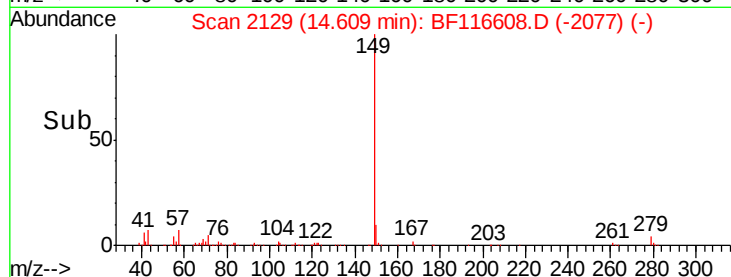
43 8.8 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.670 ng

RT: 16.93 min Scan# 2523

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

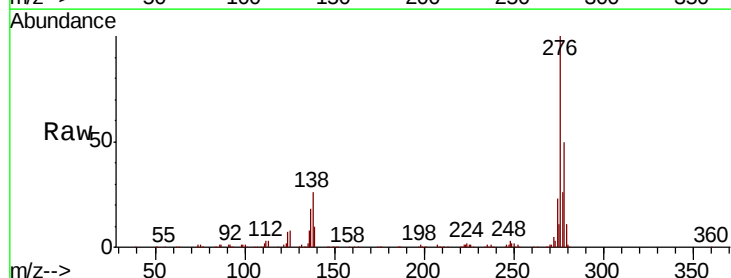
Tgt Ion:276 Resp: 577110

Ion Ratio Lower Upper

276 100

138 26.9 21.5 32.3

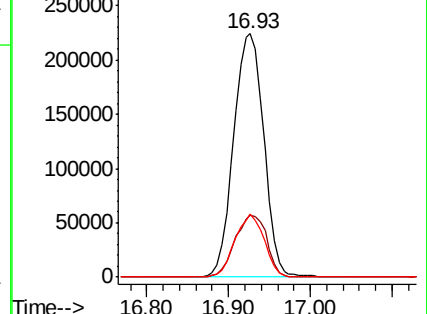
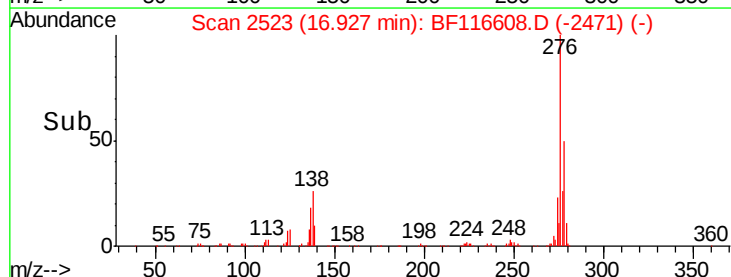
277 25.1 20.0 30.0

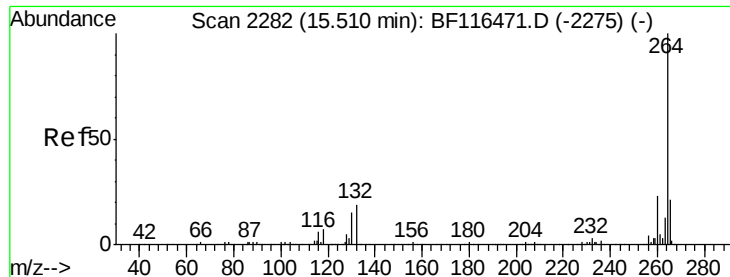


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

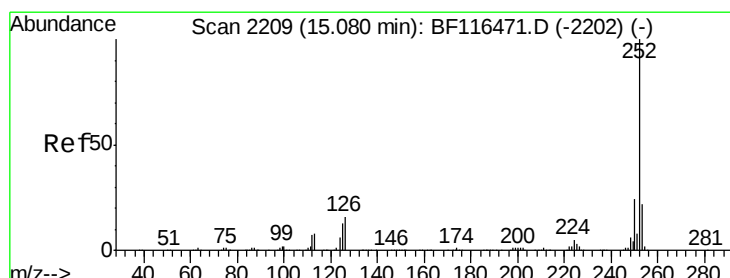
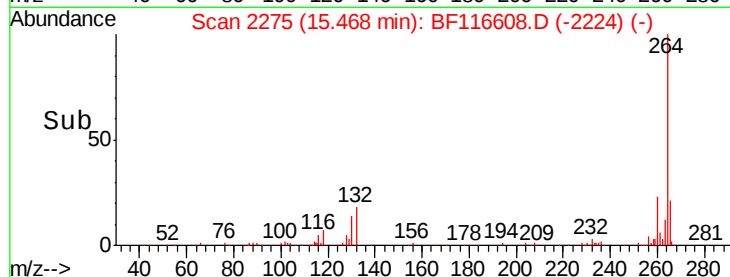
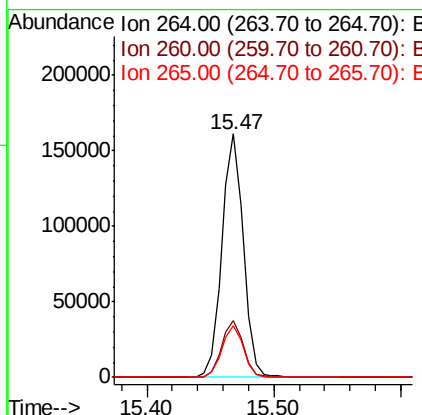
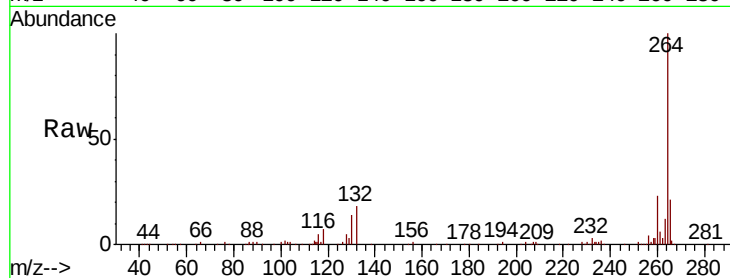




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

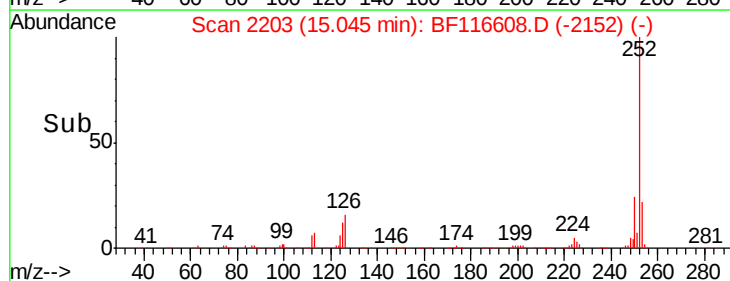
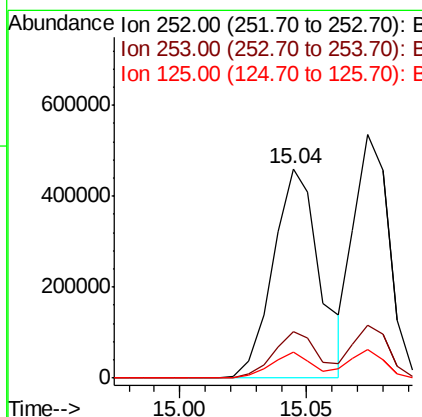
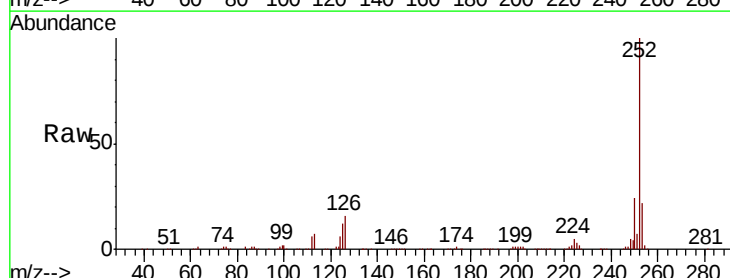
Instrument :
BNA_F
ClientSampleId :

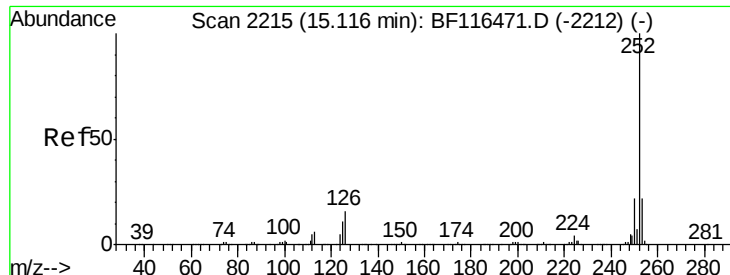
Tot Ion:264 Resp: 189119
Ion Ratio Lower Upper
264 100
260 23.5 20.0 30.0
265 21.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 50.694 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:252 Resp: 592249
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.4 9.0 13.6

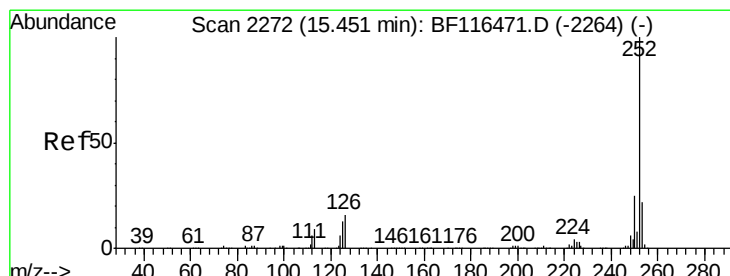
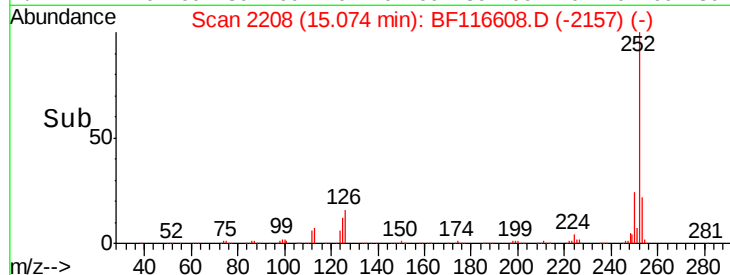
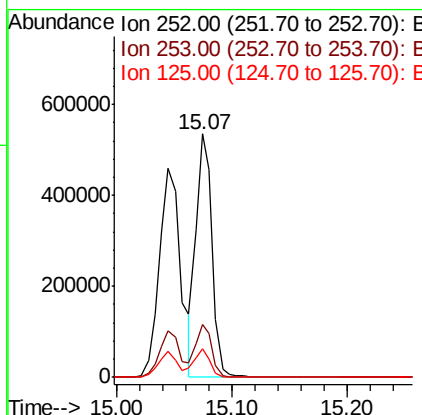
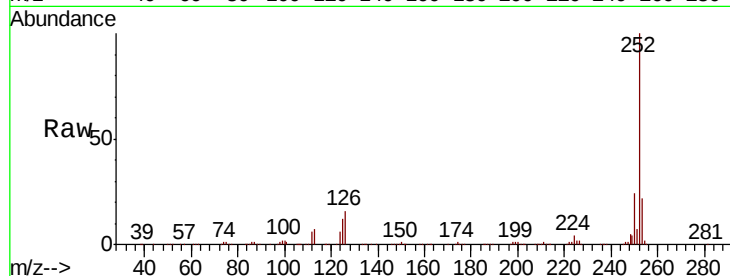




#89
Benzo(k)fluoranthene
Concen: 49.520 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

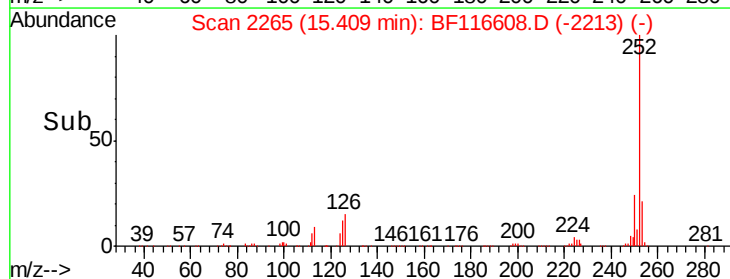
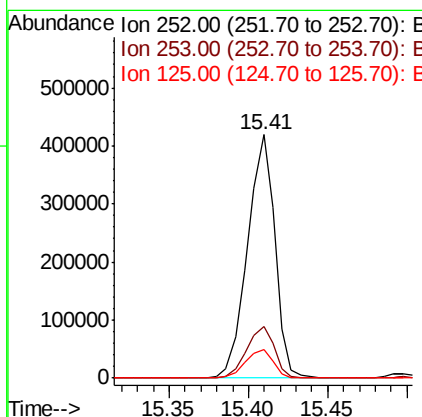
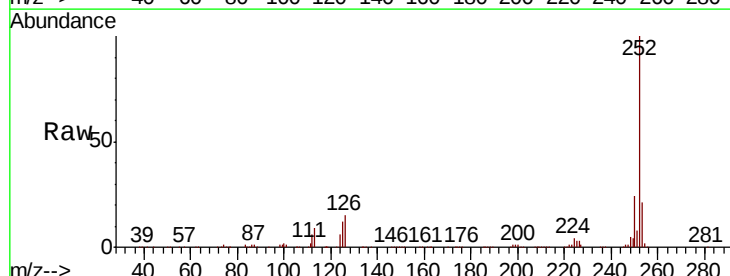
Instrument :
BNA_F
ClientSampleId :

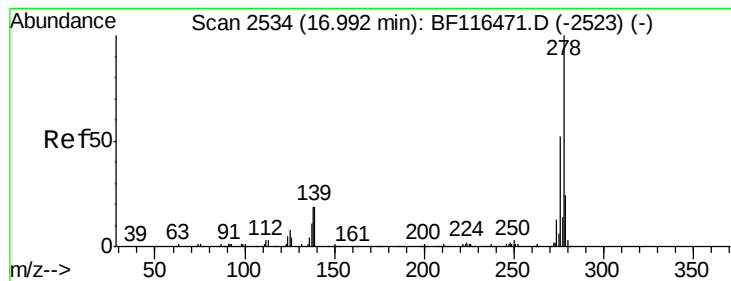
Tot Ion:252 Resp: 524119
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 48.753 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116608.D
Acq: 28 Aug 2019 10:49

Tgt Ion:252 Resp: 503392
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 12.0 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 55.607 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

Instrument :

BNA_F

ClientSampleId :

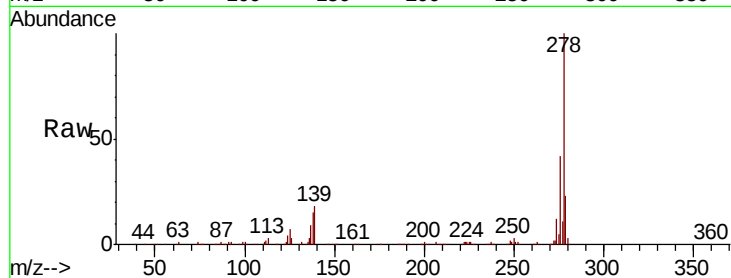
Tot Ion:278 Resp: 471802

Ion Ratio Lower Upper

278 100

139 17.7 14.1 21.1

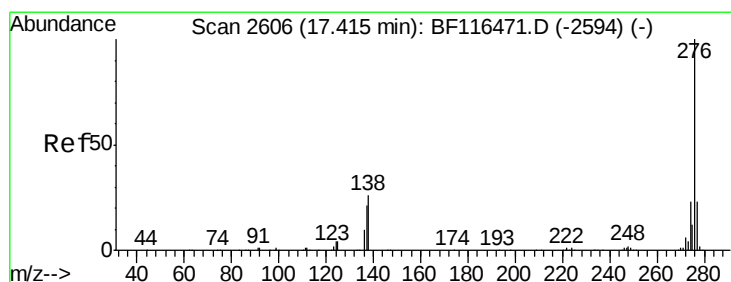
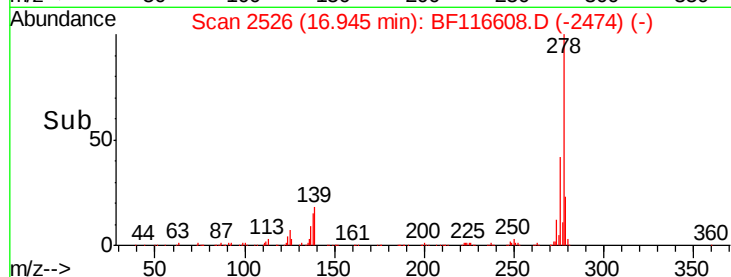
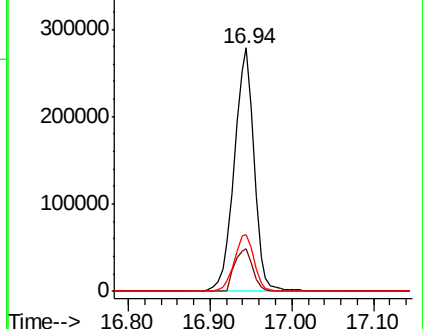
279 23.1 19.5 29.3



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: 66.537 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF116608.D

Acq: 28 Aug 2019 10:49

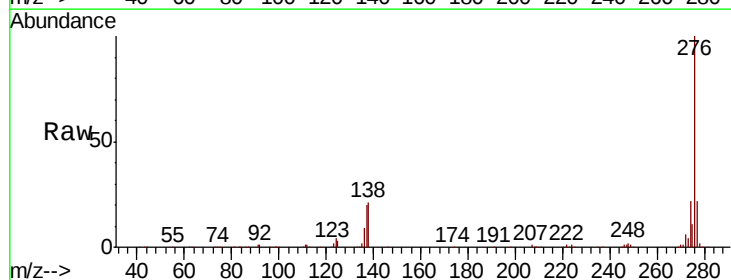
Tgt Ion:276 Resp: 538196

Ion Ratio Lower Upper

276 100

277 22.2 19.0 28.4

138 21.2 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

