

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116614.D
 Acq On : 28 Aug 2019 14:51
 Operator : HP/JU
 Sample : PB122569BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:02:03 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 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98218	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	408389	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	219208	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	385566	20.00	ng	0.00
76) Chrysene-d12	14.01	240	282484	20.00	ng	0.00
87) Perylene-d12	15.46	264	225822	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	688070	121.00	ng	0.01
7) Phenol-d6	6.49	99	884261	114.70	ng	0.00
23) Nitrobenzene-d5	7.42	82	451329	63.24	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	205032	98.29	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	849702	64.51	ng	0.00
79) Terphenyl-d14	12.96	244	902818	51.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.73	88	126248	47.726	ng	99
3) Pyridine	3.47	79	303224	40.823	ng	100
4) n-Nitrosodimethylamine	3.42	42	132374	47.263	ng	99
6) Aniline	6.53	93	373913	36.004	ng	97
8) 2-Chlorophenol	6.65	128	303969	47.435	ng	98
9) Benzaldehyde	6.41	77	225428	53.093	ng	96
10) Phenol	6.50	94	402267	47.569	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	286532	45.591	ng	98
12) 1,3-Dichlorobenzene	6.80	146	287474	37.870	ng	97
13) 1,4-Dichlorobenzene	6.88	146	293078	38.640	ng	99
14) 1,2-Dichlorobenzene	7.03	146	275432	38.425	ng	99
15) Benzyl Alcohol	7.00	79	248461	41.428	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	305592	35.850	ng	99
17) 2-Methylphenol	7.11	107	233280	40.655	ng	97
18) Hexachloroethane	7.38	117	105767	37.766	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	192338	39.231	ng	98
20) 3+4-Methylphenols	7.26	107	289716	41.562	ng	97
22) Acetophenone	7.27	105	389830	40.642	ng	96
24) Nitrobenzene	7.44	77	300445	41.514	ng	96
25) Isophorone	7.68	82	531964	40.943	ng	99
26) 2-Nitrophenol	7.76	139	143360	41.217	ng	94
27) 2,4-Dimethylphenol	7.80	122	248068	45.547	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	320311	37.954	ng	99
29) 2,4-Dichlorophenol	8.00	162	228508	40.143	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	250185	38.260	ng	97
31) Naphthalene	8.17	128	801357	40.964	ng	100
32) Benzoic acid	7.90	122	172859	37.139	ng	98
33) 4-Chloroaniline	8.21	127	204742	23.747	ng	99
34) Hexachlorobutadiene	8.29	225	134946	37.039	ng	98
35) Caprolactam	8.57	113	42954	25.272	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	254456	44.377	ng	99
37) 2-Methylnaphthalene	8.86	142	532364	43.575	ng	97
38) 1-Methylnaphthalene	8.96	142	495275	41.510	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	228028	37.915	ng	99

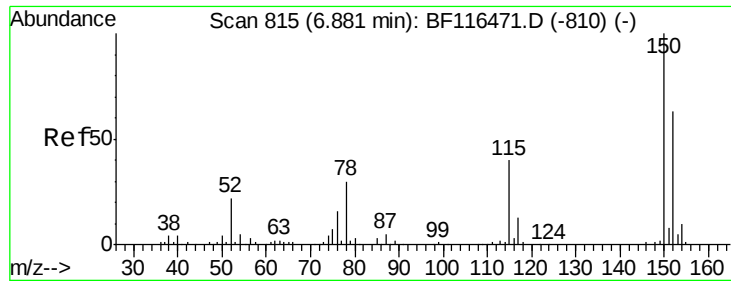
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	283434	81.384	ng	96
43) 2,4,6-Trichlorophenol	9.13	196	165452	39.171	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	169092	39.803	ng	# 93
46) 1,1'-Biphenyl	9.32	154	655908	39.417	ng	99
47) 2-Chloronaphthalene	9.35	162	507268	39.105	ng	97
48) 2-Nitroaniline	9.43	65	157663	38.429	ng	92
49) Acenaphthylene	9.76	152	785807	41.243	ng	99
50) Dimethylphthalate	9.62	163	580677	39.402	ng	99
51) 2,6-Dinitrotoluene	9.67	165	132675	40.827	ng	# 86
52) Acenaphthene	9.93	154	542806	42.075	ng	98
53) 3-Nitroaniline	9.84	138	99043	25.525	ng	95
54) 2,4-Dinitrophenol	9.95	184	120456	74.806	ng	# 46
55) Dibenzofuran	10.10	168	709152	40.819	ng	99
56) 4-Nitrophenol	10.00	139	226474	76.776	ng	94
57) 2,4-Dinitrotoluene	10.08	165	178042	41.521	ng	97
58) Fluorene	10.45	166	534478	40.537	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	142052	40.623	ng	97
60) Diethylphthalate	10.32	149	559720	38.910	ng	98
61) 4-Chlorophenyl-phenylether	10.44	204	258031	39.038	ng	99
62) 4-Nitroaniline	10.46	138	143105	37.906	ng	95
63) Azobenzene	10.60	77	576433	39.695	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	86516	42.062	ng	99
66) n-Nitrosodiphenylamine	10.56	169	483299	39.598	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	153005	37.412	ng	96
68) Hexachlorobenzene	11.00	284	168158	36.932	ng	96
69) Atrazine	11.08	200	140304	38.823	ng	99
70) Pentachlorophenol	11.19	266	204498	73.096	ng	98
71) Phenanthrene	11.40	178	817588	39.479	ng	99
72) Anthracene	11.46	178	832721	40.214	ng	99
73) Carbazole	11.60	167	733853	41.640	ng	99
74) Di-n-butylphthalate	11.94	149	868739	42.536	ng	99
75) Fluoranthene	12.59	202	830373	44.708	ng	98
77) Benzidine	12.70	184	373823	36.581	ng	100
78) Pyrene	12.82	202	837654	32.248	ng	100
80) Butylbenzylphthalate	13.43	149	352301	35.005	ng	99
81) Benzo(a)anthracene	14.00	228	698234	37.074	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	167397	27.314	ng	# 98
83) Chrysene	14.04	228	738119	40.034	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	470175	39.838	ng	99
85) Di-n-octyl phthalate	14.60	149	741823	43.094	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	457686	31.321	ng	99
88) Benzo(b)fluoranthene	15.04	252	618699	44.614	ng	98
89) Benzo(k)fluoranthene	15.07	252	562703	42.687	ng	99
90) Benzo(a)pyrene	15.40	252	523814	42.322	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	381662	33.049	ng	98
92) Benzo(g,h,i)perylene	17.36	276	379695	31.619	ng	98

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

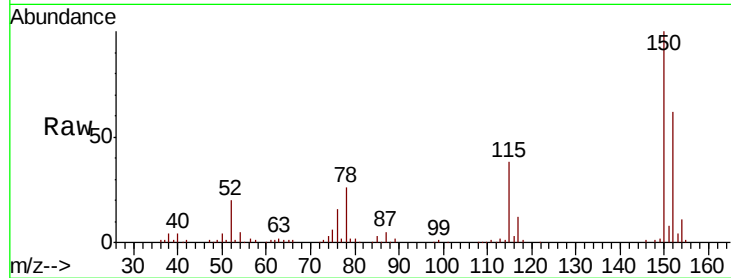


#1

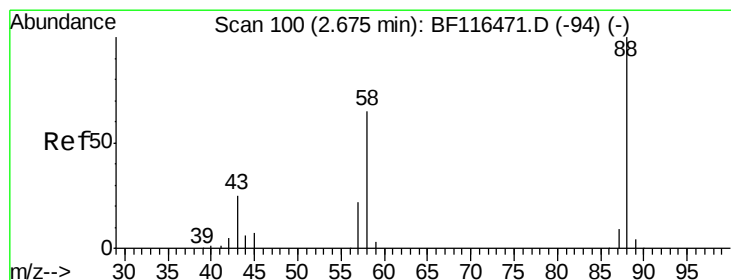
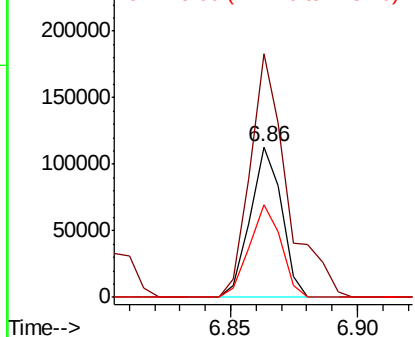
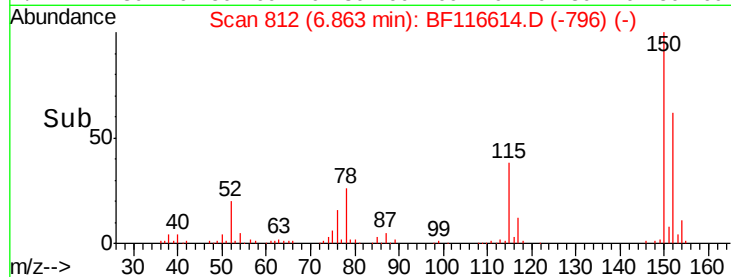
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 98218
Ion Ratio Lower Upper
152 100
150 162.0 123.4 185.2
115 61.7 48.2 72.2



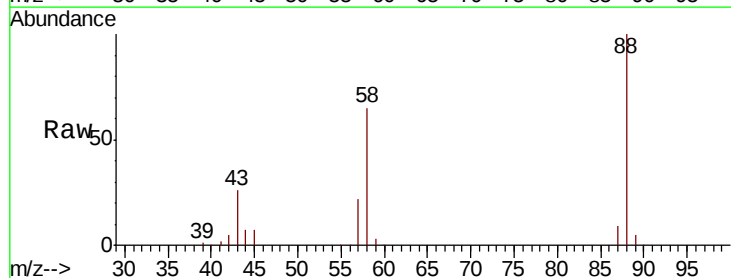
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



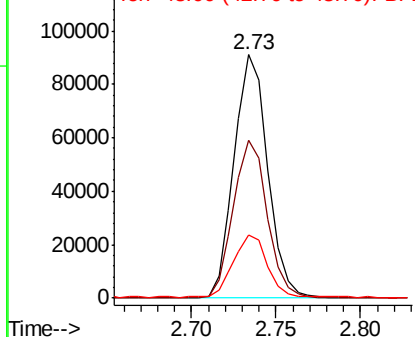
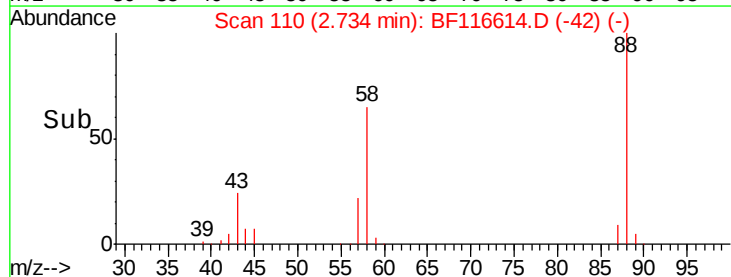
#2

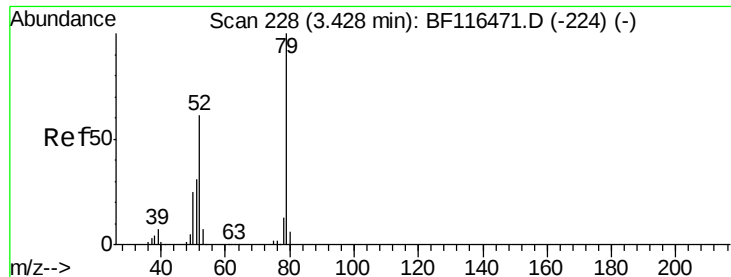
1,4-Dioxane
Concen: 47.726 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.10 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion: 88 Resp: 126248
Ion Ratio Lower Upper
88 100
58 65.6 51.8 77.8
43 25.4 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

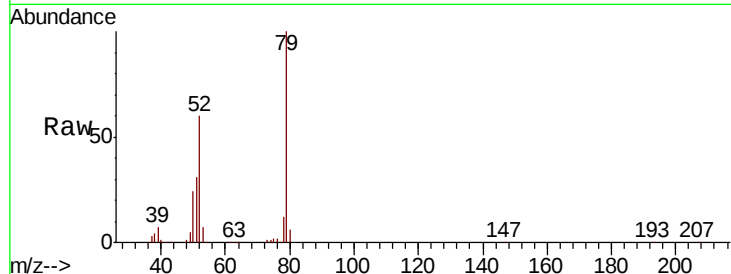




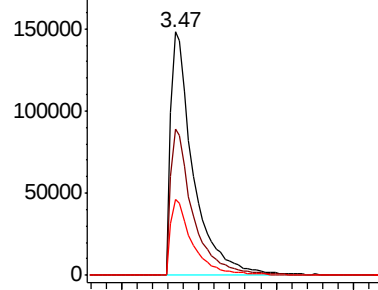
#3
 Pvridine
 Concen: 40.823 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.08 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :

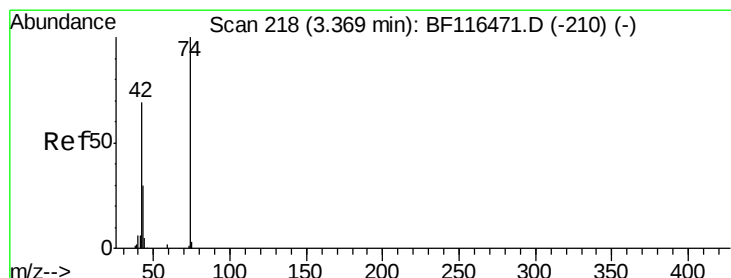
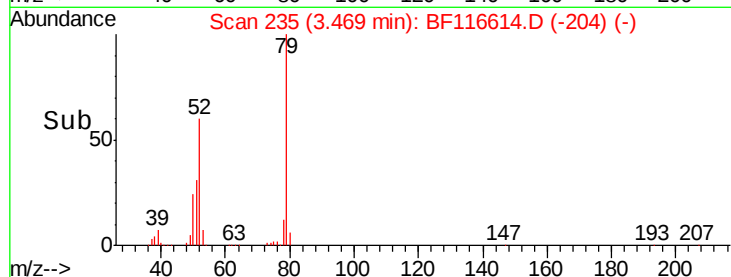
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.0	47.9	71.9
51	31.0	24.4	36.6



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

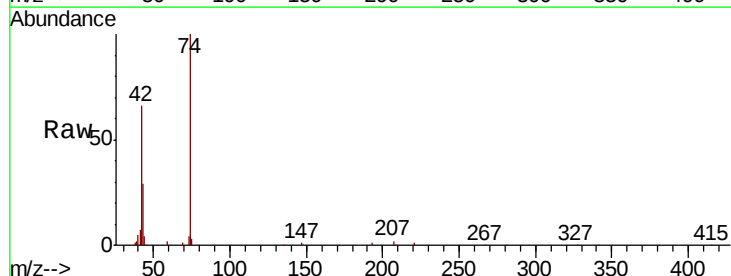


Time-->

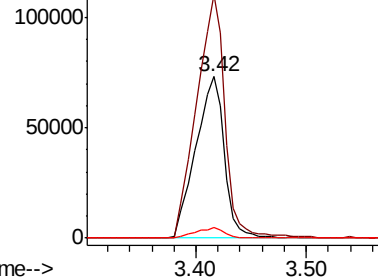


#4
 n-Nitrosodimethylamine
 Concen: 47.263 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.09 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

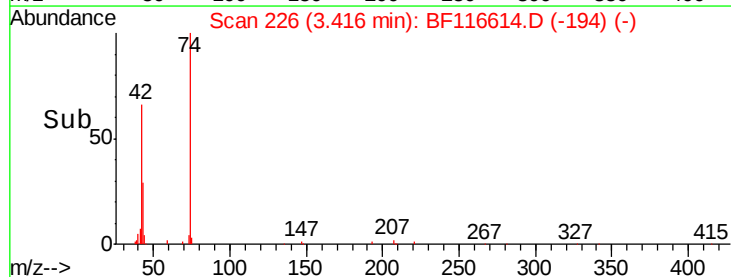
Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.9	120.0	180.0
44	6.2	5.4	8.2

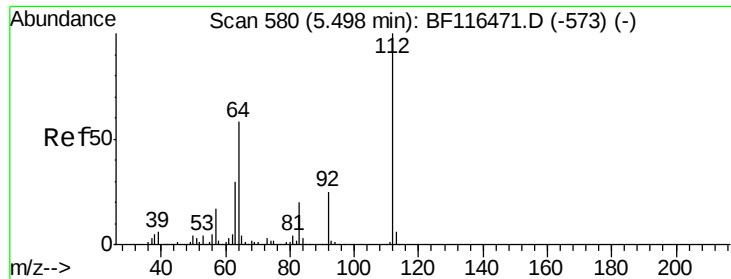


Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



Time-->





#5

2-Fluorophenol

Concen: 121.001 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

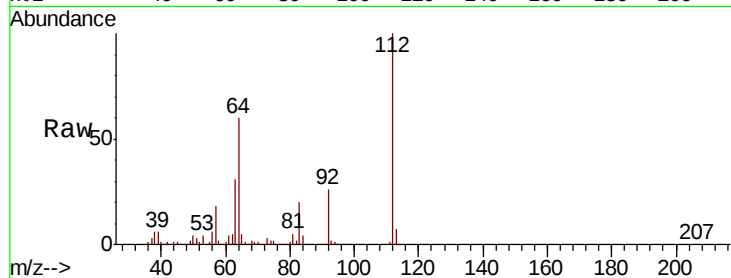
Tot Ion:112 Resp: 688070

Ion Ratio Lower Upper

112 100

64 60.4 48.0 72.0

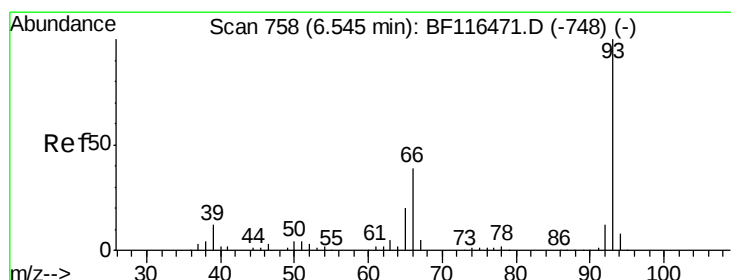
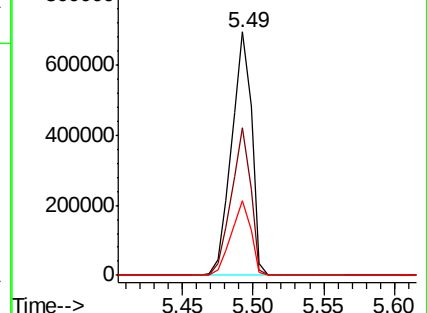
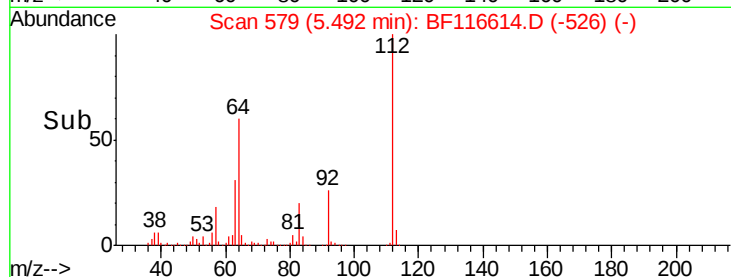
63 30.6 24.6 36.8



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: 36.004 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

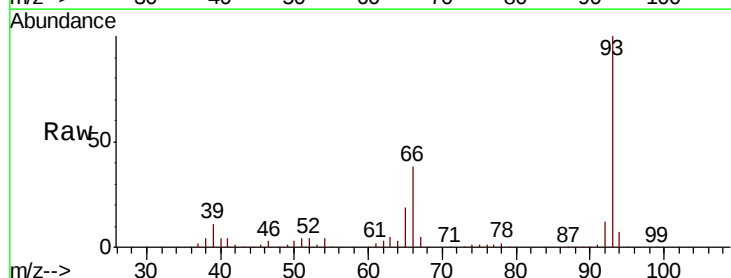
Tgt Ion: 93 Resp: 373913

Ion Ratio Lower Upper

93 100

66 38.1 32.1 48.1

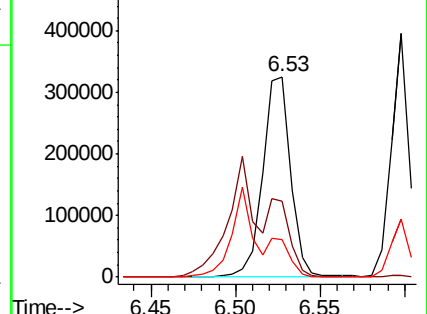
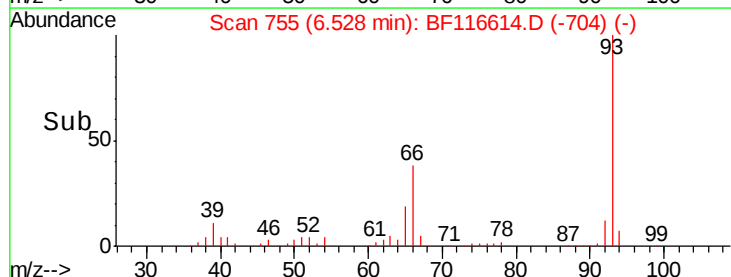
65 18.9 16.2 24.4

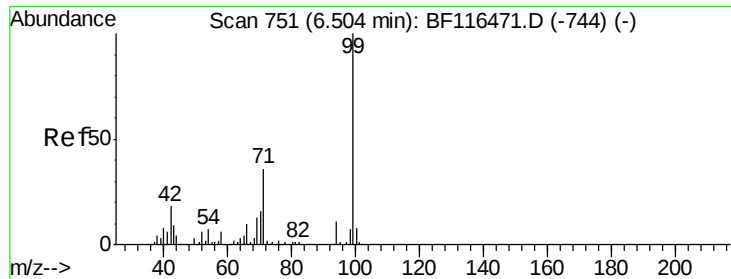


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.699 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

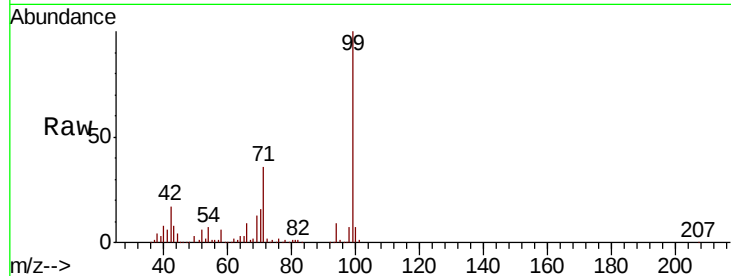
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 884261

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.2	19.8
71	35.6	27.4	41.2

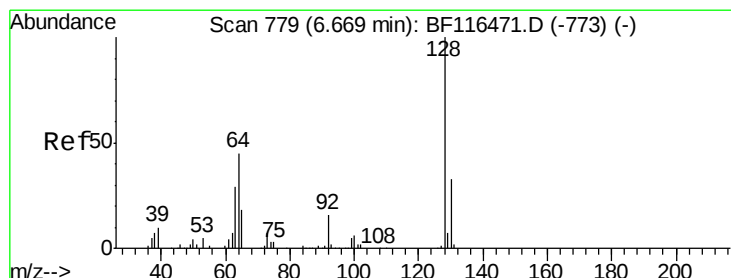
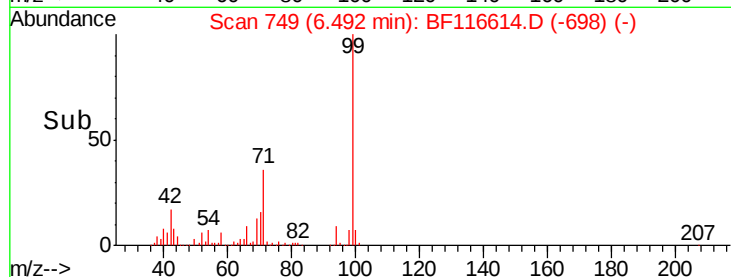
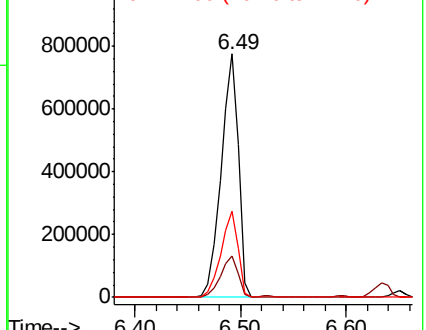


Abundance

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: 47.435 ng

RT: 6.65 min Scan# 776

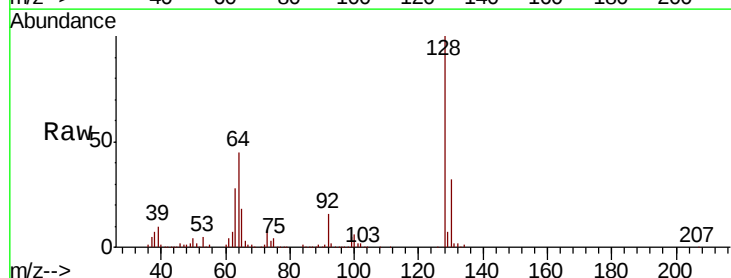
Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Tgt Ion: 128 Resp: 303969

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.8	51.8
64	45.3	26.9	66.9

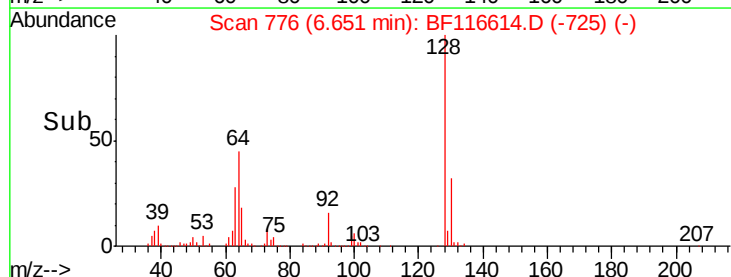
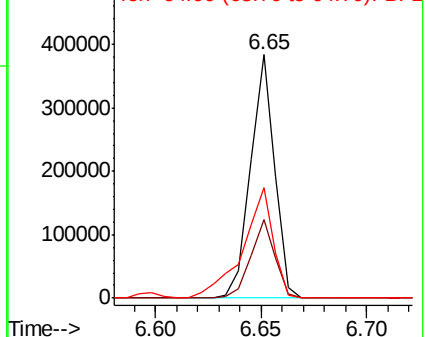


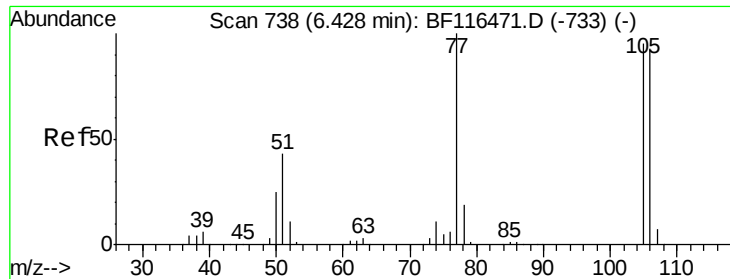
Abundance

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: 53.093 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

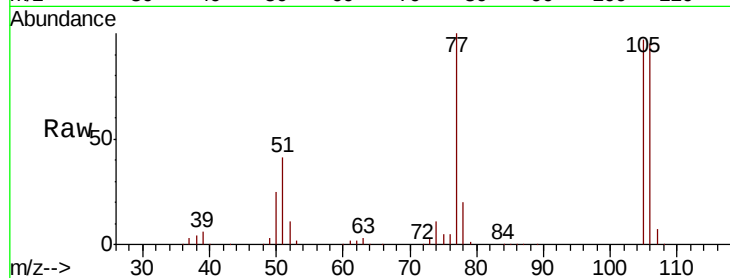
Tot Ion: 77 Resp: 225428

Ion Ratio Lower Upper

77 100

105 96.6 81.6 121.6

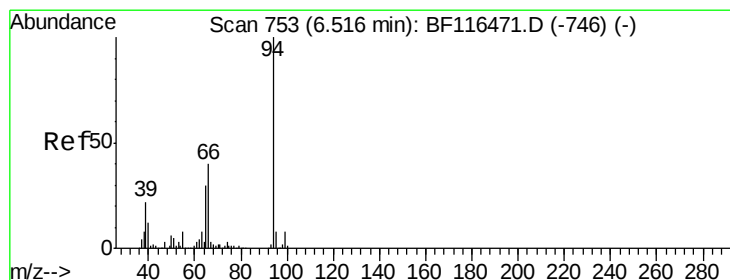
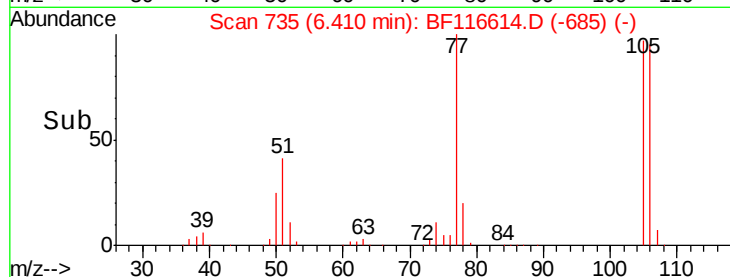
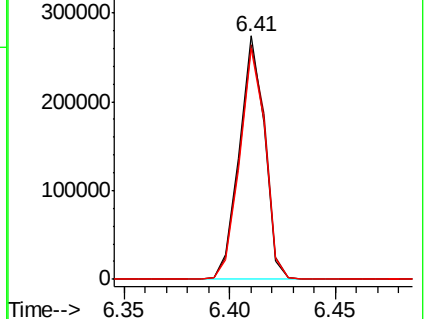
106 94.6 77.1 117.1



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: 47.569 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

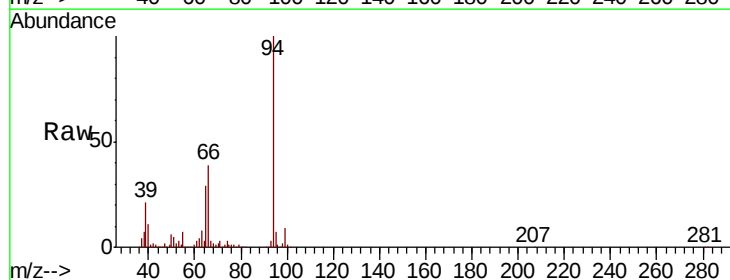
Tgt Ion: 94 Resp: 402267

Ion Ratio Lower Upper

94 100

65 28.7 8.6 48.6

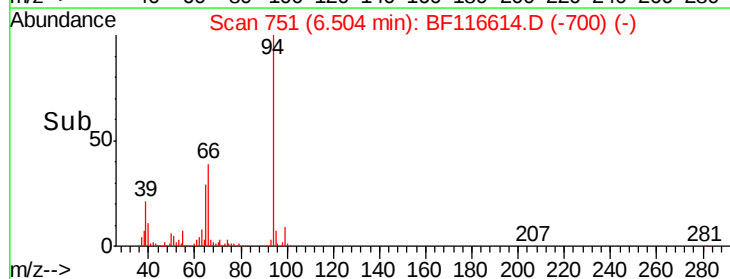
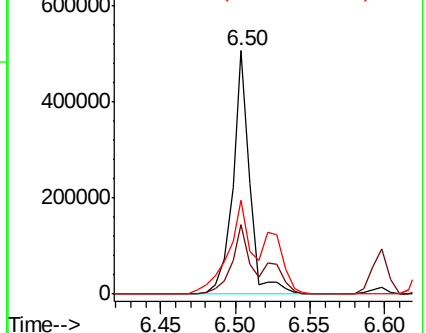
66 38.6 18.0 58.0

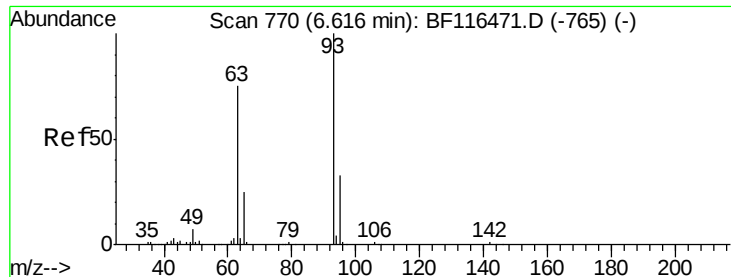


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

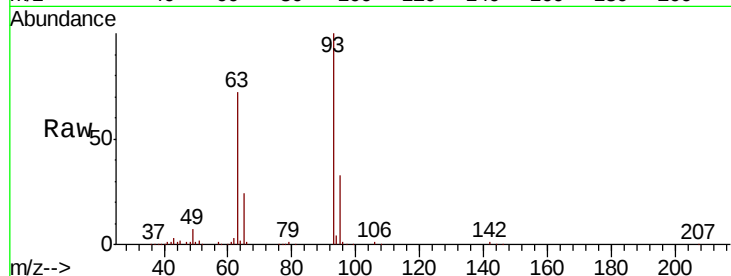




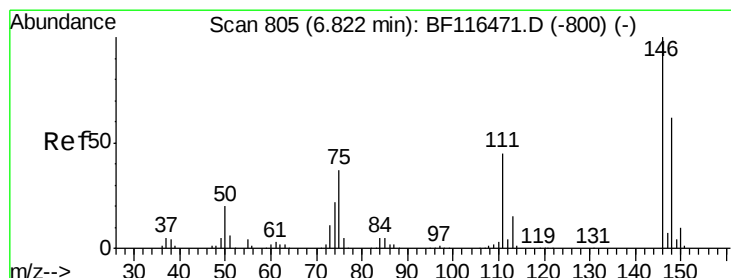
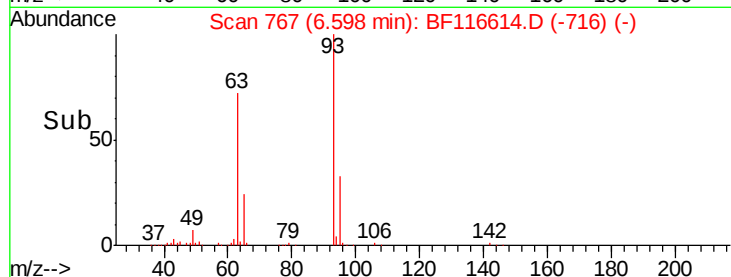
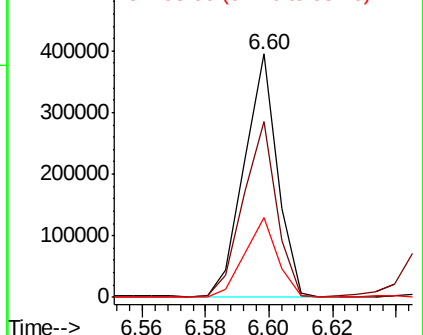
#11
 bis(2-Chloroethyl)ether
 Concen: 45.591 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 286532
 Ion Ratio Lower Upper
 93 100
 63 72.4 54.7 94.7
 95 32.8 12.7 52.7

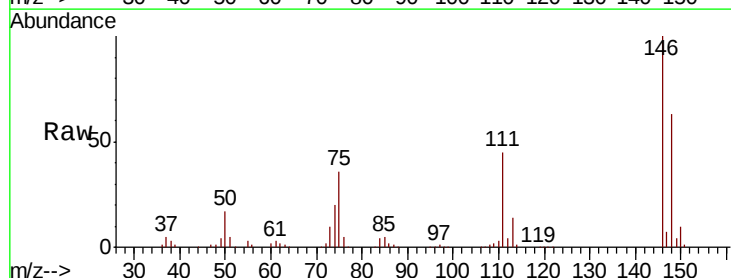


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

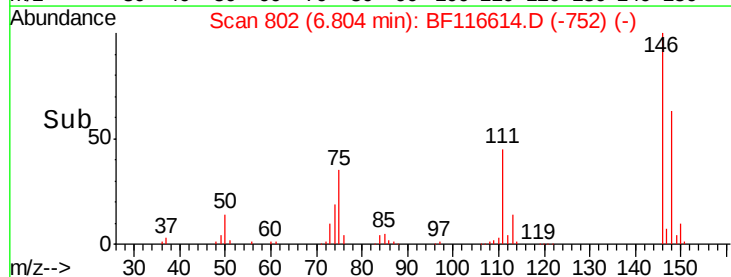
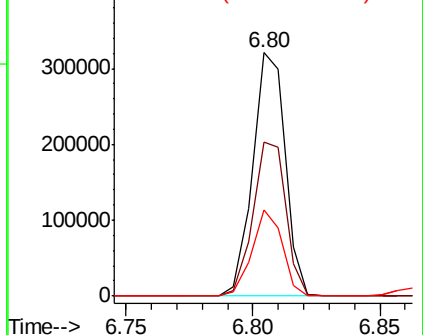


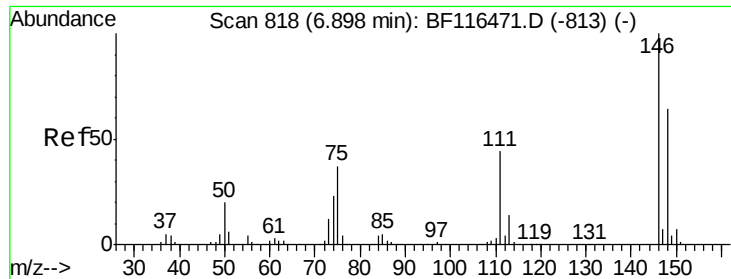
#12
 1,3-Dichlorobenzene
 Concen: 37.870 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Tgt Ion: 146 Resp: 287474
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 75 35.6 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

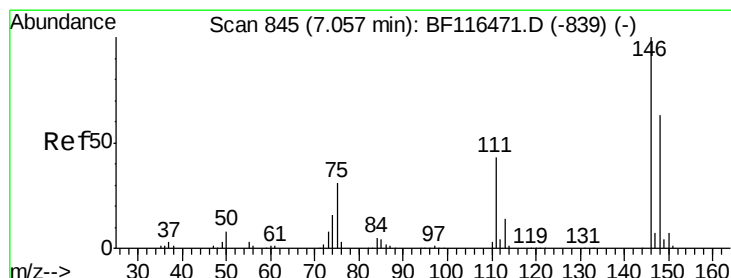
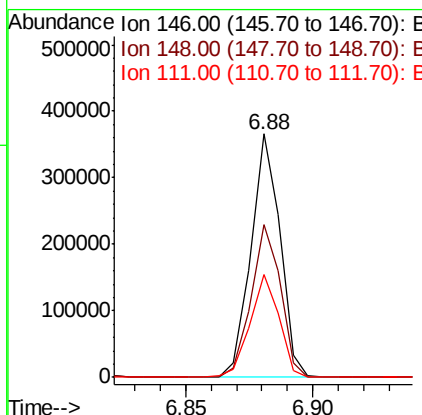
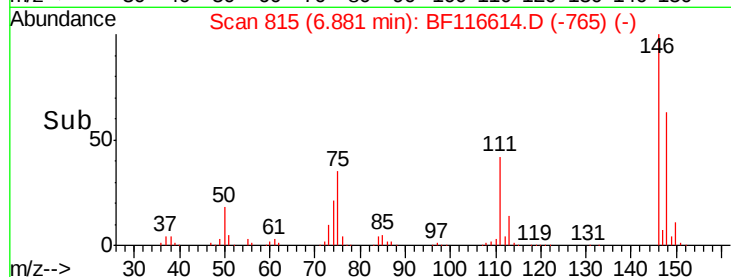
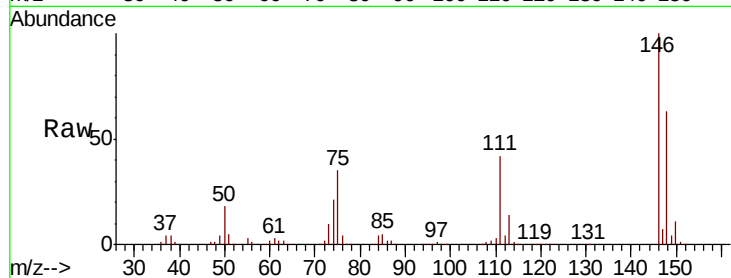




#13
 1,4-Dichlorobenzene
 Concen: 38.640 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

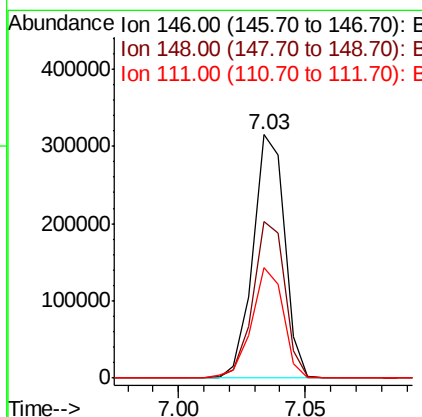
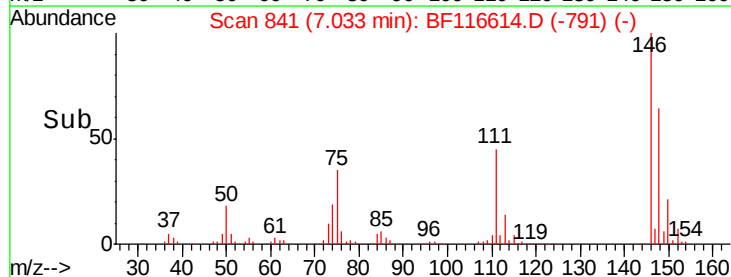
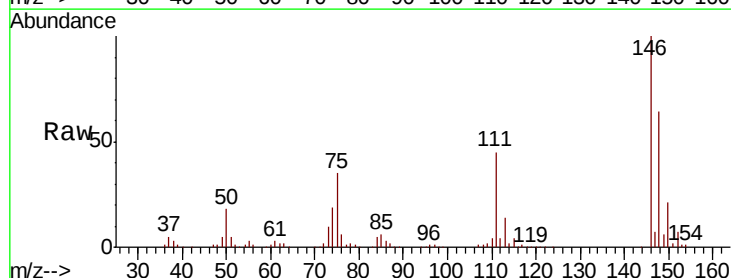
Instrument :
 BNA_F
 ClientSampled :

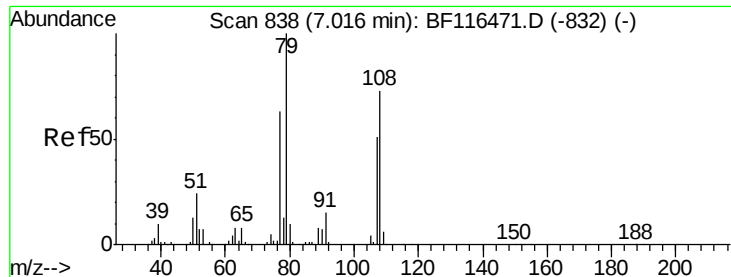
Tot Ion:146 Resp: 293078
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.6
 111 42.1 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 38.425 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Tgt Ion:146 Resp: 275432
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 45.2 34.9 52.3





#15

Benzyl Alcohol

Concen: 41.428 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampled :

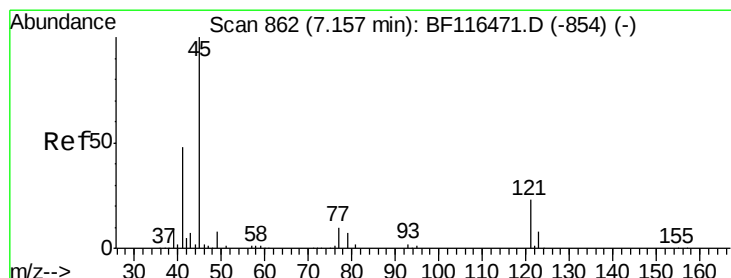
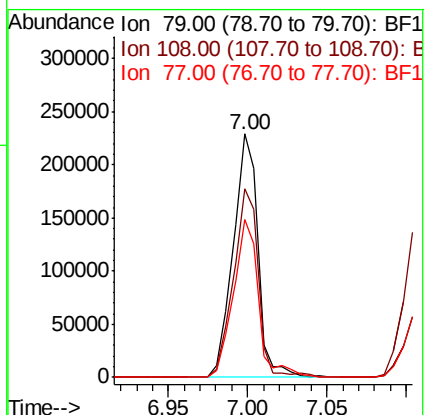
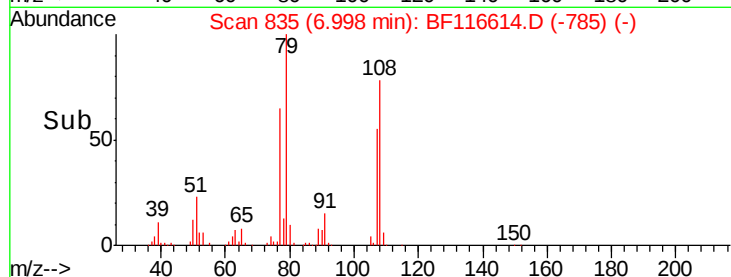
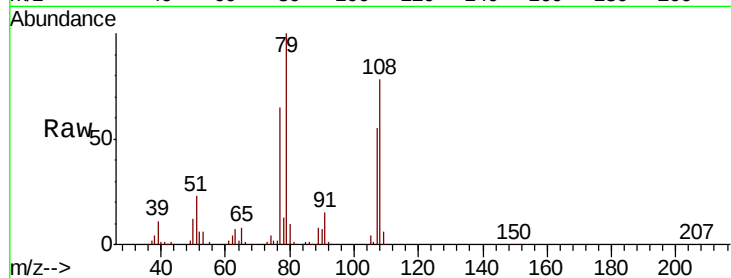
Tot Ion: 79 Resp: 248461

Ion Ratio Lower Upper

79 100

108 77.6 62.2 93.4

77 64.7 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.850 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

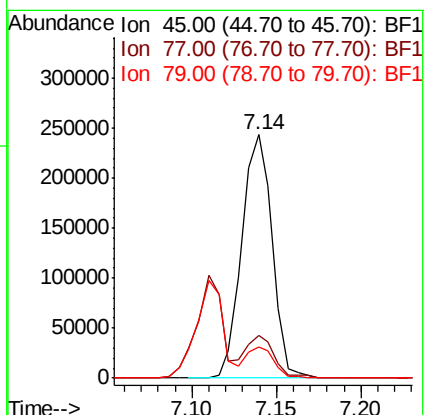
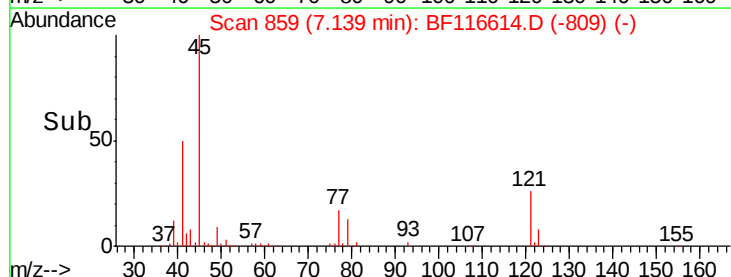
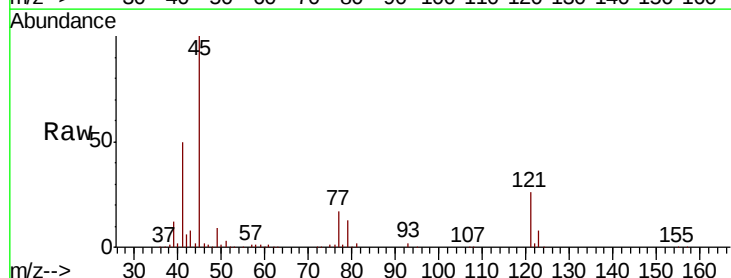
Tgt Ion: 45 Resp: 305592

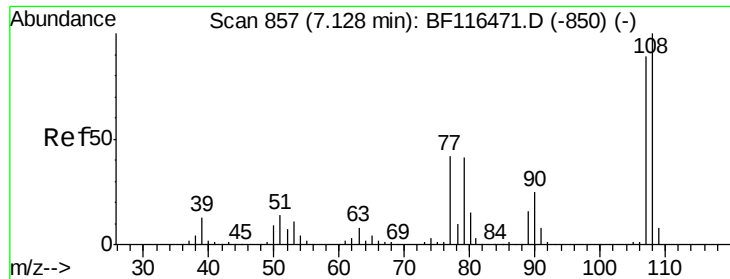
Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.4

79 12.9 0.0 32.9

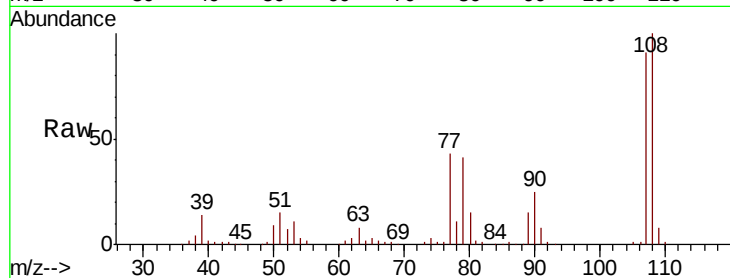




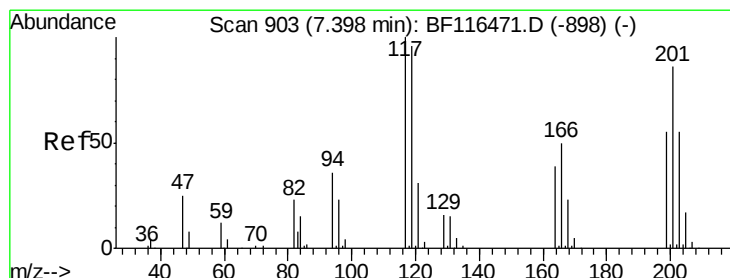
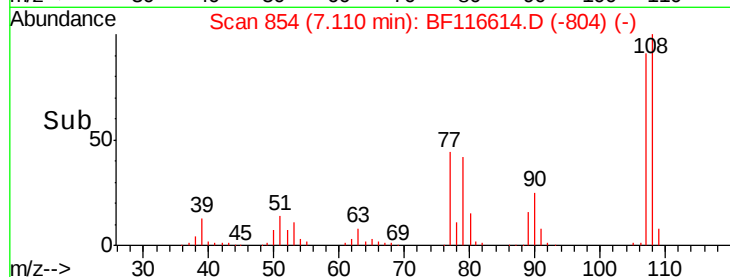
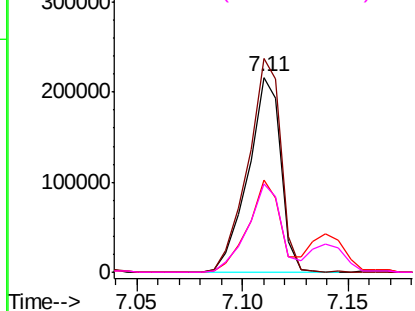
#17
2-Methylphenol
Concen: 40.655 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	233280
Ion	Ratio	Lower	Upper
107	100		
108	109.5	90.9	136.3
77	47.6	36.8	55.2
79	45.4	36.2	54.4

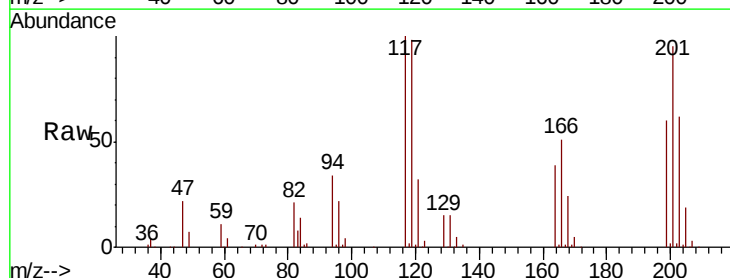


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

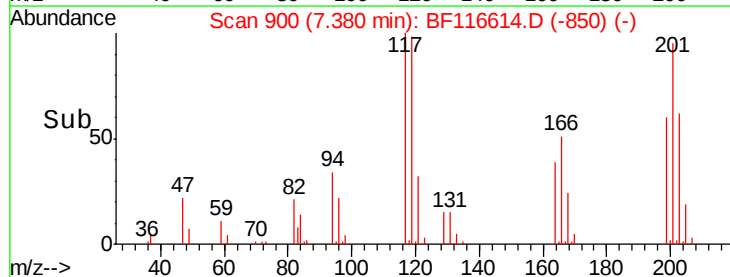
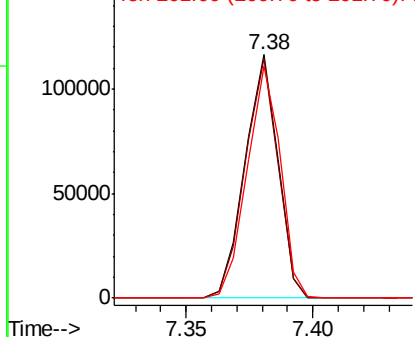


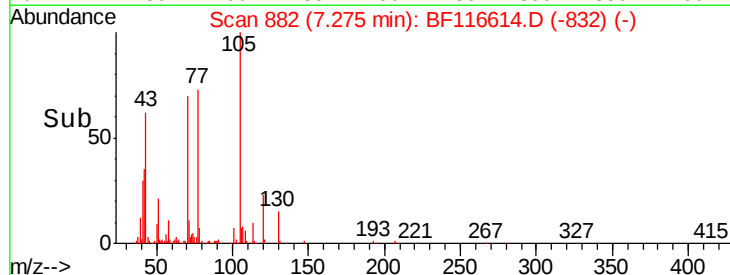
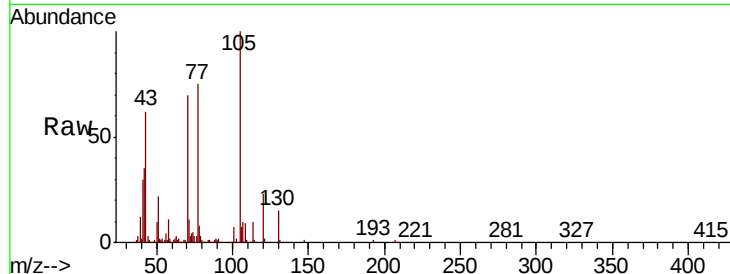
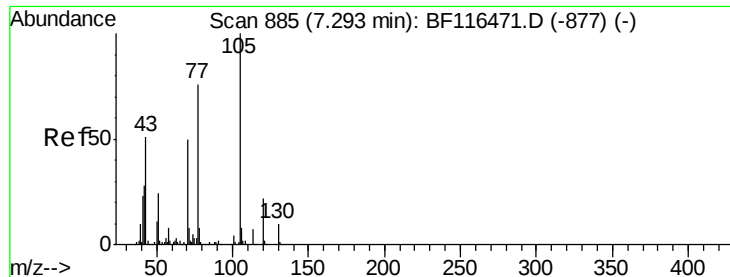
#18
Hexachloroethane
Concen: 37.766 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:	117	Resp:	105767
Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.6	118.0
201	95.2	86.2	129.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

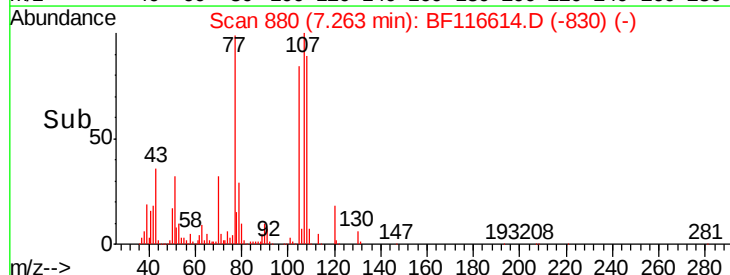
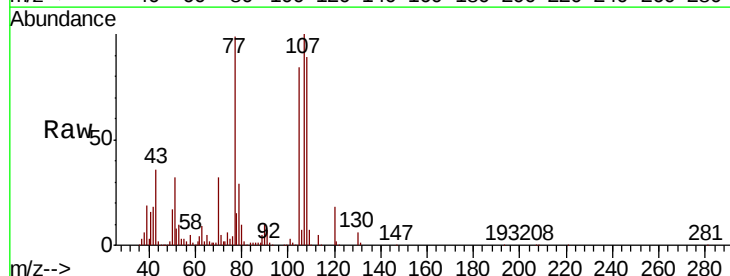
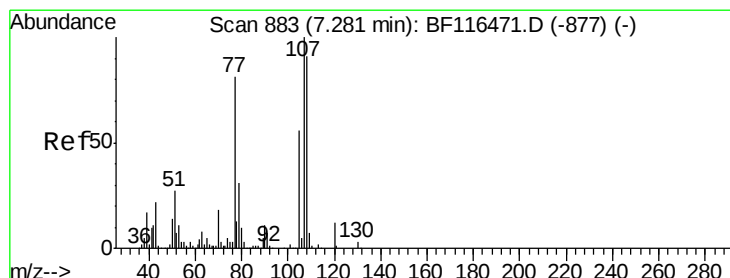
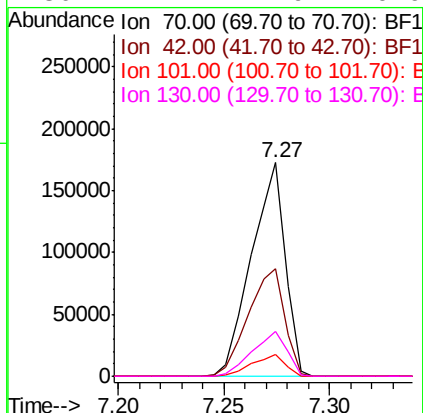




#19
n-Nitroso-di-n-propylamine
Concen: 39.231 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

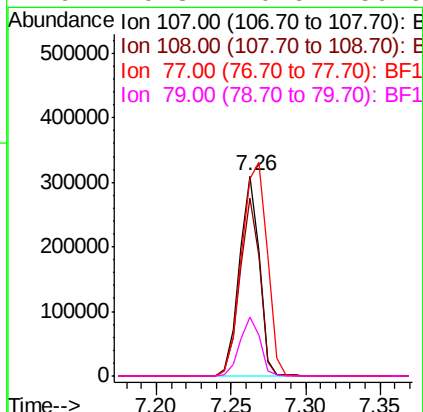
Instrument :
BNA_F
ClientSampleId :

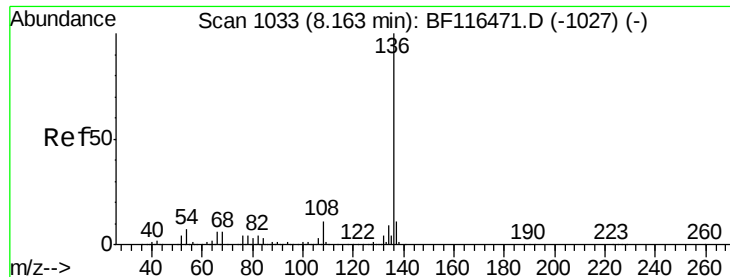
Tot Ion:	70	Resp:	192338
Ion	Ratio	Lower	Upper
70	100		
42	50.6	41.2	61.8
101	10.2	7.7	11.5
130	21.2	17.9	26.9



#20
3+4-Methylphenols
Concen: 41.562 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:	107	Resp:	289716
Ion	Ratio	Lower	Upper
107	100		
108	89.0	72.6	112.6
77	98.8	82.4	122.4
79	29.3	10.6	50.6

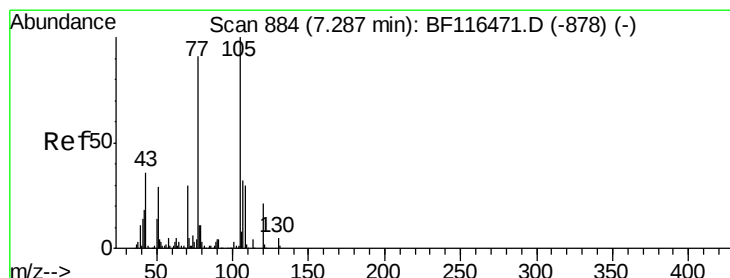
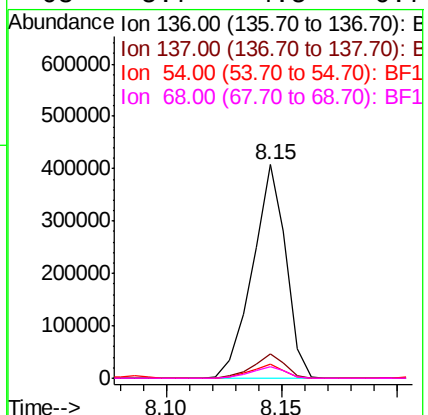
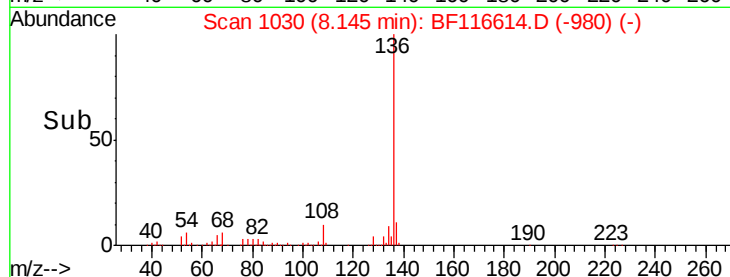
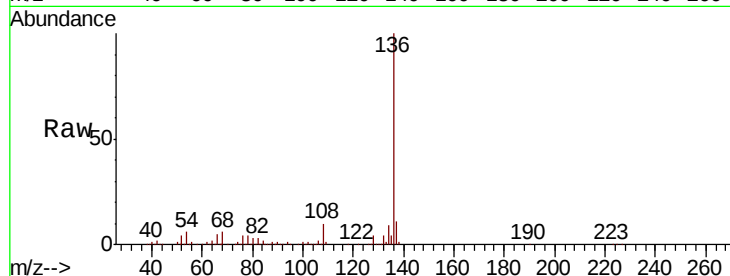




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

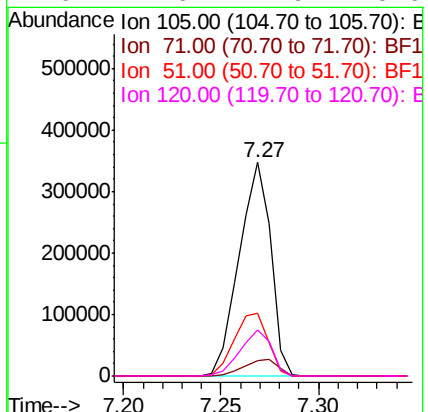
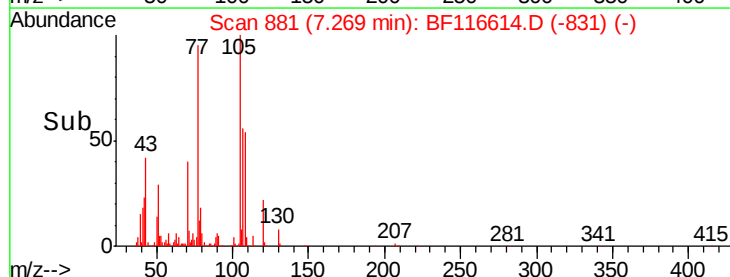
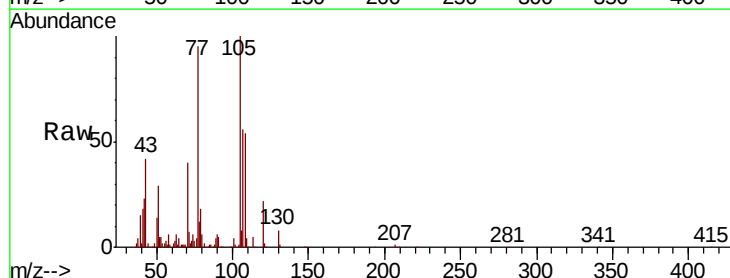
Instrument :
BNA_F
ClientSampleId :

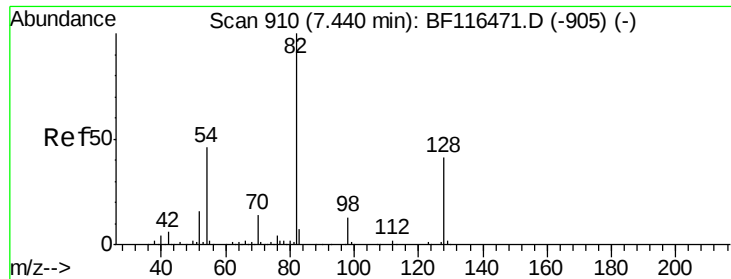
Tot Ion:136	Resp: 408389
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 6.5	5.0 7.4
68 5.7	4.5 6.7



#22
Acetophenone
Concen: 40.642 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion	Ion:105	Resp:	389830
Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.0	7.6
51	29.4	20.7	31.1
120	21.6	17.9	26.9

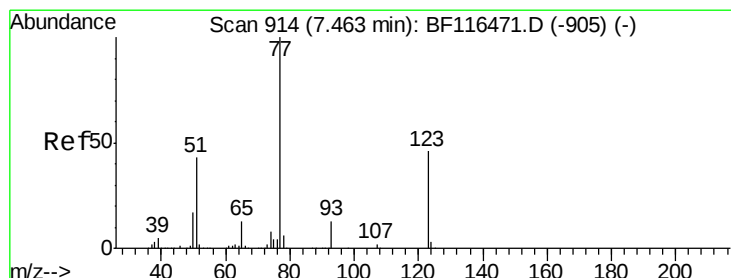
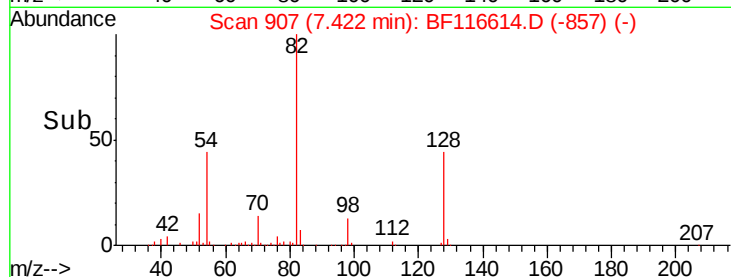
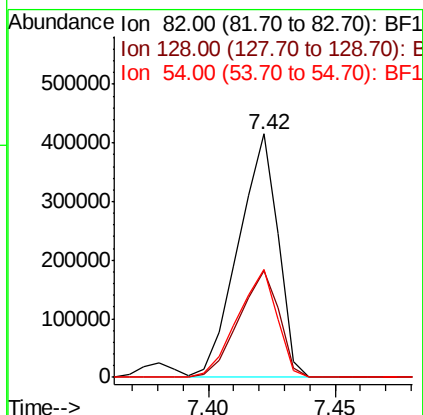
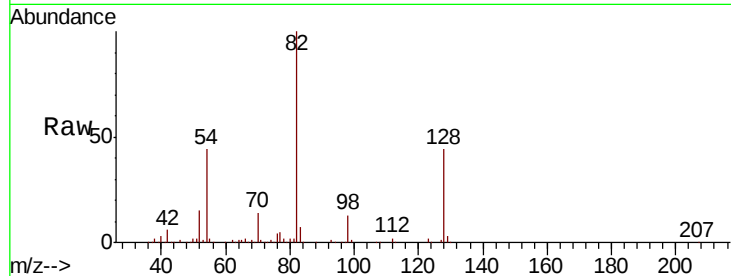




#23
Nitrobenzene-d5
Concen: 63.236 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

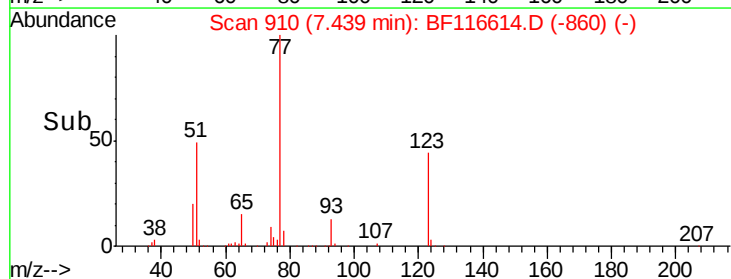
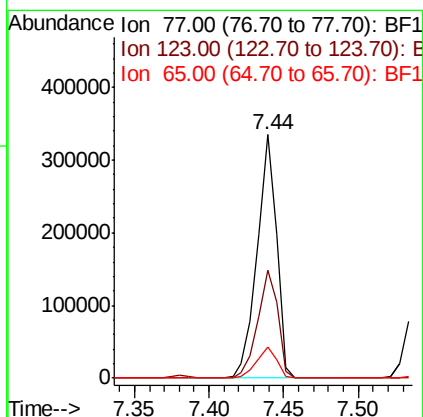
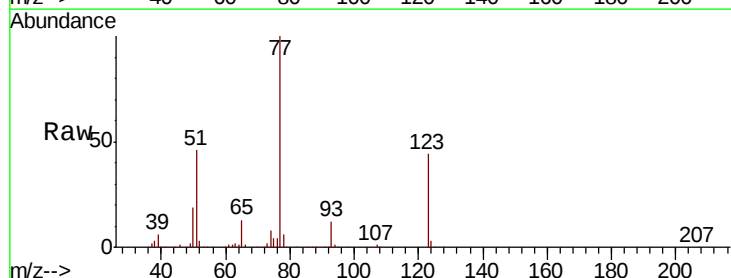
Instrument :
BNA_F
ClientSampled :

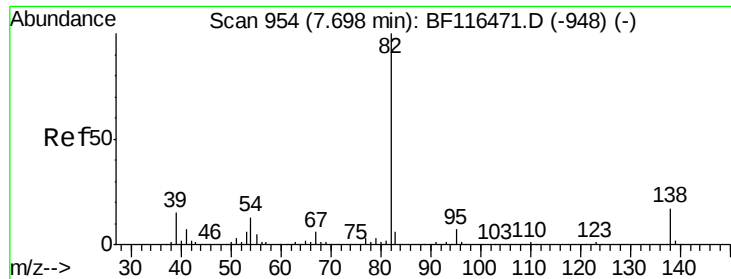
Tot Ion	82	Resp	451329
Ion Ratio	100	Lower	Upper
128	43.6	35.0	52.6
54	44.4	34.4	51.6



#24
Nitrobenzene
Concen: 41.514 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion	77	Resp	300445
Ion Ratio	100	Lower	Upper
123	44.4	38.2	57.4
65	13.0	11.0	16.6





#25

Isophorone

Concen: 40.943 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

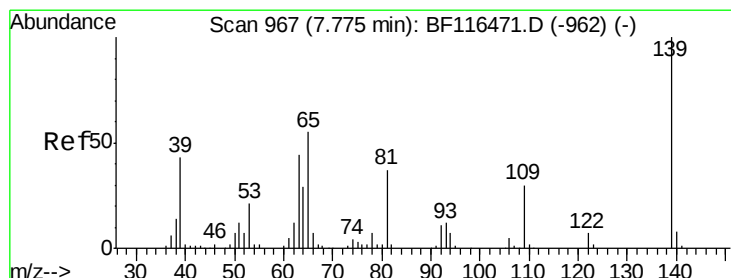
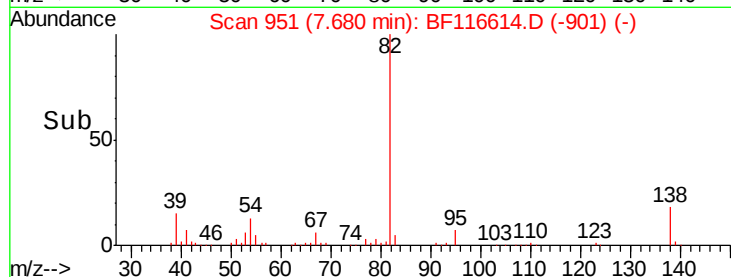
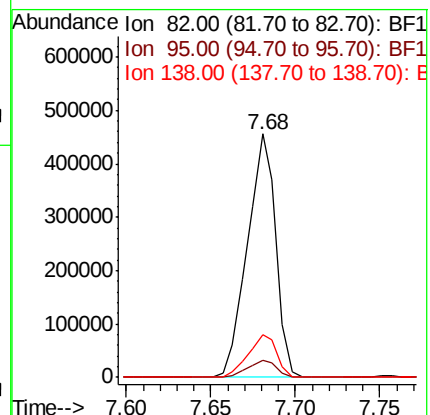
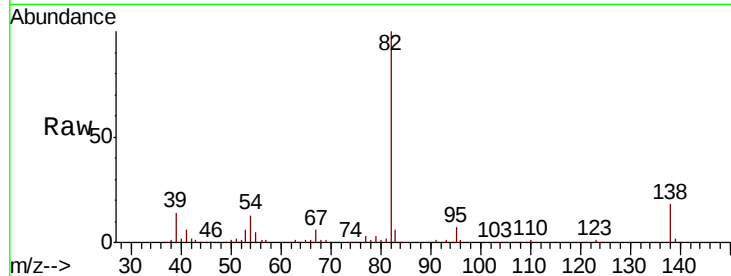
Tot Ion: 82 Resp: 531964

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 17.6 14.4 21.6



#26

2-Nitrophenol

Concen: 41.217 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

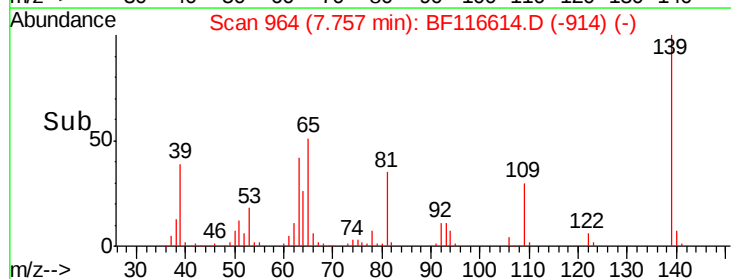
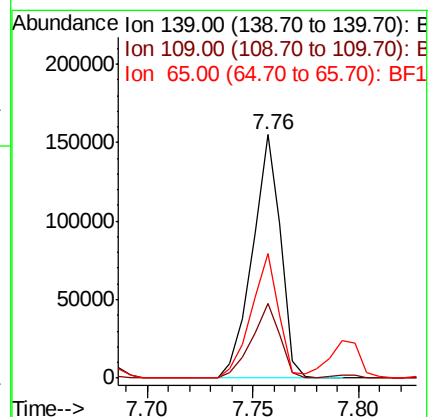
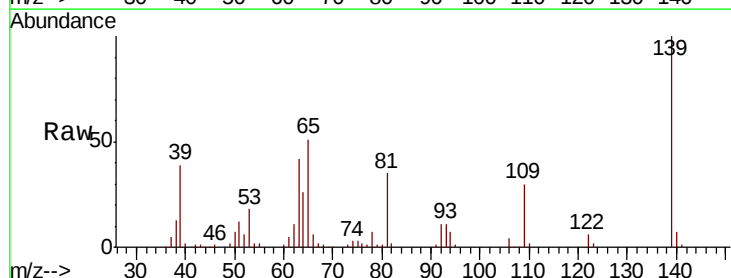
Tgt Ion: 139 Resp: 143360

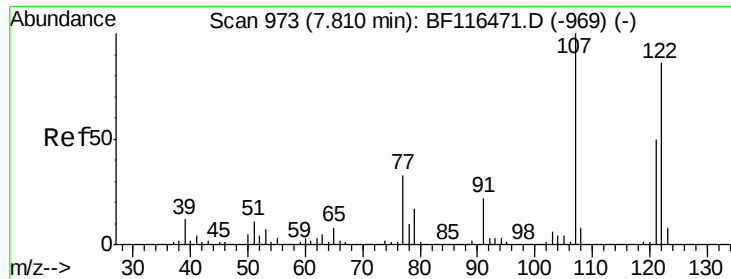
Ion Ratio Lower Upper

139 100

109 30.5 22.4 33.6

65 51.1 36.9 55.3

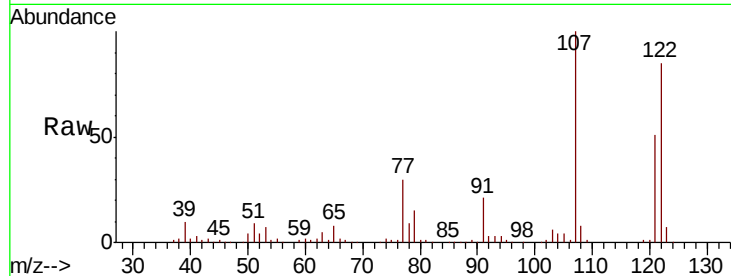




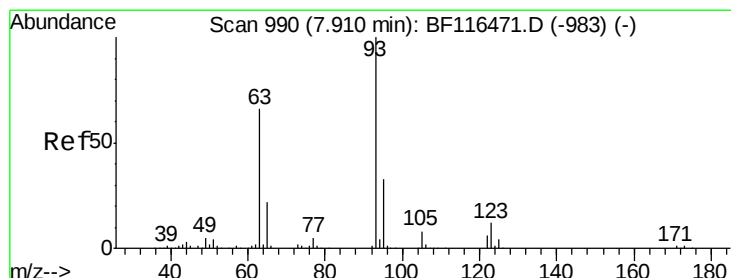
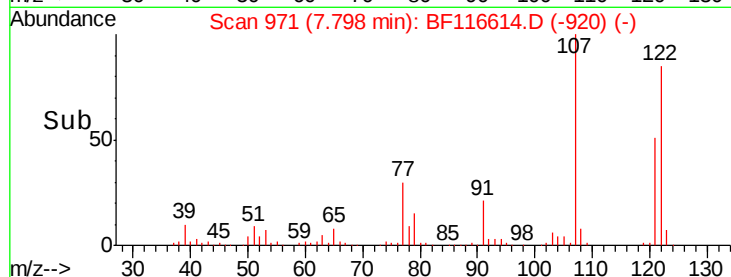
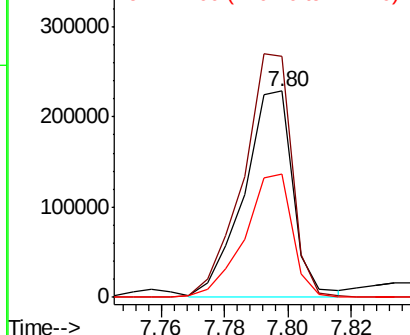
#27
 2,4-Dimethylphenol
 Concen: 45.547 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 248068
 Ion Ratio Lower Upper
 122 100
 107 117.2 95.4 143.0
 121 59.7 47.8 71.8

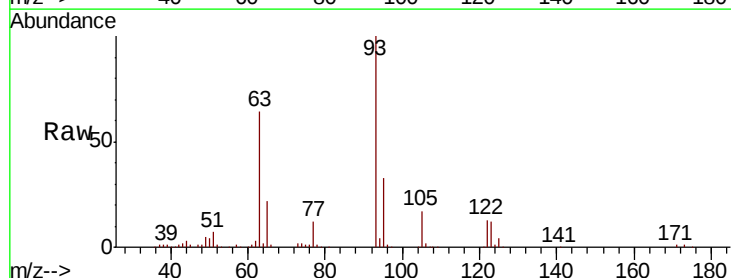


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

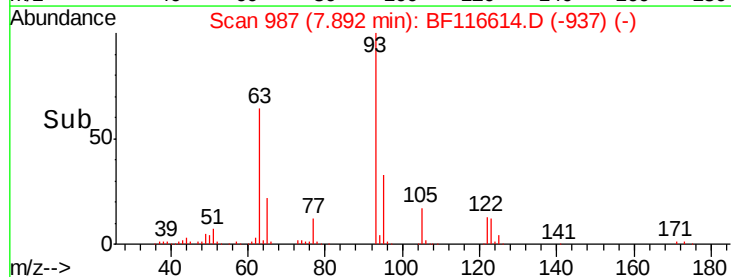
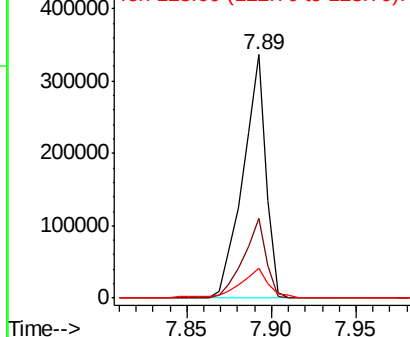


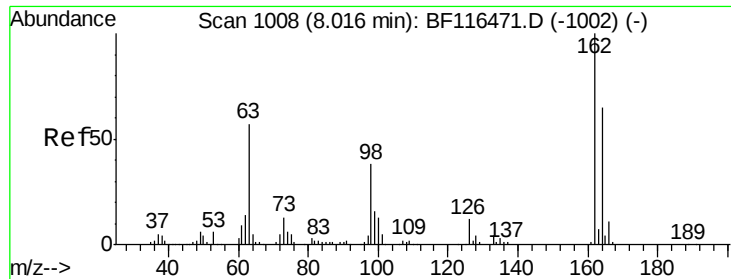
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.954 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Tgt Ion: 93 Resp: 320311
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.1 39.1
 123 12.2 10.4 15.6



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

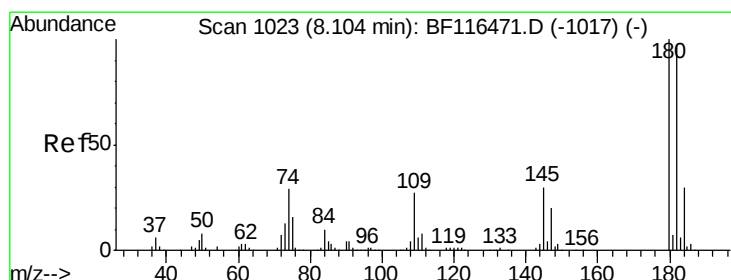
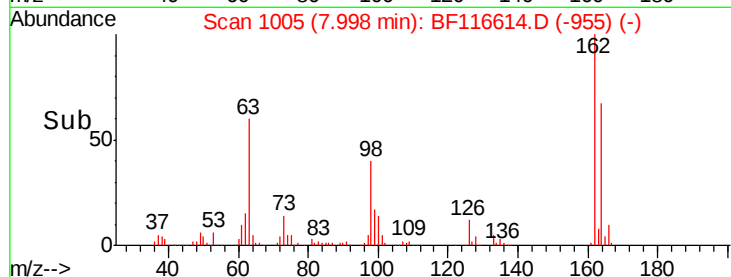
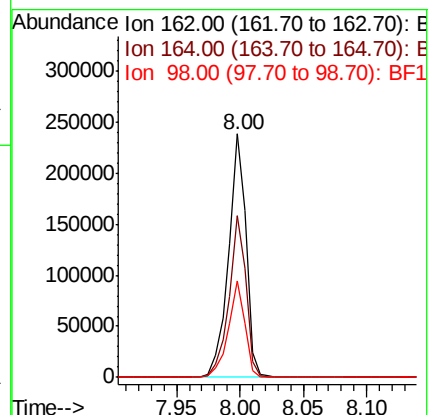
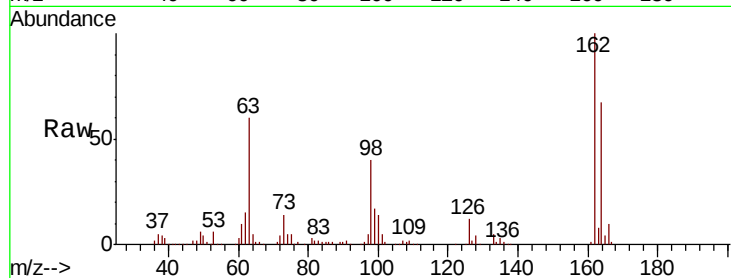




#29
2,4-Dichlorophenol
Concen: 40.143 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

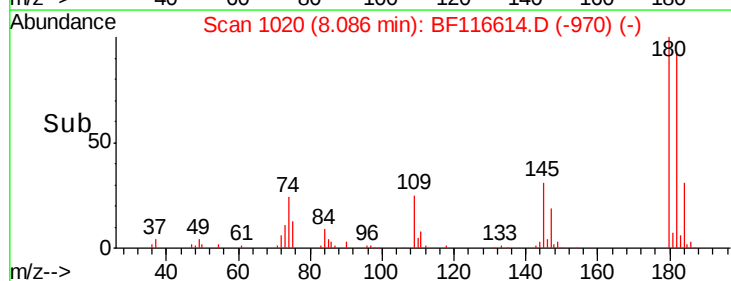
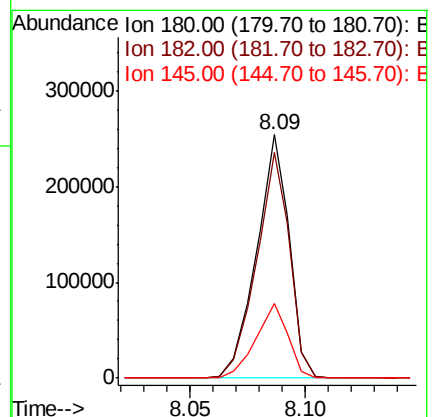
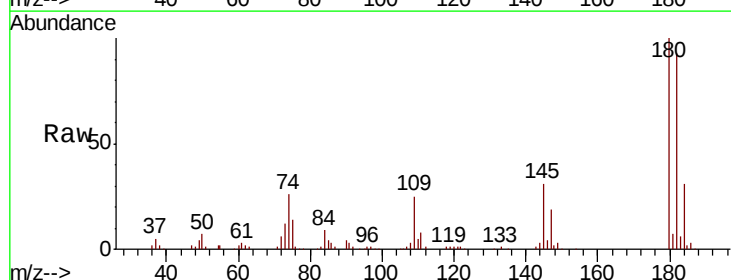
Instrument :
BNA_F
ClientSampleId :

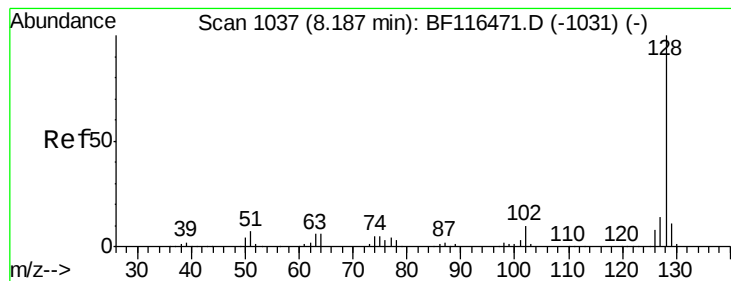
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	45.9	85.9
98	39.8	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 38.260 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.7	115.1
145	30.6	24.1	36.1





#31

Naphthalene

Concen: 40.964 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

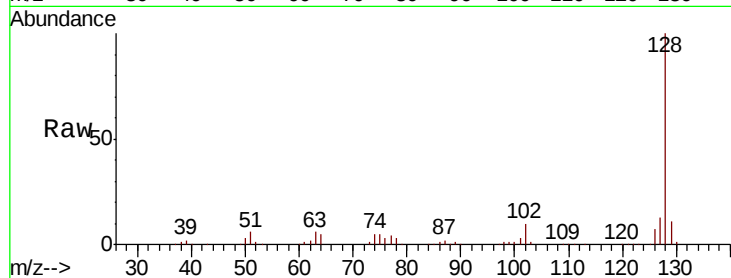
Tot Ion:128 Resp: 801357

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

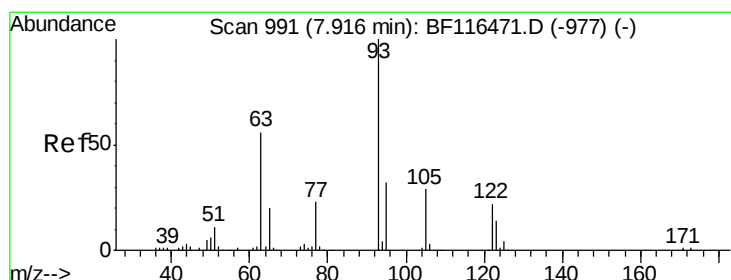
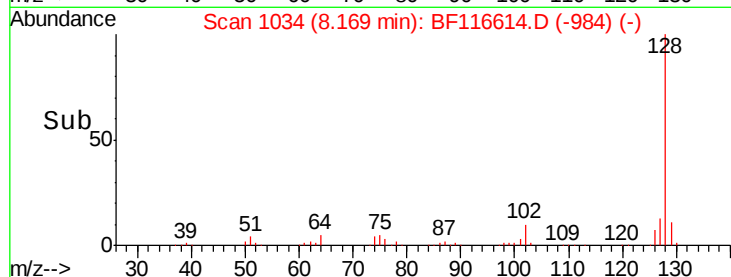
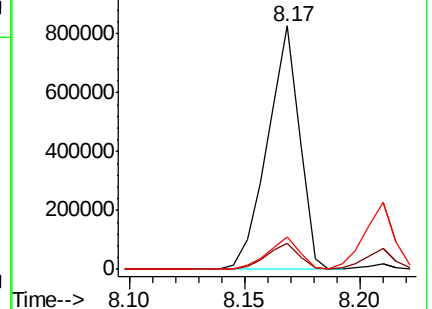
127 13.5 10.9 16.3



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: 37.139 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

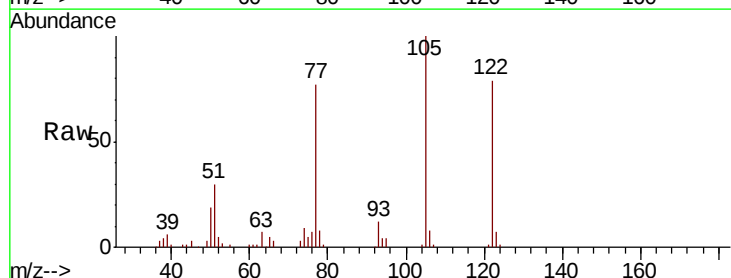
Tgt Ion:122 Resp: 172859

Ion Ratio Lower Upper

122 100

105 127.1 105.8 145.8

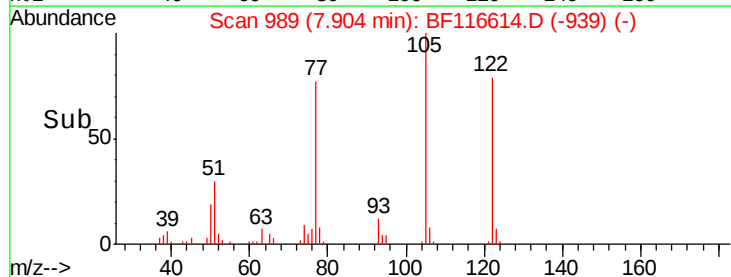
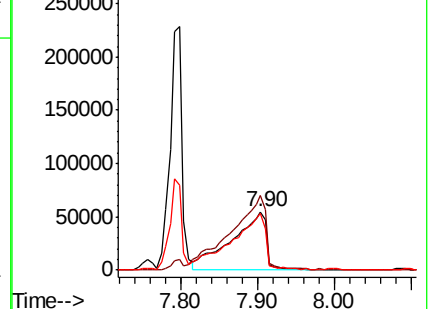
77 97.5 74.1 114.1

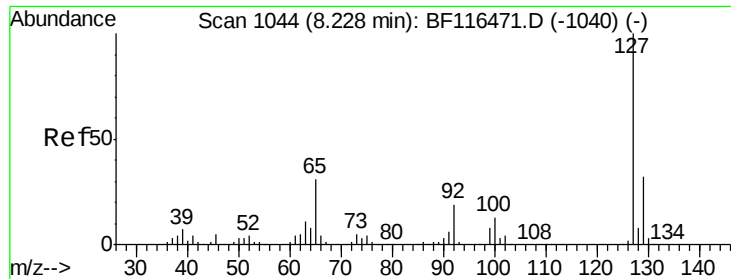


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

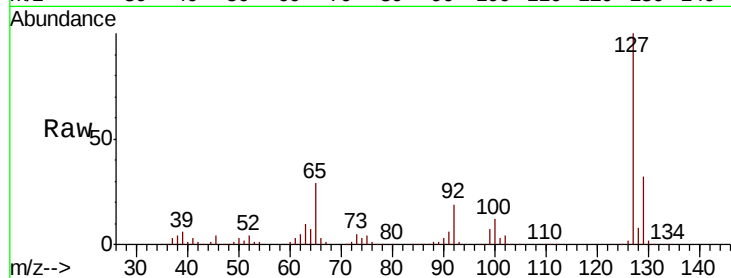




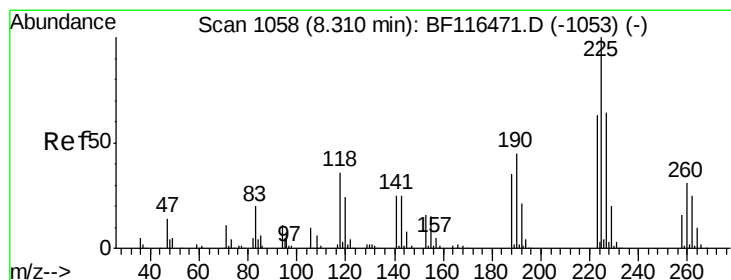
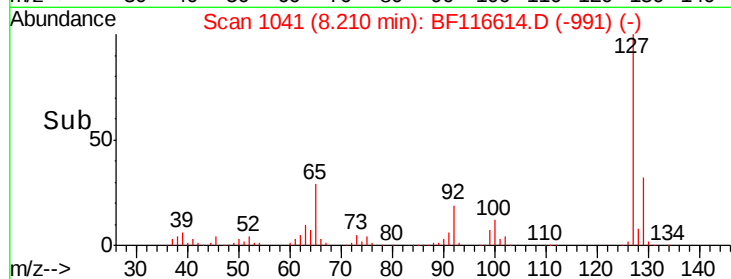
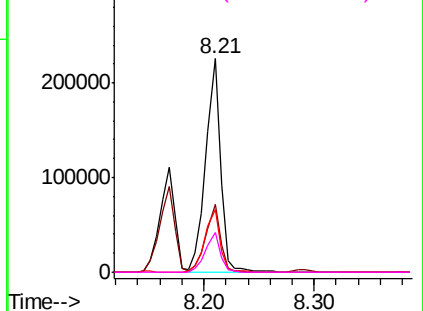
#33
4-Chloroaniline
Concen: 23.747 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	204742
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.2	22.6	33.8
92	18.5	15.0	22.6

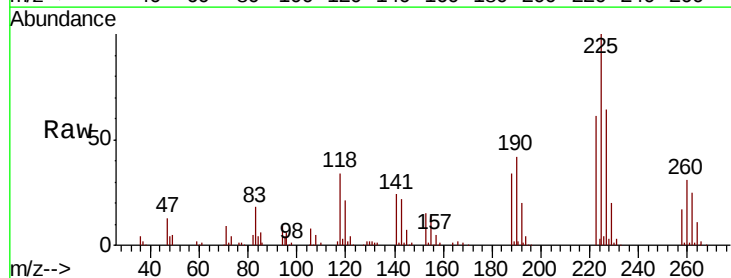


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

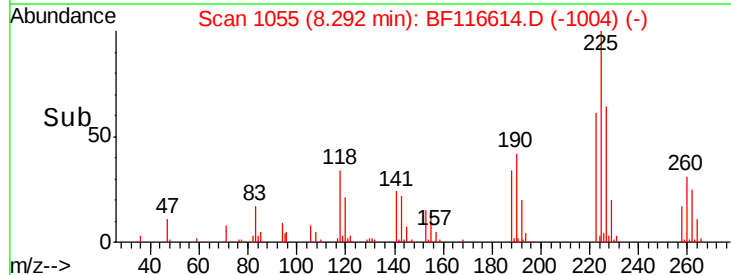
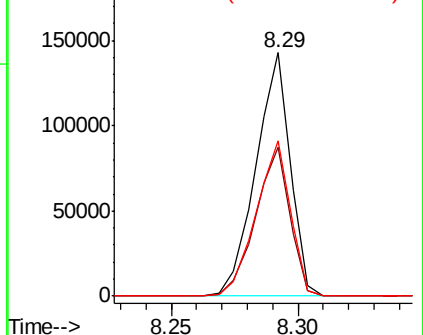


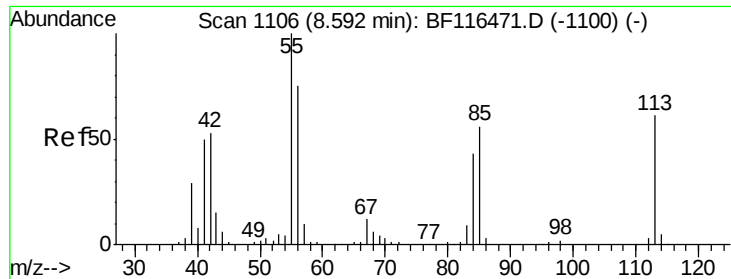
#34
Hexachlorobutadiene
Concen: 37.039 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:	225	Resp:	134946
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.7	76.1
227	63.5	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

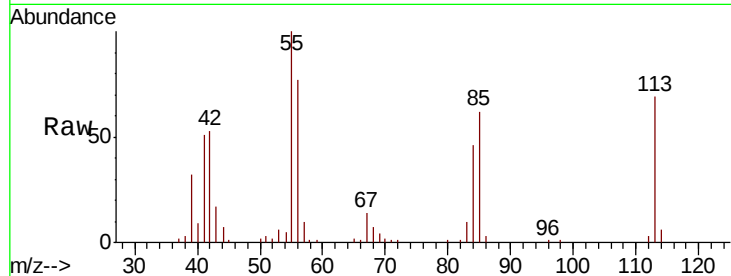




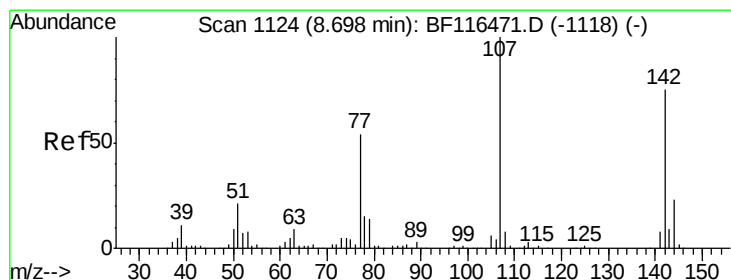
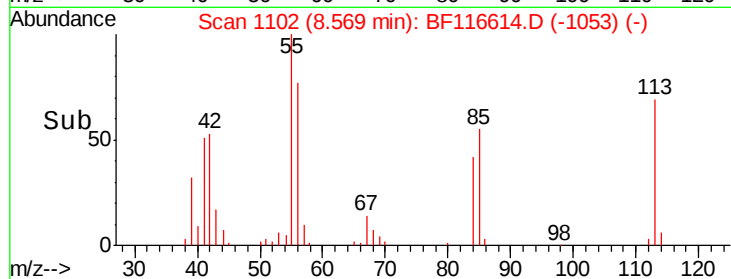
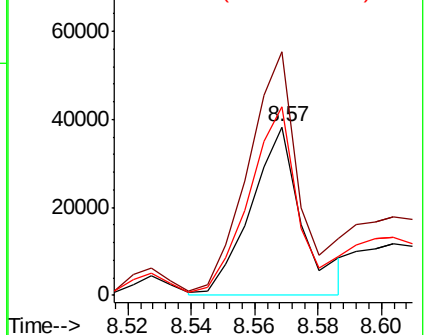
#35
Caprolactam
Concen: 25.272 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 42954
Ion Ratio Lower Upper
113 100
55 144.4 128.3 168.3
56 111.8 93.2 133.2

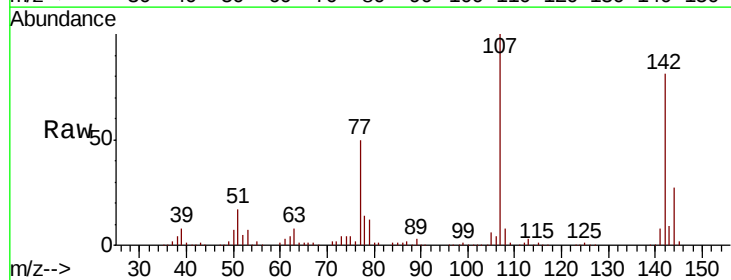


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

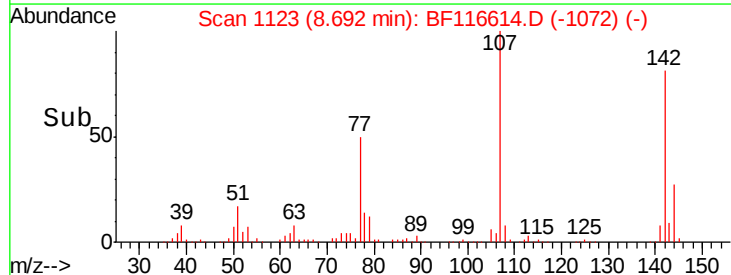
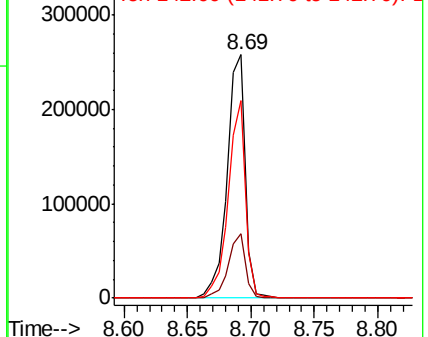


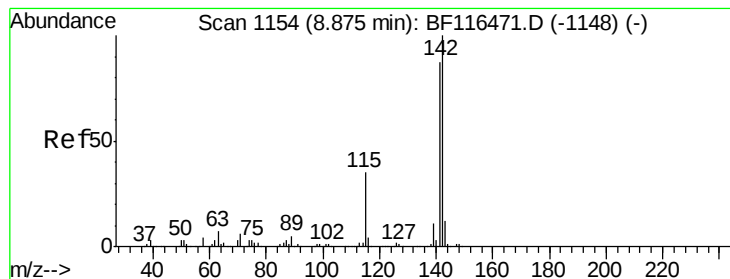
#36
4-Chloro-3-methylphenol
Concen: 44.377 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:107 Resp: 254456
Ion Ratio Lower Upper
107 100
144 26.5 20.6 30.8
142 80.9 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: 43.575 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

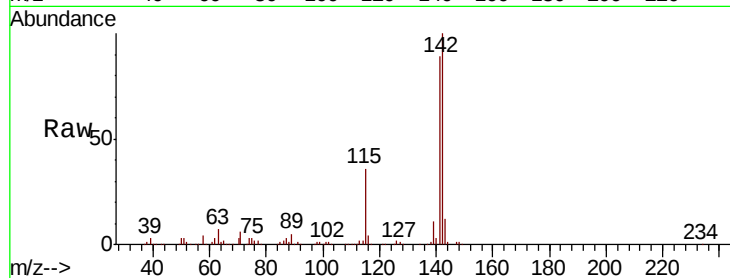
Tot Ion:142 Resp: 532364

Ion Ratio Lower Upper

142 100

141 88.6 69.5 104.3

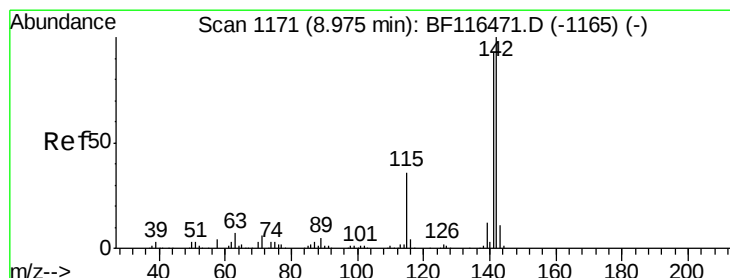
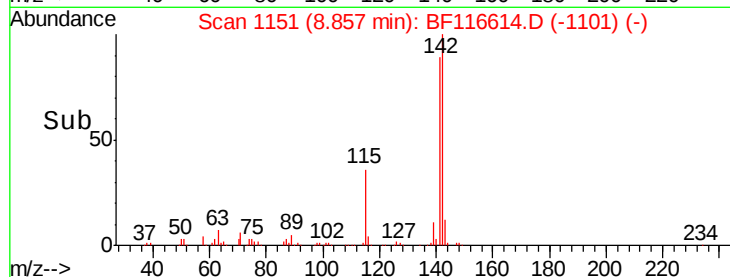
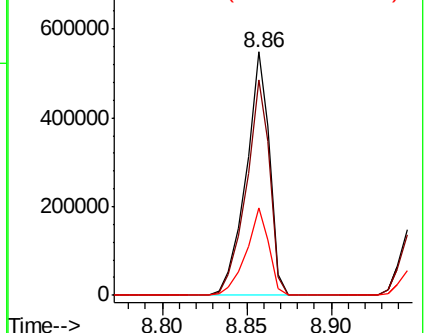
115 35.8 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.510 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

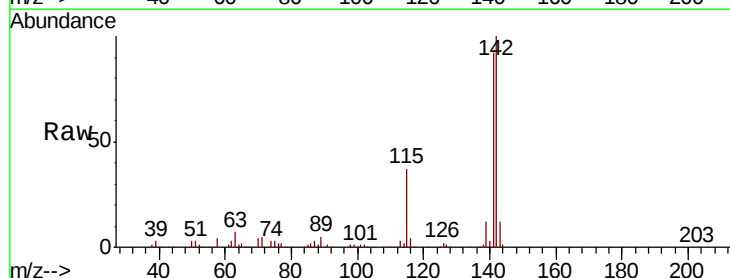
Tgt Ion:142 Resp: 495275

Ion Ratio Lower Upper

142 100

141 92.4 73.1 109.7

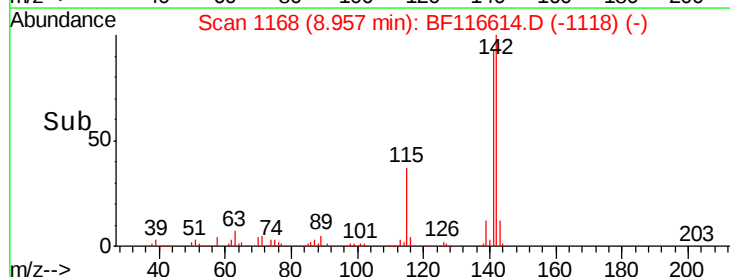
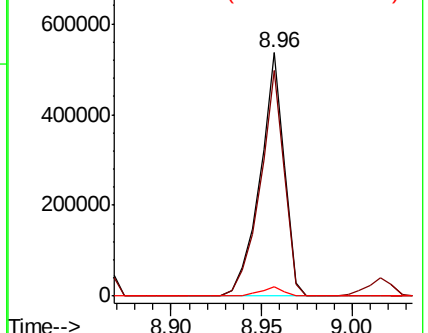
116 3.7 2.7 4.1

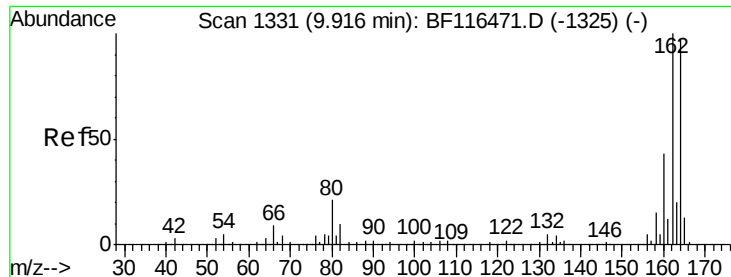


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

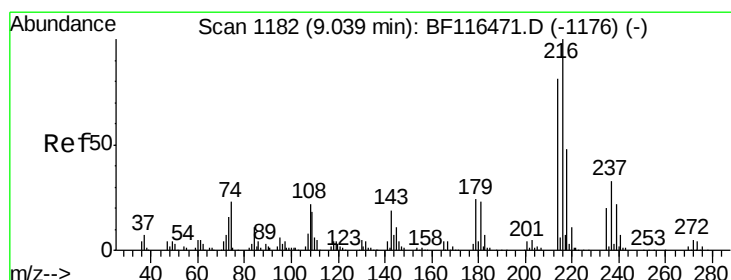
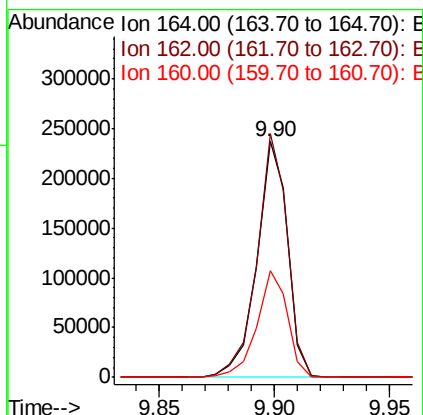
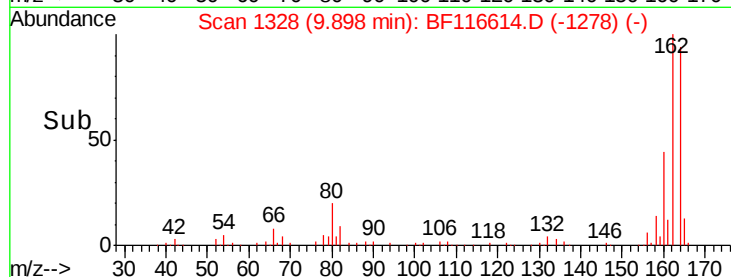
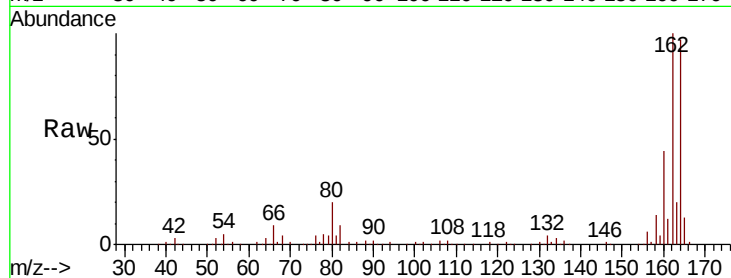
Tot Ion:164 Resp: 219208

Ion Ratio Lower Upper

164 100

162 103.3 83.4 125.0

160 45.4 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.915 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Tgt Ion:216 Resp: 228028

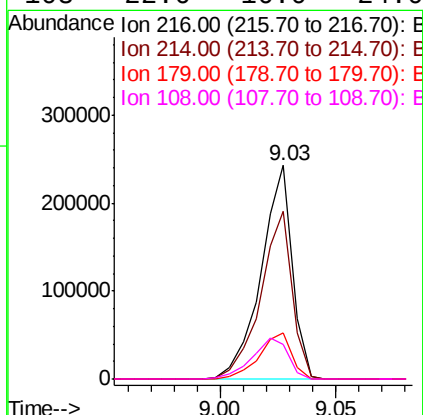
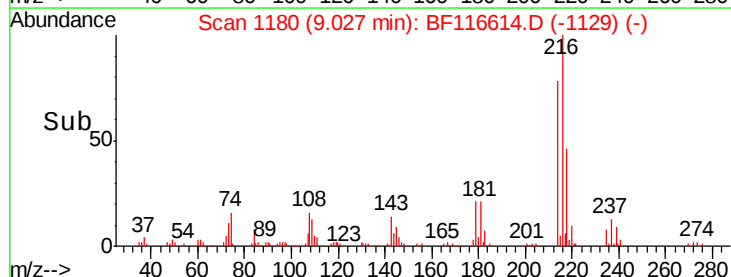
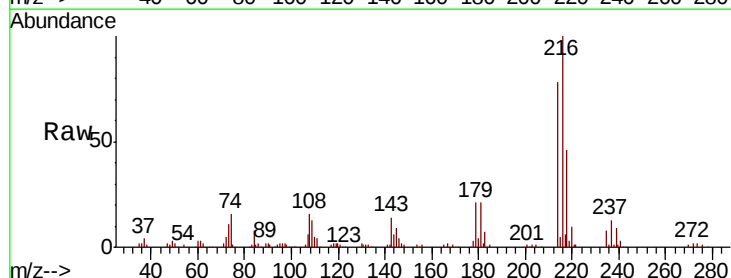
Ion Ratio Lower Upper

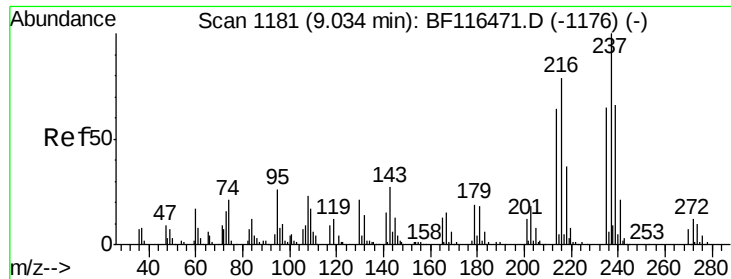
216 100

214 79.3 63.3 94.9

179 22.6 17.9 26.9

108 22.6 16.0 24.0

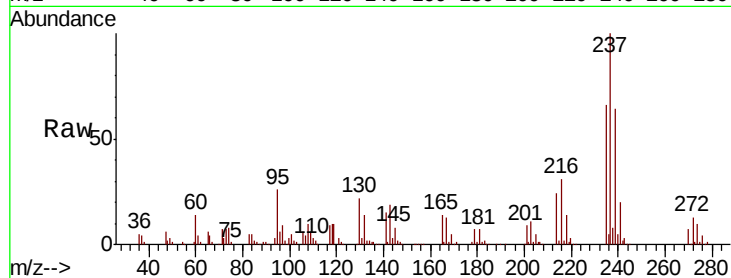




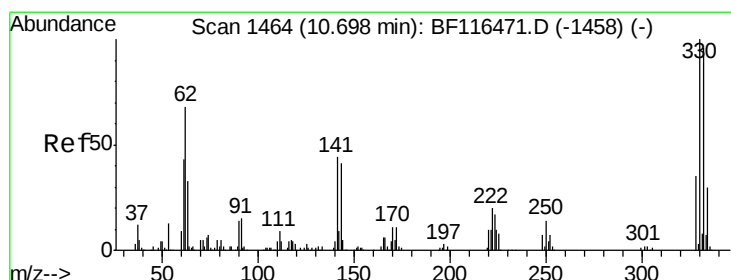
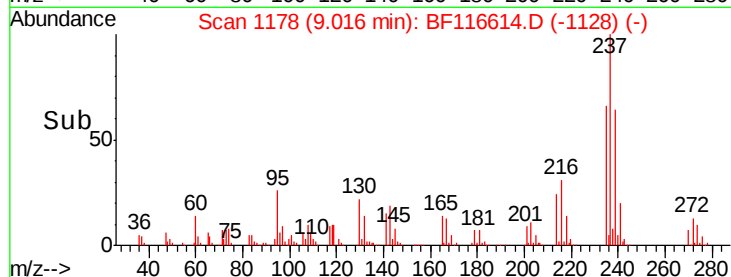
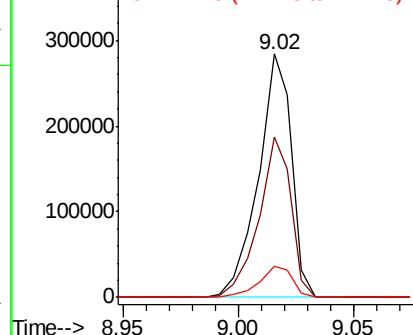
#41
Hexachlorocyclopentadiene
Concen: 81.384 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.8	42.9	82.9
272	12.7	0.0	33.8

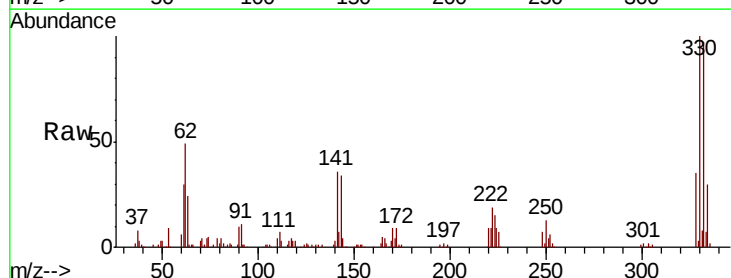


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

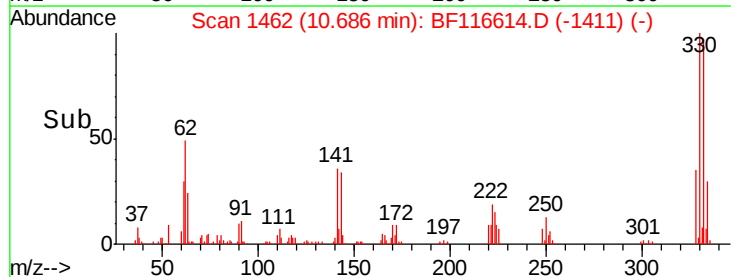
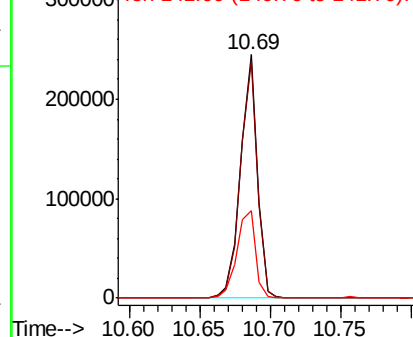


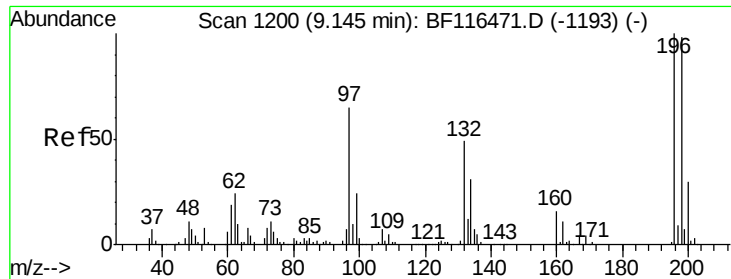
#42
2,4,6-Tribromophenol
Concen: 98.289 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.5	116.3
141	39.5	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

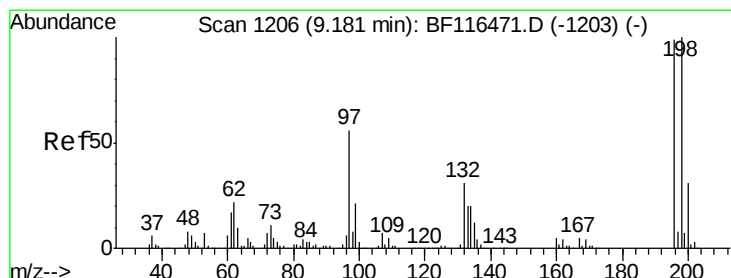
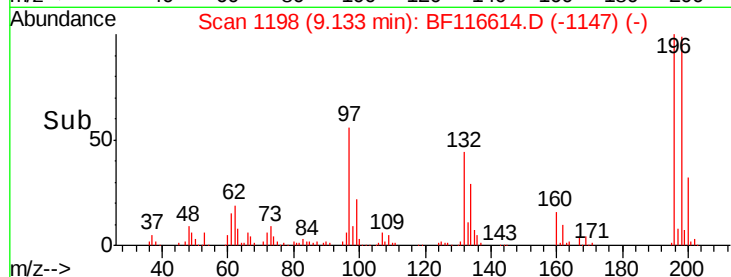
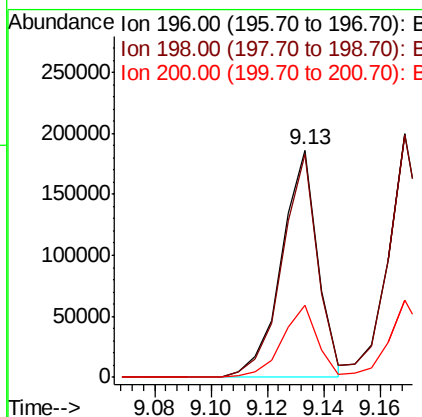
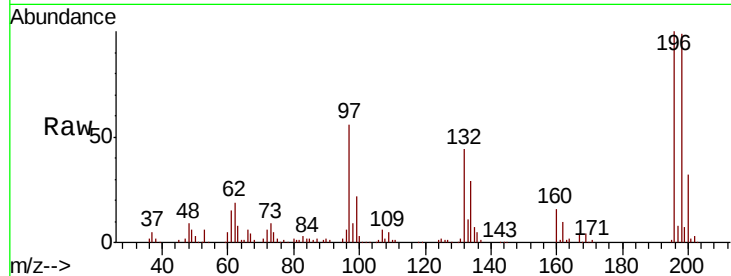




#43
 2,4,6-Trichlorophenol
 Concen: 39.171 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

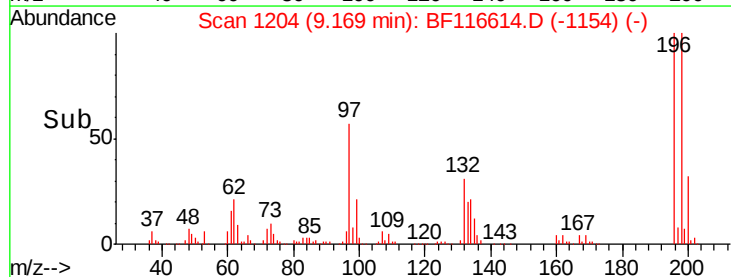
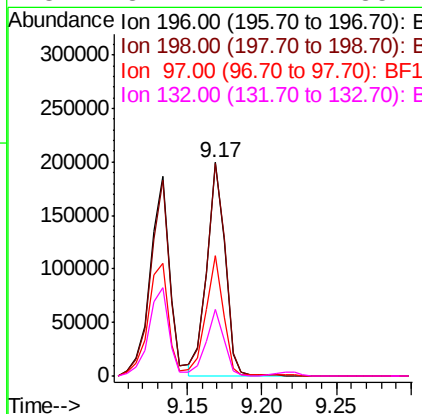
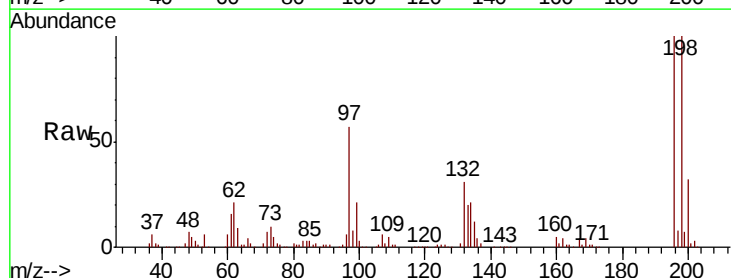
Instrument :
 BNA_F
 ClientSampled :

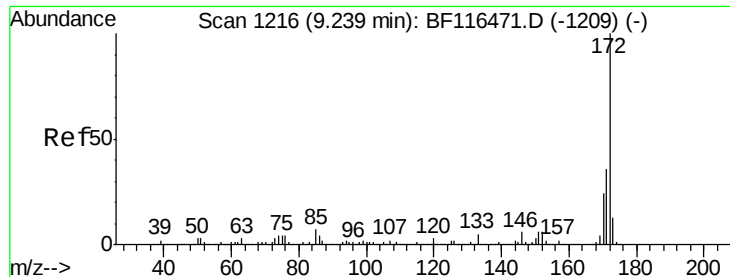
Tot Ion:196 Resp: 165452
 Ion Ratio Lower Upper
 196 100
 198 98.5 76.8 115.2
 200 31.9 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 39.803 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Tgt Ion:196 Resp: 169092
 Ion Ratio Lower Upper
 196 100
 198 99.7 82.0 123.0
 97 56.6 37.0 55.6#
 132 31.1 22.2 33.2

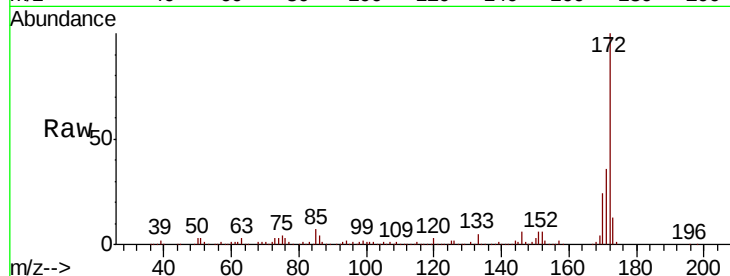




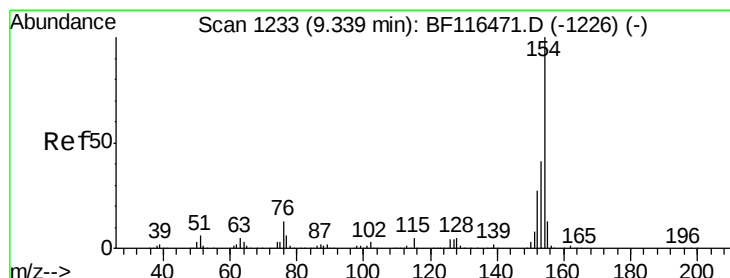
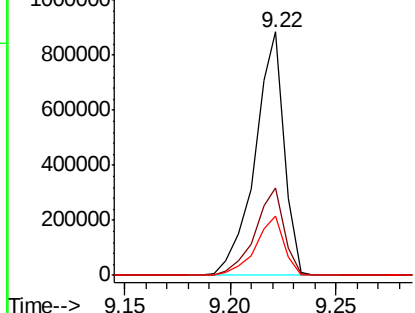
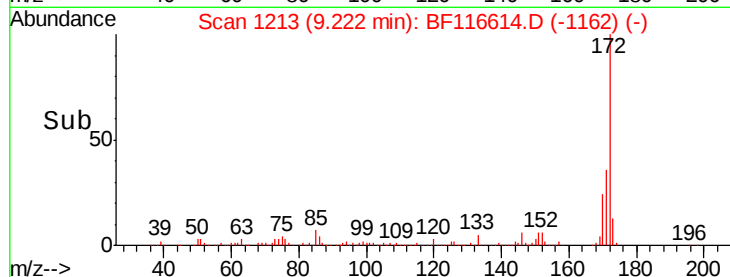
#45
 2-Fluorobiphenyl
 Concen: 64.508 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 849702
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 19.3 28.9

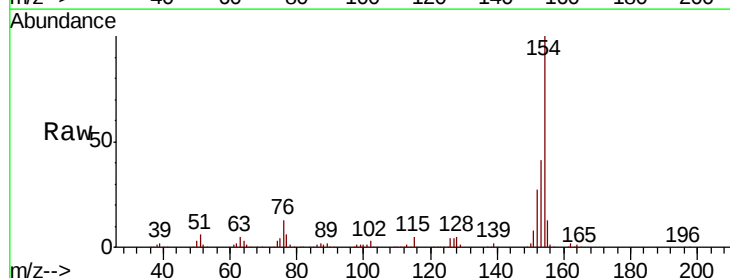


Abundance Ion 172.00 (171.70 to 172.70): E
 1200000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

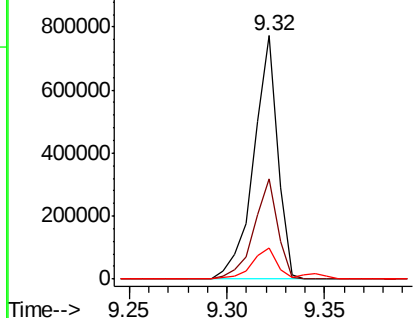
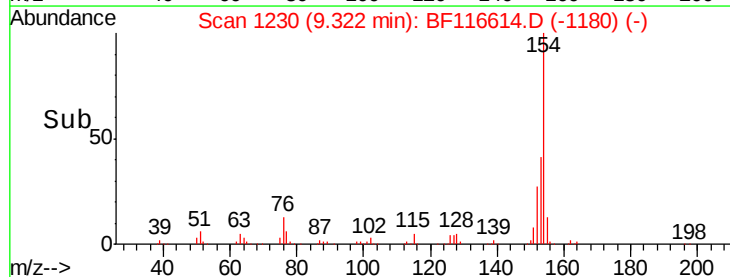


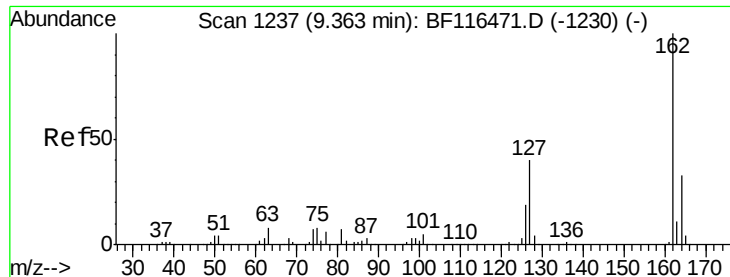
#46
 1,1'-Biphenyl
 Concen: 39.417 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Tgt Ion:154 Resp: 655908
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.4 61.4
 76 12.9 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
 1000000
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

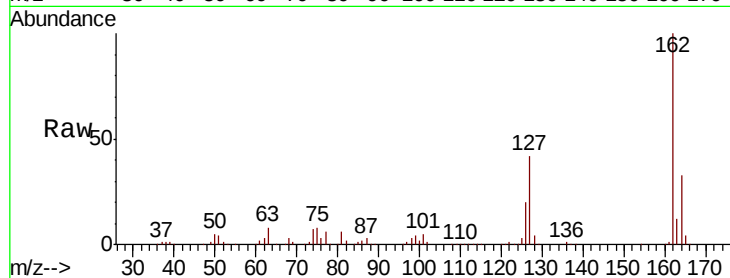




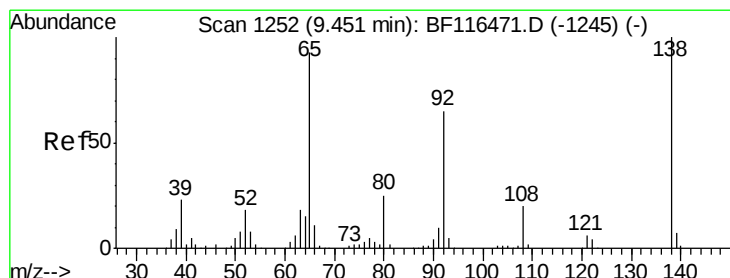
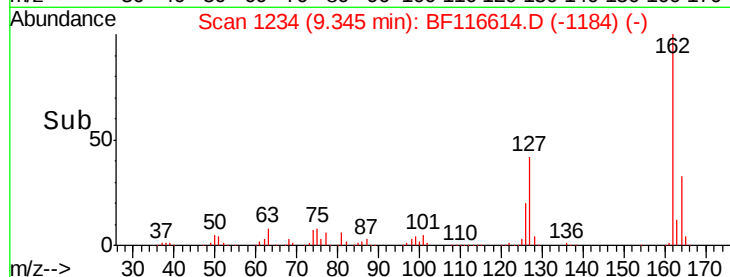
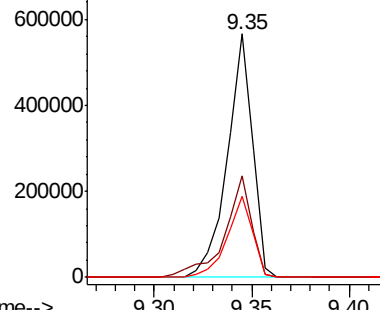
#47
2-Chloronaphthalene
Concen: 39.105 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 507268
Ion Ratio Lower Upper
162 100
127 41.7 31.1 46.7
164 33.4 26.8 40.2

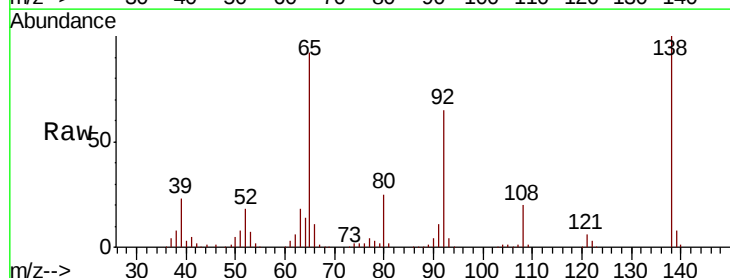


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

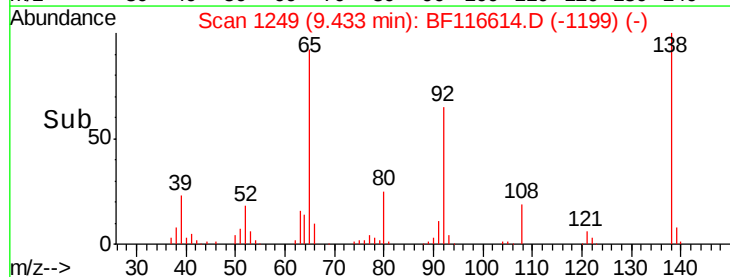
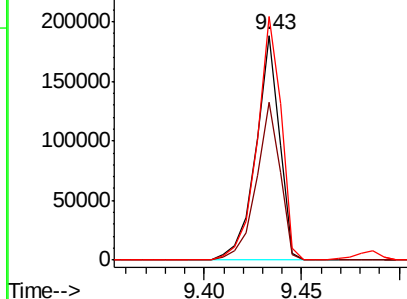


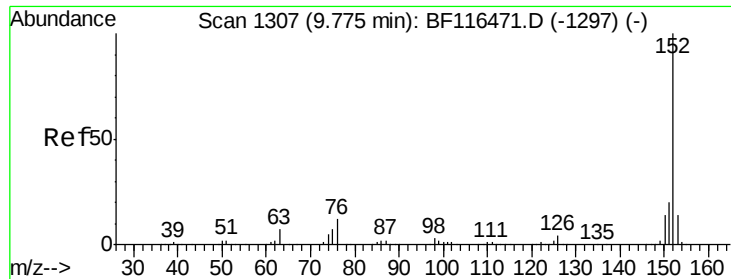
#48
2-Nitroaniline
Concen: 38.429 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion: 65 Resp: 157663
Ion Ratio Lower Upper
65 100
92 70.4 58.2 87.2
138 108.3 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: 41.243 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

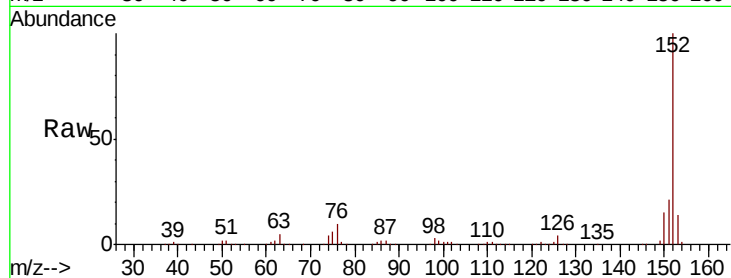
Tot Ion:152 Resp: 785807

Ion Ratio Lower Upper

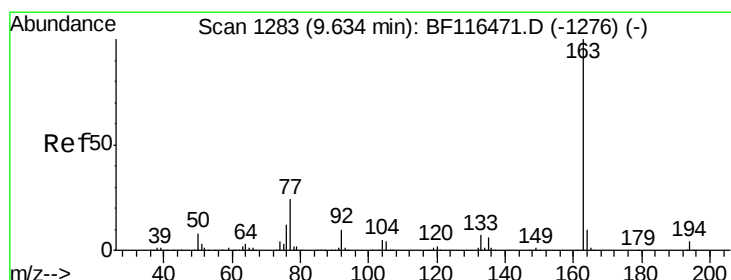
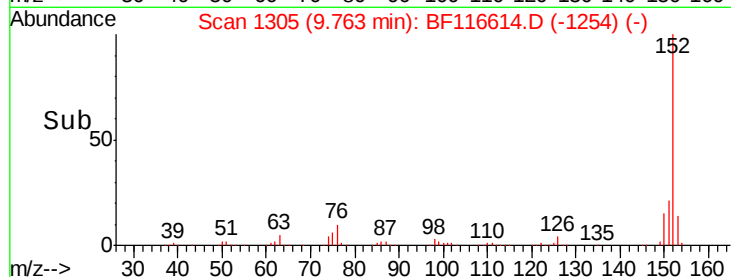
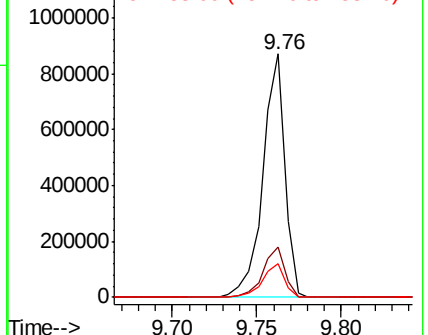
152 100

151 20.8 16.4 24.6

153 13.6 11.3 16.9



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



#50

Dimethylphthalate

Concen: 39.402 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

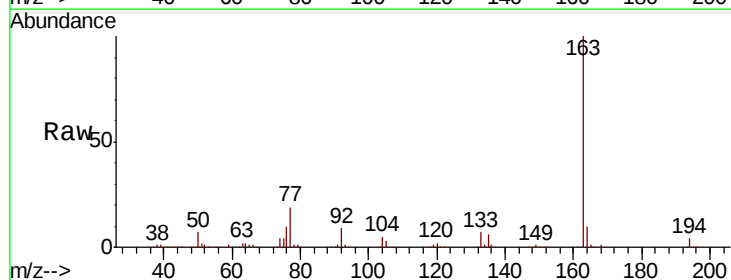
Tgt Ion:163 Resp: 580677

Ion Ratio Lower Upper

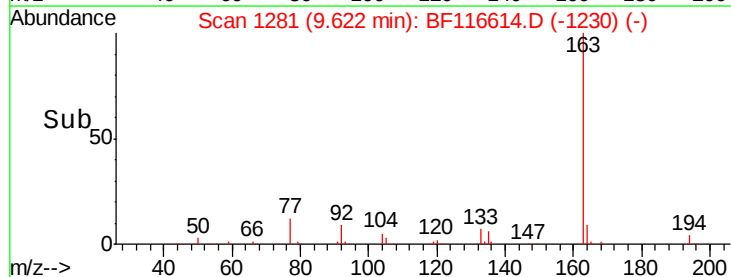
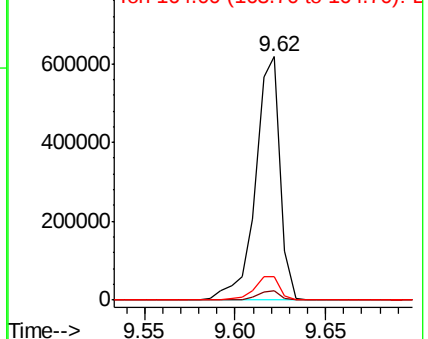
163 100

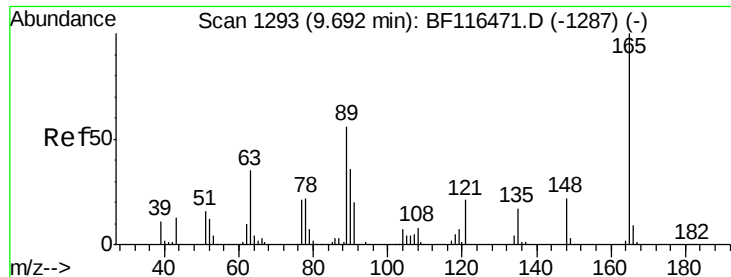
194 3.7 3.0 4.6

164 9.6 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: 40.827 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampled :

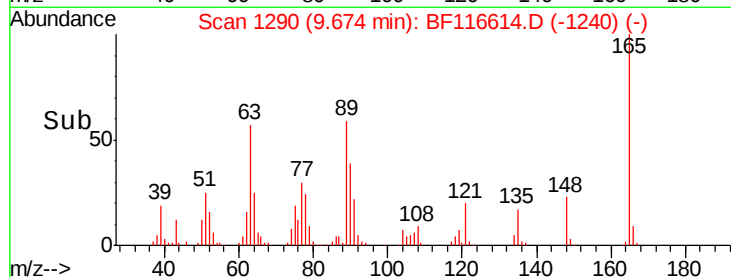
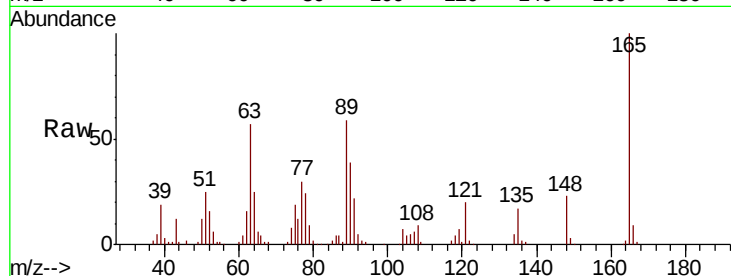
Tot Ion:165 Resp: 132675

Ion Ratio Lower Upper

165 100

63 57.1 37.2 55.8#

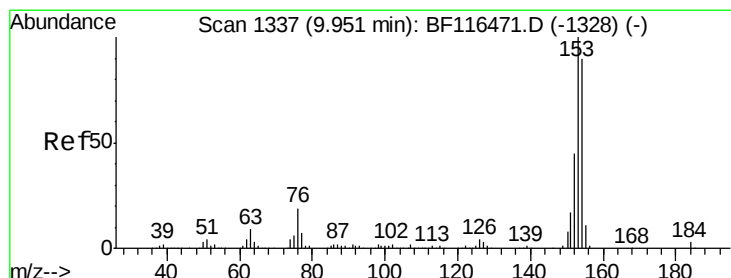
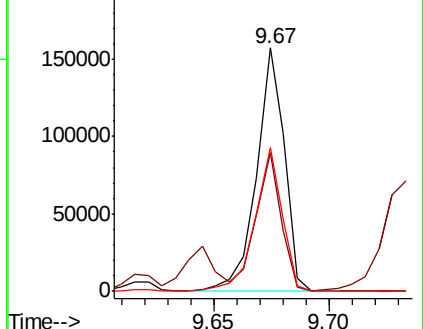
89 59.3 40.8 61.2



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: 42.075 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

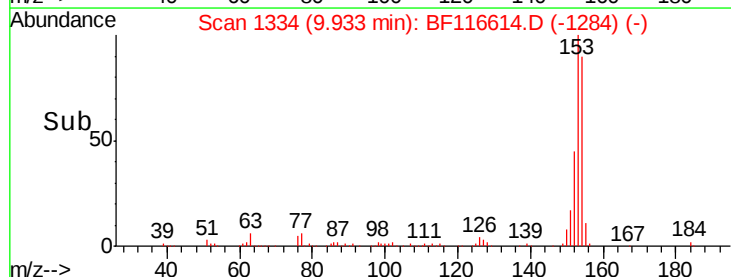
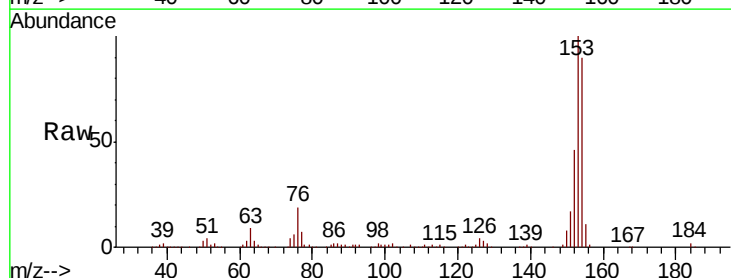
Tgt Ion:154 Resp: 542806

Ion Ratio Lower Upper

154 100

153 111.0 86.6 129.8

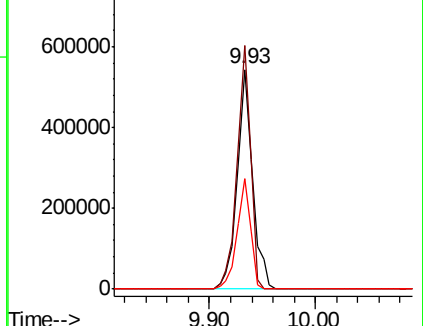
152 50.5 39.4 59.0

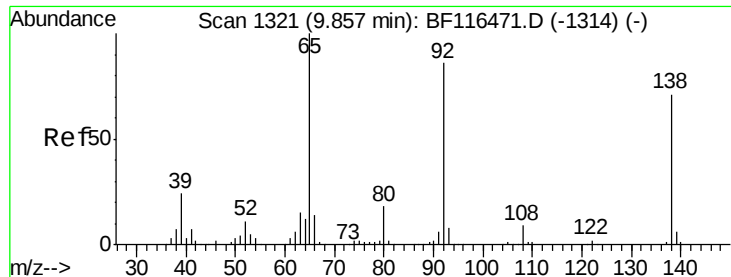


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

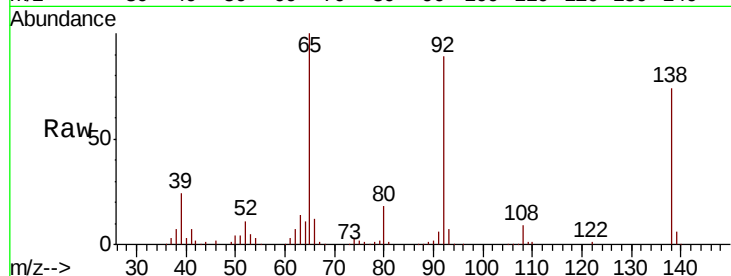




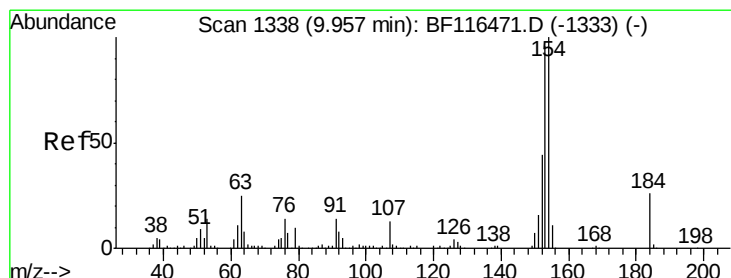
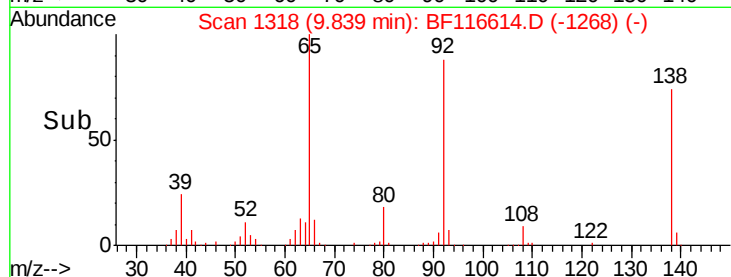
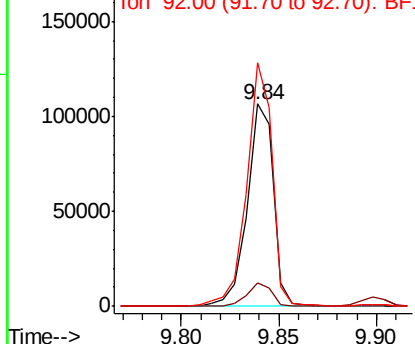
#53
3-Nitroaniline
Concen: 25.525 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 99043
Ion Ratio Lower Upper
138 100
108 11.6 8.5 12.7
92 120.4 91.6 137.4

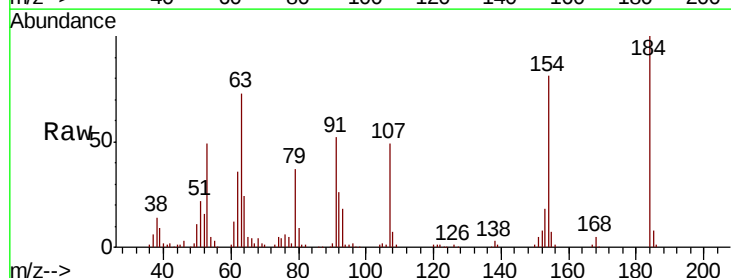


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

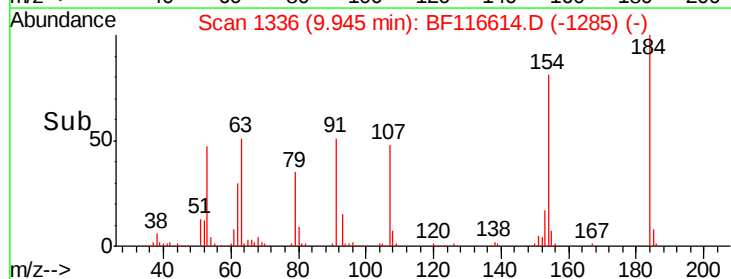
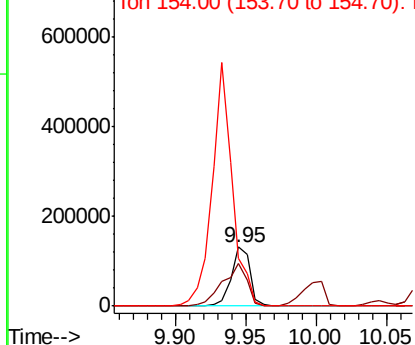


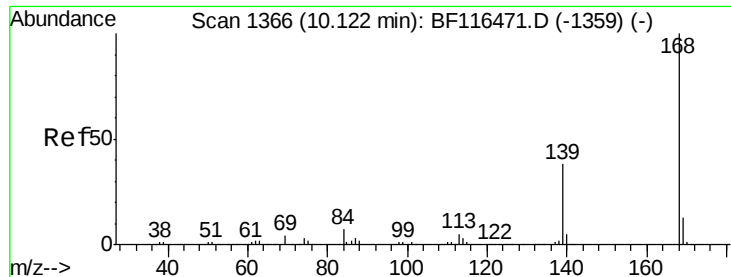
#54
2,4-Dinitrophenol
Concen: 74.806 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:184 Resp: 120456
Ion Ratio Lower Upper
184 100
63 72.8 62.7 94.1
154 80.9 150.0 225.0#



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

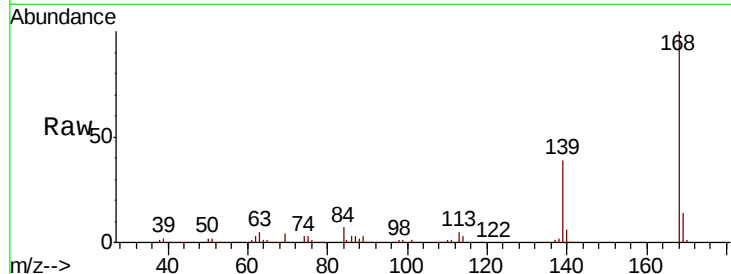




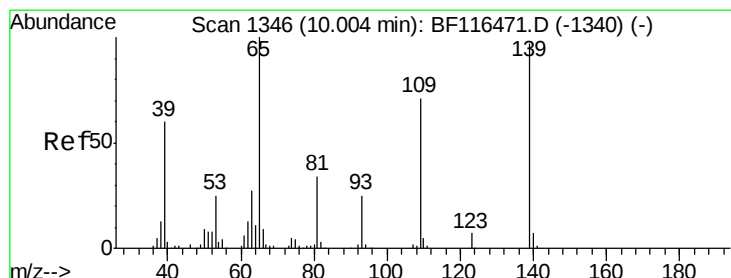
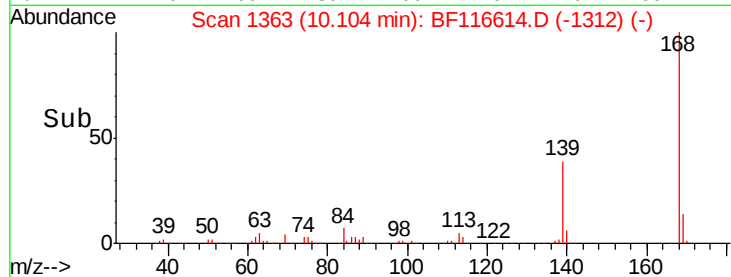
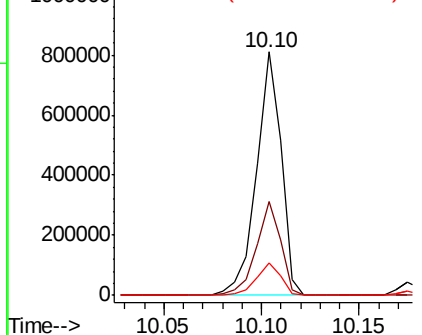
#55
Dibenzenofuran
Concen: 40.819 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 709152
Ion Ratio Lower Upper
168 100
139 38.8 31.3 46.9
169 13.6 11.3 16.9

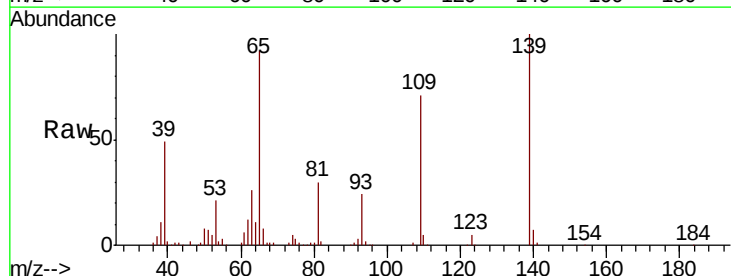


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

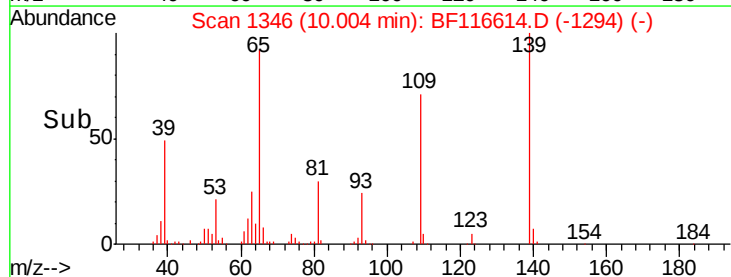
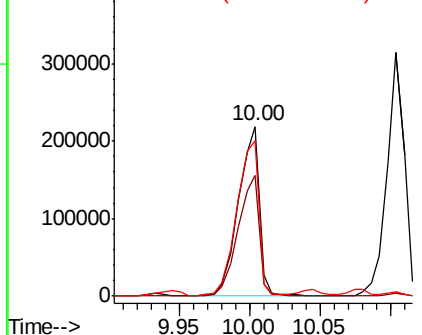


#56
4-Nitrophenol
Concen: 76.776 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:139 Resp: 226474
Ion Ratio Lower Upper
139 100
109 71.1 45.5 85.5
65 91.8 66.8 106.8



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

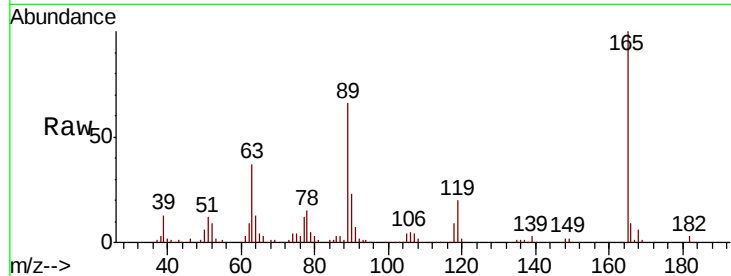




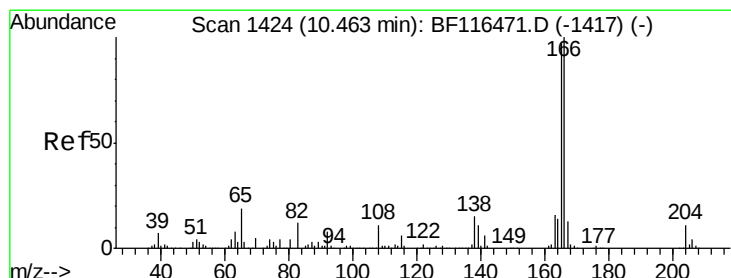
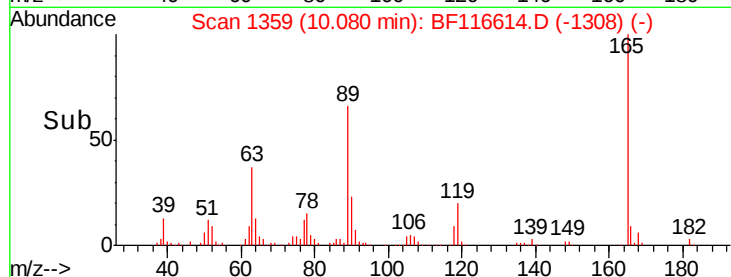
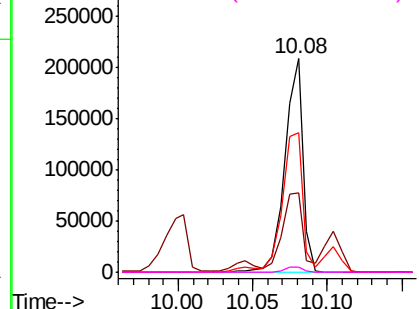
#57
2,4-Dinitrotoluene
Concen: 41.521 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	165	Resp:	178042
Ion	Ratio	Lower	Upper
165	100		
63	37.3	30.9	46.3
89	65.5	55.0	82.6
182	2.6	2.2	3.2

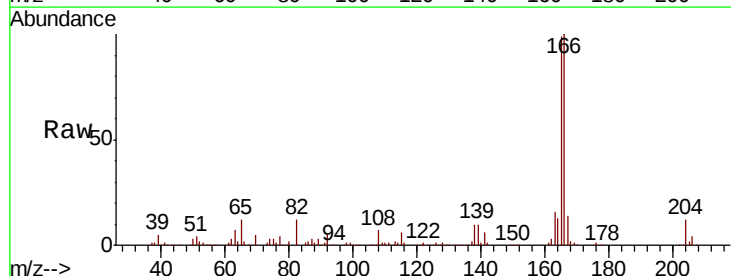


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

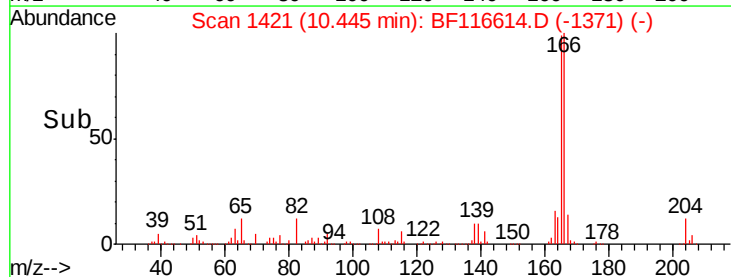
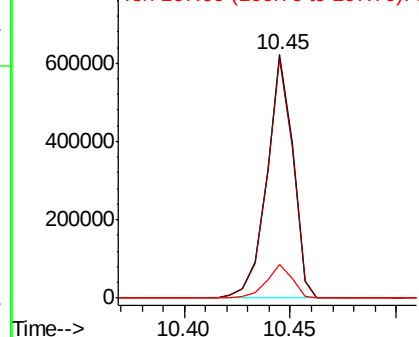


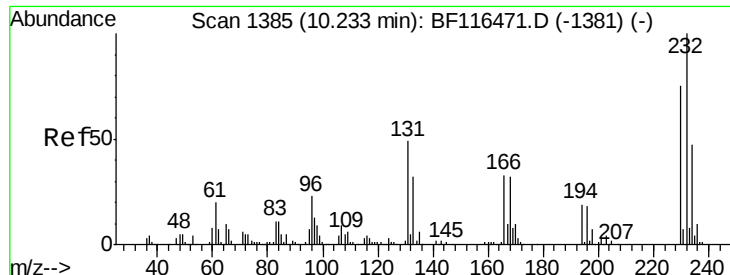
#58
Fluorene
Concen: 40.537 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:	166	Resp:	534478
Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	13.6	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: 40.623 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 142052

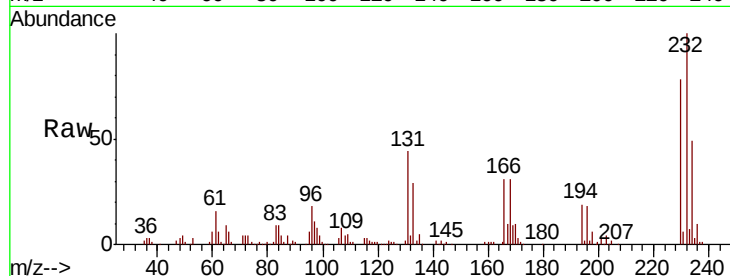
Ion Ratio Lower Upper

232 100

131 49.0 37.7 56.5

130 2.4 1.8 2.6

166 33.5 25.5 38.3

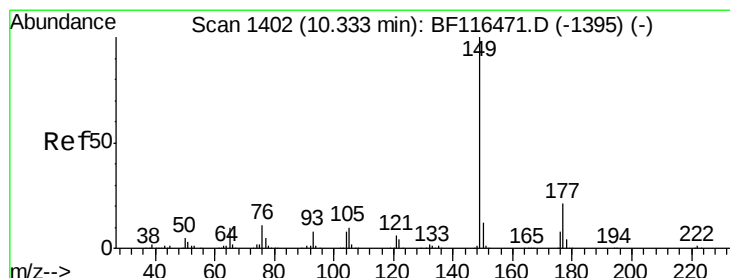
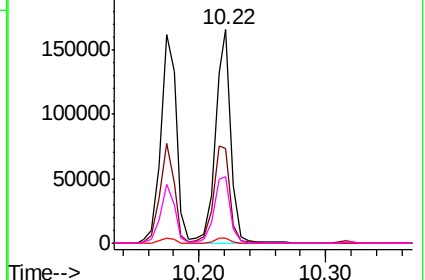
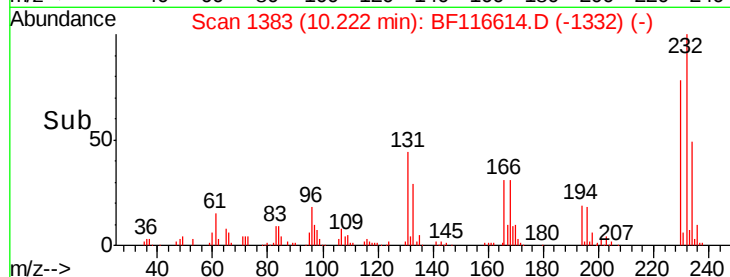


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.910 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

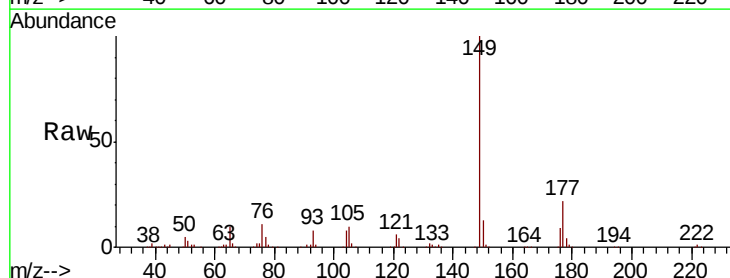
Tgt Ion:149 Resp: 559720

Ion Ratio Lower Upper

149 100

177 21.6 18.2 27.4

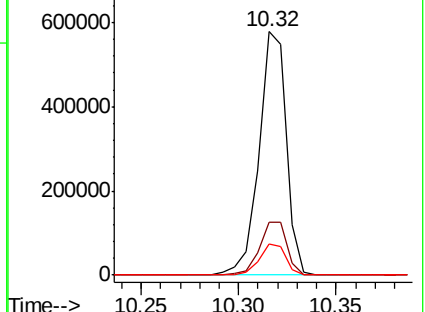
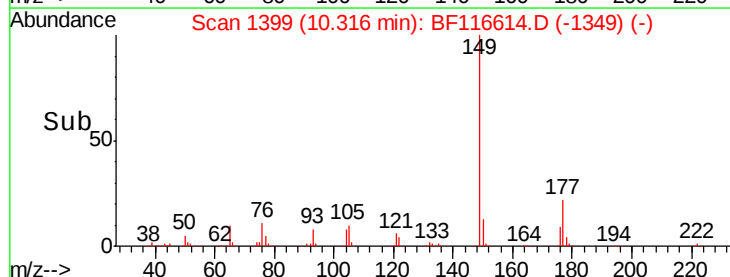
150 13.0 10.1 15.1



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

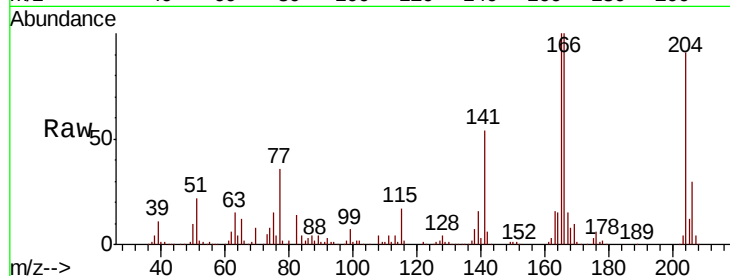




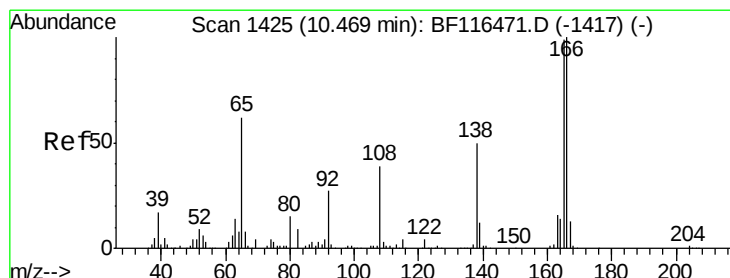
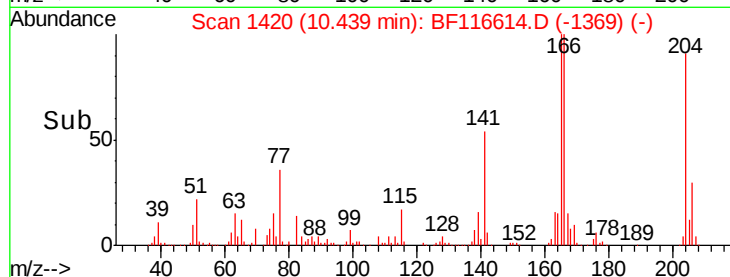
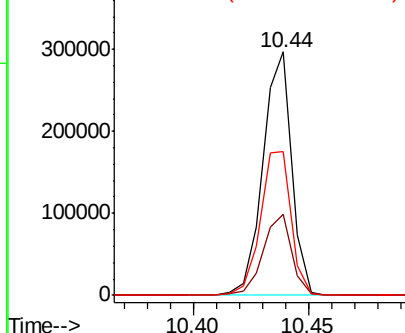
#61
4-Chlorophenyl-phenylether
Concen: 39.038 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 258031
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 59.3 47.9 71.9

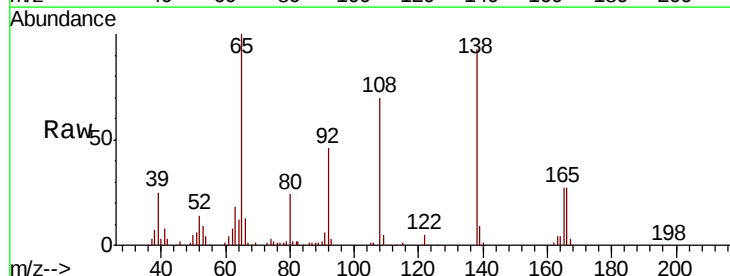


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

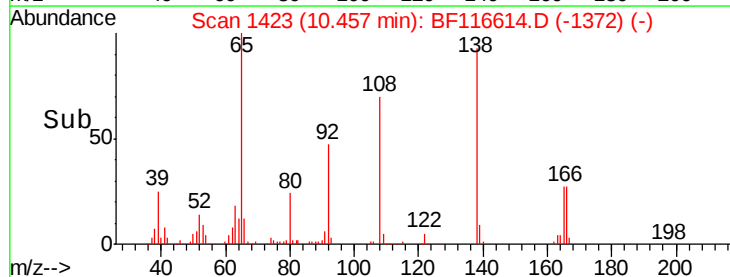
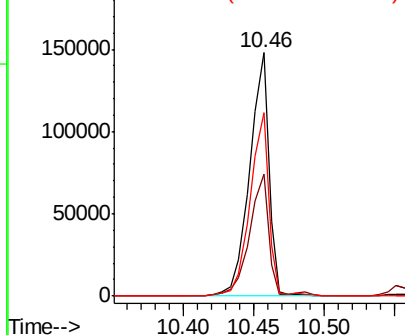


#62
4-Nitroaniline
Concen: 37.906 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:138 Resp: 143105
Ion Ratio Lower Upper
138 100
92 50.0 28.9 68.9
108 75.3 49.3 89.3



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

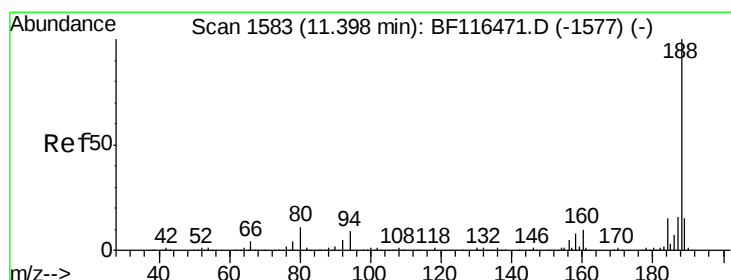
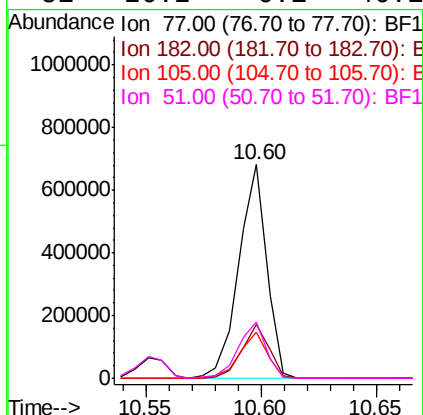
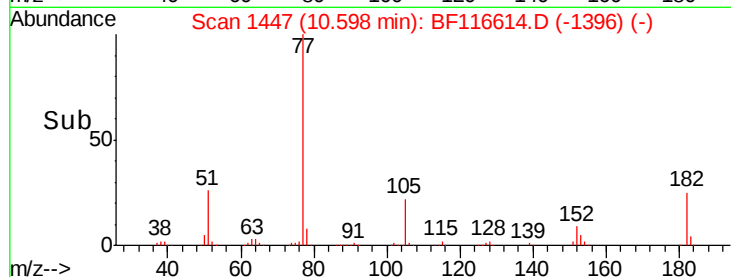
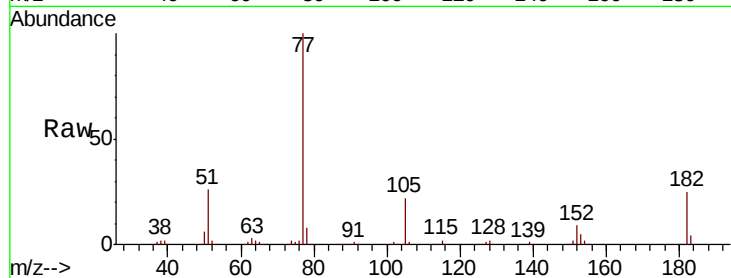




#63
Azobenzene
Concen: 39.695 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

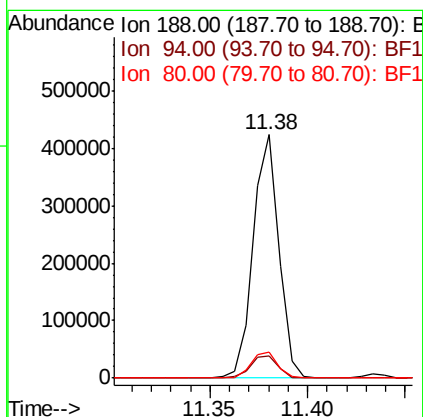
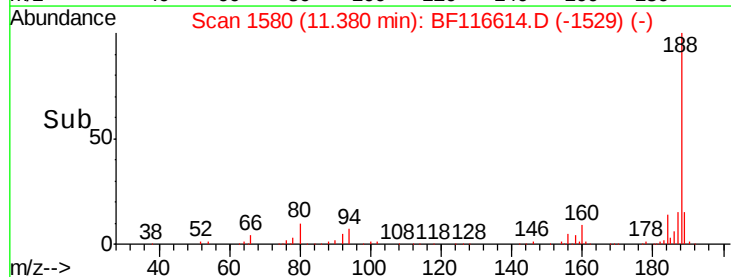
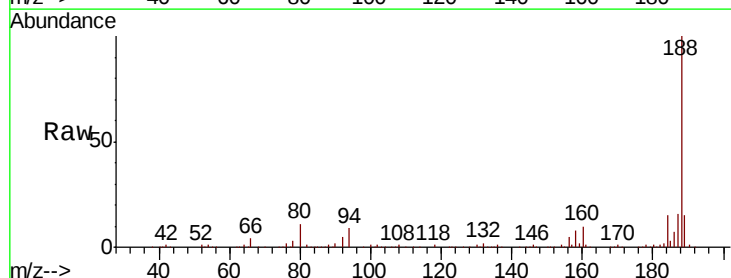
Instrument :
BNA_F
ClientSampleId :

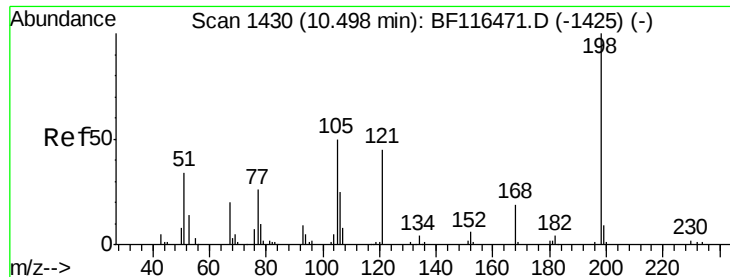
Tot Ion:	77	Resp:	576433
Ion	Ratio	Lower	Upper
77	100		
182	25.4	3.8	43.8
105	21.9	1.6	41.6
51	26.2	6.1	46.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:	188	Resp:	385566
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.4
80	10.6	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 42.062 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampled :

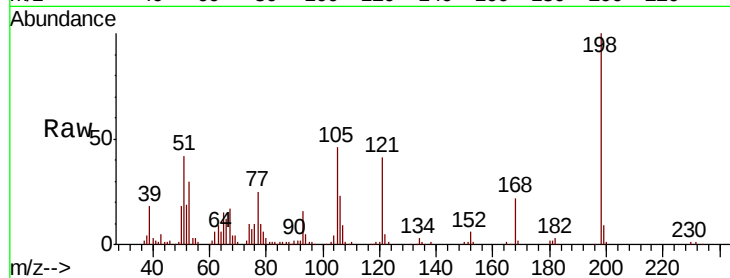
Tot Ion:198 Resp: 86516

Ion Ratio Lower Upper

198 100

51 42.4 21.9 61.9

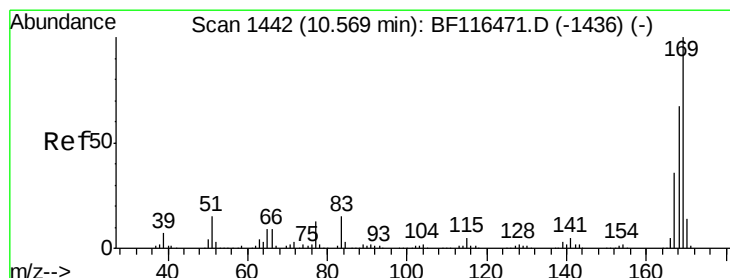
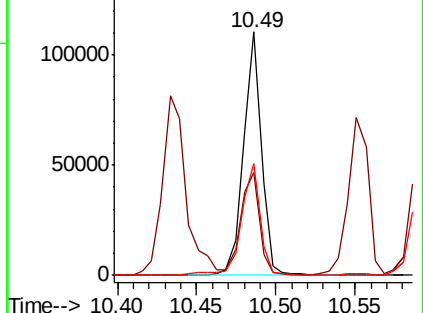
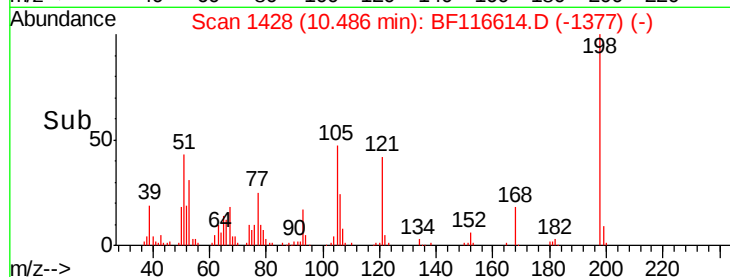
105 46.0 25.2 65.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.598 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

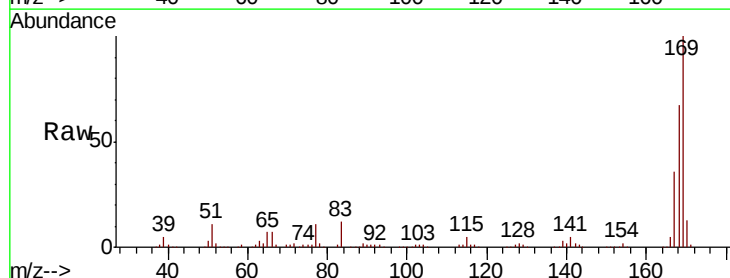
Tgt Ion:169 Resp: 483299

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.8

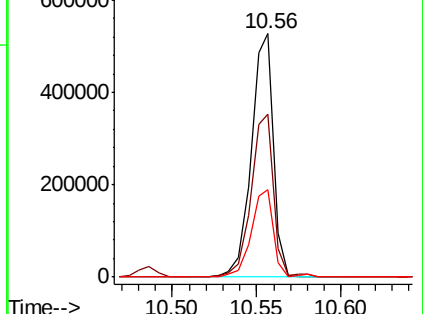
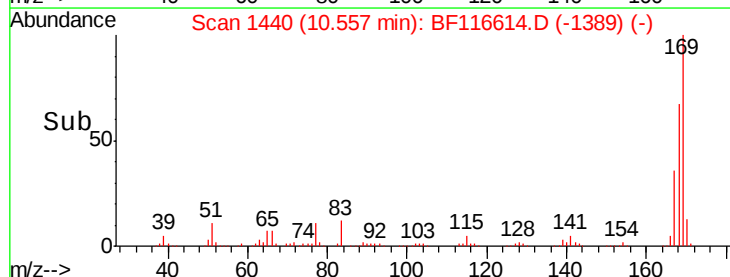
167 35.7 29.3 43.9

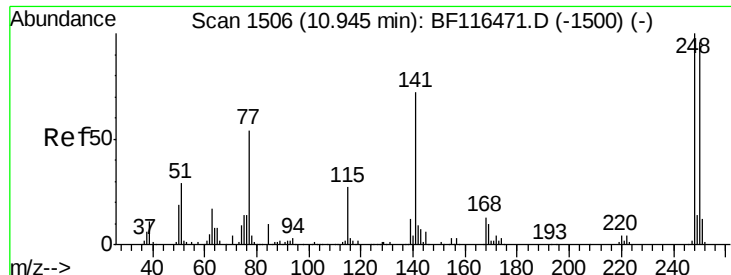


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

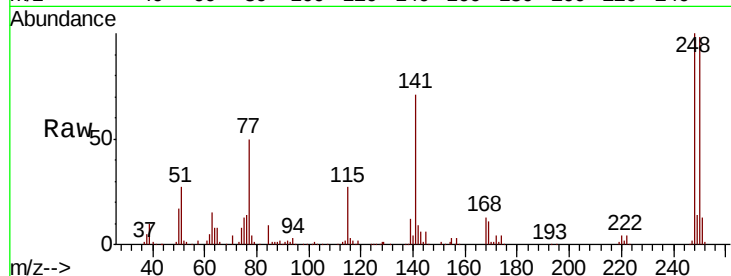




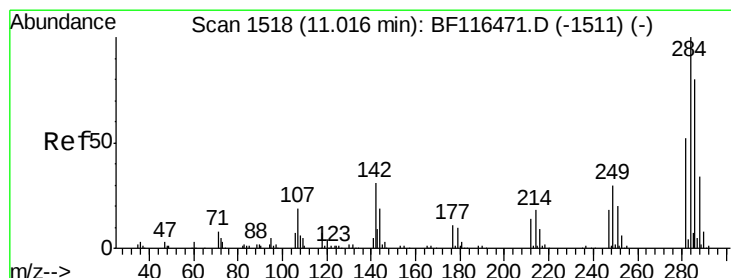
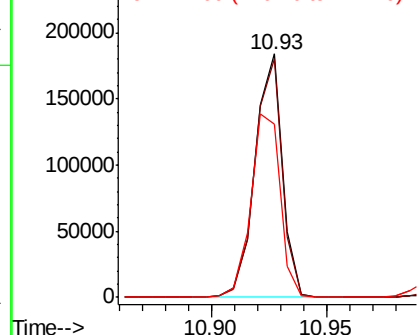
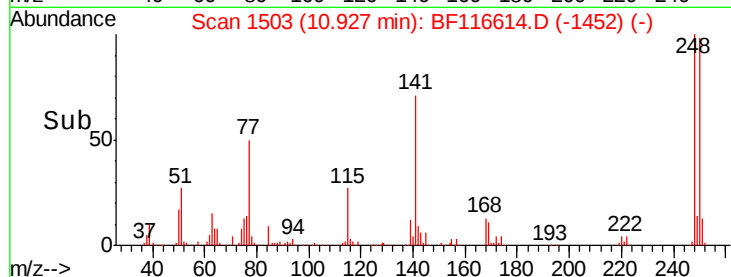
#67
 4-Bromophenyl-phenylether
 Concen: 37.412 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 153005
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.6 115.0
 141 71.0 60.8 91.2

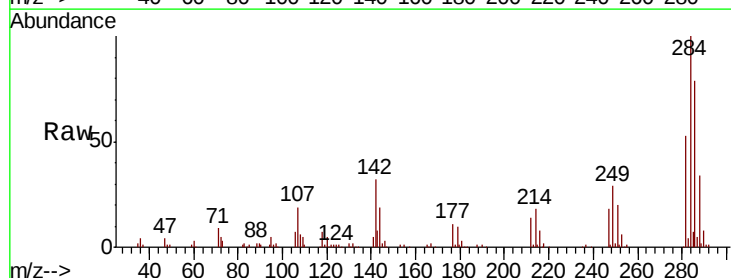


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

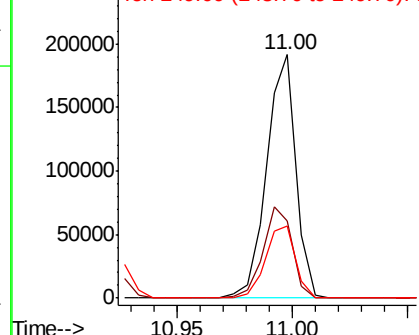
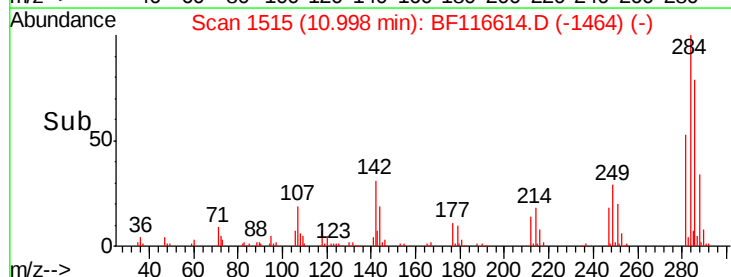


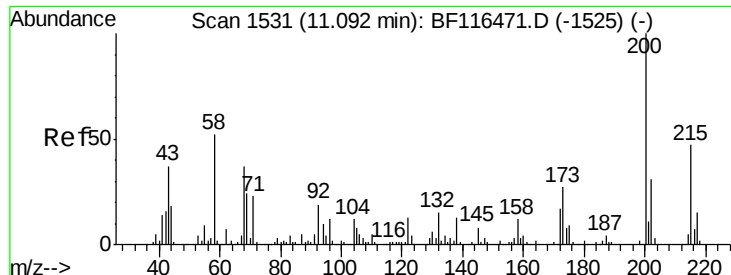
#68
 Hexachlorobenzene
 Concen: 36.932 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Tgt Ion:284 Resp: 168158
 Ion Ratio Lower Upper
 284 100
 142 31.6 27.8 41.8
 249 29.4 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

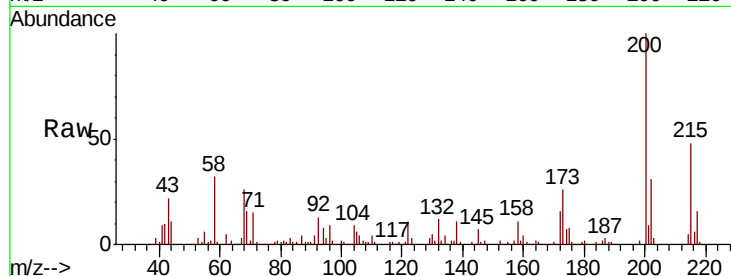




#69
Atrazine
Concen: 38.823 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.8	46.8
215	48.3	28.5	68.5

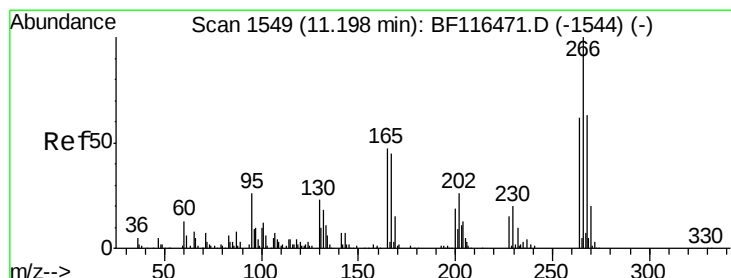
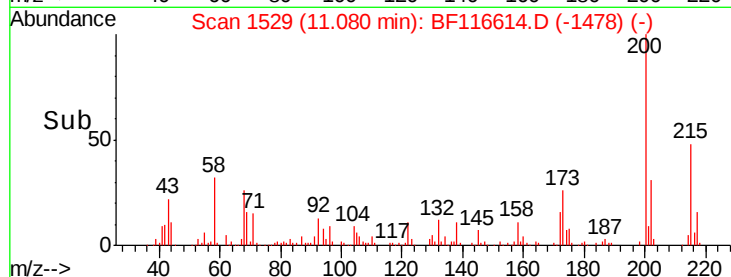
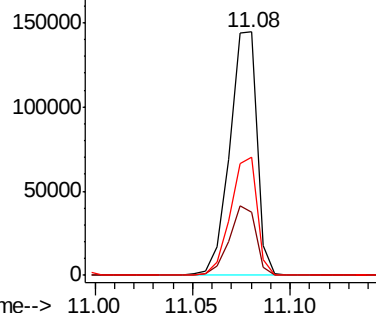


Abundance

Ion 200.00 (199.70 to 200.70): E

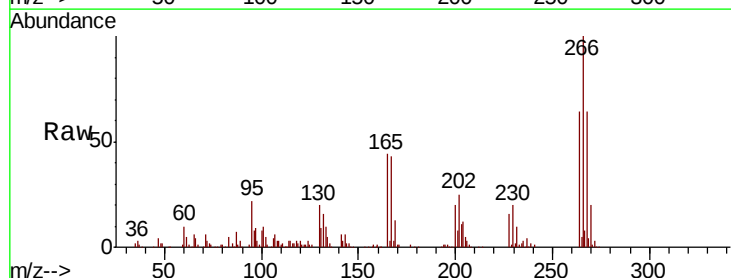
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.096 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.8	74.8
264	63.7	49.9	74.9

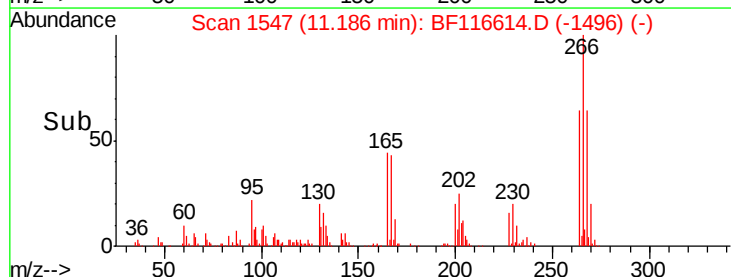
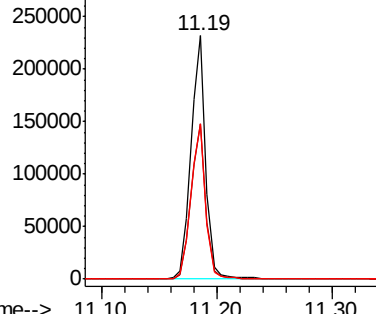


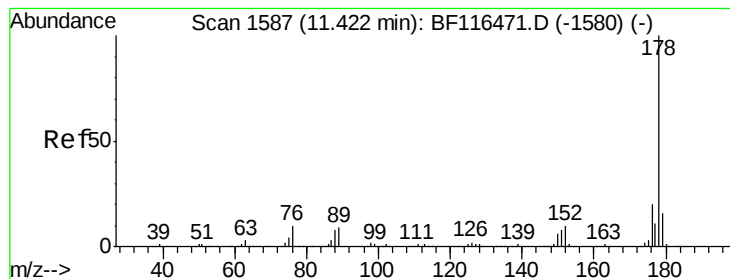
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.479 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampled :

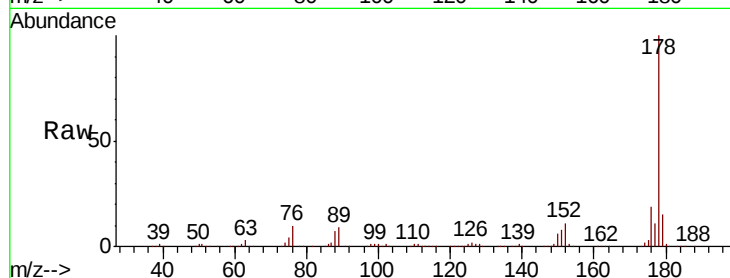
Tot Ion:178 Resp: 817588

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

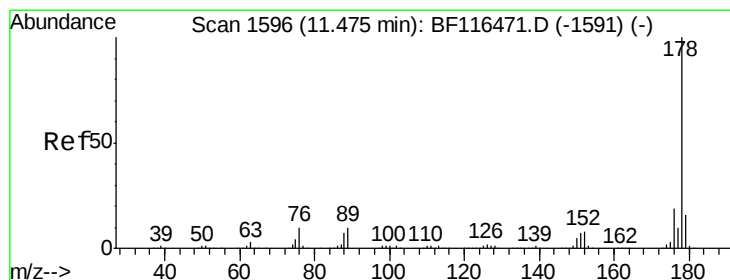
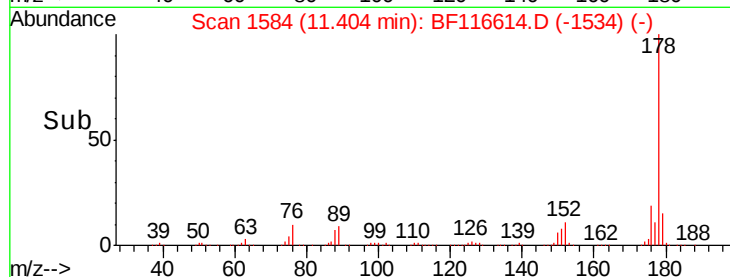
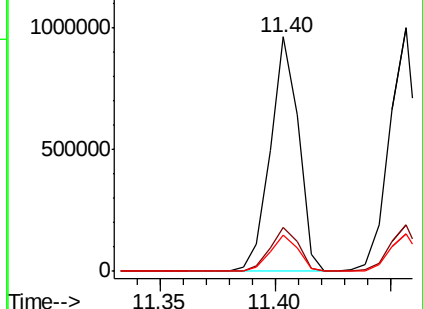
179 15.2 12.4 18.6



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: 40.214 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

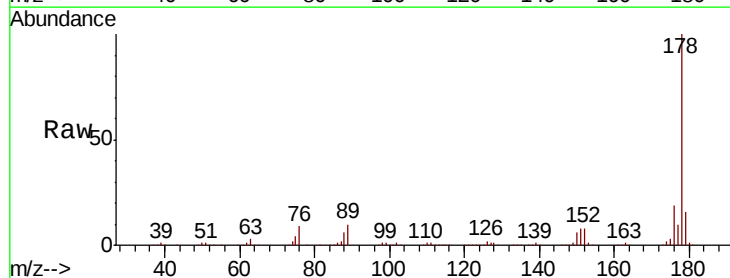
Tgt Ion:178 Resp: 832721

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

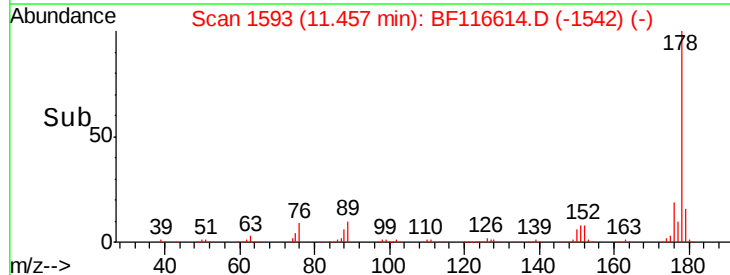
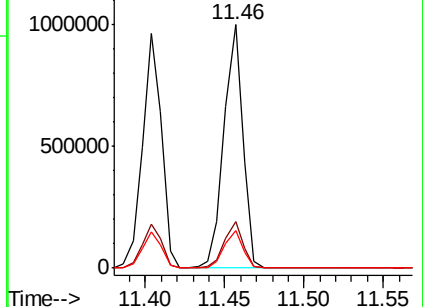
179 15.6 12.7 19.1



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

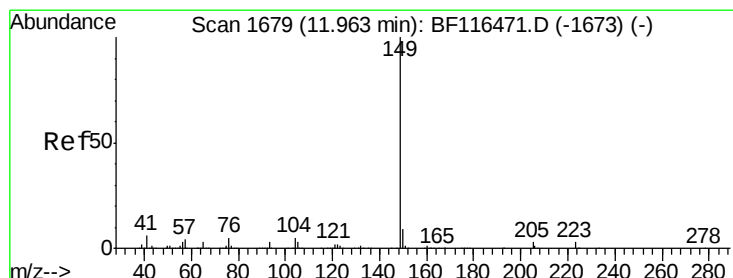
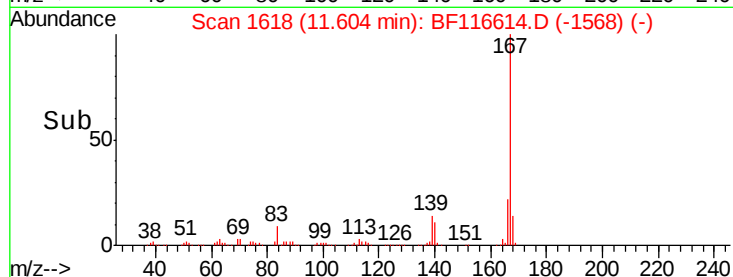
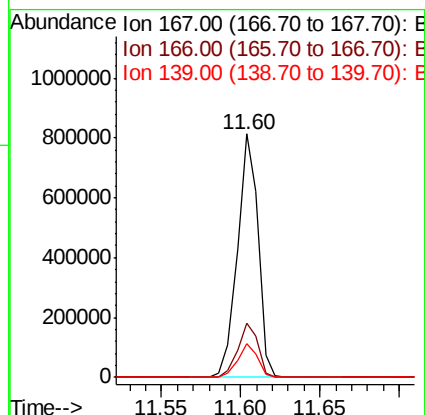
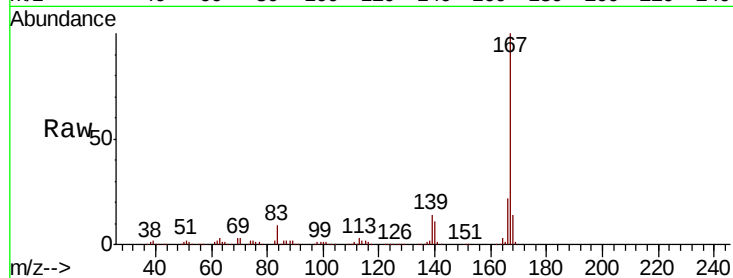




#73
 Carbazole
 Concen: 41.640 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

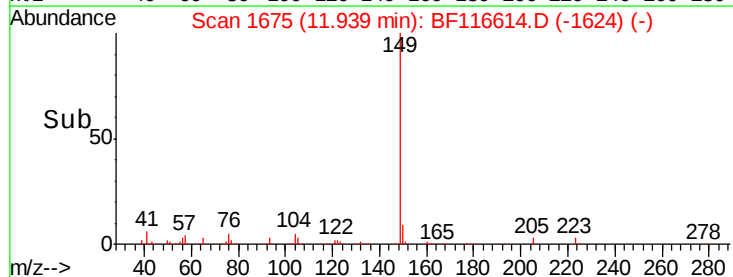
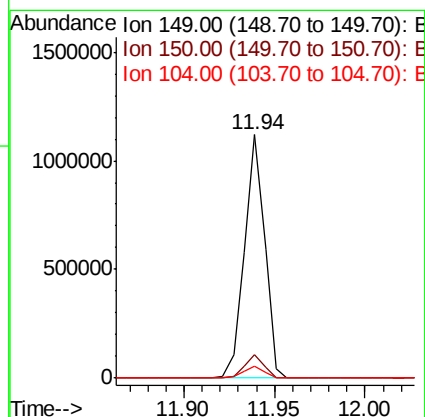
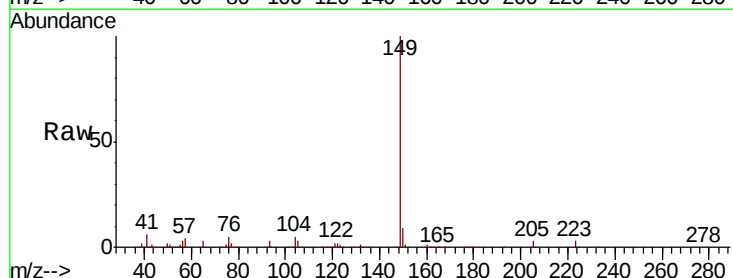
Instrument :
 BNA_F
 ClientSampleId :

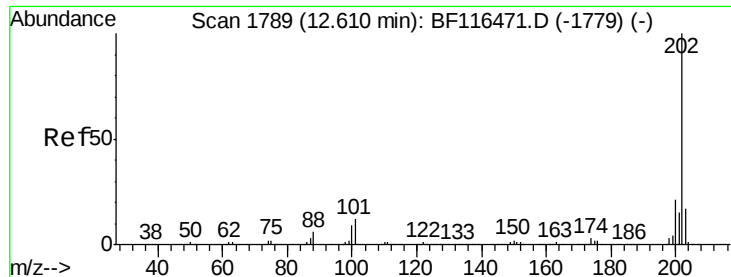
Tot Ion:167 Resp: 733853
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 13.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 42.536 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Tgt Ion:149 Resp: 868739
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.0 4.2 6.4

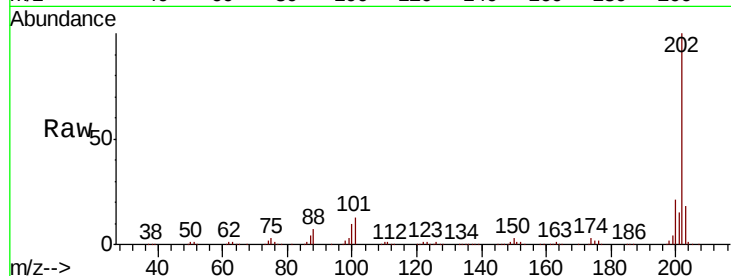




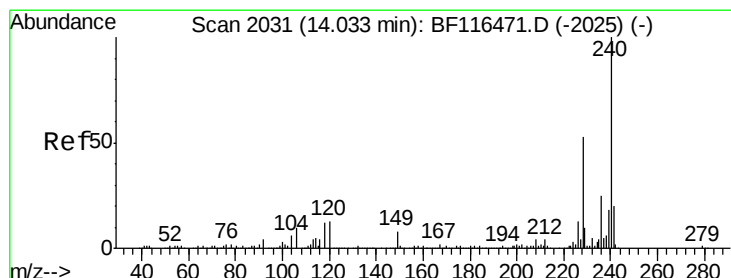
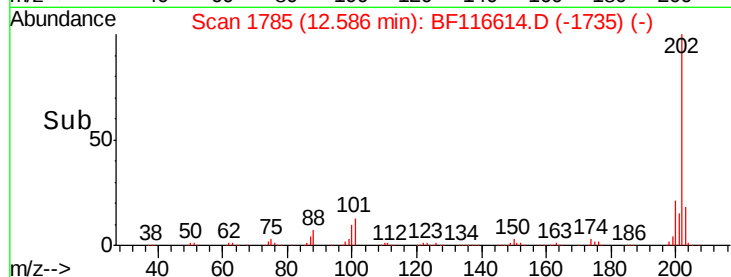
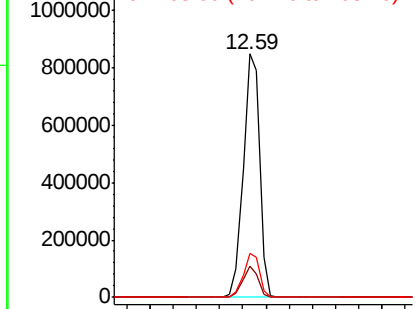
#75
 Fluoranthene
 Concen: 44.708 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.8
203	17.8	0.0	37.1

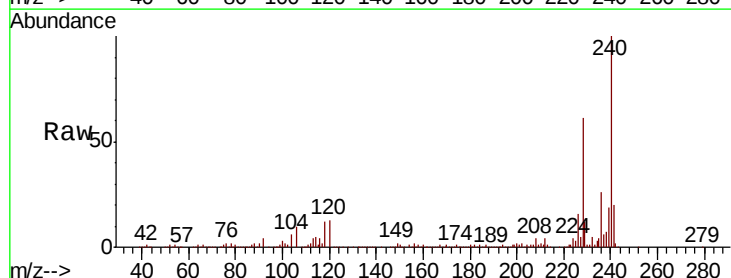


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

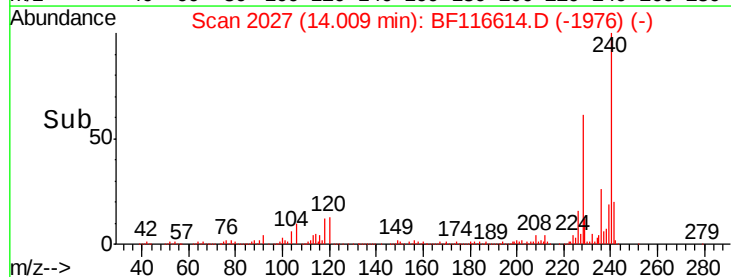
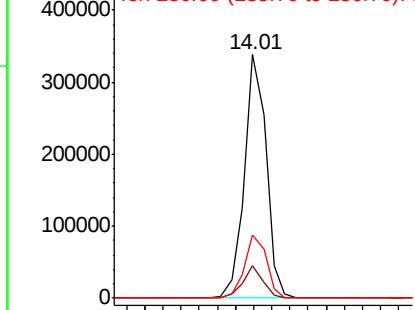


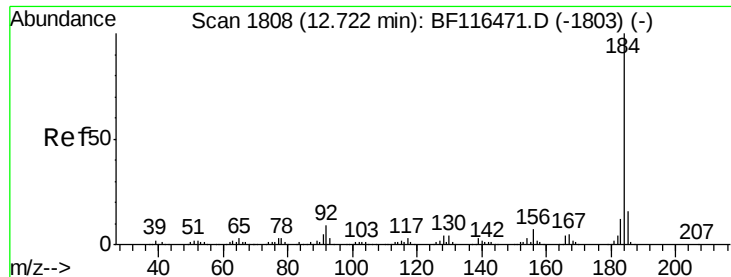
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF116614.D
 Acq: 28 Aug 2019 14:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	11.3	16.9
236	25.9	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: 36.581 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

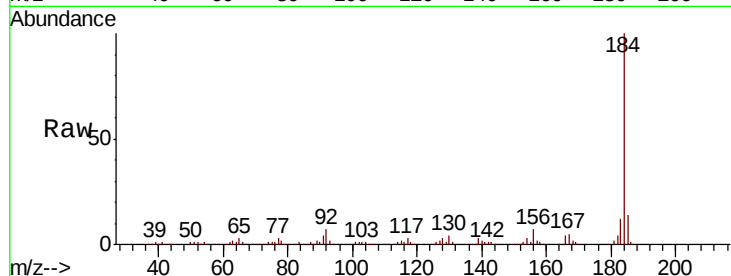
Tot Ion:184 Resp: 373823

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.9 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

12.70

400000

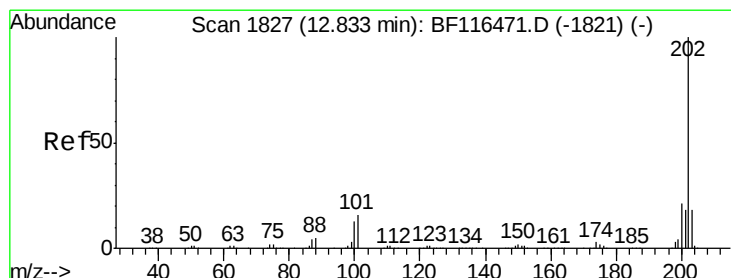
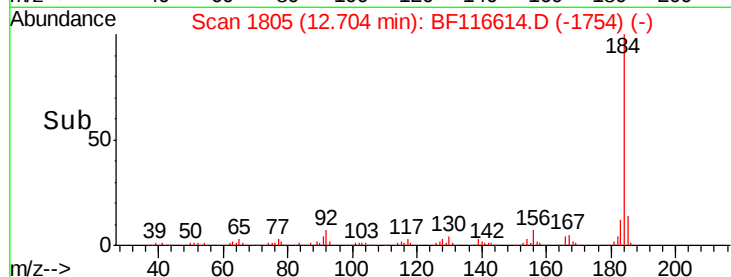
300000

200000

100000

0

Time-->



#78

Pyrene

Concen: 32.248 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

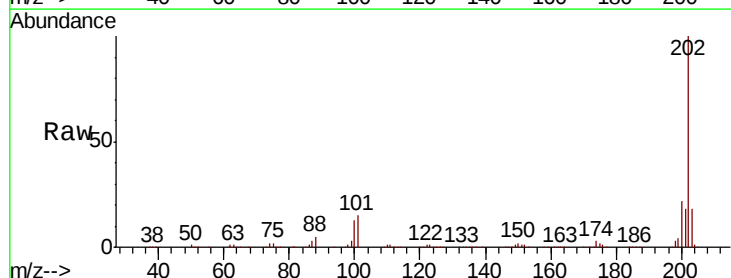
Tgt Ion:202 Resp: 837654

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

203 17.7 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

1200000

1000000

800000

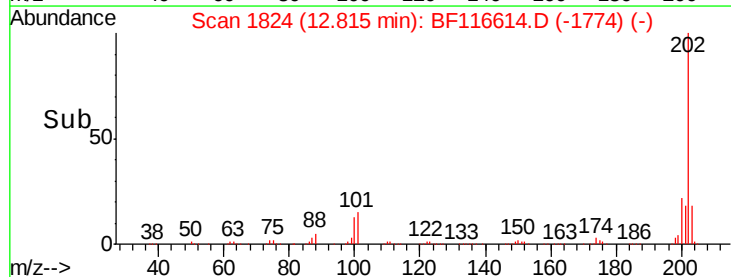
600000

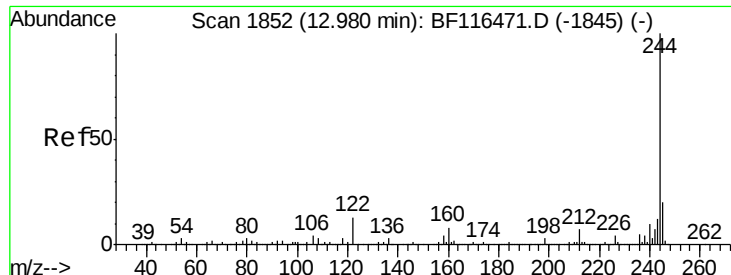
400000

200000

0

Time-->





#79

Terphenyl-d14

Concen: 51.978 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampleId :

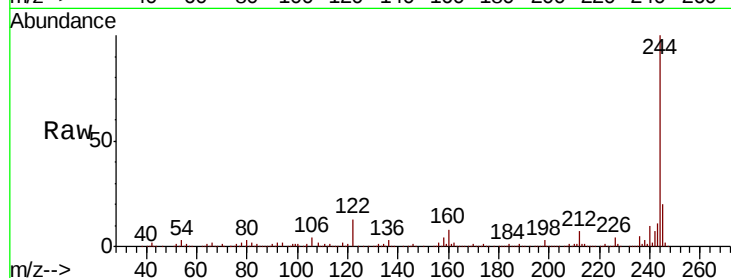
Tot Ion:244 Resp: 902818

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

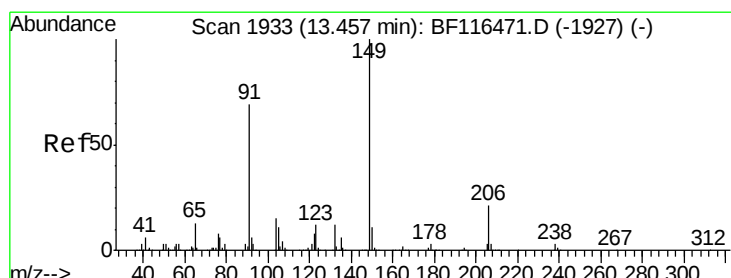
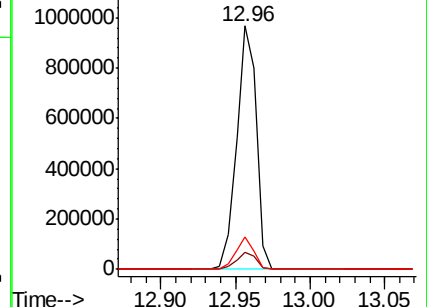
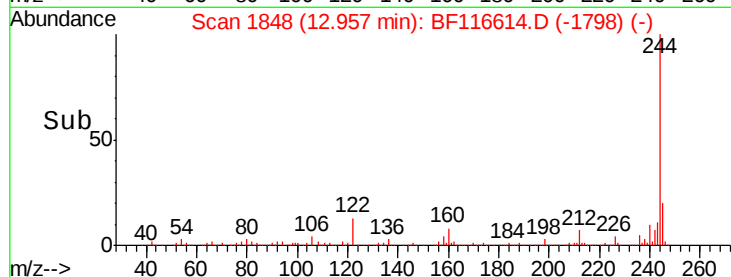
122 13.1 10.0 15.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.005 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

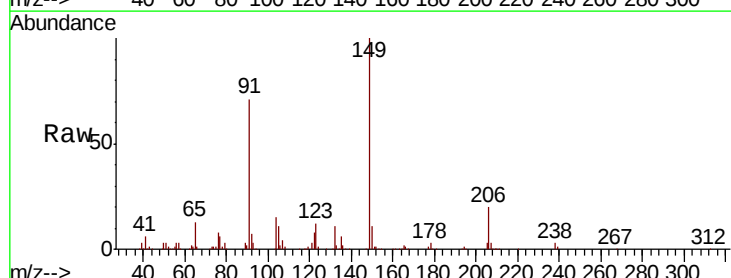
Tgt Ion:149 Resp: 352301

Ion Ratio Lower Upper

149 100

91 71.3 57.9 86.9

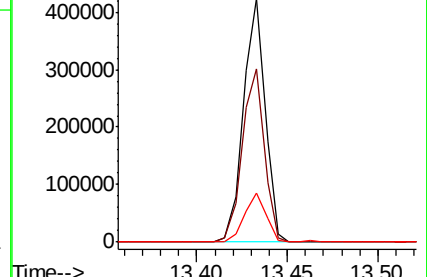
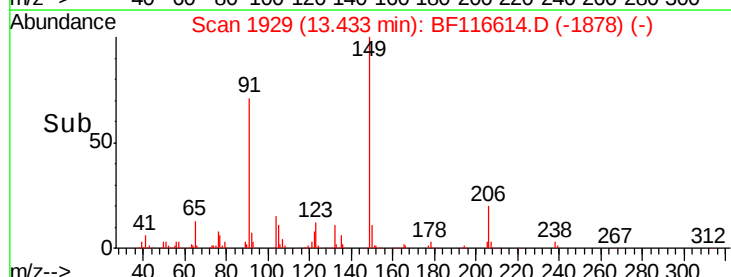
206 20.1 16.2 24.4

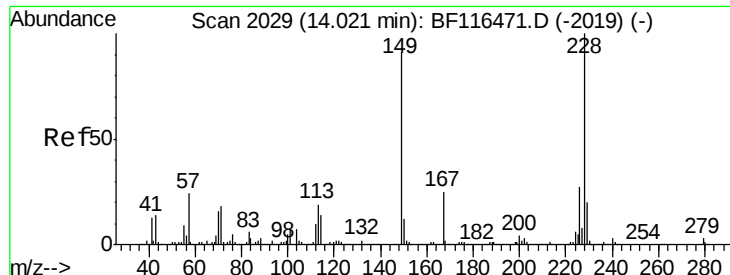


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.074 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampled :

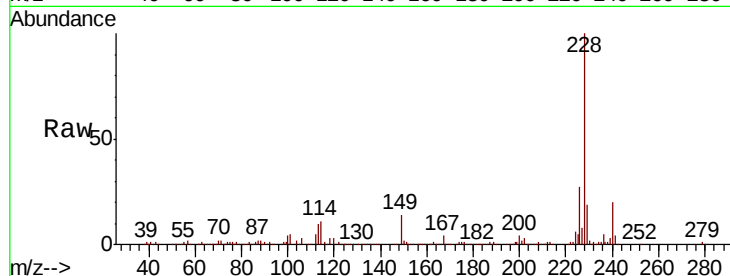
Tot Ion:228 Resp: 698234

Ion Ratio Lower Upper

228 100

226 26.9 21.5 32.3

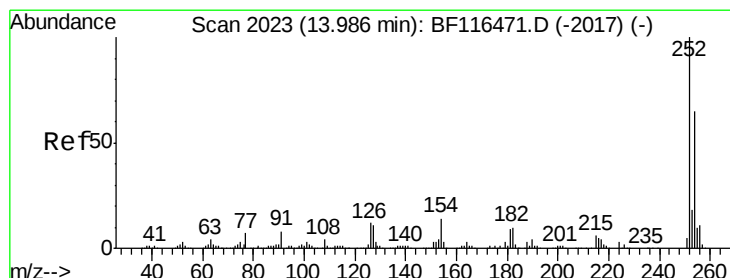
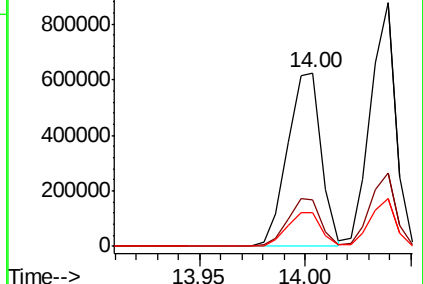
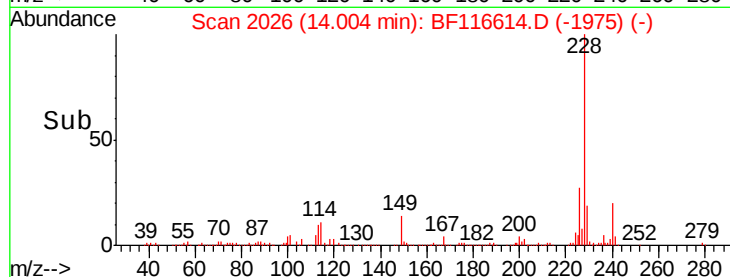
229 19.5 15.4 23.0



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: 27.314 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

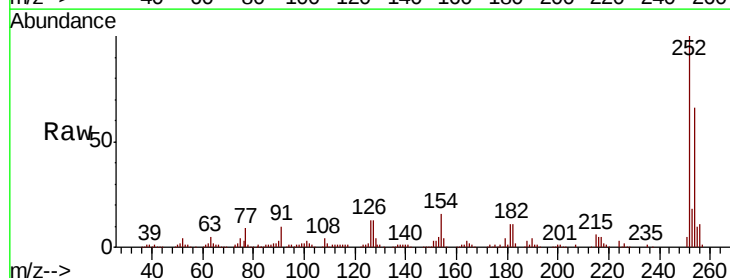
Tgt Ion:252 Resp: 167397

Ion Ratio Lower Upper

252 100

254 65.5 51.9 77.9

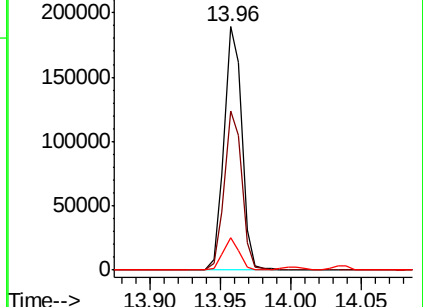
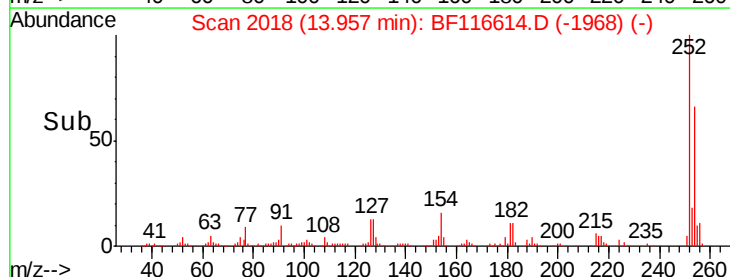
126 13.3 8.7 13.1#

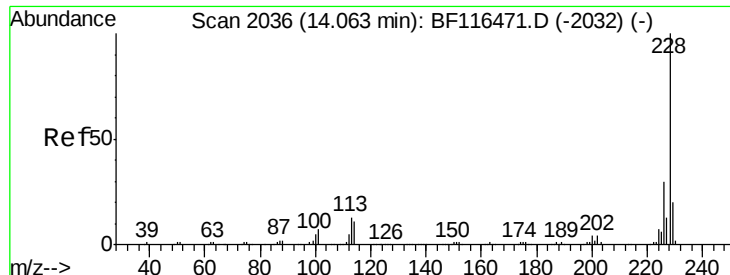


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.034 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

Instrument :

BNA_F

ClientSampled :

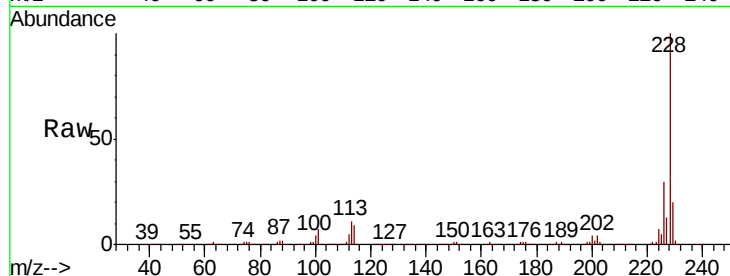
Tot Ion:228 Resp: 738119

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

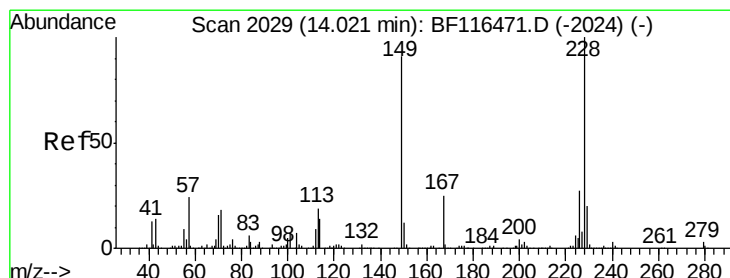
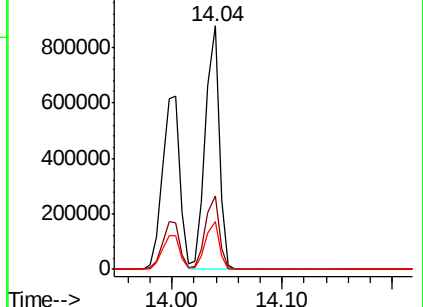
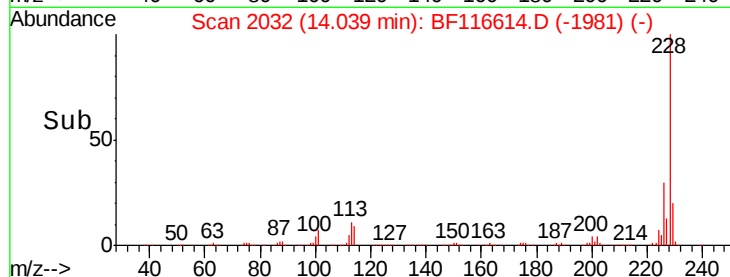
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.838 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF116614.D

Acq: 28 Aug 2019 14:51

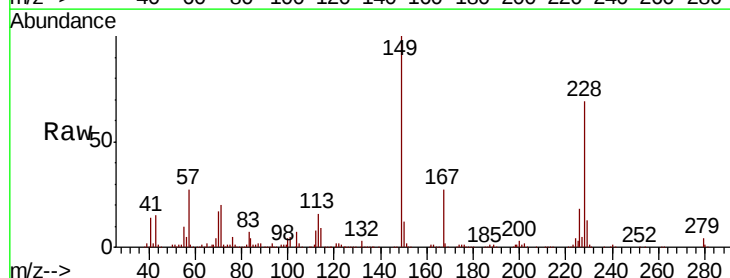
Tgt Ion:149 Resp: 470175

Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

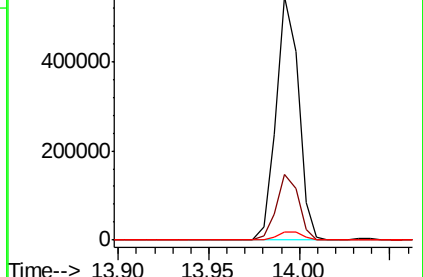
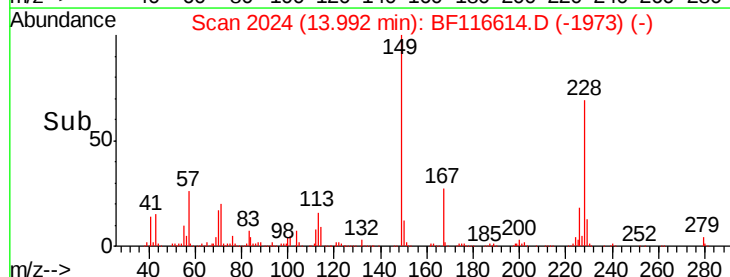
279 3.5 2.7 4.1

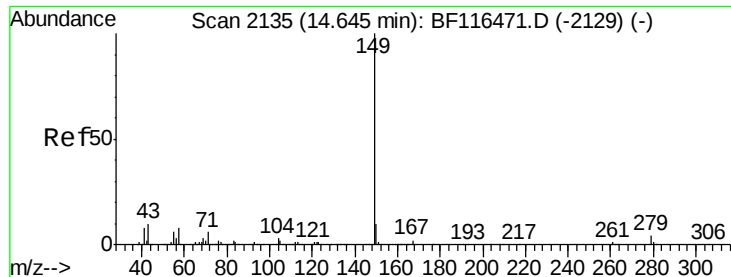


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

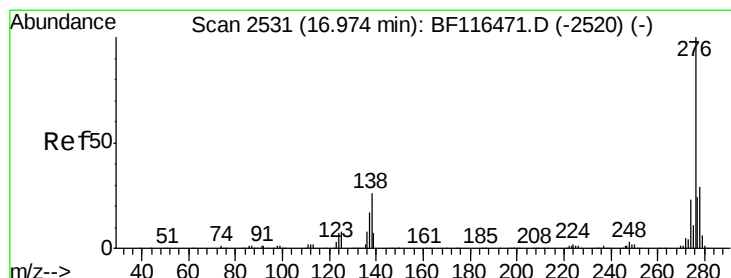
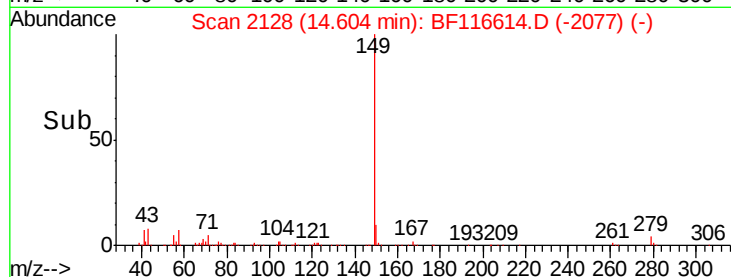
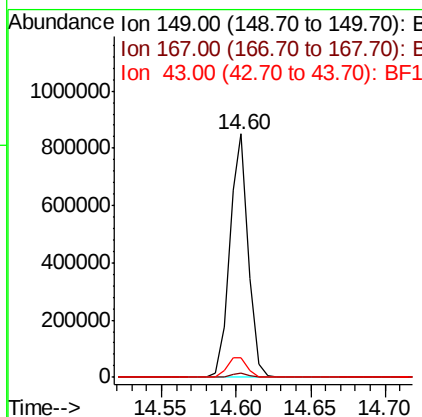
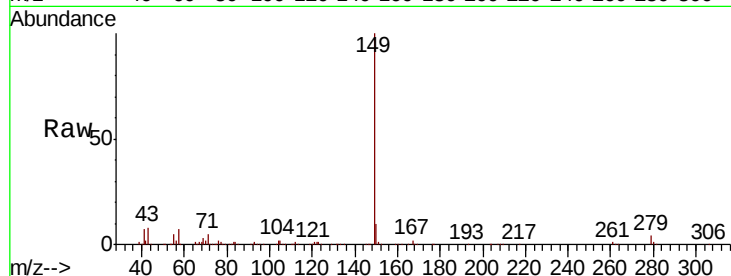




#85
Di-n-octyl phthalate
Concen: 43.094 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

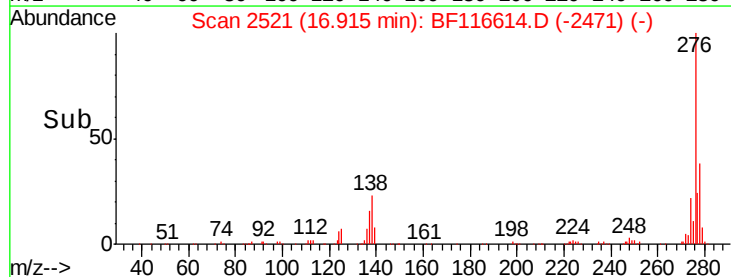
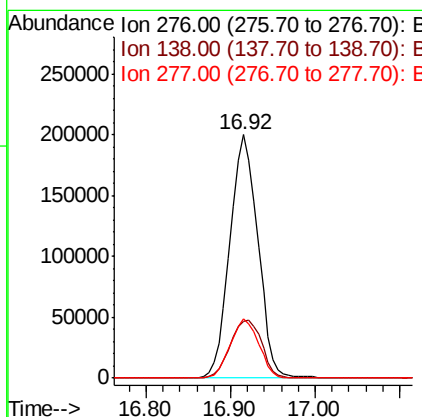
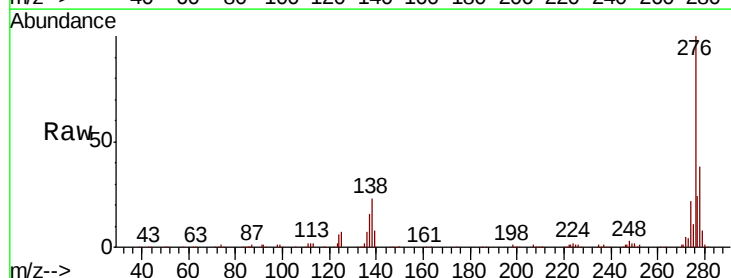
Instrument :
BNA_F
ClientSampleId :

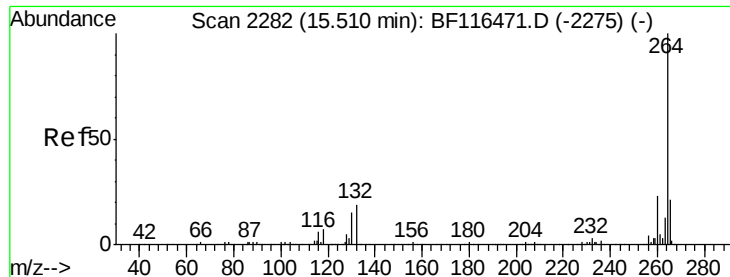
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.9	7.4	11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.321 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.5	32.3
277	24.9	20.0	30.0

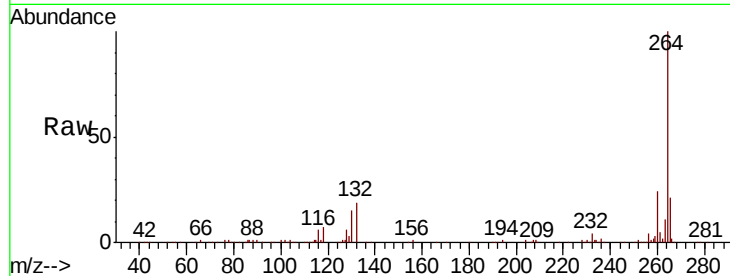




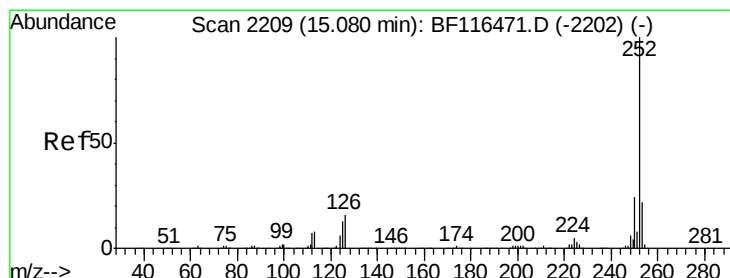
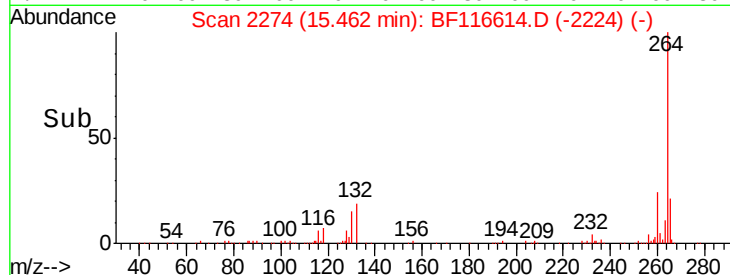
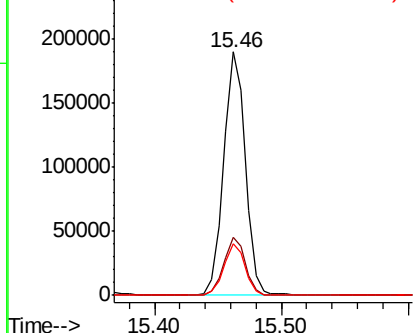
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 225822
Ion Ratio Lower Upper
264 100
260 24.1 20.0 30.0
265 21.0 17.6 26.4

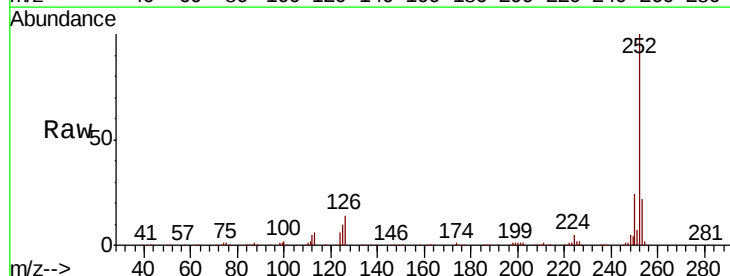


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

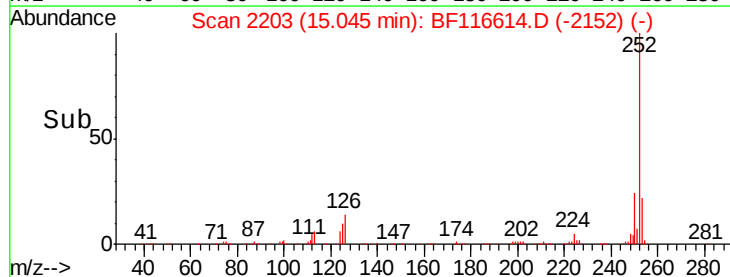
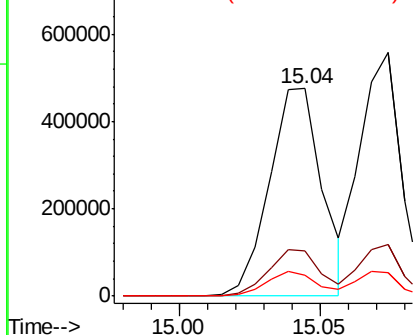


#88
Benzo(b)fluoranthene
Concen: 44.614 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:252 Resp: 618699
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.9 9.0 13.6



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

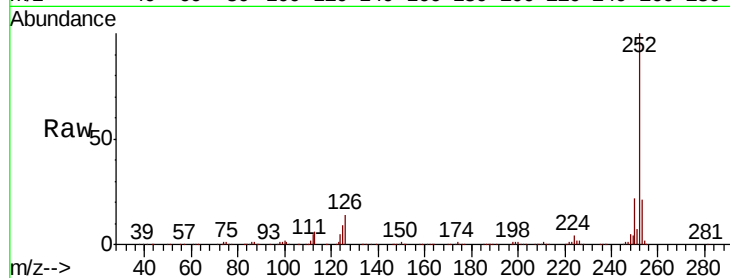




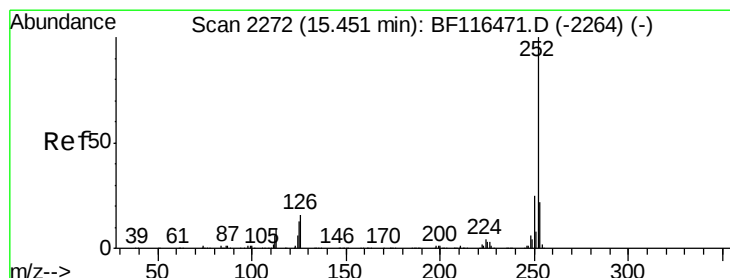
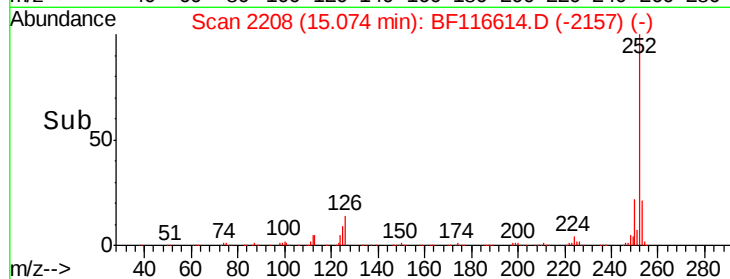
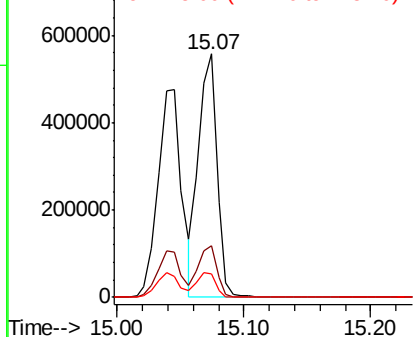
#89
Benzo(k)fluoranthene
Concen: 42.687 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 562703
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 9.5 8.6 13.0

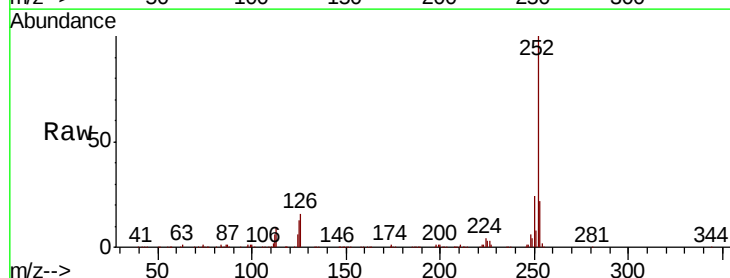


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

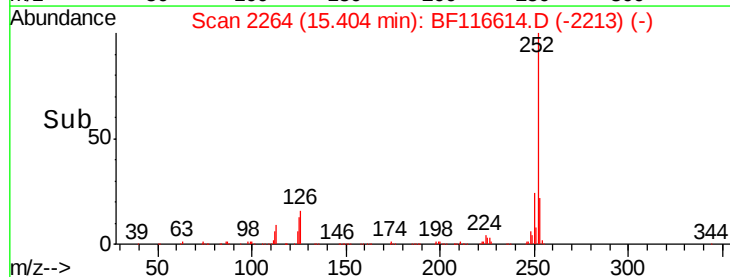
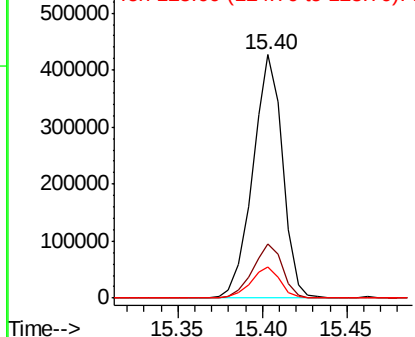


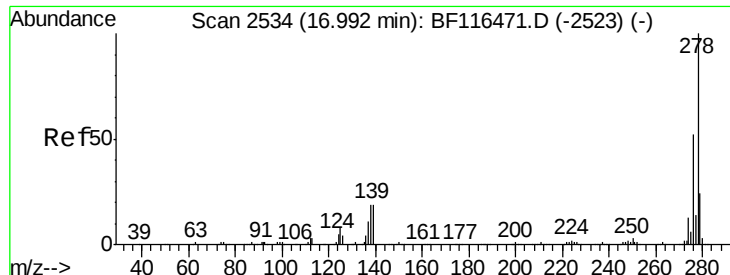
#90
Benzo(a)pyrene
Concen: 42.322 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion:252 Resp: 523814
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 12.9 10.6 16.0



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

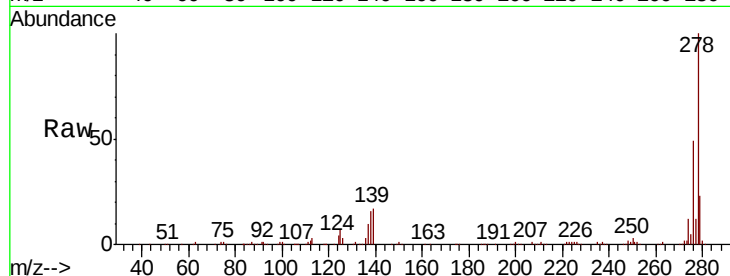




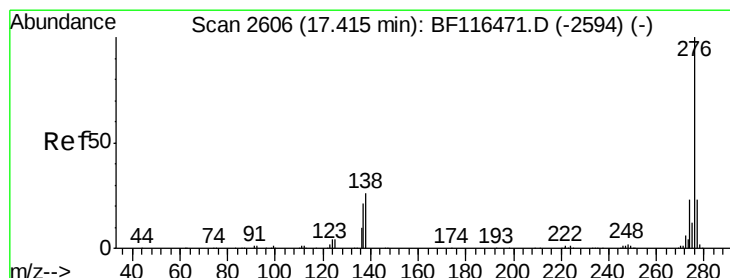
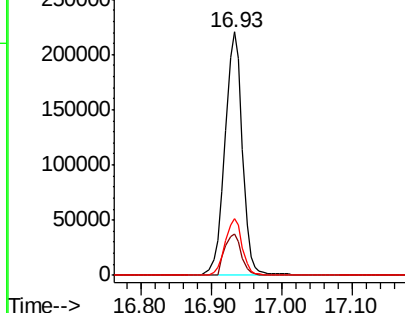
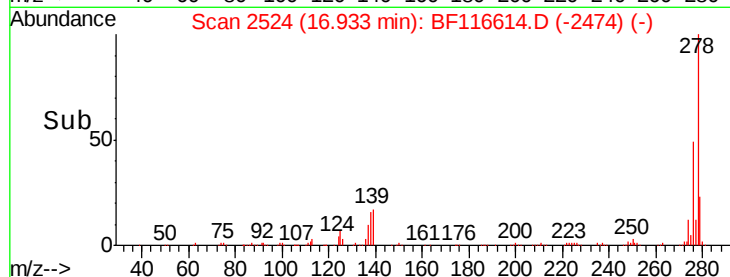
#91
Dibenzo(a,h)anthracene
Concen: 33.049 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.1	21.1
279	23.1	19.5	29.3

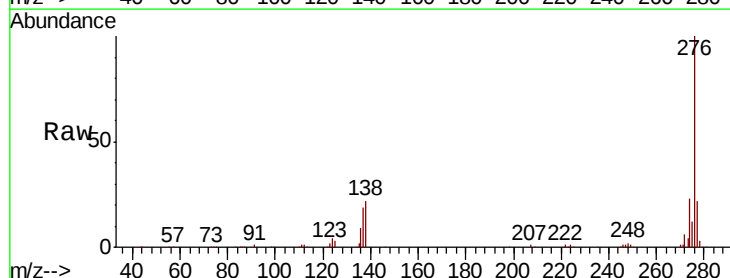


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 31.619 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF116614.D
Acq: 28 Aug 2019 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.0	28.4
138	22.4	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

