

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114968.D
 Acq On : 12 Jun 2019 10:49
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 12:48:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 12:22:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	249641	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1024838	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	494088	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	960249	20.00	ng	0.00
76) Chrysene-d12	13.77	240	653710	20.00	ng	0.00
87) Perylene-d12	15.15	264	682695	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	655939	44.47	ng	0.00
7) Phenol-d6	6.29	99	797087	44.80	ng	-0.01
23) Nitrobenzene-d5	7.21	82	710266	42.58	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	231090	43.00	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	1405644	45.15	ng	0.00
79) Terphenyl-d14	12.73	244	1372109	41.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	141044	20.150	ng	99
3) Pyridine	2.96	79	405731	20.823	ng	98
4) n-Nitrosodimethylamine	2.89	42	140133	20.023	ng	99
6) Aniline	6.31	93	532757	22.106	ng	# 76
8) 2-Chlorophenol	6.43	128	367721	21.843	ng	97
9) Benzaldehyde	6.19	77	255806	22.464	ng	96
10) Phenol	6.30	94	446199	22.490	ng	96
11) bis(2-Chloroethyl)ether	6.39	93	325440	20.582	ng	98
12) 1,3-Dichlorobenzene	6.59	146	426663	21.837	ng	98
13) 1,4-Dichlorobenzene	6.66	146	429920	21.943	ng	98
14) 1,2-Dichlorobenzene	6.82	146	405821	22.820	ng	98
15) Benzyl Alcohol	6.79	79	290125	22.598	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	449153	20.655	ng	96
17) 2-Methylphenol	6.91	107	296570	21.039	ng	98
18) Hexachloroethane	7.16	117	151359	20.963	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	232295	20.879	ng	95
20) 3+4-Methylphenols	7.07	107	369287	23.398	ng	94
22) Acetophenone	7.06	105	495613	21.604	ng	96
24) Nitrobenzene	7.23	77	363825	20.968	ng	92
25) Isophorone	7.47	82	644338	19.727	ng	97
26) 2-Nitrophenol	7.55	139	195373	20.267	ng	98
27) 2,4-Dimethylphenol	7.59	122	290940	20.625	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	426384	20.407	ng	99
29) 2,4-Dichlorophenol	7.79	162	309958	20.982	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	358134	21.125	ng	99
31) Naphthalene	7.95	128	1080146	22.874	ng	98
32) Benzoic acid	7.70	122	180227	17.104	ng	98
33) 4-Chloroaniline	8.00	127	476173	21.368	ng	96
34) Hexachlorobutadiene	8.08	225	199267	20.956	ng	98
35) Caprolactam	8.36	113	100062	20.108	ng	98
36) 4-Chloro-3-methylphenol	8.49	107	310670	20.706	ng	96
37) 2-Methylnaphthalene	8.64	142	716502	22.328	ng	99
38) 1-Methylnaphthalene	8.74	142	675784	22.267	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	322926	22.732	ng	98

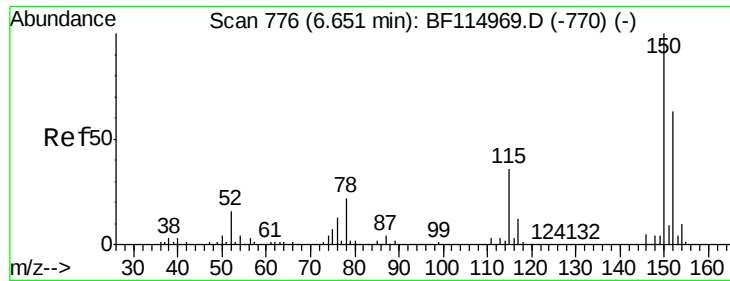
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	138715	17.179	nq	99
43) 2,4,6-Trichlorophenol	8.92	196	225082	20.866	nq	98
44) 2,4,5-Trichlorophenol	8.96	196	234002	21.039	nq	99
46) 1,1'-Biphenyl	9.10	154	866625	23.445	nq	98
47) 2-Chloronaphthalene	9.13	162	706668	22.647	nq	98
48) 2-Nitroaniline	9.22	65	195733	20.607	nq	99
49) Acenaphthylene	9.54	152	1083531	23.564	nq	97
50) Dimethylphthalate	9.41	163	789762	21.267	nq	98
51) 2,6-Dinitrotoluene	9.46	165	175355	20.559	nq #	87
52) Acenaphthene	9.71	154	638925	22.935	nq	98
53) 3-Nitroaniline	9.63	138	213630	20.858	nq	96
54) 2,4-Dinitrophenol	9.74	184	69195	16.391	nq	97
55) Dibenzofuran	9.88	168	939589	23.627	nq	97
56) 4-Nitrophenol	9.80	139	143809	19.701	nq	91
57) 2,4-Dinitrotoluene	9.86	165	233439	21.652	nq	94
58) Fluorene	10.22	166	691521	22.559	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	192506	21.410	nq	98
60) Diethylphthalate	10.10	149	766822	21.246	nq	98
61) 4-Chlorophenyl-phenylether	10.22	204	342117	22.293	nq	99
62) 4-Nitroaniline	10.23	138	213922	20.380	nq	98
63) Azobenzene	10.37	77	674920	21.484	nq	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	101031	18.761	nq	88
66) n-Nitrosodiphenylamine	10.33	169	633590	22.209	nq	99
67) 4-Bromophenyl-phenylether	10.70	248	223622	21.500	nq	97
68) Hexachlorobenzene	10.77	284	246075	21.424	nq #	91
69) Atrazine	10.86	200	204757	21.300	nq	99
70) Pentachlorophenol	10.96	266	122347	18.995	nq	99
71) Phenanthrene	11.17	178	1091691	23.433	nq	98
72) Anthracene	11.23	178	1108297	23.438	nq	99
73) Carbazole	11.38	167	984856	22.876	nq	97
74) Di-n-butylphthalate	11.73	149	1192908	22.420	nq	98
75) Fluoranthene	12.36	202	1113819	23.114	nq	99
77) Benzidine	12.48	184	582376	20.357	nq	97
78) Pyrene	12.58	202	1136733	19.966	nq	98
80) Butylbenzylphthalate	13.21	149	503116	17.938	nq	96
81) Benzo(a)anthracene	13.76	228	986016	20.399	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	391804	19.858	nq #	97
83) Chrysene	13.80	228	972820	20.042	nq	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	632677	19.260	nq	98
85) Di-n-octyl phthalate	14.38	149	1111148	18.517	nq	100
86) Indeno(1,2,3-cd)pyrene	16.45	276	777691	17.043	nq	99
88) Benzo(b)fluoranthene	14.77	252	903585	20.330	nq	100
89) Benzo(k)fluoranthene	14.80	252	886218	22.976	nq	100
90) Benzo(a)pyrene	15.09	252	812659	21.051	nq	100
91) Dibenzo(a,h)anthracene	16.47	278	637062	19.536	nq	97
92) Benzo(g,h,i)perylene	16.84	276	606724	18.666	nq	99

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

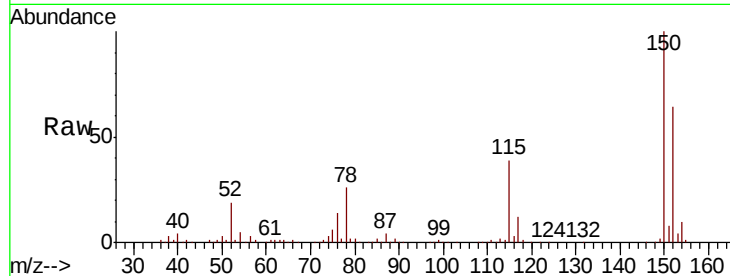


#1

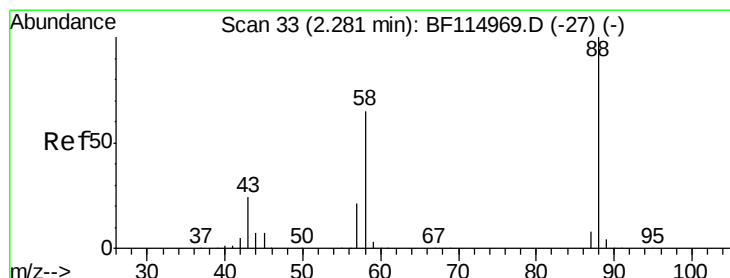
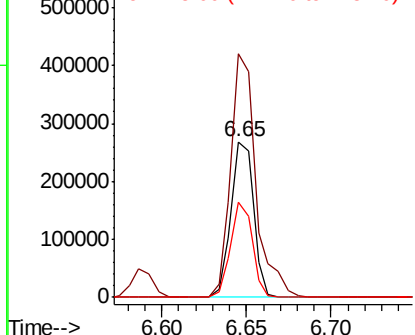
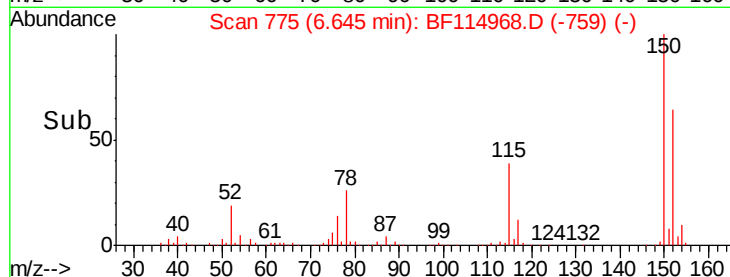
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 249641
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.0
115 61.2 46.0 69.0



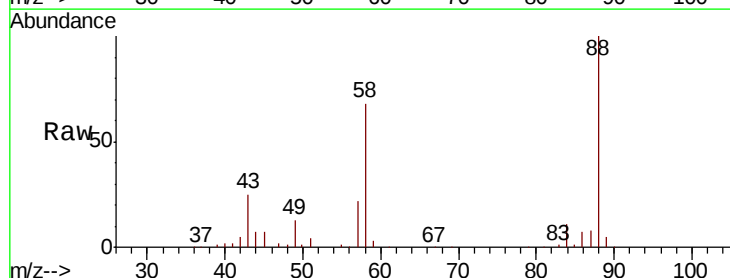
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



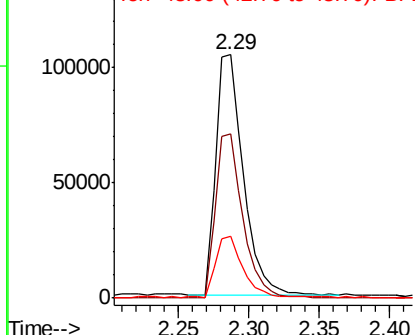
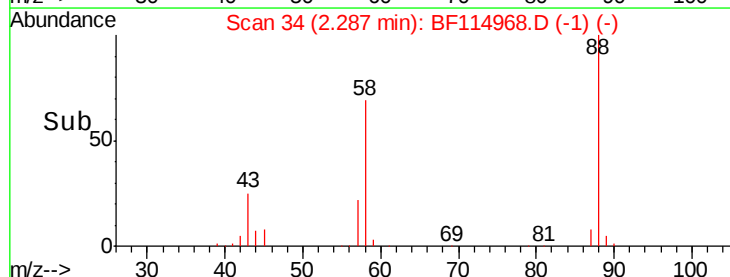
#2

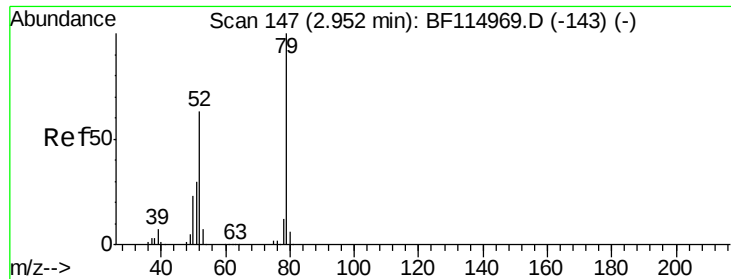
1,4-Dioxane
Concen: 20.150 ng
RT: 2.29 min Scan# 34
Delta R.T. 0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion: 88 Resp: 141044
Ion Ratio Lower Upper
88 100
58 67.9 53.4 80.2
43 24.7 19.7 29.5



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: 20.823 ng

RT: 2.96 min Scan# 149

Delta R.T. 0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampled :

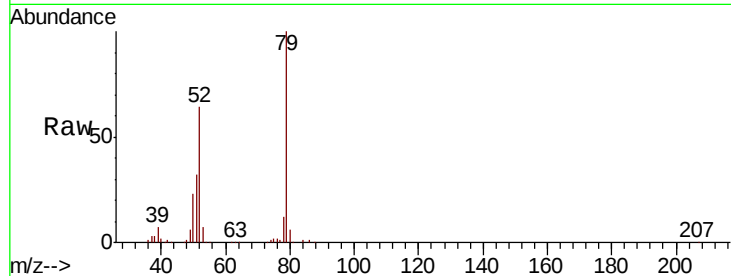
Tot Ion: 79 Resp: 405731

Ion Ratio Lower Upper

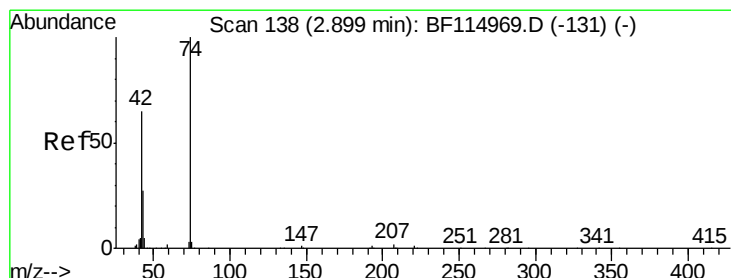
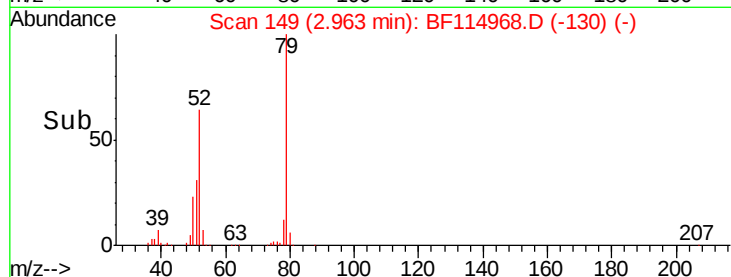
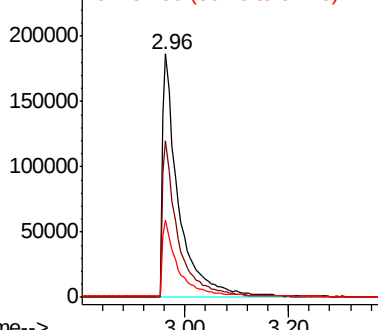
79 100

52 64.2 50.3 75.5

51 31.7 24.4 36.6



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



#4

n-Nitrosodimethylamine

Concen: 20.023 ng

RT: 2.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

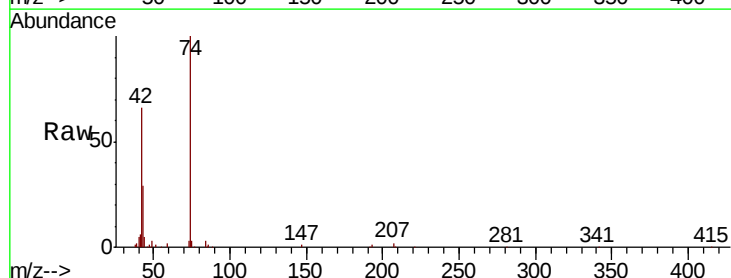
Tgt Ion: 42 Resp: 140133

Ion Ratio Lower Upper

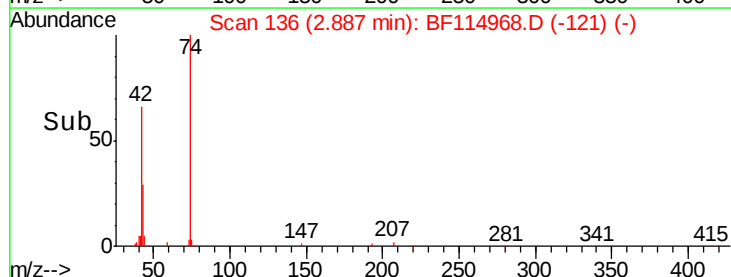
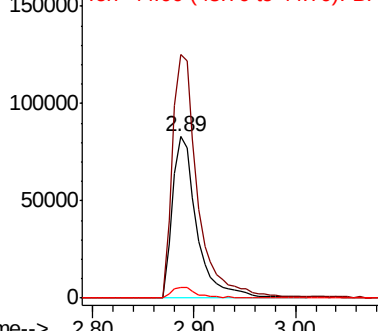
42 100

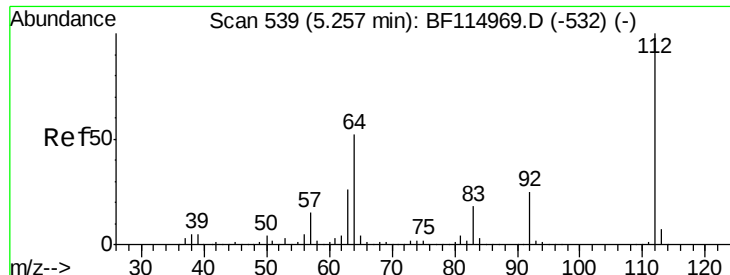
74 151.0 122.2 183.2

44 7.0 5.8 8.8



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





#5

2-Fluorophenol

Concen: 44.469 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

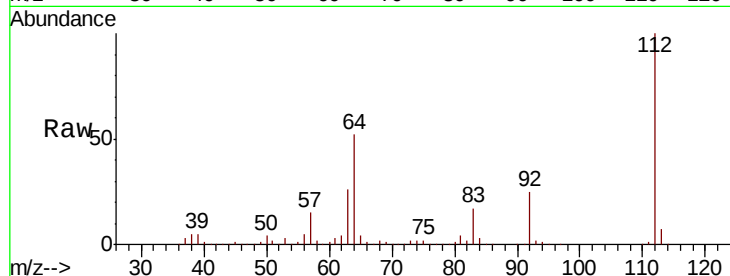
Tot Ion:112 Resp: 655939

Ion Ratio Lower Upper

112 100

64 51.7 41.6 62.4

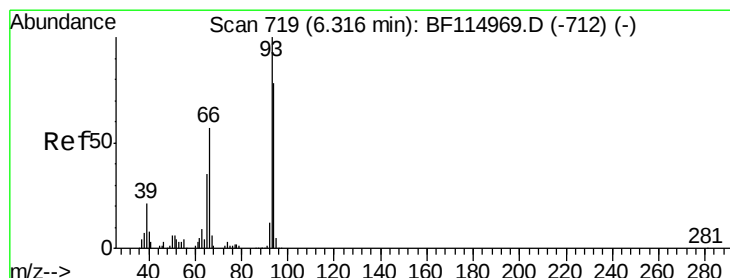
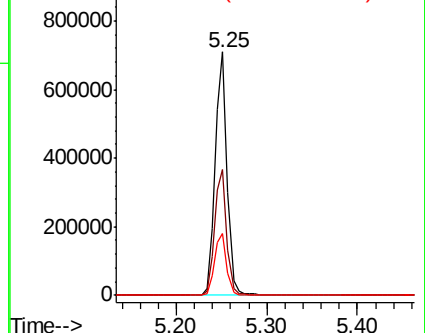
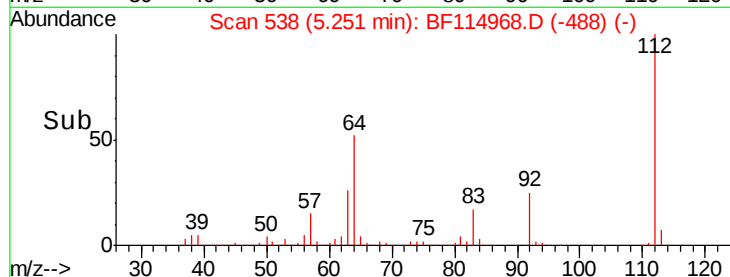
63 25.6 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.106 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

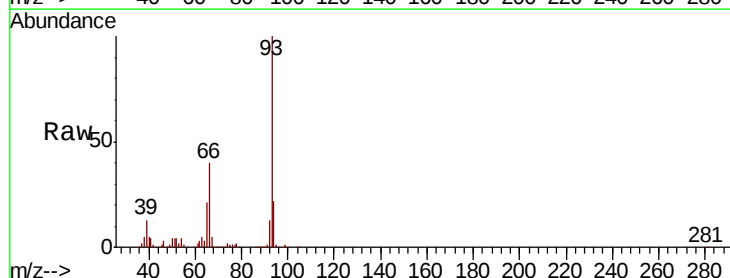
Tgt Ion: 93 Resp: 532757

Ion Ratio Lower Upper

93 100

66 40.2 46.2 69.2#

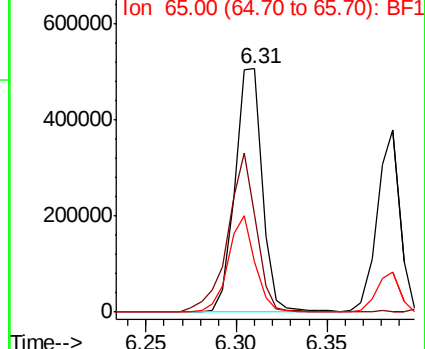
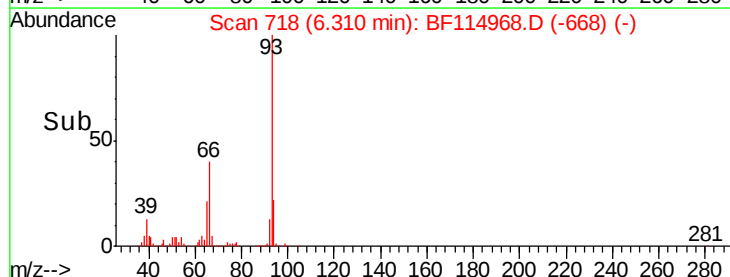
65 20.9 27.7 41.5#

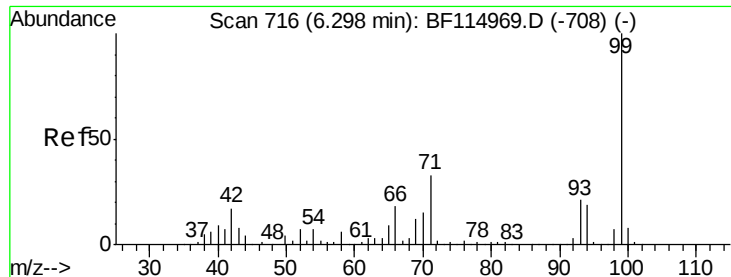


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 44.800 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

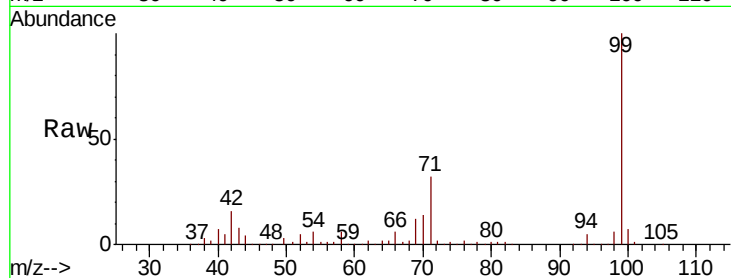
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 797087

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.4	20.2
71	31.6	26.4	39.6

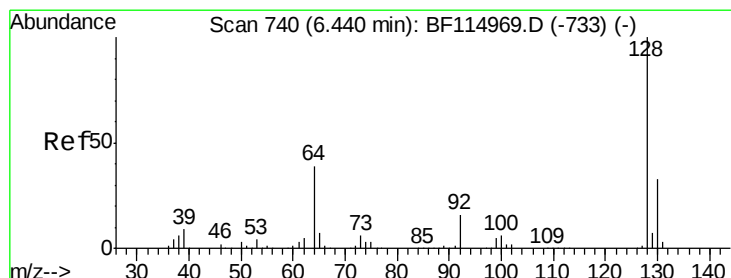
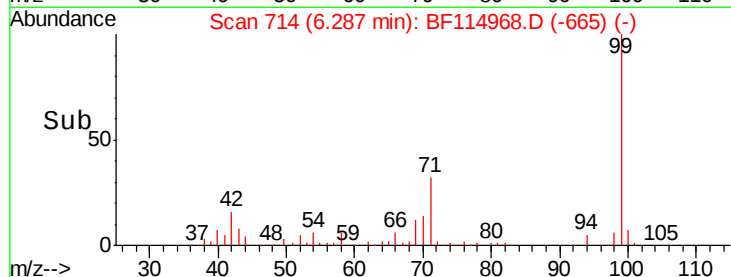
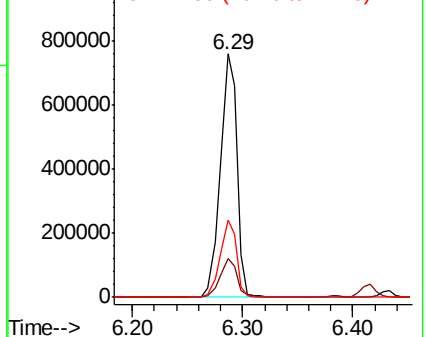


Abundance

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: 21.843 ng

RT: 6.43 min Scan# 739

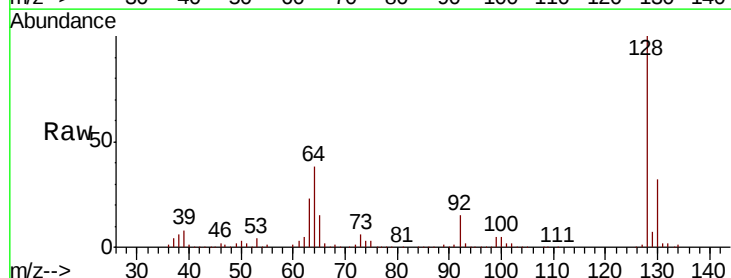
Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Tgt Ion: 128 Resp: 367721

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.4	53.4
64	38.3	20.1	60.1

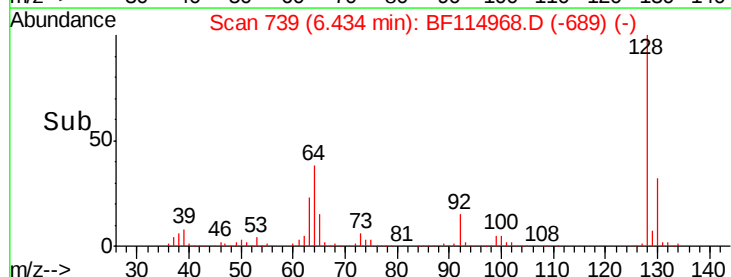
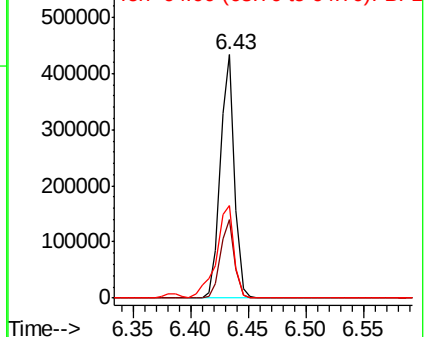


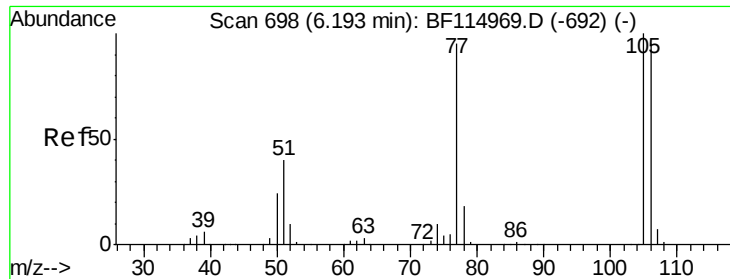
Abundance

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: 22.464 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

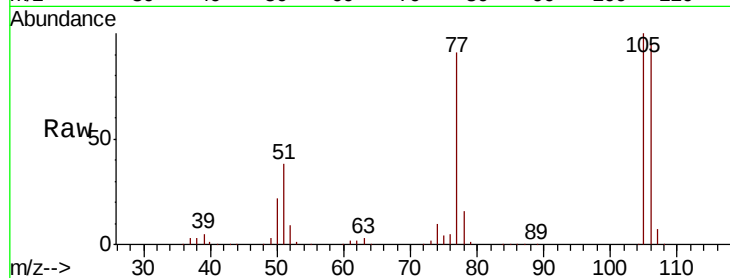
Tot Ion: 77 Resp: 255806

Ion Ratio Lower Upper

77 100

105 109.4 85.1 125.1

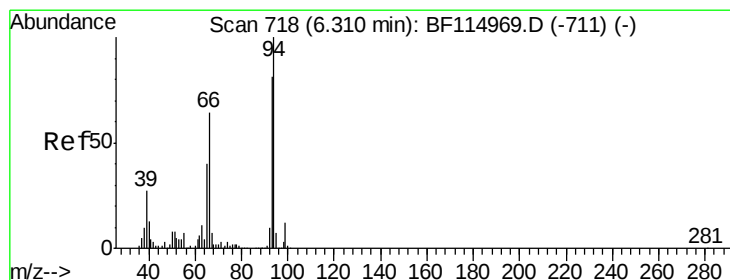
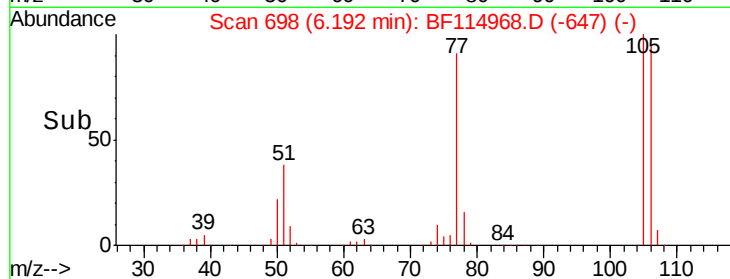
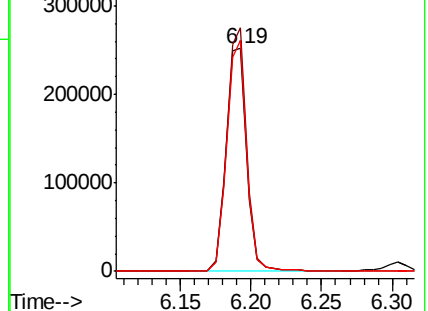
106 103.7 80.0 120.0



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: 22.490 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

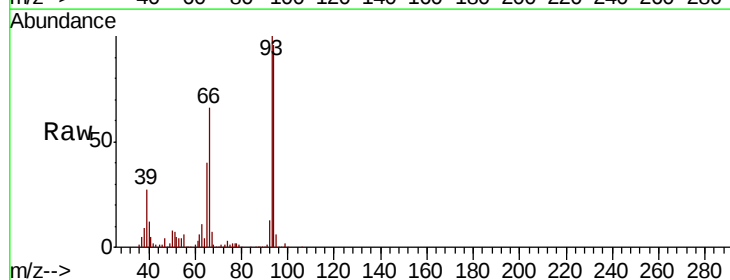
Tgt Ion: 94 Resp: 446199

Ion Ratio Lower Upper

94 100

65 41.4 20.0 60.0

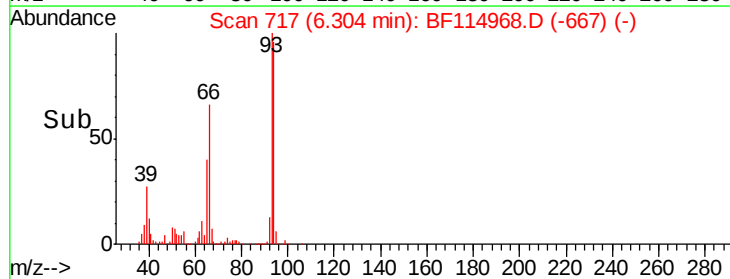
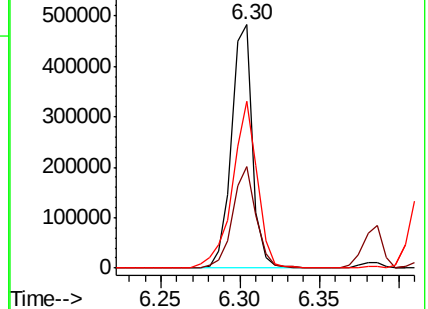
66 68.6 44.1 84.1

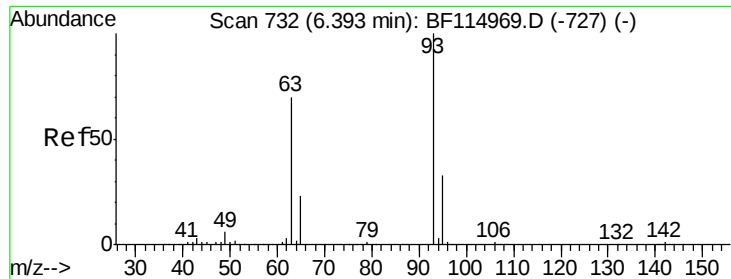


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

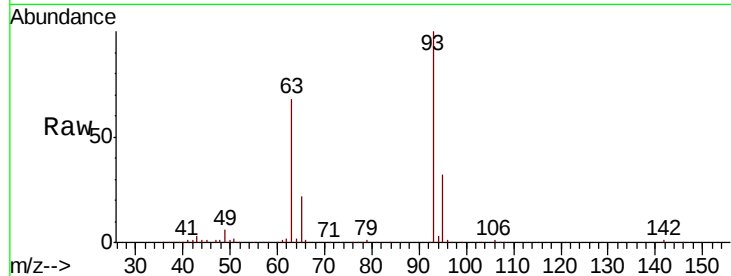




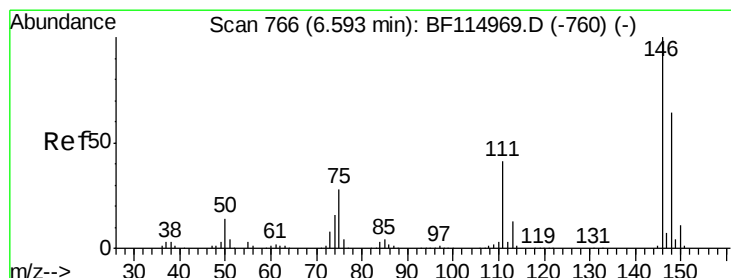
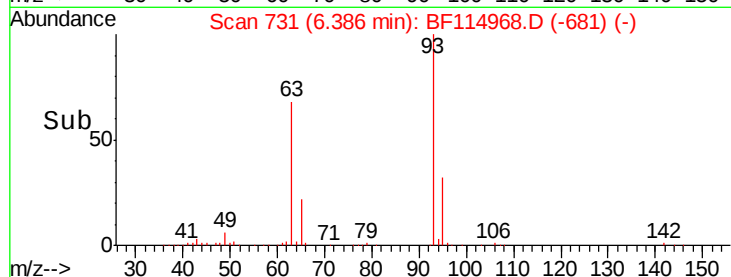
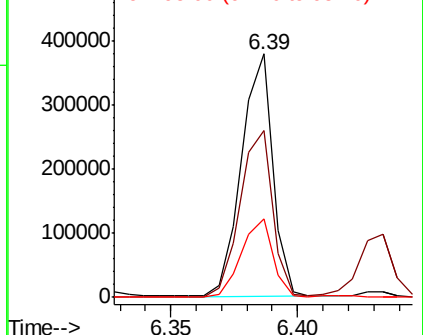
#11
bis(2-Chloroethyl)ether
Concen: 20.582 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 325440
Ion Ratio Lower Upper
93 100
63 68.3 49.8 89.8
95 32.2 13.3 53.3

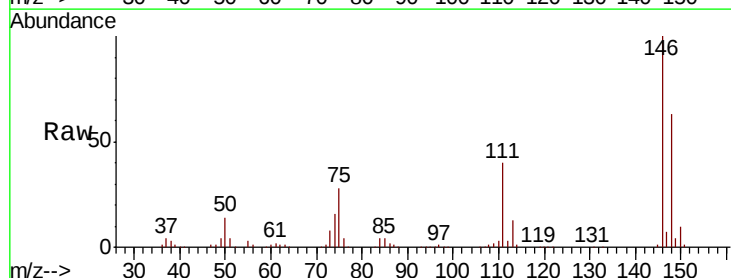


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

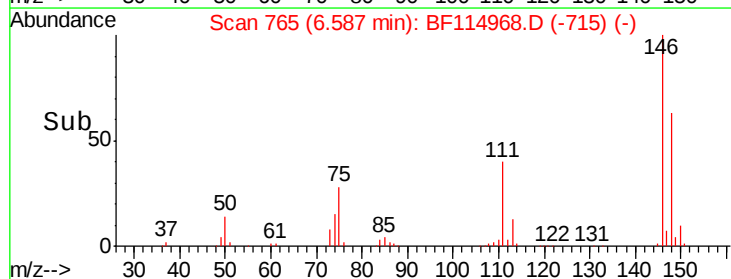
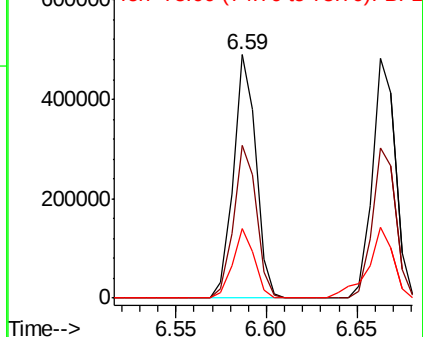


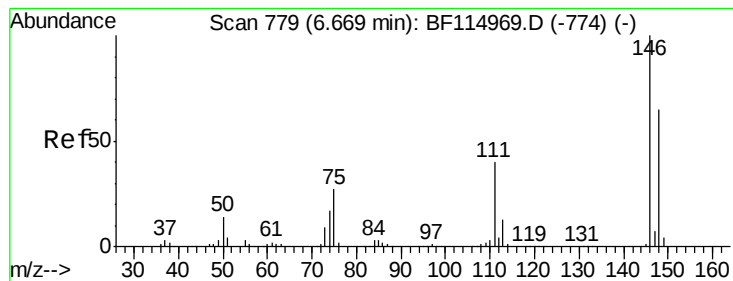
#12
1,3-Dichlorobenzene
Concen: 21.837 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion: 146 Resp: 426663
Ion Ratio Lower Upper
146 100
148 63.0 51.6 77.4
75 28.5 22.3 33.5



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: 21.943 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampled :

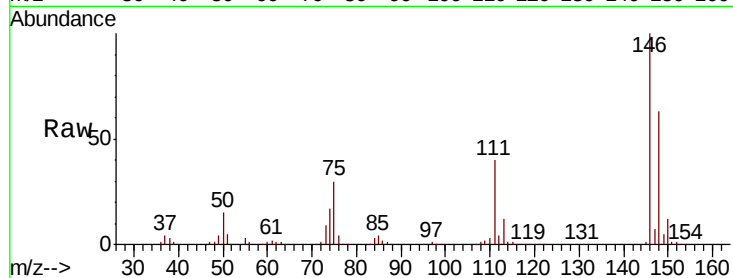
Tot Ion:146 Resp: 429920

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

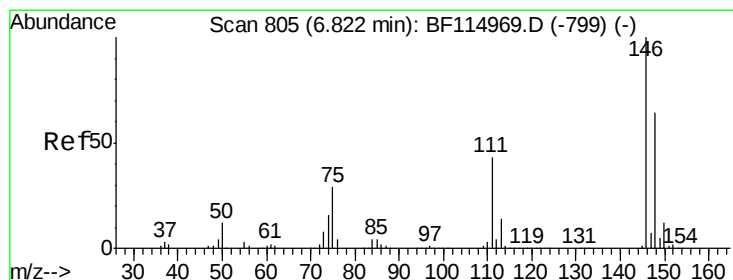
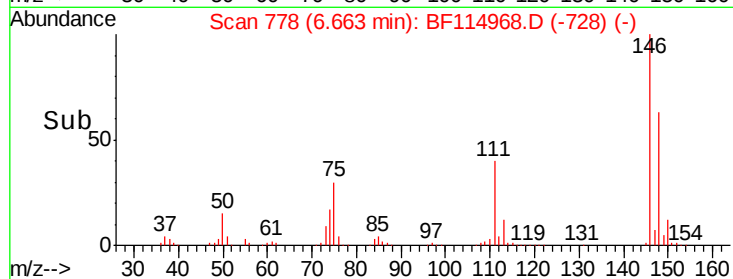
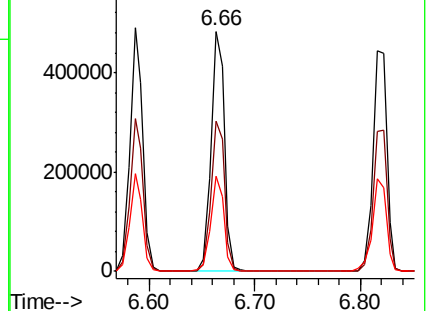
111 39.9 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 22.820 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

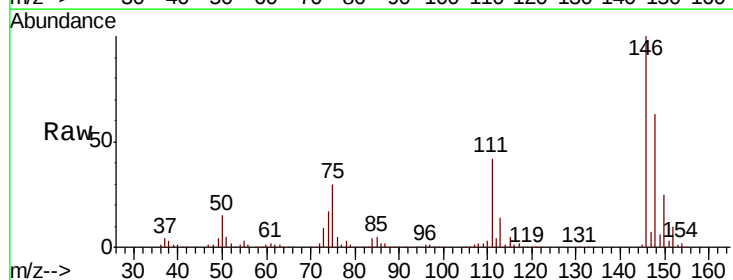
Tgt Ion:146 Resp: 405821

Ion Ratio Lower Upper

146 100

148 63.2 51.5 77.3

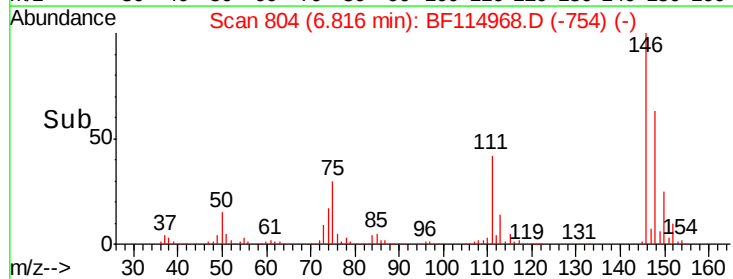
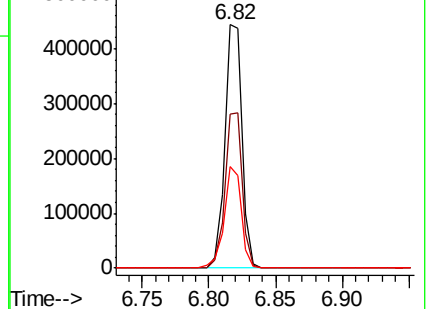
111 41.9 34.6 51.8

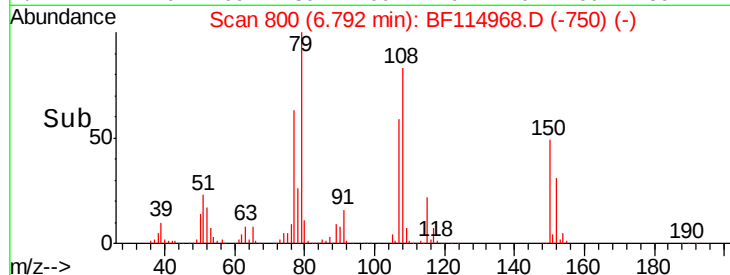
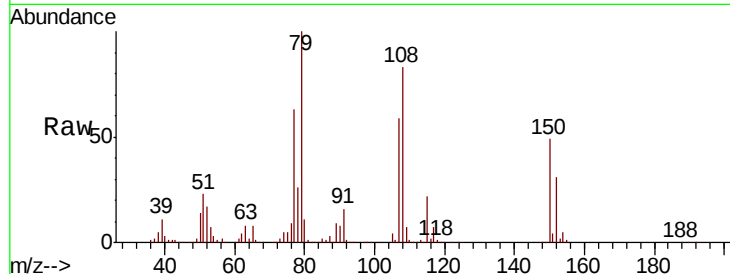
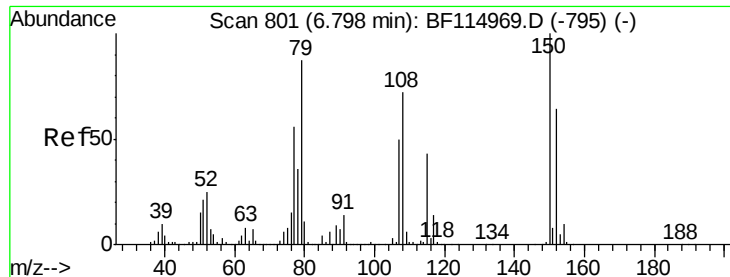


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

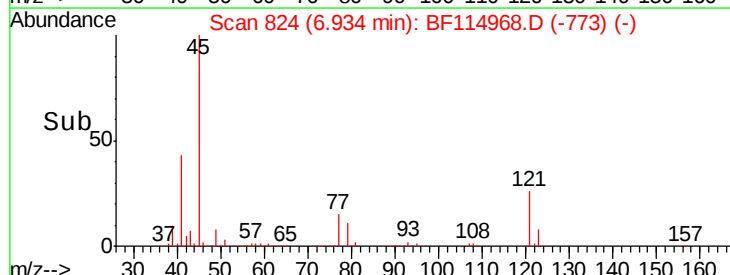
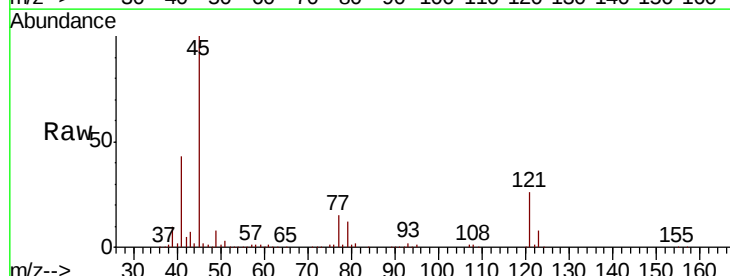
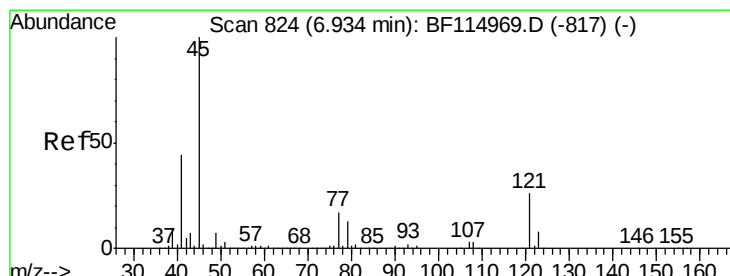
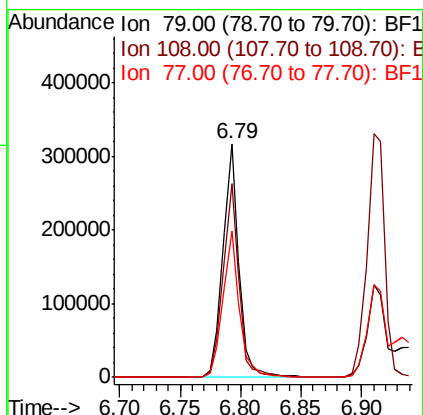




#15
Benzyl Alcohol
Concen: 22.598 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

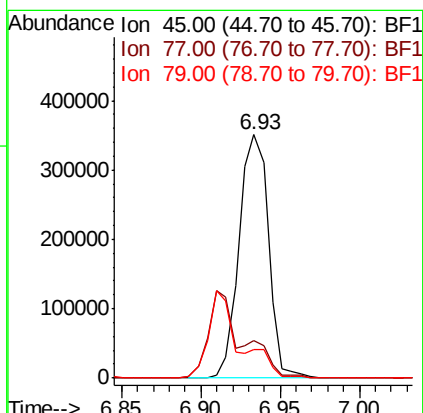
Instrument :
BNA_F
ClientSampled :

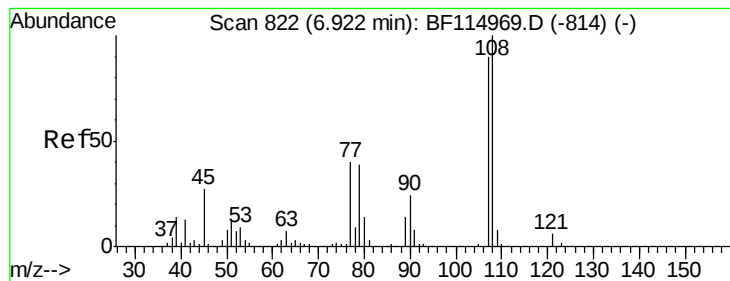
Tot Ion: 79 Resp: 290125
Ion Ratio Lower Upper
79 100
108 82.8 66.0 99.0
77 62.7 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.655 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion: 45 Resp: 449153
Ion Ratio Lower Upper
45 100
77 15.4 0.0 37.0
79 11.6 0.0 33.1





#17

2-Methylphenol

Concen: 21.039 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 296570

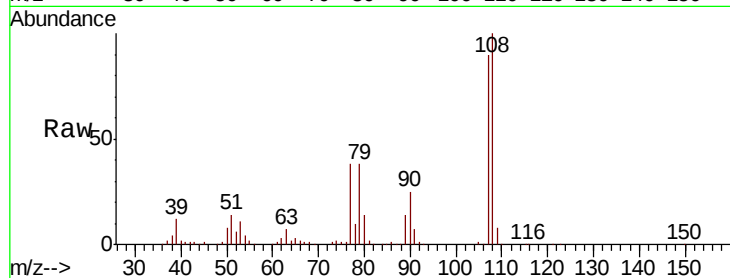
Ion Ratio Lower Upper

107 100

108 110.8 89.3 133.9

77 42.2 35.4 53.2

79 42.4 34.9 52.3

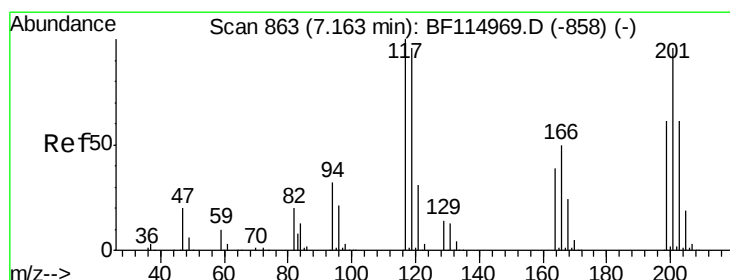
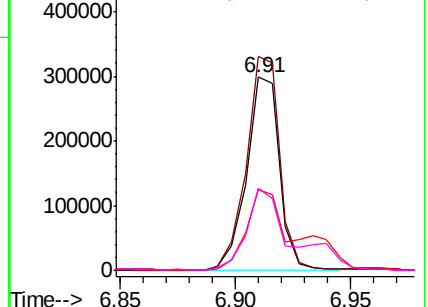
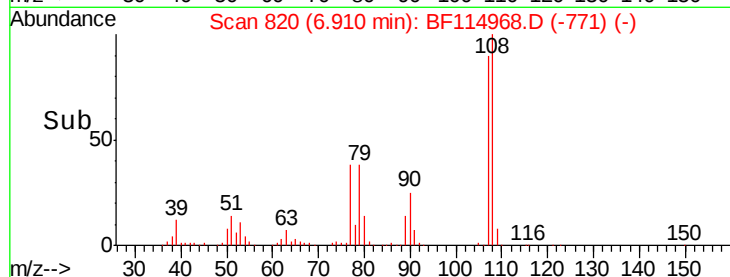


Abundance Ion 107.00 (106.70 to 107.70): E

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: 20.963 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

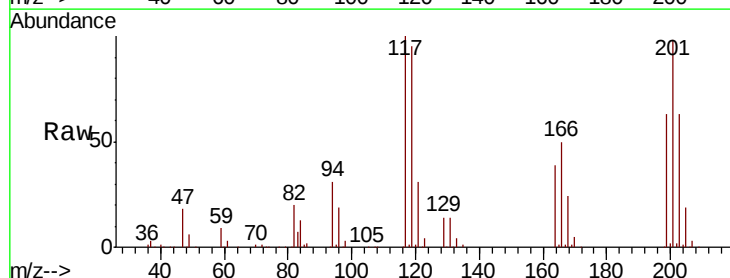
Tgt Ion:117 Resp: 151359

Ion Ratio Lower Upper

117 100

119 94.9 77.0 115.4

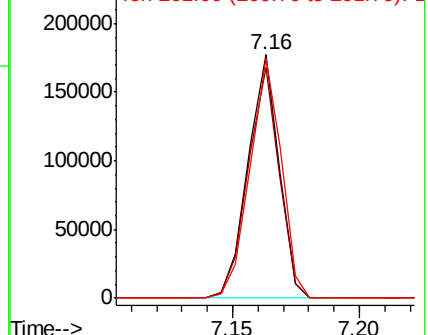
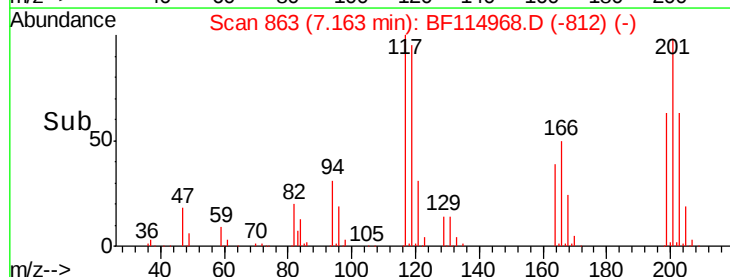
201 98.3 76.6 115.0

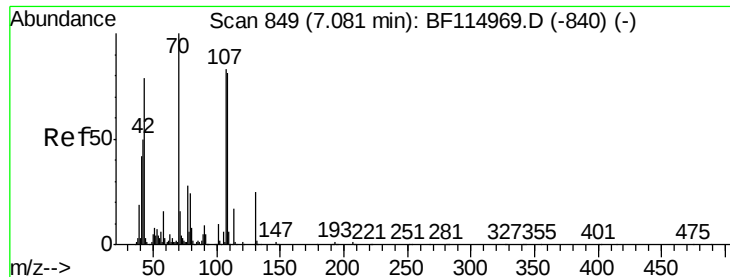


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

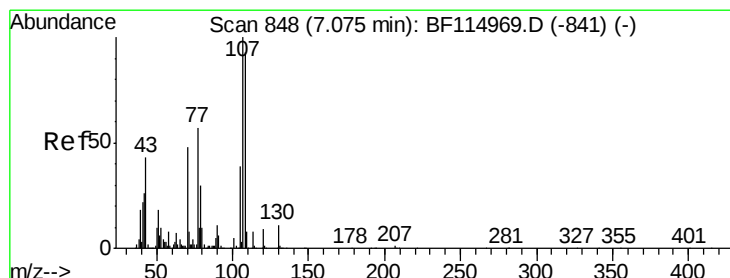
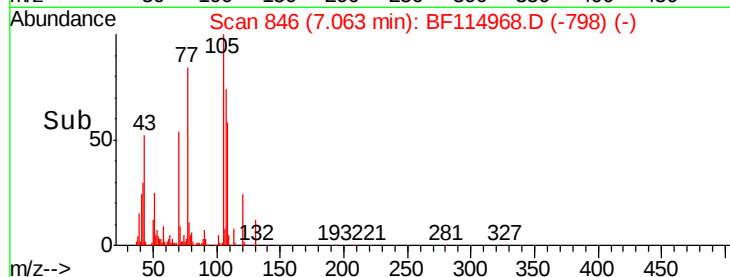
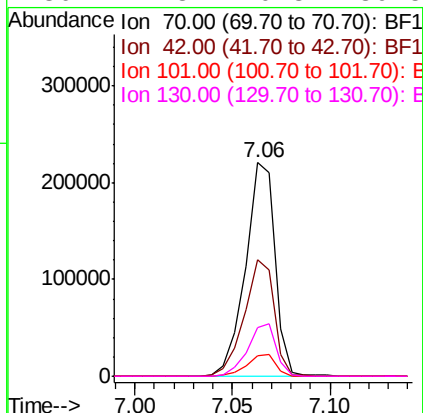
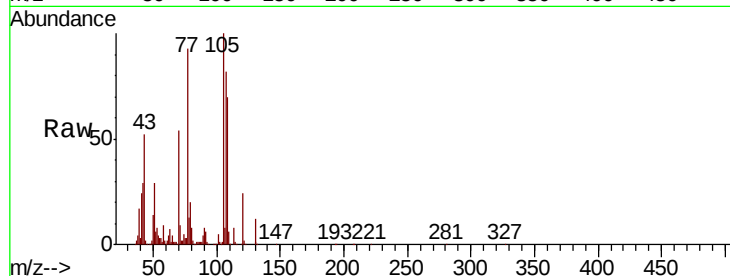




#19
n-Nitroso-di-n-propylamine
Concen: 20.879 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

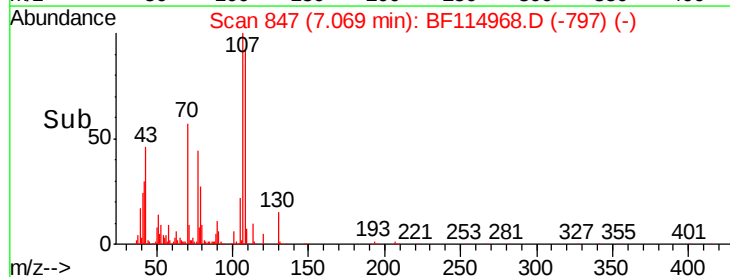
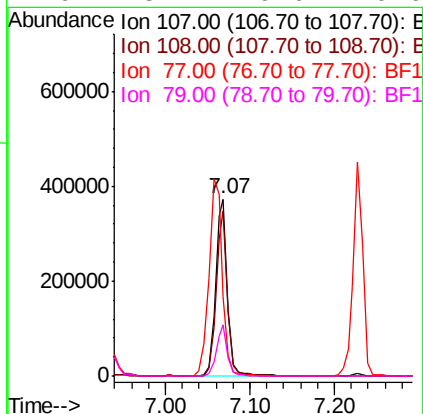
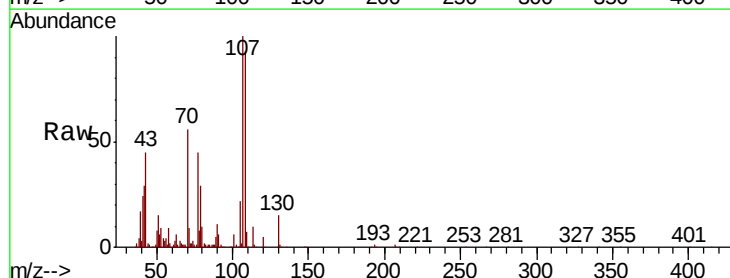
Instrument :
BNA_F
ClientSampleId :

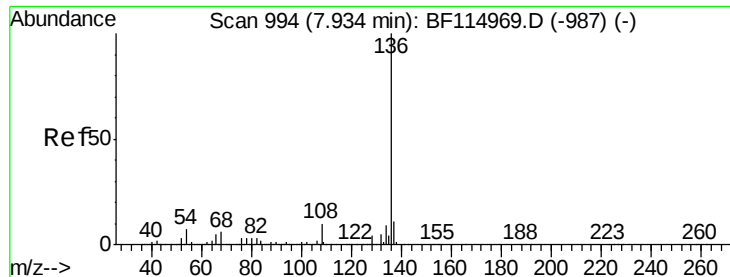
Tot Ion:	70	Resp:	232295
Ion	Ratio	Lower	Upper
70	100		
42	54.8	40.3	60.5
101	9.7	8.2	12.4
130	22.8	20.3	30.5



#20
3+4-Methylphenols
Concen: 23.398 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:	107	Resp:	369287
Ion	Ratio	Lower	Upper
107	100		
108	93.1	73.1	113.1
77	44.6	37.3	77.3
79	28.7	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1024838

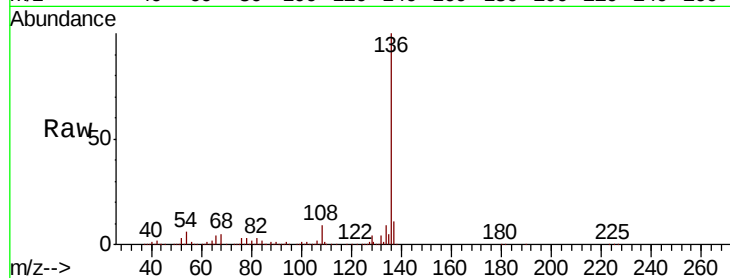
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 5.7 5.4 8.0

68 5.2 4.6 7.0

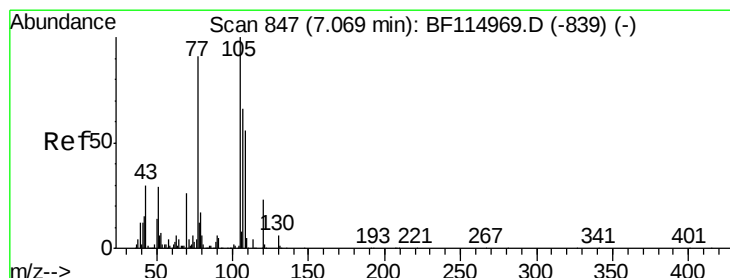
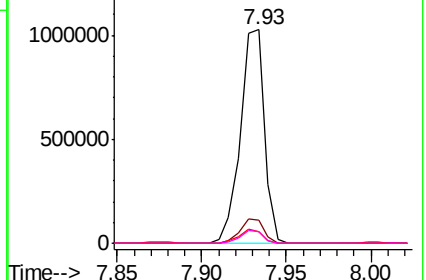
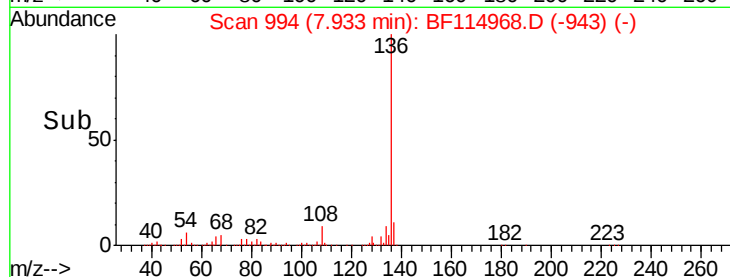


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 21.604 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Tgt Ion:105 Resp: 495613

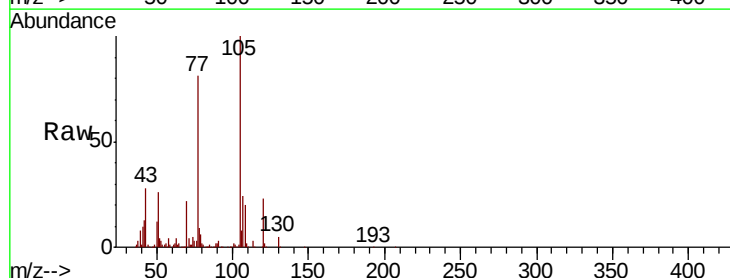
Ion Ratio Lower Upper

105 100

71 3.6 3.4 5.2

51 25.7 23.3 34.9

120 22.9 18.8 28.2

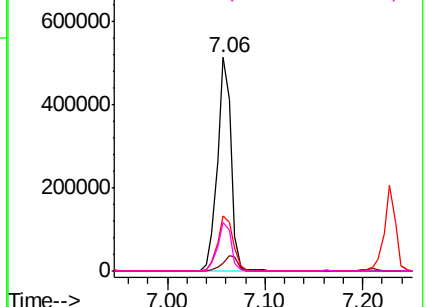
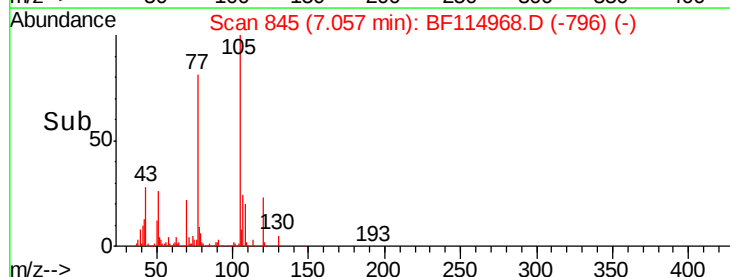


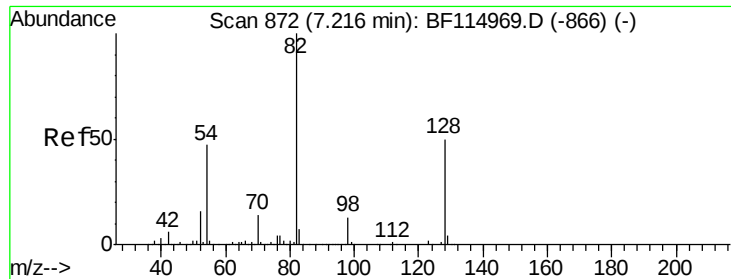
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

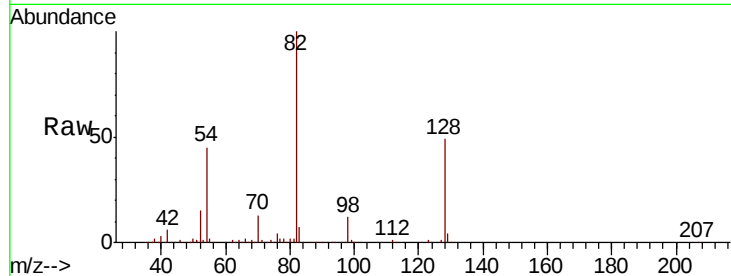




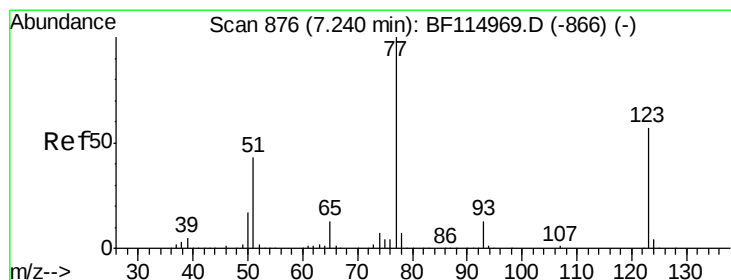
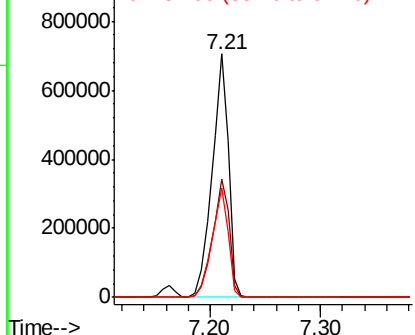
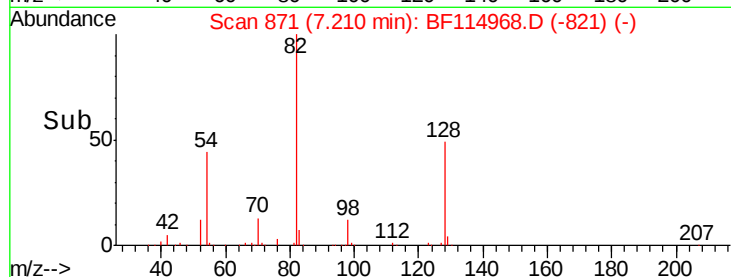
#23
Nitrobenzene-d5
Concen: 42.583 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	710266
Ion Ratio	Lower	Upper	
82	100		
128	48.7	39.9	59.9
54	45.0	37.3	55.9

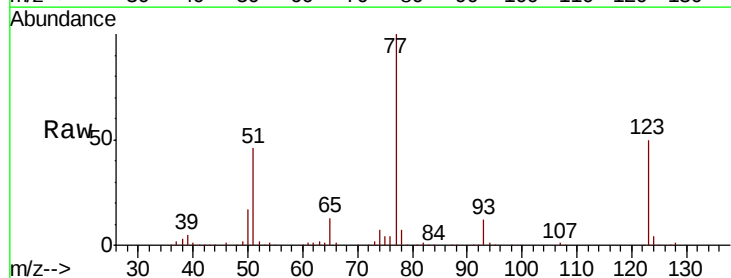


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

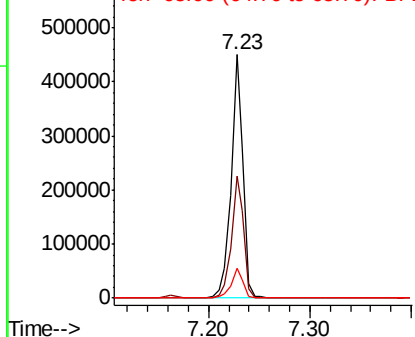
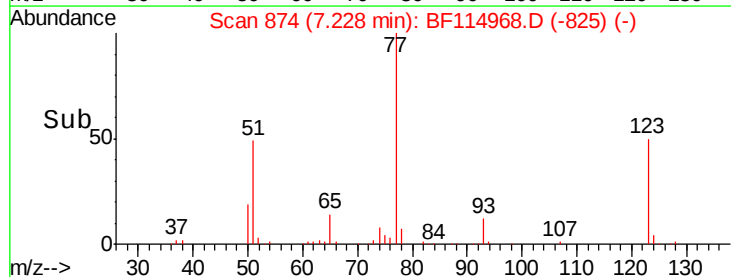


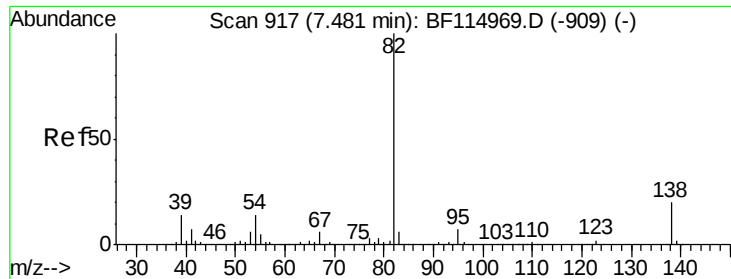
#24
Nitrobenzene
Concen: 20.968 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion	77	Resp	363825
Ion Ratio	Lower	Upper	
77	100		
123	50.1	45.5	68.3
65	12.5	10.3	15.5



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





#25

Isophorone

Concen: 19.727 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

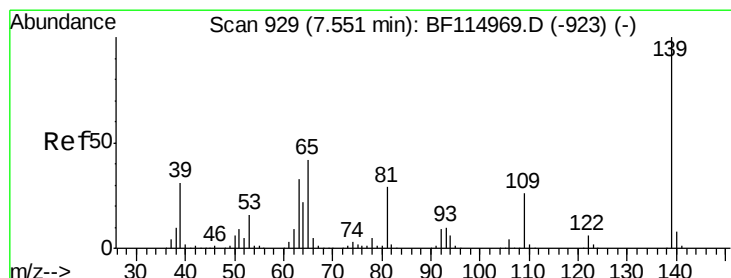
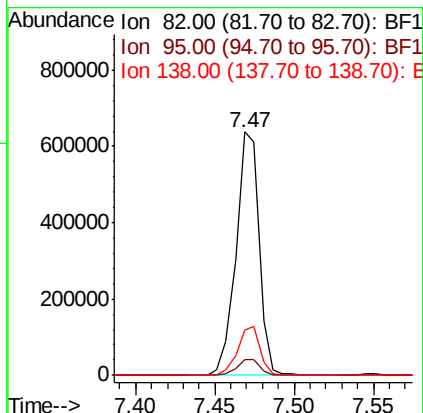
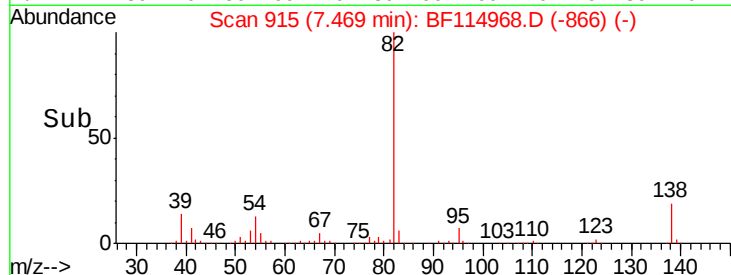
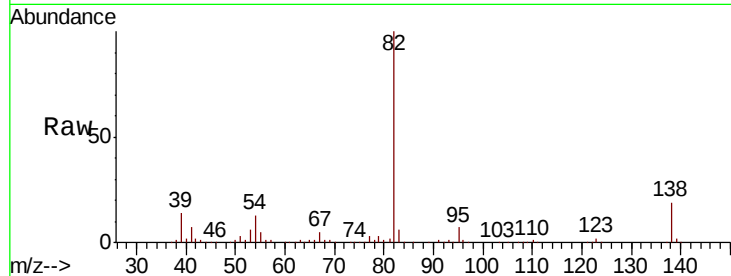
Tot Ion: 82 Resp: 644338

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 18.6 16.1 24.1



#26

2-Nitrophenol

Concen: 20.267 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

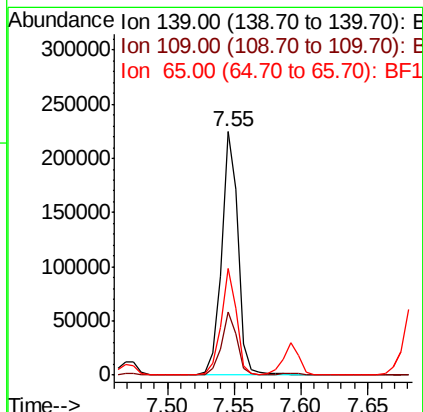
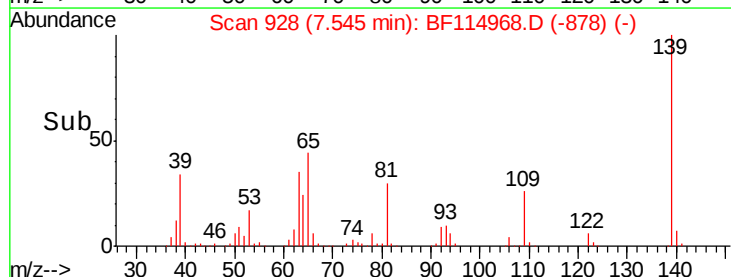
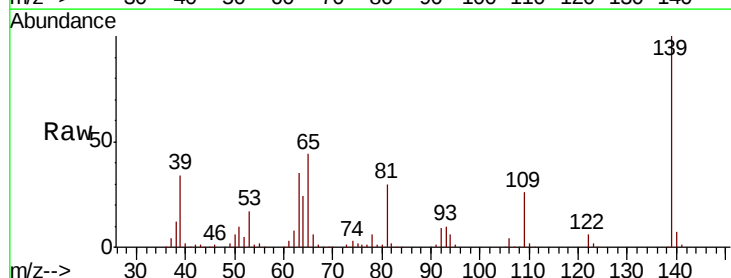
Tgt Ion: 139 Resp: 195373

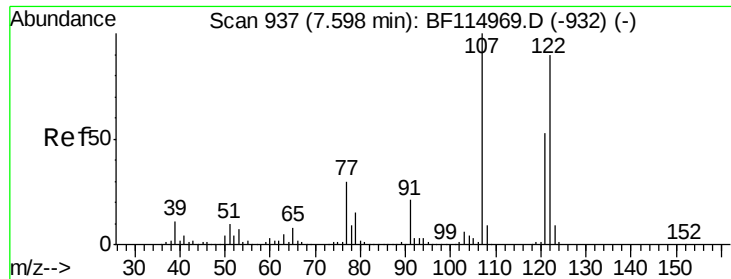
Ion Ratio Lower Upper

139 100

109 25.9 20.8 31.2

65 43.7 33.4 50.2

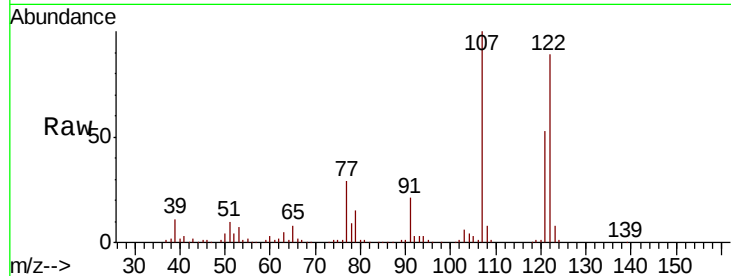




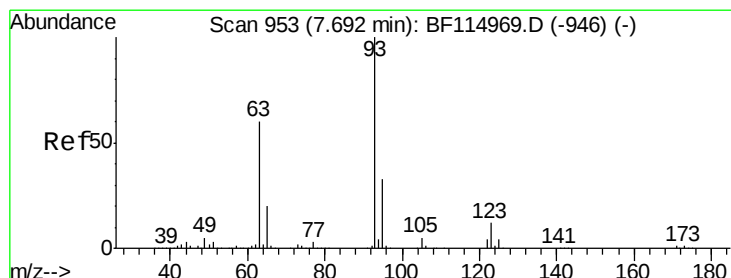
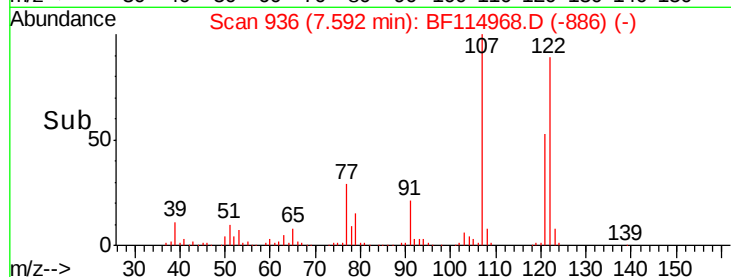
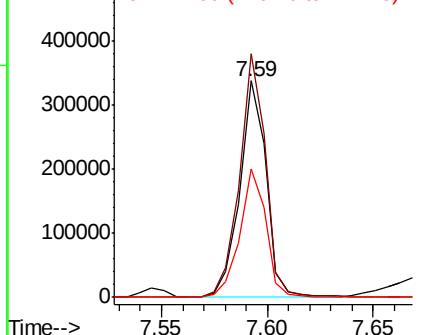
#27
2,4-Dimethylphenol
Concen: 20.625 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.5	88.8	133.2
121	59.1	47.4	71.0

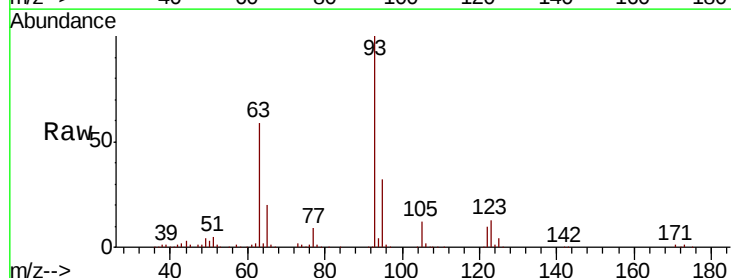


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

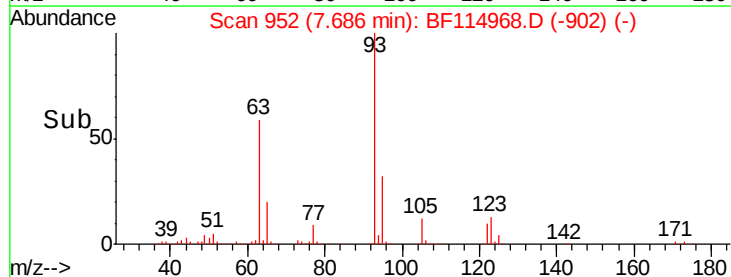
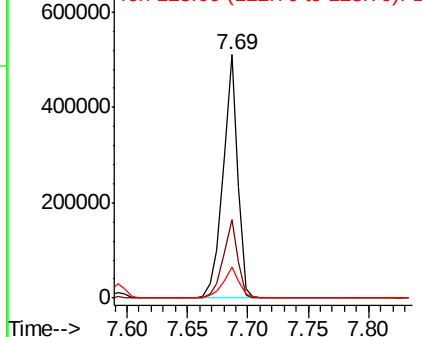


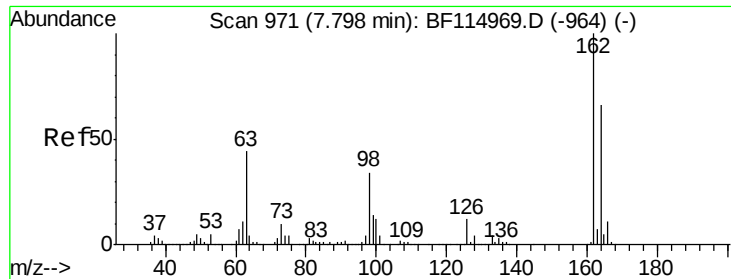
#28
bis(2-Chloroethoxy)methane
Concen: 20.407 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	12.6	9.9	14.9



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

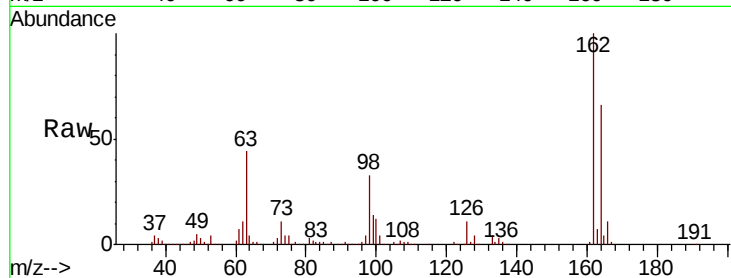




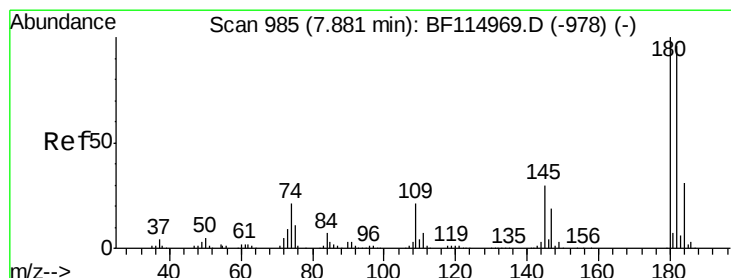
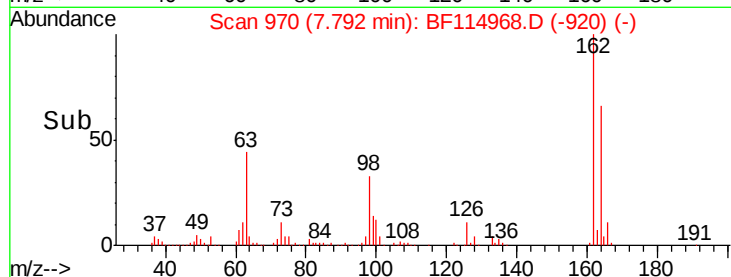
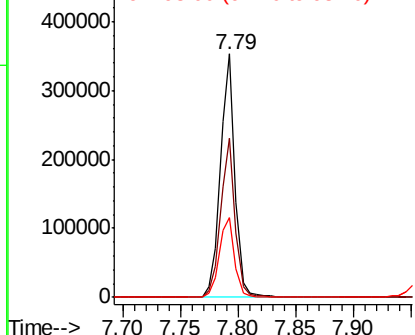
#29
2,4-Dichlorophenol
Concen: 20.982 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 309958
Ion Ratio Lower Upper
162 100
164 65.5 45.7 85.7
98 32.8 14.0 54.0

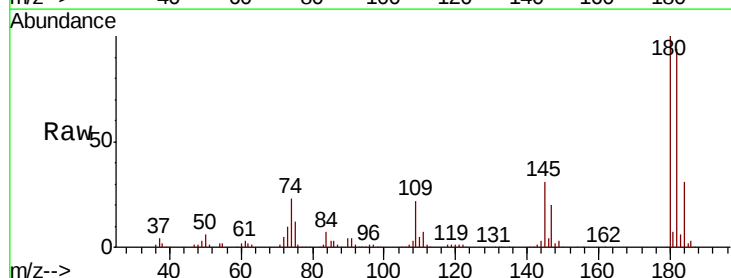


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

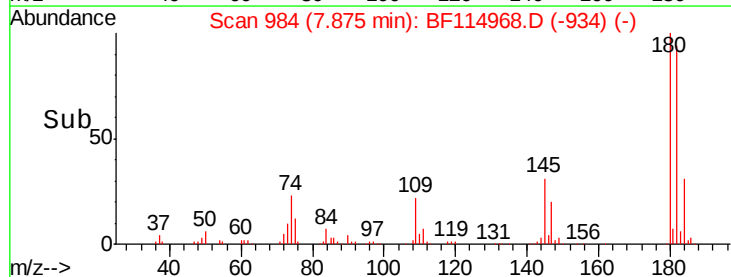
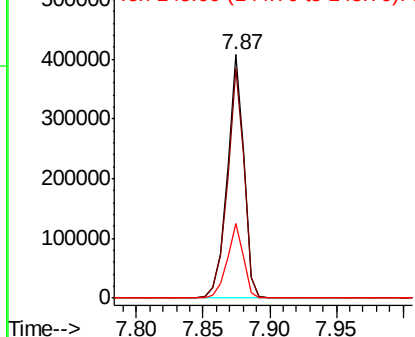


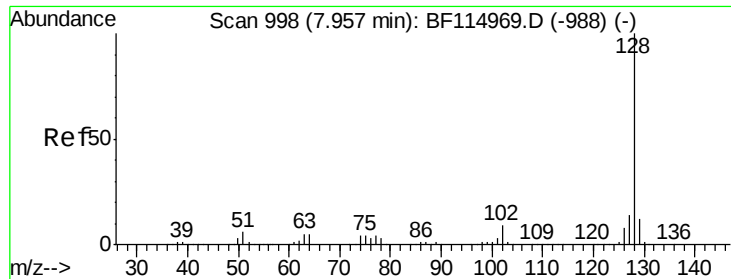
#30
1,2,4-Trichlorobenzene
Concen: 21.125 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:180 Resp: 358134
Ion Ratio Lower Upper
180 100
182 94.4 76.7 115.1
145 30.6 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

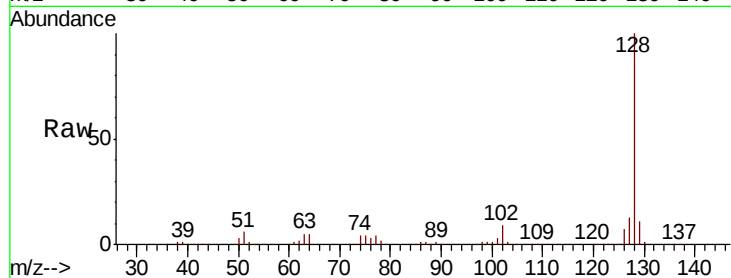




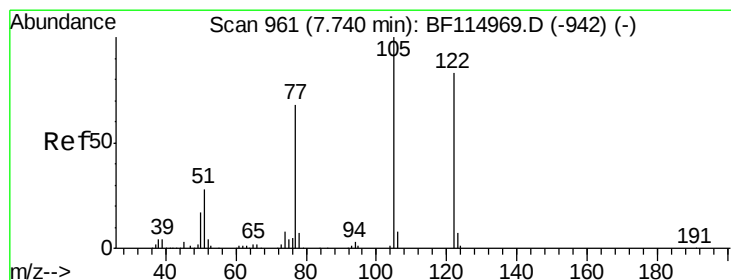
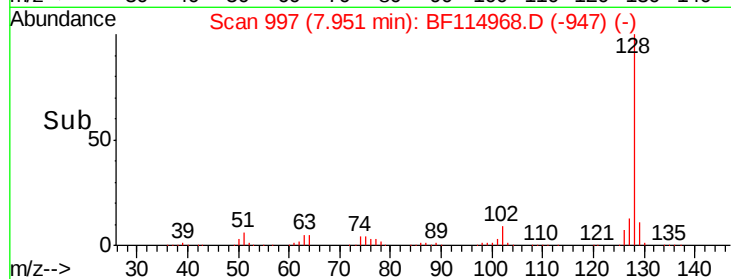
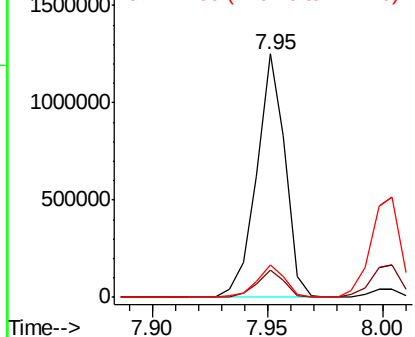
#31
Naphthalene
Concen: 22.874 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1080146
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.4 11.5 17.3

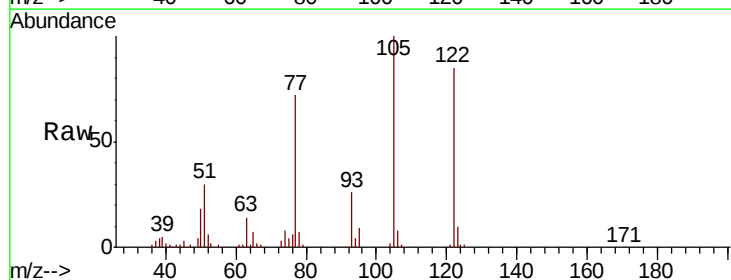


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

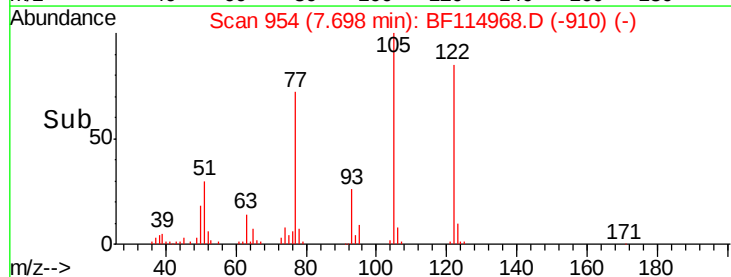
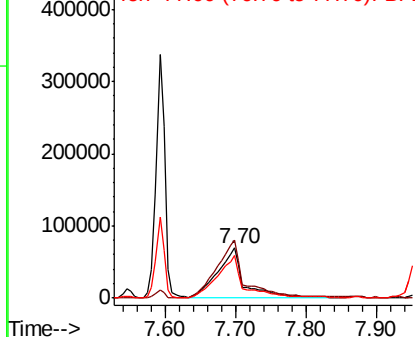


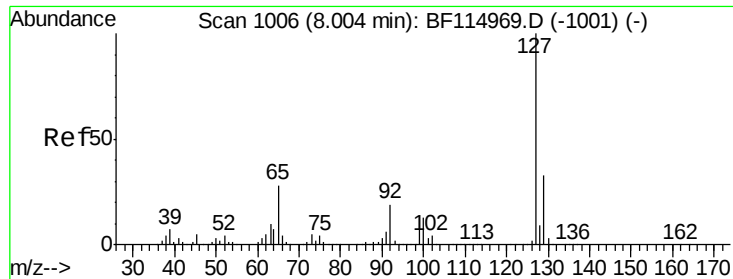
#32
Benzoic acid
Concen: 17.104 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.04 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:122 Resp: 180227
Ion Ratio Lower Upper
122 100
105 117.5 98.6 138.6
77 84.3 60.9 100.9



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

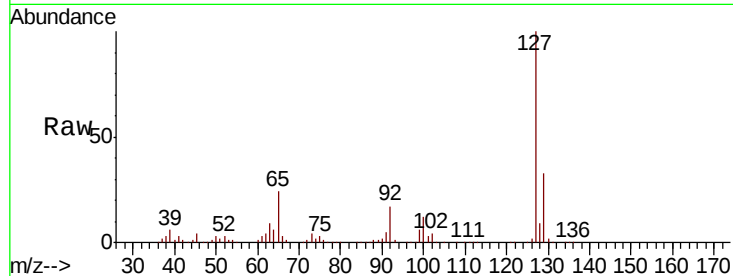




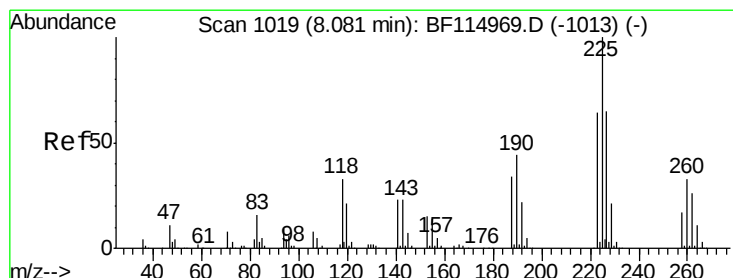
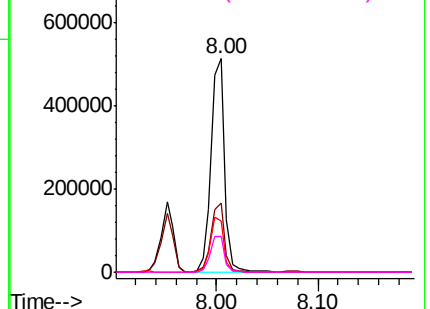
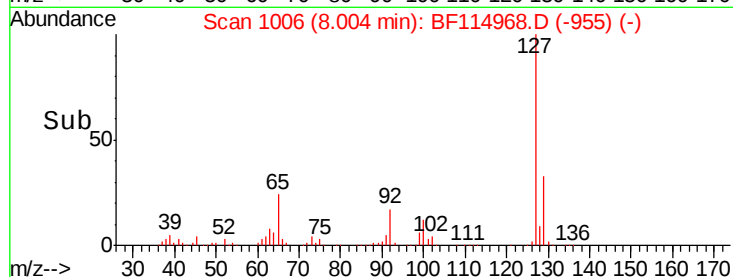
#33
4-Chloroaniline
Concen: 21.368 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	476173
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	24.1	22.3	33.5
92	16.9	15.3	22.9

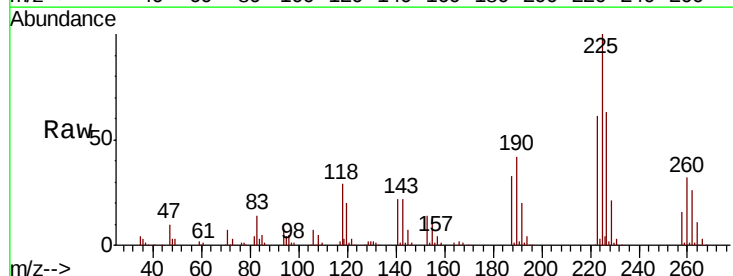


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

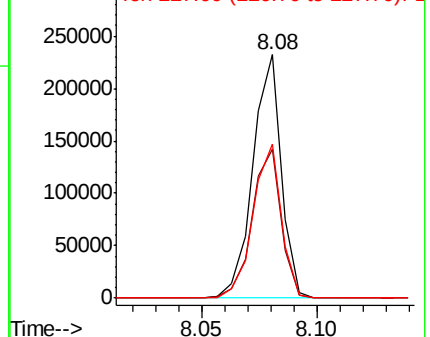
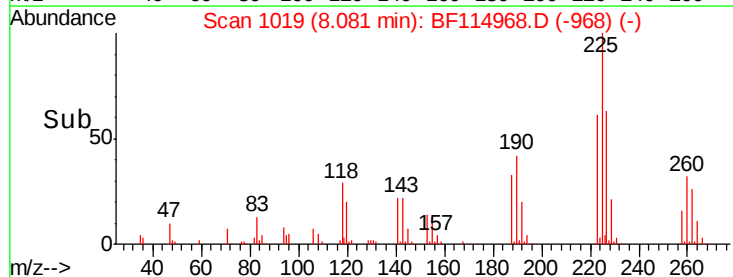


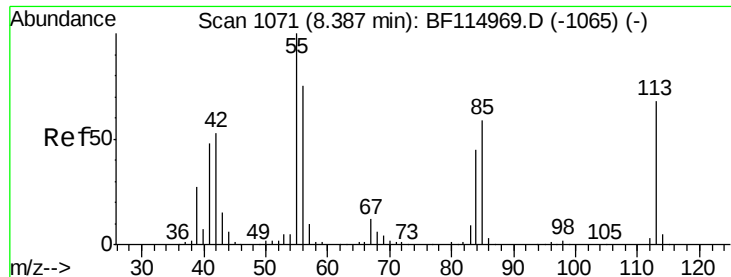
#34
Hexachlorobutadiene
Concen: 20.956 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:	225	Resp:	199267
Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.0	76.6
227	63.3	51.7	77.5



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

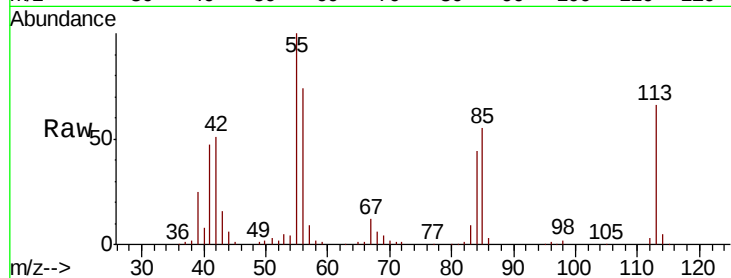




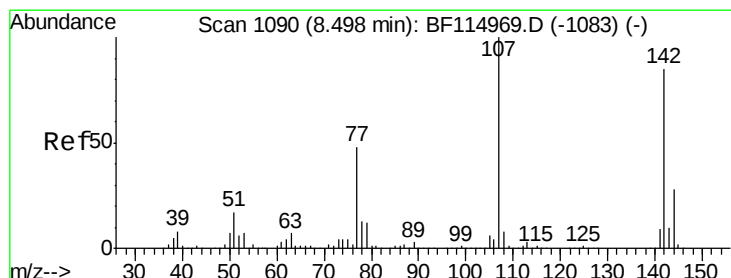
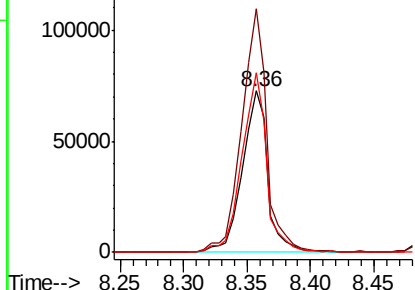
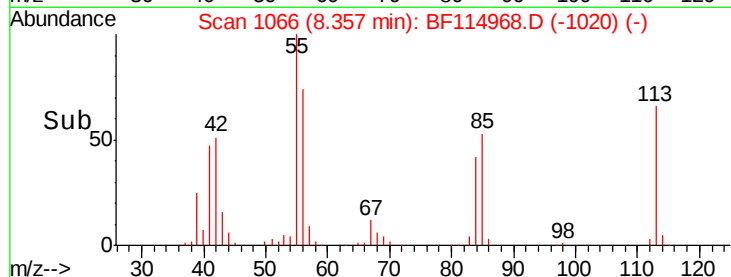
#35
Caprolactam
Concen: 20.108 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 100062
Ion Ratio Lower Upper
113 100
55 150.7 127.3 167.3
56 111.5 90.6 130.6

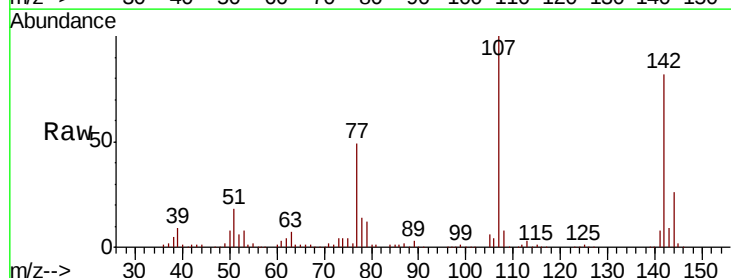


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

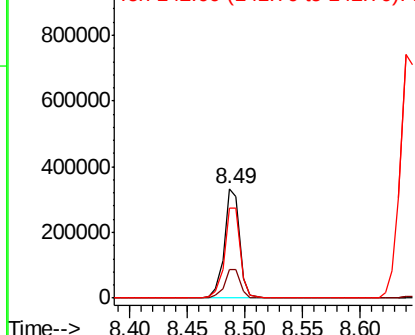
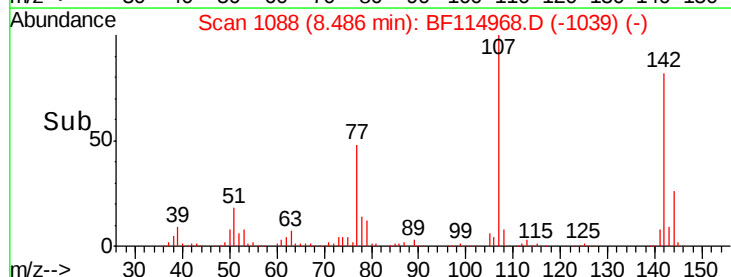


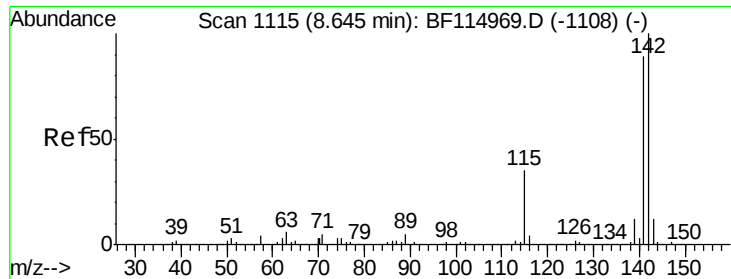
#36
4-Chloro-3-methylphenol
Concen: 20.706 ng
RT: 8.49 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:107 Resp: 310670
Ion Ratio Lower Upper
107 100
144 26.2 22.0 33.0
142 81.6 68.2 102.4



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

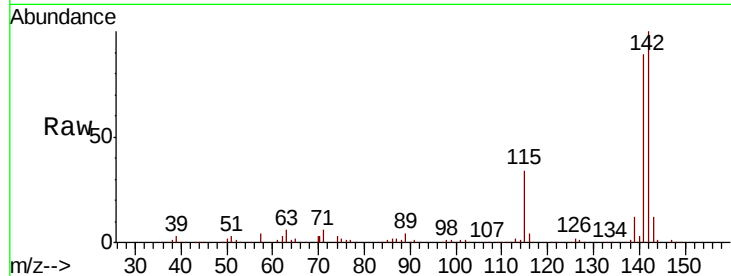




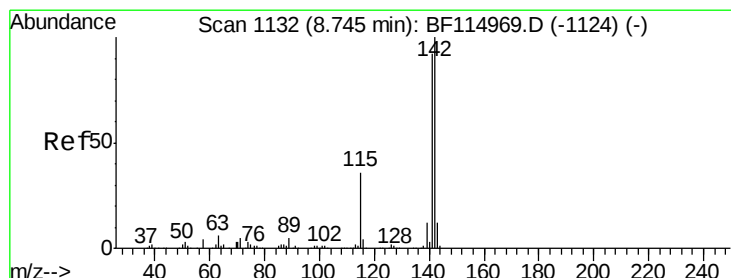
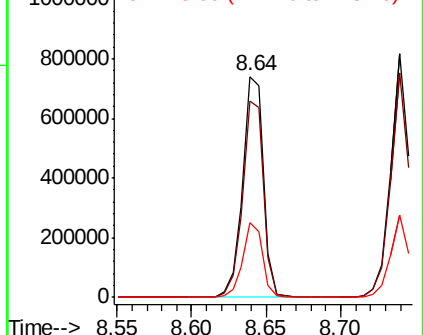
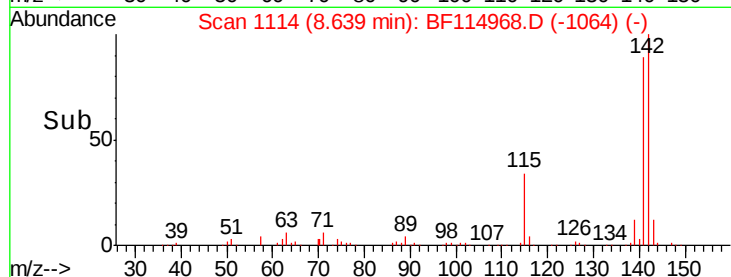
#37
2-Methylnaphthalene
Concen: 22.328 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	33.5	27.9	41.9

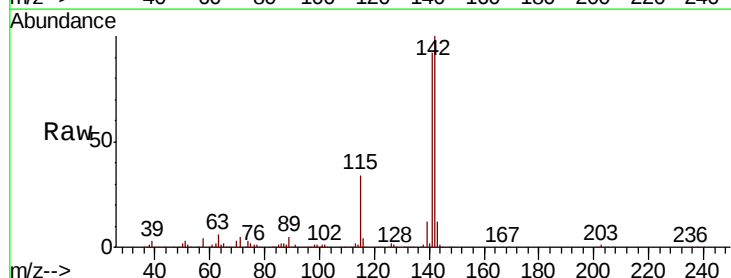


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

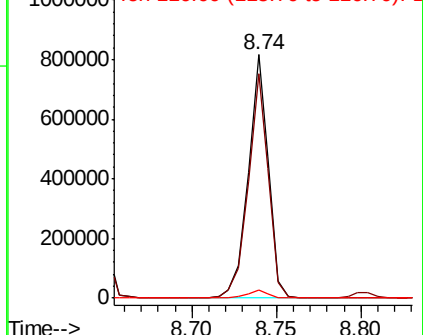
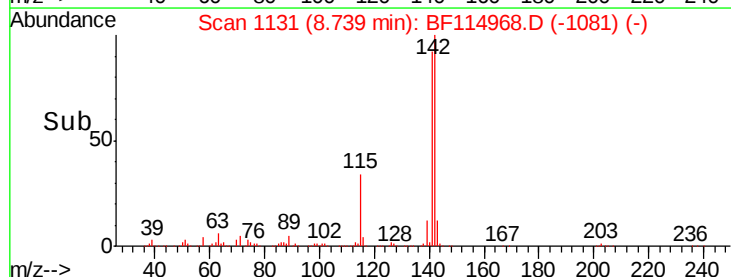


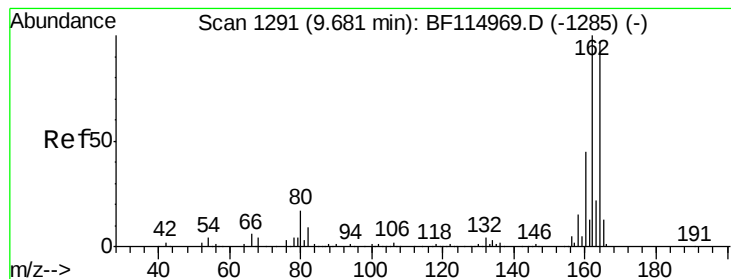
#38
1-Methylnaphthalene
Concen: 22.267 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.8
116	3.6	2.9	4.3



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: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

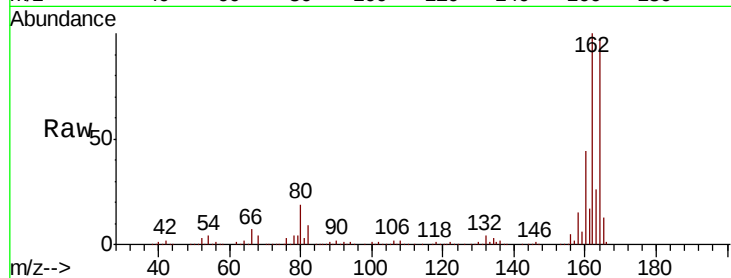
Tot Ion:164 Resp: 494088

Ion Ratio Lower Upper

164 100

162 103.4 82.6 124.0

160 45.7 36.9 55.3

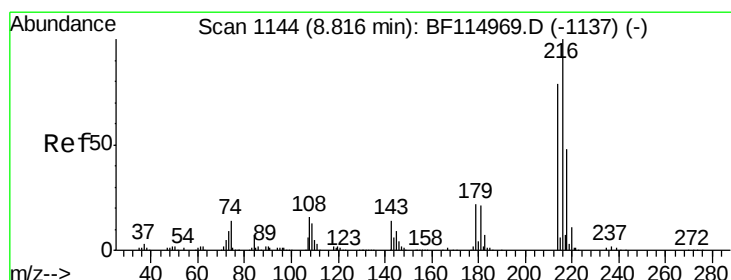
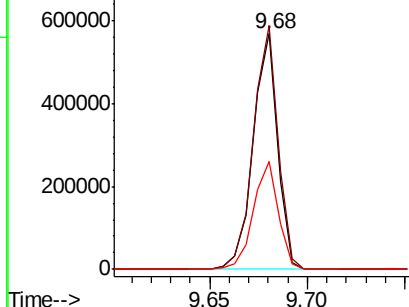
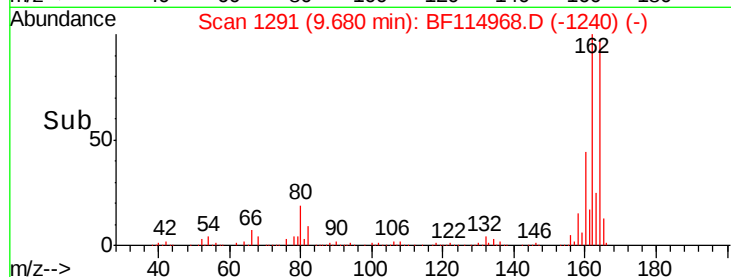


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.732 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Tgt Ion:216 Resp: 322926

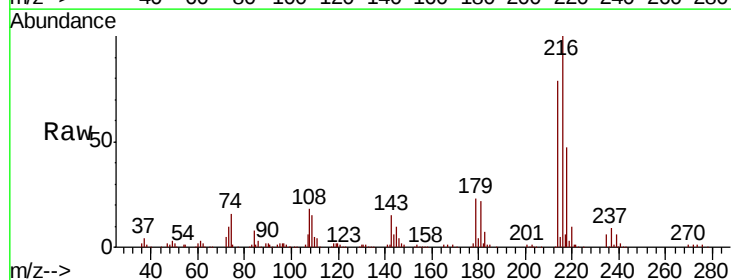
Ion Ratio Lower Upper

216 100

214 78.2 63.7 95.5

179 21.7 18.2 27.4

108 18.6 15.0 22.6



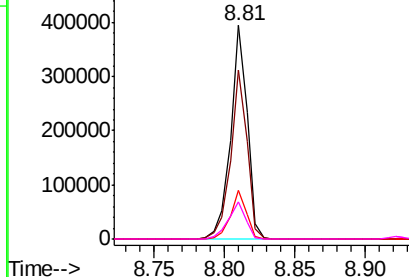
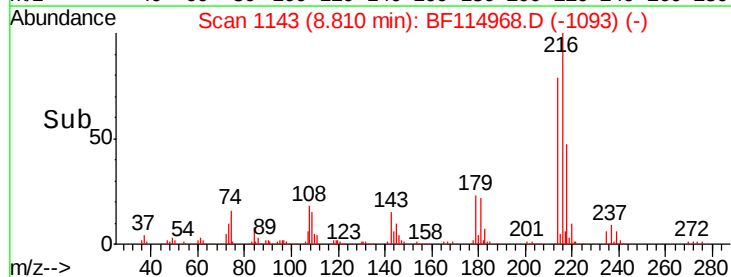
Abundance

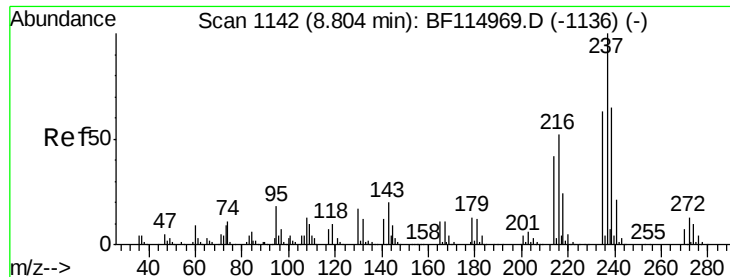
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 17.179 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

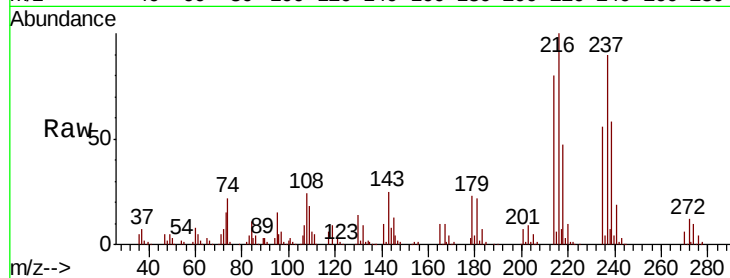
Tot Ion:237 Resp: 138715

Ion Ratio Lower Upper

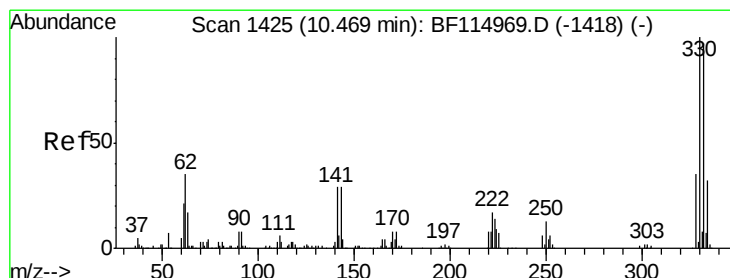
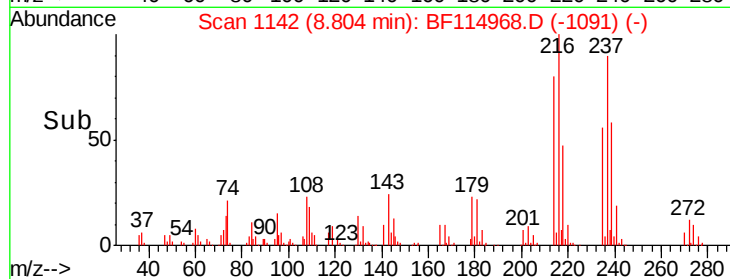
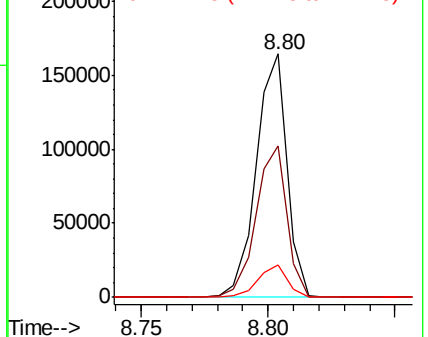
237 100

235 62.0 42.7 82.7

272 13.2 0.0 32.7



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: 42.996 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

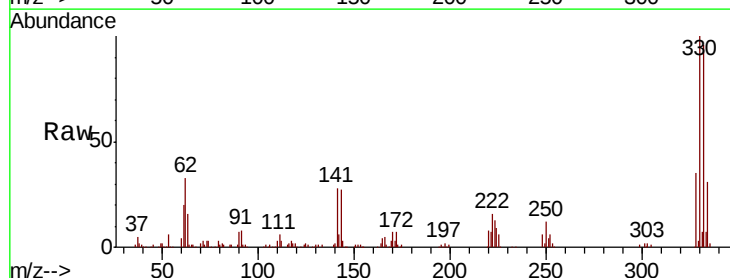
Tgt Ion:330 Resp: 231090

Ion Ratio Lower Upper

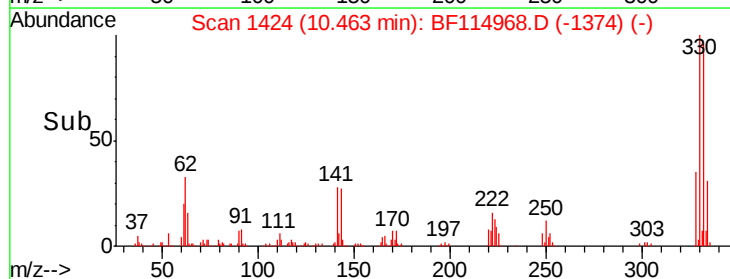
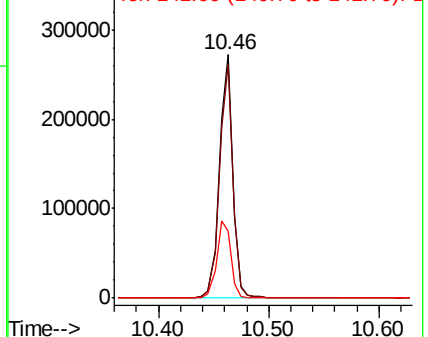
330 100

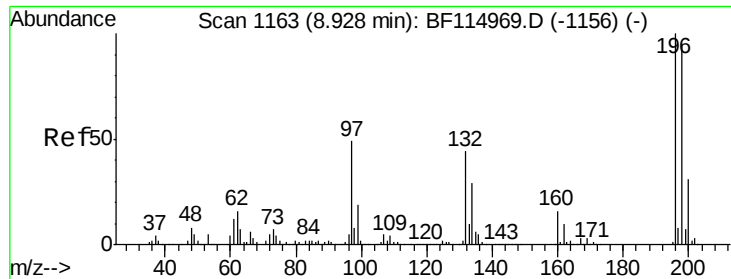
332 96.4 77.6 116.4

141 33.6 27.2 40.8



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

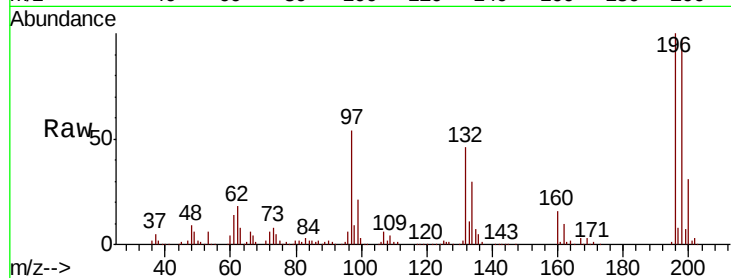




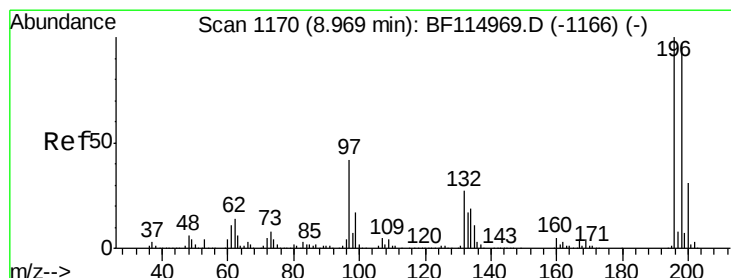
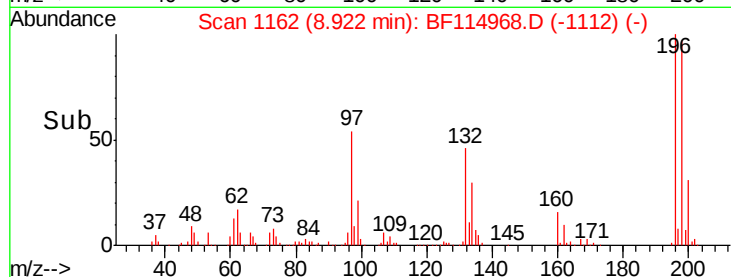
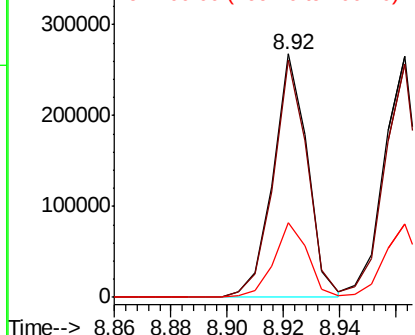
#43
 2,4,6-Trichlorophenol
 Concen: 20.866 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 225082
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.8 113.8
 200 30.9 24.9 37.3

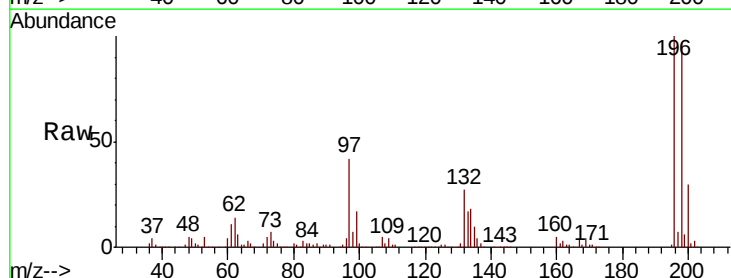


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

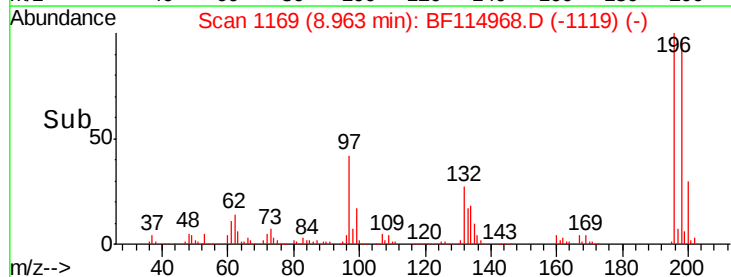
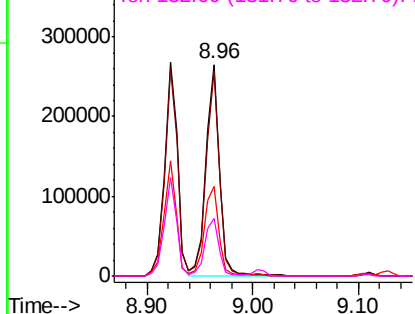


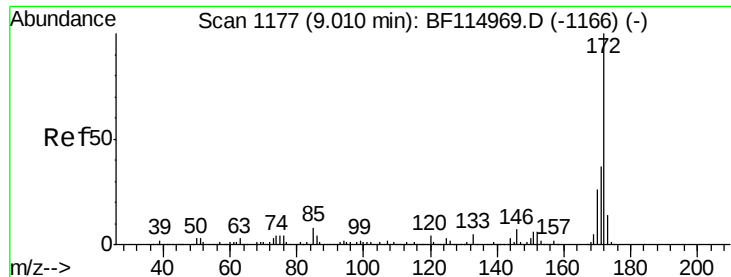
#44
 2,4,5-Trichlorophenol
 Concen: 21.039 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

Tgt Ion:196 Resp: 234002
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.3 115.9
 97 42.2 34.2 51.4
 132 27.0 22.1 33.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

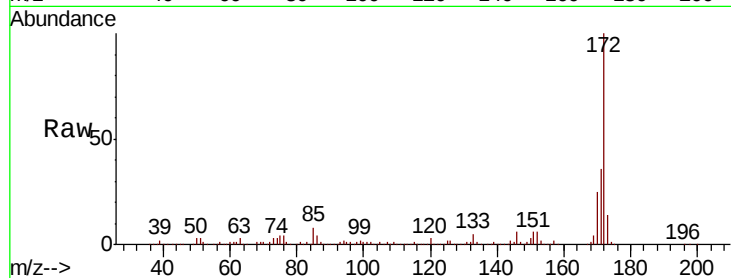




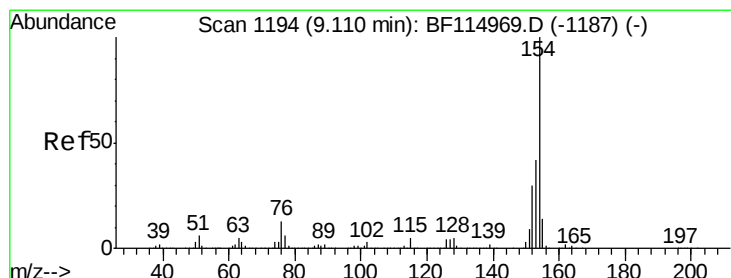
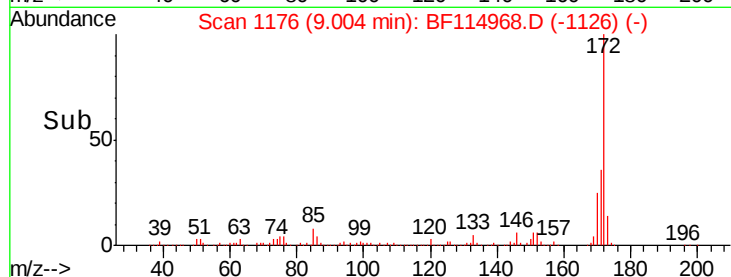
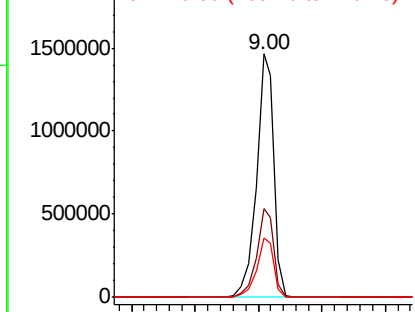
#45
2-Fluorobiphenyl
Concen: 45.151 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1405644
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.6 20.6 31.0

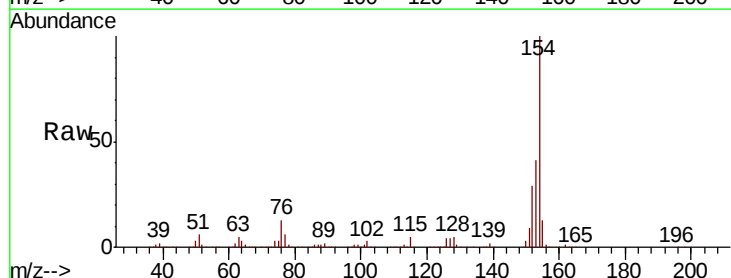


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

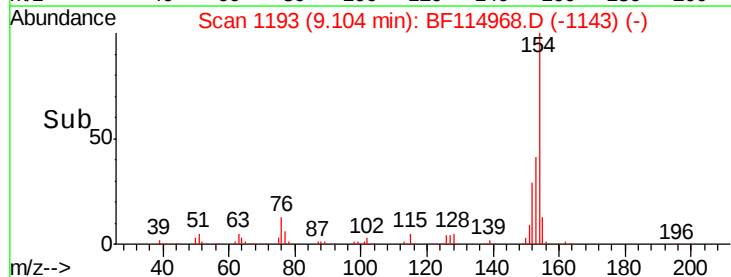
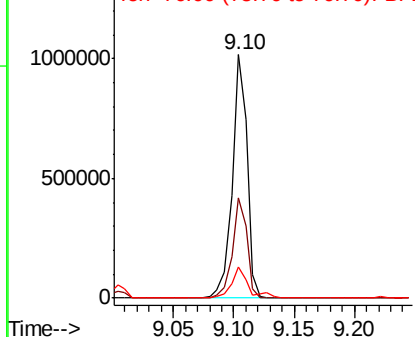


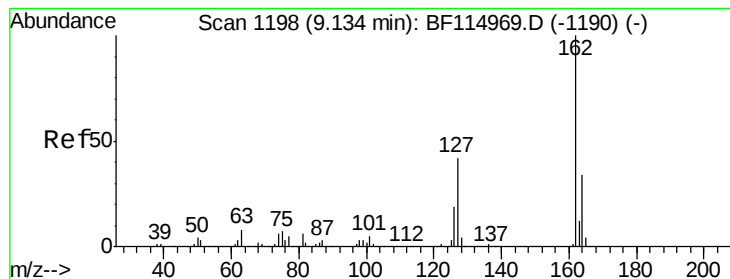
#46
1,1'-Biphenyl
Concen: 23.445 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:154 Resp: 866625
Ion Ratio Lower Upper
154 100
153 41.2 22.4 62.4
76 13.0 0.0 33.3



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





#47

2-Chloronaphthalene

Concen: 22.647 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampled :

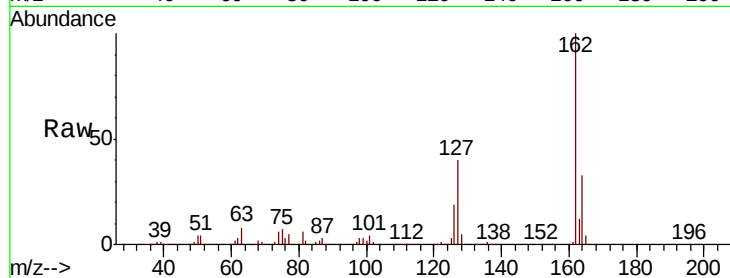
Tot Ion:162 Resp: 706668

Ion Ratio Lower Upper

162 100

127 39.8 33.4 50.2

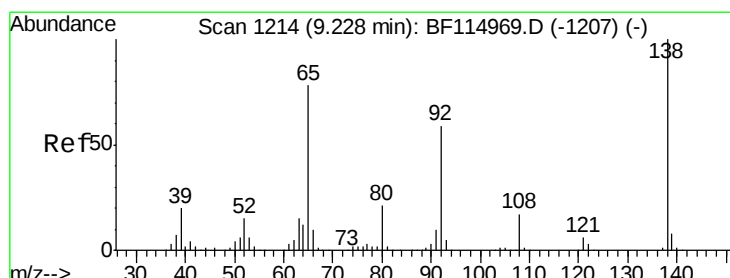
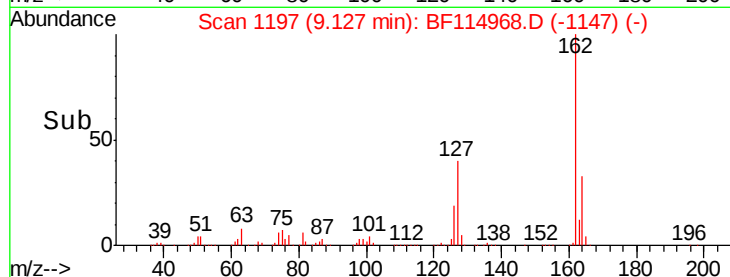
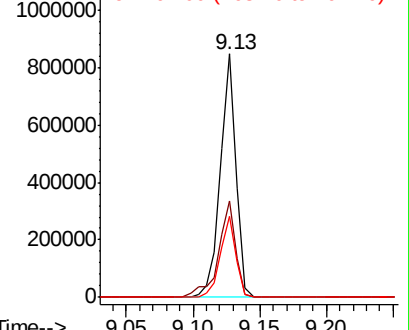
164 33.2 27.2 40.8



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: 20.607 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

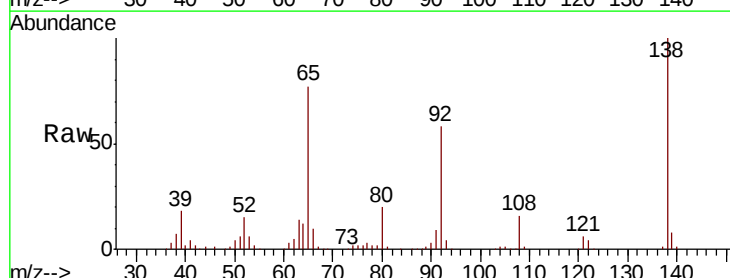
Tgt Ion: 65 Resp: 195733

Ion Ratio Lower Upper

65 100

92 75.4 60.5 90.7

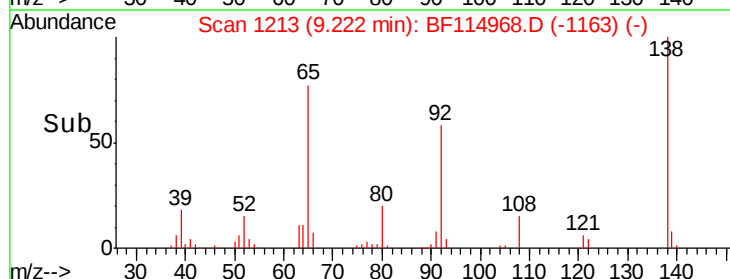
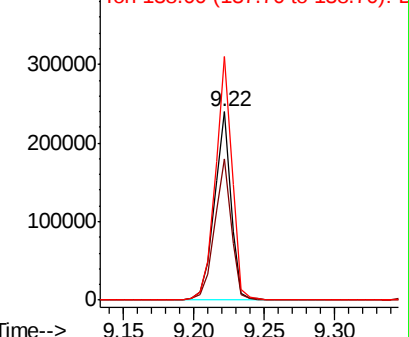
138 129.5 102.0 153.0

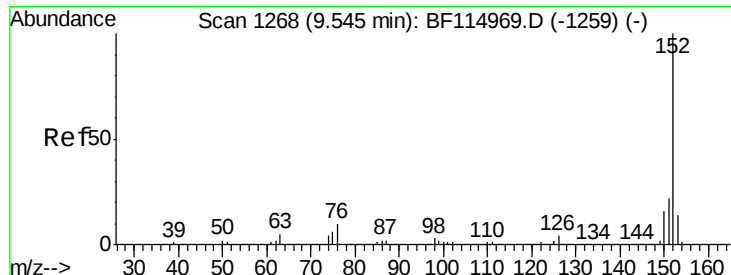


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 23.564 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

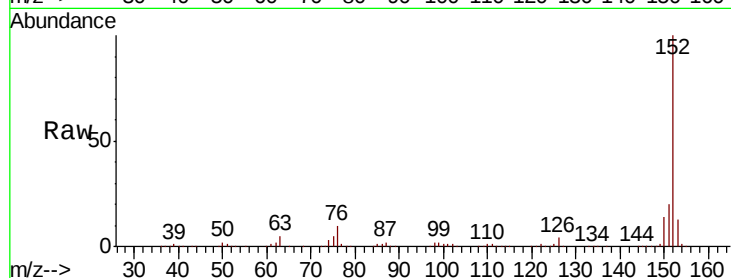
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1083531

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.5	26.3
153	13.3	11.2	16.8

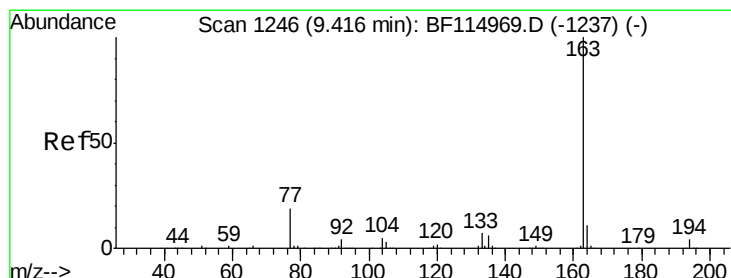
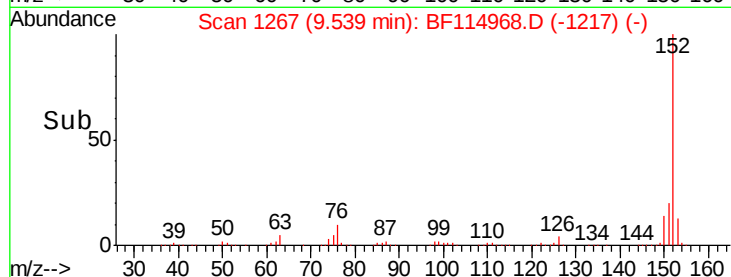
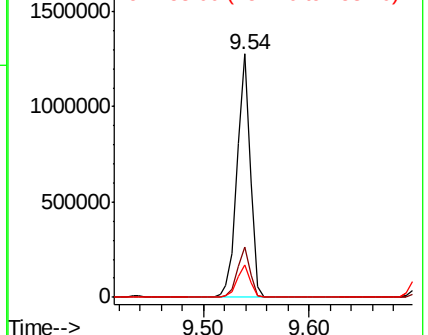


Abundance

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: 21.267 ng

RT: 9.41 min Scan# 1245

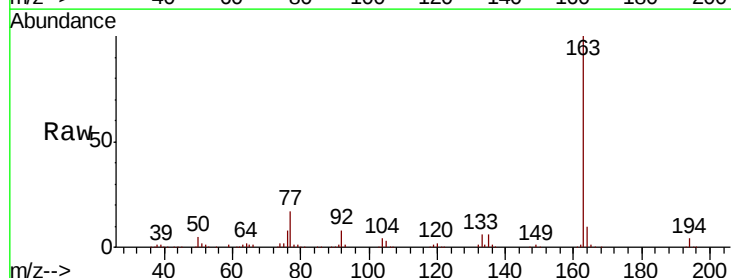
Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Tgt Ion:163 Resp: 789762

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.6	12.8

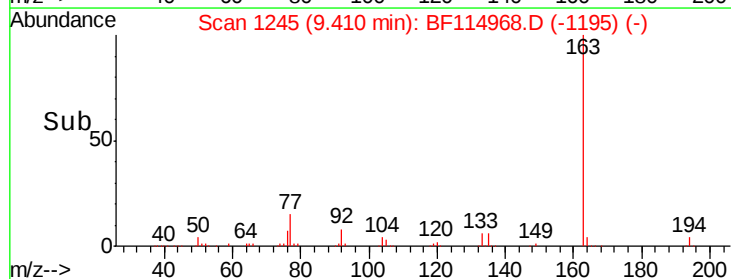
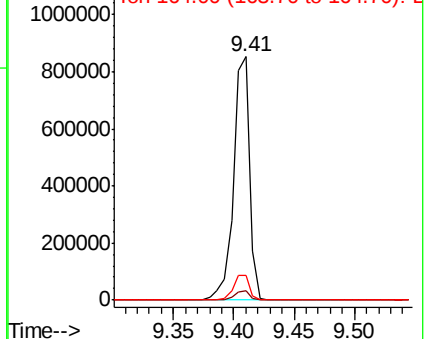


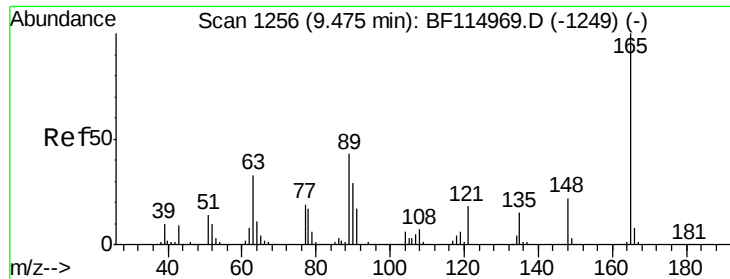
Abundance

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

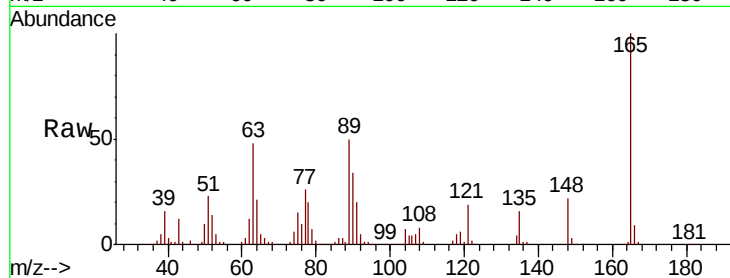




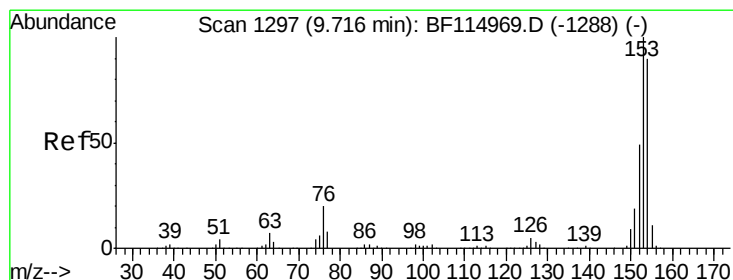
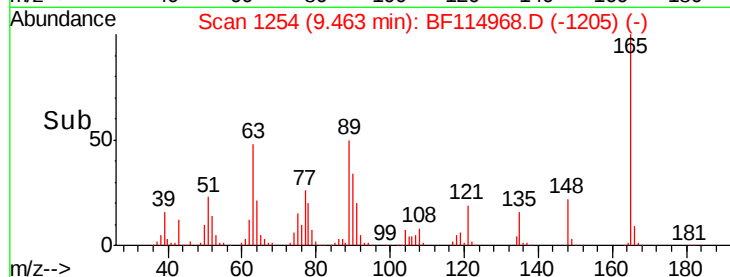
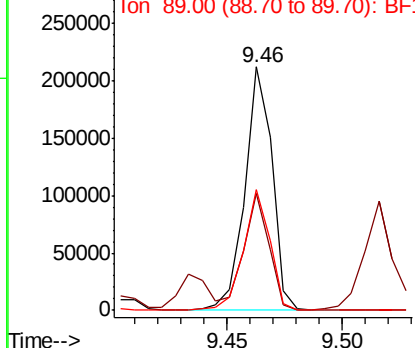
#51
2,6-Dinitrotoluene
Concen: 20.559 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 175355
Ion Ratio Lower Upper
165 100
63 47.8 30.6 46.0#
89 49.7 34.4 51.6

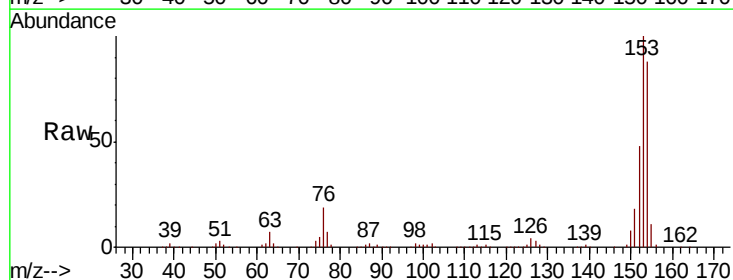


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

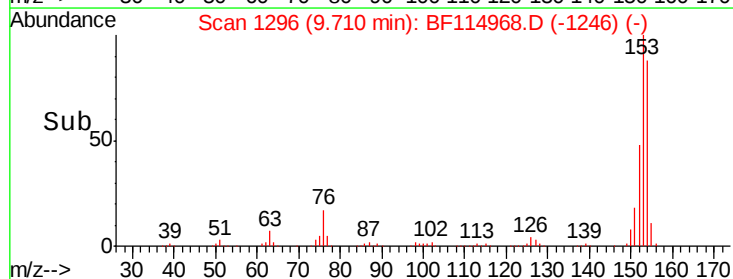
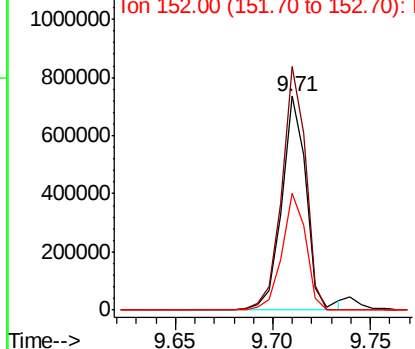


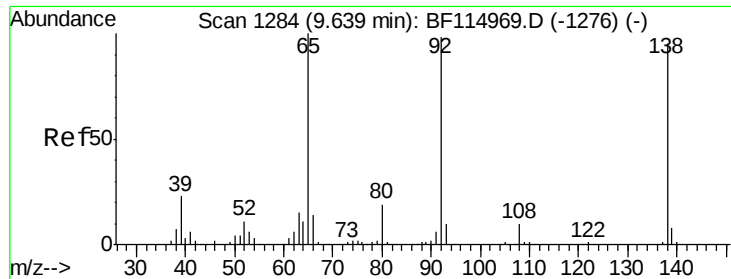
#52
Acenaphthene
Concen: 22.935 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:154 Resp: 638925
Ion Ratio Lower Upper
154 100
153 114.0 88.5 132.7
152 54.5 43.6 65.4



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

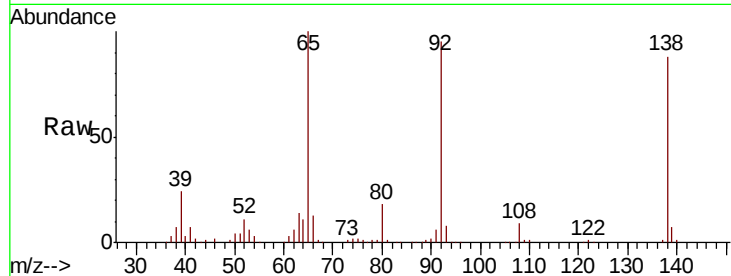




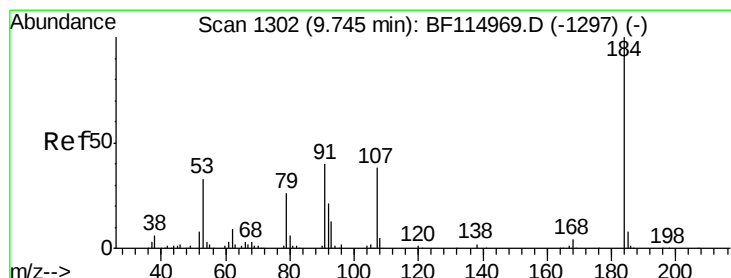
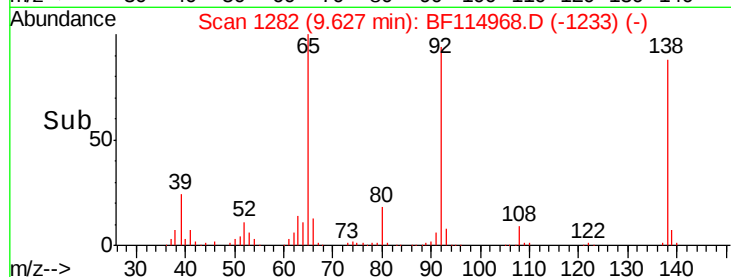
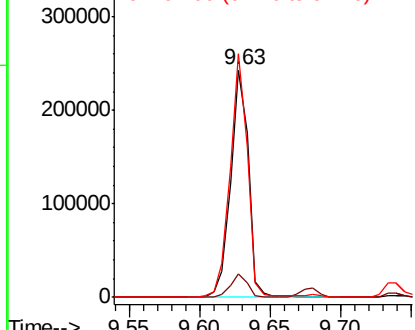
#53
 3-Nitroaniline
 Concen: 20.858 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 213630
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.0 12.0
 92 107.1 82.4 123.6

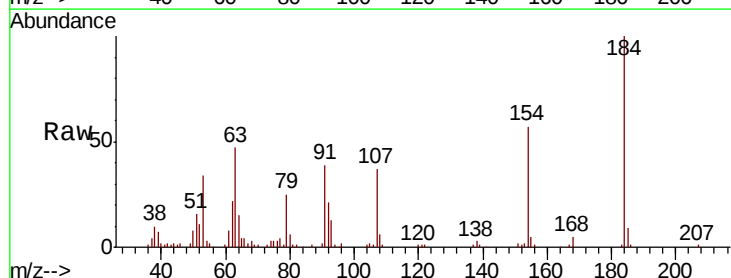


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

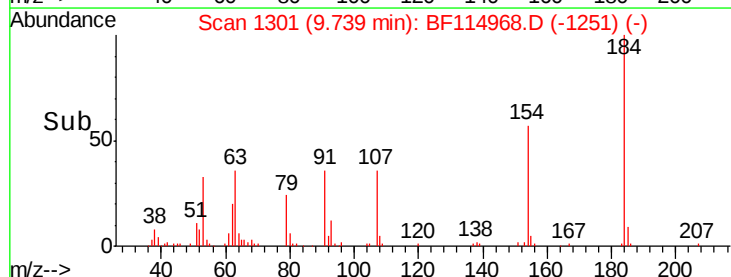
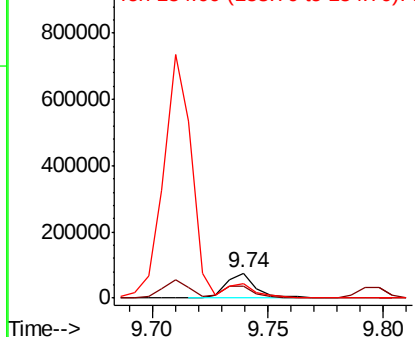


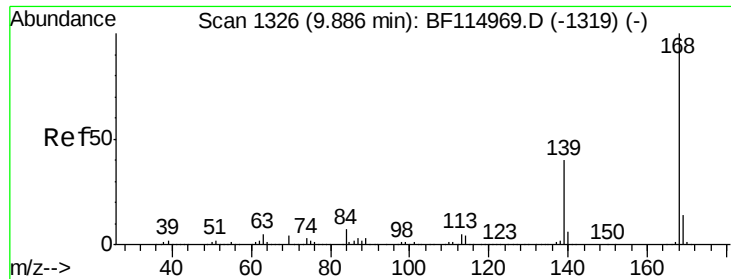
#54
 2,4-Dinitrophenol
 Concen: 16.391 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

Tgt Ion:184 Resp: 69195
 Ion Ratio Lower Upper
 184 100
 63 47.4 40.5 60.7
 154 57.2 44.8 67.2



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

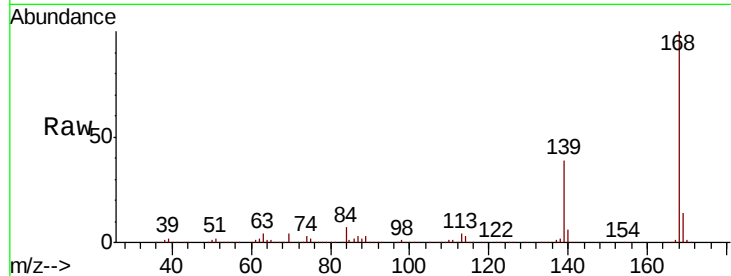




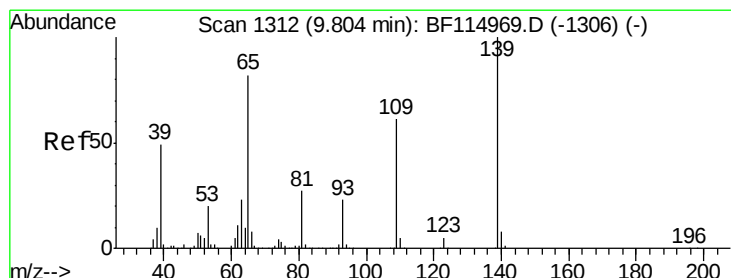
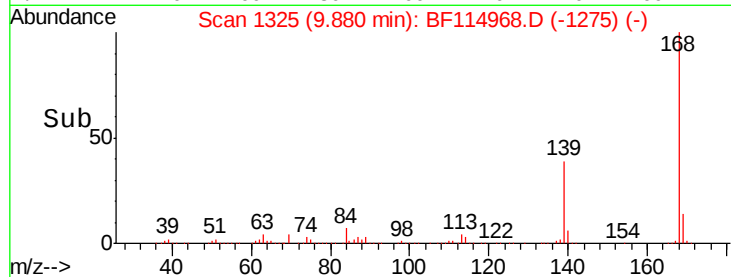
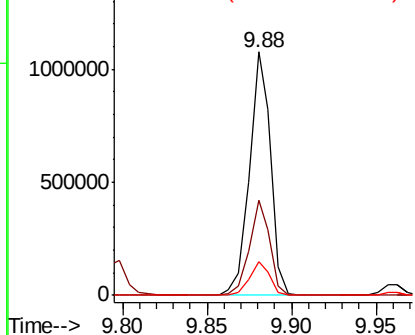
#55
Dibenzenofuran
Concen: 23.627 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 939589
Ion Ratio Lower Upper
168 100
139 38.8 32.5 48.7
169 13.7 11.5 17.3

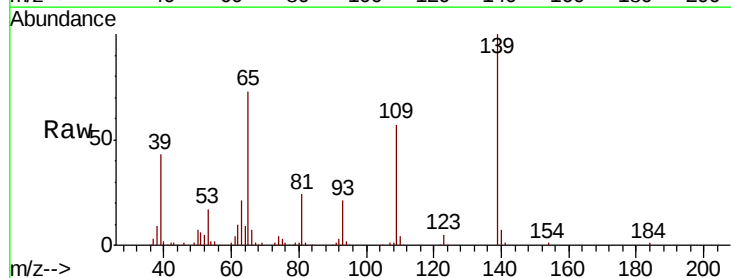


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

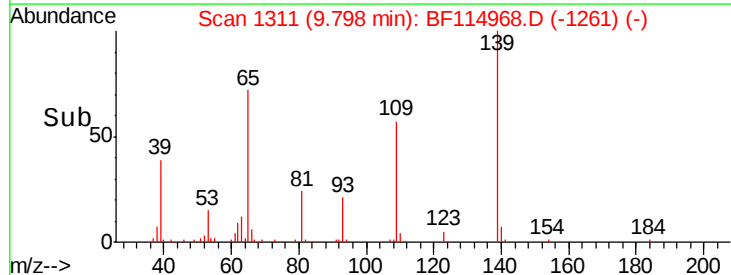
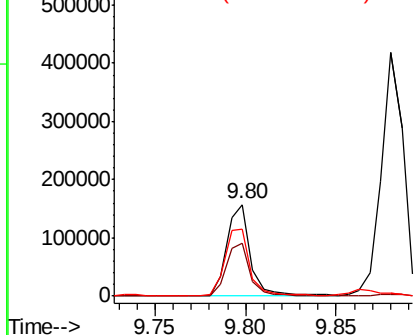


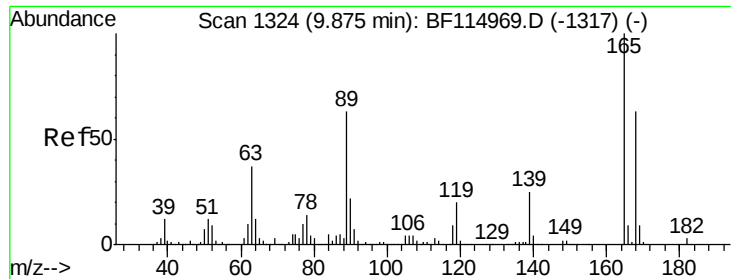
#56
4-Nitrophenol
Concen: 19.701 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:139 Resp: 143809
Ion Ratio Lower Upper
139 100
109 57.0 41.4 81.4
65 72.9 62.7 102.7



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

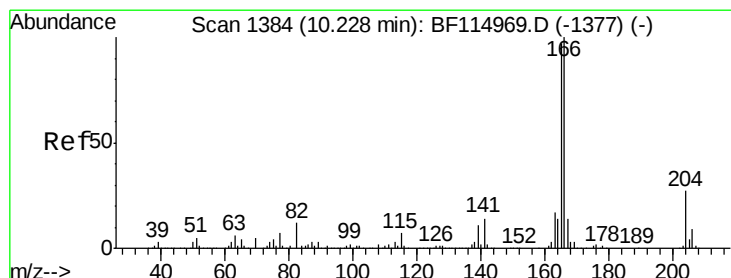
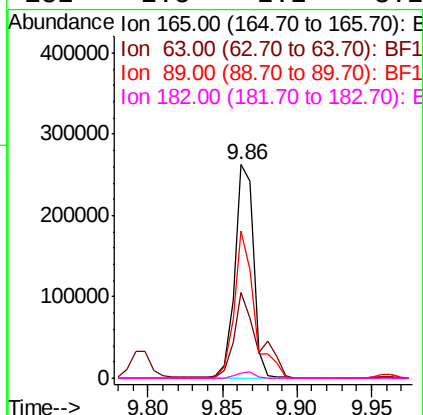
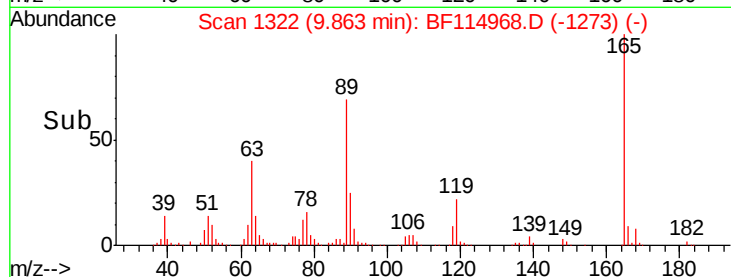
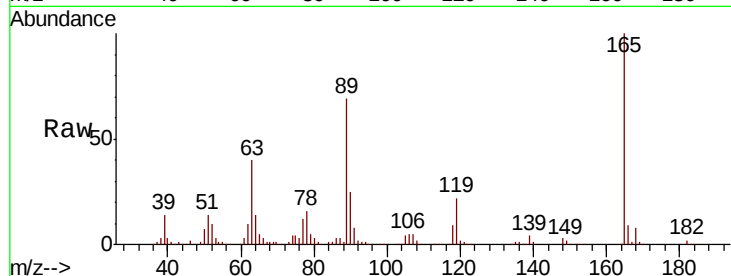




#57
 2,4-Dinitrotoluene
 Concen: 21.652 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

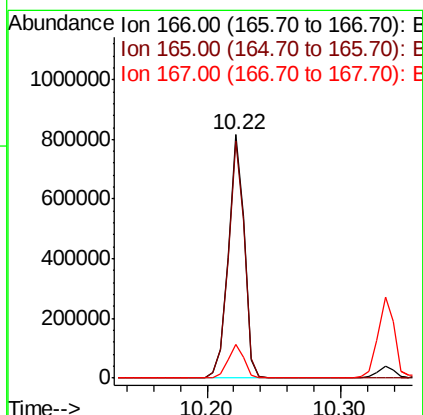
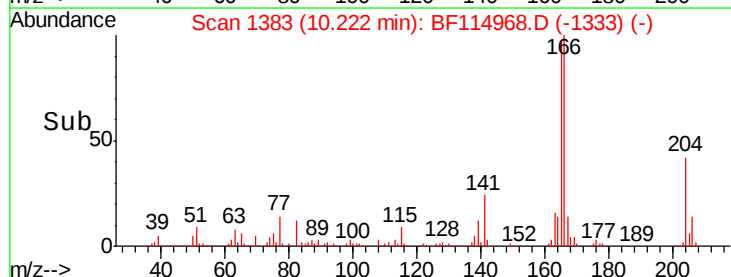
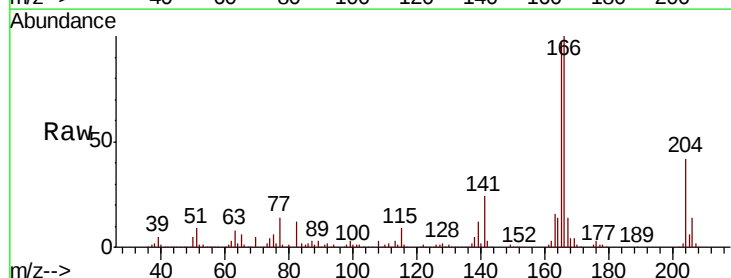
Instrument :
 BNA_F
 ClientSampleId :

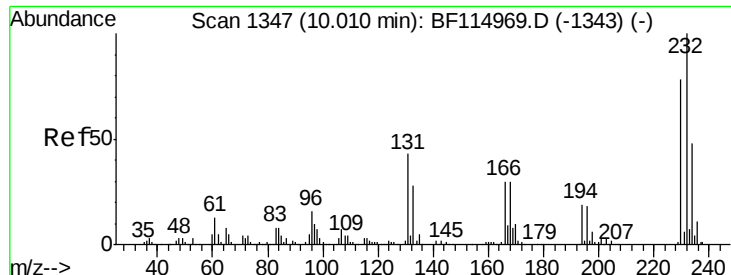
Tot Ion:	165	Resp:	233439
Ion	Ratio	Lower	Upper
165	100		
63	40.1	29.4	44.2
89	68.8	50.6	75.8
182	2.5	2.2	3.2



#58
 Fluorene
 Concen: 22.559 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

Tgt Ion:	166	Resp:	691521
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.6	116.4
167	13.7	11.0	16.4

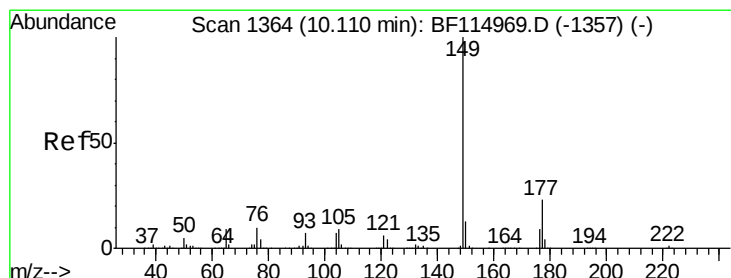
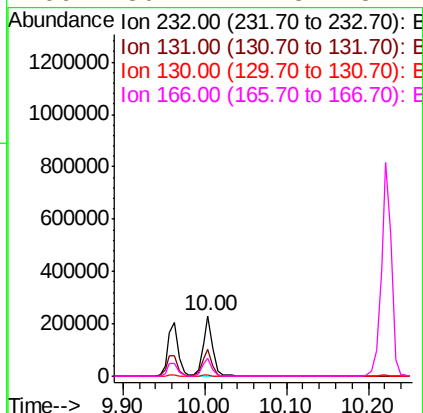
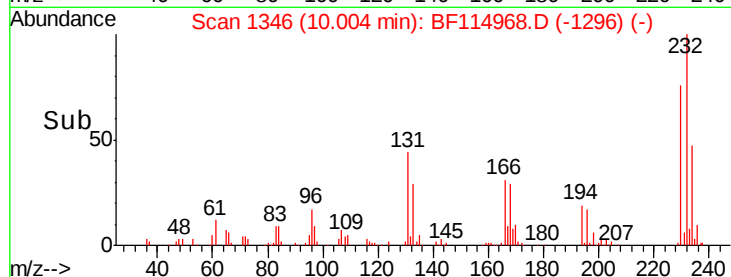
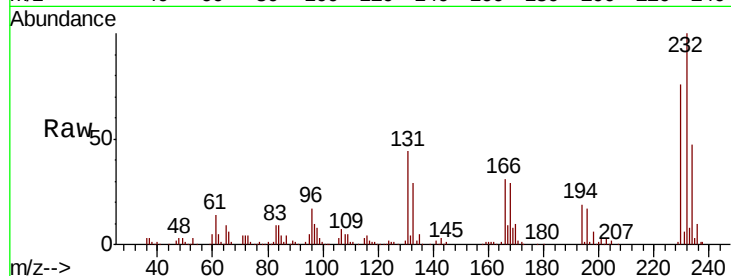




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.410 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

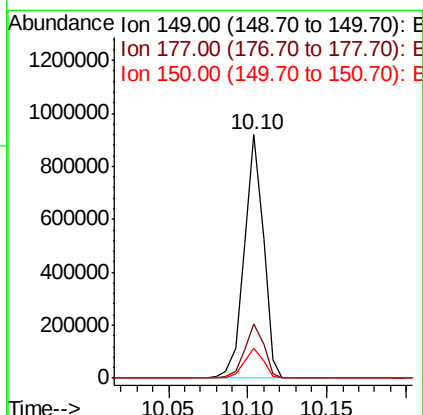
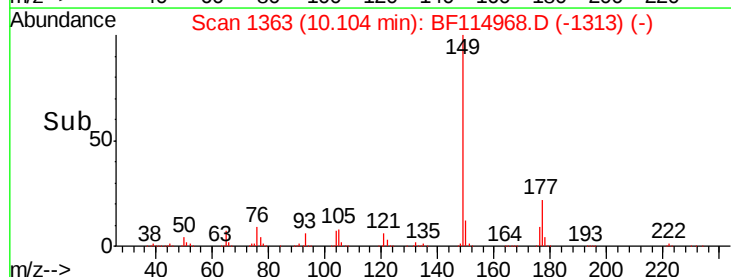
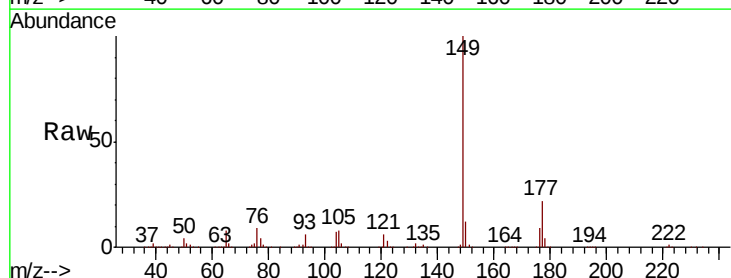
Instrument :
BNA_F
ClientSampleId :

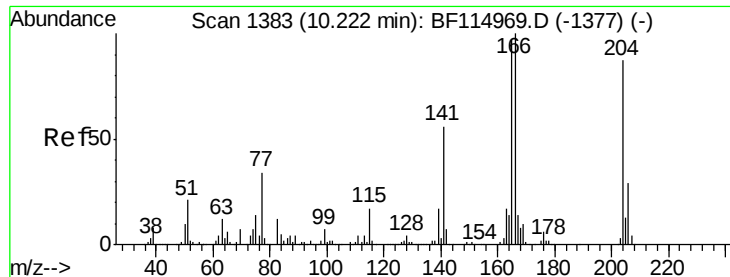
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	36.9	55.3
130	2.1	1.8	2.6
166	30.7	24.8	37.2



#60
Diethylphthalate
Concen: 21.246 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.6	27.8
150	12.4	10.5	15.7

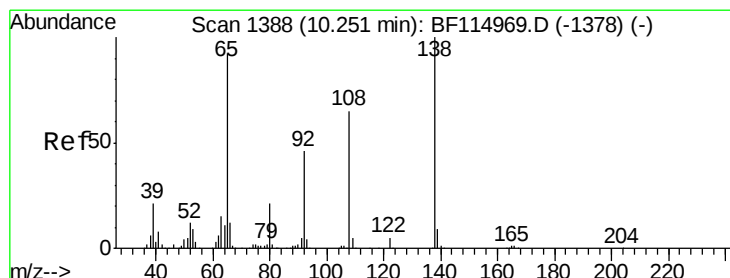
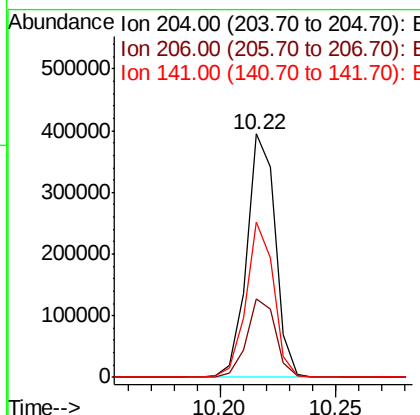
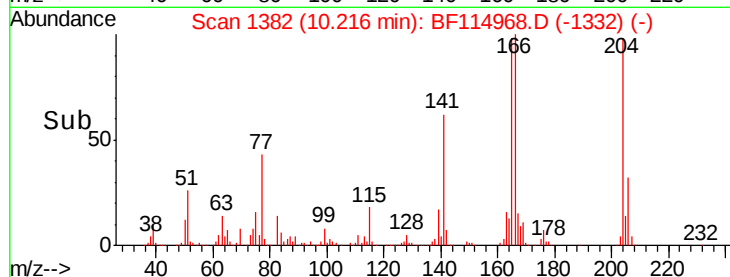
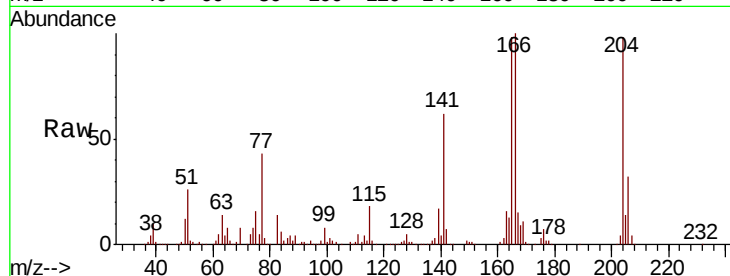




#61
4-Chlorophenyl-phenylether
Concen: 22.293 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

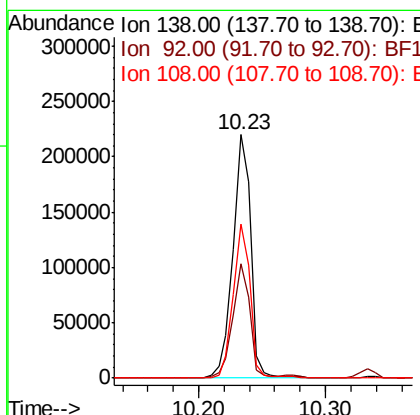
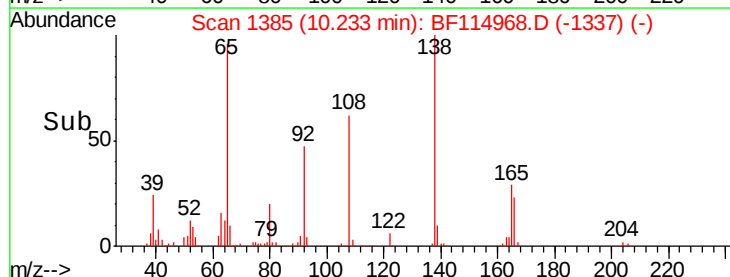
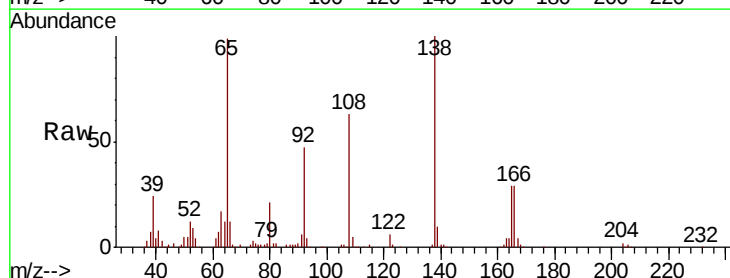
Instrument :
BNA_F
ClientSampleId :

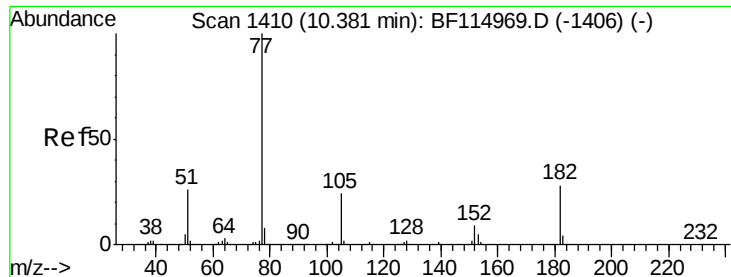
Tot Ion:204 Resp: 342117
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 63.7 51.8 77.8



#62
4-Nitroaniline
Concen: 20.380 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:138 Resp: 213922
Ion Ratio Lower Upper
138 100
92 47.1 25.7 65.7
108 63.1 44.6 84.6





#63

Azobenzene

Concen: 21.484 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 674920

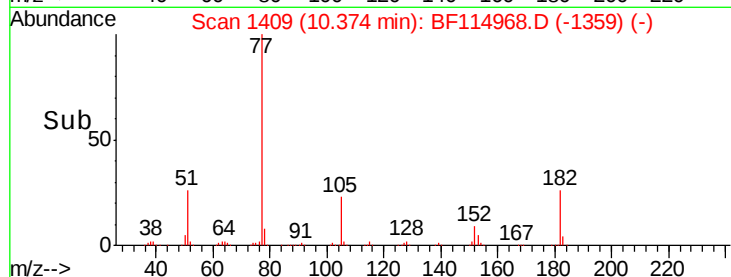
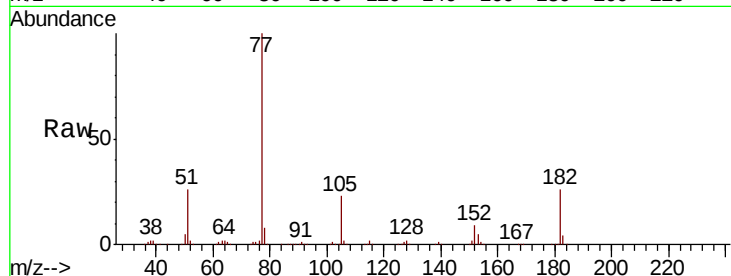
Ion Ratio Lower Upper

77 100

182 25.6 7.4 47.4

105 23.4 4.2 44.2

51 26.0 6.2 46.2

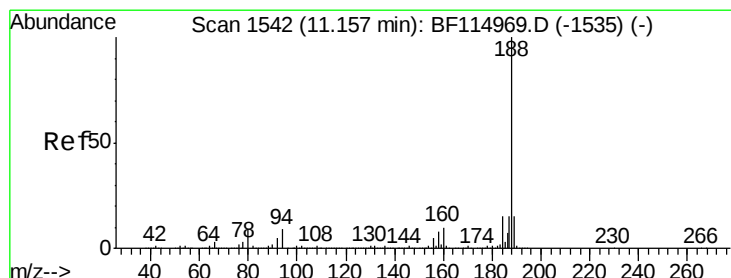
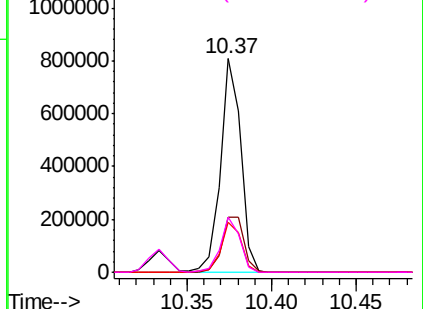


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

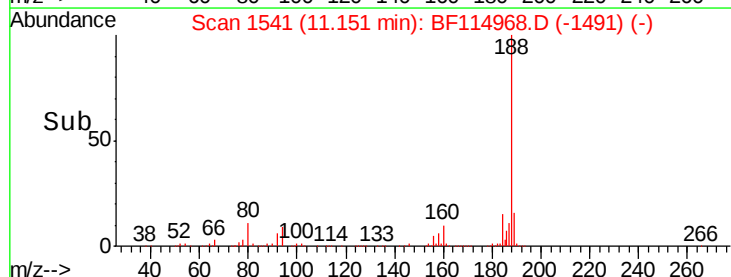
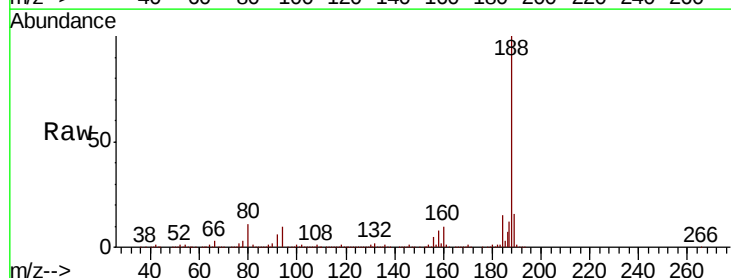
Tgt Ion: 188 Resp: 960249

Ion Ratio Lower Upper

188 100

94 10.3 7.2 10.8

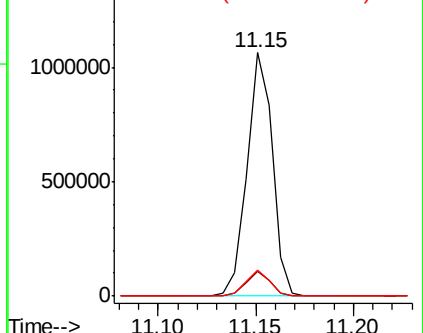
80 10.9 7.4 11.2

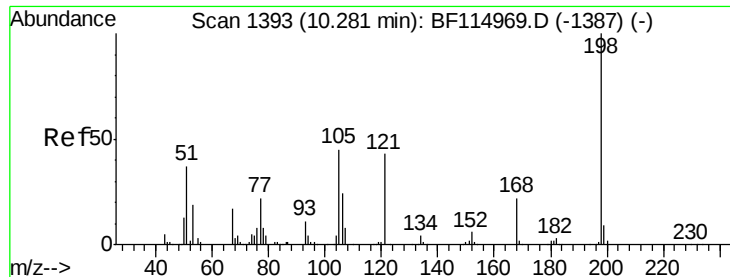


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 18.761 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

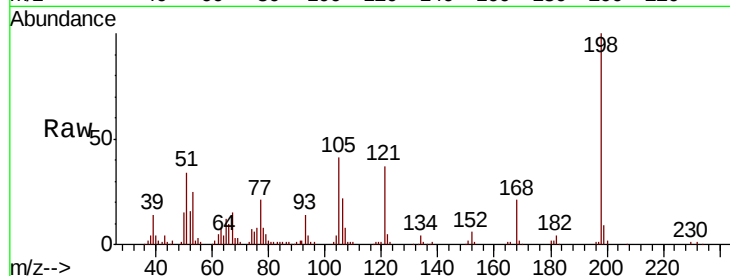
Tot Ion:198 Resp: 101031

Ion Ratio Lower Upper

198 100

51 33.9 23.0 63.0

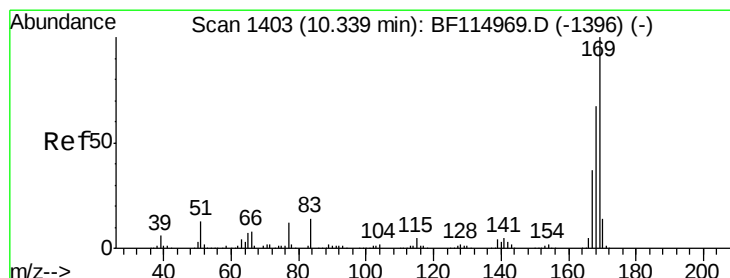
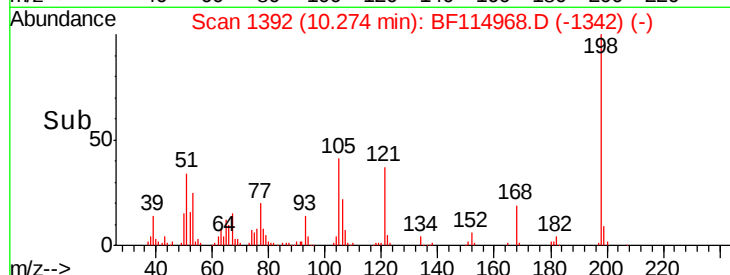
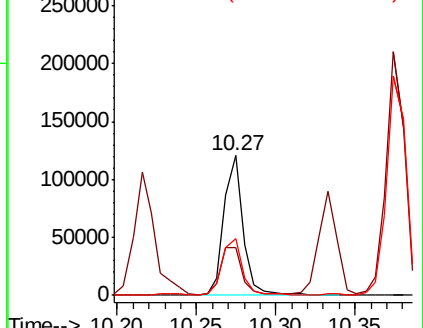
105 40.5 26.5 66.5



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: 22.209 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

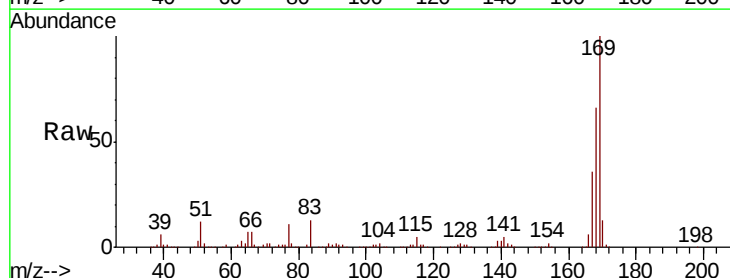
Tgt Ion:169 Resp: 633590

Ion Ratio Lower Upper

169 100

168 66.2 53.6 80.4

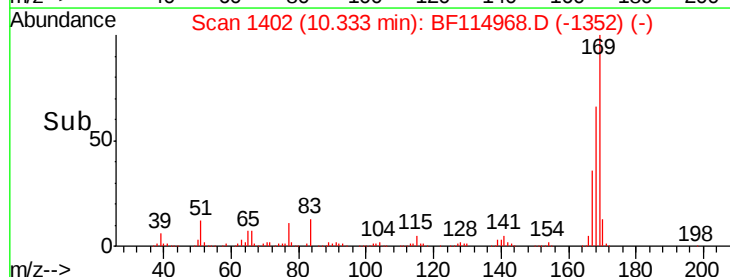
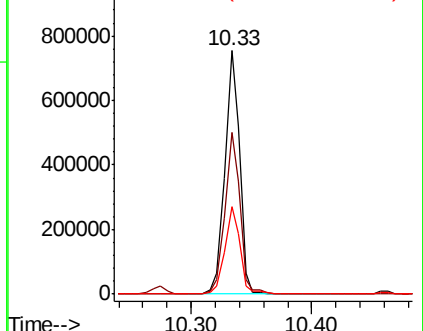
167 36.2 29.6 44.4

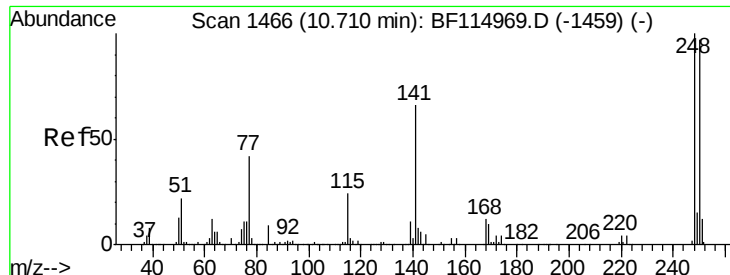


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

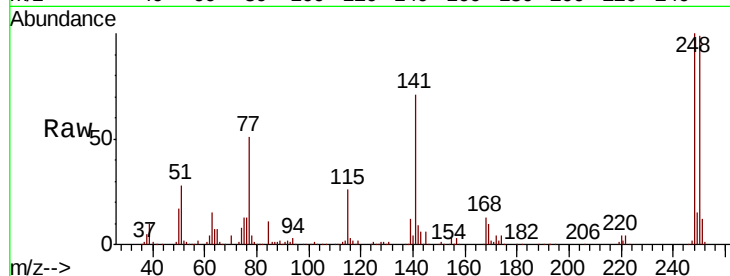




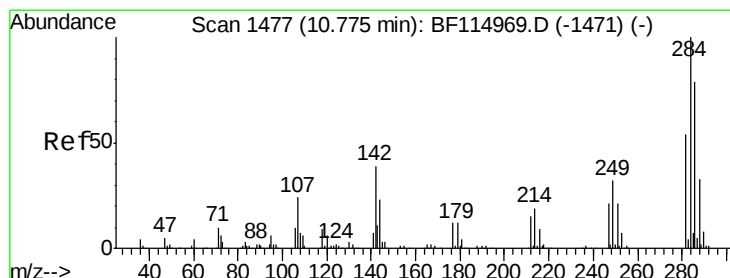
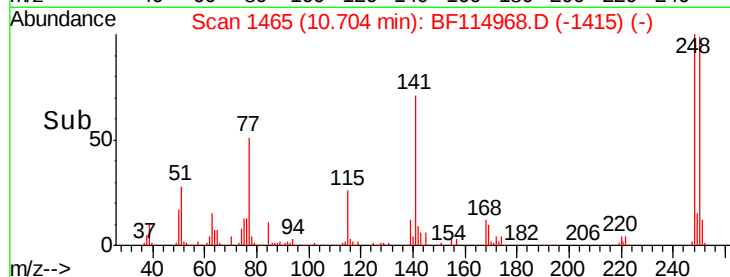
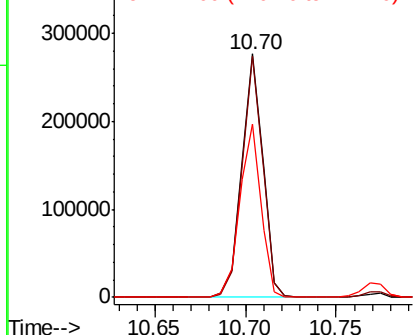
#67
4-Bromophenyl-phenylether
Concen: 21.500 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 223622
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 71.3 53.1 79.7

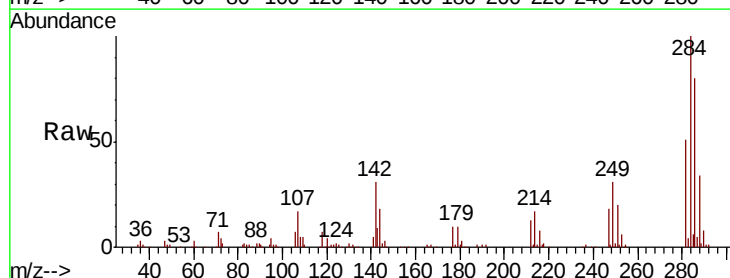


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

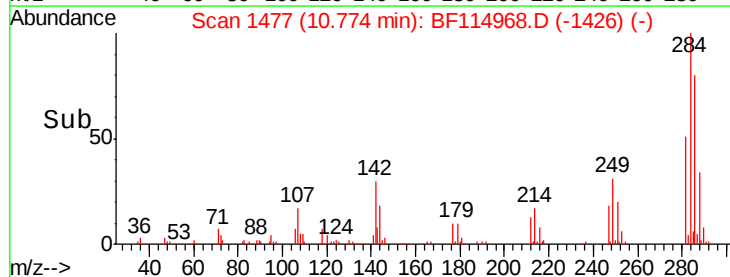
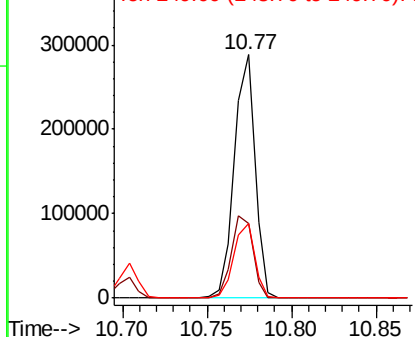


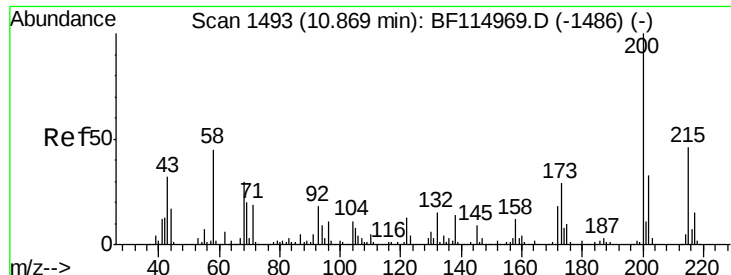
#68
Hexachlorobenzene
Concen: 21.424 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:284 Resp: 246075
Ion Ratio Lower Upper
284 100
142 30.7 31.5 47.3#
249 30.7 25.6 38.4



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

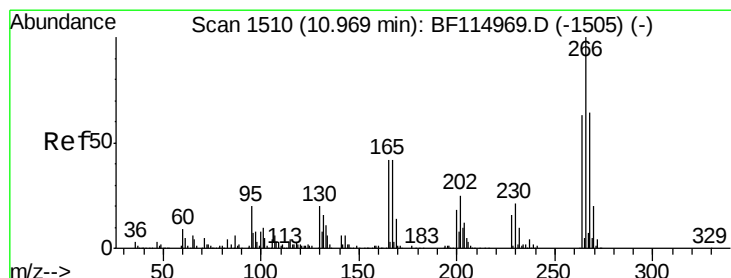
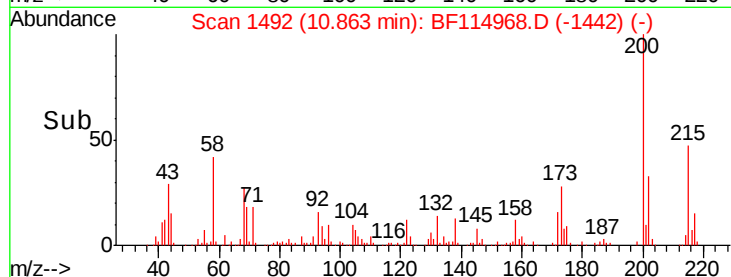
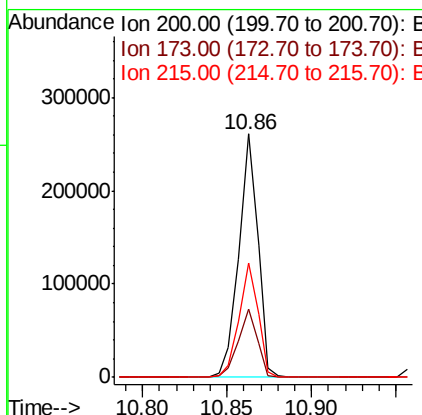
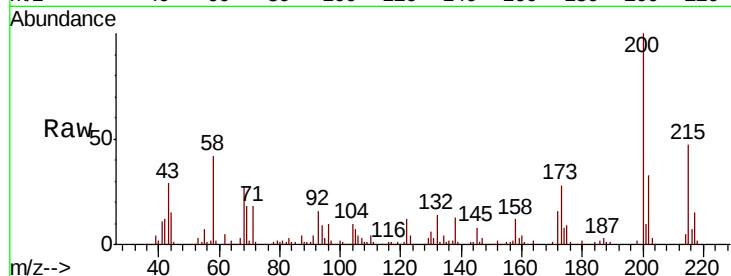




#69
 Atrazine
 Concen: 21.300 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

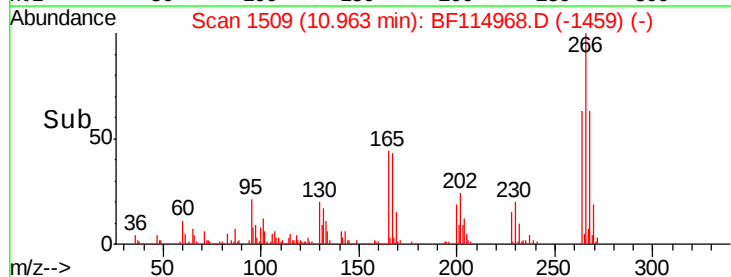
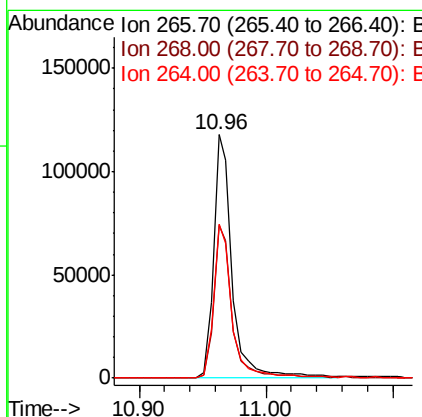
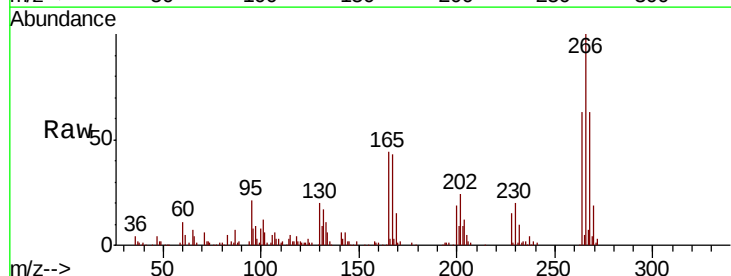
Instrument :
 BNA_F
 ClientSampleId :

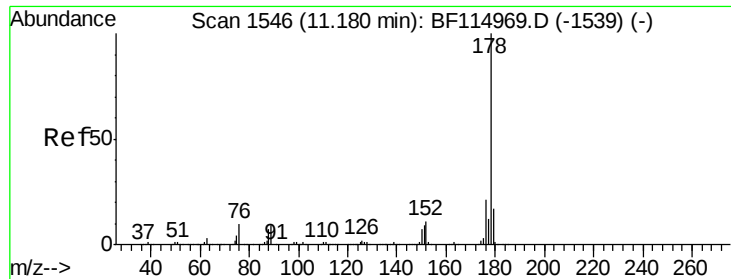
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	9.0	49.0
215	47.1	26.5	66.5



#70
 Pentachlorophenol
 Concen: 18.995 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.4	77.2
264	63.3	50.3	75.5

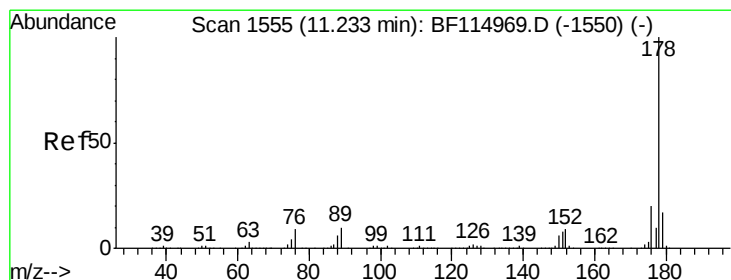
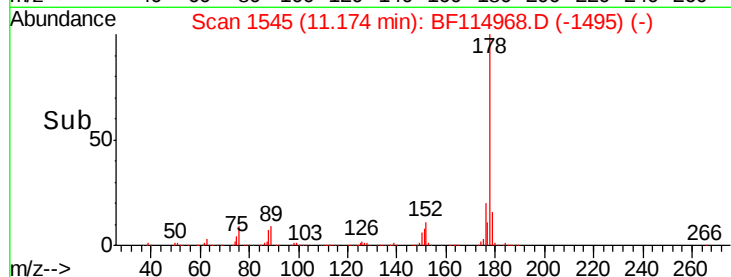
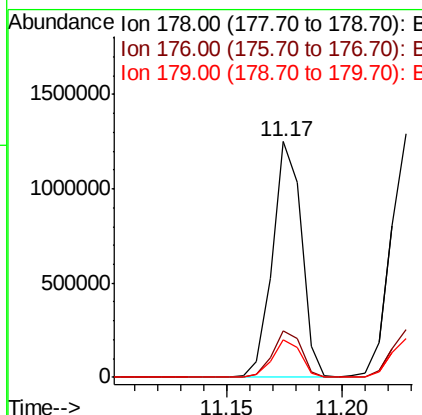
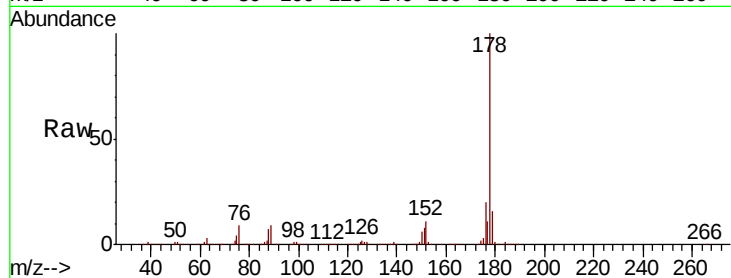




#71
Phenanthrene
Concen: 23.433 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

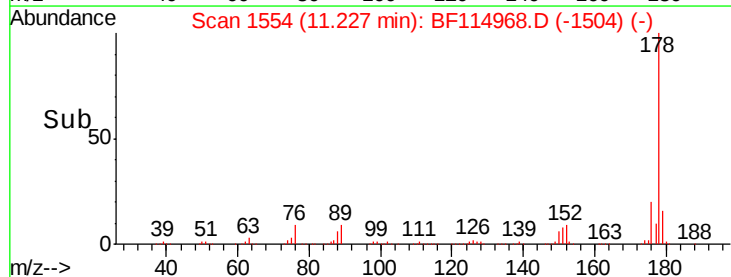
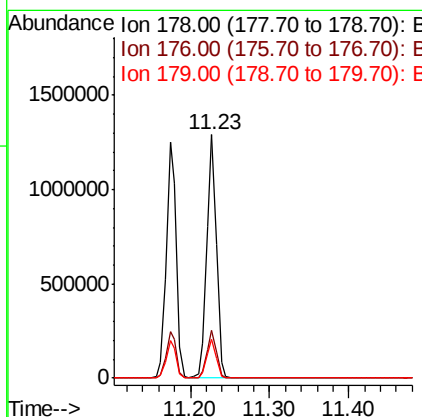
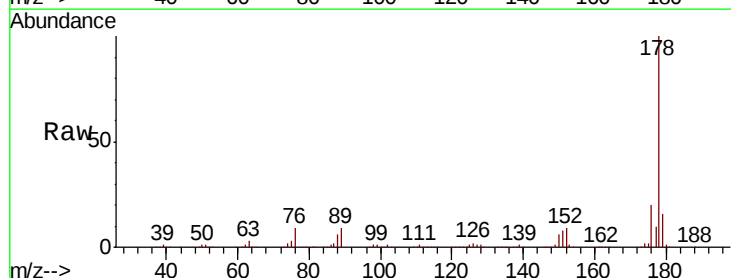
Instrument :
BNA_F
ClientSampleId :

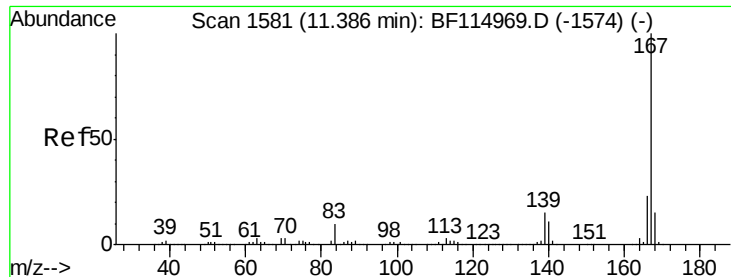
Tot Ion:178 Resp: 1091691
Ion Ratio Lower Upper
178 100
176 19.9 16.9 25.3
179 16.1 13.4 20.0



#72
Anthracene
Concen: 23.438 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:178 Resp: 1108297
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 16.2 13.2 19.8

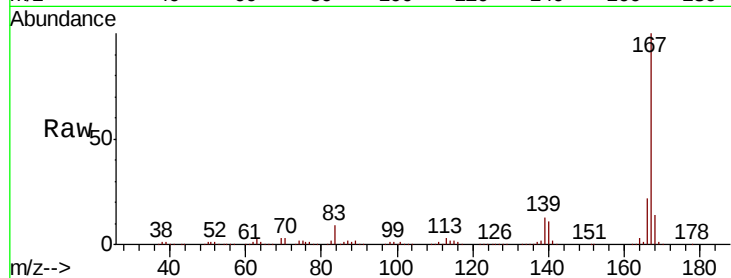




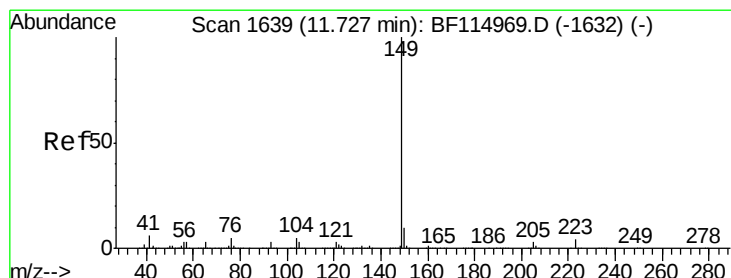
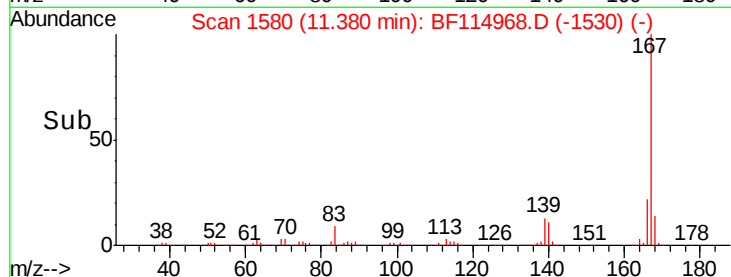
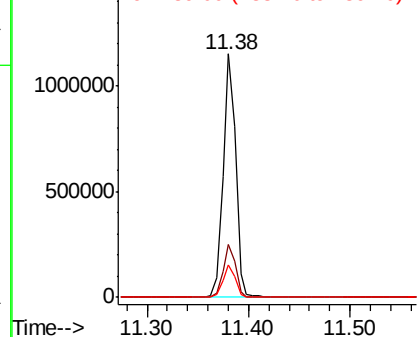
#73
 Carbazole
 Concen: 22.876 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 984856
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.5 27.7
 139 13.4 12.0 18.0

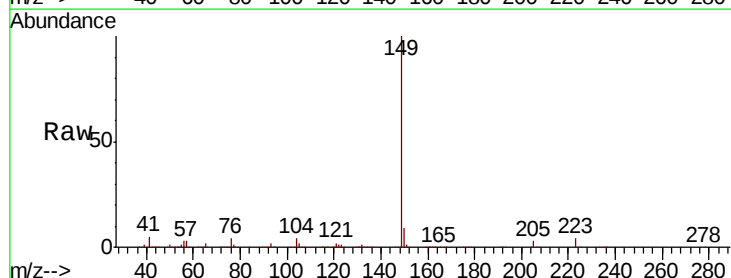


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

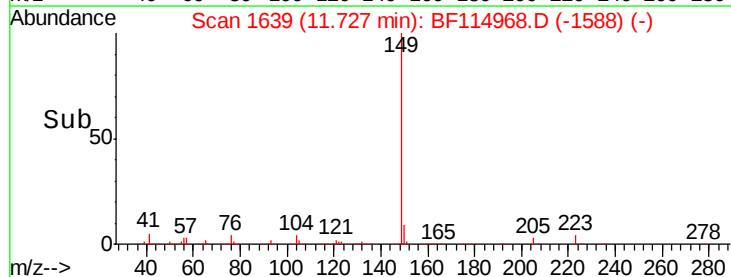
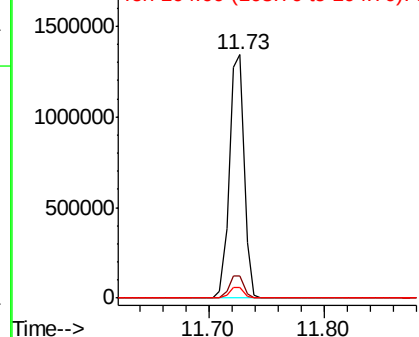


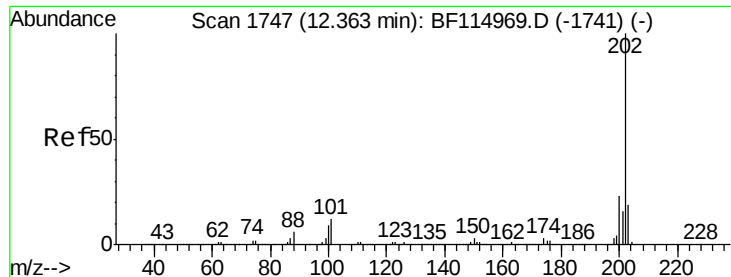
#74
 Di-n-butylphthalate
 Concen: 22.420 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF114968.D
 Acq: 12 Jun 2019 10:49

Tgt Ion:149 Resp: 1192908
 Ion Ratio Lower Upper
 149 100
 150 9.3 8.1 12.1
 104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 23.114 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

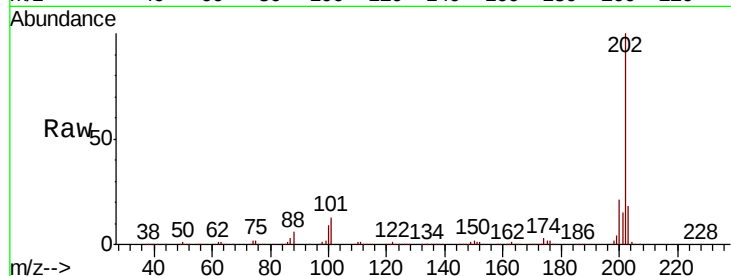
Tot Ion:202 Resp: 1113819

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.4

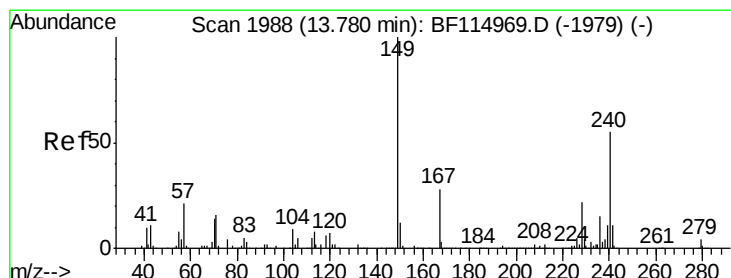
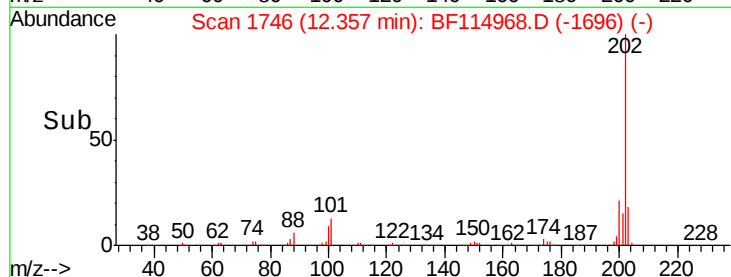
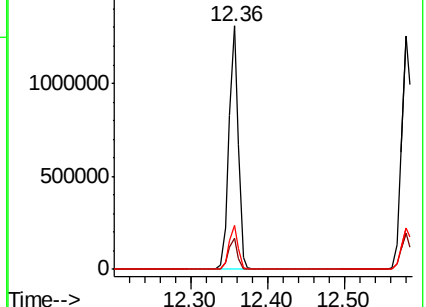
203 18.2 0.0 38.6



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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

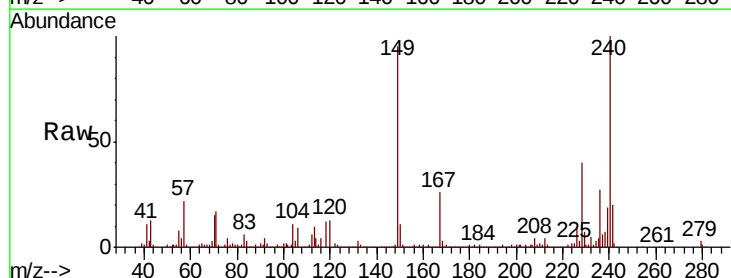
Tgt Ion:240 Resp: 653710

Ion Ratio Lower Upper

240 100

120 13.1 10.0 15.0

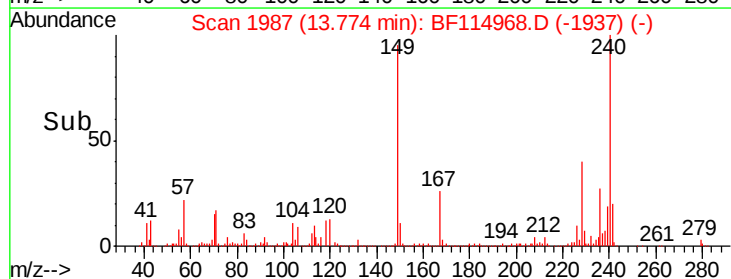
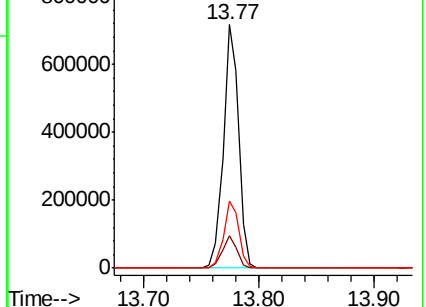
236 27.3 21.6 32.4

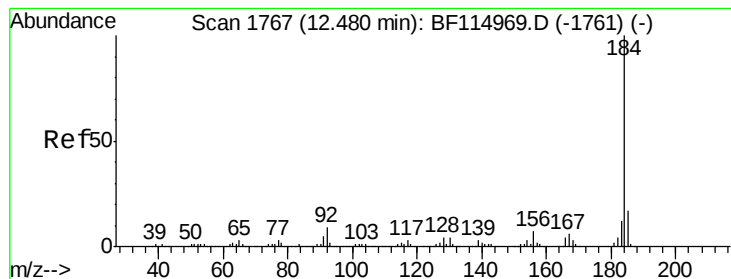


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.357 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

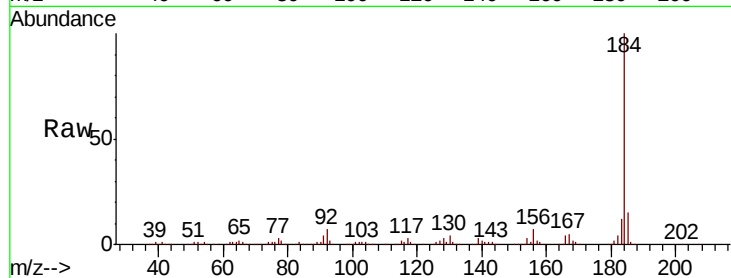
Tot Ion:184 Resp: 582376

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

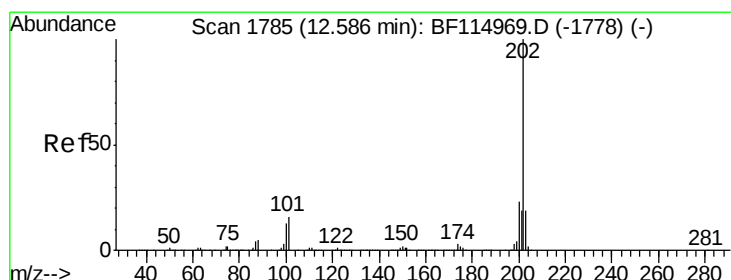
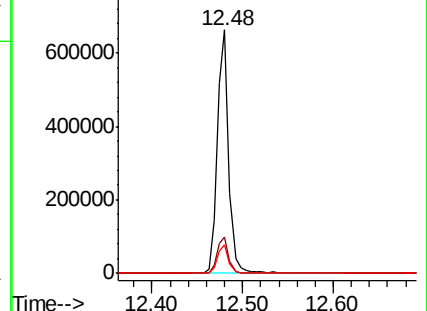
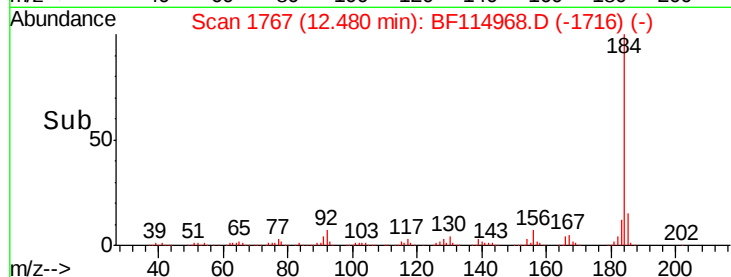
183 11.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 19.966 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

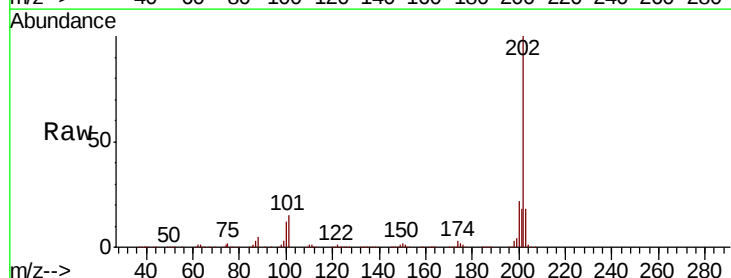
Tgt Ion:202 Resp: 1136733

Ion Ratio Lower Upper

202 100

200 21.6 18.4 27.6

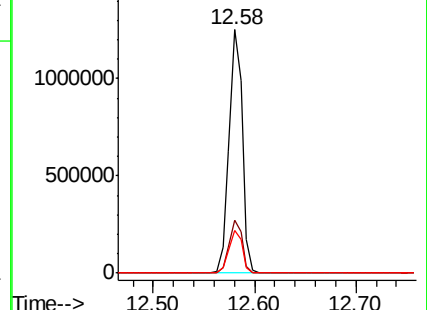
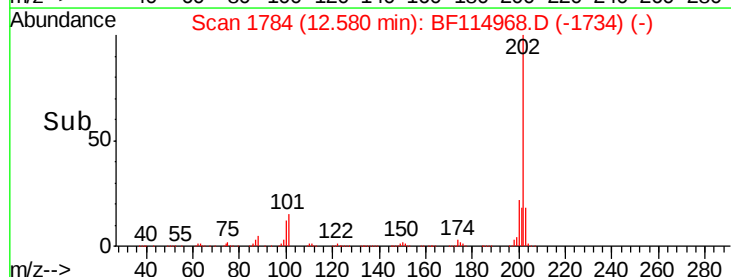
203 17.7 14.9 22.3

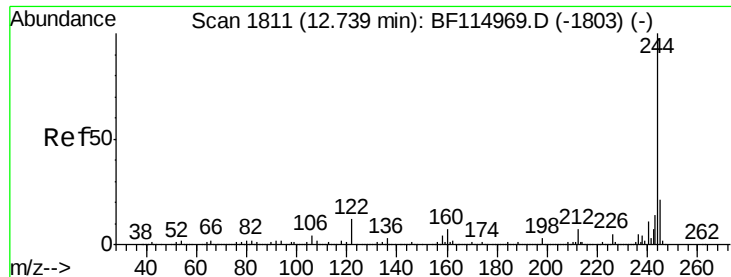


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 41.742 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

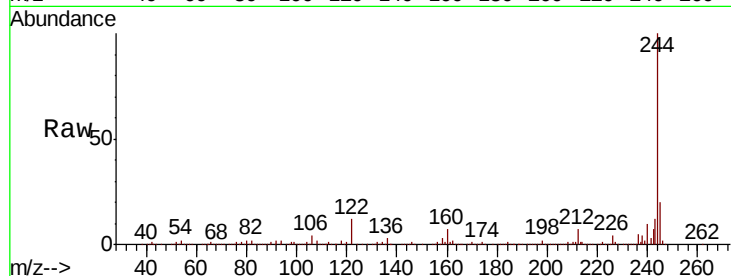
Tot Ion:244 Resp: 1372109

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

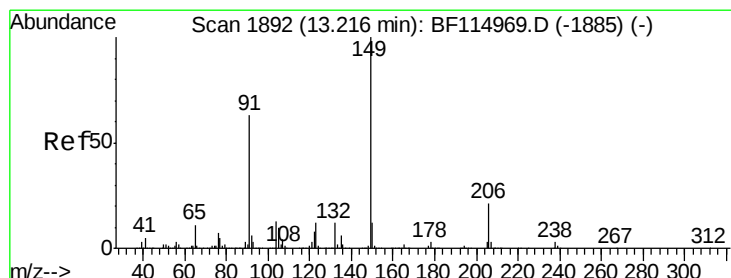
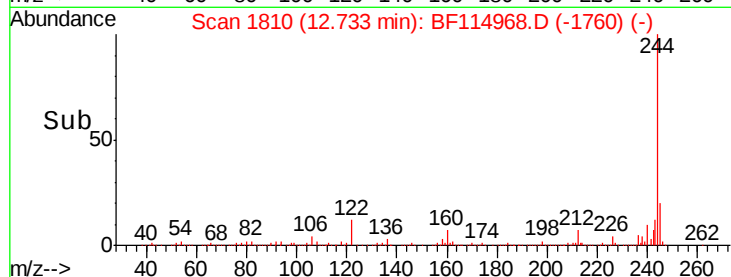
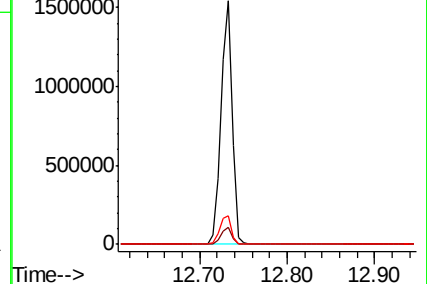
122 11.6 9.4 14.0



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: 17.938 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

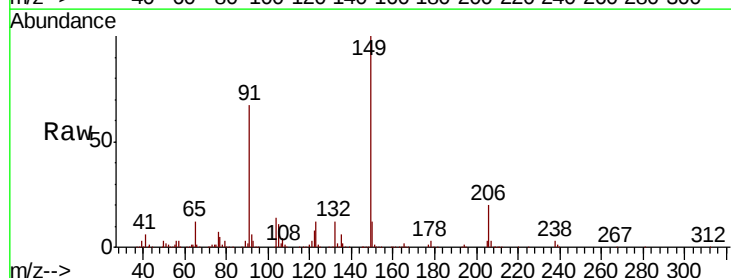
Tgt Ion:149 Resp: 503116

Ion Ratio Lower Upper

149 100

91 66.9 50.6 76.0

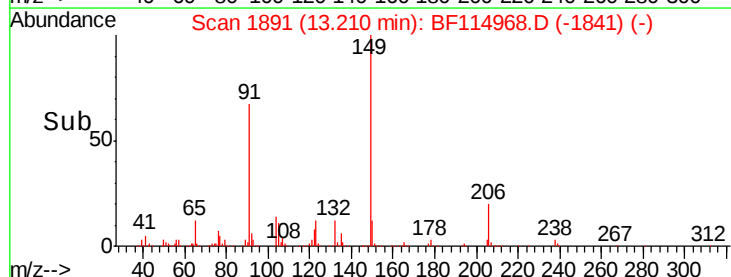
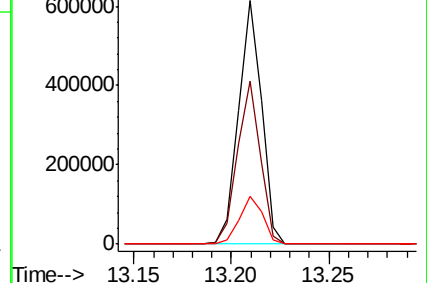
206 19.8 16.7 25.1

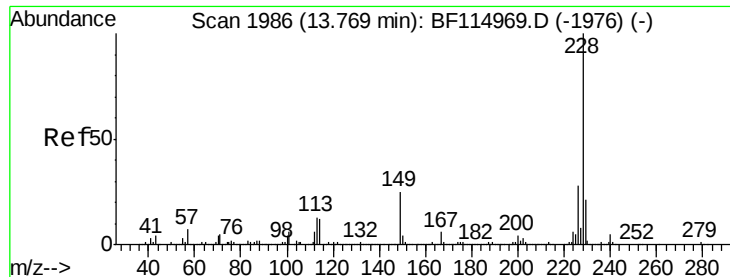


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 20.399 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF114968.D

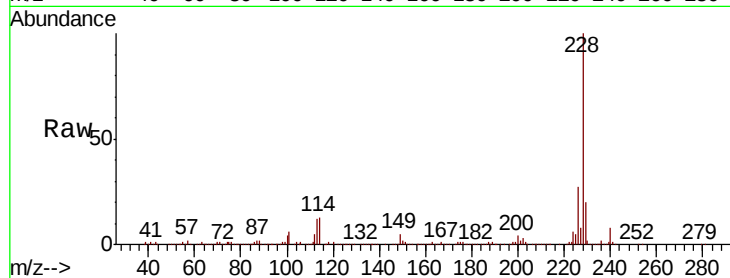
Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:	228	Resp:	986016
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	20.2	16.6	25.0

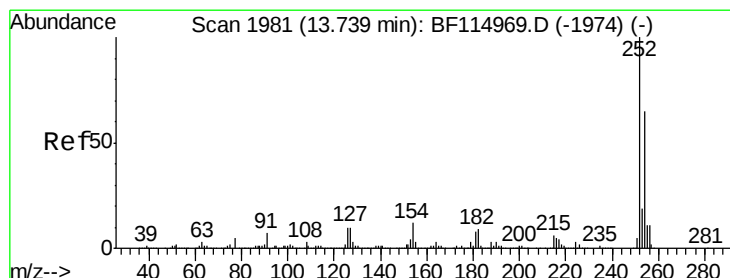
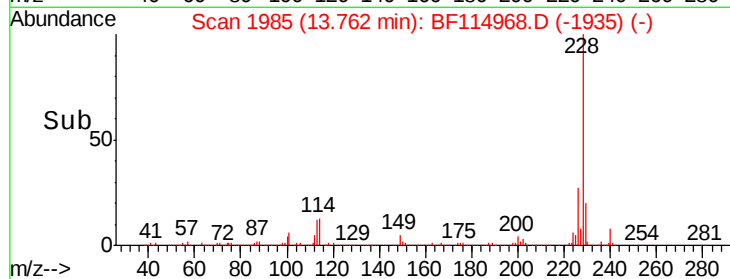
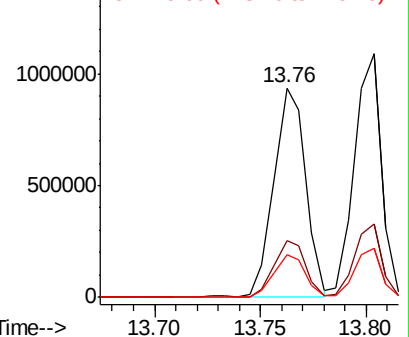


Abundance

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: 19.858 ng

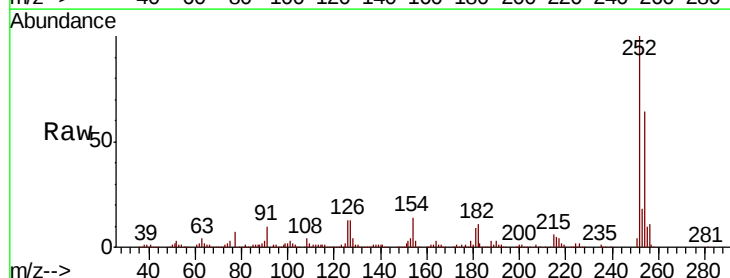
RT: 13.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Tgt Ion:	252	Resp:	391804
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.2	78.4
126	13.4	8.0	12.0#

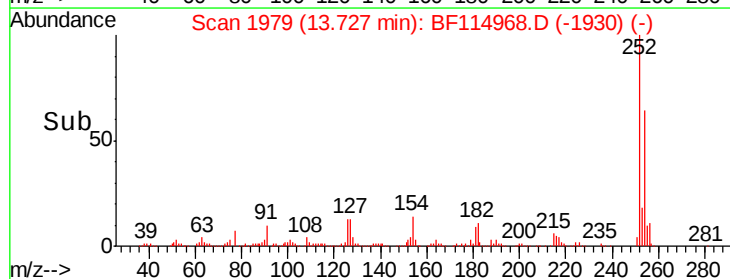
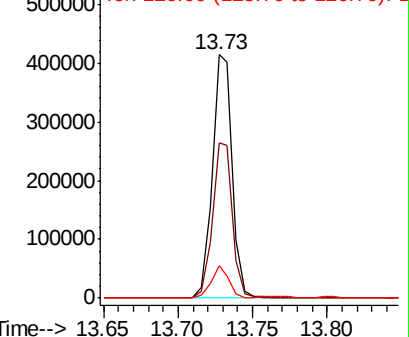


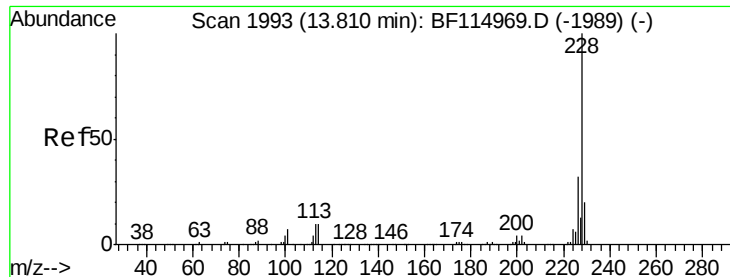
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 20.042 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampled :

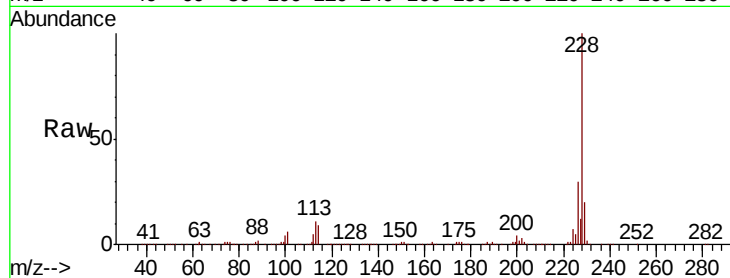
Tot Ion:228 Resp: 972820

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.0

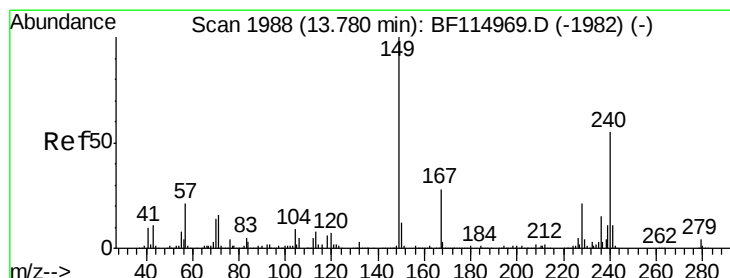
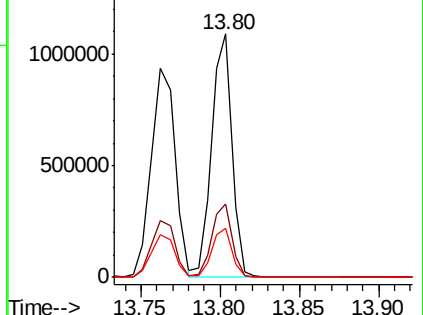
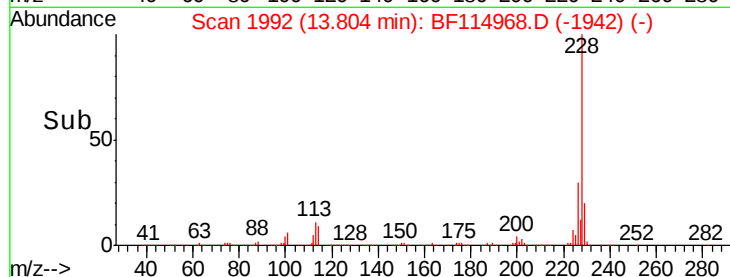
229 20.0 16.4 24.6



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: 19.260 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

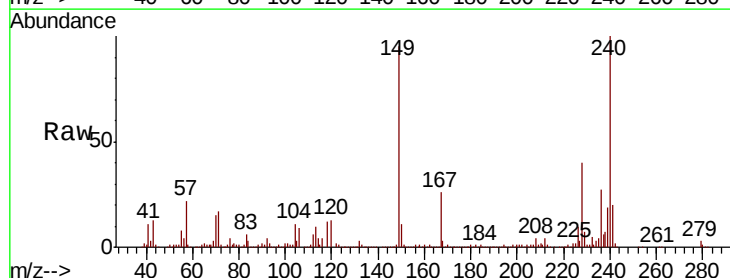
Tgt Ion:149 Resp: 632677

Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.4

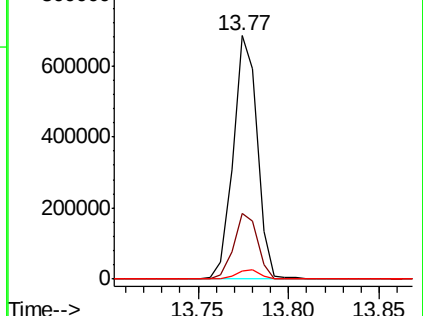
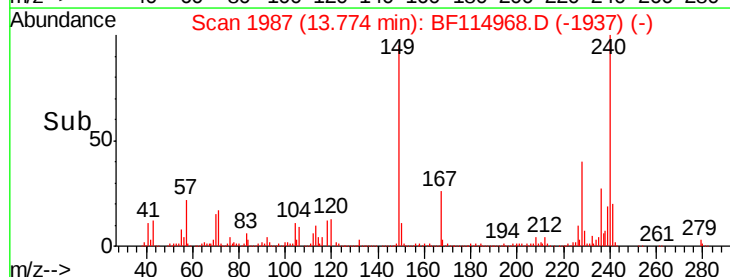
279 3.5 3.4 5.0

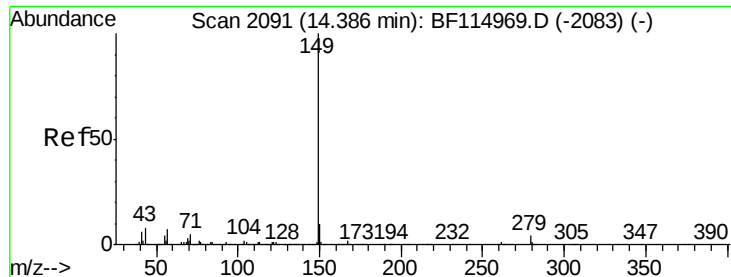


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 18.517 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

Instrument :

BNA_F

ClientSampleId :

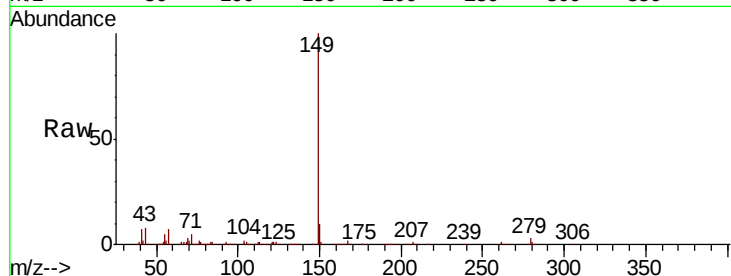
Tot Ion:149 Resp: 1111148

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

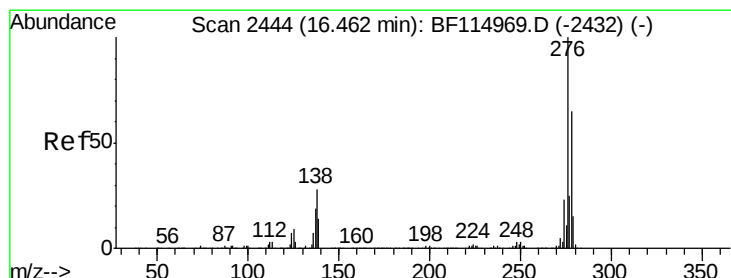
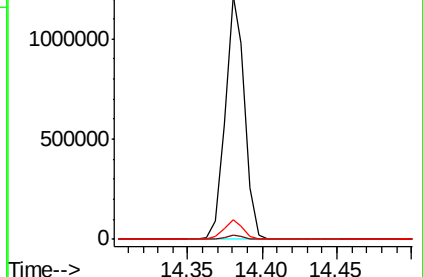
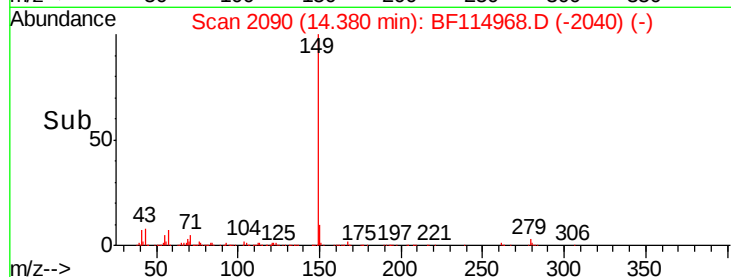
43 7.9 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 17.043 ng

RT: 16.45 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BF114968.D

Acq: 12 Jun 2019 10:49

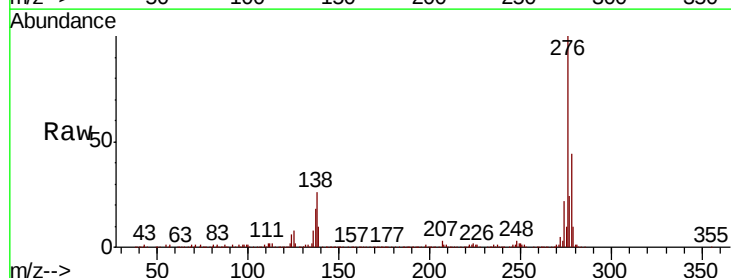
Tgt Ion:276 Resp: 777691

Ion Ratio Lower Upper

276 100

138 28.3 23.0 34.4

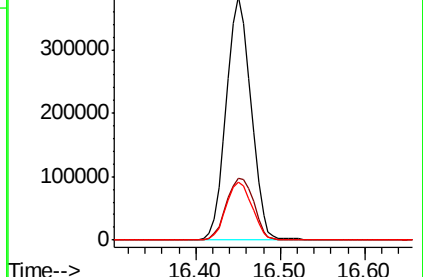
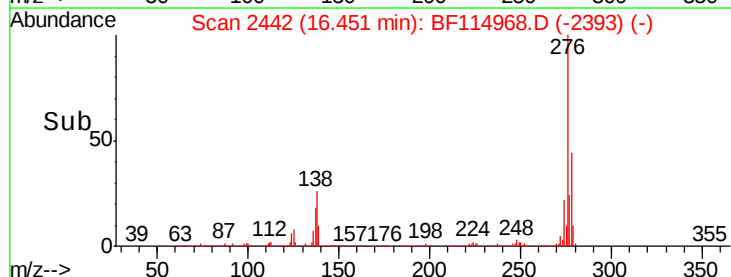
277 25.2 20.6 30.8

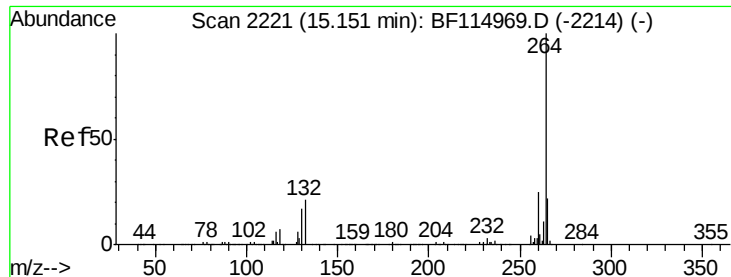


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

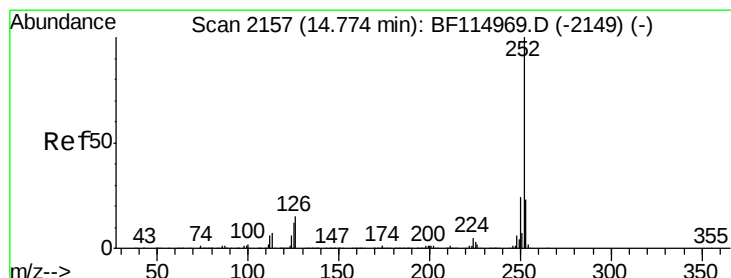
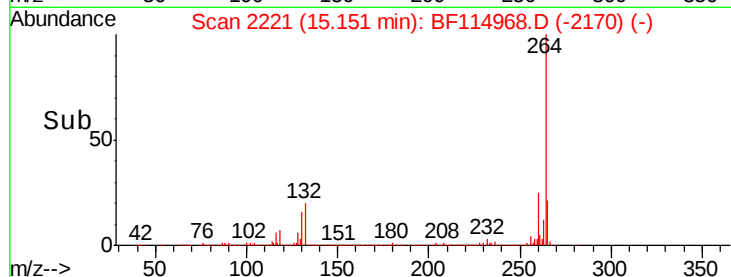
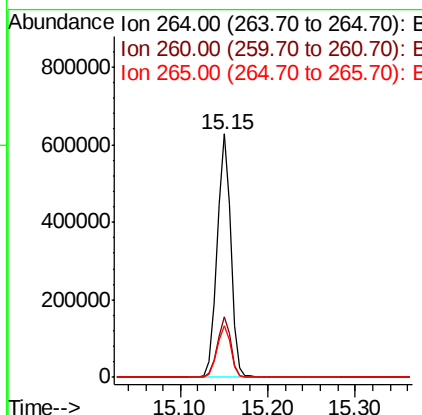
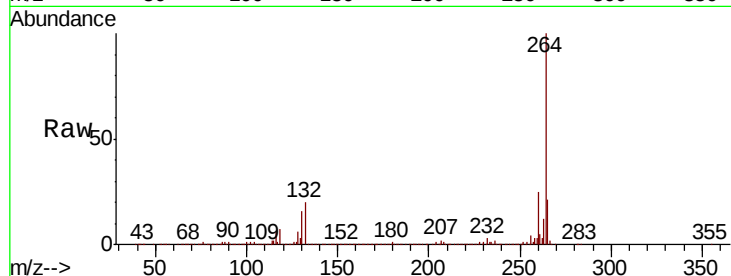




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

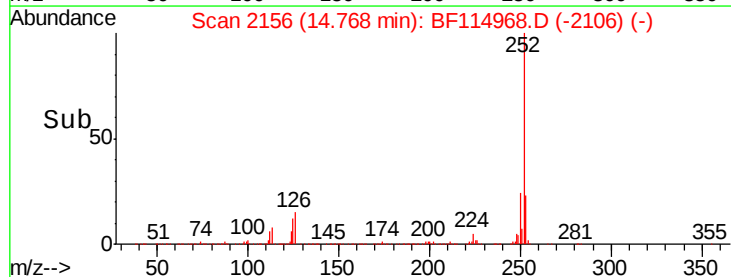
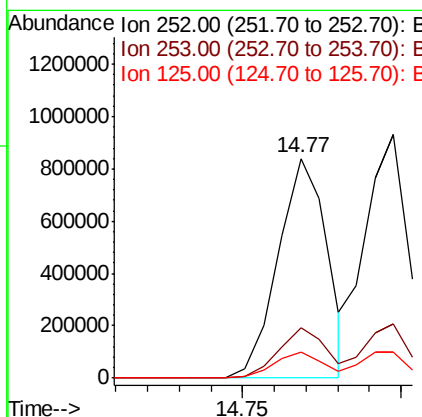
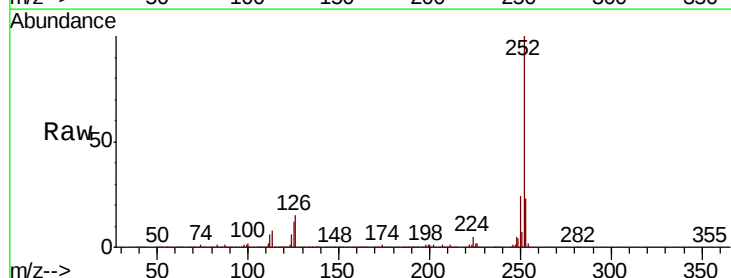
Instrument :
BNA_F
ClientSampleId :

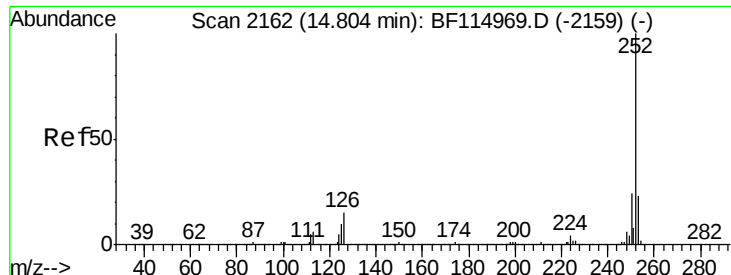
Tot Ion:264 Resp: 682695
Ion Ratio Lower Upper
264 100
260 24.6 19.9 29.9
265 21.4 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 20.330 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:252 Resp: 903585
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.7 9.4 14.0

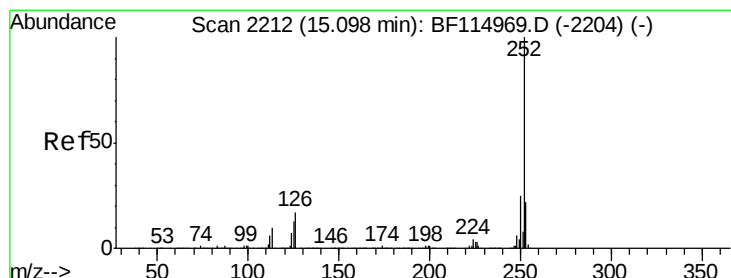
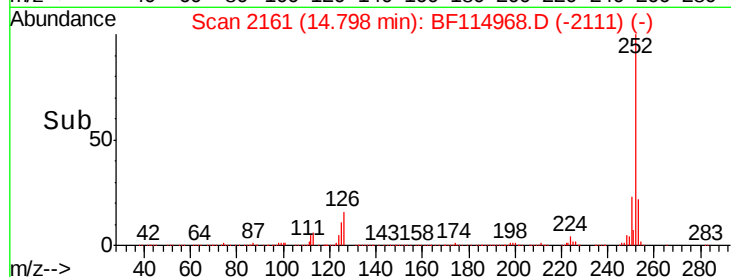
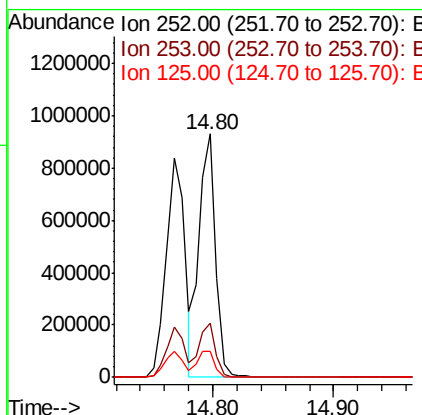
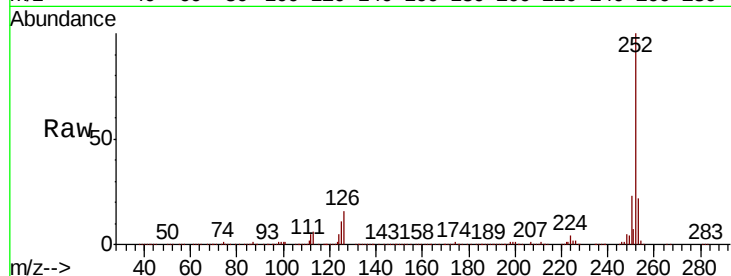




#89
Benzo(k)fluoranthene
Concen: 22.976 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

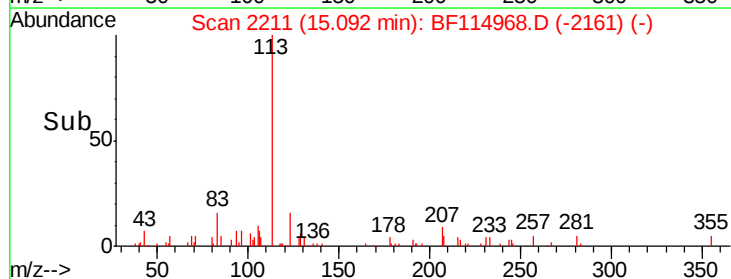
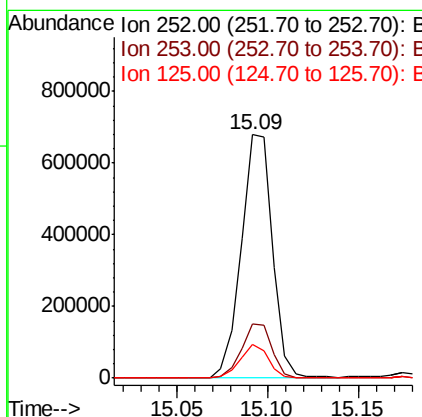
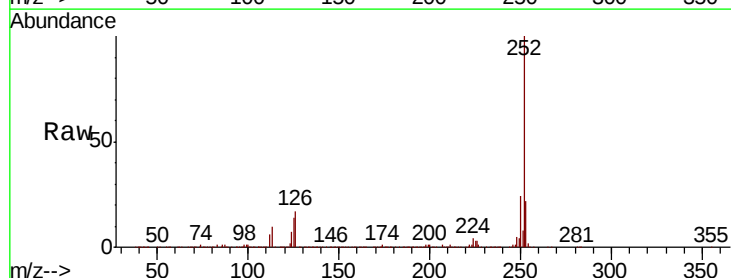
Instrument :
BNA_F
ClientSampleId :

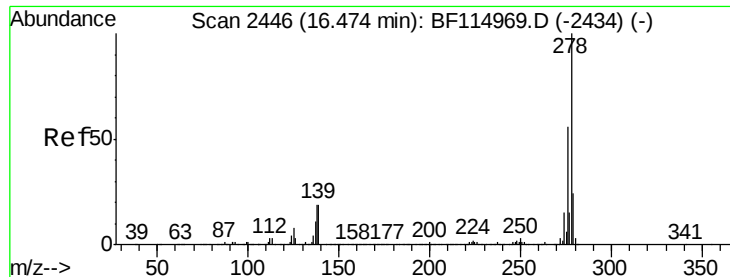
Tot Ion:252 Resp: 886218
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.6 8.2 12.4



#90
Benzo(a)pyrene
Concen: 21.051 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:252 Resp: 812659
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 13.6 10.7 16.1

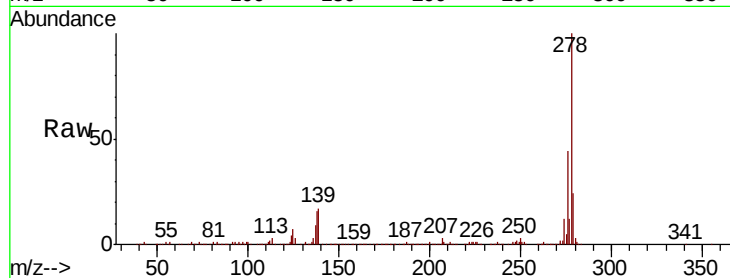




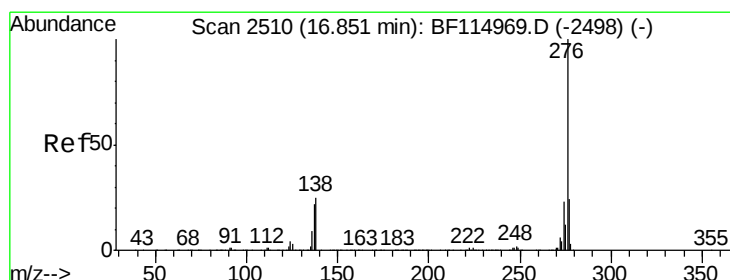
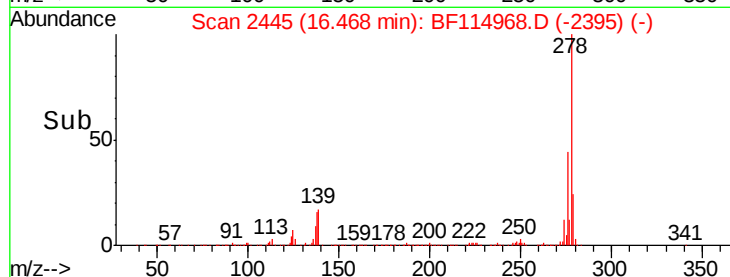
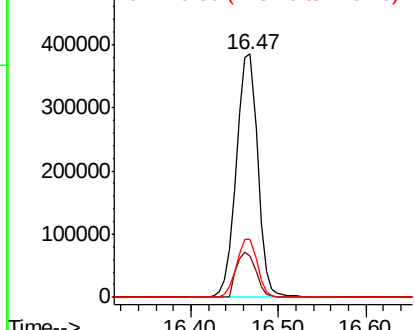
#91
Dibenzo(a,h)anthracene
Concen: 19.536 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 637062
Ion Ratio Lower Upper
278 100
139 16.8 15.3 22.9
279 23.6 19.2 28.8

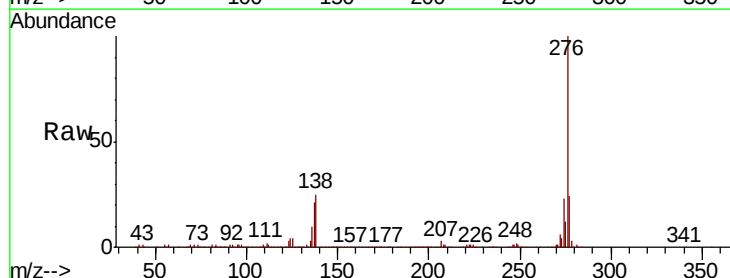


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 18.666 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BF114968.D
Acq: 12 Jun 2019 10:49

Tgt Ion:276 Resp: 606724
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 24.9 20.2 30.4



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

