

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118415.D
 Acq On : 31 Dec 2019 19:51
 Operator : JU
 Sample : K6114-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 01 00:36:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	86077	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	359370	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	189912	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	350958	20.00	ng	0.00
76) Chrysene-d12	14.06	240	205044	20.00	ng	0.00
87) Perylene-d12	15.55	264	224094	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	653625	129.62	ng	0.03
7) Phenol-d6	6.50	99	742162	118.64	ng	0.02
23) Nitrobenzene-d5	7.43	82	565499	90.00	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	332702	141.86	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1244968	100.07	ng	0.00
79) Terphenyl-d14	12.99	244	1281410	103.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.78	88	63977	31.915	ng	# 83
3) Pyridine	3.52	79	126755	23.733	ng	97
4) n-Nitrosodimethylamine	3.44	42	103452	46.850	ng	# 71
6) Aniline	6.52	93	73328	9.231	ng	# 15
8) 2-Chlorophenol	6.65	128	270460	47.357	ng	93
9) Benzaldehyde	6.41	77	146283	39.886	ng	95
10) Phenol	6.52	94	253520	36.058	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	234755	46.687	ng	99
12) 1,3-Dichlorobenzene	6.80	146	256300	38.967	ng	99
13) 1,4-Dichlorobenzene	6.87	146	257025	38.472	ng	95
14) 1,2-Dichlorobenzene	7.03	146	254737	40.386	ng	99
15) Benzyl Alcohol	7.00	79	241919	50.792	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	233062	43.437	ng	# 41
17) 2-Methylphenol	7.12	107	204637	44.674	ng	# 87
18) Hexachloroethane	7.36	117	93195	38.008	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	192637	49.988	ng	96
20) 3+4-Methylphenols	7.27	107	270377	46.119	ng	92
22) Acetophenone	7.27	105	385735	43.795	ng	96
24) Nitrobenzene	7.45	77	277634	44.110	ng	97
25) Isophorone	7.68	82	493590	45.075	ng	96
26) 2-Nitrophenol	7.76	139	145695	43.702	ng	# 87
27) 2,4-Dimethylphenol	7.80	122	220582	48.495	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	298326	41.657	ng	99
29) 2,4-Dichlorophenol	8.01	162	231792	44.274	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	252100	41.337	ng	98
31) Naphthalene	8.16	128	812645	44.491	ng	100
32) Benzoic acid	7.95	122	117796	32.718	ng	95
33) 4-Chloroaniline	8.22	127	53448	6.826	ng	97
34) Hexachlorobutadiene	8.27	225	145274	40.017	ng	97
35) Caprolactam	8.60	113	46079	28.192	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	252232	44.873	ng	100
37) 2-Methylnaphthalene	8.86	142	589696	47.154	ng	98
38) 1-Methylnaphthalene	8.96	142	558765	47.425	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	260731	45.694	ng	99

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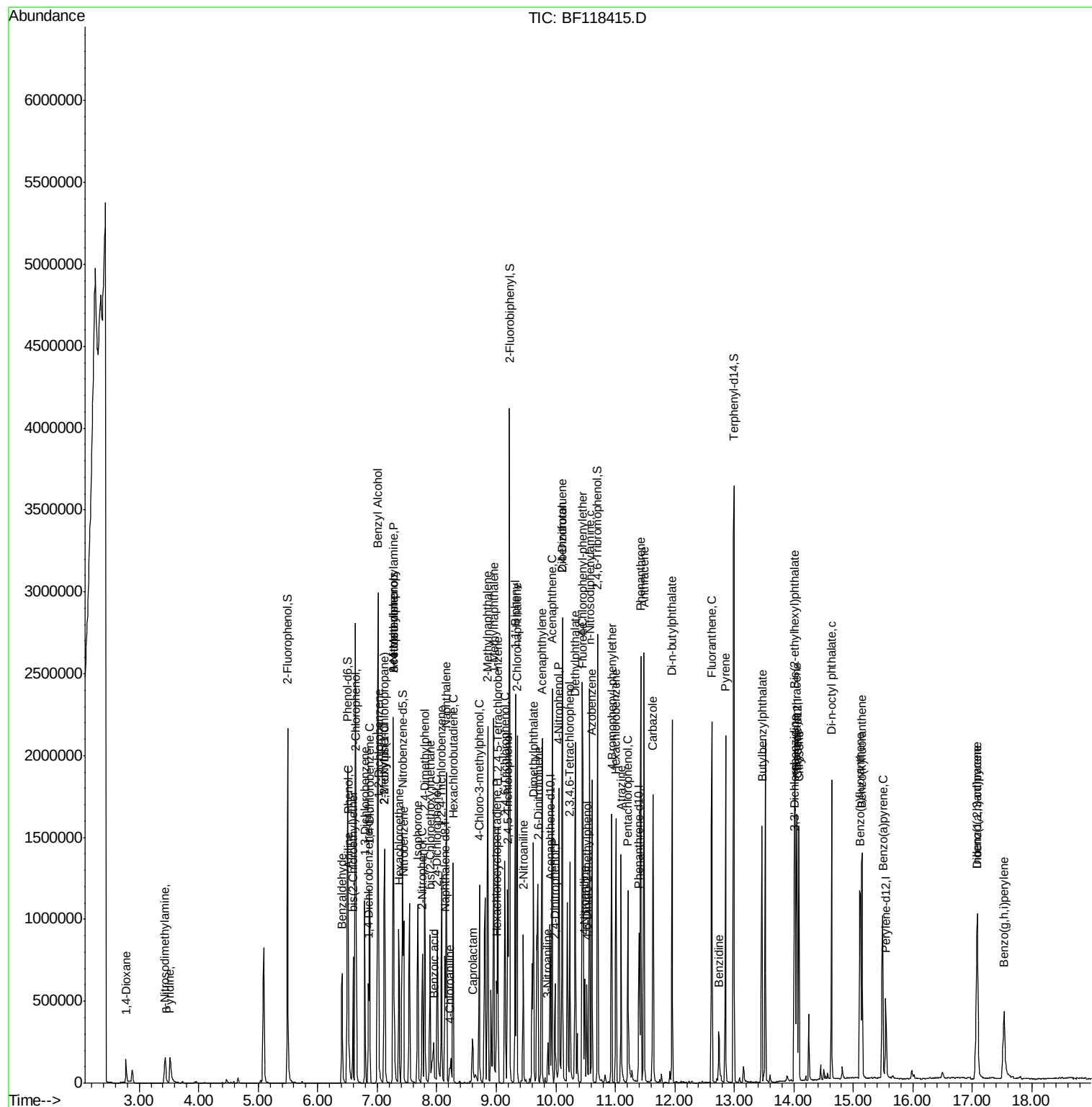
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	88660	41.768	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	172138	45.157	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	186135	47.466	ng	98
46) 1,1'-Biphenyl	9.32	154	713817	47.521	ng	99
47) 2-Chloronaphthalene	9.35	162	543348	44.944	ng	99
48) 2-Nitroaniline	9.45	65	164436	48.155	ng	91
49) Acenaphthylene	9.77	152	848341	47.315	ng	99
50) Dimethylphthalate	9.62	163	695296	48.774	ng	99
51) 2,6-Dinitrotoluene	9.70	165	150186	48.867	ng	93
52) Acenaphthene	9.94	154	492304	45.078	ng	99
53) 3-Nitroaniline	9.87	138	47377	13.134	ng	91
54) 2,4-Dinitrophenol	9.99	184	92486	61.000	ng	92
55) Dibenzofuran	10.12	168	787677	48.812	ng	98
56) 4-Nitrophenol	10.05	139	166021	74.553	ng	97
57) 2,4-Dinitrotoluene	10.11	165	202162	49.227	ng	# 80
58) Fluorene	10.46	166	612696	47.034	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	159079	47.743	ng	97
60) Diethylphthalate	10.33	149	721148	51.134	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	311948	47.970	ng	98
62) 4-Nitroaniline	10.49	138	127482	34.019	ng	93
63) Azobenzene	10.61	77	595123	49.265	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	71067	37.536	ng	82
66) n-Nitrosodiphenylamine	10.57	169	542820	48.259	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	195240	47.536	ng	99
68) Hexachlorobenzene	11.01	284	204355	42.270	ng	95
69) Atrazine	11.10	200	190062	54.749	ng	98
70) Pentachlorophenol	11.22	266	167915	80.198	ng	99
71) Phenanthrene	11.43	178	864151	45.167	ng	99
72) Anthracene	11.48	178	917876	47.930	ng	99
73) Carbazole	11.63	167	767515	45.167	ng	99
74) Di-n-butylphthalate	11.96	149	1144016	53.096	ng	100
75) Fluoranthene	12.62	202	841433	43.578	ng	98
77) Benzidine	12.74	184	140388	24.987	ng	97
78) Pyrene	12.85	202	816102	48.740	ng	100
80) Butylbenzylphthalate	13.46	149	360535	47.822	ng	98
81) Benzo(a)anthracene	14.04	228	625786	43.601	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	154446	31.738	ng	99
83) Chrysene	14.09	228	523362	38.083	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	590943	59.610	ng	98
85) Di-n-octyl phthalate	14.63	149	855454	58.663	ng	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	530187	45.278	ng	99
88) Benzo(b)fluoranthene	15.12	252	608158	40.884	ng	99
89) Benzo(k)fluoranthene	15.14	252	578194	40.481	ng	98
90) Benzo(a)pyrene	15.49	252	540084	41.215	ng	98
91) Dibenzo(a,h)anthracene	17.09	278	468786	41.225	ng	99
92) Benzo(g,h,i)perylene	17.53	276	439248	39.987	ng	100

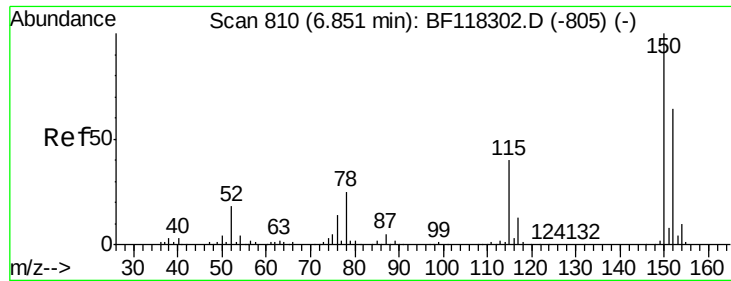
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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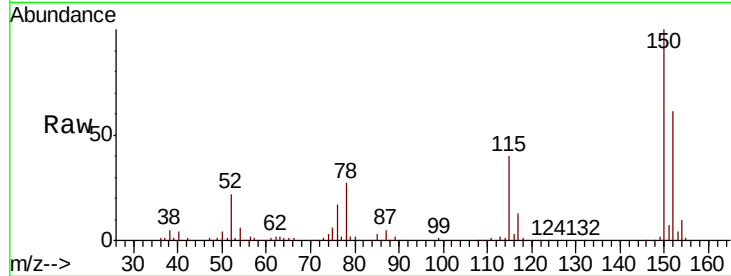


#1

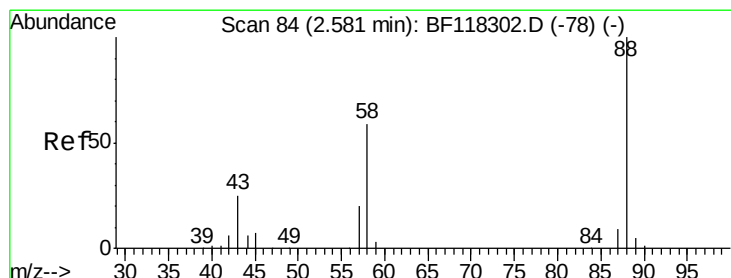
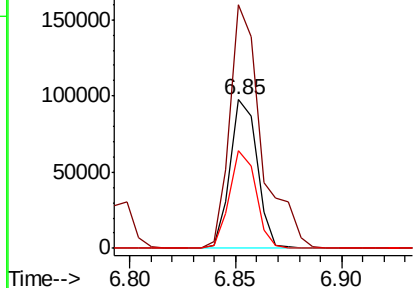
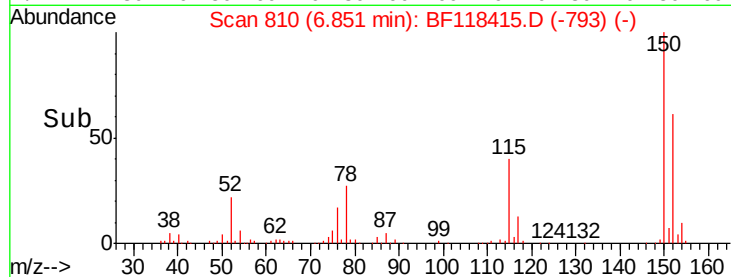
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86077
Ion Ratio Lower Upper
152 100
150 163.7 125.4 188.2
115 65.7 50.2 75.4



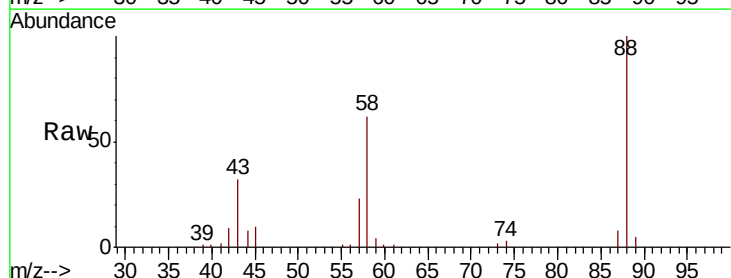
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



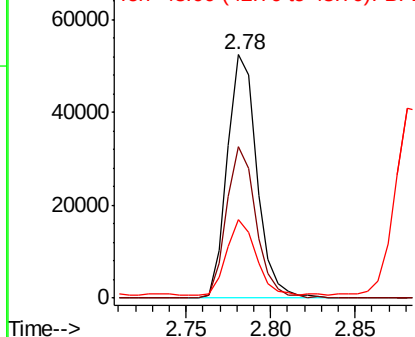
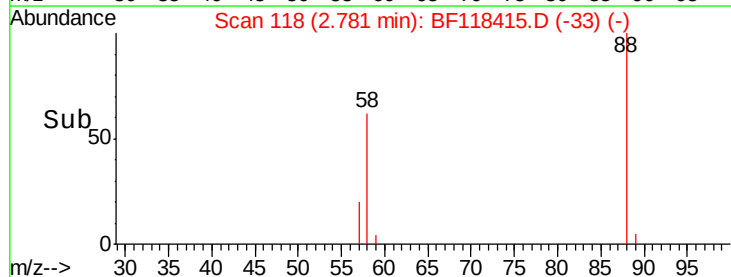
#2

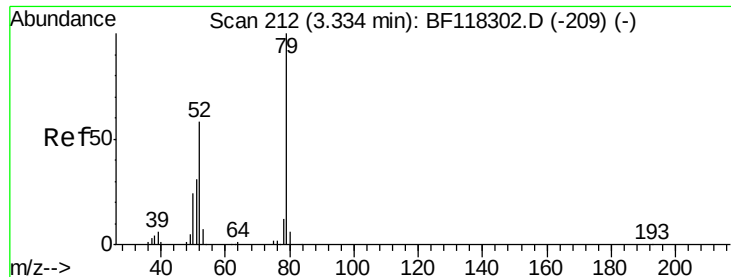
1,4-Dioxane
Concen: 31.915 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.20 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion: 88 Resp: 63977
Ion Ratio Lower Upper
88 100
58 61.8 47.6 71.4
43 0.0 20.6 30.8#



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: 23.733 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.18 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

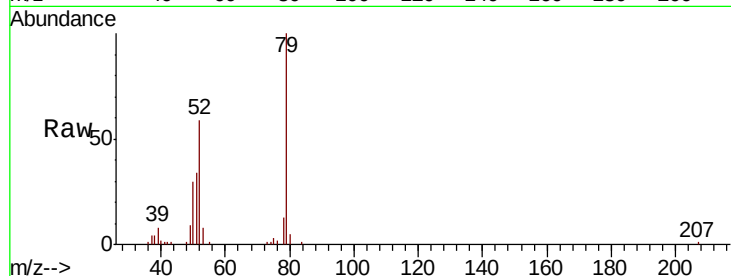
Tot Ion: 79 Resp: 126755

Ion Ratio Lower Upper

79 100

52 59.0 46.4 69.6

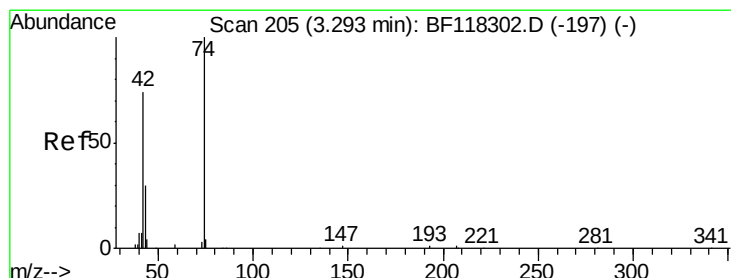
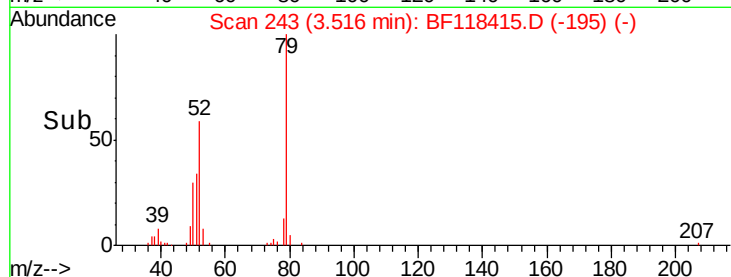
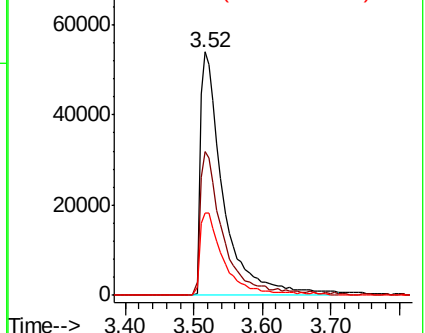
51 33.6 24.9 37.3



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: 46.850 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.15 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

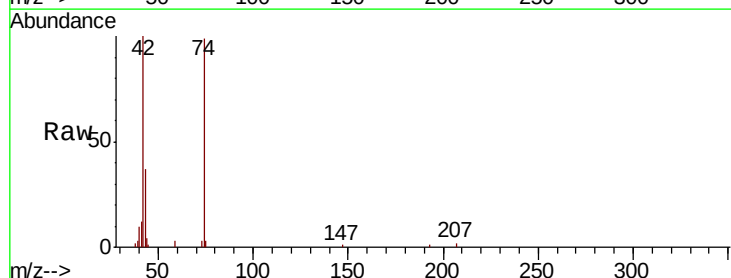
Tgt Ion: 42 Resp: 103452

Ion Ratio Lower Upper

42 100

74 99.0 107.7 161.5#

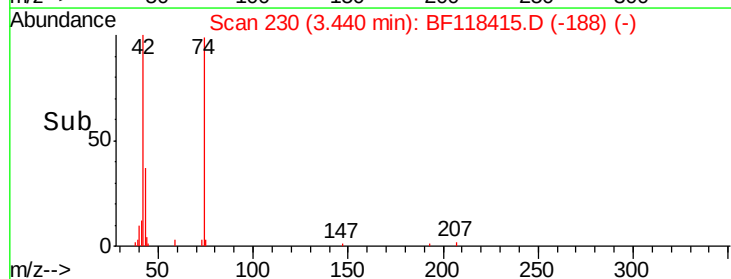
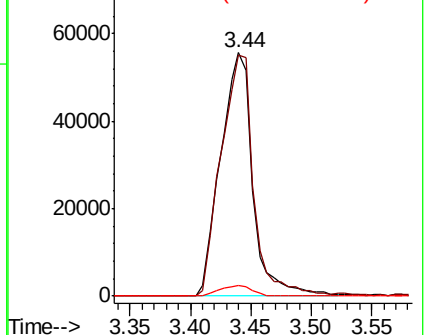
44 4.3 4.8 7.2#

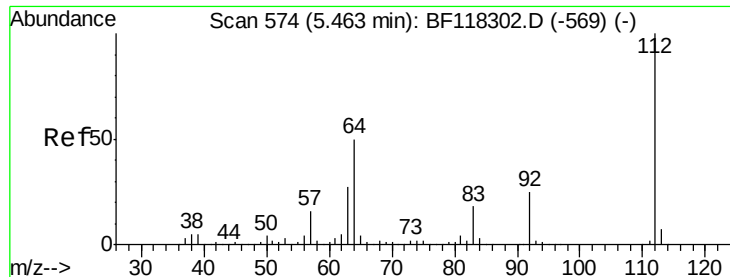


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 129.620 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.03 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampled :

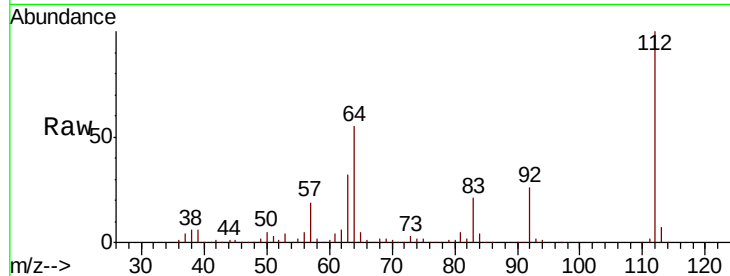
Tot Ion: 112 Resp: 653625

Ion Ratio Lower Upper

112 100

64 54.5 39.7 59.5

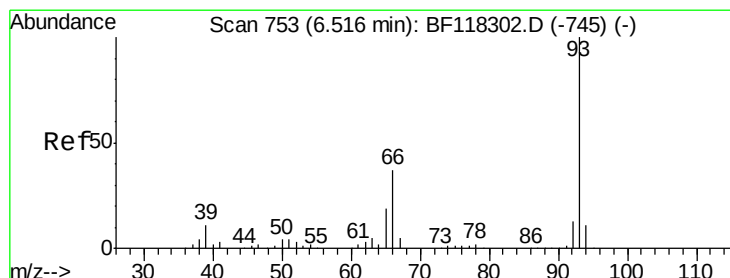
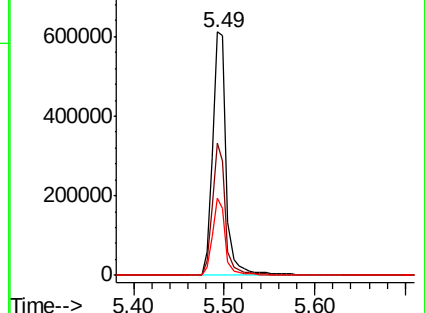
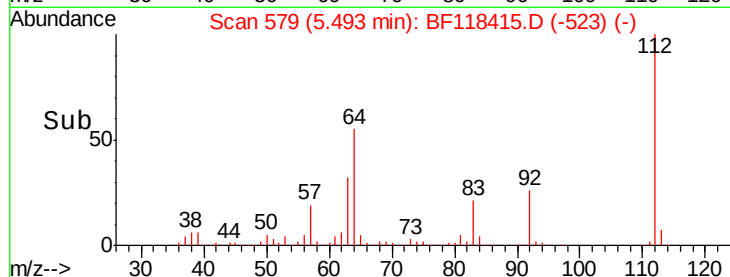
63 31.5 21.7 32.5



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: 9.231 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

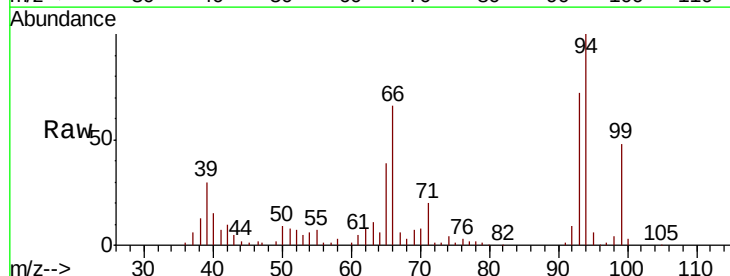
Tgt Ion: 93 Resp: 73328

Ion Ratio Lower Upper

93 100

66 91.9 30.2 45.4#

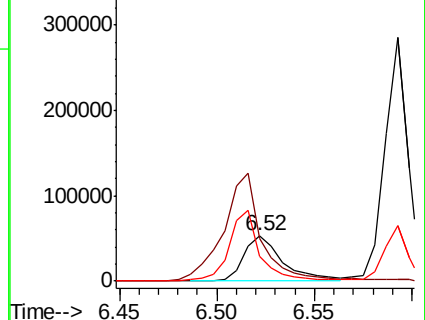
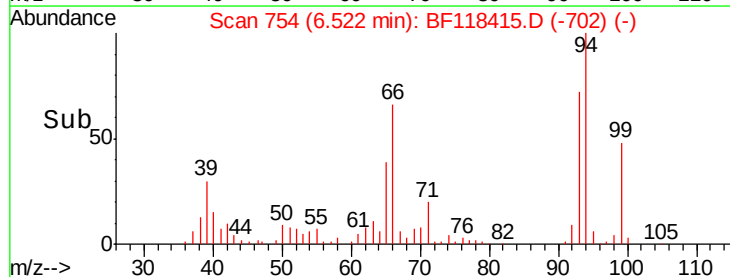
65 54.6 15.7 23.5#

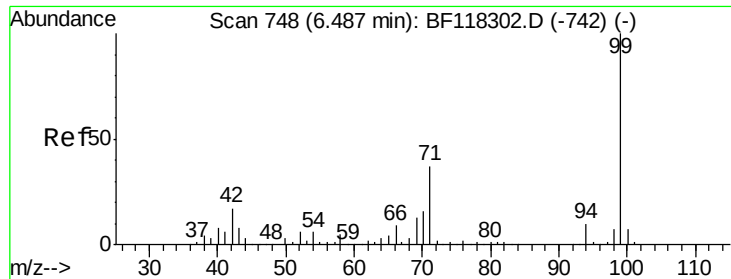


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.642 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF118415.D

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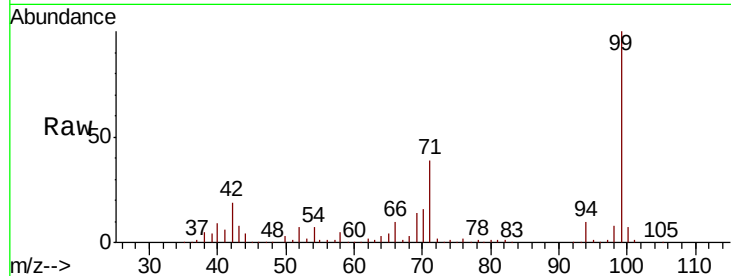
Tot Ion: 99 Resp: 742162

Ion Ratio Lower Upper

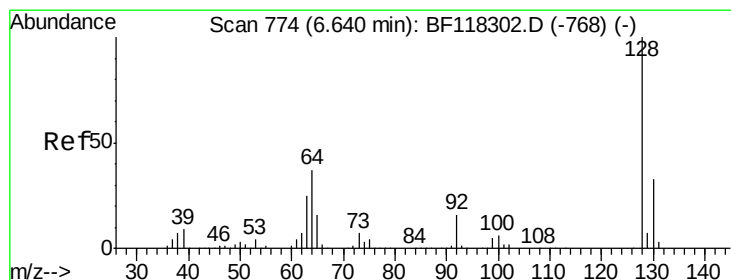
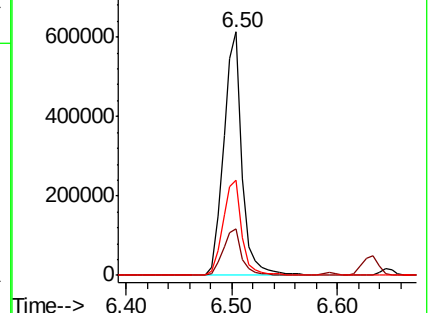
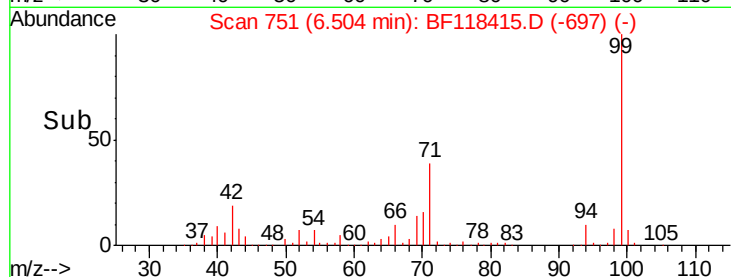
99 100

42 18.9 13.5 20.3

71 39.0 29.4 44.2



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



#8

2-Chlorophenol

Concen: 47.357 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

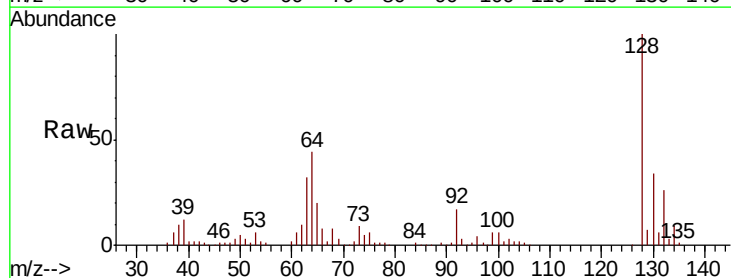
Tgt Ion: 128 Resp: 270460

Ion Ratio Lower Upper

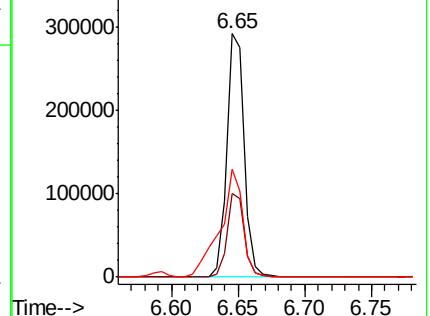
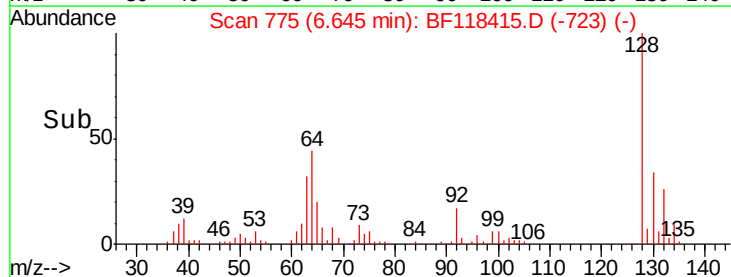
128 100

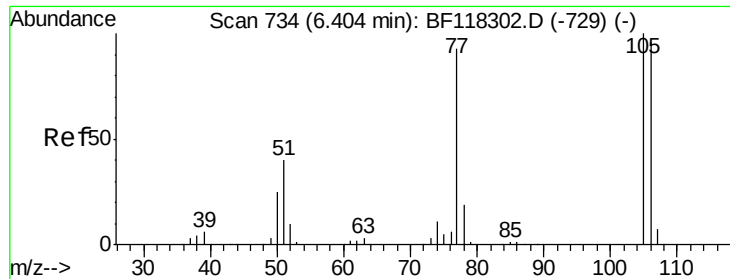
130 34.2 13.2 53.2

64 44.4 17.7 57.7



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: 39.886 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

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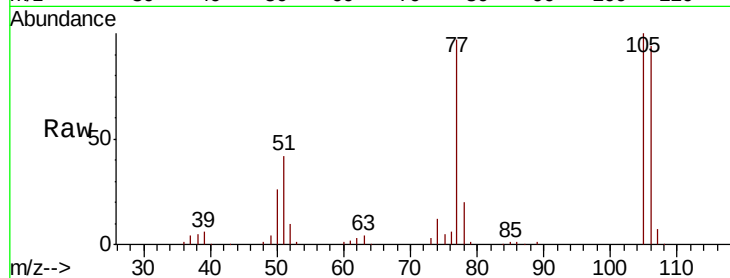
Tot Ion: 77 Resp: 146283

Ion Ratio Lower Upper

77 100

105 103.6 87.5 127.5

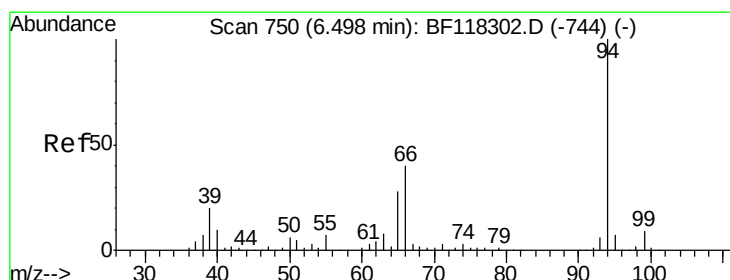
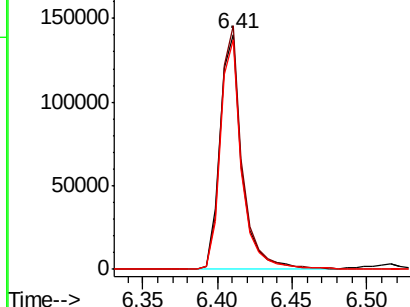
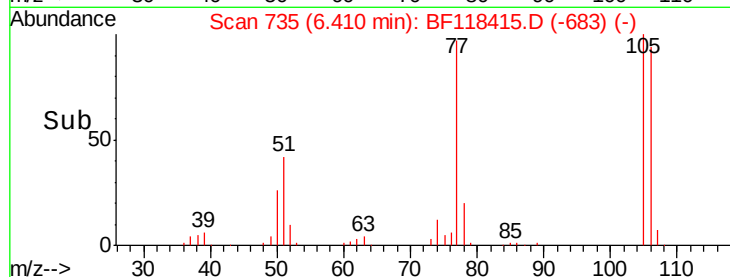
106 97.6 83.6 123.6



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: 36.058 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

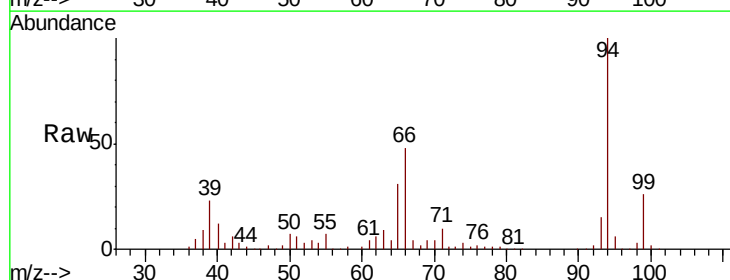
Tgt Ion: 94 Resp: 253520

Ion Ratio Lower Upper

94 100

65 31.2 7.8 47.8

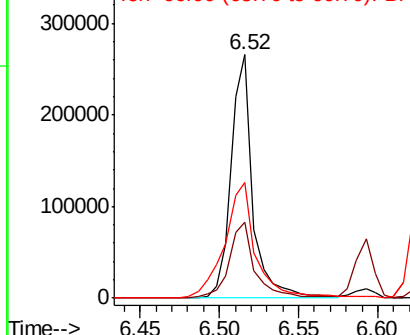
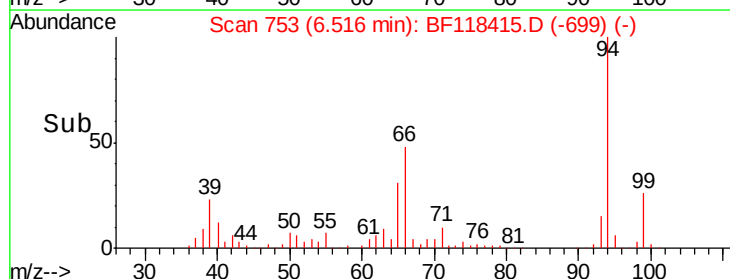
66 47.7 20.4 60.4

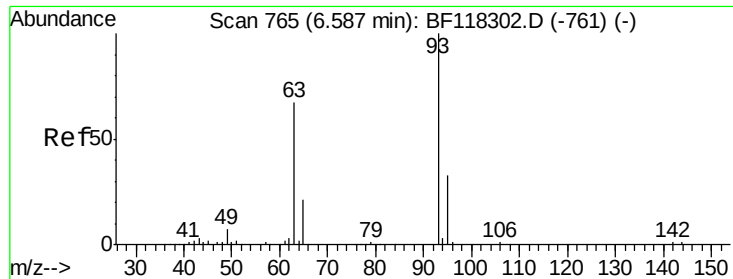


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

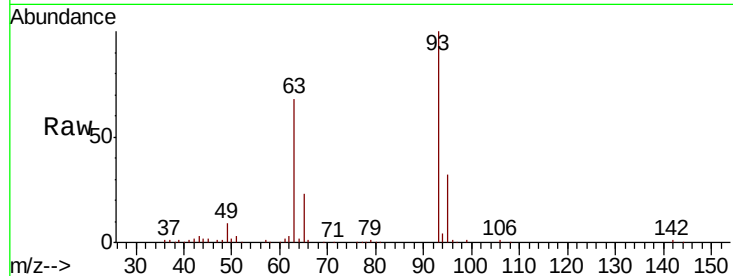




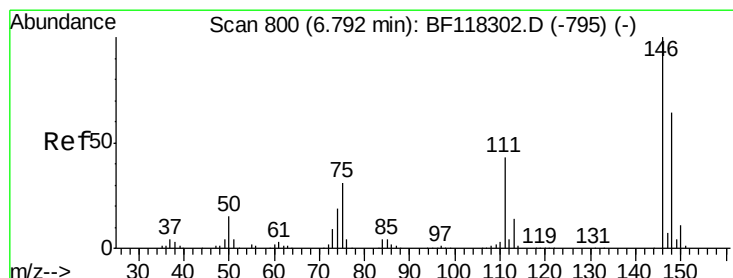
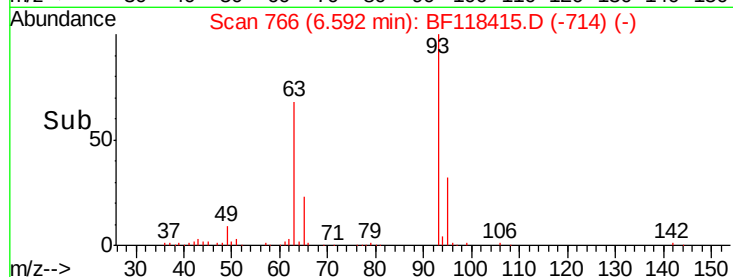
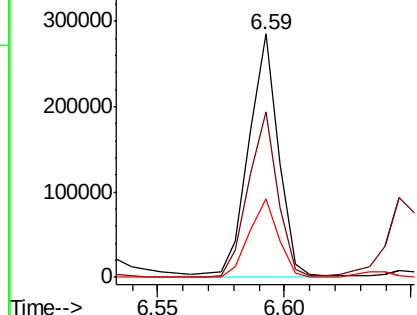
#11
bis(2-Chloroethyl)ether
Concen: 46.687 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.1	47.0	87.0
95	32.2	12.8	52.8

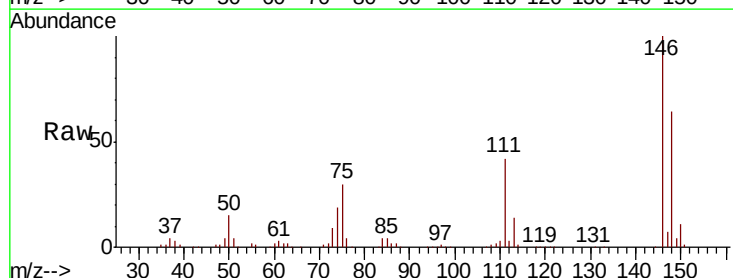


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

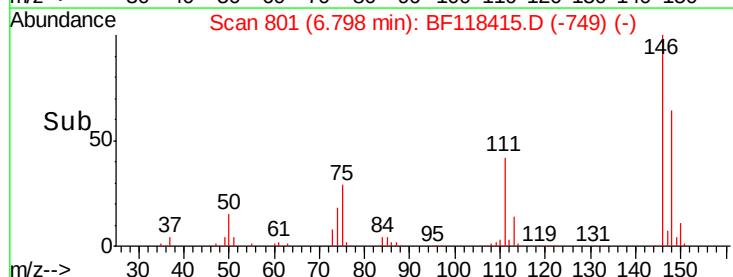
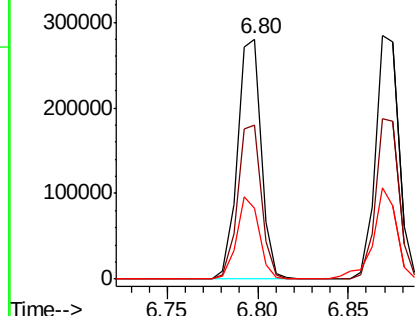


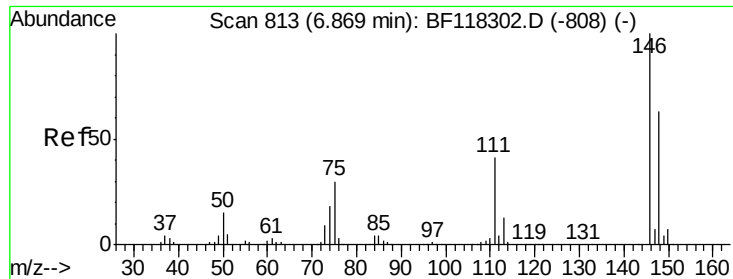
#12
1,3-Dichlorobenzene
Concen: 38.967 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	29.6	24.4	36.6



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

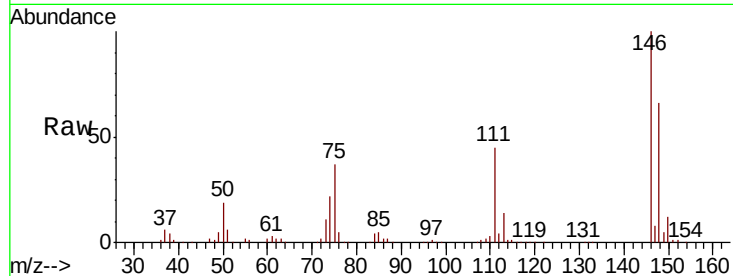




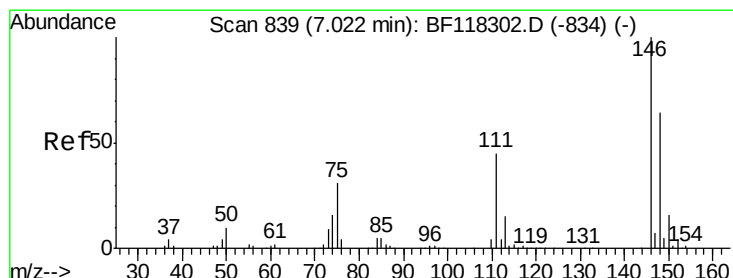
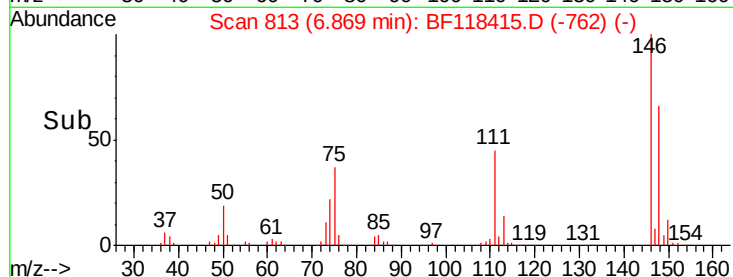
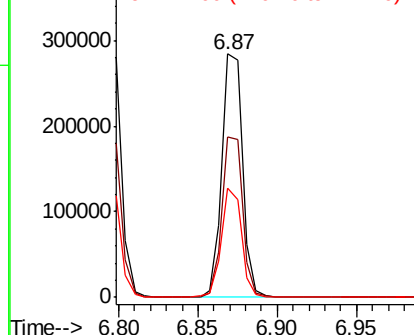
#13
 1,4-Dichlorobenzene
 Concen: 38.472 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 257025
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.3 75.5
 111 44.9 32.8 49.2

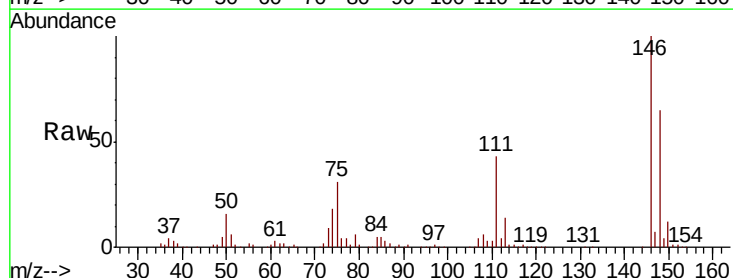


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

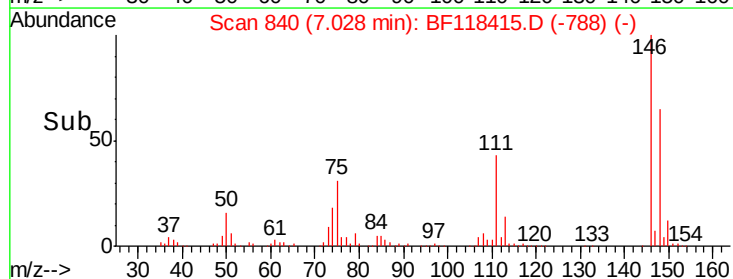
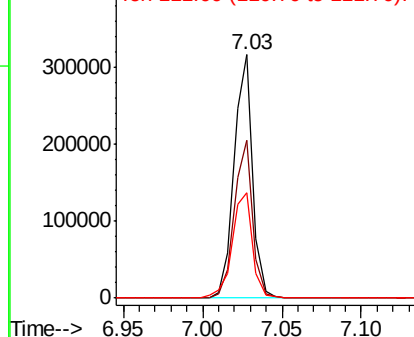


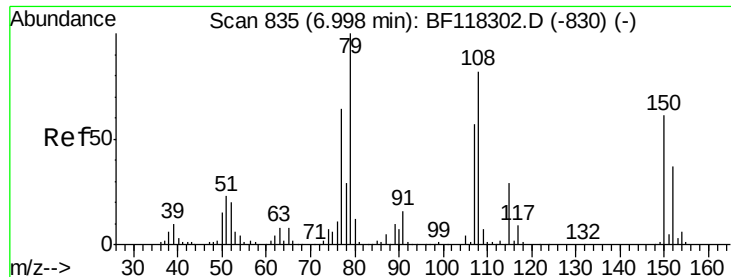
#14
 1,2-Dichlorobenzene
 Concen: 40.386 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion:146 Resp: 254737
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.3 76.9
 111 43.1 35.7 53.5



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

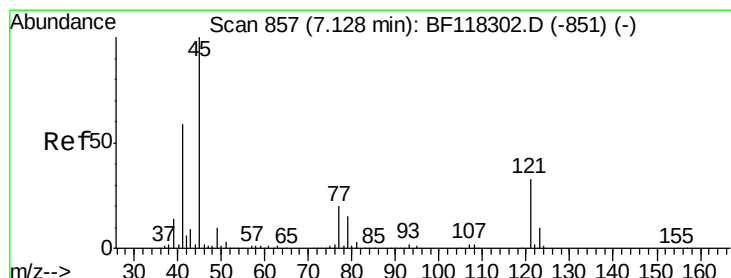
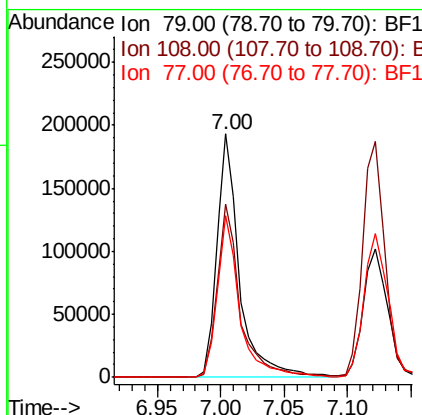
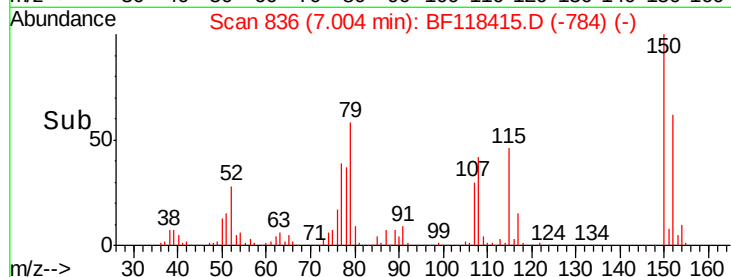
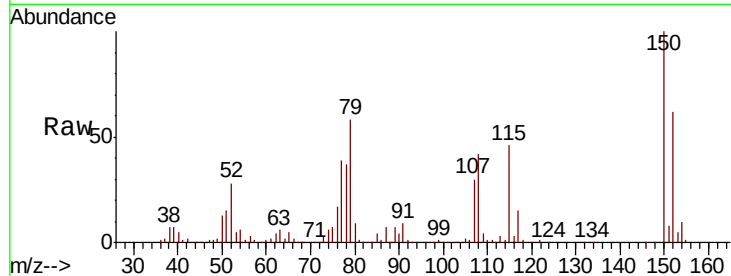




#15
Benzyl Alcohol
Concen: 50.792 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

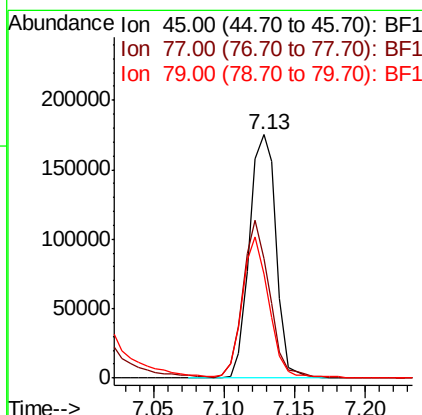
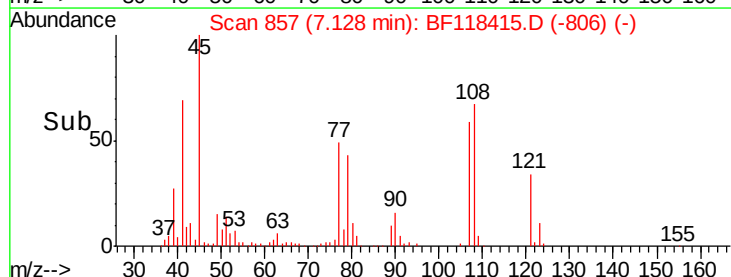
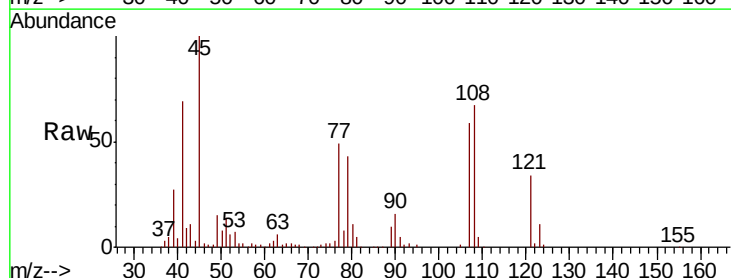
Instrument :
BNA_F
ClientSampled :

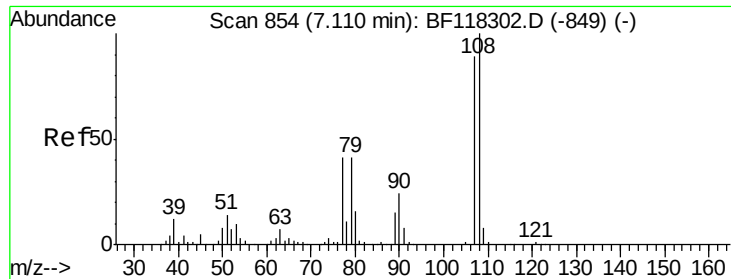
Tot Ion: 79 Resp: 241919
Ion Ratio Lower Upper
79 100
108 71.4 65.4 98.0
77 66.5 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.437 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion: 45 Resp: 233062
Ion Ratio Lower Upper
45 100
77 49.2 1.2 41.2#
79 42.7 0.0 37.0#

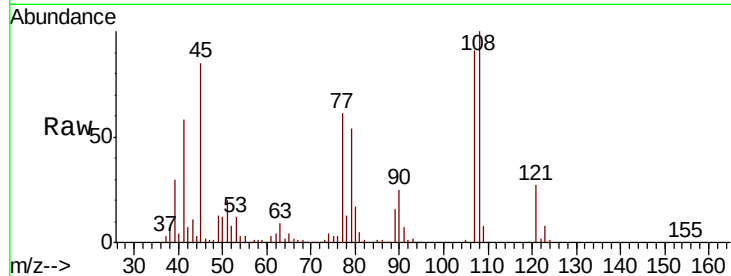




#17
2-Methylphenol
Concen: 44.674 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.7	134.5
77	67.1	37.2	55.8#
79	59.8	36.7	55.1#



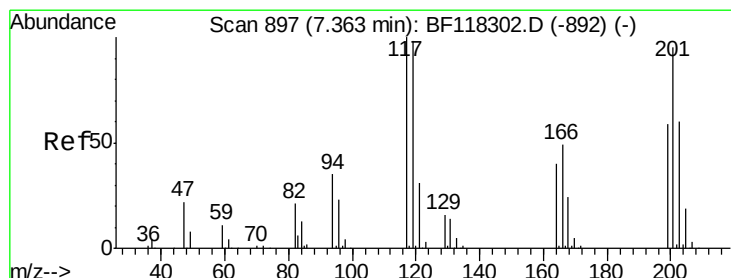
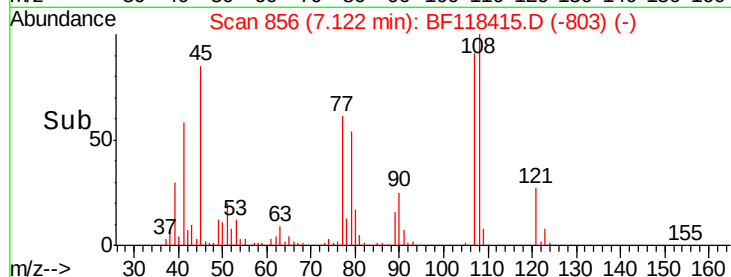
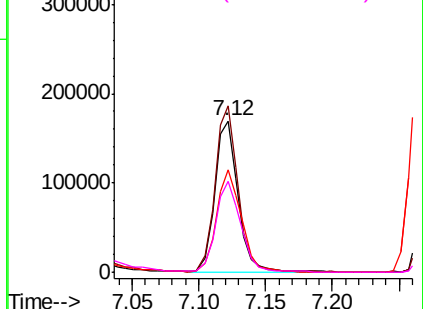
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

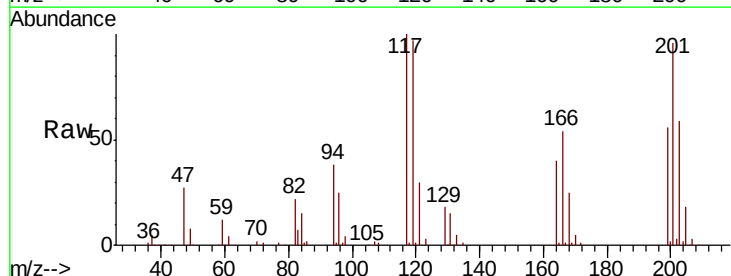
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.008 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.0	117.0
201	95.6	76.2	114.2

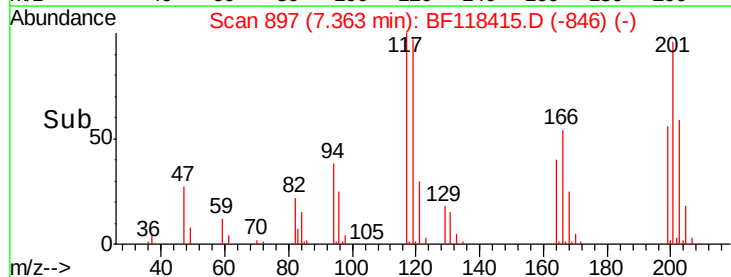
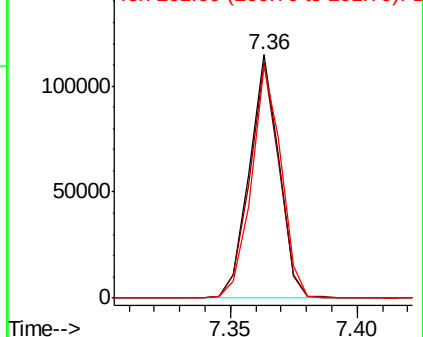


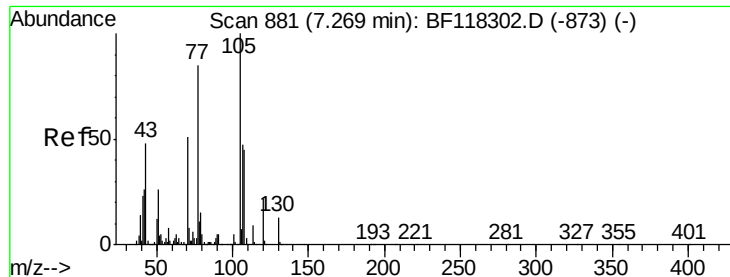
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

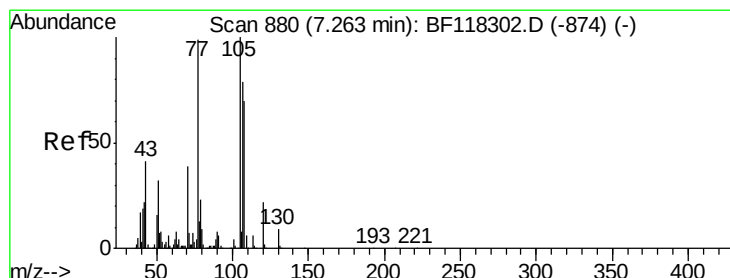
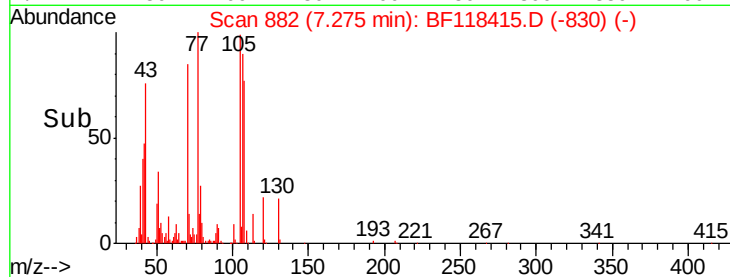
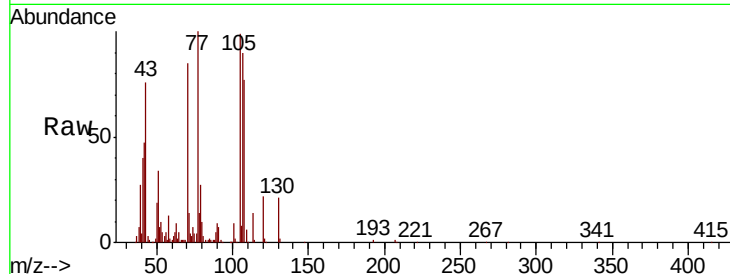
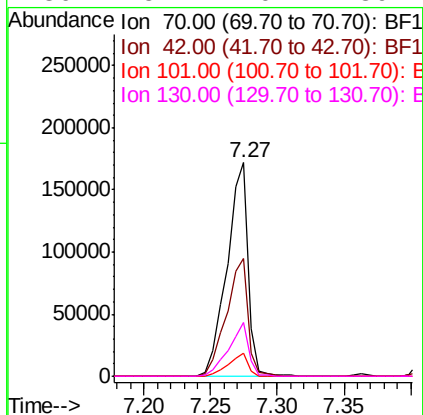




#19
n-Nitroso-di-n-propylamine
Concen: 49.988 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

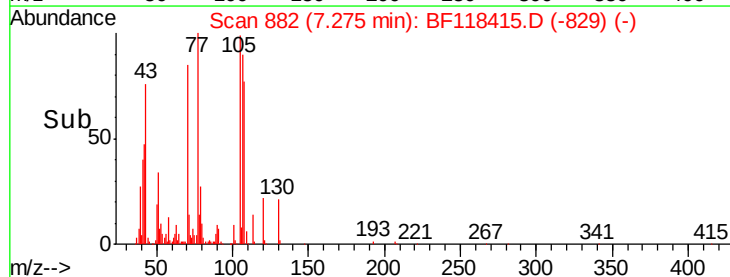
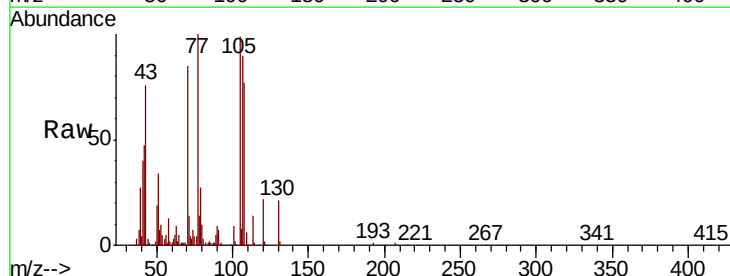
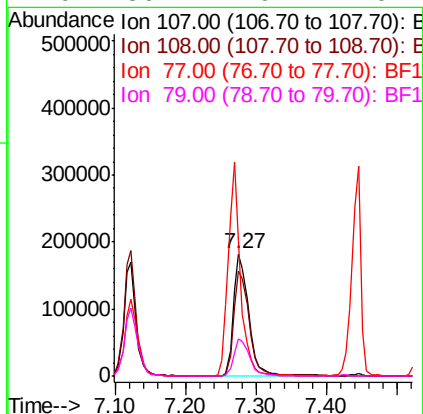
Instrument :
BNA_F
ClientSampleId :

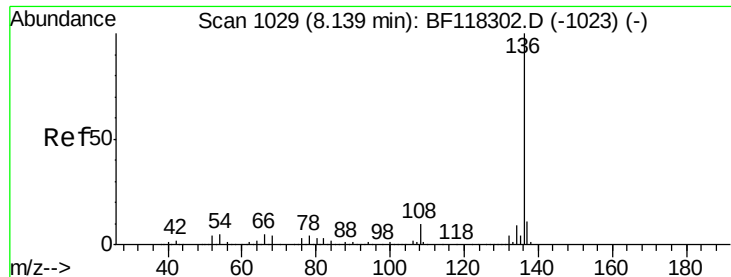
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	41.1	61.7
101	10.9	8.3	12.5
130	25.1	20.1	30.1



#20
3+4-Methylphenols
Concen: 46.119 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	69.3	109.3
77	111.4	105.9	145.9
79	30.2	9.2	49.2

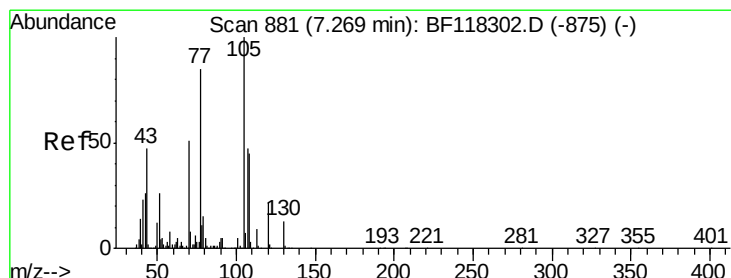
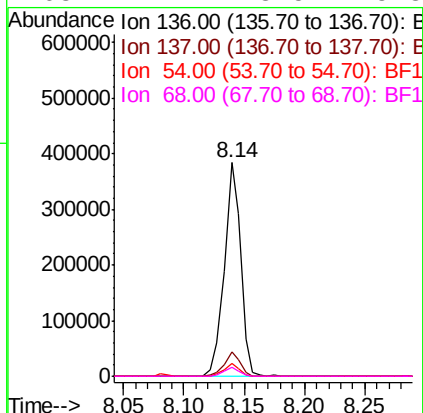
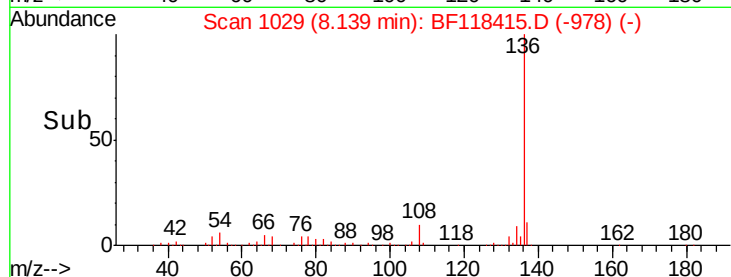
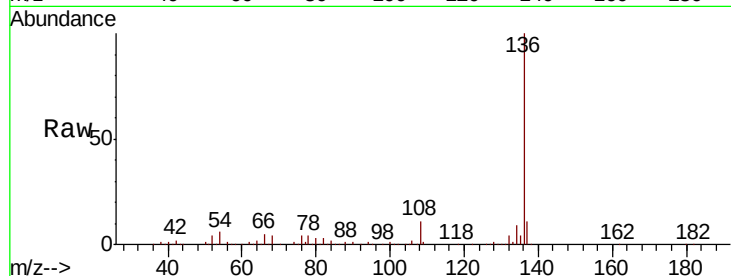




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

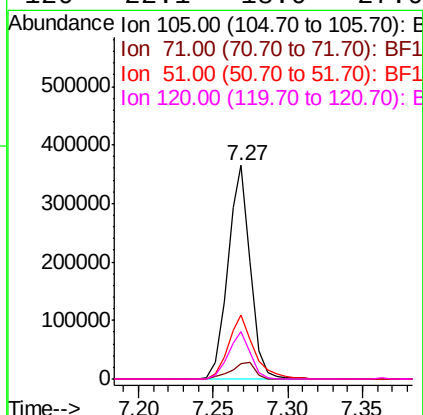
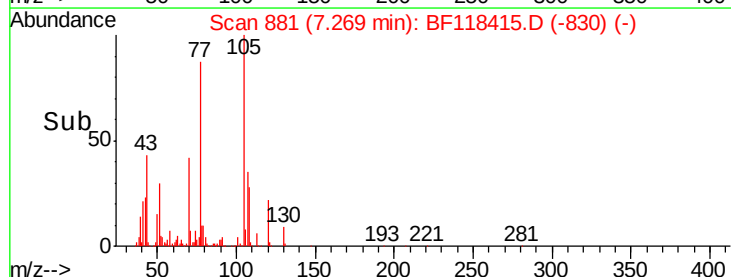
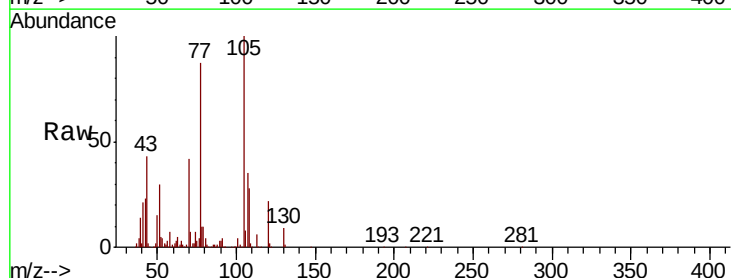
Instrument :
BNA_F
ClientSampled :

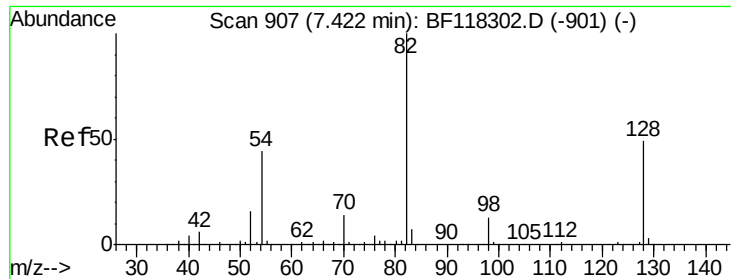
Tot Ion:136	Resp:	359370
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	5.7	4.2 6.4
68	4.1	3.5 5.3



#22
Acetophenone
Concen: 43.795 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:105	Resp:	385735
Ion Ratio	Lower	Upper
105	100	
71	7.1	6.6 9.8
51	29.7	20.6 30.8
120	22.1	18.0 27.0

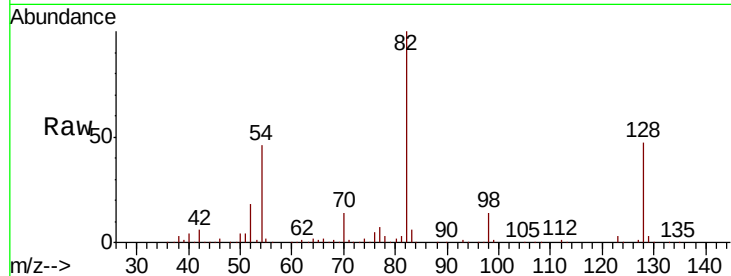




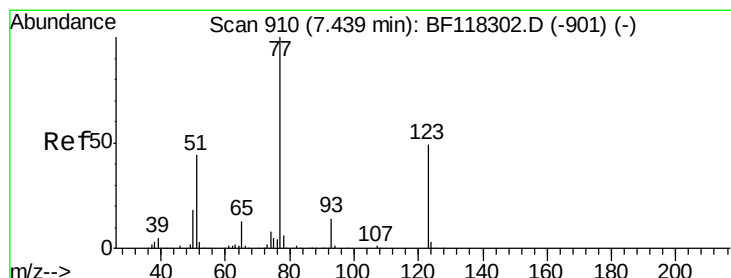
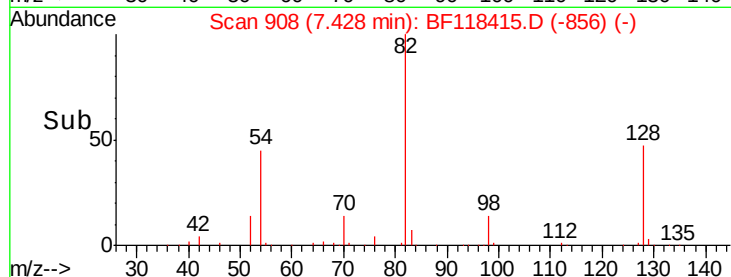
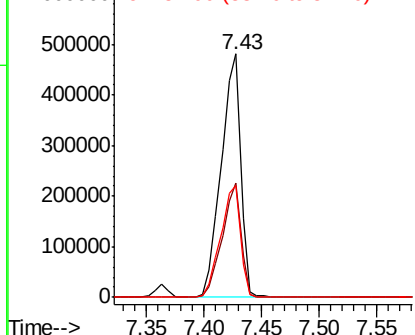
#23
Nitrobenzene-d5
Concen: 90.001 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	565499
Ion Ratio	Lower	Upper	
82	100		
128	46.9	39.6	59.4
54	45.8	34.9	52.3

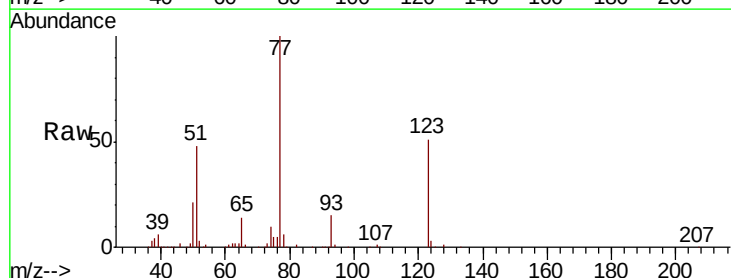


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

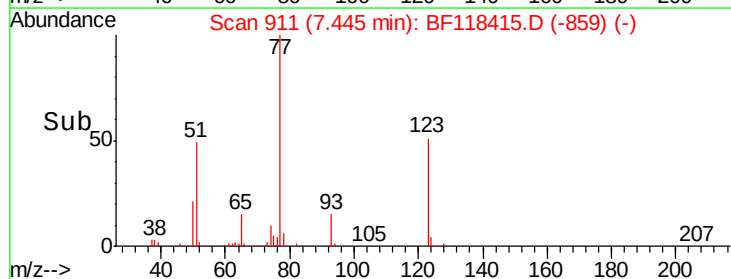
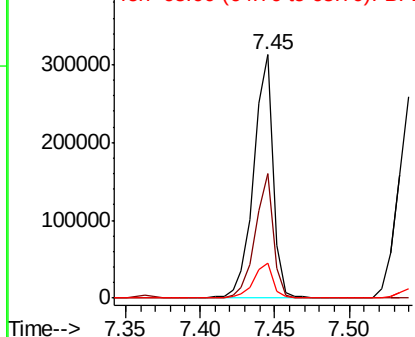


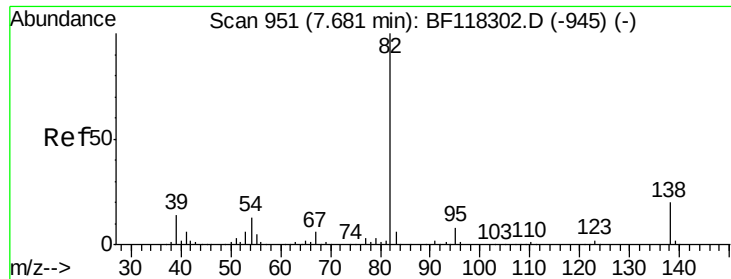
#24
Nitrobenzene
Concen: 44.110 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	77	Resp	277634
Ion Ratio	Lower	Upper	
77	100		
123	50.9	39.1	58.7
65	14.4	10.6	16.0



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

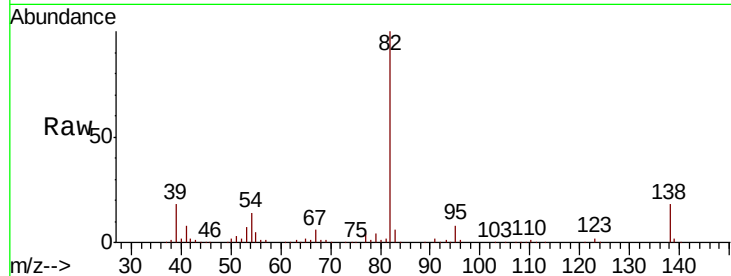




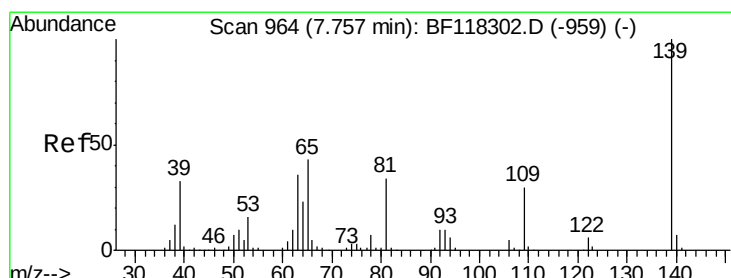
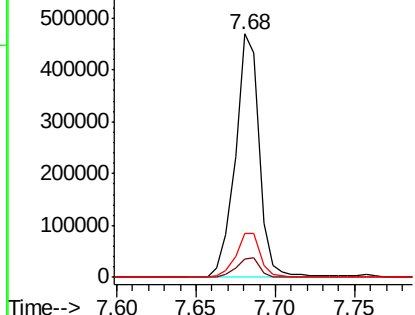
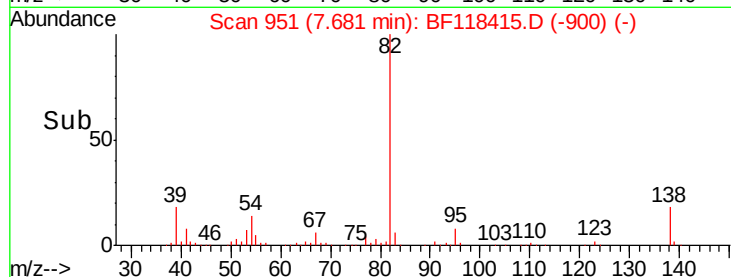
#25
Isophorone
Concen: 45.075 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 493590
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 17.8 16.2 24.2

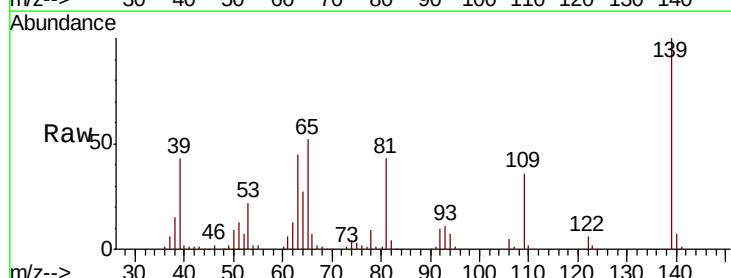


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

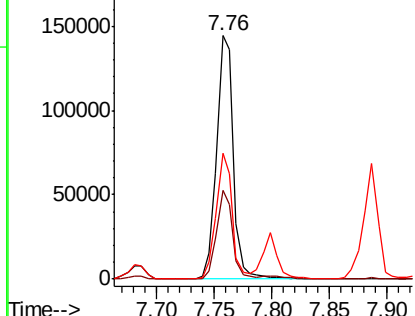
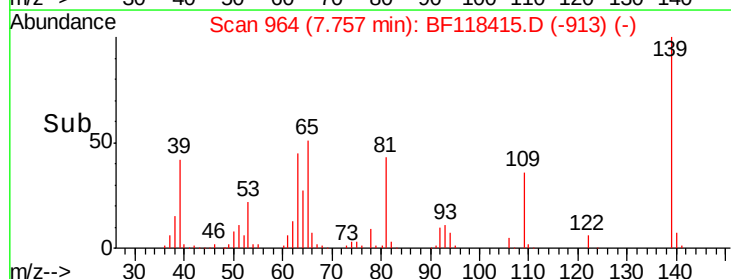


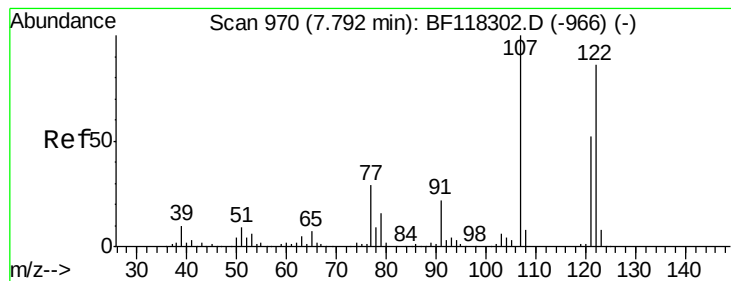
#26
2-Nitrophenol
Concen: 43.702 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion: 139 Resp: 145695
Ion Ratio Lower Upper
139 100
109 36.4 24.1 36.1#
65 51.9 34.6 52.0



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





#27

2,4-Dimethylphenol

Concen: 48.495 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

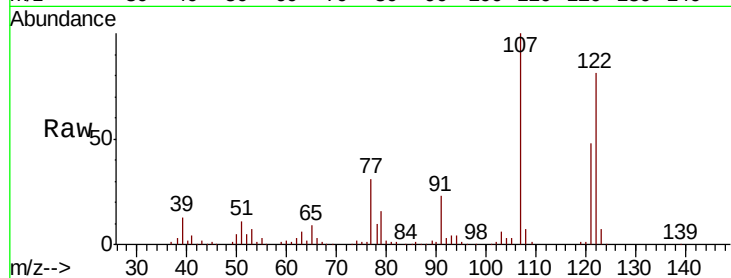
Tot Ion:122 Resp: 220582

Ion Ratio Lower Upper

122 100

107 124.1 92.9 139.3

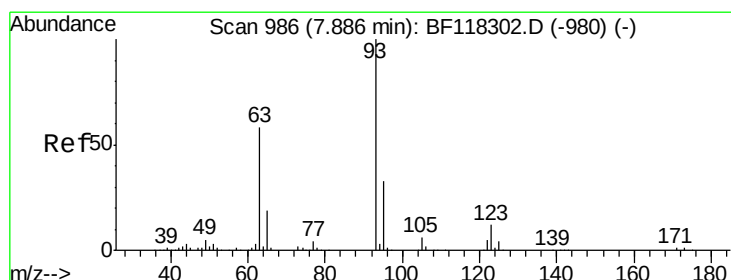
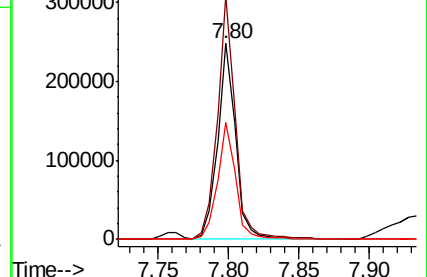
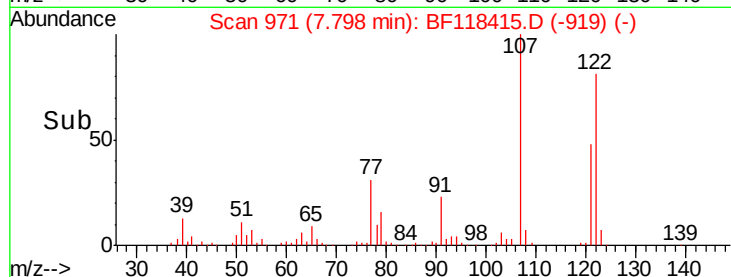
121 59.9 47.9 71.9



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: 41.657 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

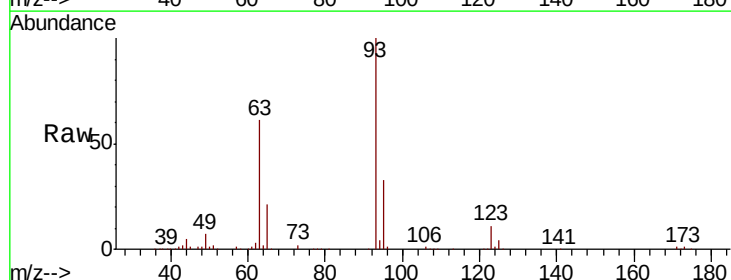
Tgt Ion: 93 Resp: 298326

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

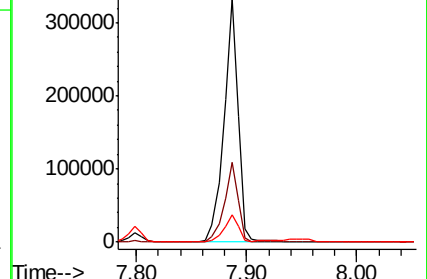
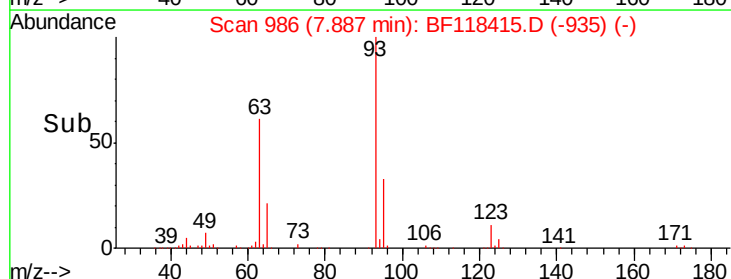
123 11.4 9.8 14.8

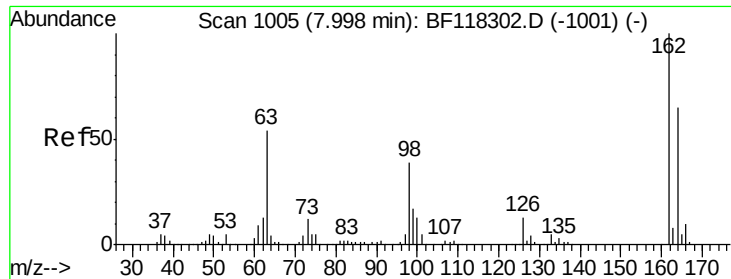


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

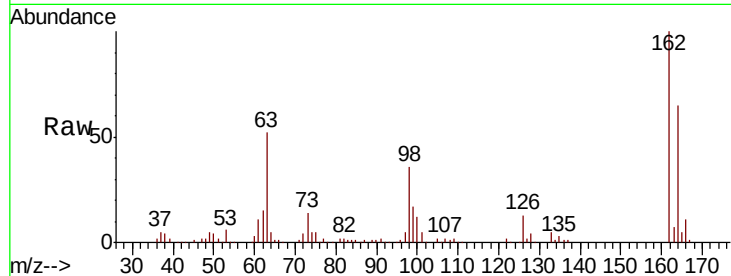




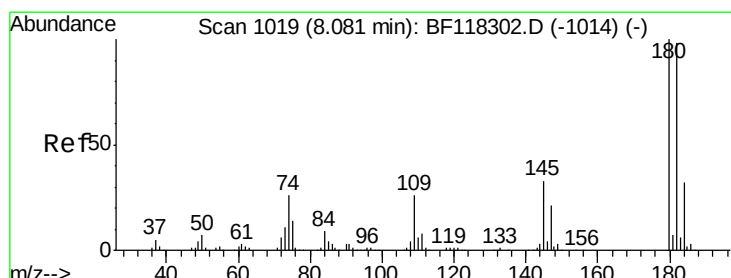
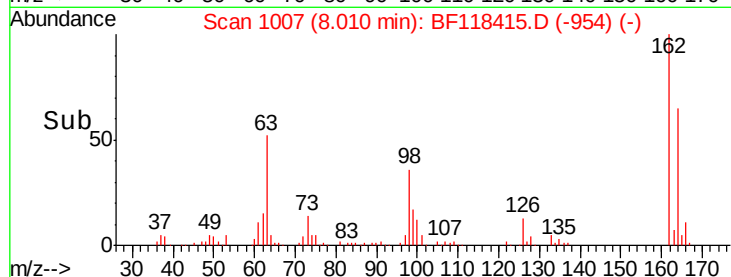
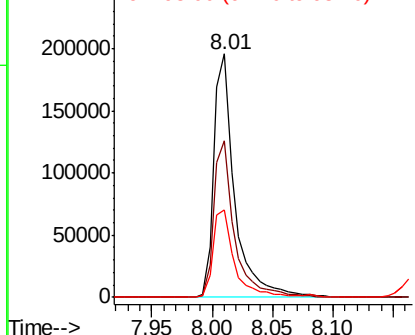
#29
 2,4-Dichlorophenol
 Concen: 44.274 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	231792
Ion Ratio	Lower	Upper	
162	100		
164	64.6	45.1	85.1
98	36.0	18.6	58.6

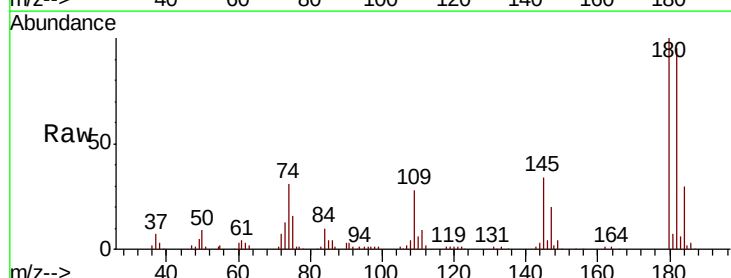


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

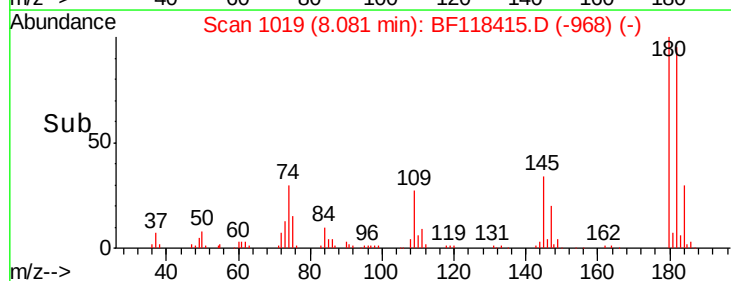
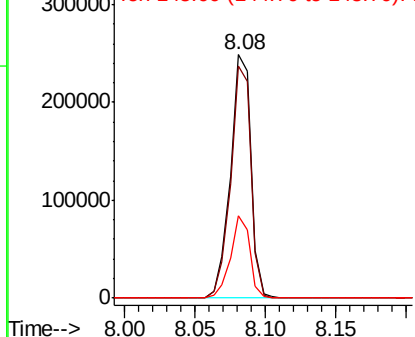


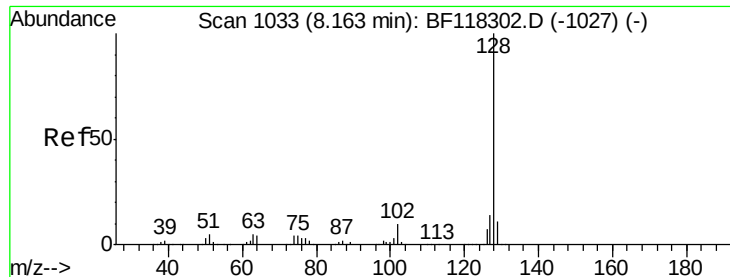
#30
 1,2,4-Trichlorobenzene
 Concen: 41.337 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	180	Resp	252100
Ion Ratio	Lower	Upper	
180	100		
182	95.3	78.3	117.5
145	33.9	26.7	40.1



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

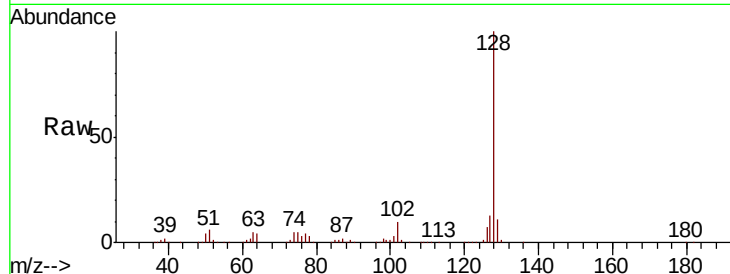




#31
Naphthalene
Concen: 44.491 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.4	11.0	16.4

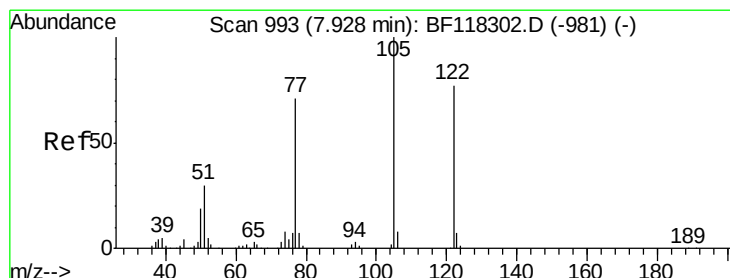
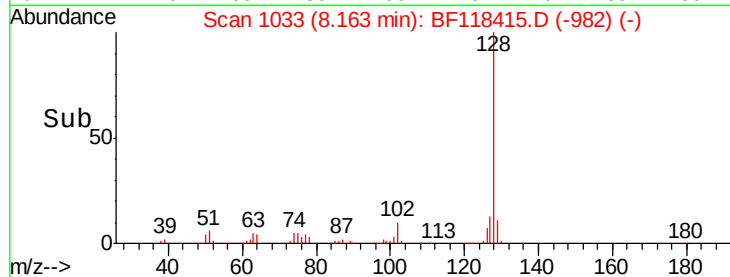
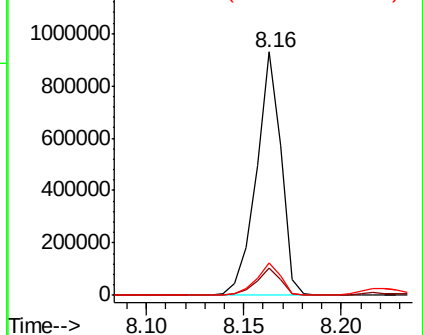


Abundance

Ion 128.00 (127.70 to 128.70): E

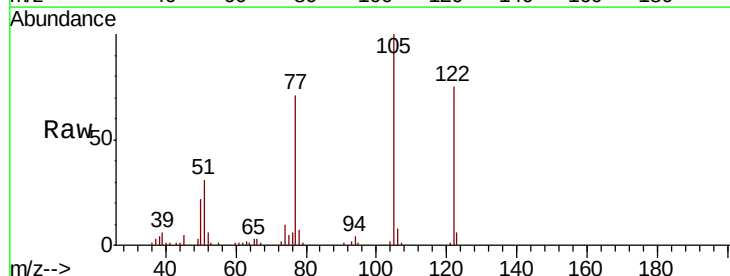
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.718 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.2	106.8	146.8
77	95.0	70.4	110.4

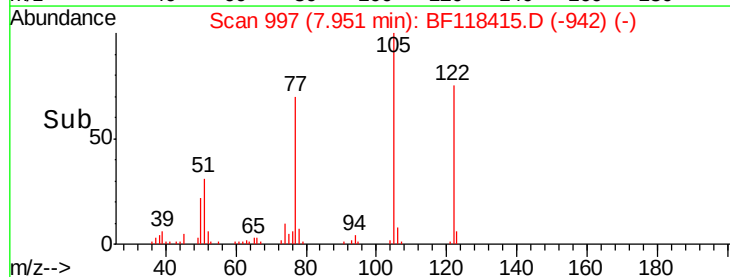
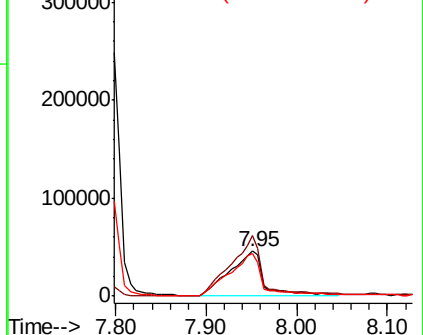


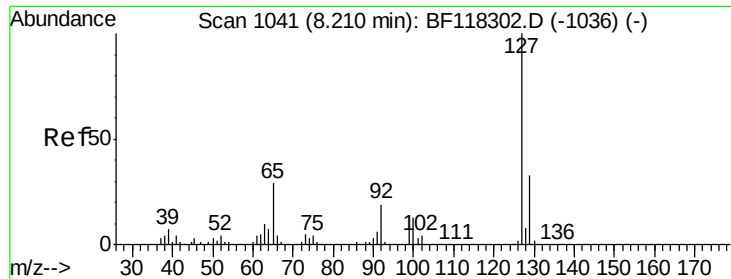
Abundance

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

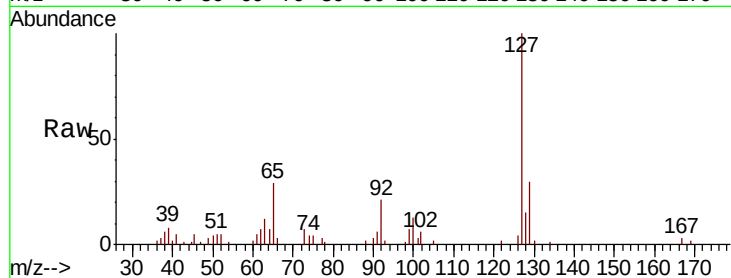




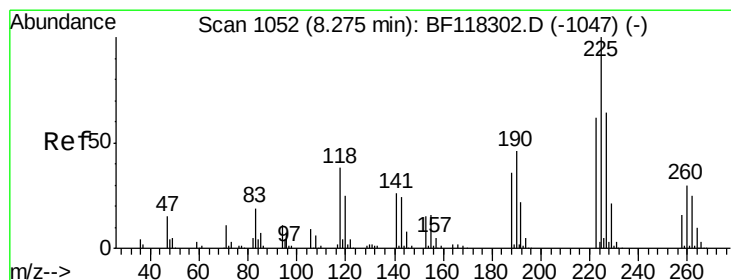
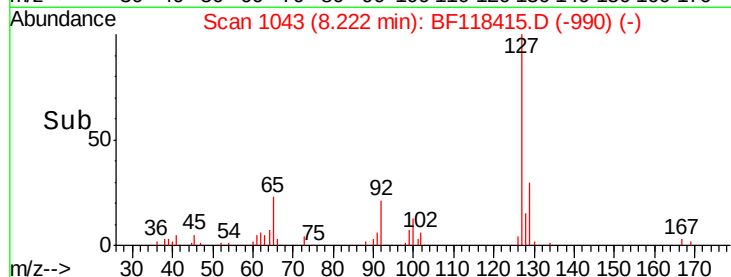
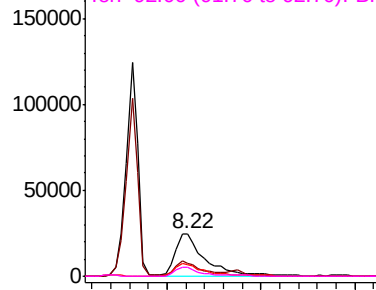
#33
4-Chloroaniline
Concen: 6.826 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 53448
Ion Ratio Lower Upper
127 100
129 29.7 26.5 39.7
65 28.5 22.8 34.2
92 20.8 15.5 23.3

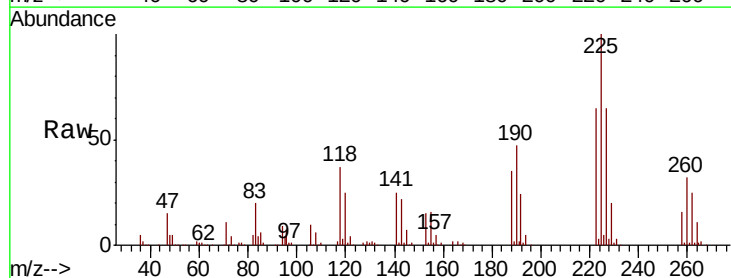


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

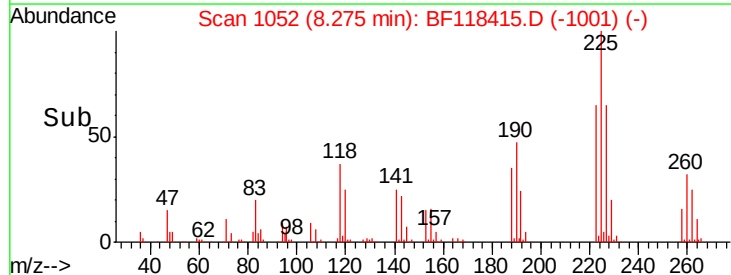
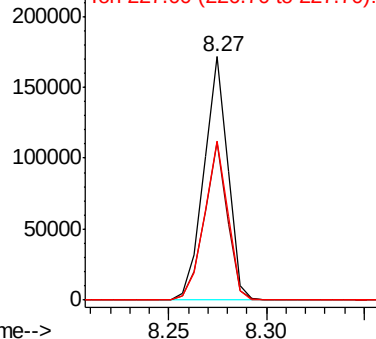


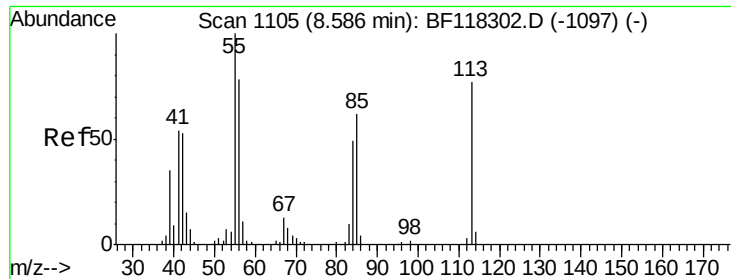
#34
Hexachlorobutadiene
Concen: 40.017 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:225 Resp: 145274
Ion Ratio Lower Upper
225 100
223 64.7 49.5 74.3
227 65.2 51.0 76.4



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

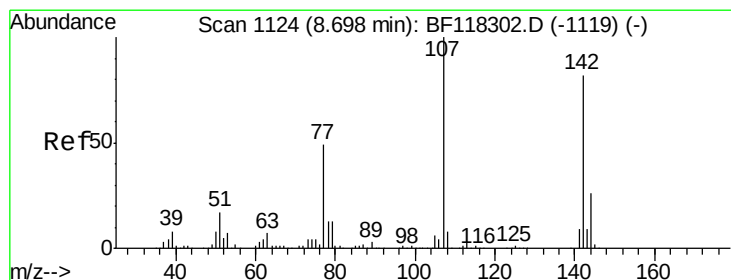
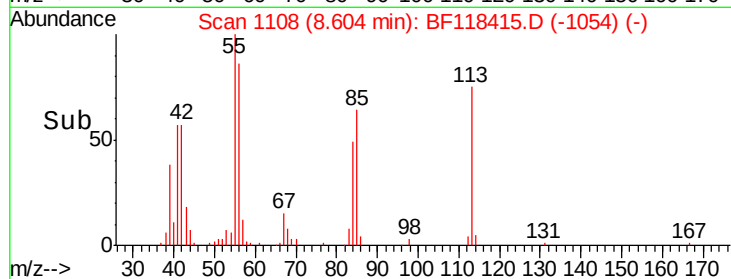
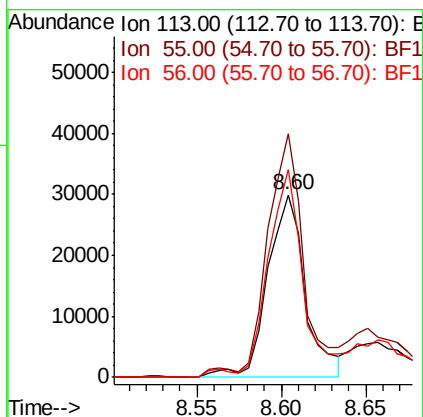
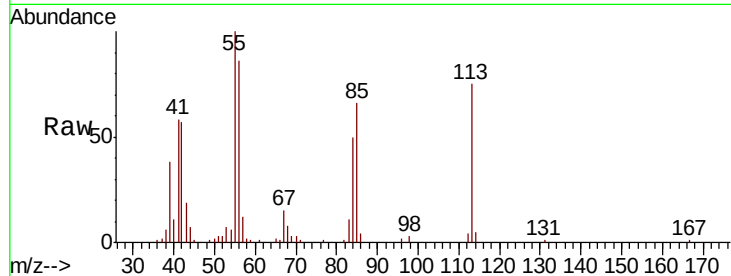




#35
 Caprolactam
 Concen: 28.192 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.02 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

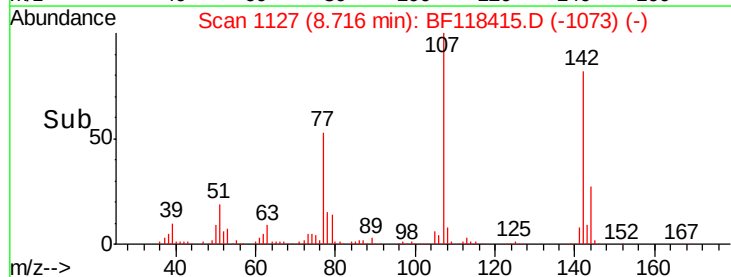
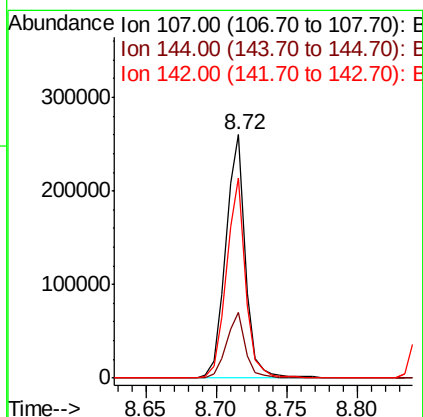
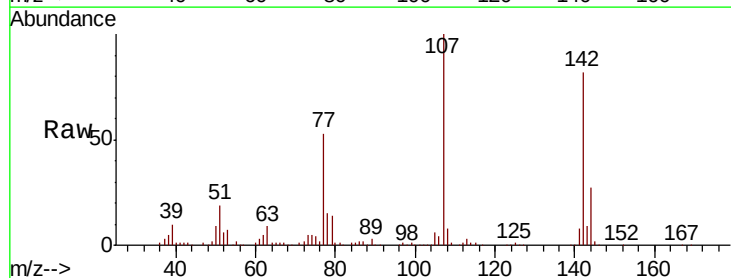
Instrument :
 BNA_F
 ClientSampleId :

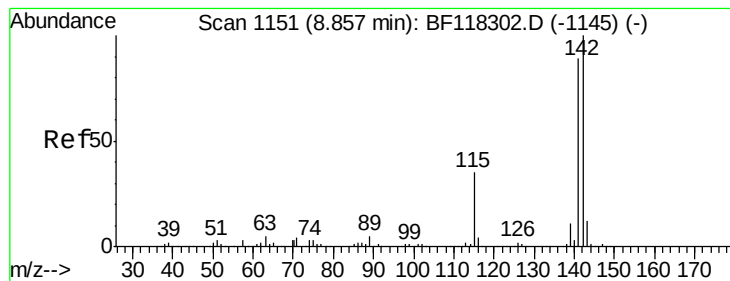
Tot Ion:113 Resp: 46079
 Ion Ratio Lower Upper
 113 100
 55 133.5 109.8 149.8
 56 114.2 81.7 121.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.873 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.02 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion:107 Resp: 252232
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.2 31.8
 142 82.0 65.4 98.2





#37

2-Methylnaphthalene

Concen: 47.154 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

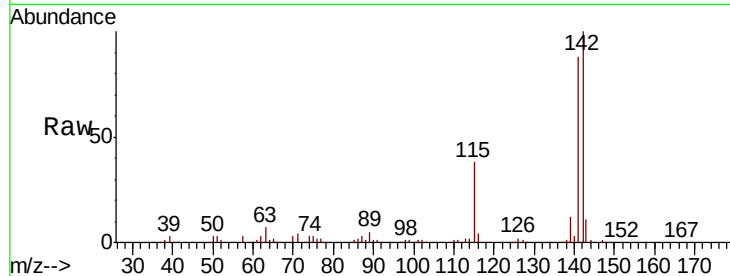
Tot Ion:142 Resp: 589696

Ion Ratio Lower Upper

142 100

141 88.2 71.2 106.8

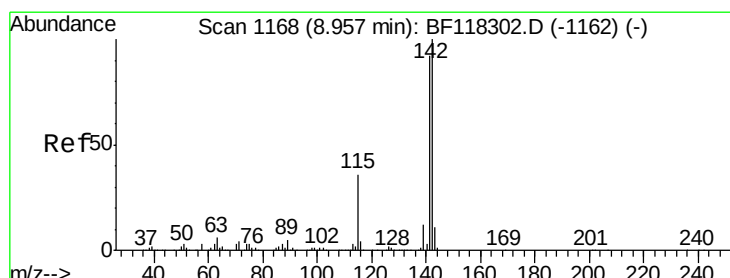
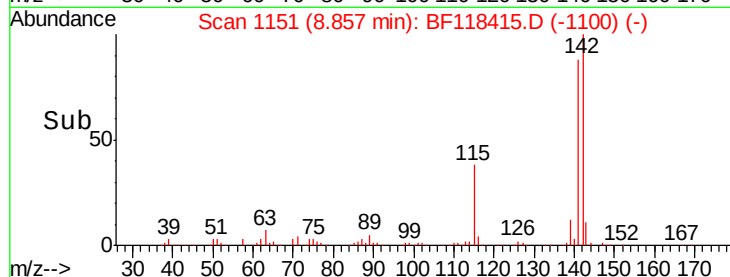
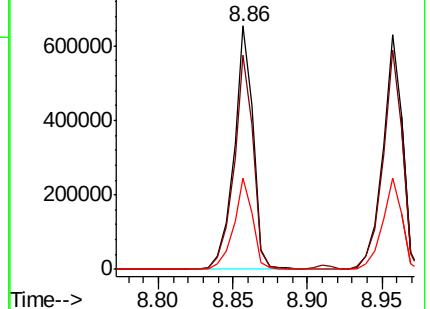
115 37.6 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.425 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

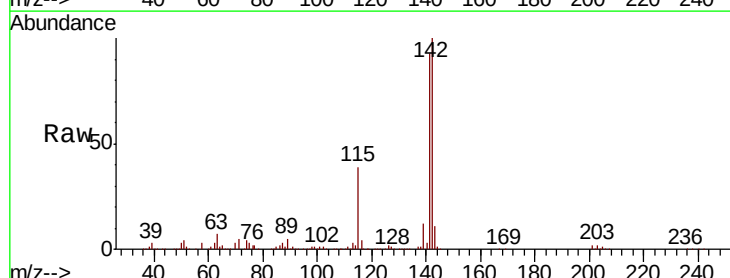
Tgt Ion:142 Resp: 558765

Ion Ratio Lower Upper

142 100

141 93.3 73.4 110.2

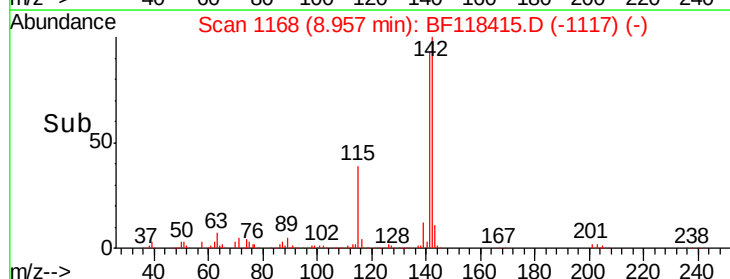
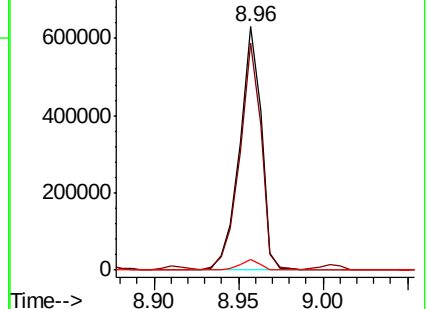
116 4.2 2.9 4.3

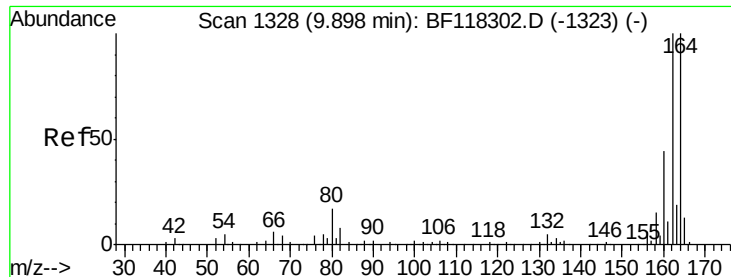


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

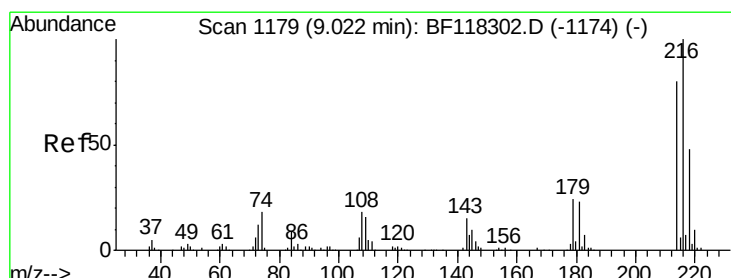
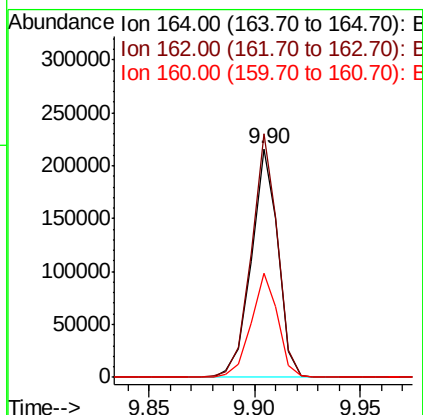
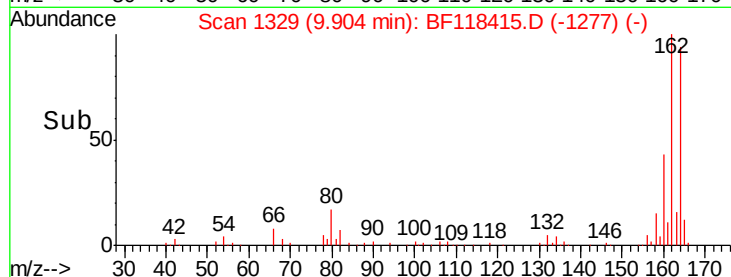
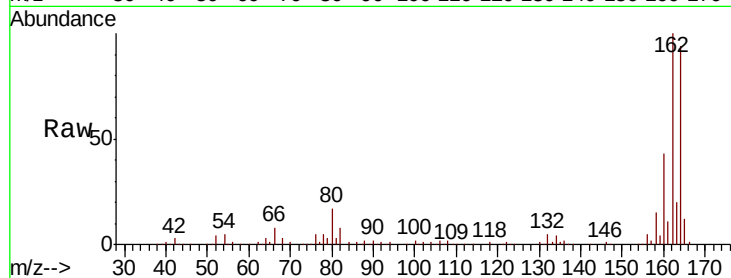
Tot Ion:164 Resp: 189912

Ion Ratio Lower Upper

164 100

162 106.4 80.0 120.0

160 45.8 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.694 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:216 Resp: 260731

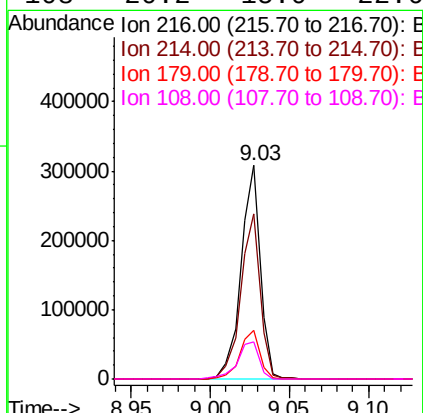
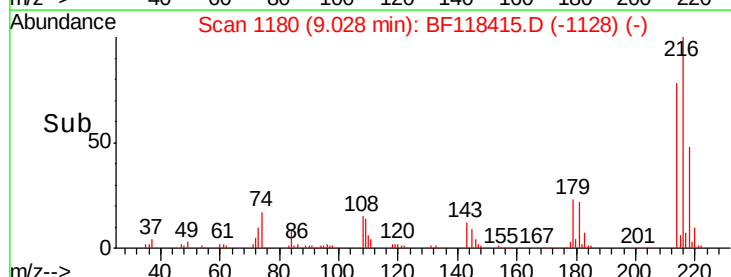
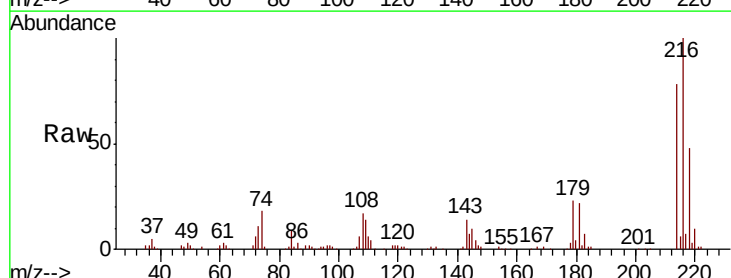
Ion Ratio Lower Upper

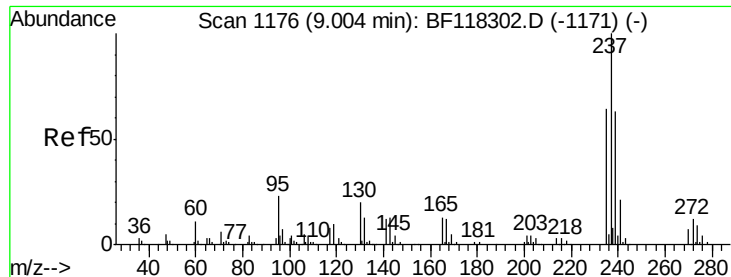
216 100

214 78.2 63.3 94.9

179 23.3 18.9 28.3

108 20.2 15.0 22.6

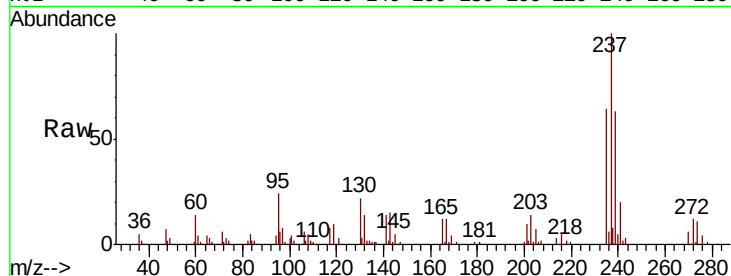




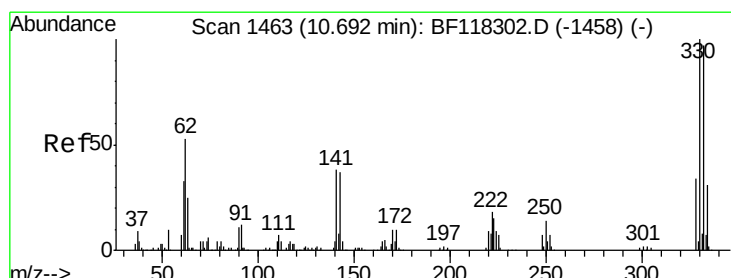
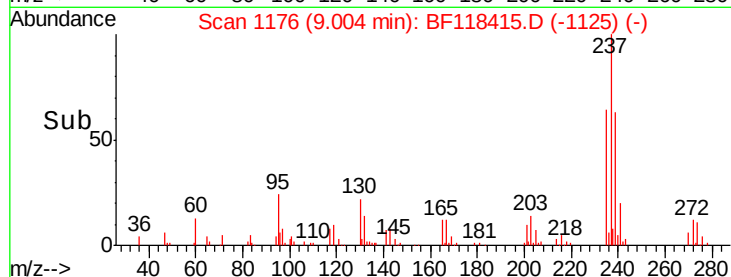
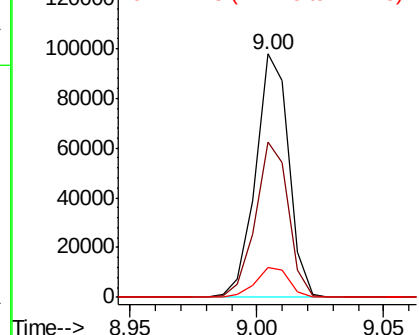
#41
Hexachlorocyclopentadiene
Concen: 41.768 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 88660
Ion Ratio Lower Upper
237 100
235 63.7 43.8 83.8
272 12.3 0.0 31.7

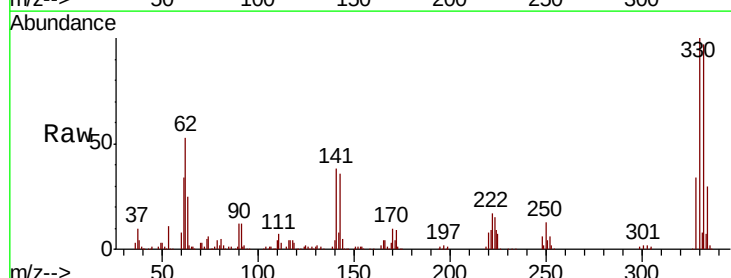


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

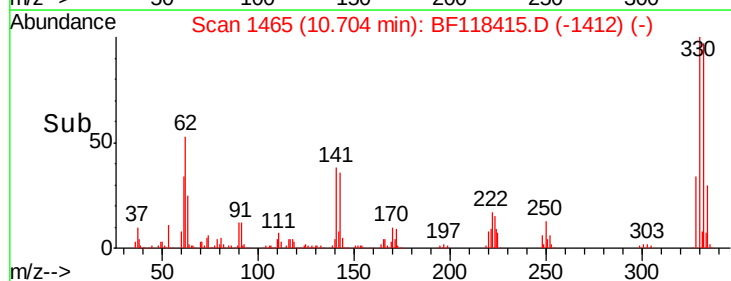
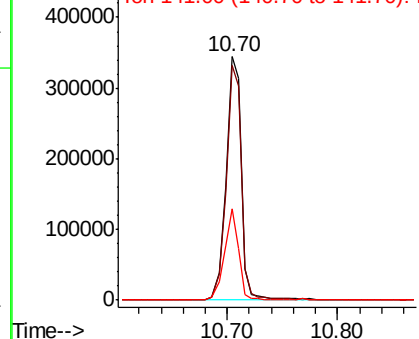


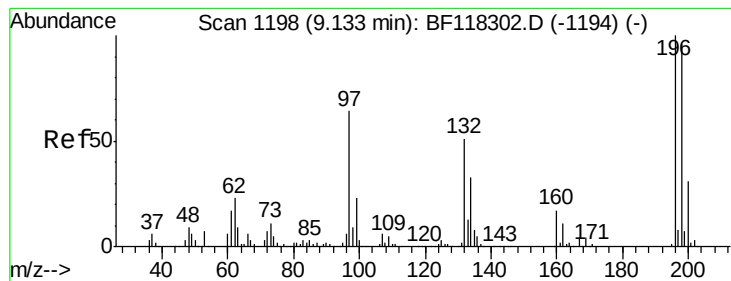
#42
2,4,6-Tribromophenol
Concen: 141.861 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:330 Resp: 332702
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 34.5 26.0 39.0



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

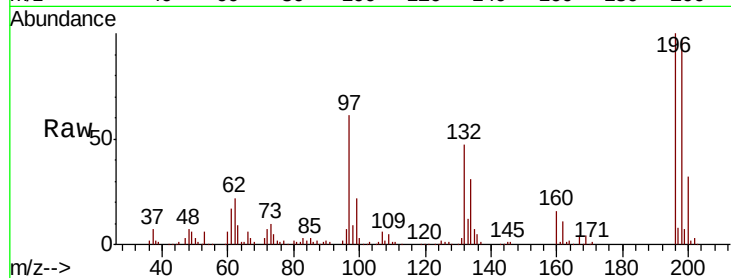




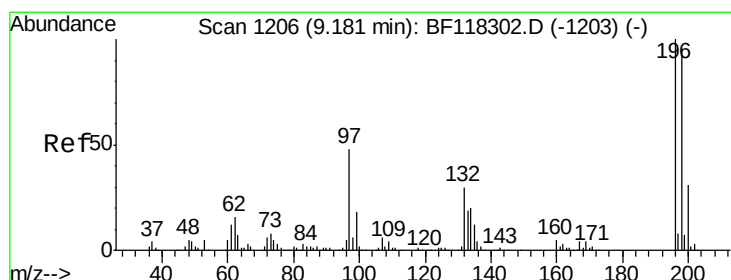
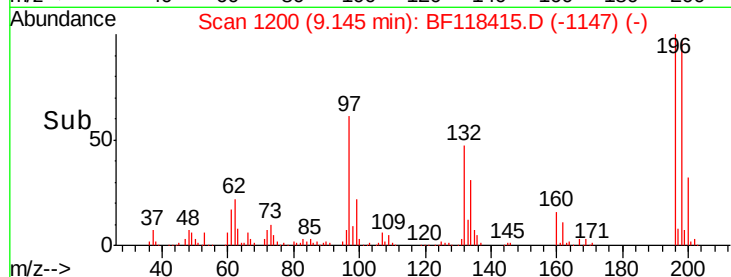
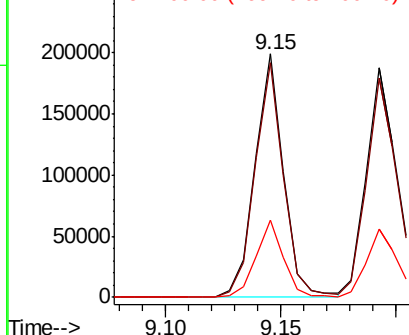
#43
 2,4,6-Trichlorophenol
 Concen: 45.157 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 172138
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.7 115.1
 200 31.6 24.8 37.2

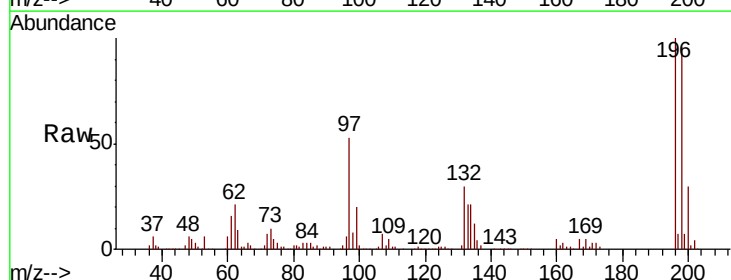


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

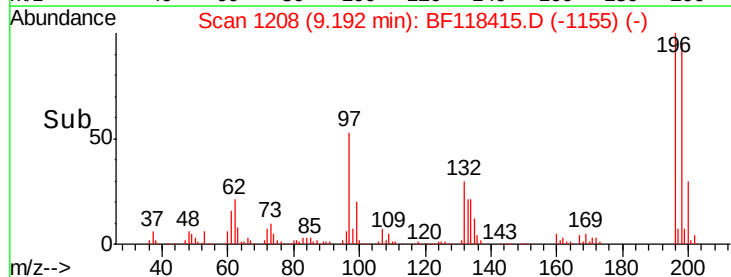
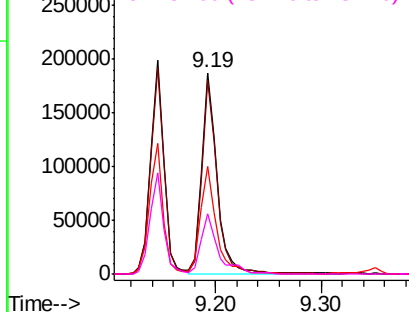


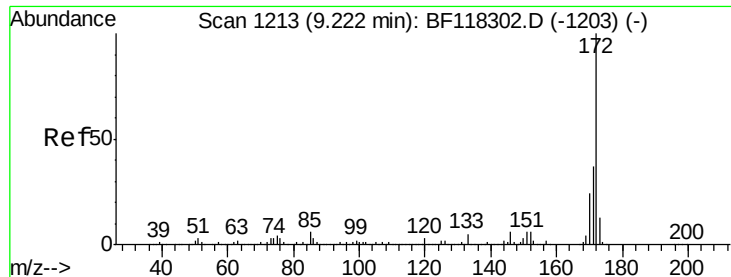
#44
 2,4,5-Trichlorophenol
 Concen: 47.466 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion:196 Resp: 186135
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.0 115.4
 97 53.2 38.9 58.3
 132 29.6 23.9 35.9



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

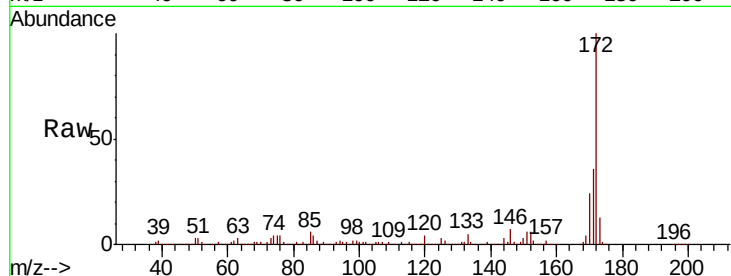




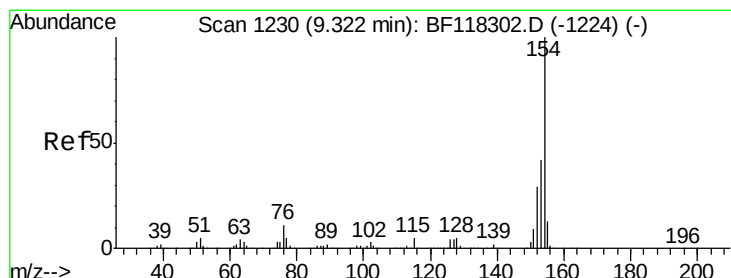
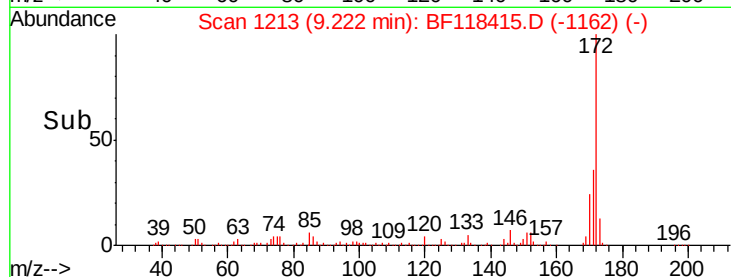
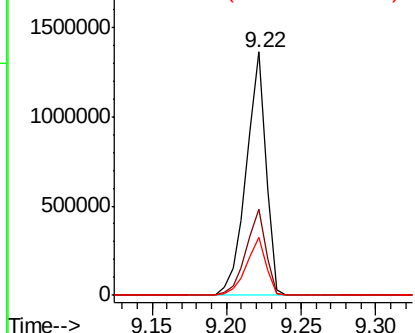
#45
2-Fluorobiphenyl
Concen: 100.068 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1244968
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.8 19.2 28.8

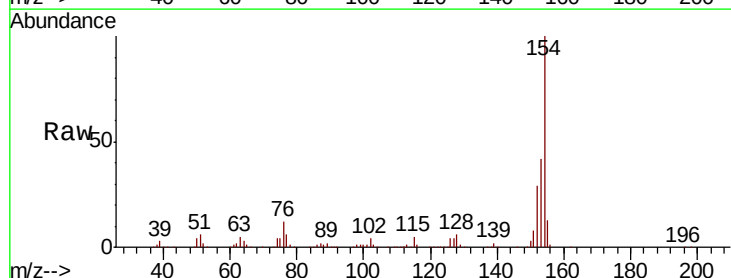


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

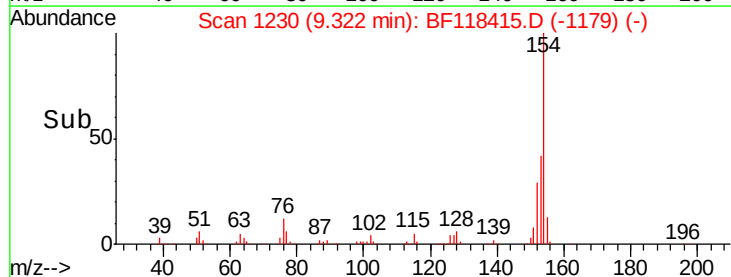
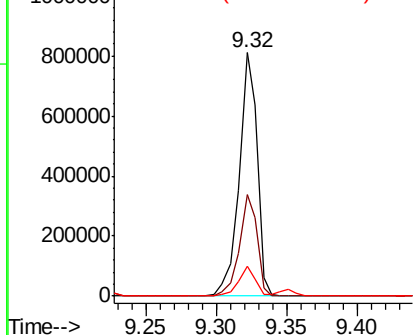


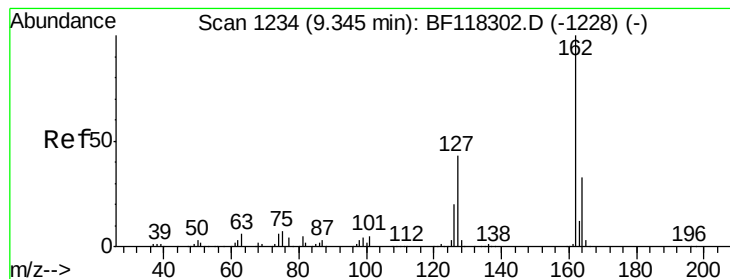
#46
1,1'-Biphenyl
Concen: 47.521 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:154 Resp: 713817
Ion Ratio Lower Upper
154 100
153 41.9 21.8 61.8
76 12.0 0.0 30.9



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: 44.944 ng

RT: 9.35 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

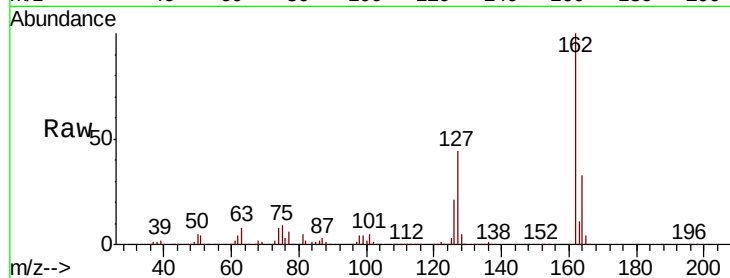
Tot Ion:162 Resp: 543348

Ion Ratio Lower Upper

162 100

127 44.4 35.0 52.4

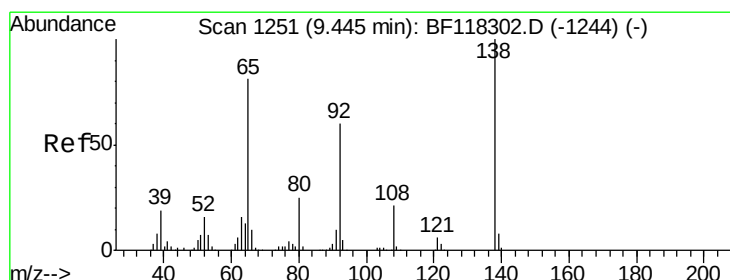
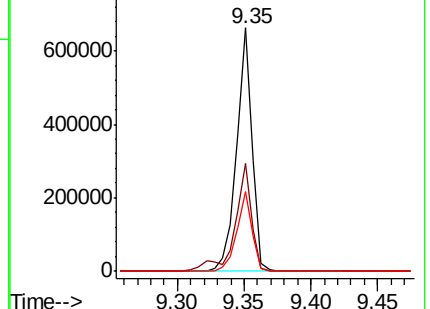
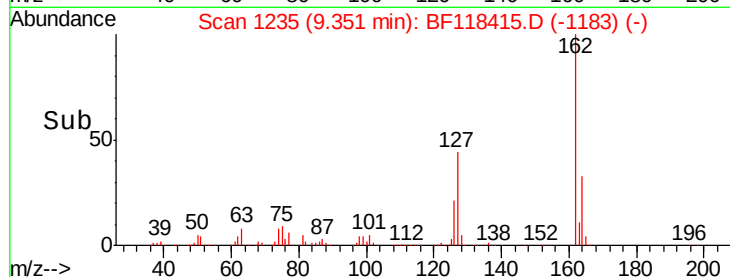
164 32.9 26.6 40.0



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: 48.155 ng

RT: 9.45 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

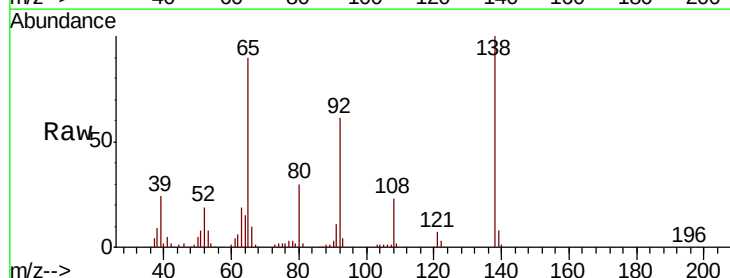
Tgt Ion: 65 Resp: 164436

Ion Ratio Lower Upper

65 100

92 67.4 58.7 88.1

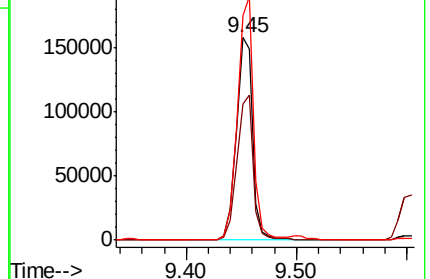
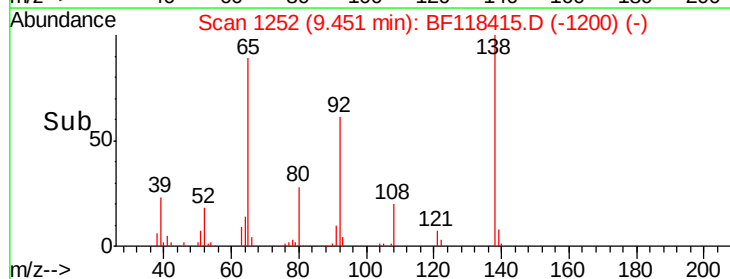
138 111.0 98.5 147.7

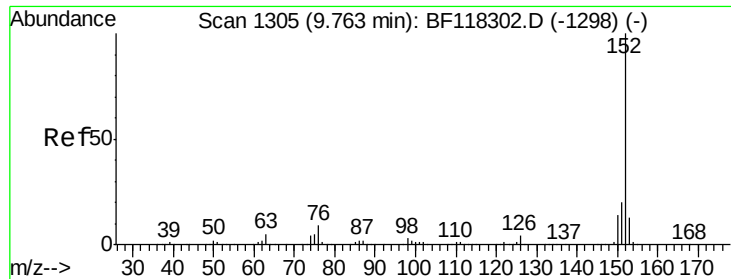


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.315 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampled :

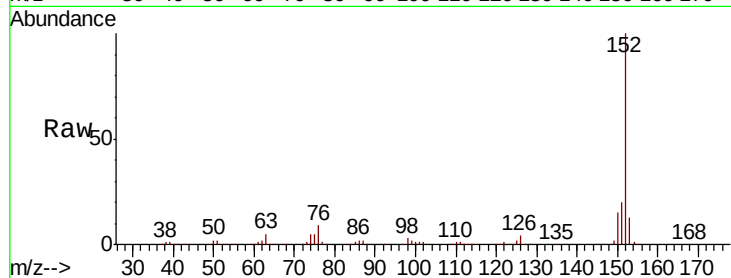
Tot Ion:152 Resp: 848341

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

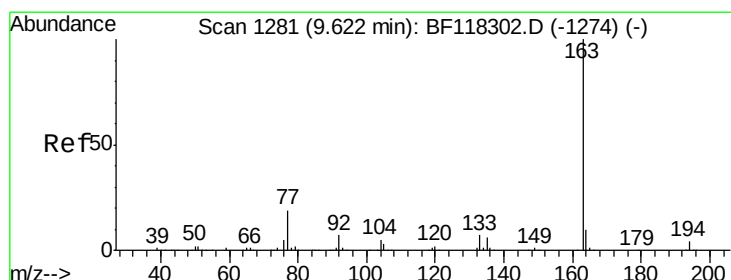
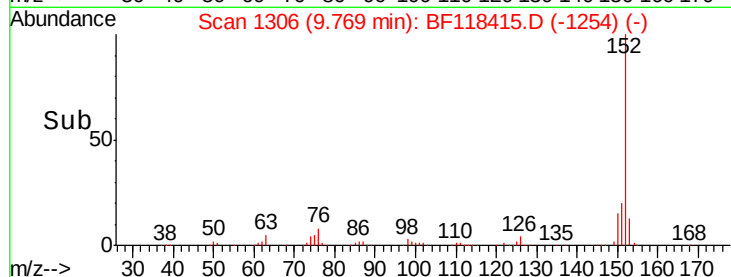
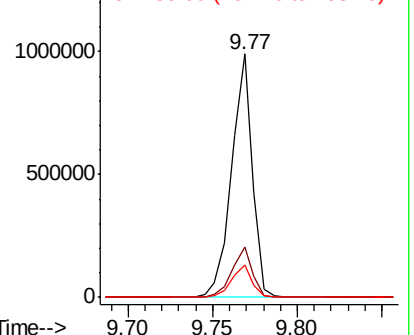
153 13.5 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.774 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

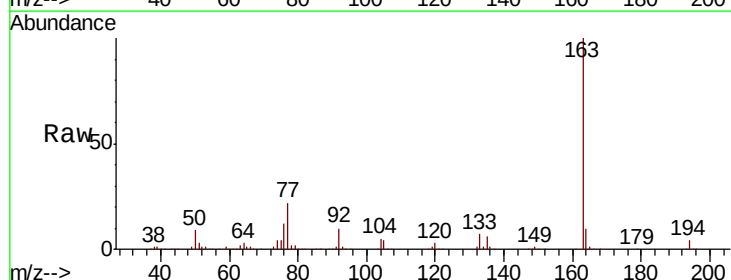
Tgt Ion:163 Resp: 695296

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

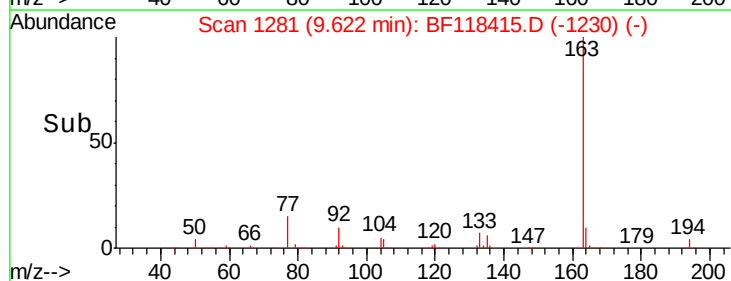
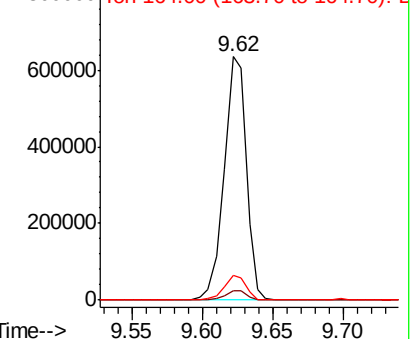
164 10.2 7.9 11.9

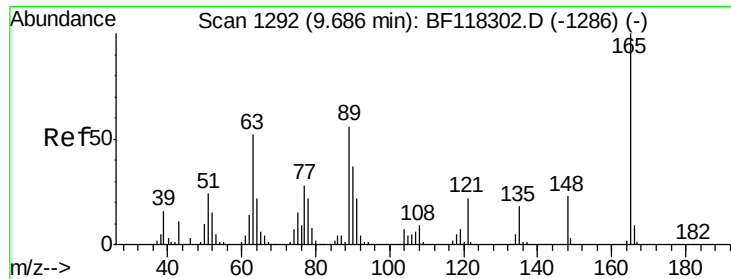


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.867 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118415.D

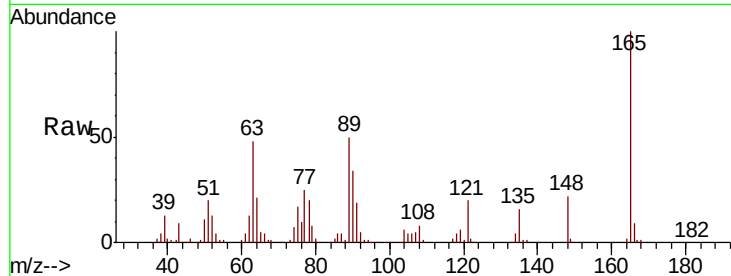
Acq: 31 Dec 2019 19:51

Instrument :

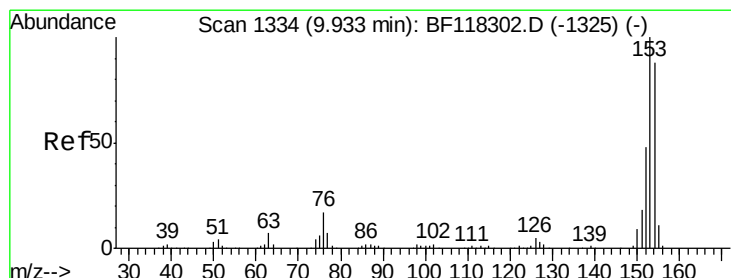
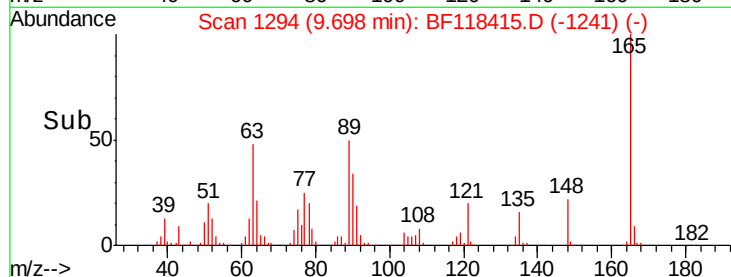
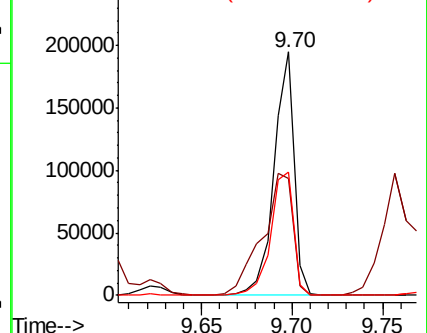
BNA_F

ClientSampled :

Tot Ion:	165	Resp:	150186
Ion	Ratio	Lower	Upper
165	100		
63	47.9	42.2	63.4
89	50.4	44.4	66.6



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: 45.078 ng

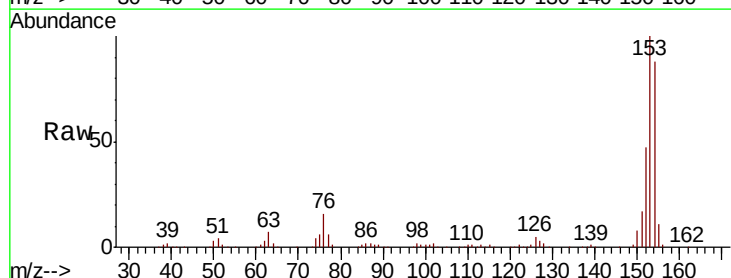
RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

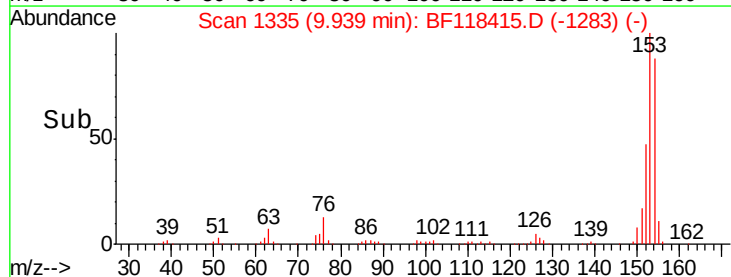
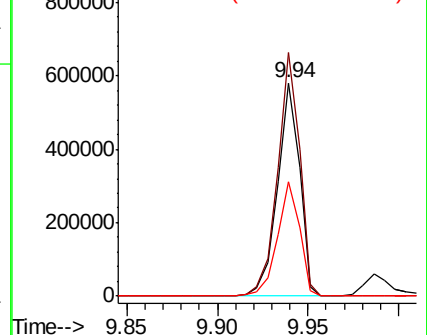
Lab File: BF118415.D

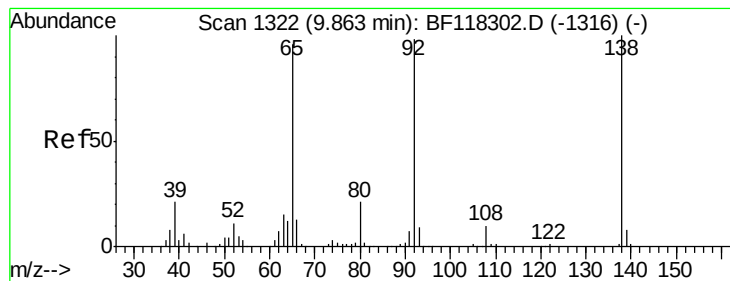
Acq: 31 Dec 2019 19:51

Tgt Ion:	154	Resp:	492304
Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.6	136.0
152	53.8	43.1	64.7



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: 13.134 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

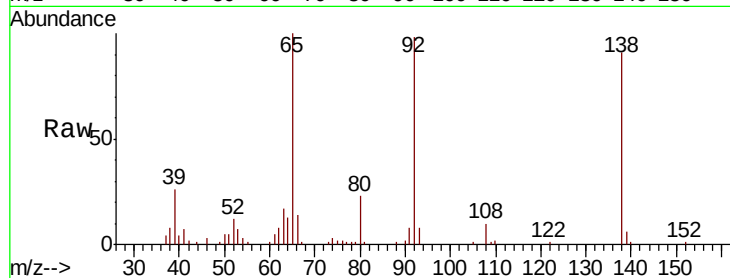
Tot Ion:138 Resp: 47377

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.8

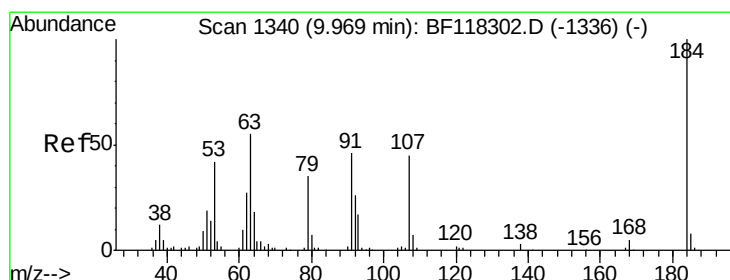
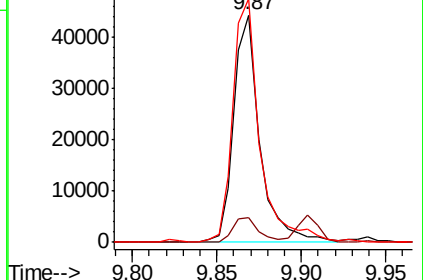
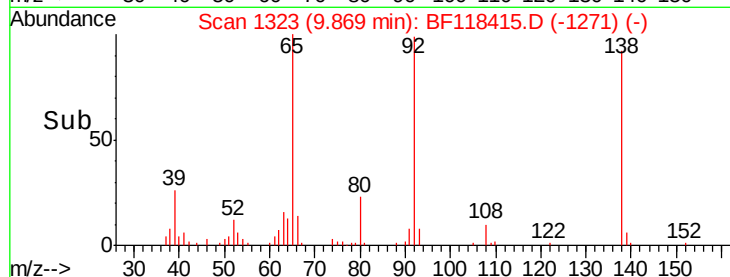
92 107.2 78.2 117.2



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: 61.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

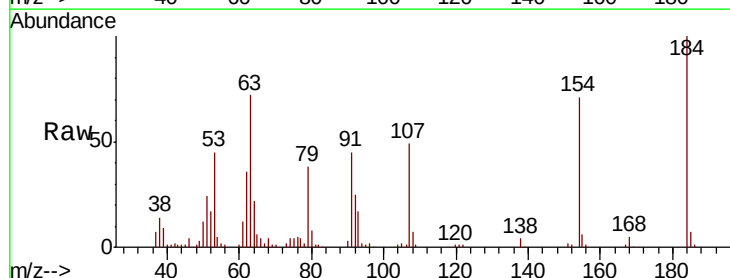
Tgt Ion:184 Resp: 92486

Ion Ratio Lower Upper

184 100

63 71.7 48.8 73.2

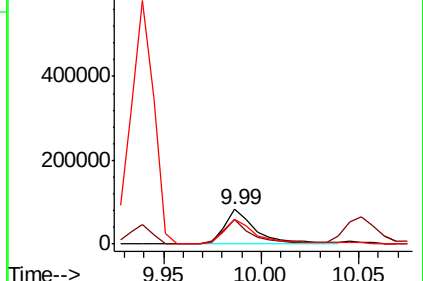
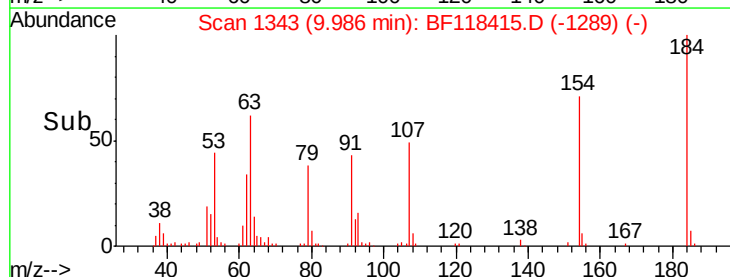
154 71.3 55.0 82.4

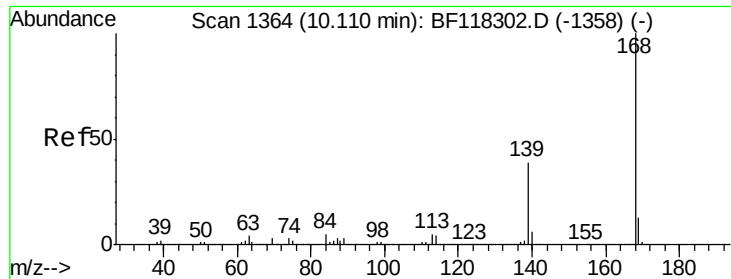


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

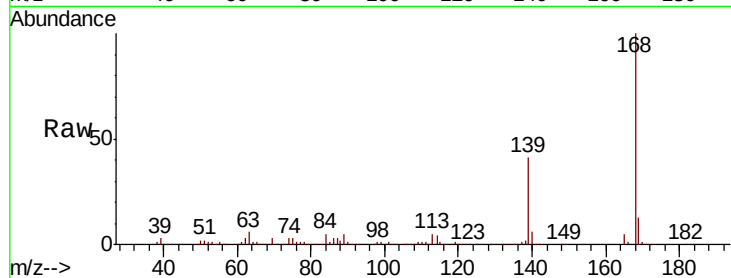




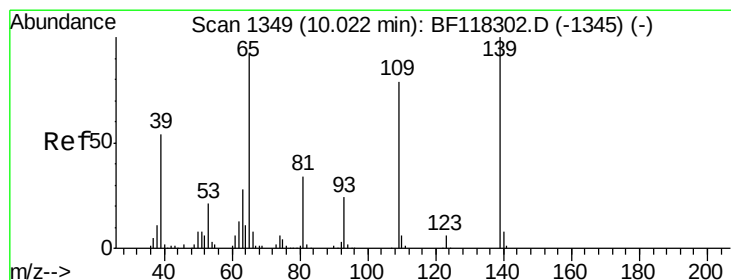
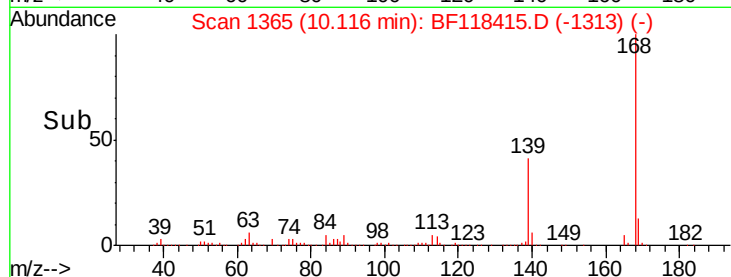
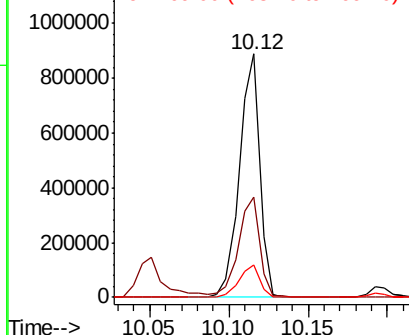
#55
Dibenzofuran
Concen: 48.812 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 787677
Ion Ratio Lower Upper
168 100
139 41.2 31.5 47.3
169 13.1 10.4 15.6

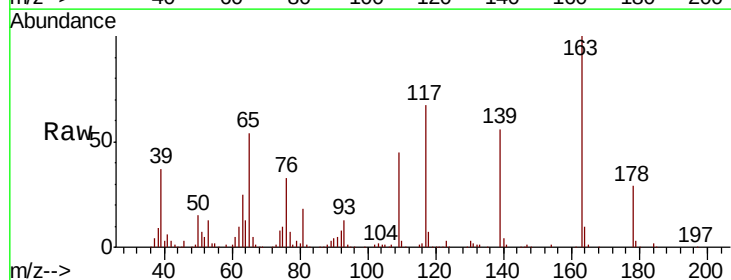


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

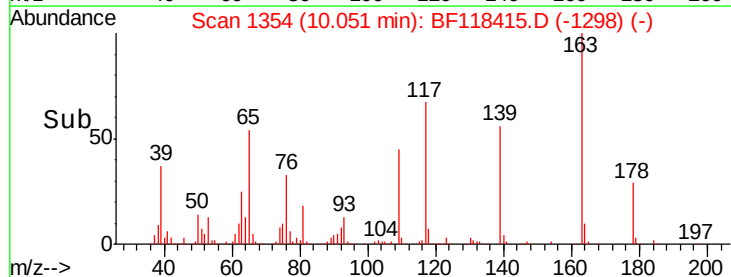
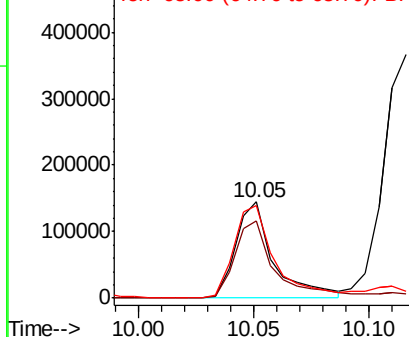


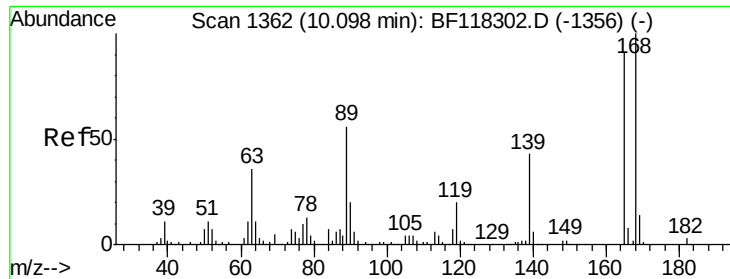
#56
4-Nitrophenol
Concen: 74.553 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.03 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:139 Resp: 166021
Ion Ratio Lower Upper
139 100
109 80.9 59.3 99.3
65 96.3 72.4 112.4



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

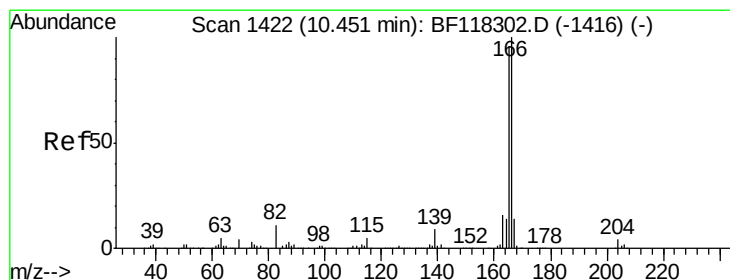
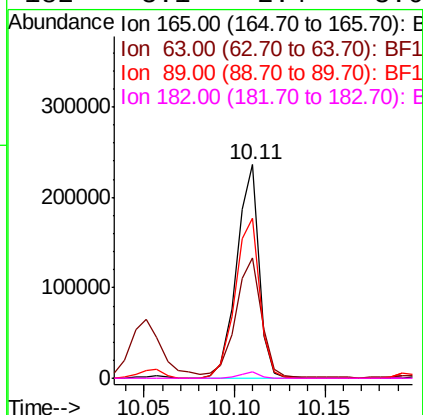
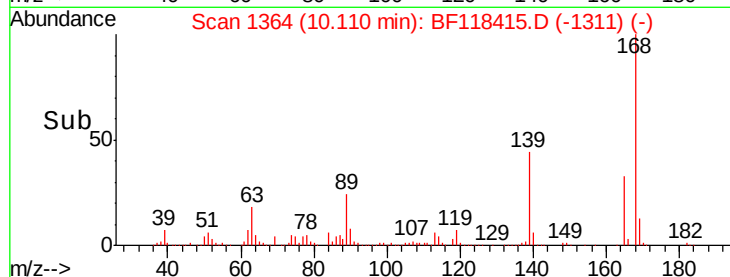
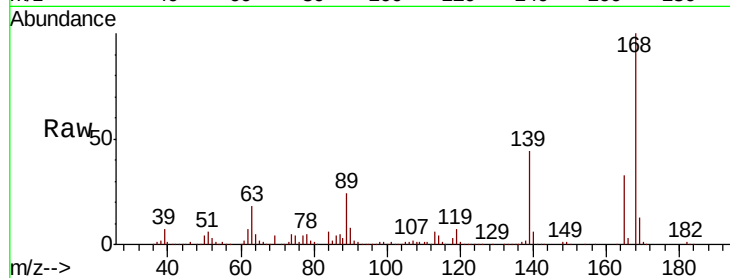




#57
2,4-Dinitrotoluene
Concen: 49.227 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

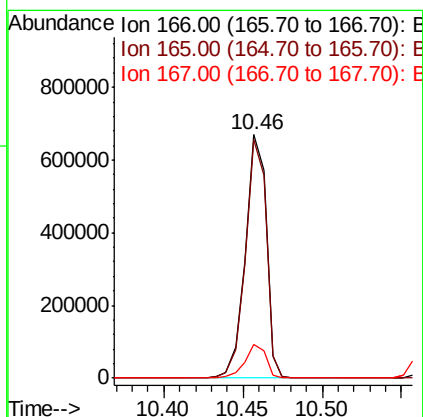
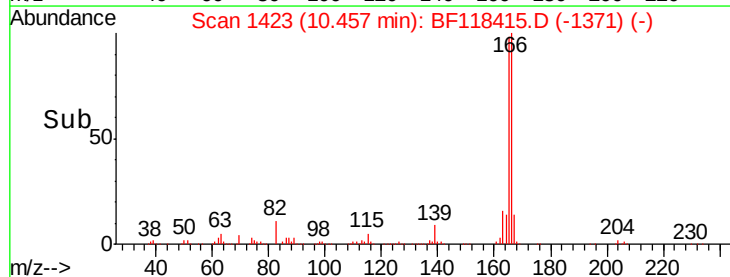
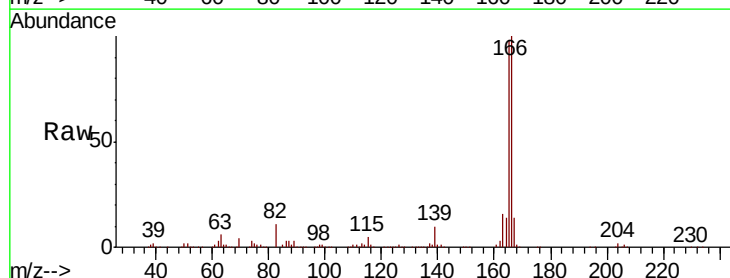
Instrument :
BNA_F
ClientSampleId :

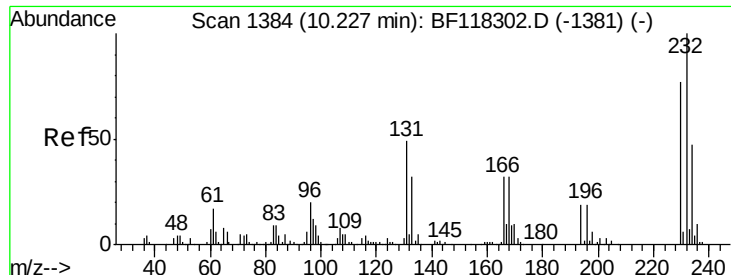
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	32.0	48.0#
89	74.7	49.3	73.9#
182	3.1	2.4	3.6



#58
Fluorene
Concen: 47.034 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.0	115.4
167	13.9	10.9	16.3

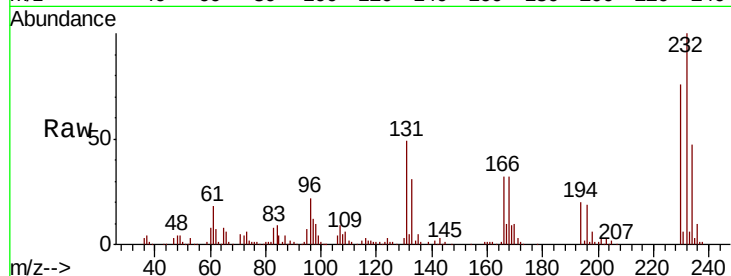




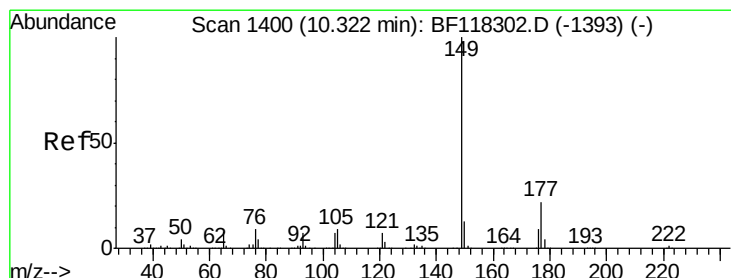
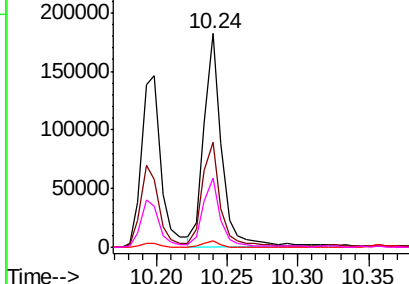
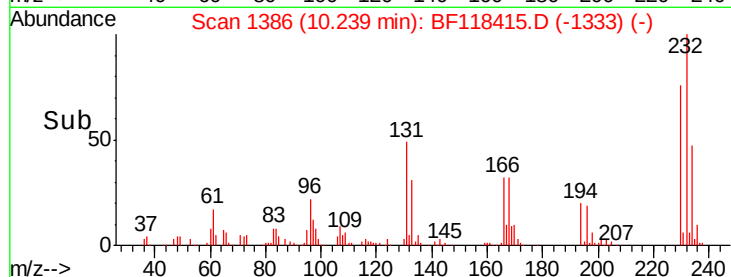
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.743 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 159079
 Ion Ratio Lower Upper
 232 100
 131 49.6 37.7 56.5
 130 2.6 2.0 3.0
 166 31.9 24.7 37.1

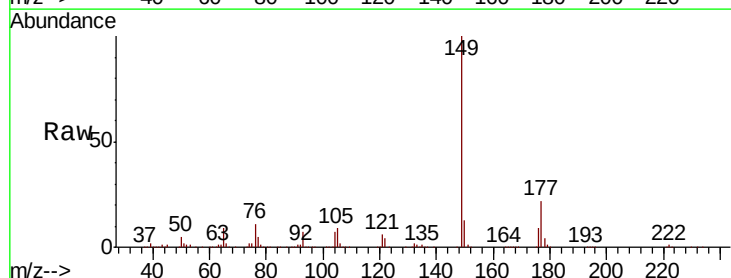


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

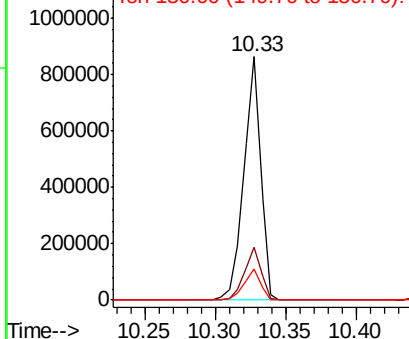
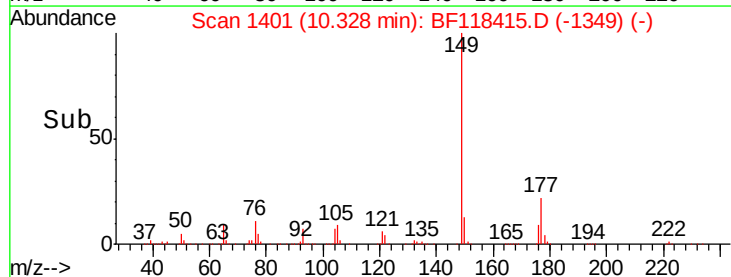


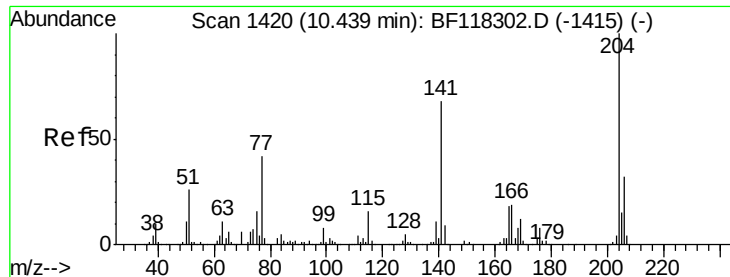
#60
 Diethylphthalate
 Concen: 51.134 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion:149 Resp: 721148
 Ion Ratio Lower Upper
 149 100
 177 21.5 17.9 26.9
 150 12.7 10.2 15.2



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

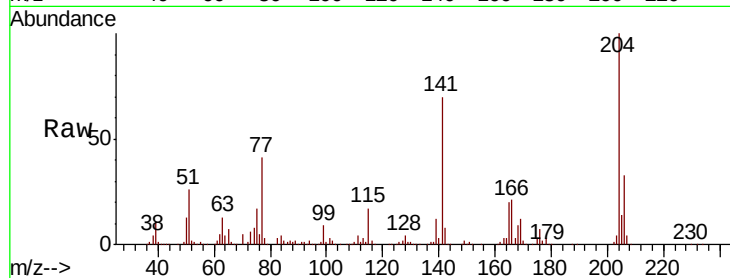




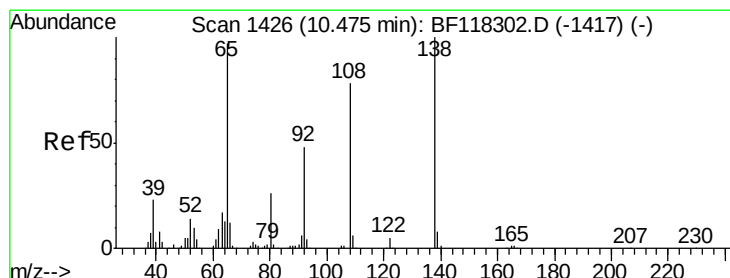
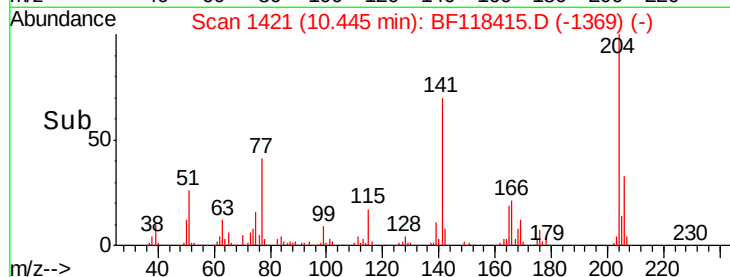
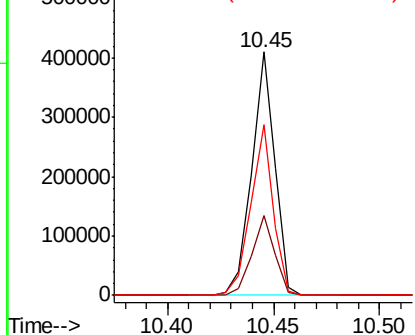
#61
 4-Chlorophenyl-phenylether
 Concen: 47.970 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 311948
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.8 38.8
 141 70.0 54.2 81.4

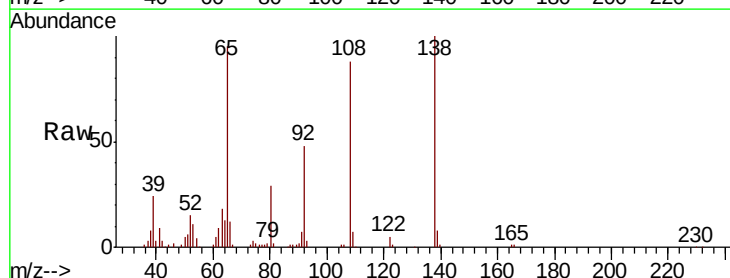


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

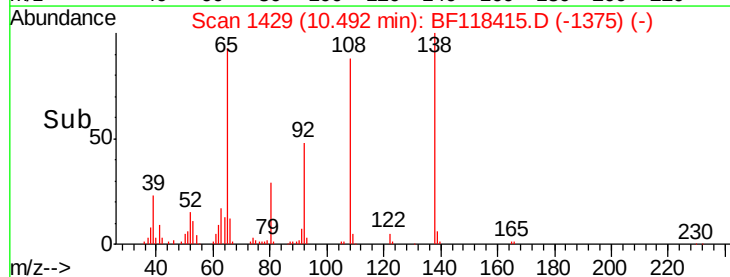
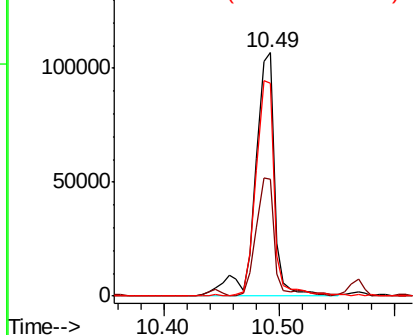


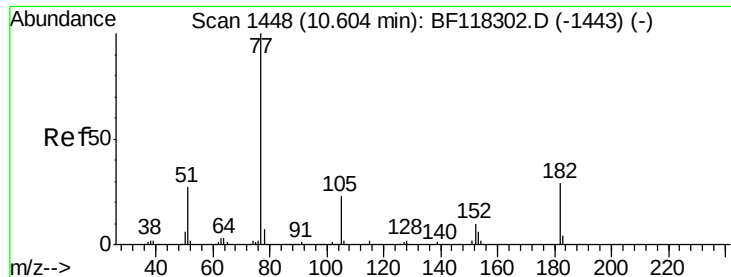
#62
 4-Nitroaniline
 Concen: 34.019 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.02 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion:138 Resp: 127482
 Ion Ratio Lower Upper
 138 100
 92 47.9 27.9 67.9
 108 87.7 58.1 98.1



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

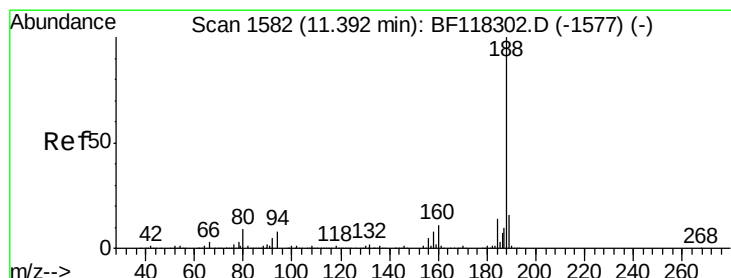
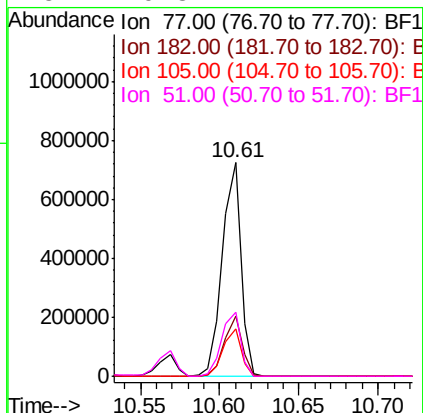
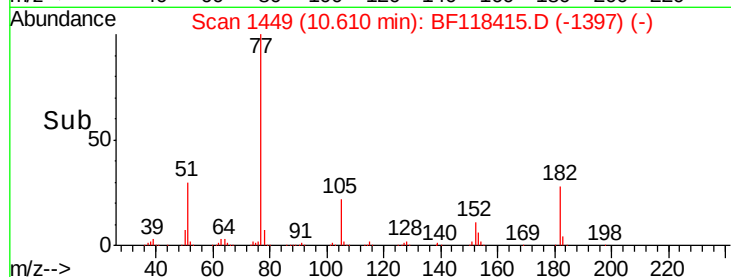
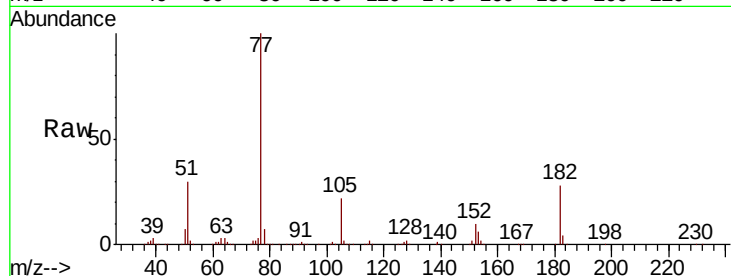




#63
Azobenzene
Concen: 49.265 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

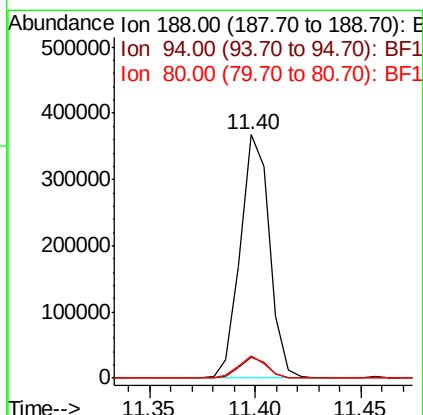
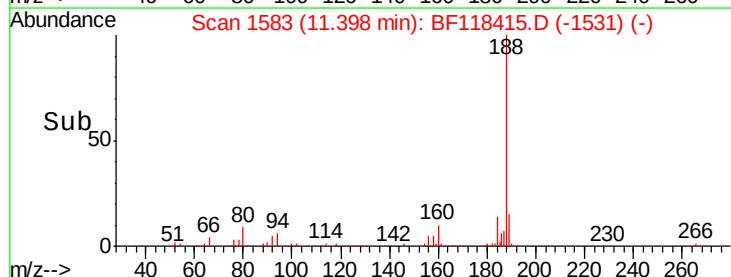
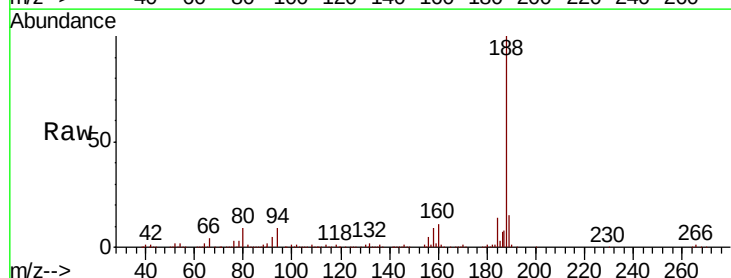
Instrument :
BNA_F
ClientSampleId :

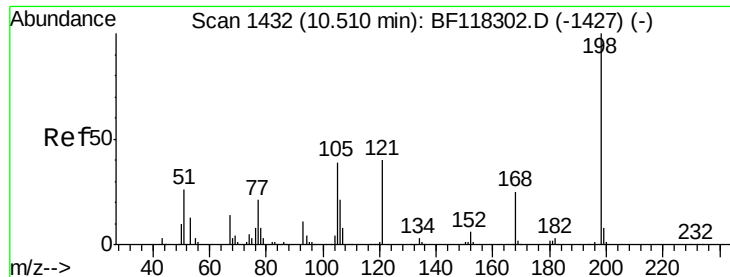
Tot Ion:	77	Resp:	595123
Ion	Ratio	Lower	Upper
77	100		
182	28.4	9.2	49.2
105	21.9	3.2	43.2
51	29.8	7.1	47.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:	188	Resp:	350958
Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.4	7.2	10.8

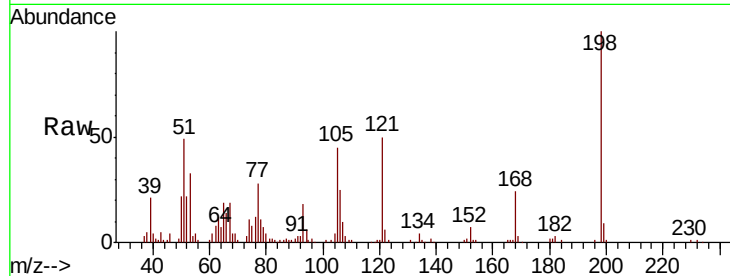




#65
4,6-Dinitro-2-methylphenol
Concen: 37.536 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	198	Resp	71067
Ion Ratio	100	Lower	Upper
51	49.2	12.8	52.8
105	45.4	20.3	60.3

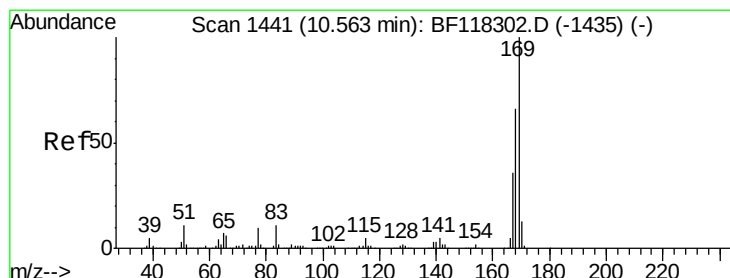
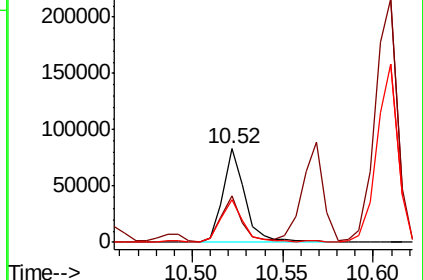
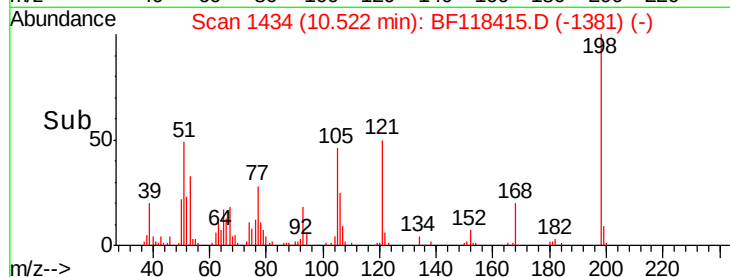


Abundance

Ion 198.00 (197.70 to 198.70): E

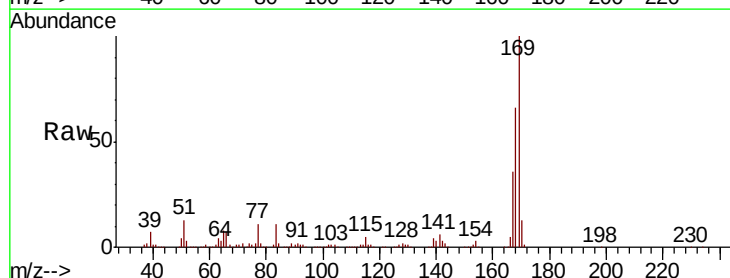
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 48.259 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	169	Resp	542820
Ion Ratio	100	Lower	Upper
168	66.4	52.6	79.0
167	36.0	28.4	42.6

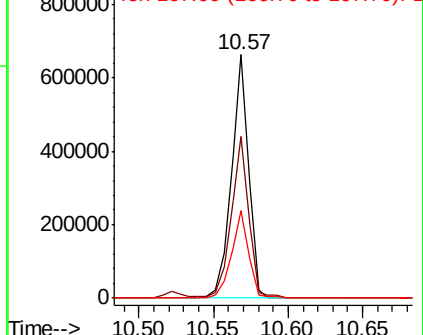
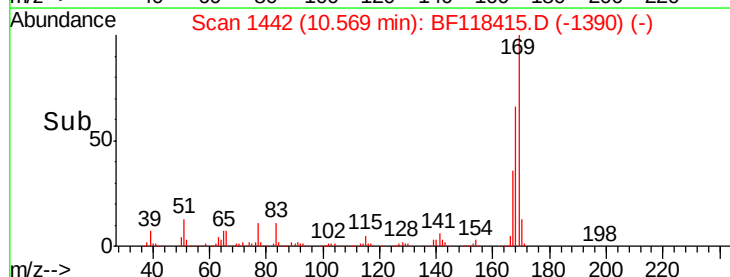


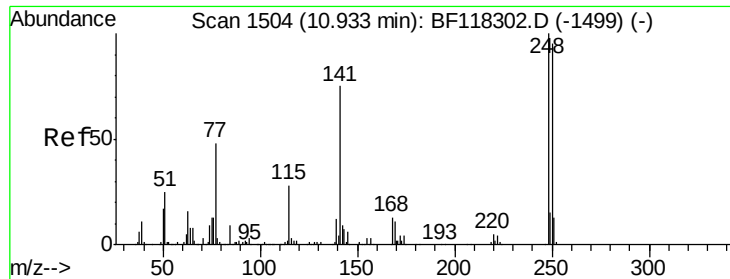
Abundance

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

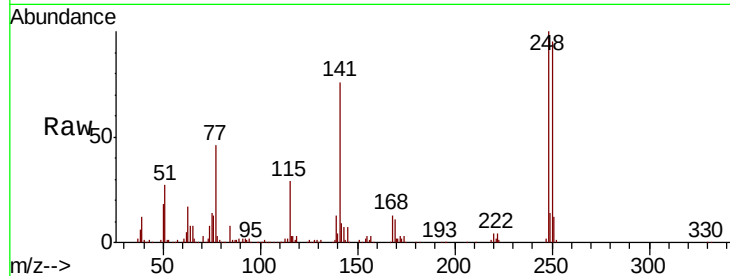




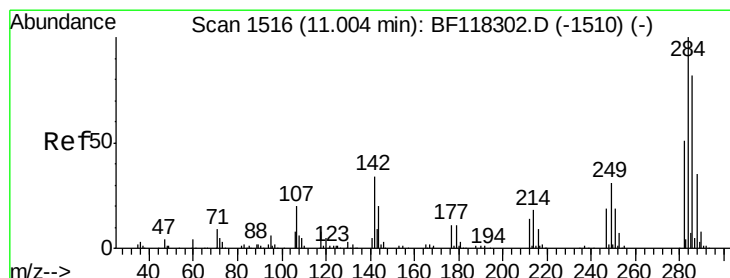
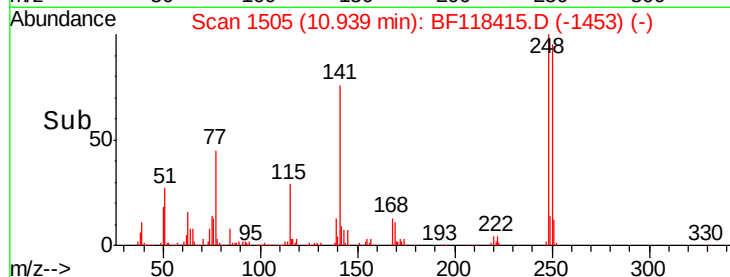
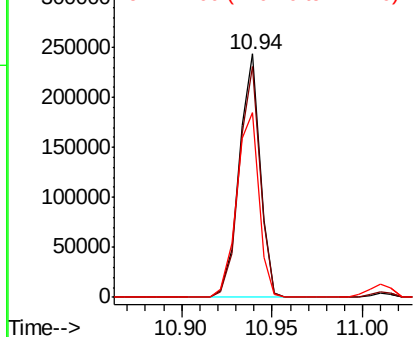
#67
4-Bromophenyl-phenylether
Concen: 47.536 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 195240
Ion Ratio Lower Upper
248 100
250 94.8 76.4 114.6
141 75.7 60.2 90.2

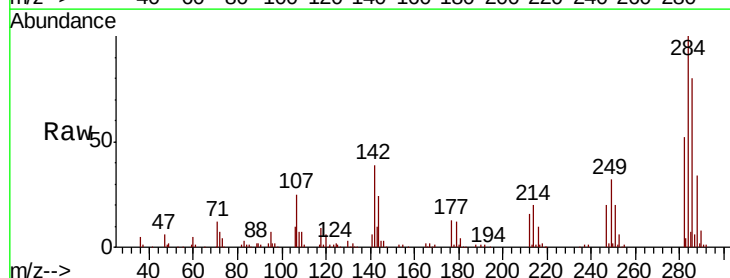


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

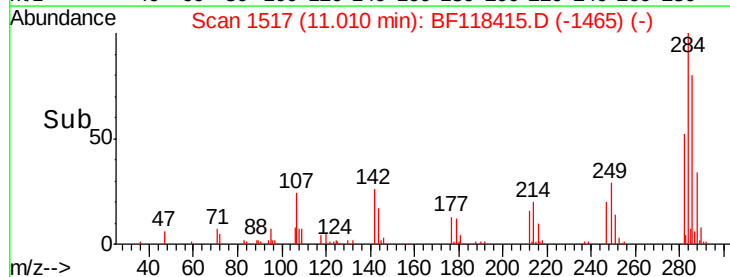
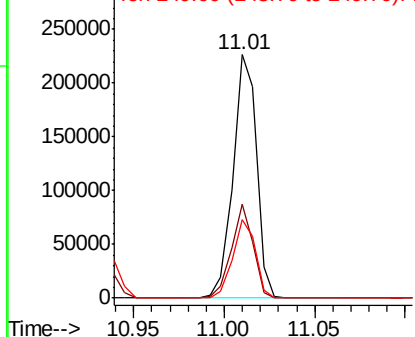


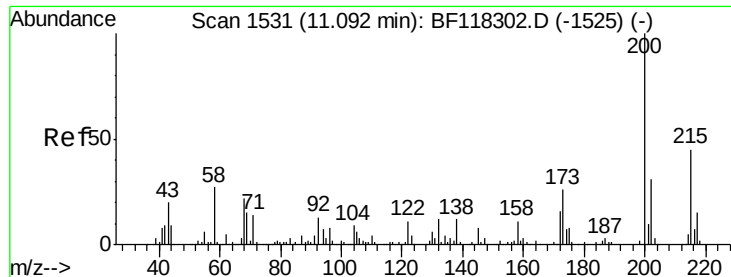
#68
Hexachlorobenzene
Concen: 42.270 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:284 Resp: 204355
Ion Ratio Lower Upper
284 100
142 38.6 27.3 40.9
249 32.4 25.0 37.6



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

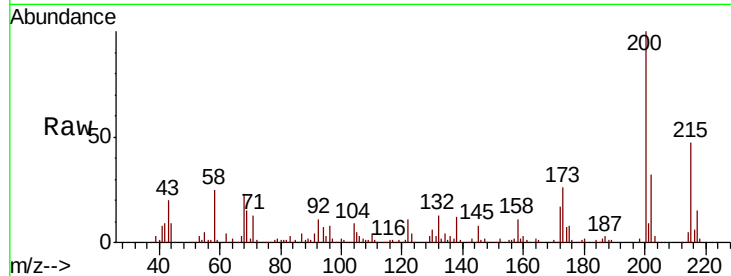




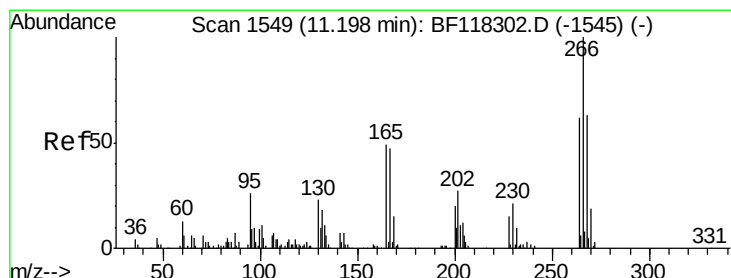
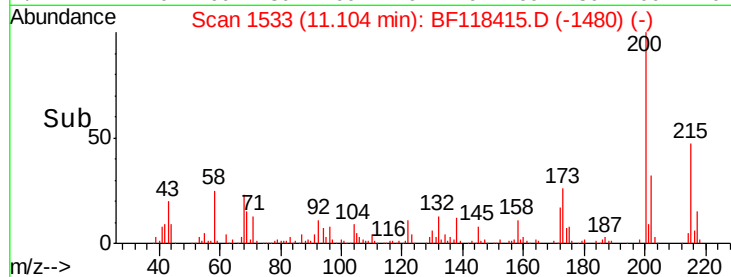
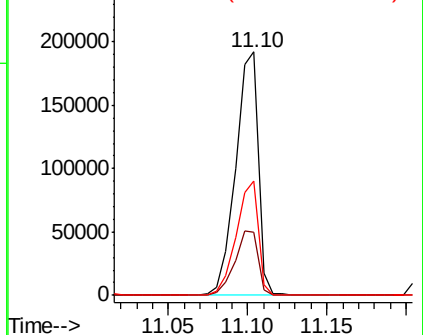
#69
Atrazine
Concen: 54.749 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 190062
Ion Ratio Lower Upper
200 100
173 26.1 5.8 45.8
215 47.1 25.1 65.1

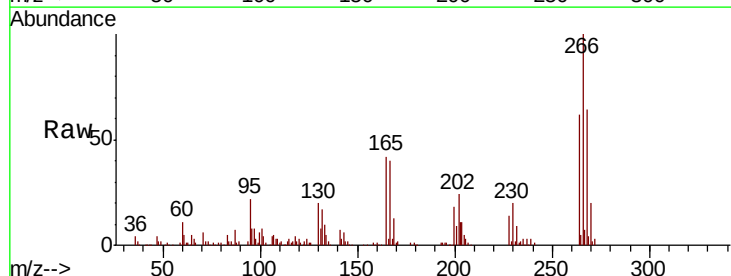


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

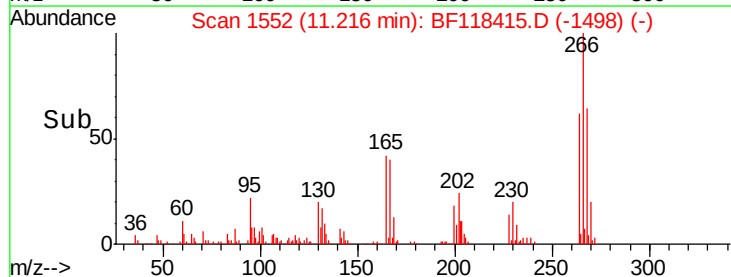
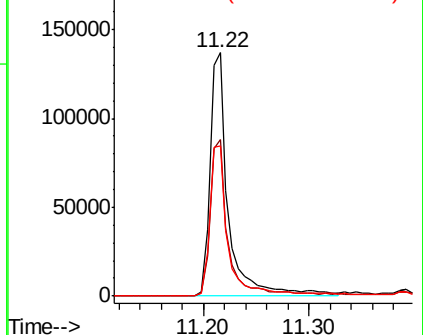


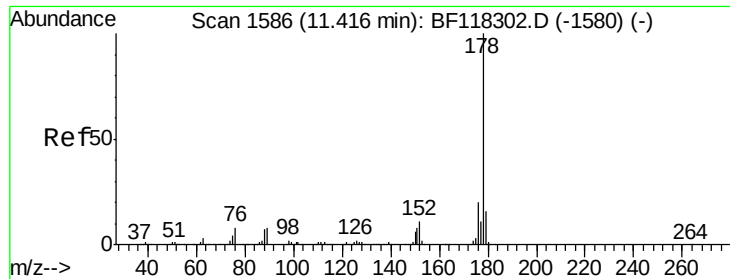
#70
Pentachlorophenol
Concen: 80.198 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:266 Resp: 167915
Ion Ratio Lower Upper
266 100
268 64.4 50.6 76.0
264 61.9 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.167 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

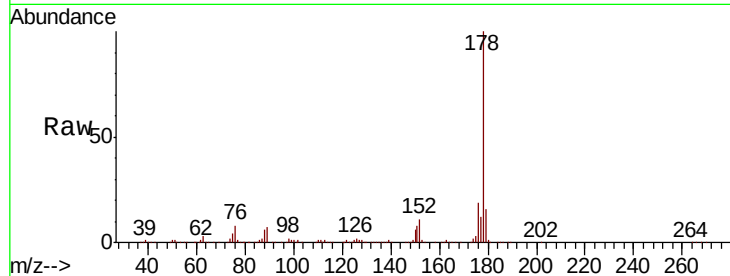
Tot Ion:178 Resp: 864151

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

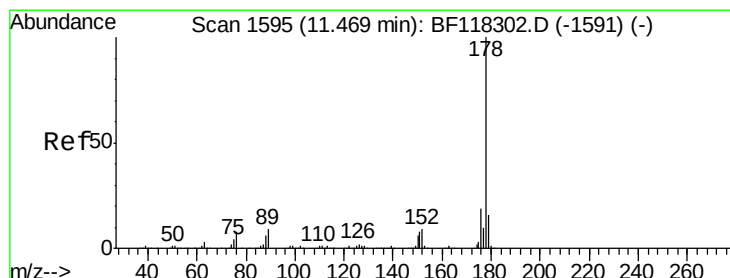
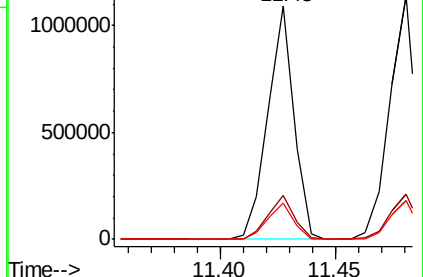
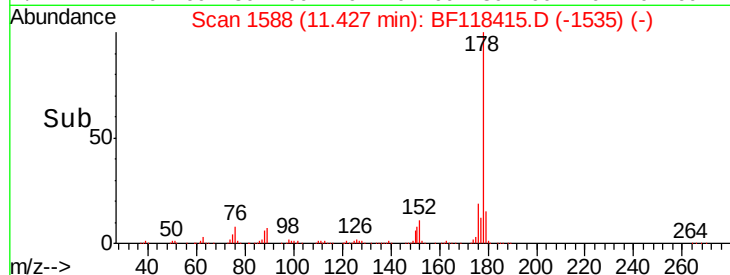
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.930 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

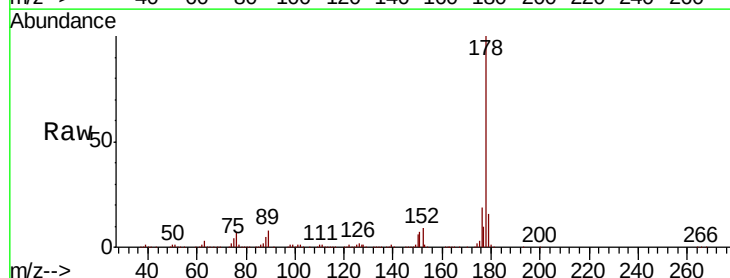
Tgt Ion:178 Resp: 917876

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

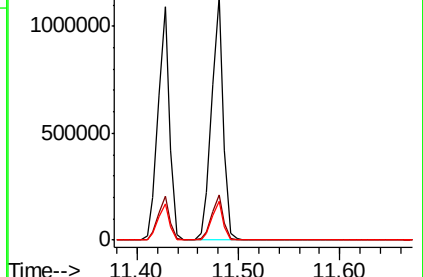
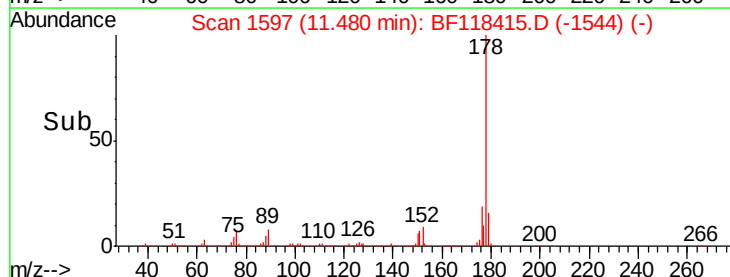
179 15.8 12.9 19.3

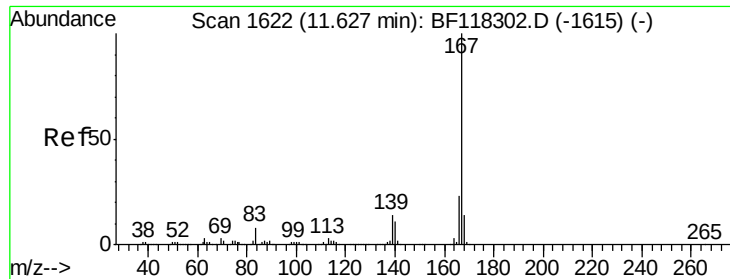


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.167 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampled :

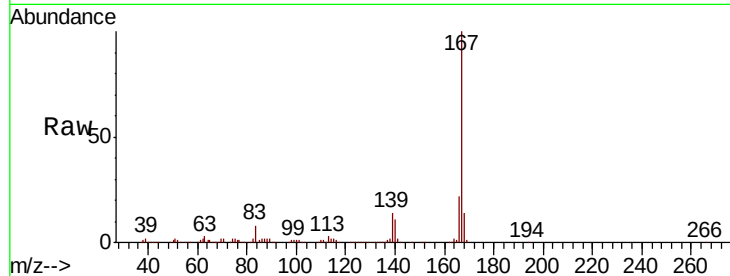
Tot Ion:167 Resp: 767515

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

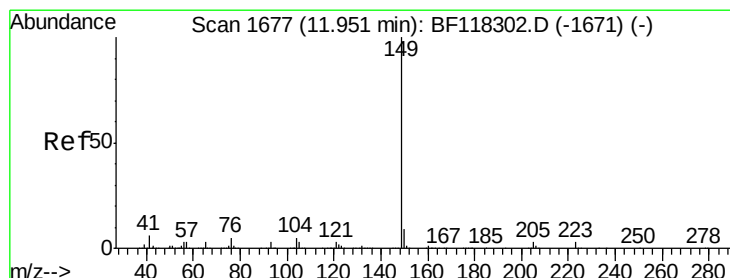
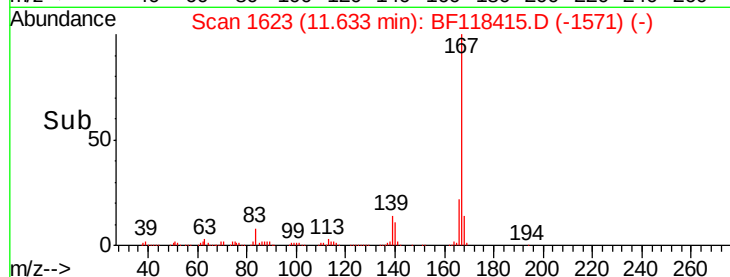
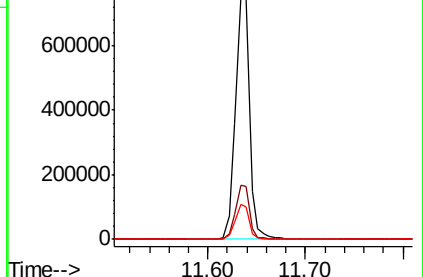
139 14.2 11.5 17.3



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: 53.096 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

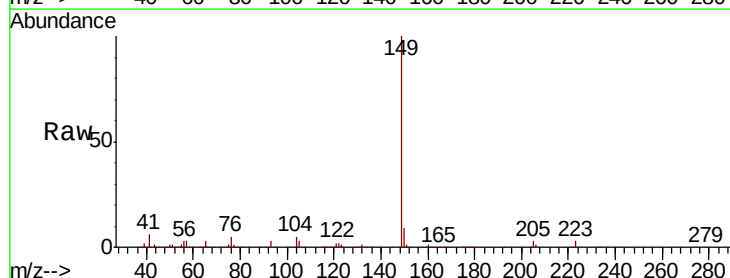
Tgt Ion:149 Resp: 1144016

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

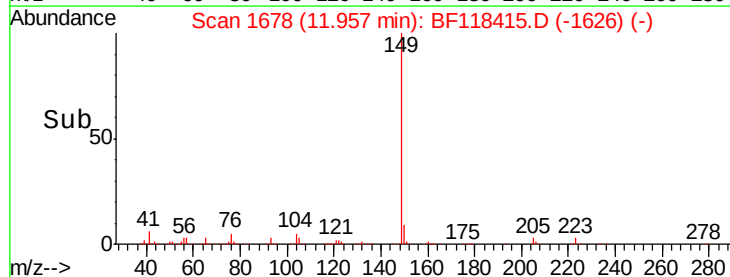
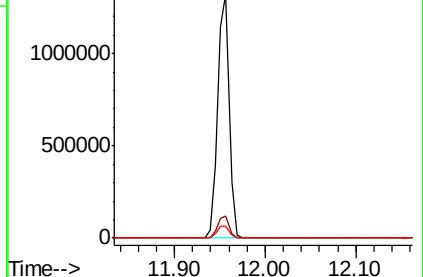
104 5.0 4.0 6.0

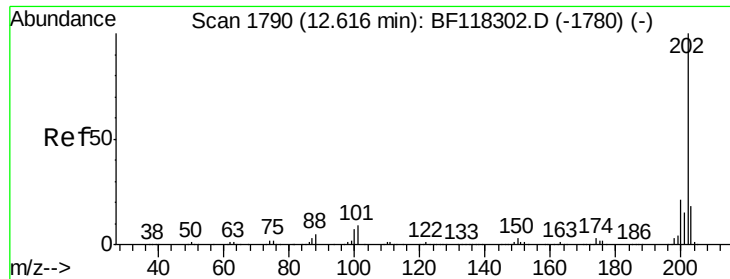


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

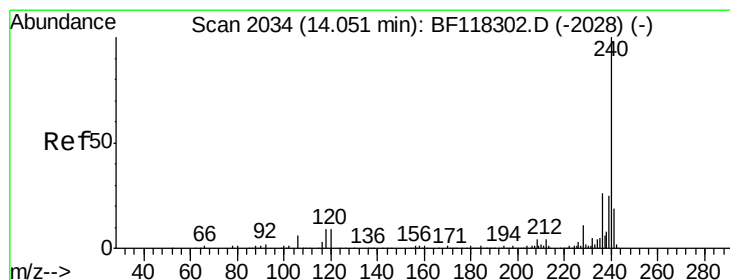
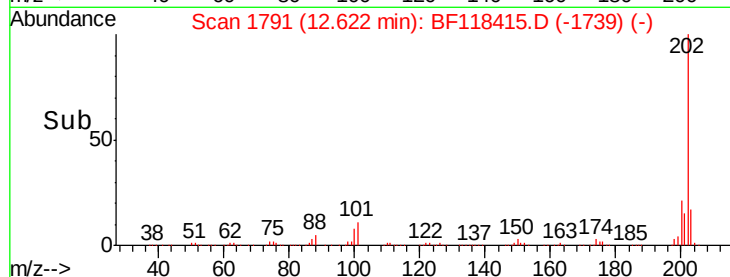
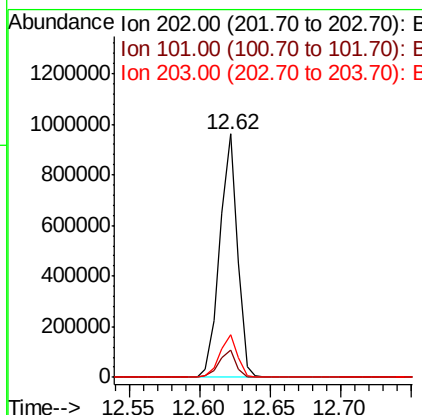
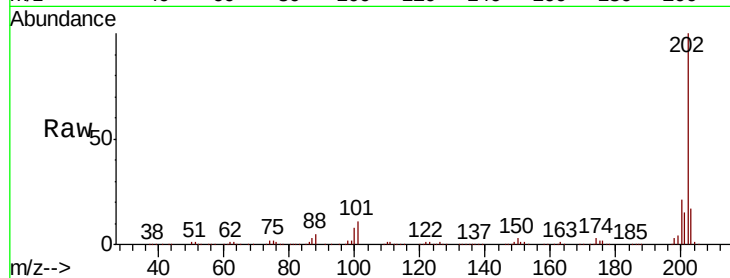




#75
 Fluoranthene
 Concen: 43.578 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

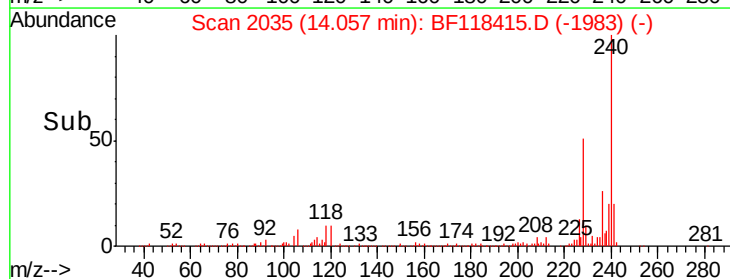
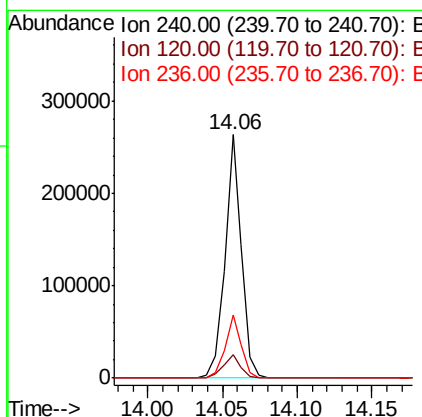
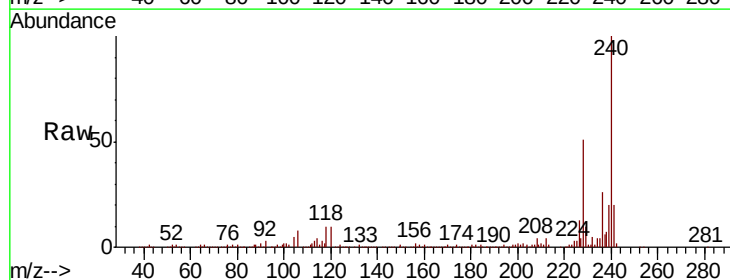
Instrument :
 BNA_F
 ClientSampleId :

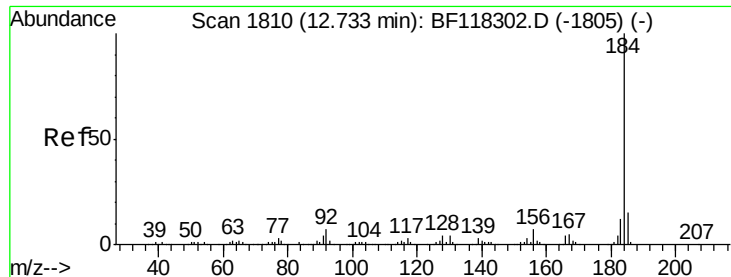
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.5
203	17.4	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.1	10.7
236	25.9	21.0	31.6





#77

Benzidine

Concen: 24.987 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

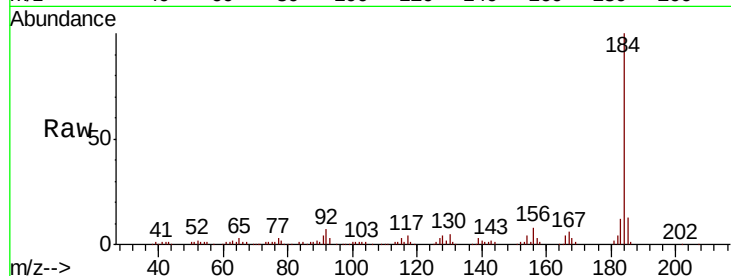
Tot Ion:184 Resp: 140388

Ion Ratio Lower Upper

184 100

185 13.5 12.3 18.5

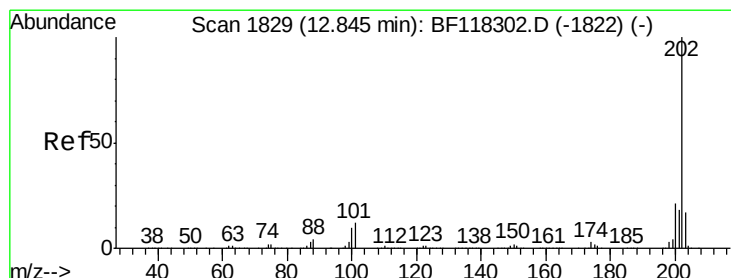
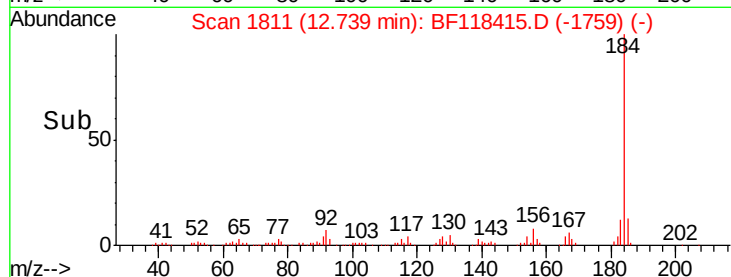
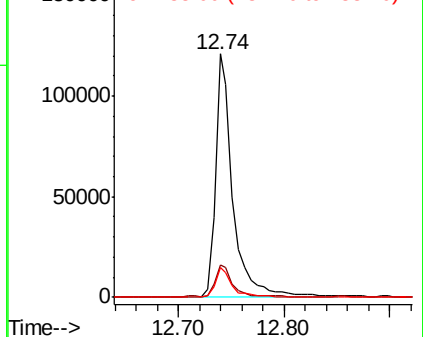
183 12.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.740 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

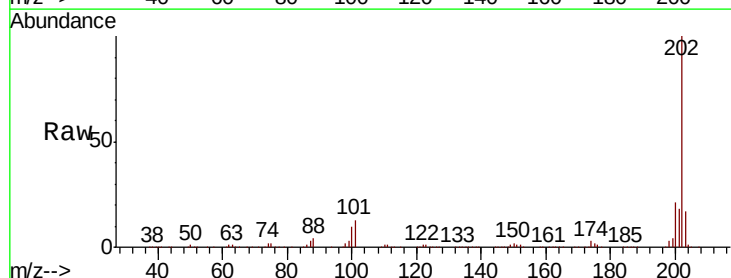
Tgt Ion:202 Resp: 816102

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

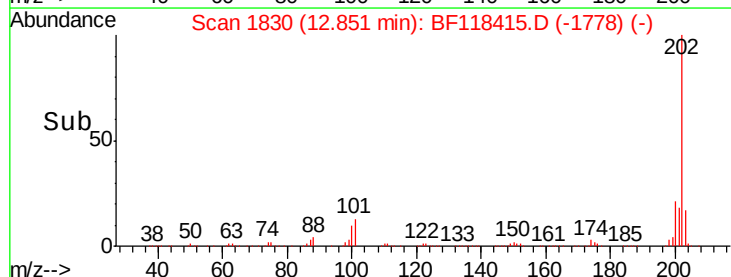
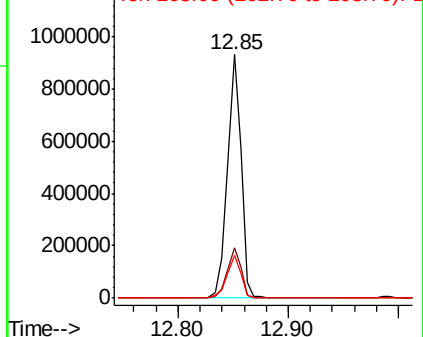
203 17.3 13.9 20.9

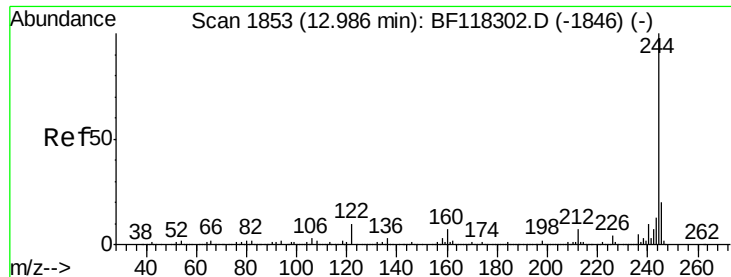


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 103.680 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

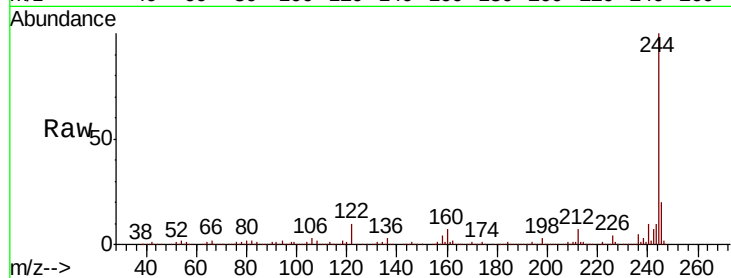
Tot Ion:244 Resp: 1281410

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

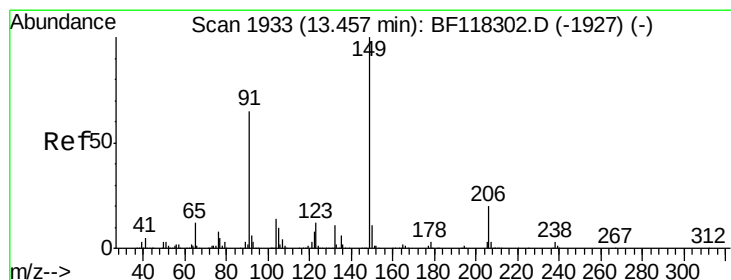
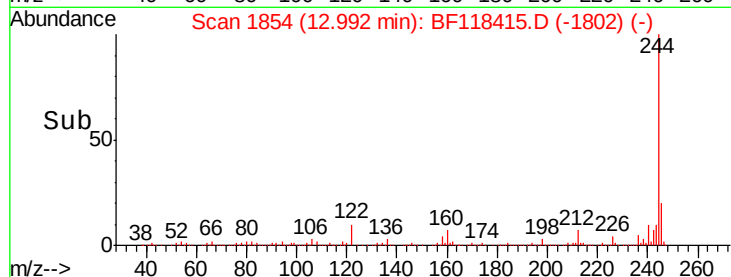
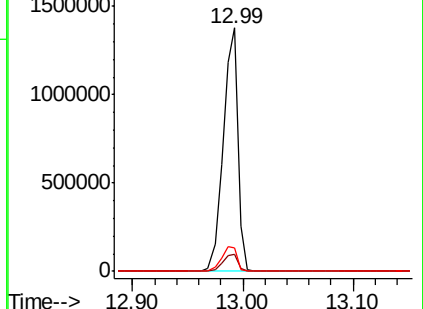
122 9.8 7.8 11.8



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: 47.822 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

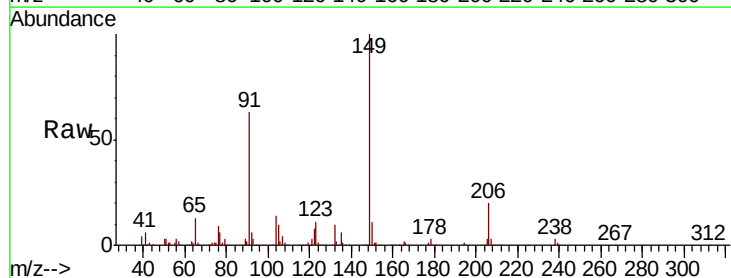
Tgt Ion:149 Resp: 360535

Ion Ratio Lower Upper

149 100

91 62.5 51.8 77.6

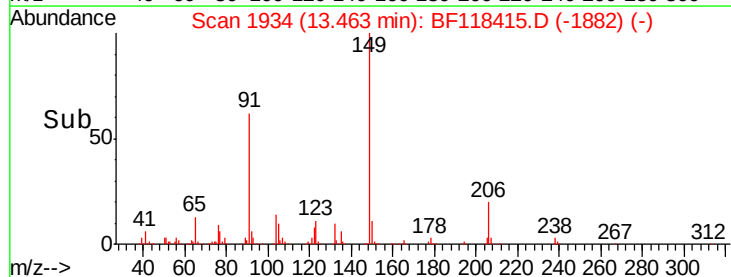
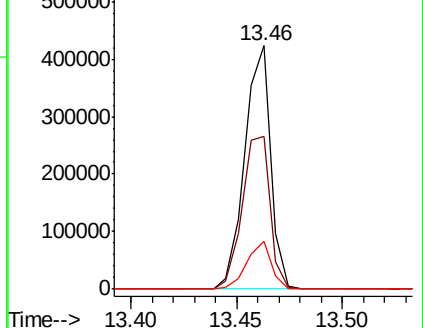
206 19.6 15.7 23.5

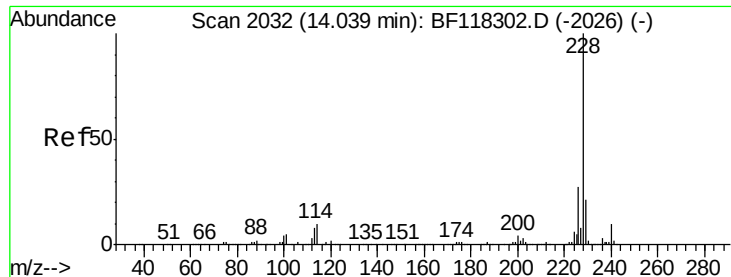


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.601 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

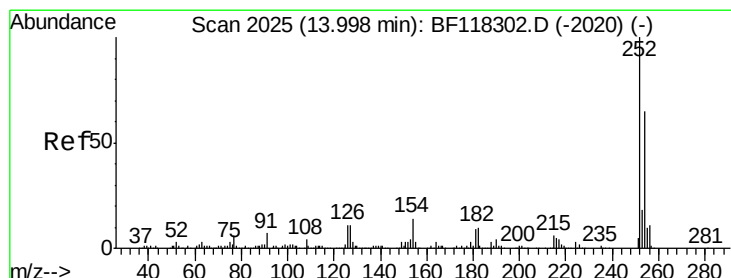
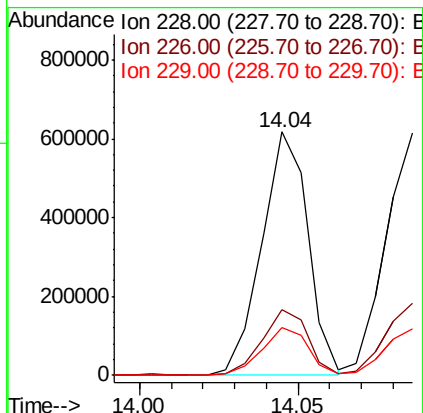
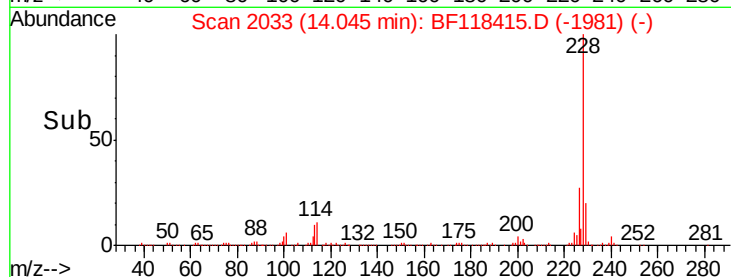
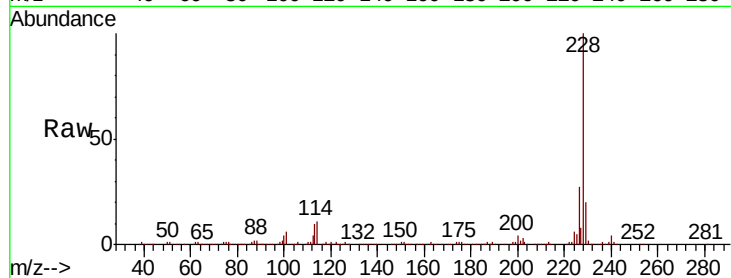
Tot Ion:228 Resp: 625786

Ion Ratio Lower Upper

228 100

226 26.9 22.0 33.0

229 19.8 16.6 24.8



#82

3,3'-Dichlorobenzidine

Concen: 31.738 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

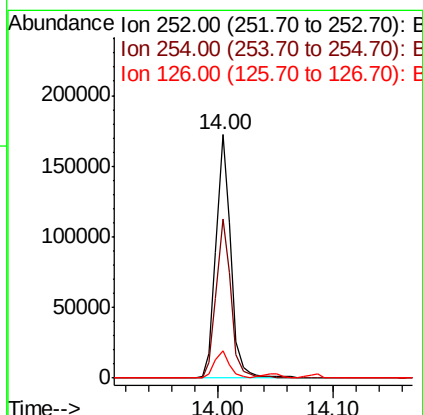
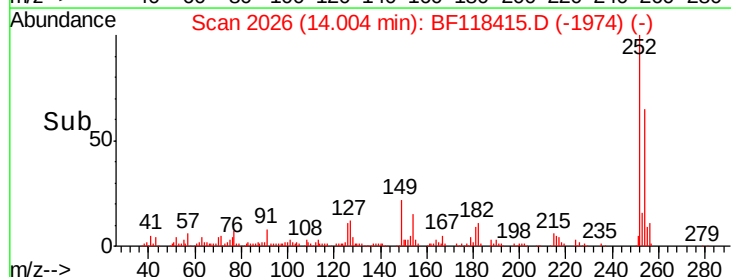
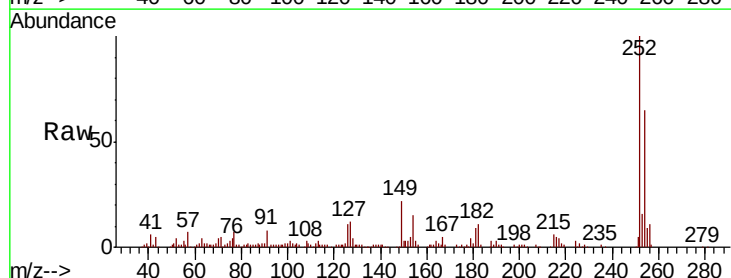
Tgt Ion:252 Resp: 154446

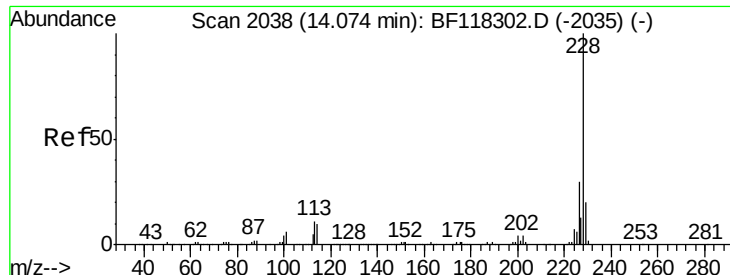
Ion Ratio Lower Upper

252 100

254 65.3 51.8 77.8

126 11.4 8.7 13.1





#83

Chrysene

Concen: 38.083 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

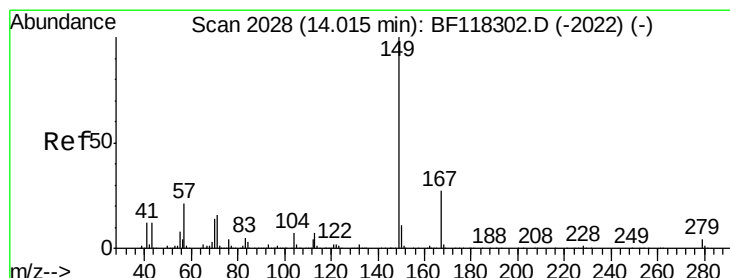
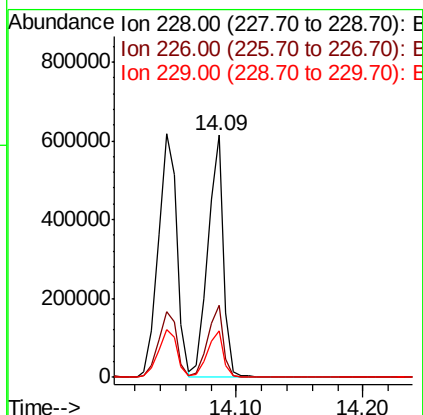
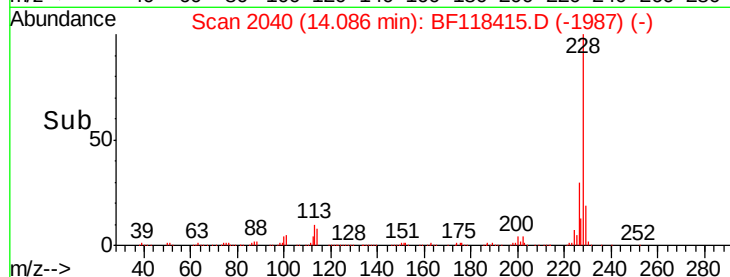
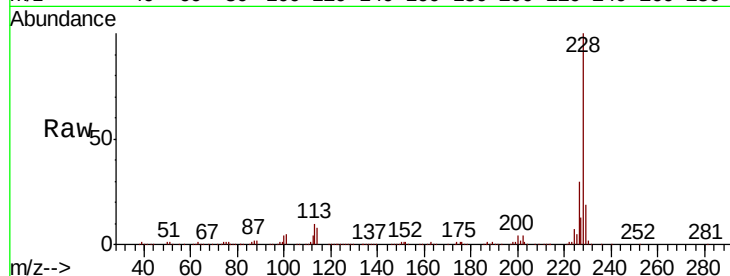
Tot Ion:228 Resp: 523362

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.610 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

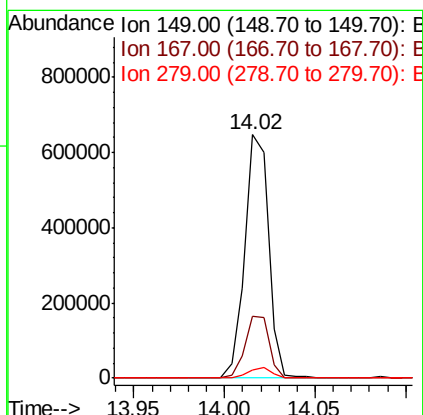
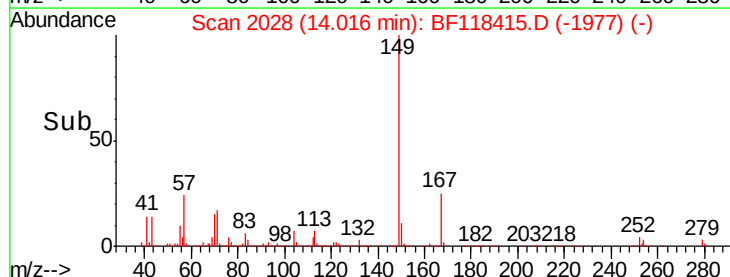
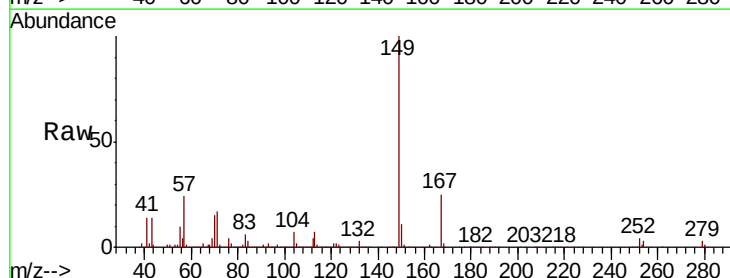
Tgt Ion:149 Resp: 590943

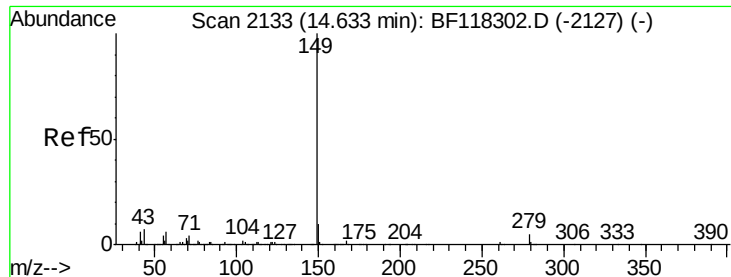
Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

279 3.5 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 58.663 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

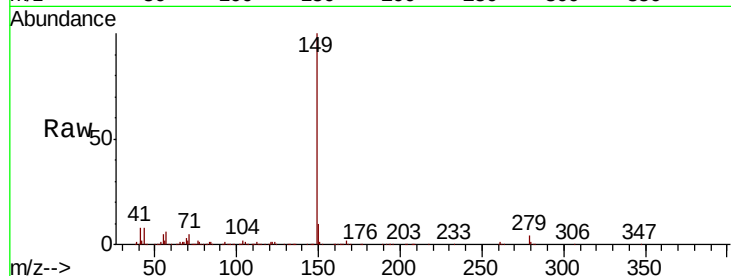
Tot Ion:149 Resp: 855454

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

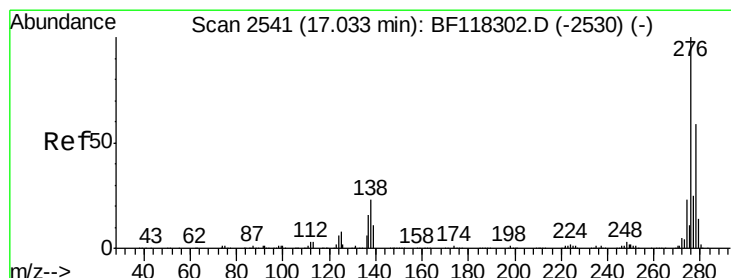
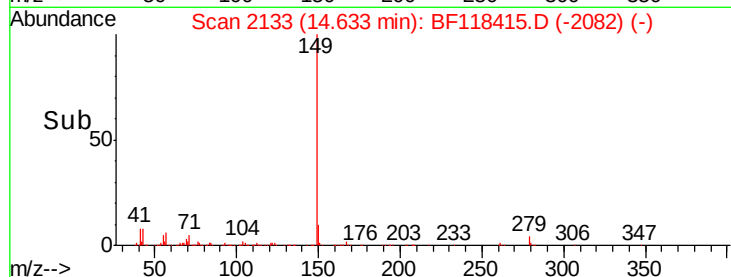
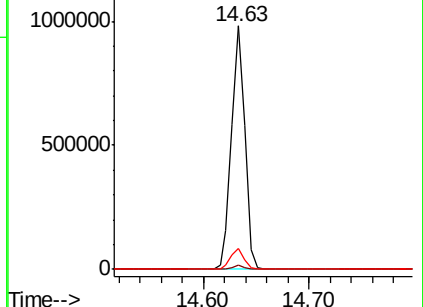
43 8.1 6.1 9.1



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: 45.278 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.05 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

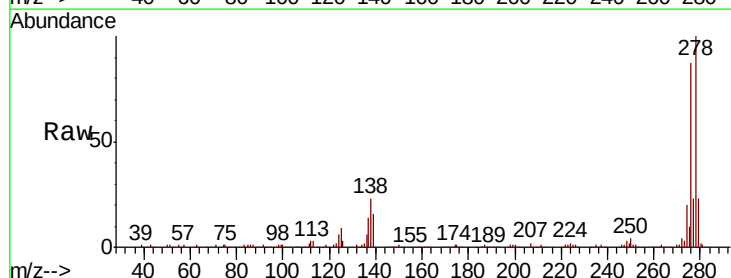
Tgt Ion:276 Resp: 530187

Ion Ratio Lower Upper

276 100

138 23.3 19.5 29.3

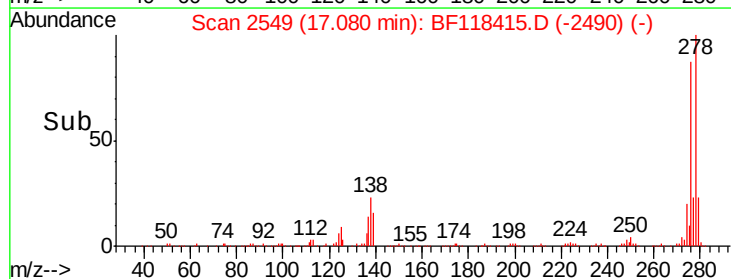
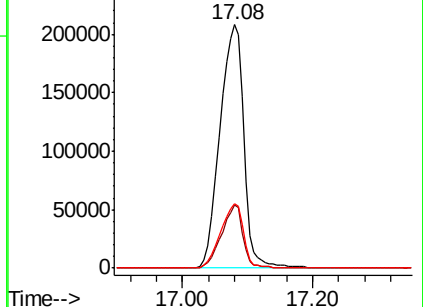
277 25.4 20.6 30.8

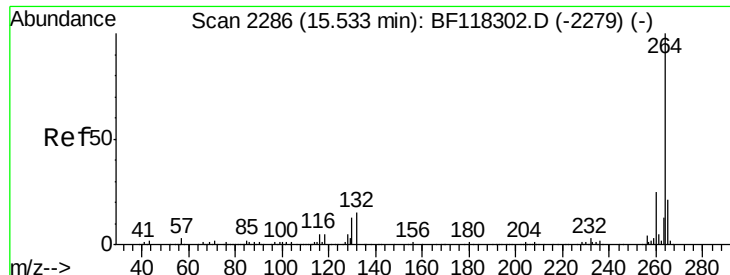


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

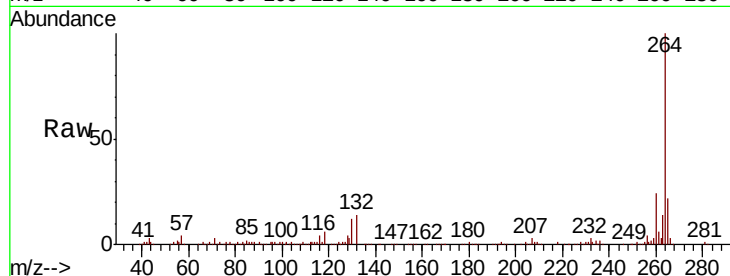




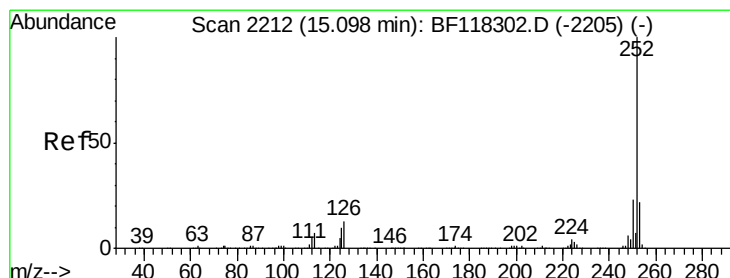
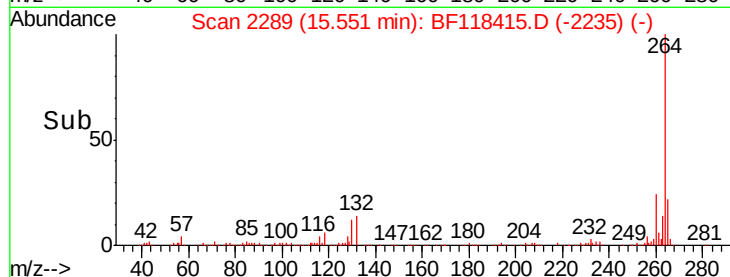
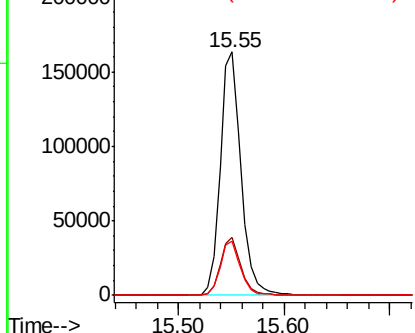
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 224094
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 22.4 17.0 25.4

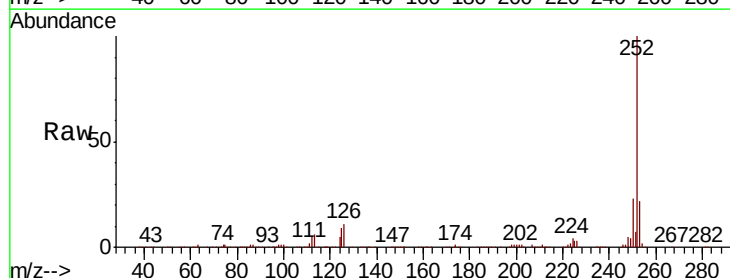


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

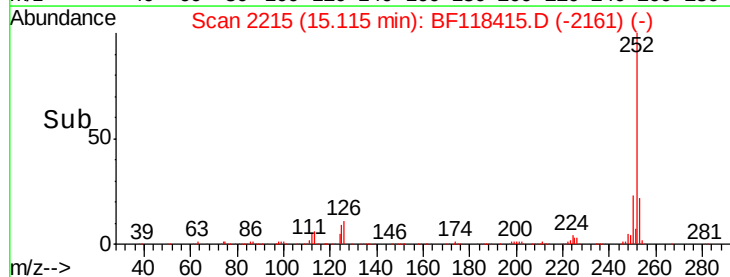
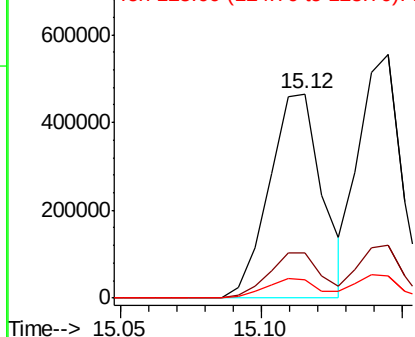


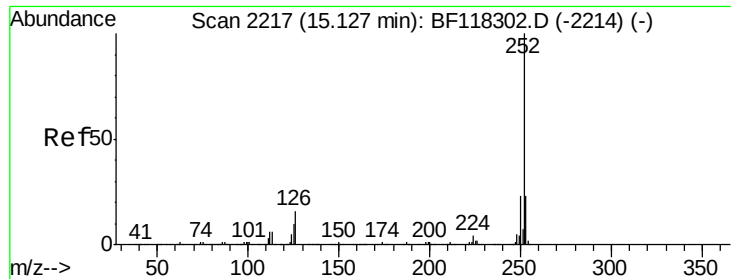
#88
Benzo(b)fluoranthene
Concen: 40.884 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:252 Resp: 608158
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.0 7.7 11.5



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

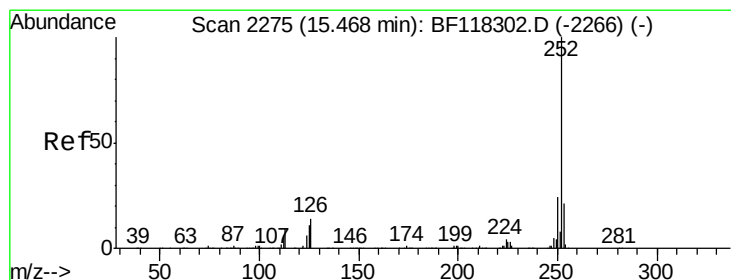
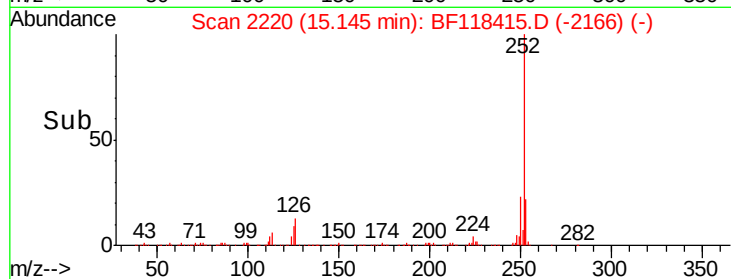
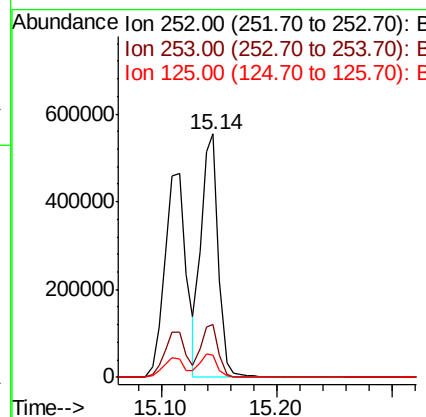
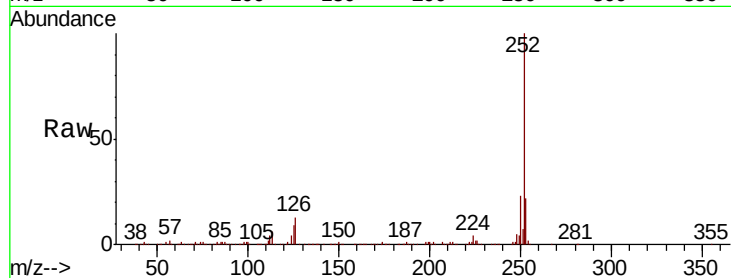




#89
Benzo(k)fluoranthene
Concen: 40.481 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

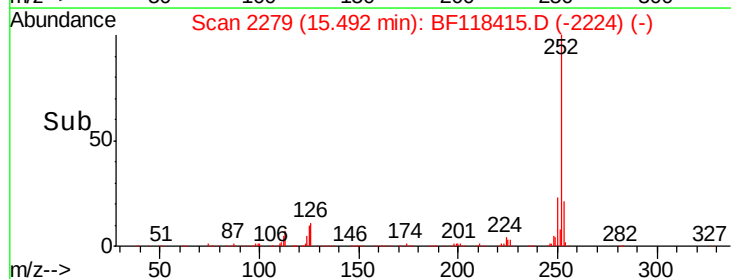
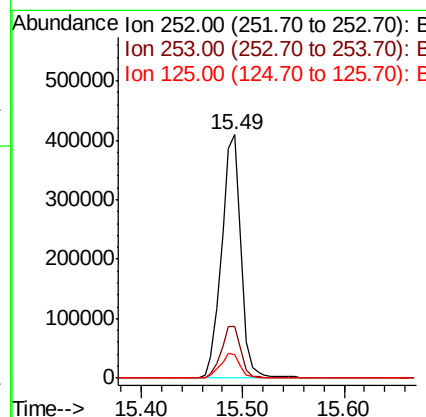
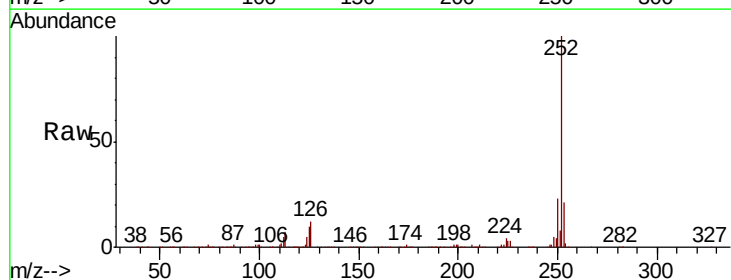
Instrument :
BNA_F
ClientSampleId :

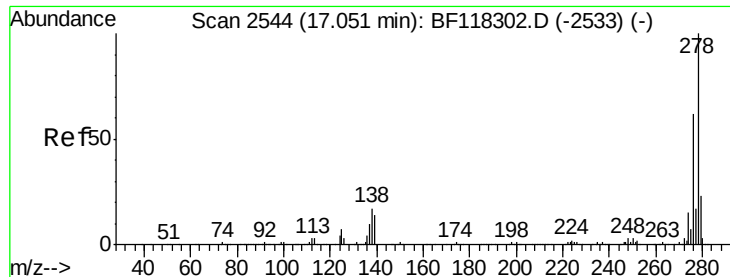
Tot Ion:252 Resp: 578194
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.9 8.0 12.0



#90
Benzo(a)pyrene
Concen: 41.215 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:252 Resp: 540084
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 9.7 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 41.225 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.04 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

ClientSampleId :

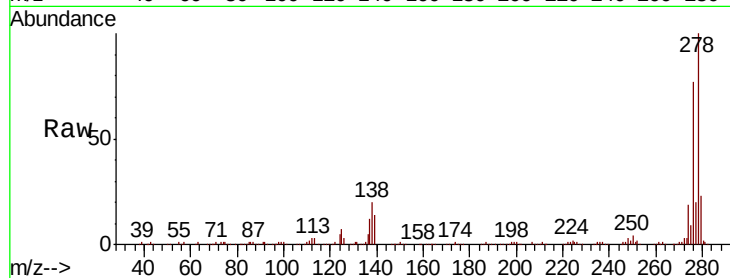
Tot Ion:278 Resp: 468786

Ion Ratio Lower Upper

278 100

139 13.9 11.5 17.3

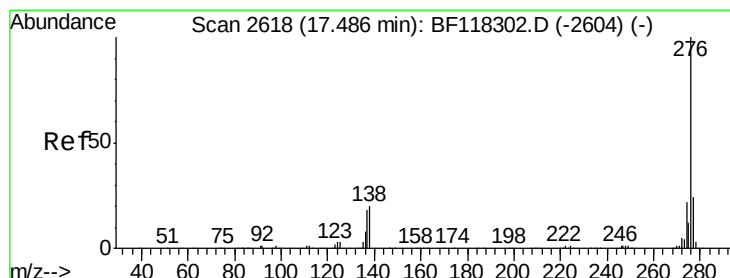
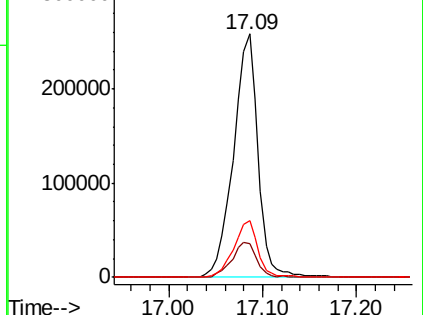
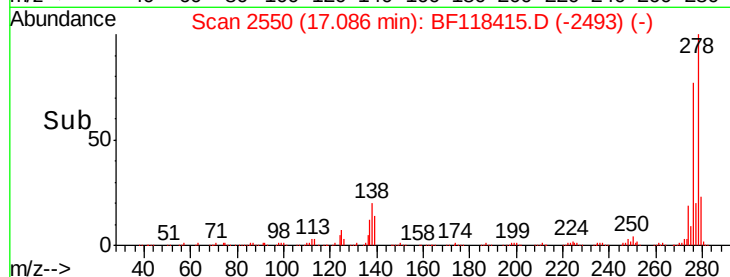
279 23.2 18.3 27.5



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: 39.987 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.05 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

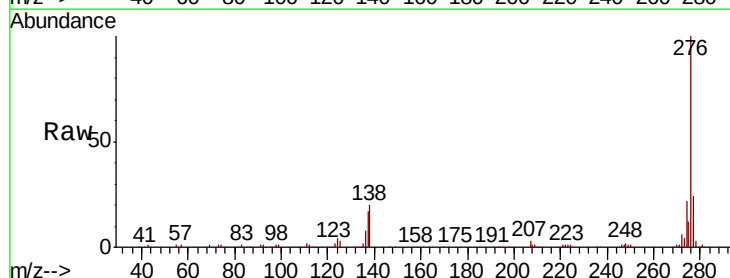
Tgt Ion:276 Resp: 439248

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 19.8 16.1 24.1



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

