

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117421.D
 Acq On : 16 Oct 2019 18:39
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 01:01:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	36435	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	155837	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	84329	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	145033	20.00	ng	0.00
76) Chrysene-d12	13.96	240	133075	20.00	ng	0.00
87) Perylene-d12	15.41	264	136572	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	186826	78.90	ng	0.00
7) Phenol-d6	6.43	99	257347	81.91	ng	0.00
23) Nitrobenzene-d5	7.36	82	250359	81.44	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	58334	84.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	460173	79.55	ng	0.00
79) Terphenyl-d14	12.90	244	557414	68.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	36913	37.865	ng	98
3) Pyridine	3.20	79	85105	34.304	ng	97
4) n-Nitrosodimethylamine	3.14	42	34958	39.986	ng	86
6) Aniline	6.46	93	159475	40.631	ng	# 86
8) 2-Chlorophenol	6.58	128	105321	40.005	ng	97
9) Benzaldehyde	6.35	77	70426	47.937	ng	95
10) Phenol	6.45	94	135787	40.032	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	102102	39.592	ng	98
12) 1,3-Dichlorobenzene	6.73	146	113644	38.600	ng	95
13) 1,4-Dichlorobenzene	6.80	146	121844	40.598	ng	93
14) 1,2-Dichlorobenzene	6.96	146	114719	40.469	ng	98
15) Benzyl Alcohol	6.94	79	97003	40.354	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	108873	40.206	ng	98
17) 2-Methylphenol	7.06	107	92161	41.932	ng	95
18) Hexachloroethane	7.30	117	46392	39.758	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	81703	40.784	ng	96
20) 3+4-Methylphenols	7.22	107	119487	42.222	ng	# 89
22) Acetophenone	7.20	105	165700	40.521	ng	95
24) Nitrobenzene	7.37	77	122836	39.888	ng	97
25) Isophorone	7.62	82	225678	41.209	ng	97
26) 2-Nitrophenol	7.70	139	56970	41.695	ng	98
27) 2,4-Dimethylphenol	7.73	122	84007	40.454	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	140543	41.397	ng	99
29) 2,4-Dichlorophenol	7.95	162	88416	41.264	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	95827	41.486	ng	99
31) Naphthalene	8.09	128	320381	41.167	ng	100
32) Benzoic acid	7.86	122	17796	17.991	ng	# 85
33) 4-Chloroaniline	8.15	127	138046	41.767	ng	99
34) Hexachlorobutadiene	8.21	225	52940	40.017	ng	99
35) Caprolactam	8.52	113	30809	45.915	ng	92
36) 4-Chloro-3-methylphenol	8.64	107	103350	42.389	ng	95
37) 2-Methylnaphthalene	8.79	142	219453	41.759	ng	96
38) 1-Methylnaphthalene	8.89	142	211215	42.657	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	91783	40.441	ng	98

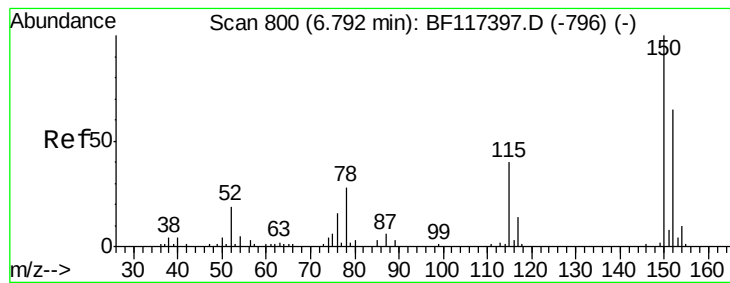
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117421.D
 Acq On : 16 Oct 2019 18:39
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 17 01:01:27 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	24374	57.511	ng	88
43) 2,4,6-Trichlorophenol	9.07	196	55308	38.507	ng	96
44) 2,4,5-Trichlorophenol	9.13	196	59322	40.491	ng	99
46) 1,1'-Biphenyl	9.25	154	281355	40.840	ng	98
47) 2-Chloronaphthalene	9.27	162	214296	39.903	ng	99
48) 2-Nitroaniline	9.38	65	72881	42.534	ng	94
49) Acenaphthylene	9.69	152	322809	41.003	ng	100
50) Dimethylphthalate	9.55	163	255614	42.206	ng	99
51) 2,6-Dinitrotoluene	9.62	165	53553	42.069	ng	92
52) Acenaphthene	9.86	154	193592	40.467	ng	98
53) 3-Nitroaniline	9.79	138	67369	43.338	ng	90
54) 2,4-Dinitrophenol	9.93	184	11324	24.270	ng	95
55) Dibenzofuran	10.03	168	289628	41.503	ng	97
56) 4-Nitrophenol	9.97	139	31684	47.454	ng	93
57) 2,4-Dinitrotoluene	10.03	165	75232	44.789	ng	96
58) Fluorene	10.37	166	245166	42.193	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	46296	40.876	ng	97
60) Diethylphthalate	10.25	149	262894	43.064	ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	108056	42.003	ng	91
62) 4-Nitroaniline	10.41	138	69628	47.120	ng	95
63) Azobenzene	10.52	77	262891	41.969	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	26220	35.387	ng	94
66) n-Nitrosodiphenylamine	10.49	169	210742	38.897	ng	98
67) 4-Bromophenyl-phenylether	10.85	248	61945	38.940	ng	# 91
68) Hexachlorobenzene	10.93	284	66821	39.113	ng	# 90
69) Atrazine	11.01	200	44973	51.190	ng	98
70) Pentachlorophenol	11.14	266	22916	44.837	ng	93
71) Phenanthrene	11.34	178	355306	41.442	ng	99
72) Anthracene	11.39	178	366499	41.410	ng	99
73) Carbazole	11.55	167	355238	44.186	ng	99
74) Di-n-butylphthalate	11.87	149	469806	43.155	ng	99
75) Fluoranthene	12.53	202	385912	45.268	ng	98
77) Benzidine	12.65	184	136639	41.516	ng	97
78) Pyrene	12.76	202	400026	34.007	ng	100
80) Butylbenzylphthalate	13.37	149	216272	36.563	ng	95
81) Benzo(a)anthracene	13.95	228	363061	39.762	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	121703	42.157	ng	99
83) Chrysene	13.99	228	356678	39.611	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	318437	38.182	ng	# 96
85) Di-n-octyl phthalate	14.53	149	552567	43.519	ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	312221	49.589	ng	98
88) Benzo(b)fluoranthene	15.00	252	338782	39.846	ng	99
89) Benzo(k)fluoranthene	15.03	252	324035	38.350	ng	98
90) Benzo(a)pyrene	15.36	252	302604	40.192	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	269794	41.819	ng	98
92) Benzo(g,h,i)perylene	17.30	276	239752	39.041	ng	94

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

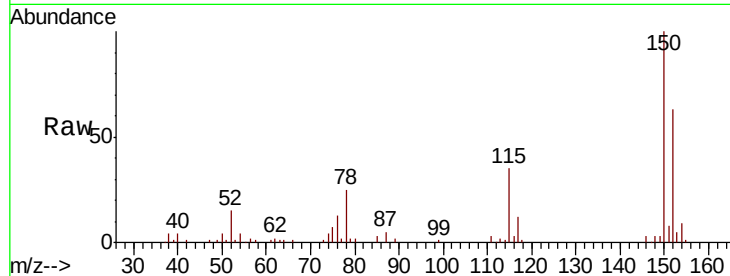


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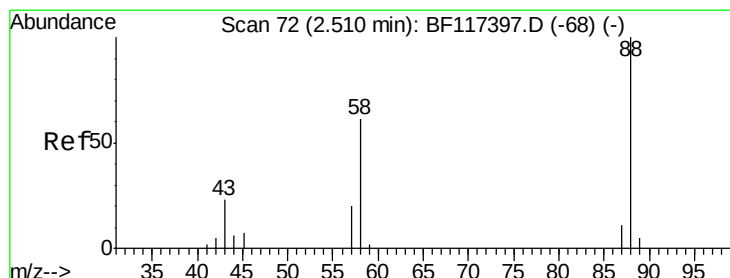
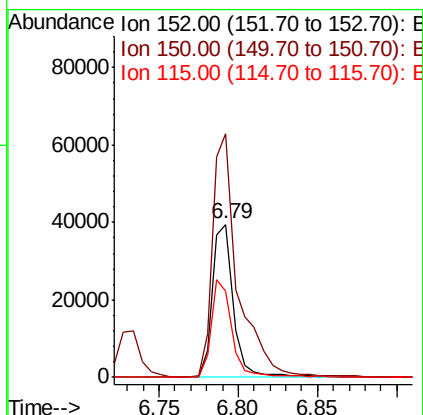
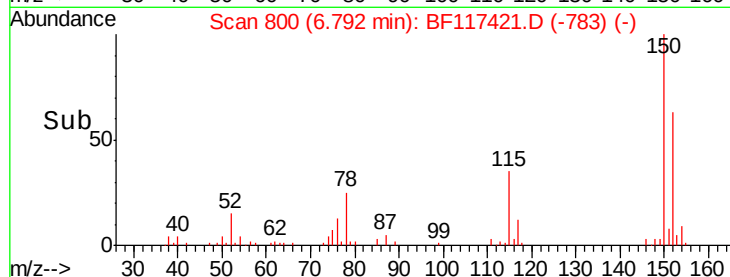
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 36435
 Ion Ratio Lower Upper
 152 100
 150 159.4 122.7 184.1
 115 56.1 48.6 73.0



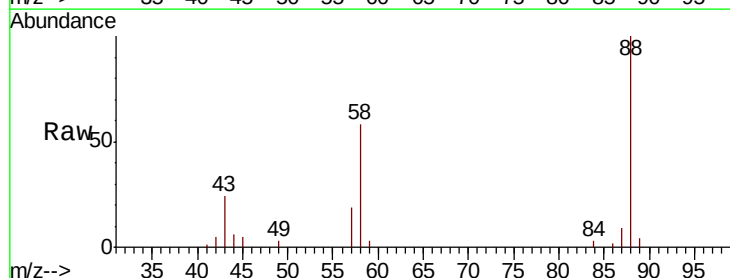
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



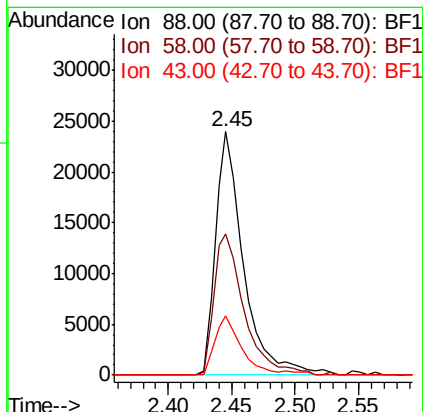
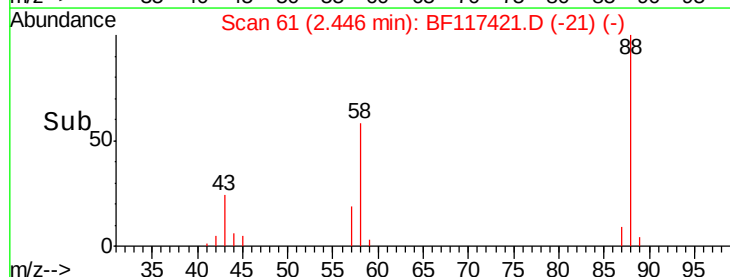
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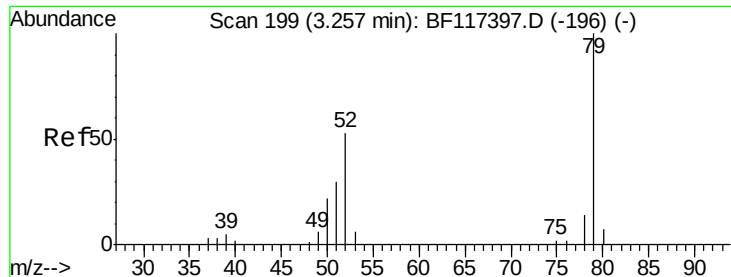
1,4-Dioxane
 Concen: 37.865 ng
 RT: 2.45 min Scan# 61
 Delta R.T. -0.06 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion: 88 Resp: 36913
 Ion Ratio Lower Upper
 88 100
 58 62.5 49.4 74.2
 43 24.2 18.1 27.1



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

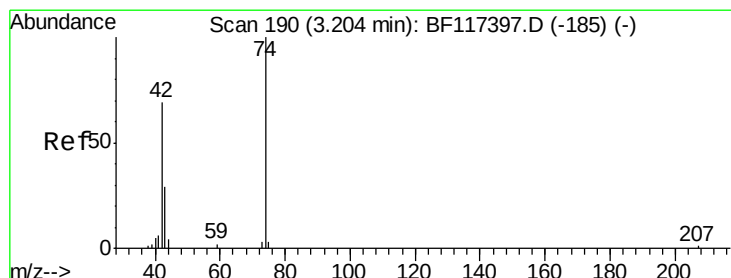
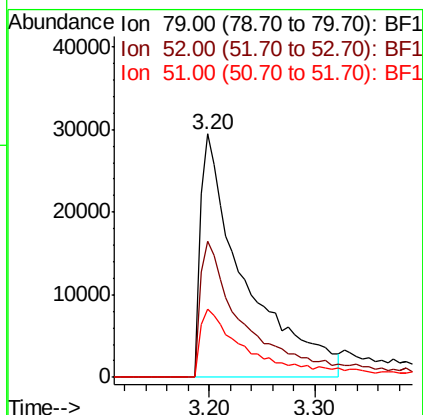
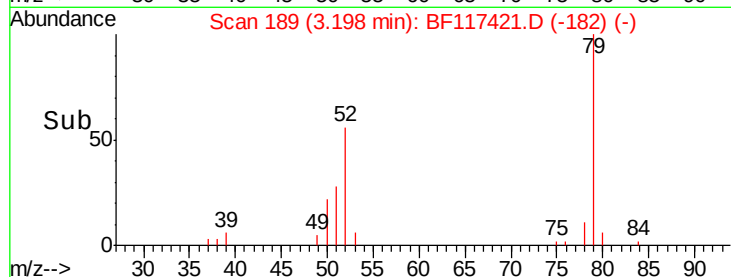
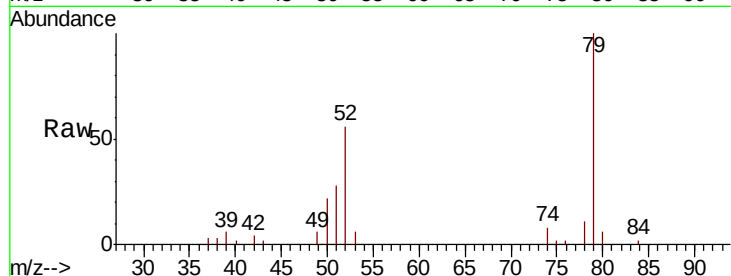




#3
 Pvridine
 Concen: 34.304 ng
 RT: 3.20 min Scan# 189
 Delta R.T. -0.06 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

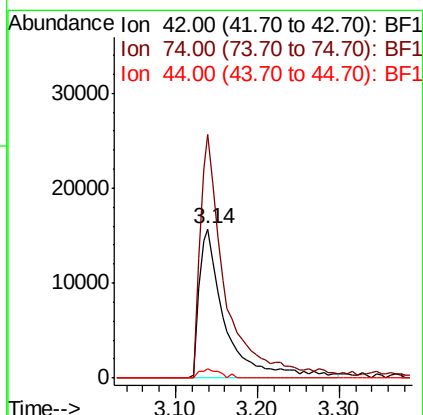
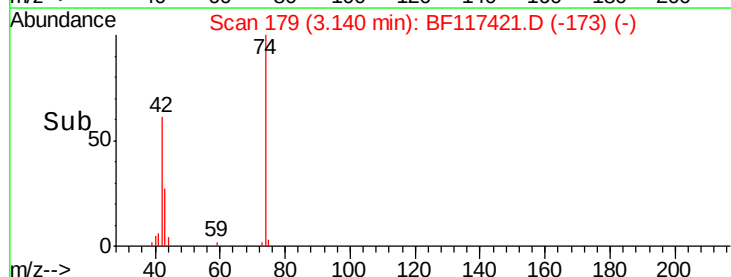
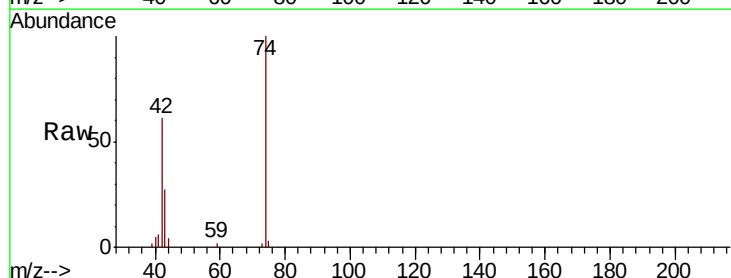
Instrument :
 BNA_F
 ClientSampled :

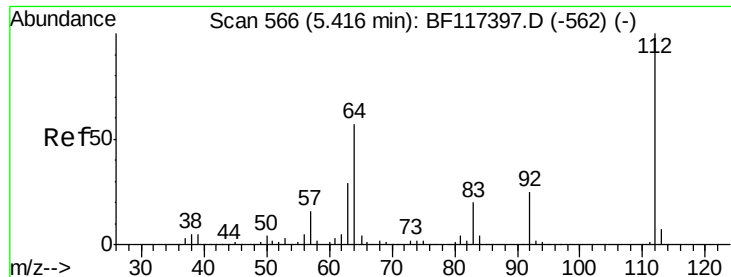
Tot Ion: 79 Resp: 85105
 Ion Ratio Lower Upper
 79 100
 52 55.7 42.7 64.1
 51 28.1 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 39.986 ng
 RT: 3.14 min Scan# 179
 Delta R.T. -0.06 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion: 42 Resp: 34958
 Ion Ratio Lower Upper
 42 100
 74 163.1 116.2 174.4
 44 5.9 4.2 6.4





#5

2-Fluorophenol

Concen: 78.896 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampled :

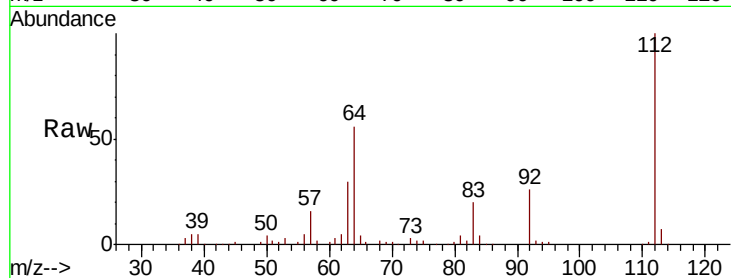
Tot Ion: 112 Resp: 186826

Ion Ratio Lower Upper

112 100

64 56.1 45.2 67.8

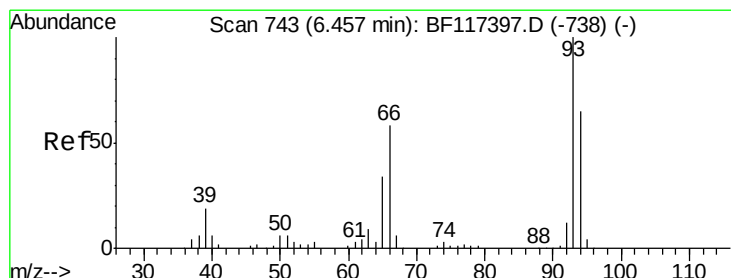
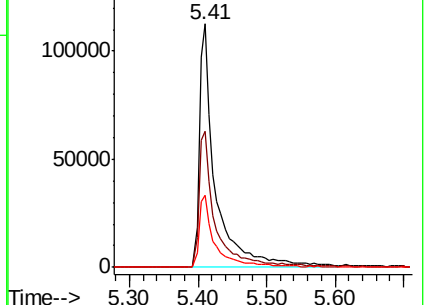
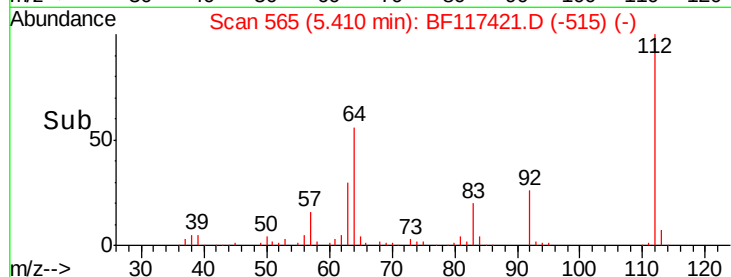
63 29.7 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.631 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

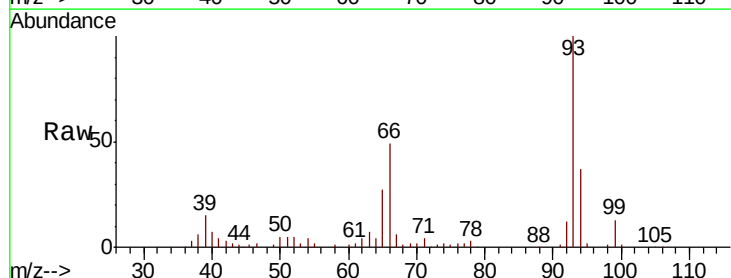
Tgt Ion: 93 Resp: 159475

Ion Ratio Lower Upper

93 100

66 49.3 48.4 72.6

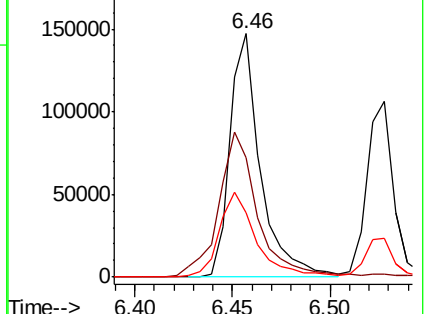
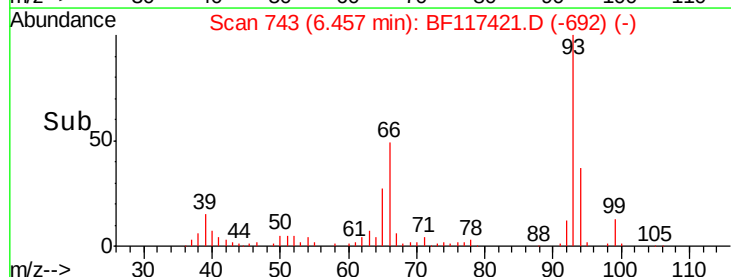
65 26.6 27.8 41.6#

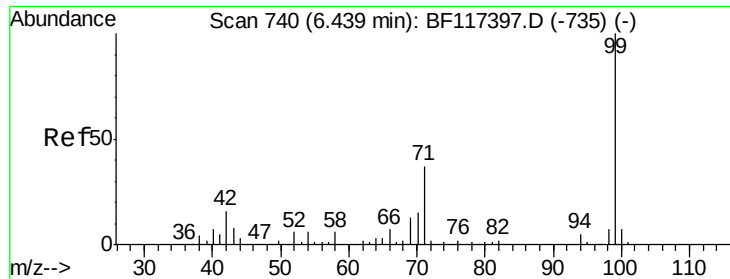


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.908 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

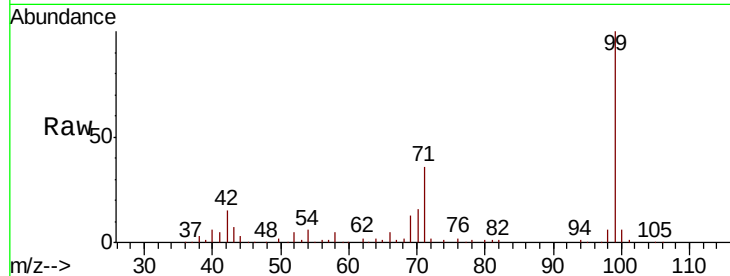
Tot Ion: 99 Resp: 257347

Ion Ratio Lower Upper

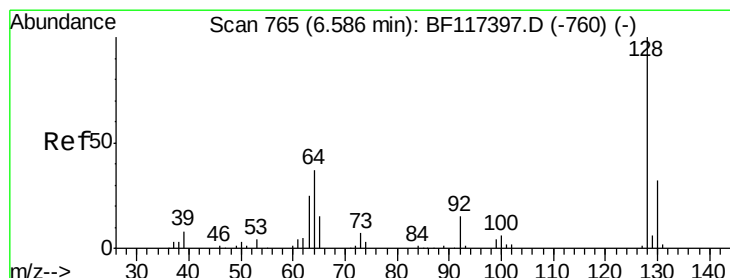
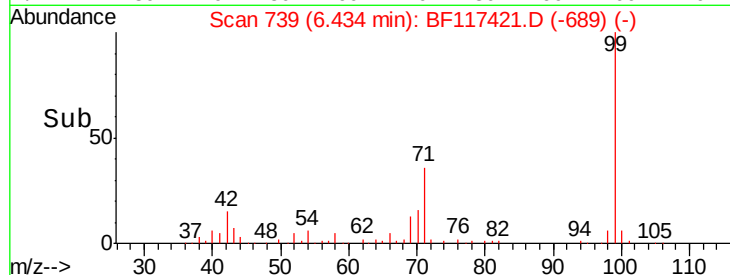
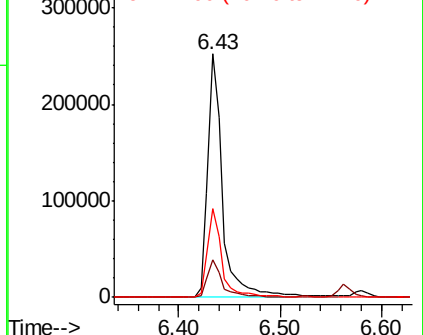
99 100

42 15.3 12.5 18.7

71 36.2 29.2 43.8



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: 40.005 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

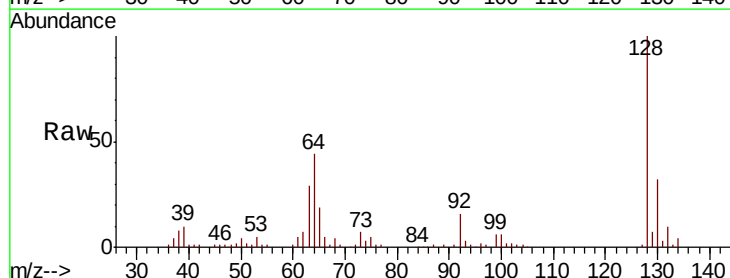
Tgt Ion: 128 Resp: 105321

Ion Ratio Lower Upper

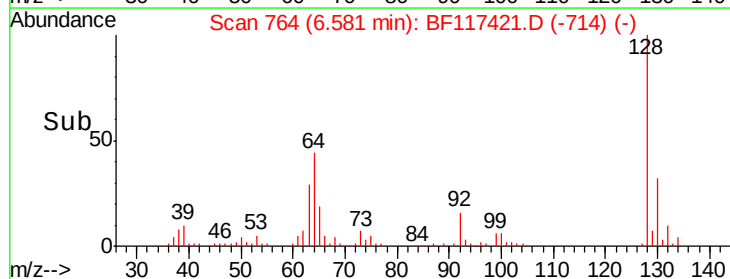
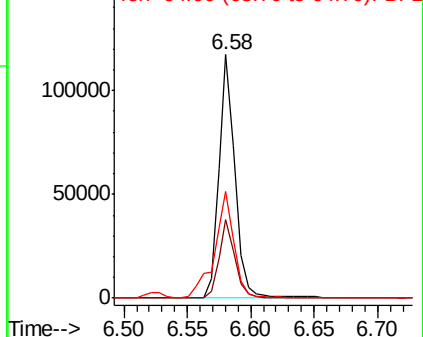
128 100

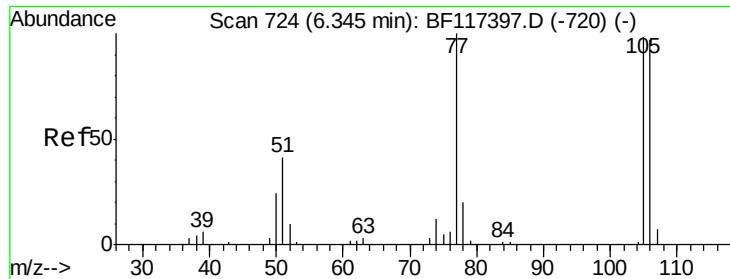
130 32.3 11.7 51.7

64 43.7 20.4 60.4



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

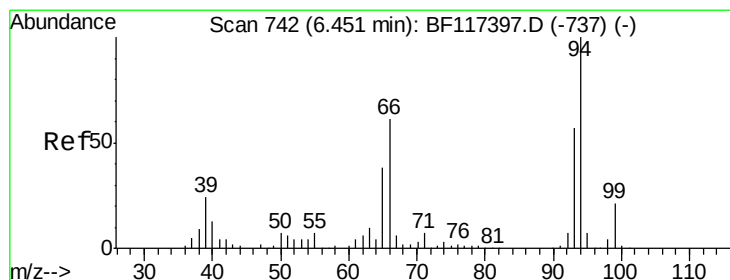
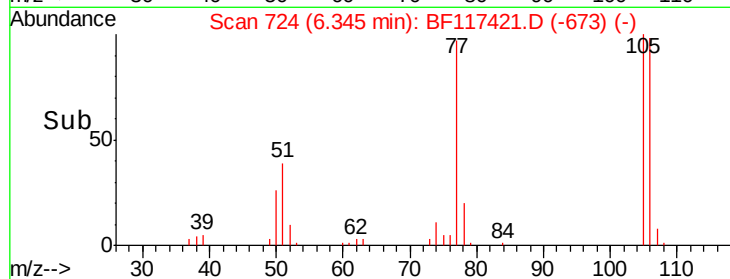
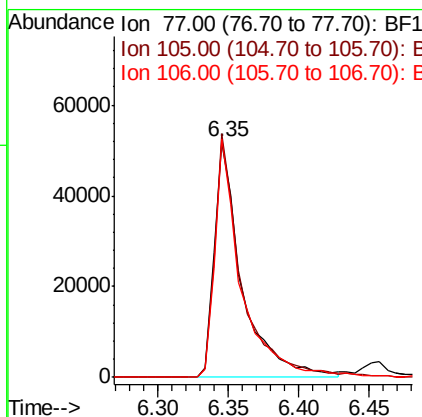
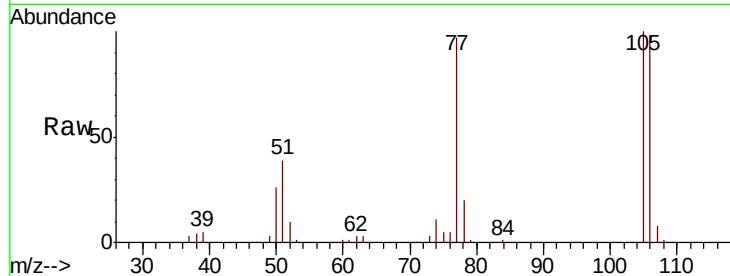




#9
Benzaldehyde
Concen: 47.937 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

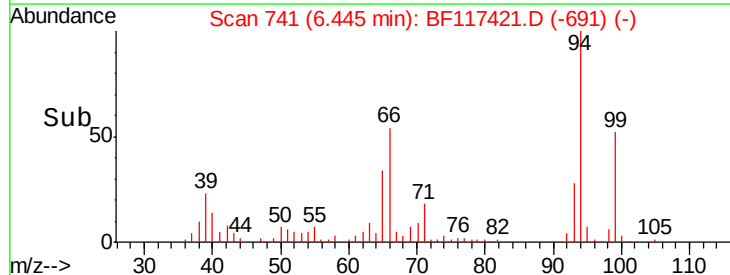
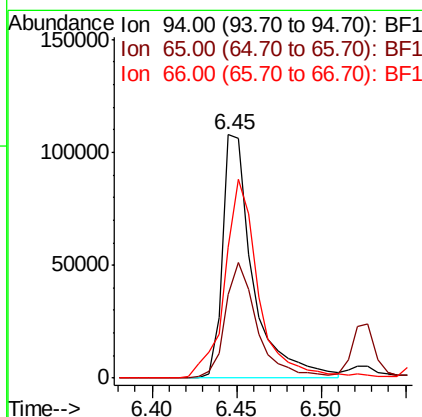
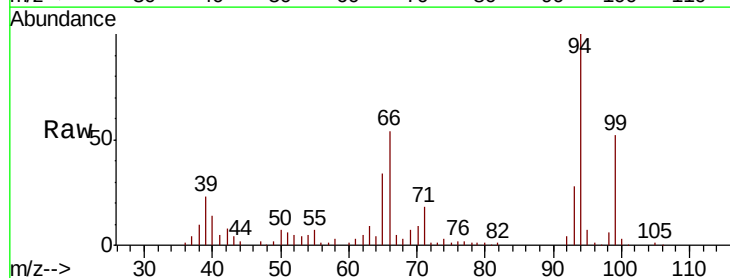
Instrument :
BNA_F
ClientSampleId :

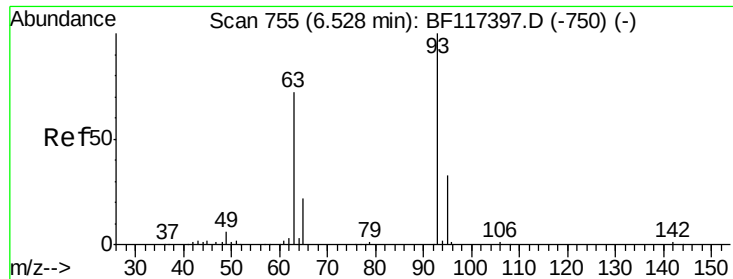
Tot Ion: 77 Resp: 70426
Ion Ratio Lower Upper
77 100
105 103.6 77.9 117.9
106 101.6 77.2 117.2



#10
Phenol
Concen: 40.032 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion: 94 Resp: 135787
Ion Ratio Lower Upper
94 100
65 34.2 18.2 58.2
66 53.7 41.1 81.1

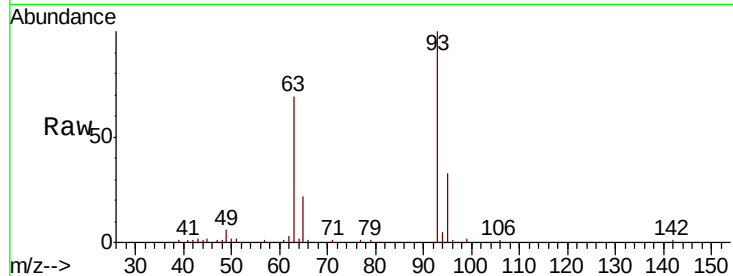




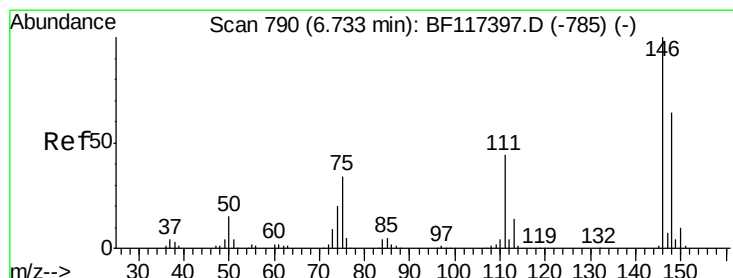
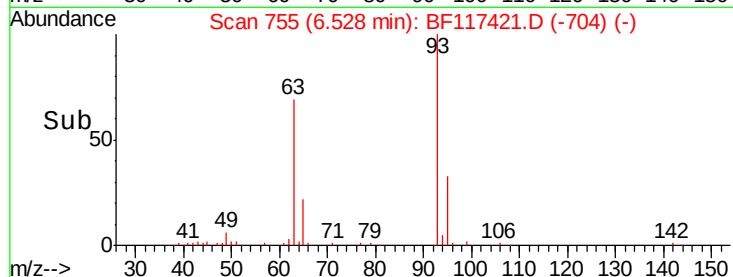
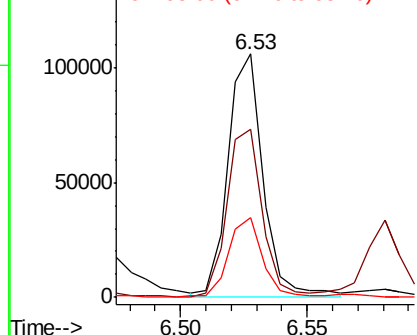
#11
bis(2-Chloroethyl)ether
Concen: 39.592 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.9	50.9	90.9
95	32.6	12.4	52.4

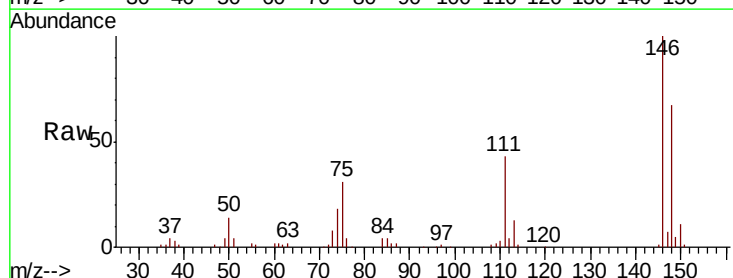


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

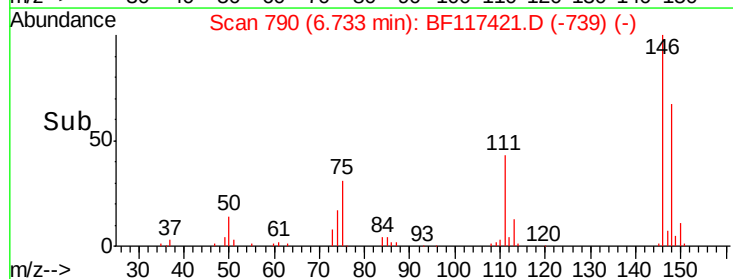
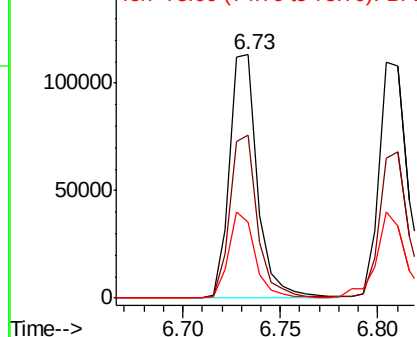


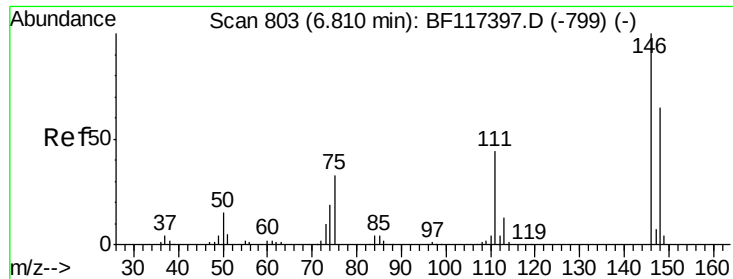
#12
1,3-Dichlorobenzene
Concen: 38.600 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.0	76.6
75	31.0	27.4	41.2



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

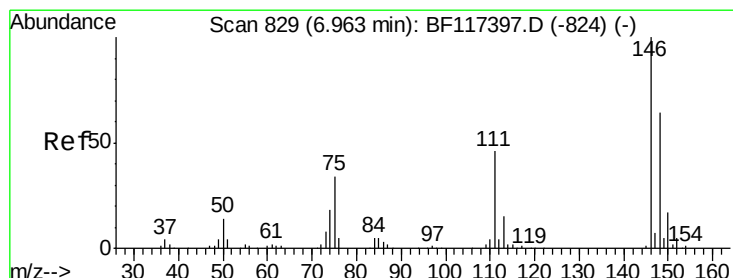
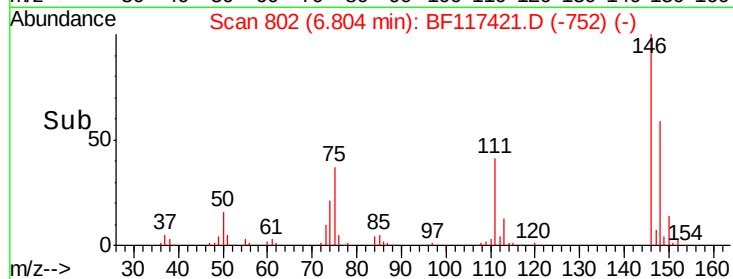
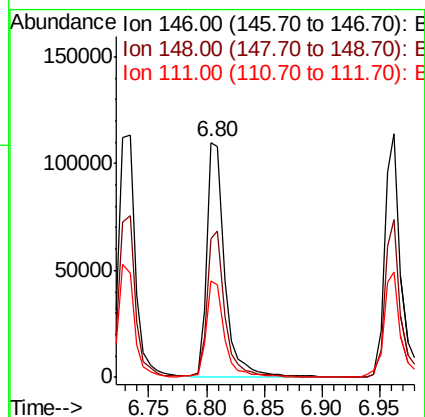
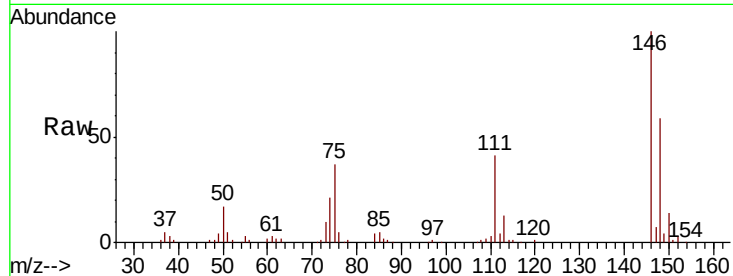




#13
 1,4-Dichlorobenzene
 Concen: 40.598 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

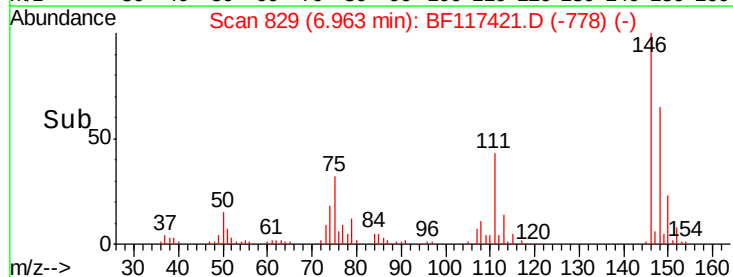
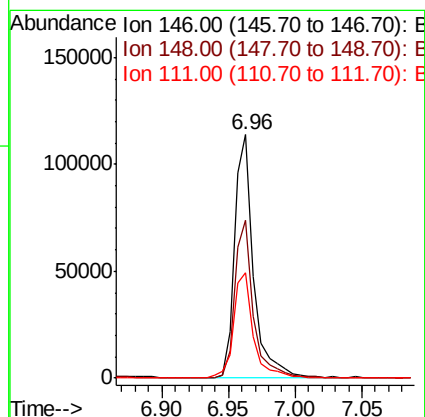
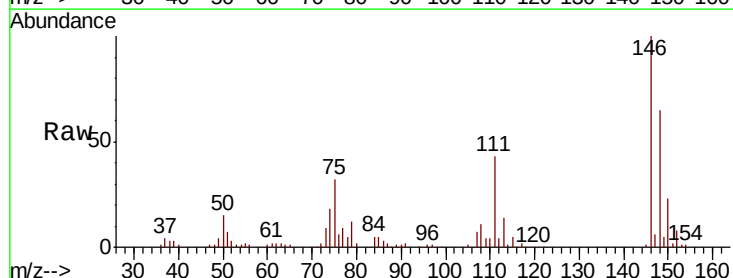
Instrument :
 BNA_F
 ClientSampleId :

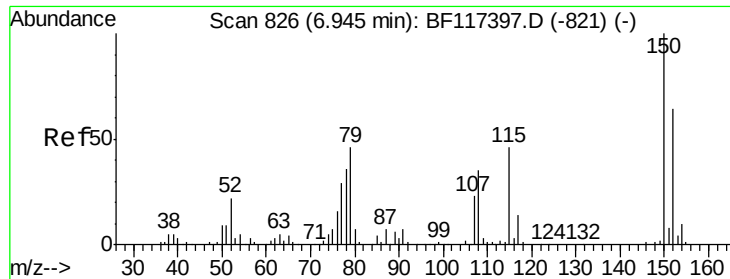
Tot Ion:146 Resp: 121844
 Ion Ratio Lower Upper
 146 100
 148 59.3 52.2 78.2
 111 40.9 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 40.469 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion:146 Resp: 114719
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 111 43.3 36.5 54.7

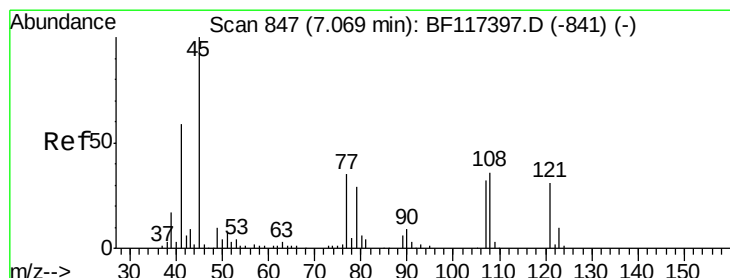
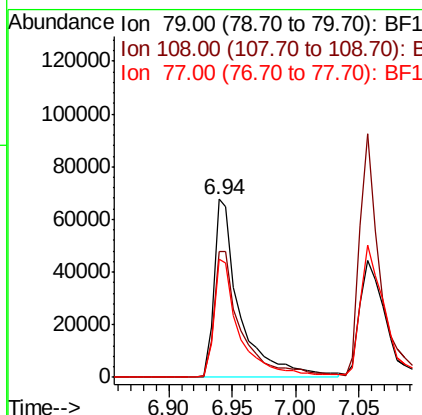
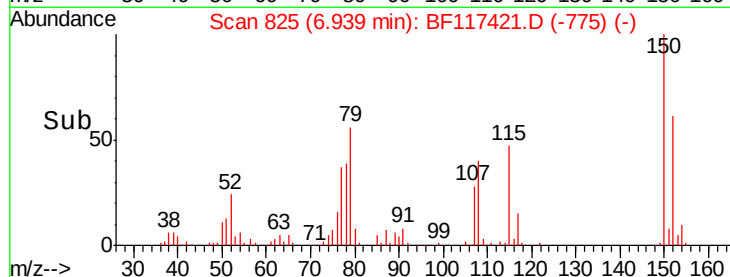
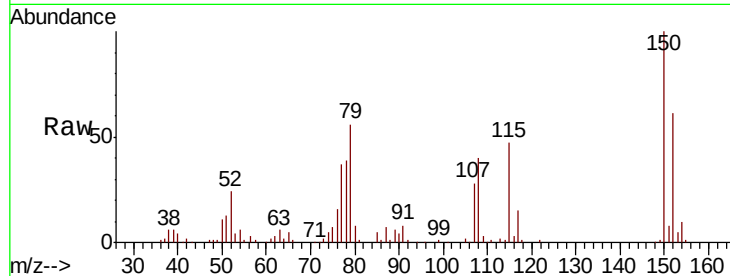




#15
Benzyl Alcohol
Concen: 40.354 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

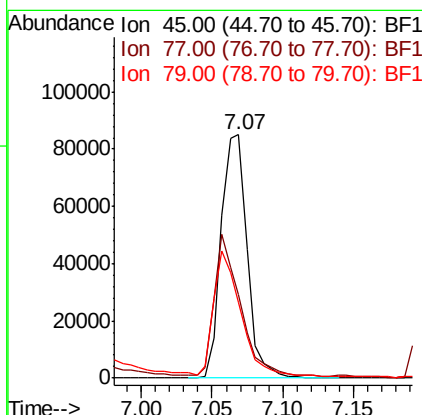
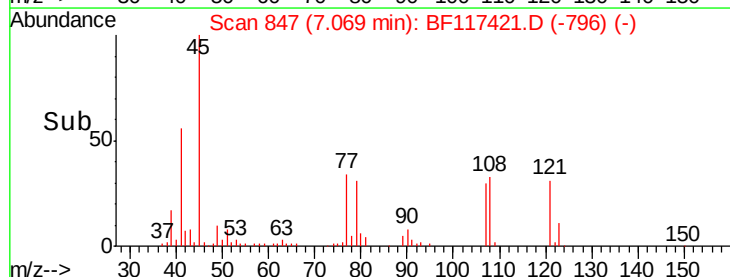
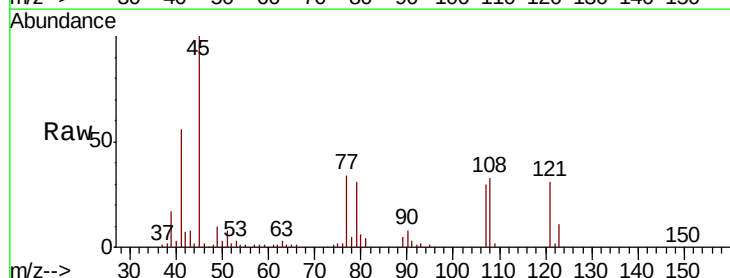
Instrument :
BNA_F
ClientSampled :

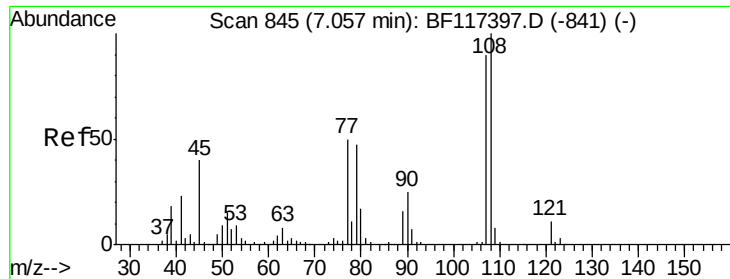
Tot Ion: 79 Resp: 97003
Ion Ratio Lower Upper
79 100
108 70.6 60.4 90.6
77 66.3 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.206 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion: 45 Resp: 108873
Ion Ratio Lower Upper
45 100
77 34.3 15.9 55.9
79 31.4 10.7 50.7





#17

2-Methylphenol

Concen: 41.932 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 92161

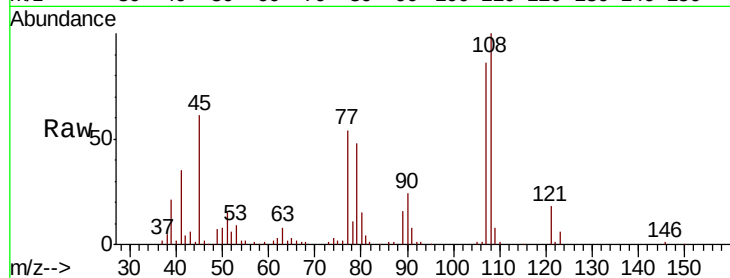
Ion Ratio Lower Upper

107 100

108 115.8 89.4 134.2

77 62.8 45.1 67.7

79 55.7 42.3 63.5

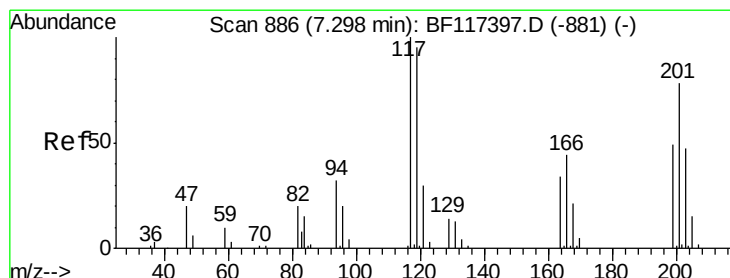
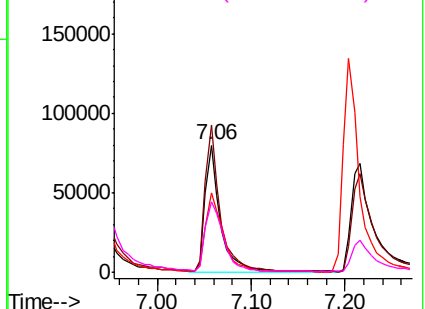
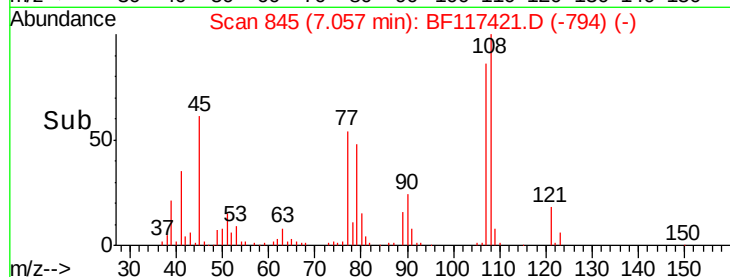


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.758 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

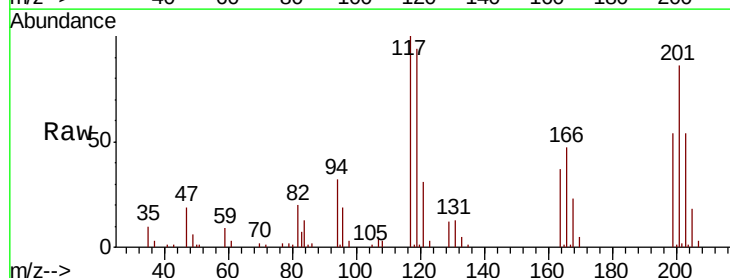
Tgt Ion:117 Resp: 46392

Ion Ratio Lower Upper

117 100

119 94.2 75.7 113.5

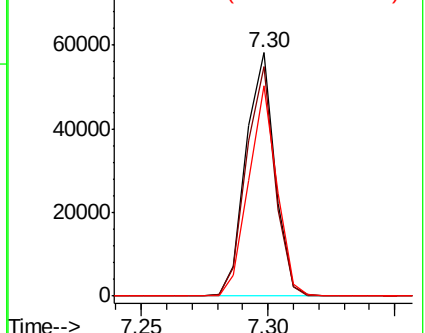
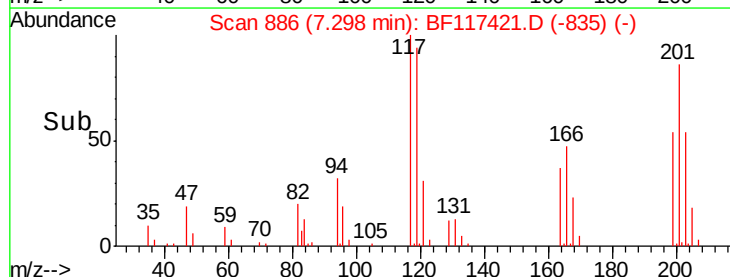
201 86.4 62.2 93.4

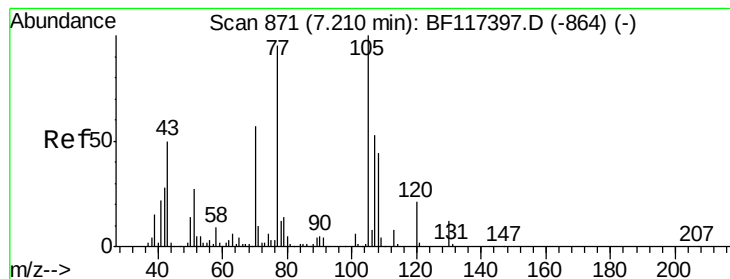


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.784 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 81703

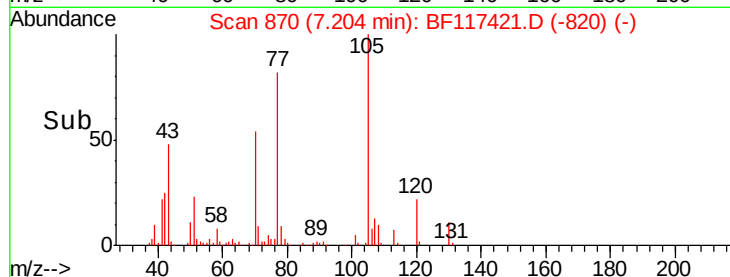
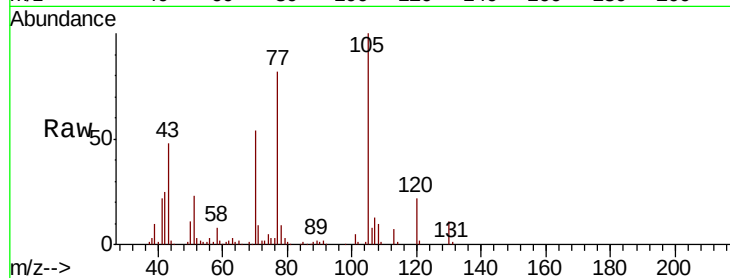
Ion Ratio Lower Upper

70 100

42 46.7 39.8 59.8

101 9.2 8.1 12.1

130 19.6 16.4 24.6

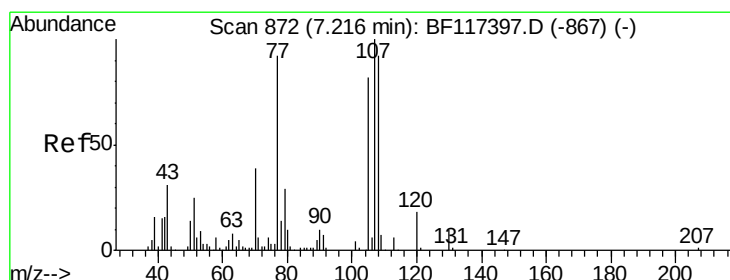
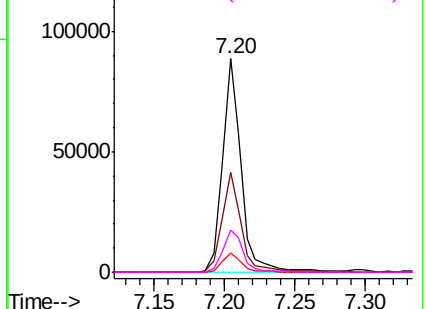


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.222 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Tgt Ion:107 Resp: 119487

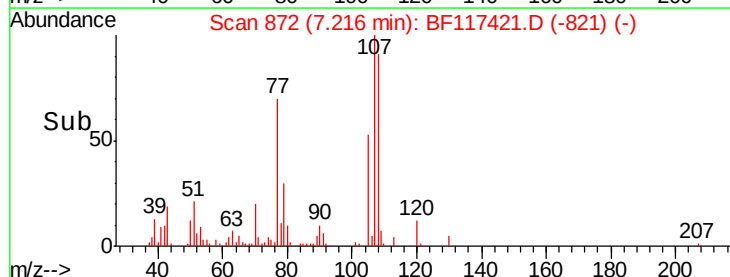
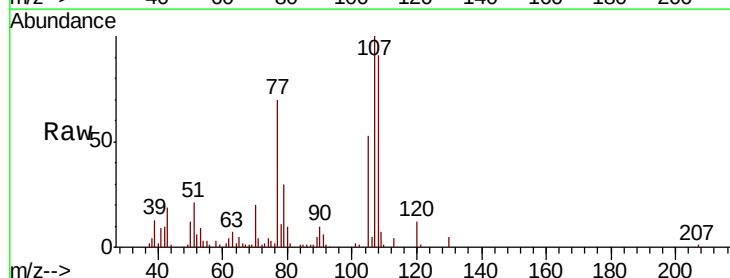
Ion Ratio Lower Upper

107 100

108 90.6 71.8 111.8

77 69.5 72.7 112.7#

79 30.0 9.5 49.5

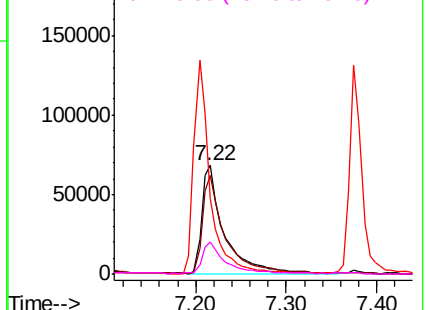


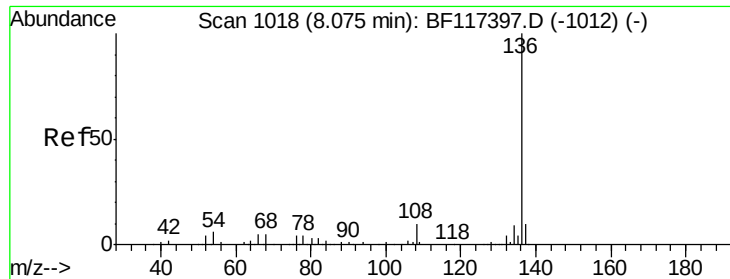
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

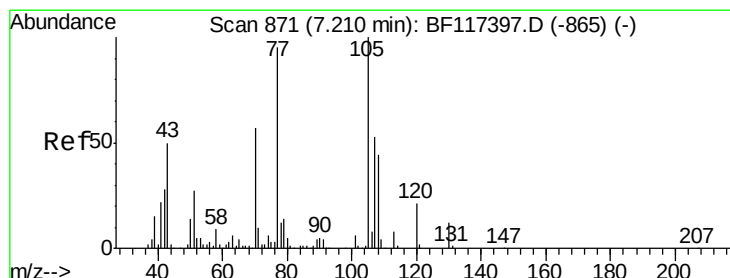
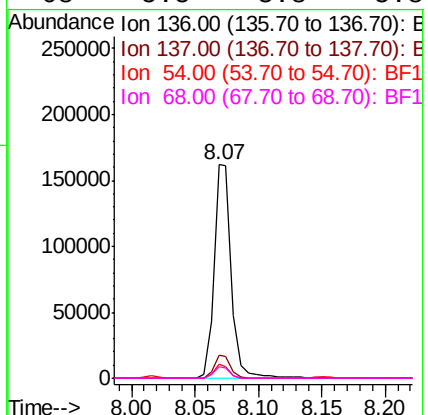
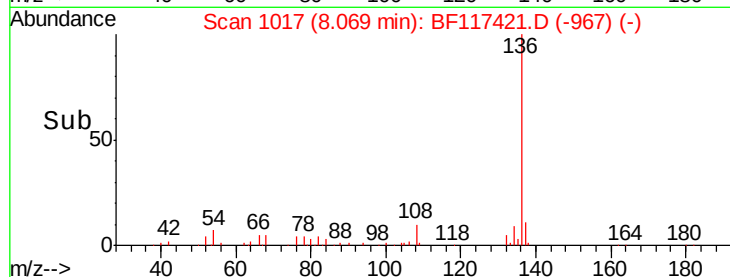
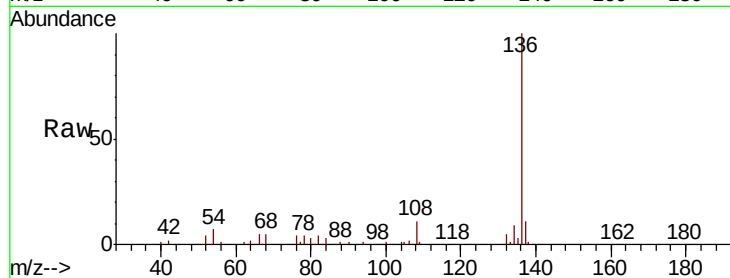




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

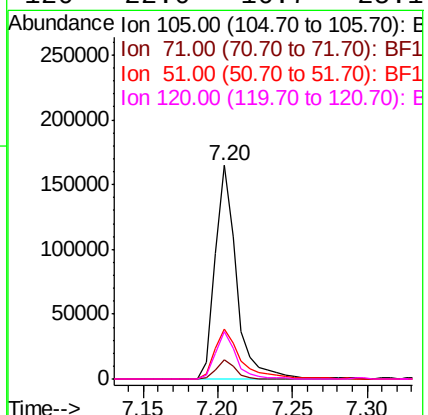
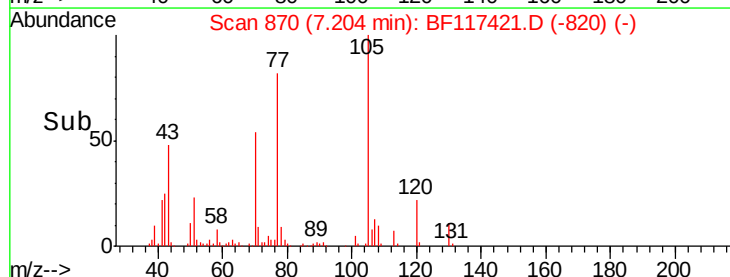
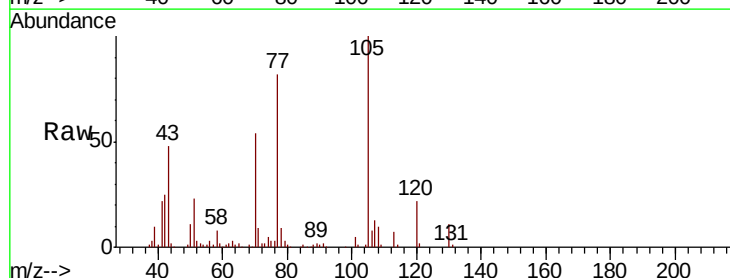
Instrument :
BNA_F
ClientSampled :

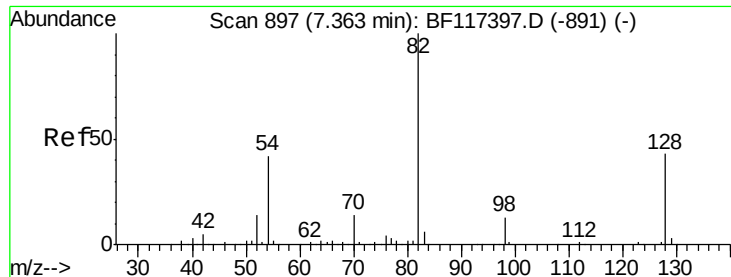
Tot Ion:136	Resp:	155837
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.4	12.6
54 6.6	4.6	6.8
68 5.5	3.8	5.8



#22
Acetophenone
Concen: 40.521 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt	Ion:105	Resp:	165700
Ion	Ratio	Lower	Upper
105	100		
71	8.8	7.8	11.6
51	23.3	21.5	32.3
120	22.0	16.7	25.1

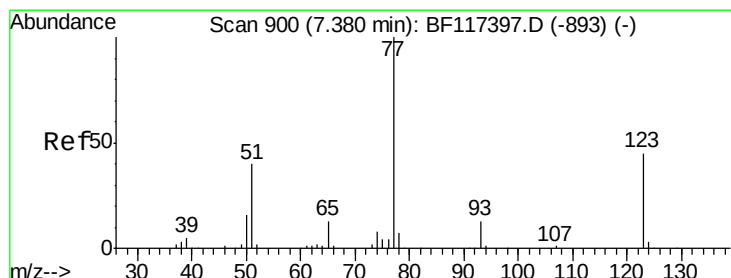
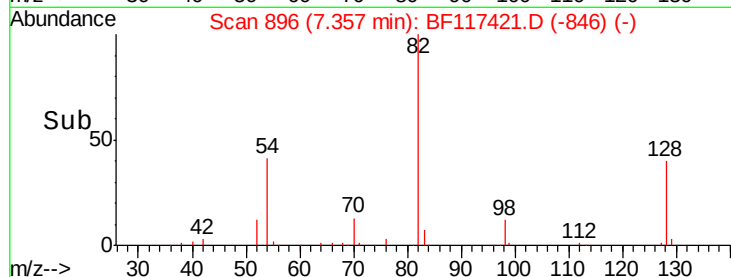
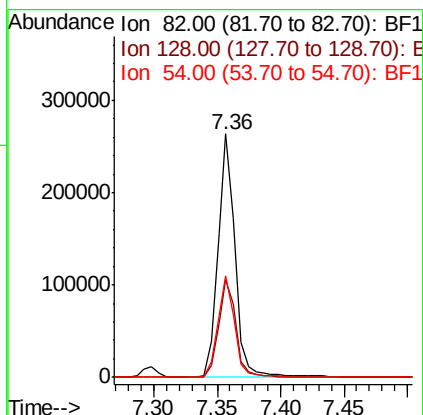
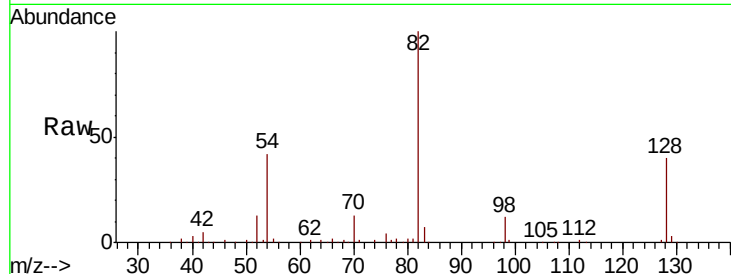




#23
Nitrobenzene-d5
Concen: 81.436 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

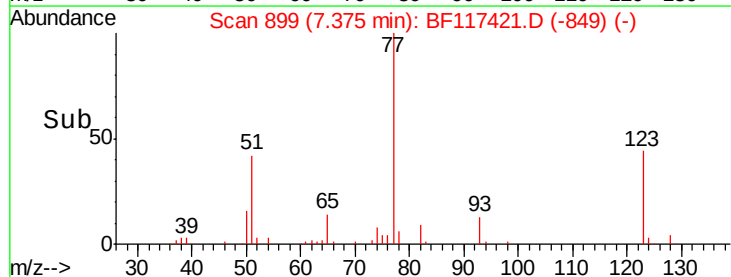
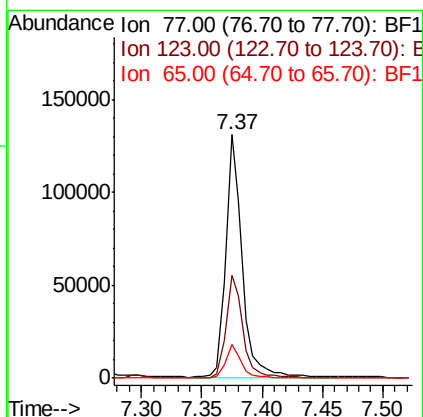
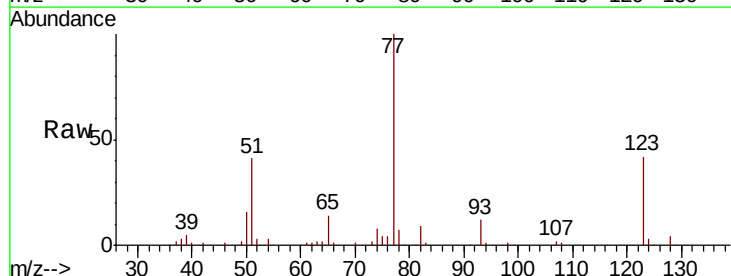
Instrument :
BNA_F
ClientSampleId :

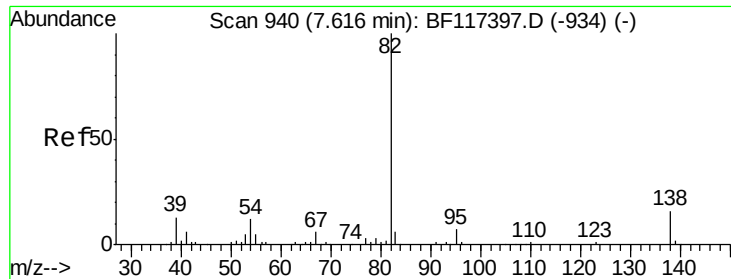
Tot Ion	82	Resp	250359
Ion Ratio	100	Lower	Upper
128	40.2	34.1	51.1
54	41.9	33.3	49.9



#24
Nitrobenzene
Concen: 39.888 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	77	Resp	122836
Ion Ratio	100	Lower	Upper
123	42.4	35.8	53.8
65	13.7	10.1	15.1





#25

Isophorone

Concen: 41.209 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampled :

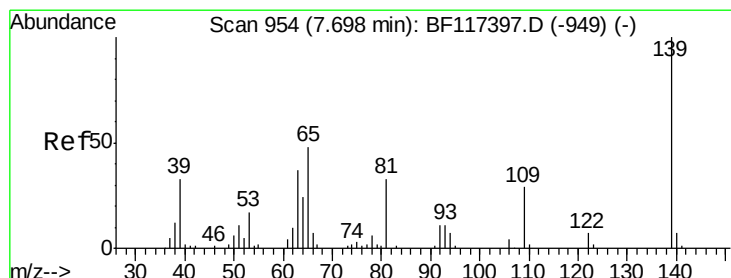
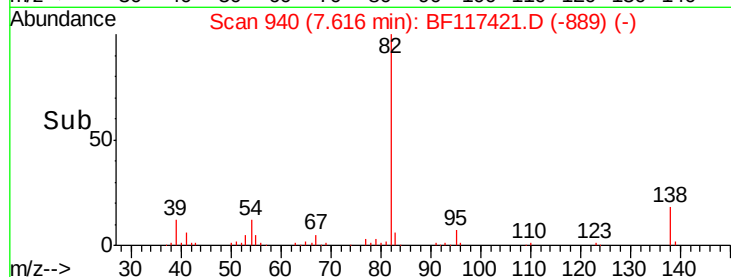
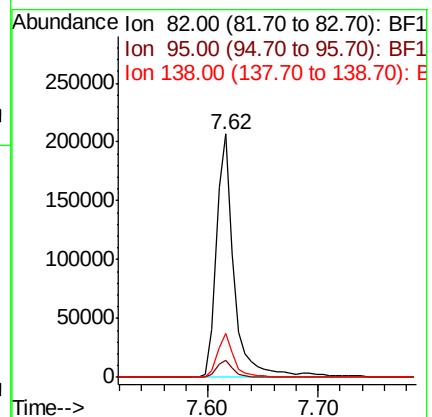
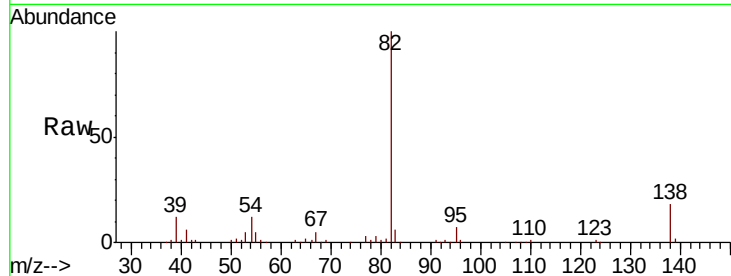
Tot Ion: 82 Resp: 225678

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.0

138 17.9 13.0 19.4



#26

2-Nitrophenol

Concen: 41.695 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

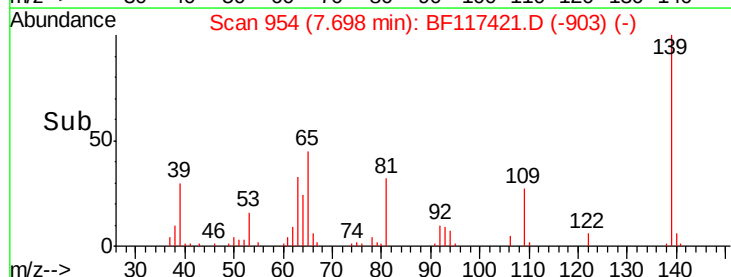
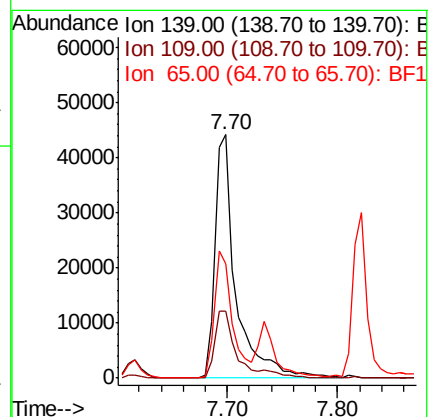
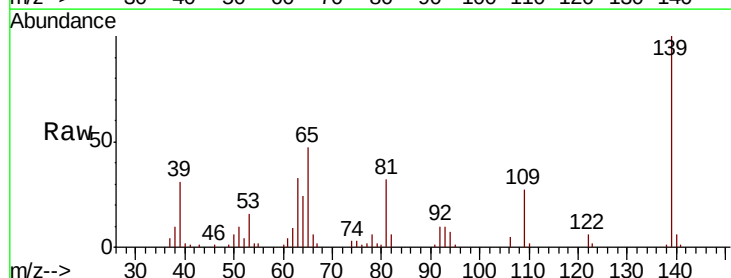
Tgt Ion: 139 Resp: 56970

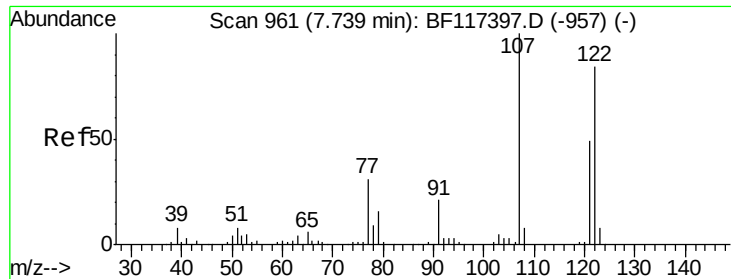
Ion Ratio Lower Upper

139 100

109 27.4 23.1 34.7

65 46.7 38.2 57.4

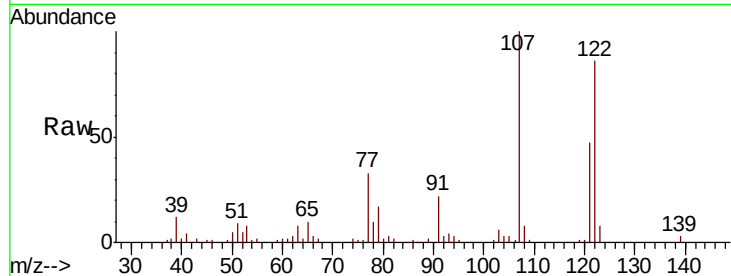




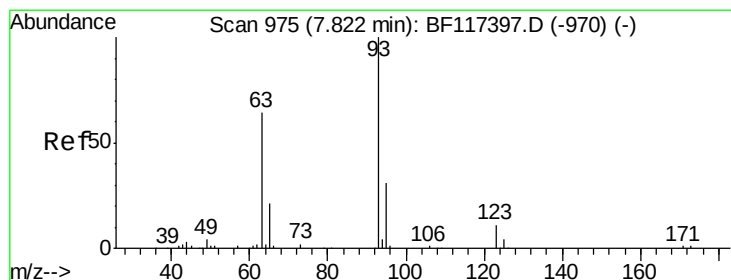
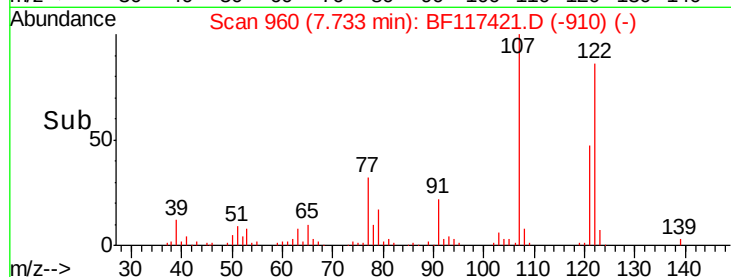
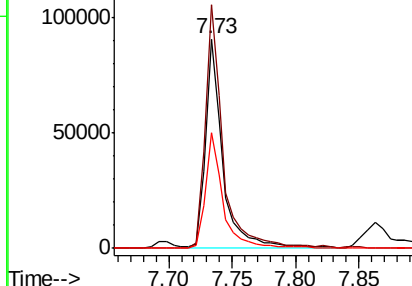
#27
2,4-Dimethylphenol
Concen: 40.454 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	95.0	142.6
121	54.9	46.6	69.8

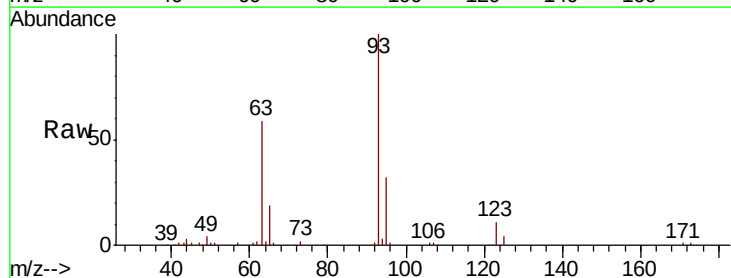


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

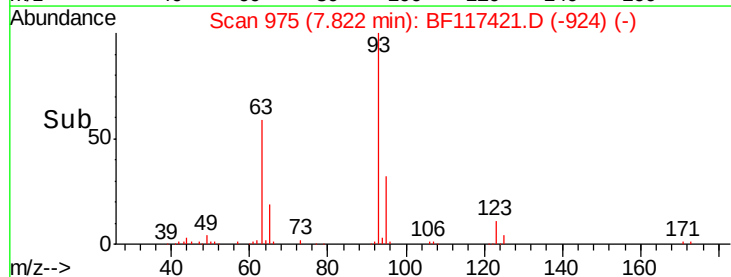
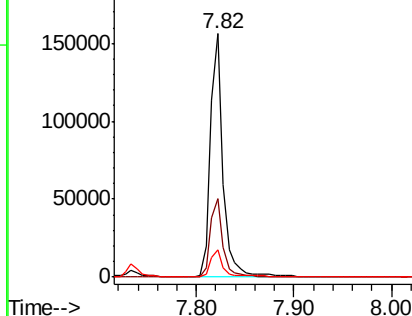


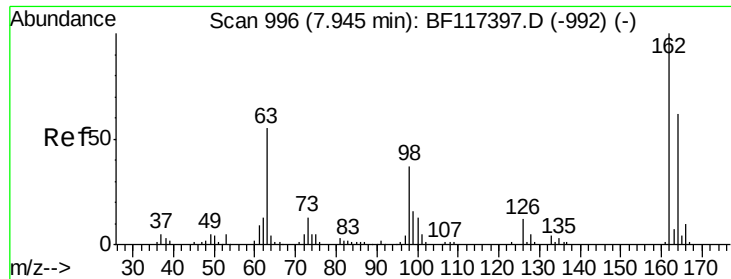
#28
bis(2-Chloroethoxy)methane
Concen: 41.397 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.1	37.7
123	11.0	8.6	12.8



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

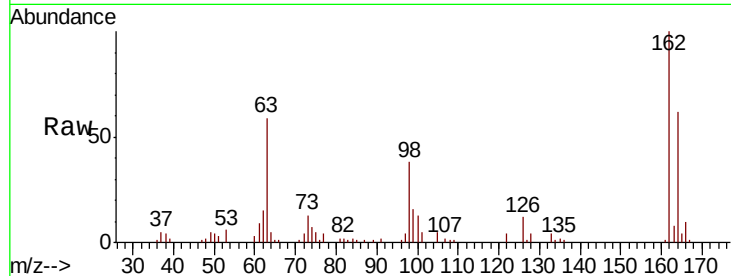




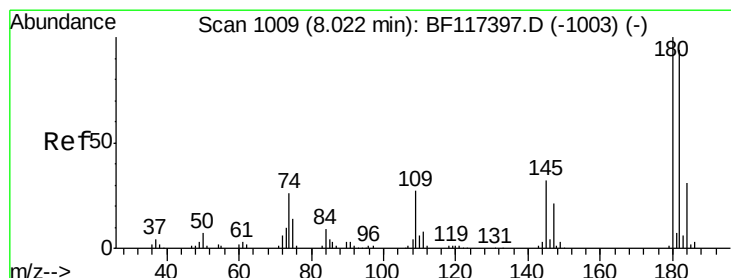
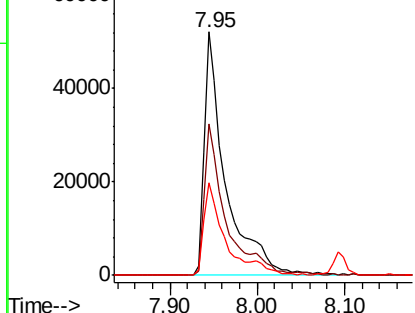
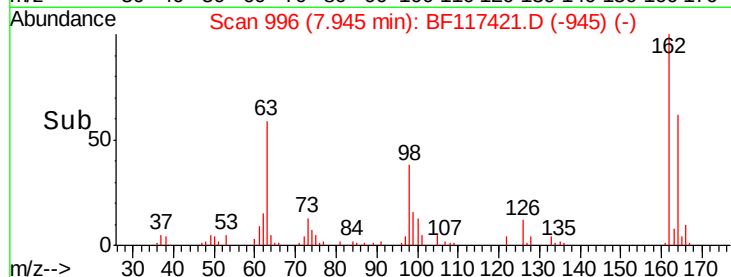
#29
2,4-Dichlorophenol
Concen: 41.264 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.2	82.2
98	38.2	17.4	57.4

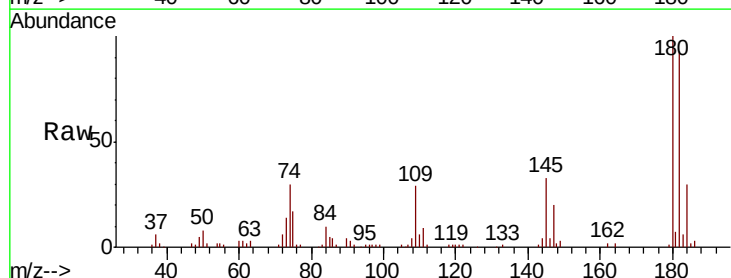


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

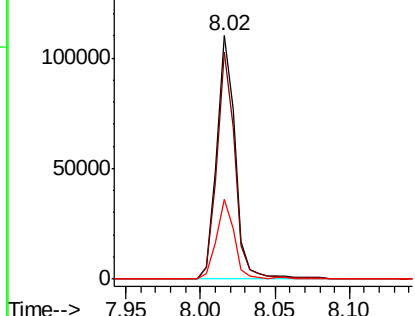
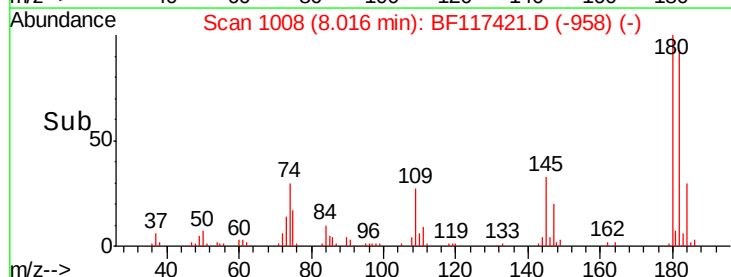


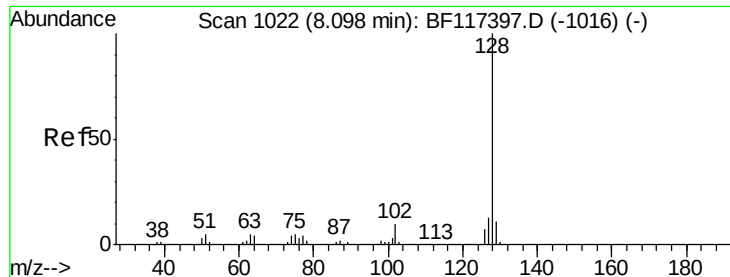
#30
1,2,4-Trichlorobenzene
Concen: 41.486 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.4	113.2
145	32.5	25.5	38.3



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

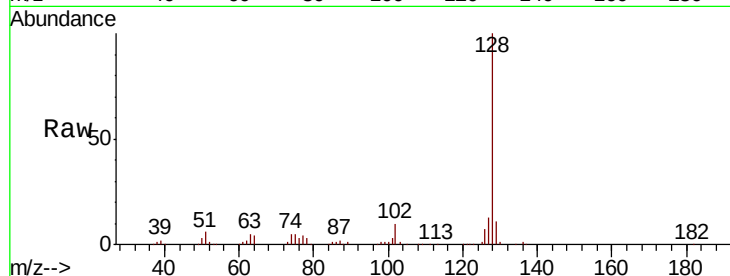




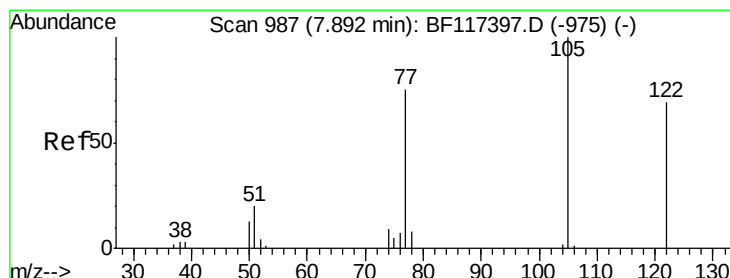
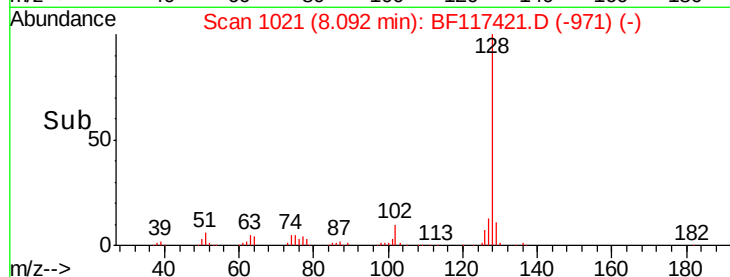
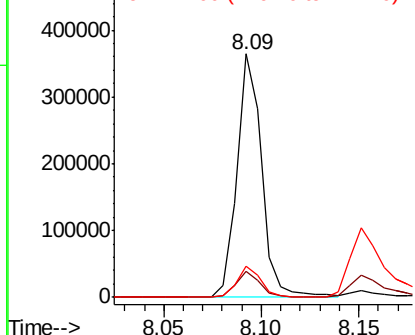
#31
Naphthalene
Concen: 41.167 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 320381
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.7 10.4 15.6

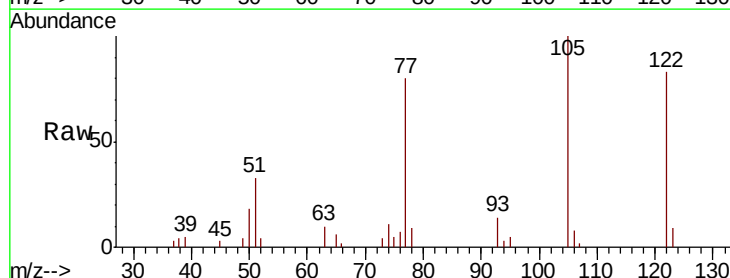


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

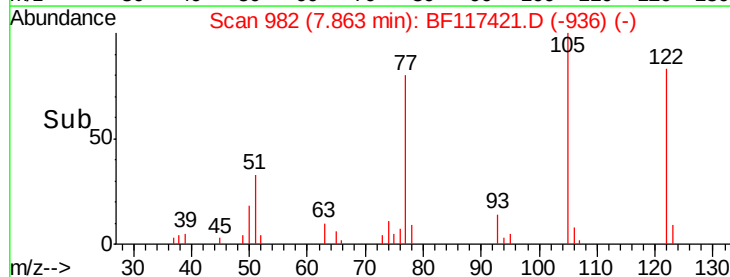
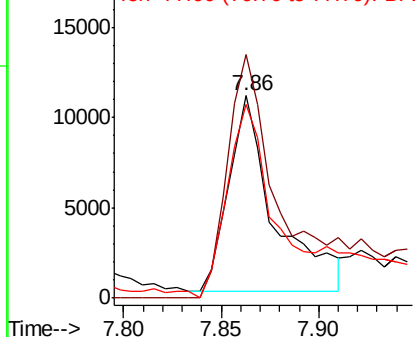


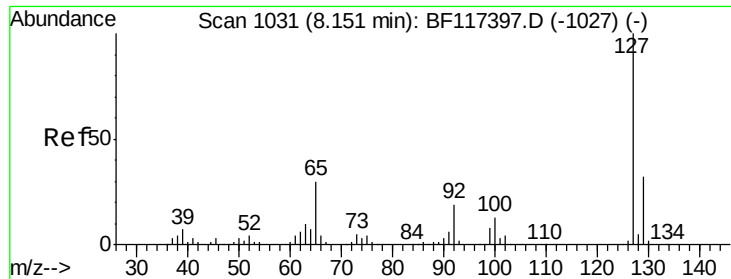
#32
Benzoic acid
Concen: 17.991 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:122 Resp: 17796
Ion Ratio Lower Upper
122 100
105 120.3 121.5 161.5#
77 95.7 88.3 128.3



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

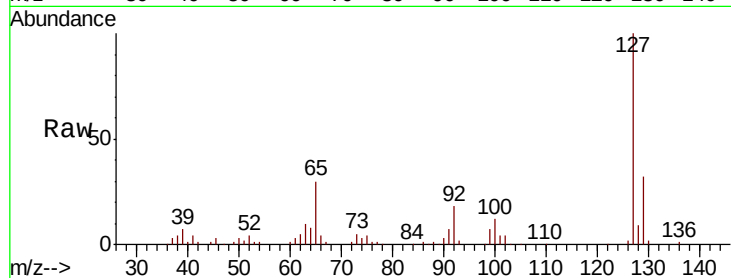




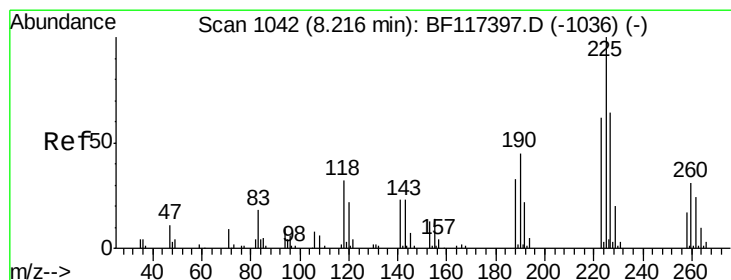
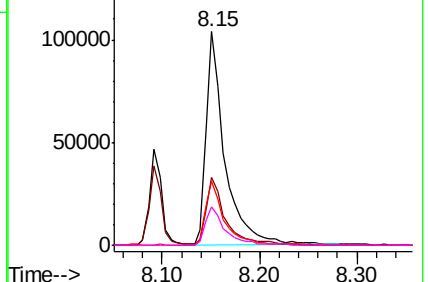
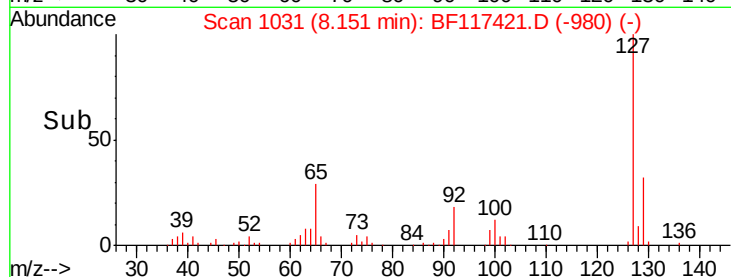
#33
4-Chloroaniline
Concen: 41.767 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	138046
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.0
65	29.9	23.8	35.8
92	18.2	15.3	22.9

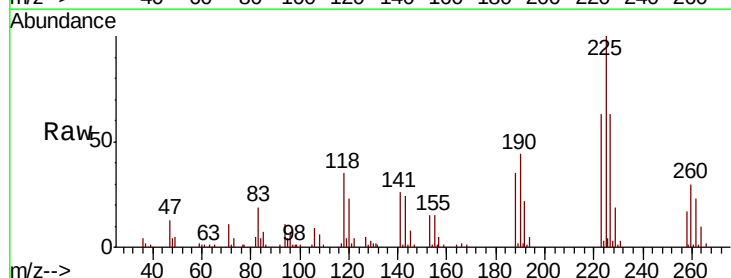


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

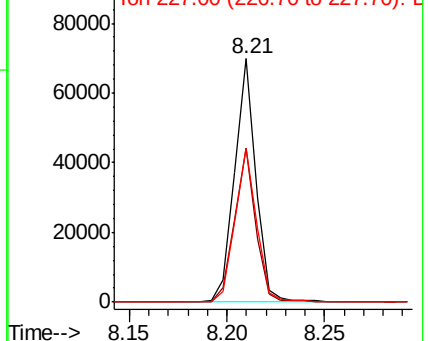
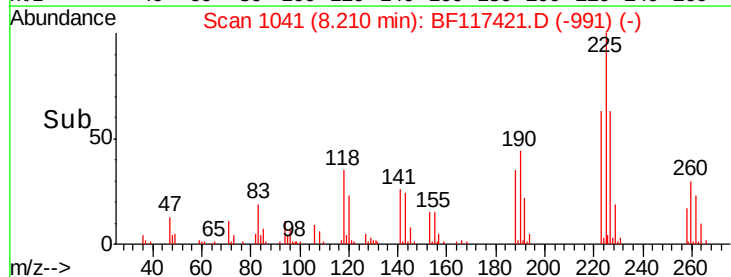


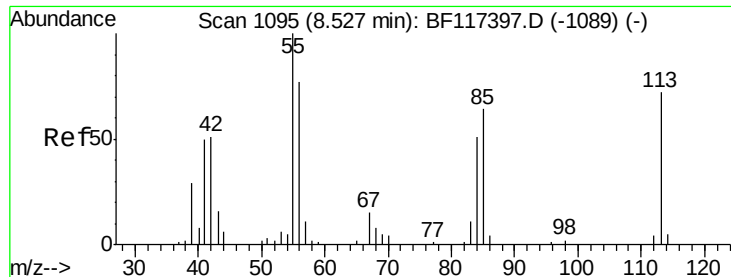
#34
Hexachlorobutadiene
Concen: 40.017 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:	225	Resp:	52940
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	63.3	50.9	76.3



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

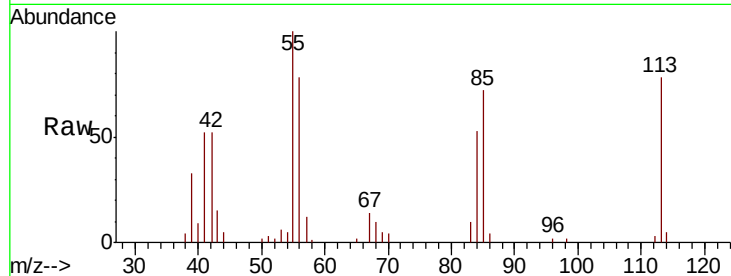




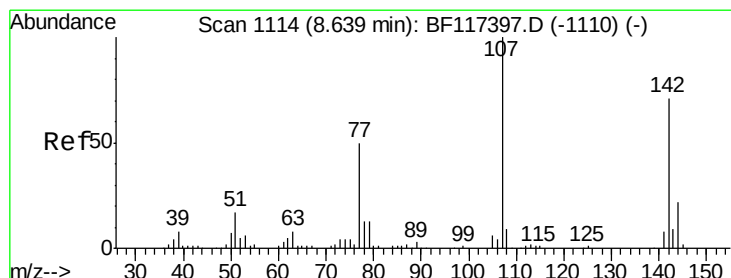
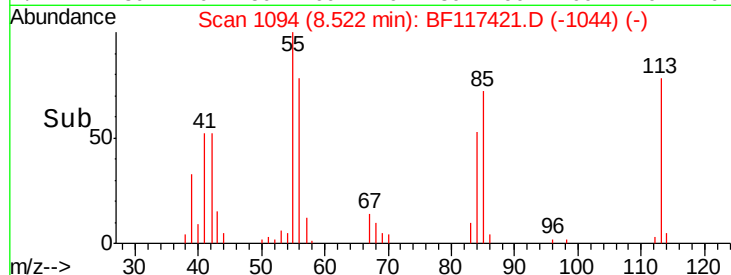
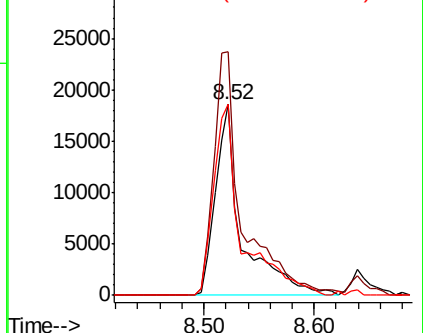
#35
 Caprolactam
 Concen: 45.915 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 30809
 Ion Ratio Lower Upper
 113 100
 55 127.7 118.5 158.5
 56 100.3 86.7 126.7

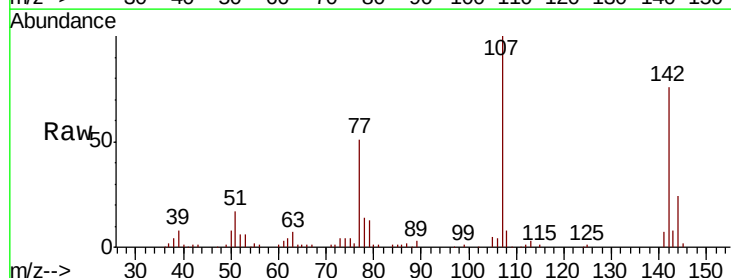


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

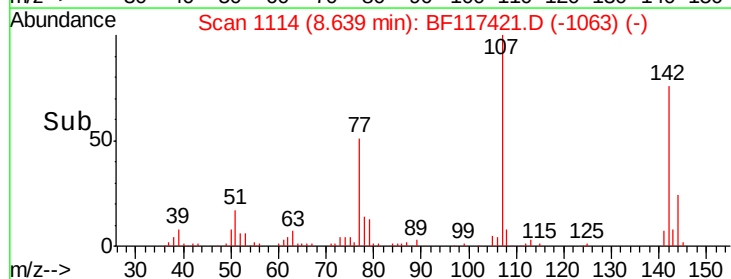
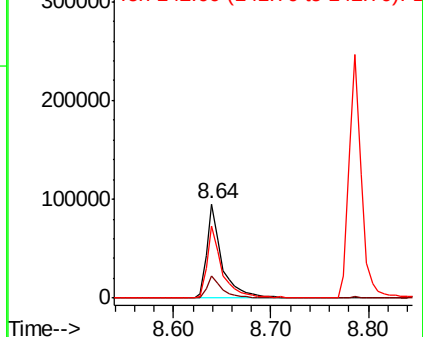


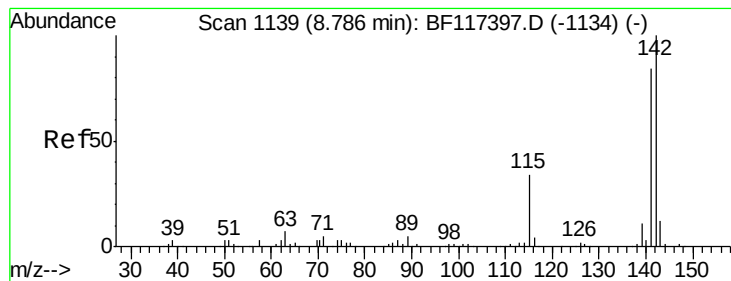
#36
 4-Chloro-3-methylphenol
 Concen: 42.389 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion:107 Resp: 103350
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.9 26.9
 142 76.4 56.9 85.3



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





#37

2-Methylnaphthalene

Concen: 41.759 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

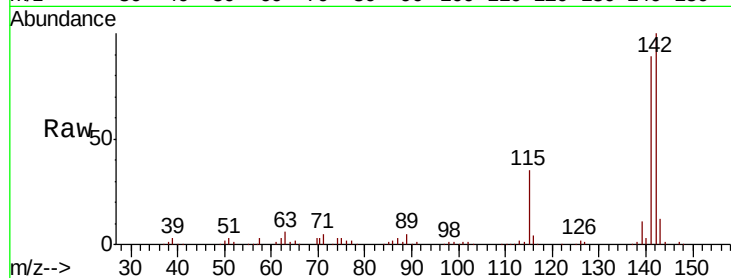
Tot Ion:142 Resp: 219453

Ion Ratio Lower Upper

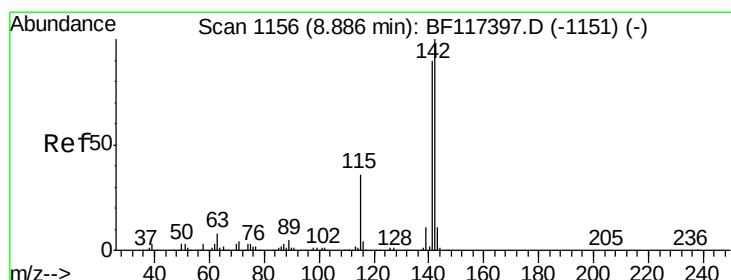
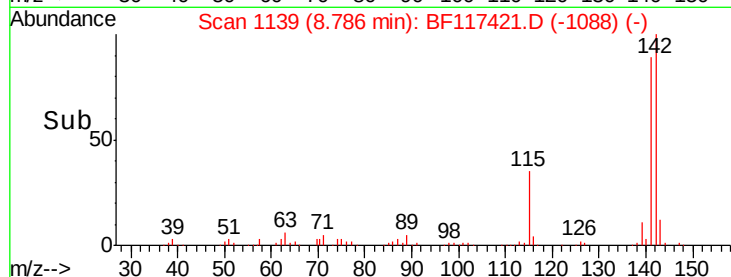
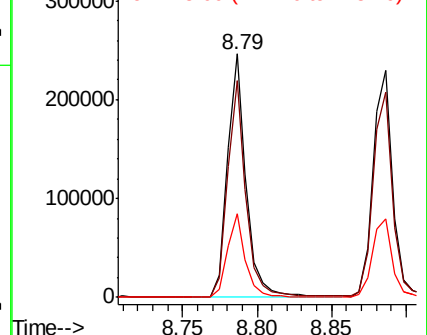
142 100

141 88.8 67.2 100.8

115 34.5 26.9 40.3



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: 42.657 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

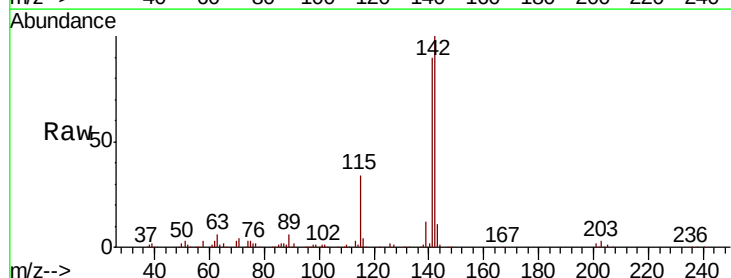
Tgt Ion:142 Resp: 211215

Ion Ratio Lower Upper

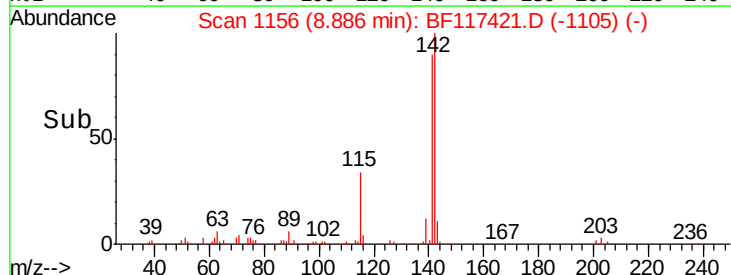
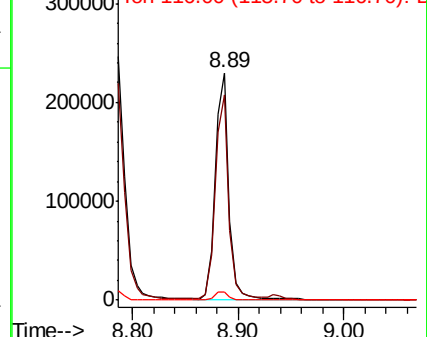
142 100

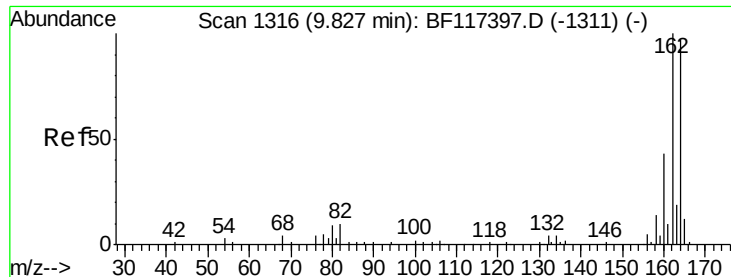
141 90.4 71.8 107.8

116 3.6 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

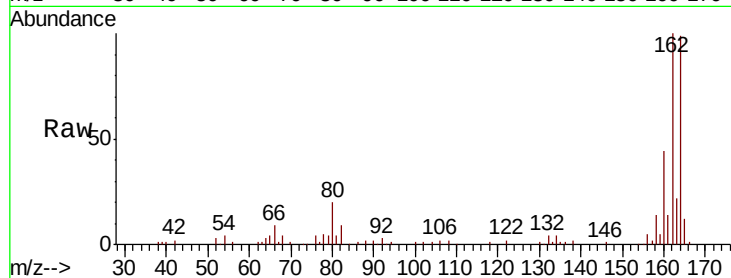




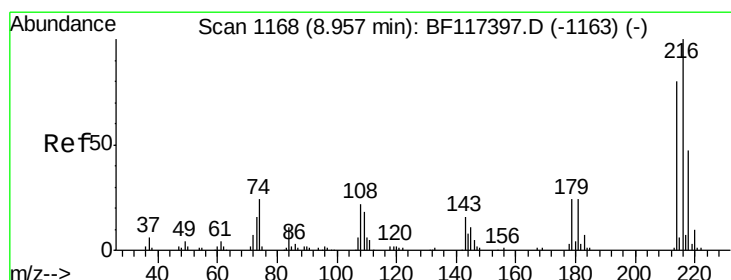
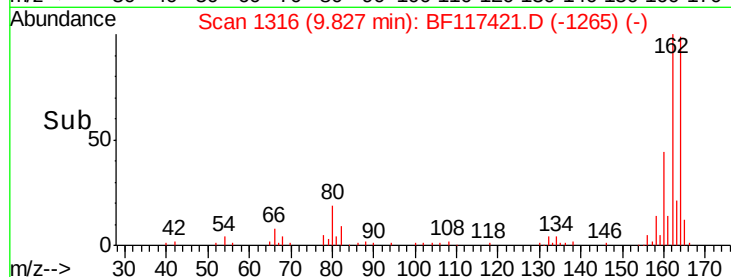
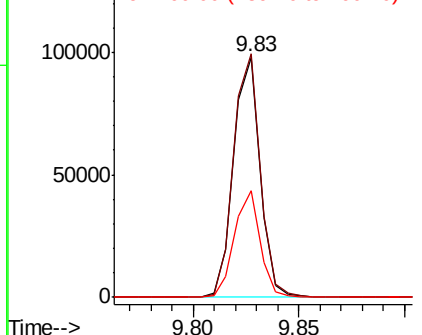
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 84329
Ion Ratio Lower Upper
164 100
162 101.3 82.4 123.6
160 44.2 35.4 53.0

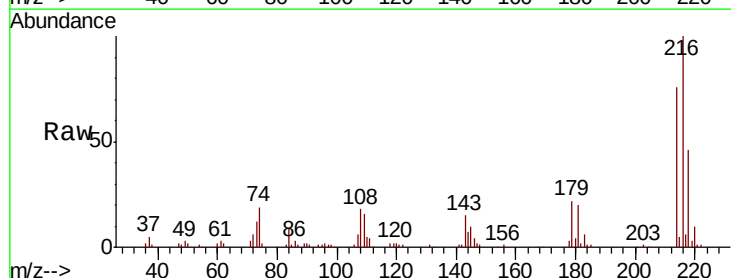


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

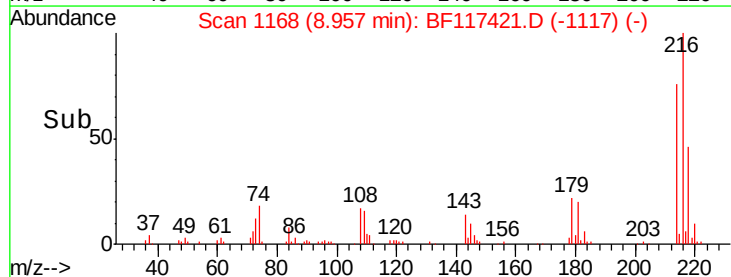
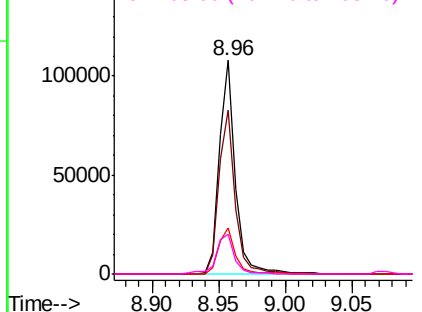


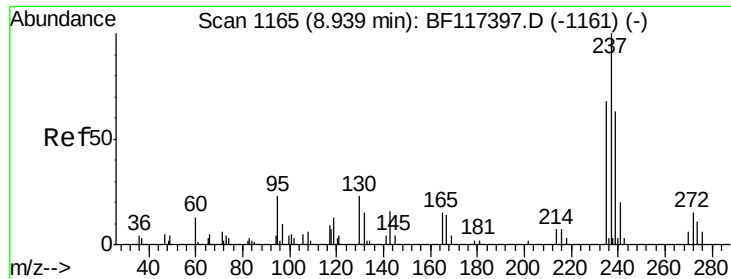
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.441 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:216 Resp: 91783
Ion Ratio Lower Upper
216 100
214 77.9 63.8 95.6
179 22.4 18.6 28.0
108 21.3 17.0 25.4



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





#41

Hexachlorocyclopentadiene

Concen: 57.511 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

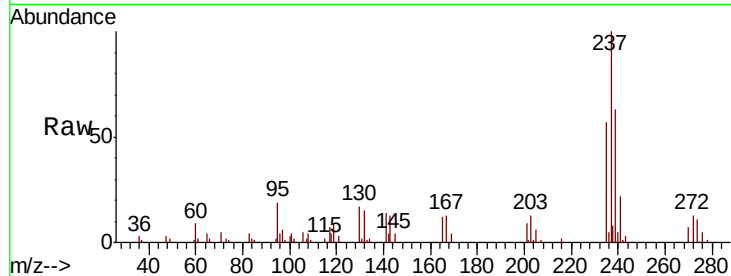
Tot Ion:237 Resp: 24374

Ion Ratio Lower Upper

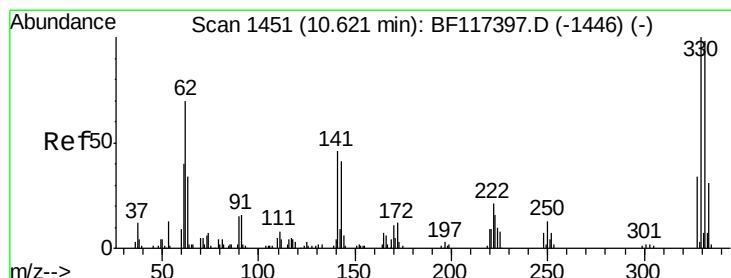
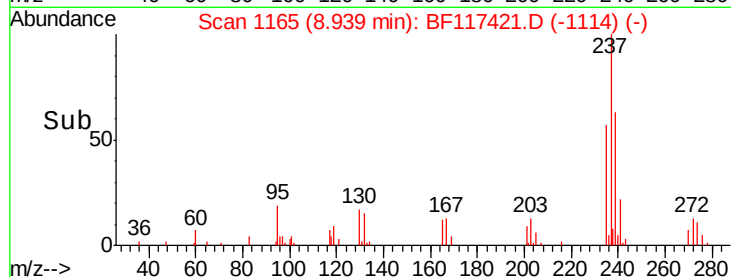
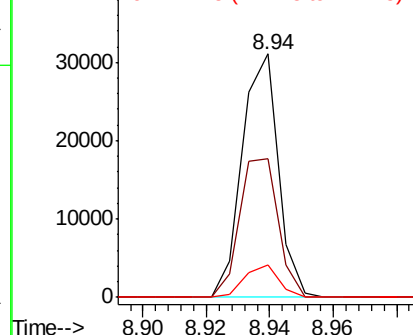
237 100

235 56.9 47.8 87.8

272 13.4 0.0 35.0



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: 84.995 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

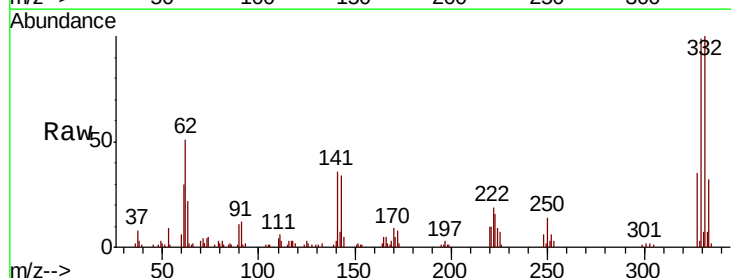
Tgt Ion:330 Resp: 58334

Ion Ratio Lower Upper

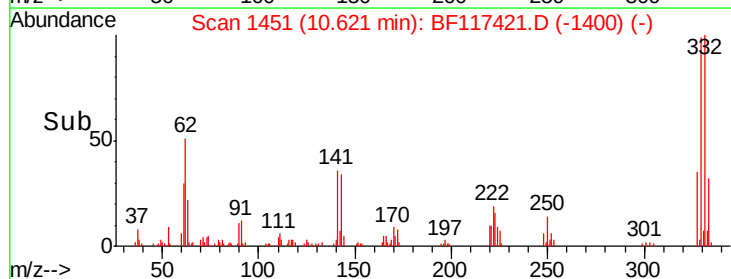
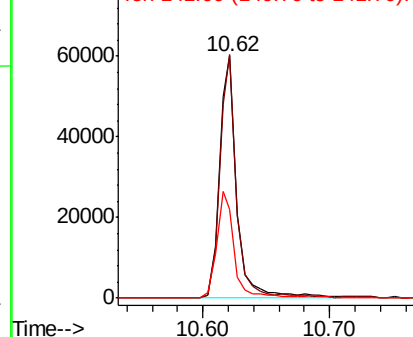
330 100

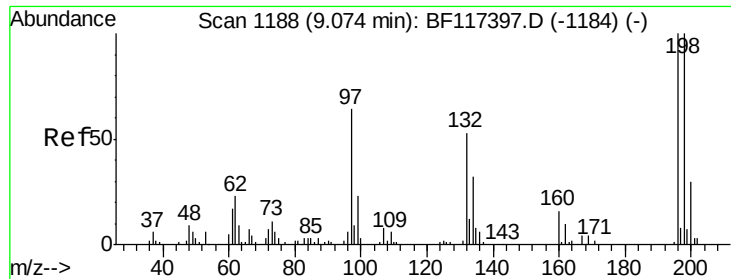
332 96.7 75.0 112.6

141 44.2 34.2 51.4



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

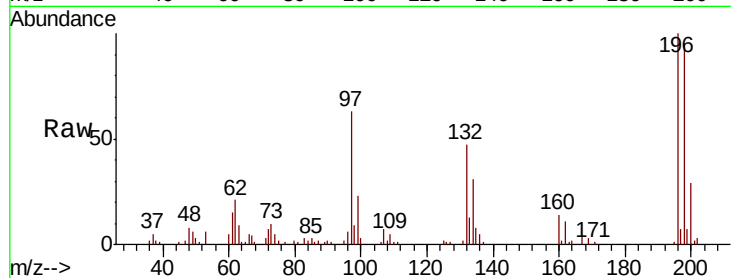




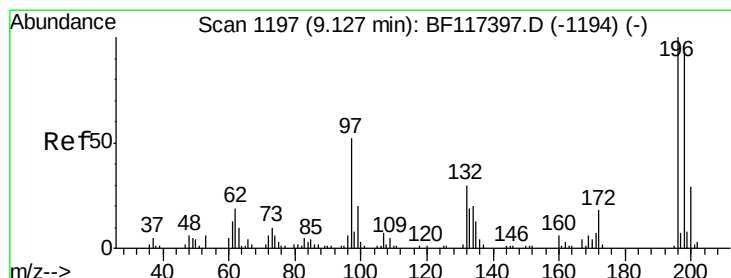
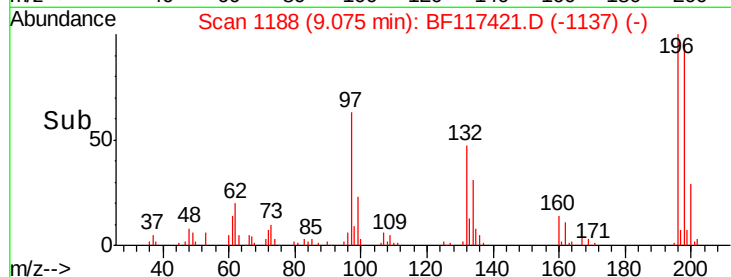
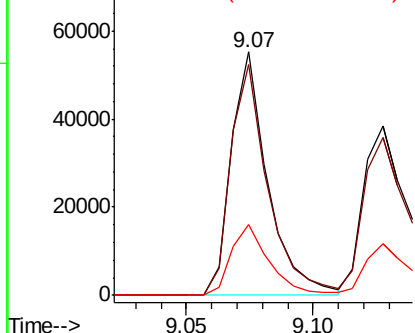
#43
 2,4,6-Trichlorophenol
 Concen: 38.507 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 55308
 Ion Ratio Lower Upper
 196 100
 198 94.6 79.8 119.6
 200 29.3 23.7 35.5

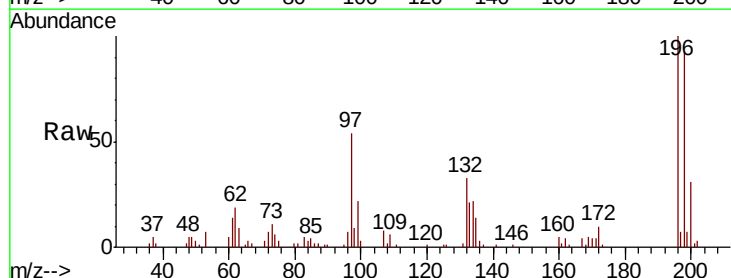


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

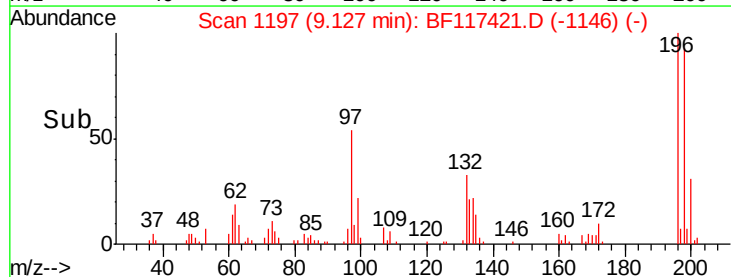
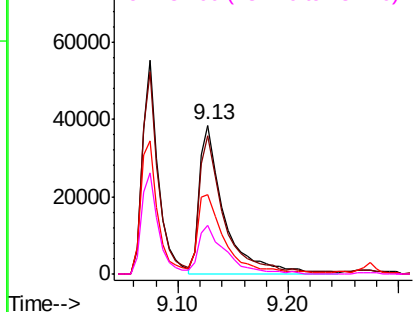


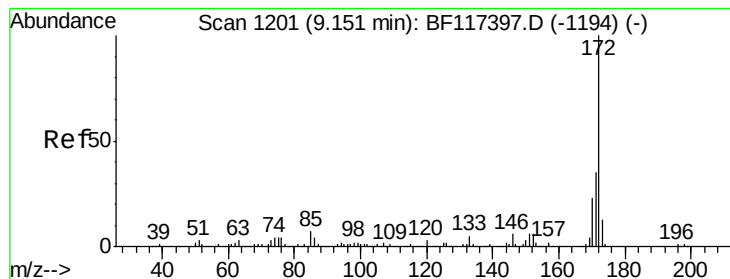
#44
 2,4,5-Trichlorophenol
 Concen: 40.491 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion:196 Resp: 59322
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.9 112.3
 97 53.8 42.5 63.7
 132 32.5 24.7 37.1



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





#45

2-Fluorobiphenyl

Concen: 79.555 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

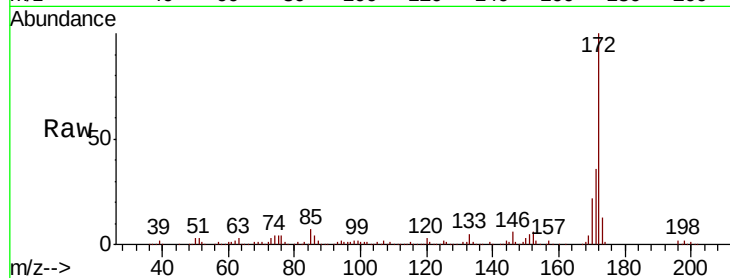
Tot Ion:172 Resp: 460173

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

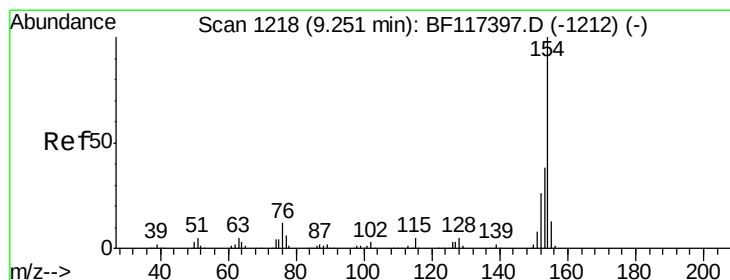
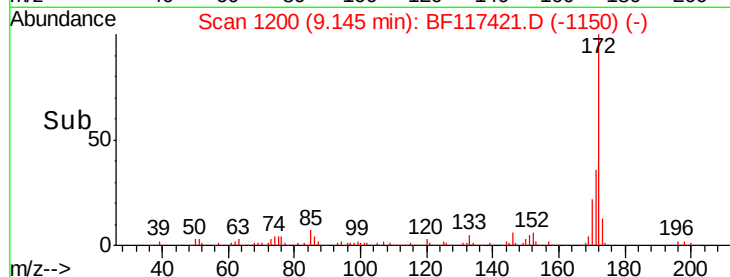
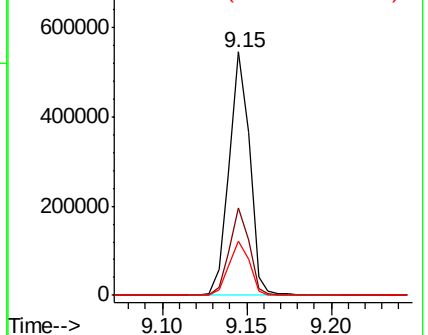
170 22.4 18.2 27.2



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: 40.840 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

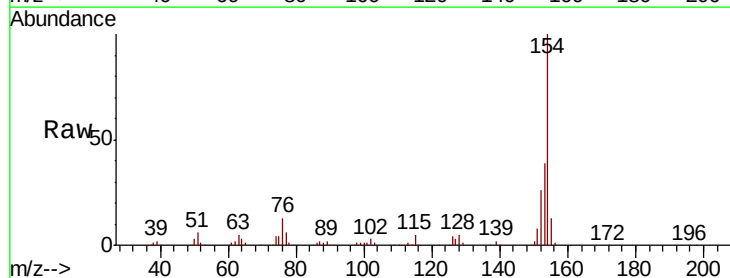
Tgt Ion:154 Resp: 281355

Ion Ratio Lower Upper

154 100

153 39.5 18.3 58.3

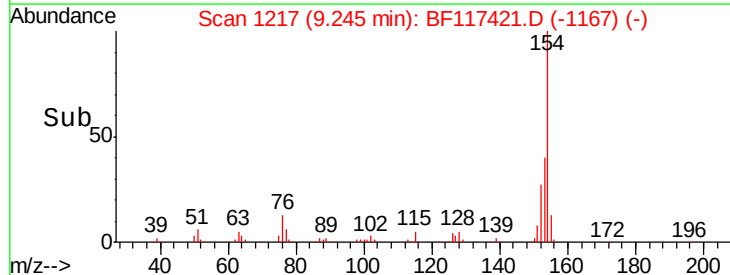
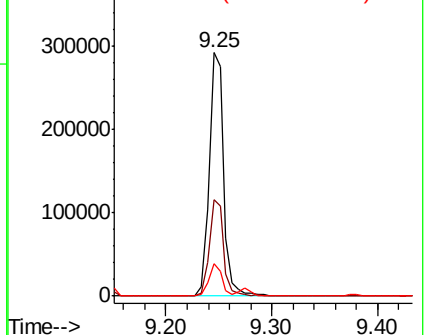
76 13.2 0.0 32.3

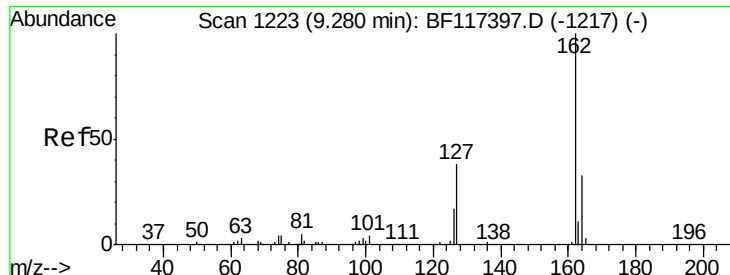


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

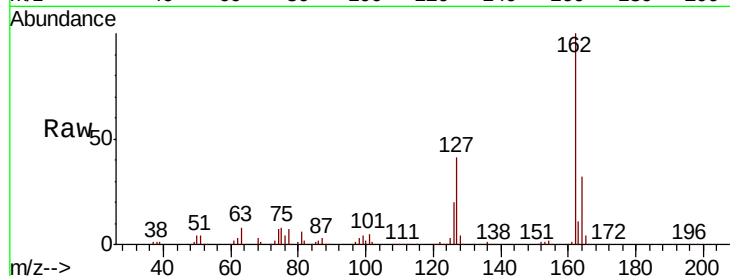




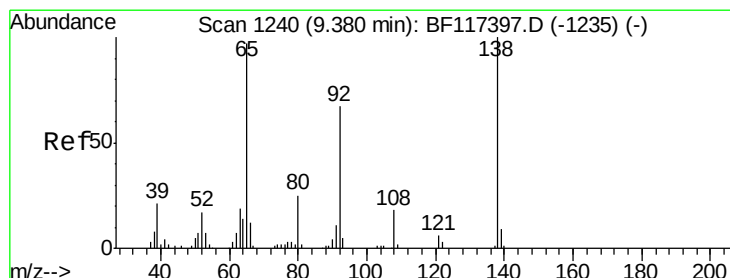
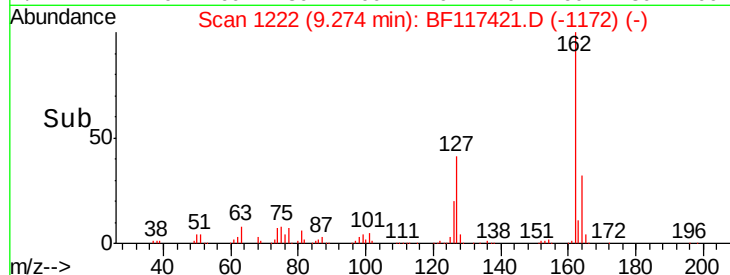
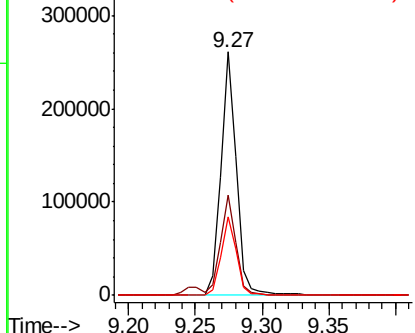
#47
2-Chloronaphthalene
Concen: 39.903 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	32.1	26.2	39.4

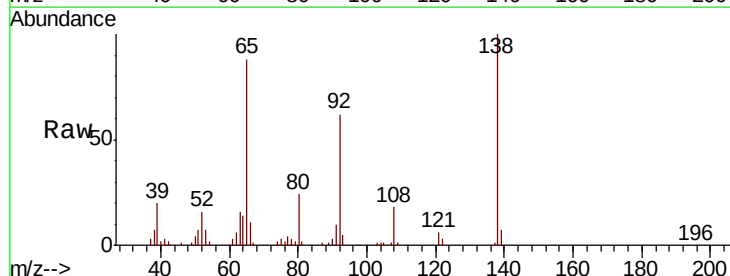


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

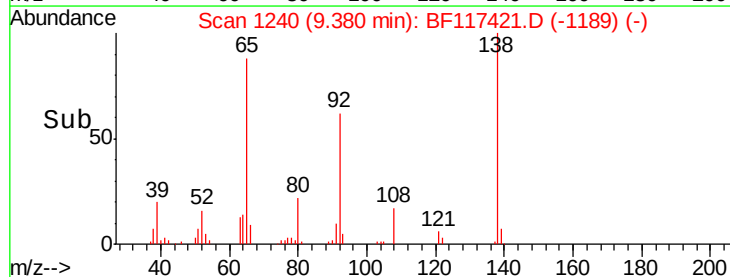
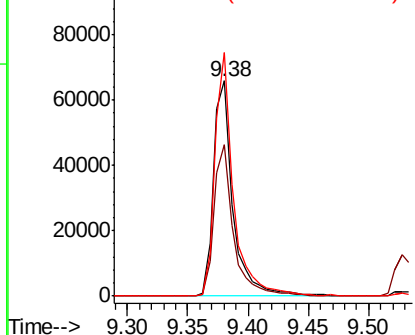


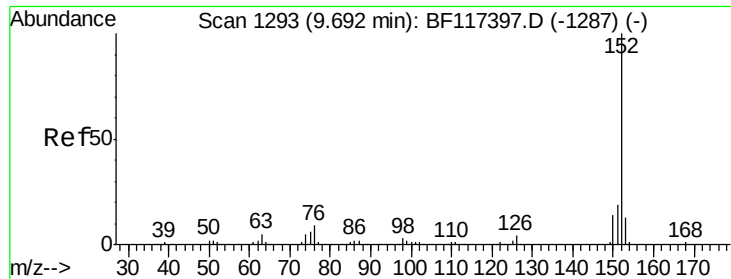
#48
2-Nitroaniline
Concen: 42.534 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.4	83.0
138	113.1	82.6	124.0



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





#49

Acenaphthylene

Concen: 41.003 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

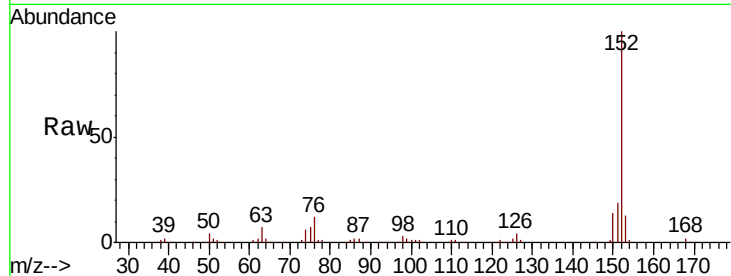
Tot Ion:152 Resp: 322809

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3

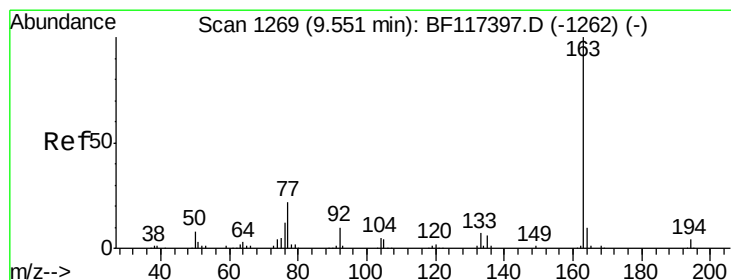
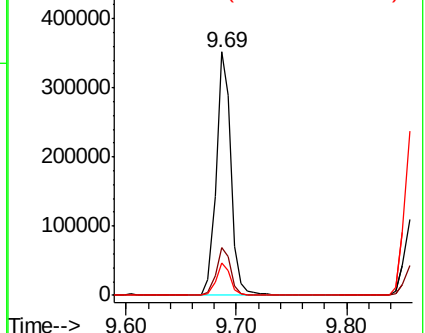
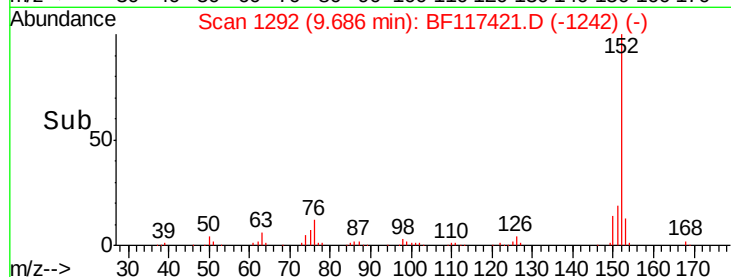
153 13.3 10.6 16.0



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: 42.206 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

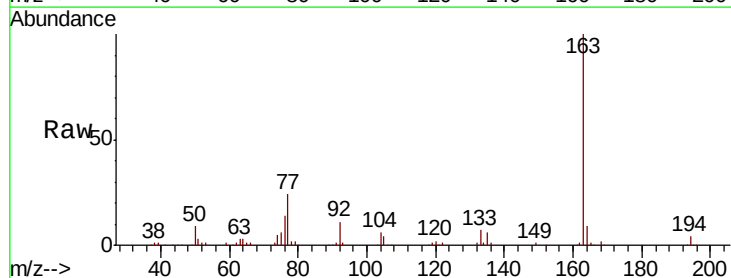
Tgt Ion:163 Resp: 255614

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

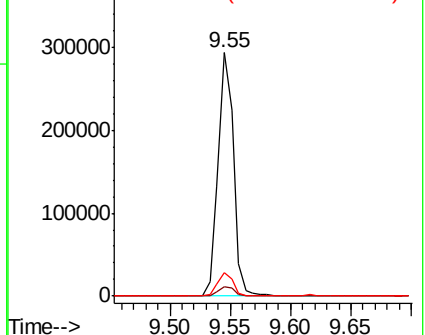
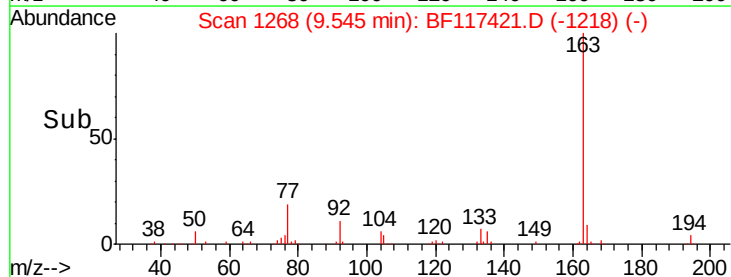
164 9.5 8.0 12.0

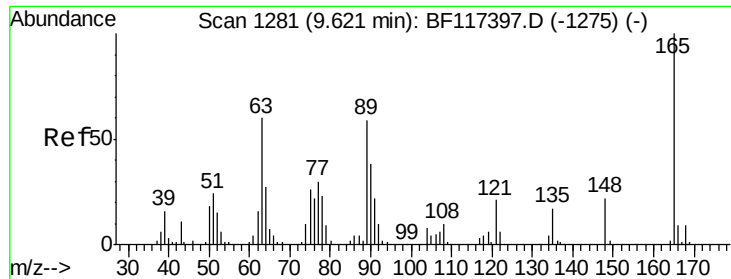


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

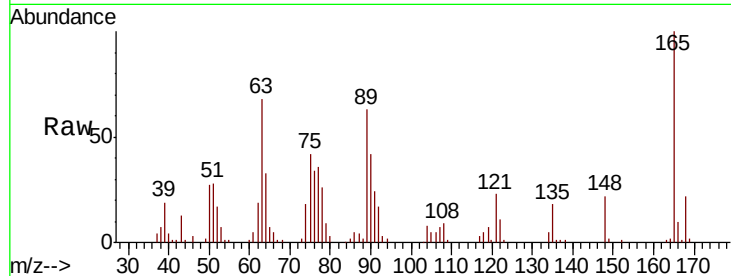




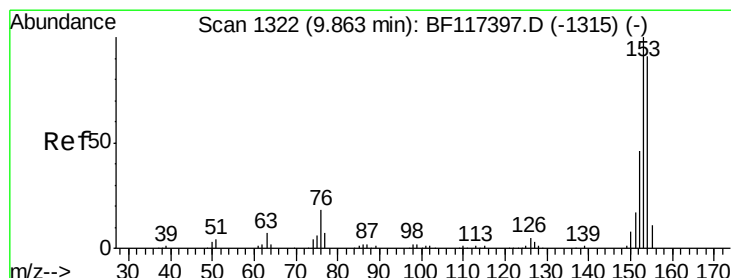
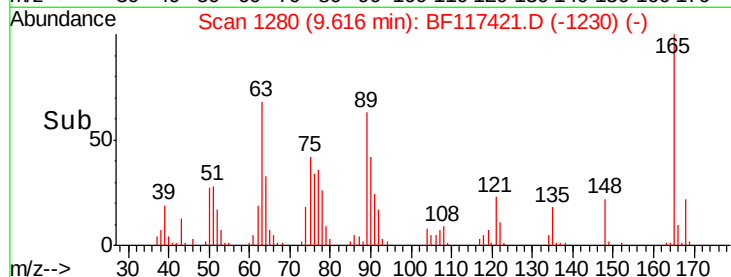
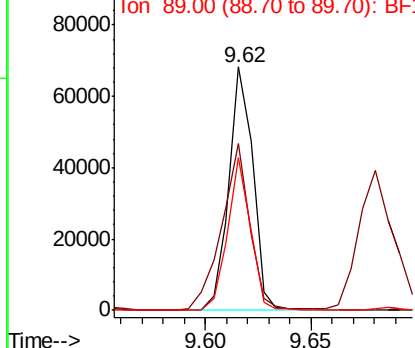
#51
2,6-Dinitrotoluene
Concen: 42.069 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 53553
Ion Ratio Lower Upper
165 100
63 68.3 47.8 71.6
89 62.9 47.4 71.0

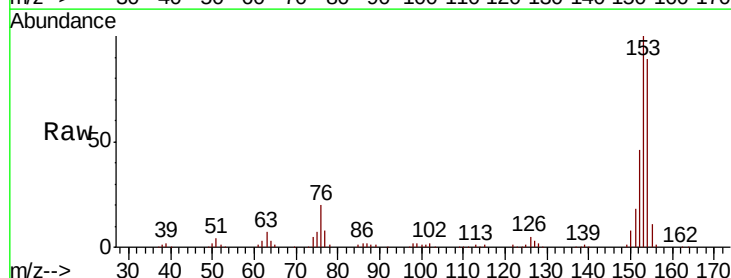


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

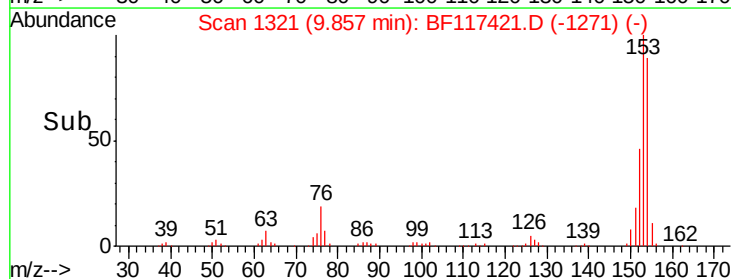
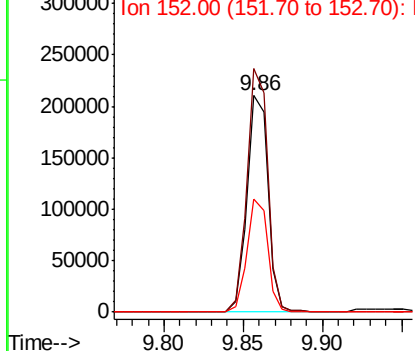


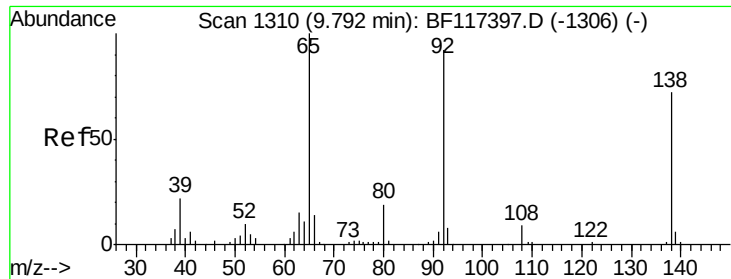
#52
Acenaphthene
Concen: 40.467 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:154 Resp: 193592
Ion Ratio Lower Upper
154 100
153 112.4 87.9 131.9
152 52.2 40.8 61.2



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

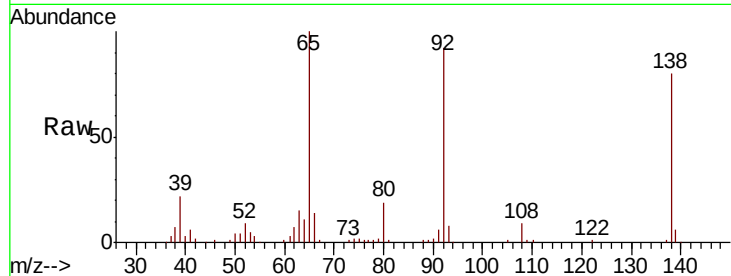




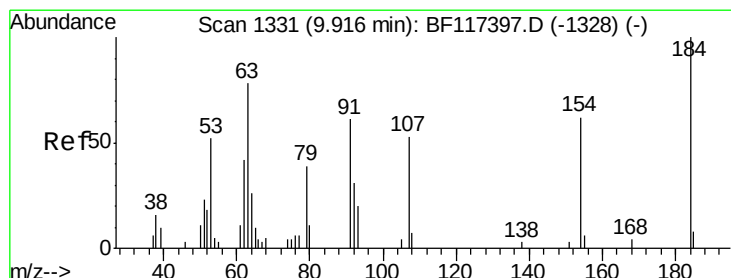
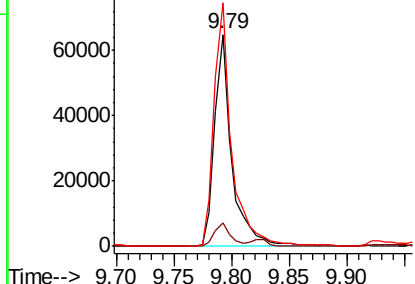
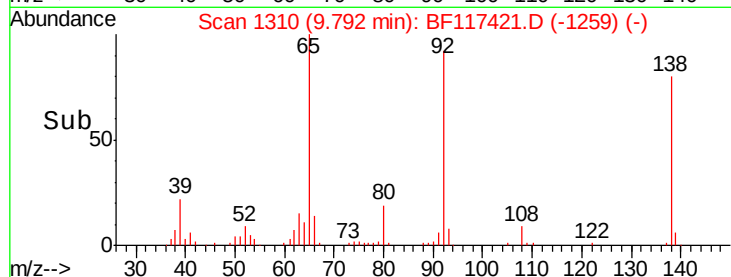
#53
3-Nitroaniline
Concen: 43.338 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 67369
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 115.0 102.2 153.4

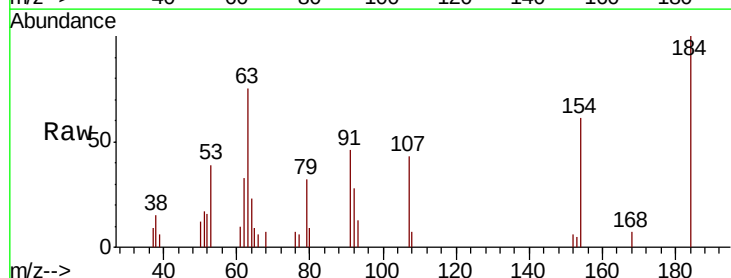


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

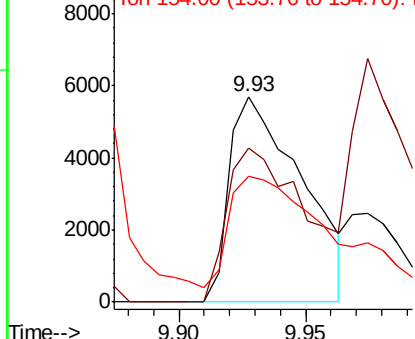
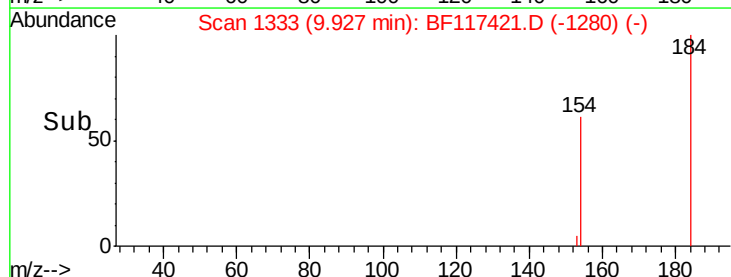


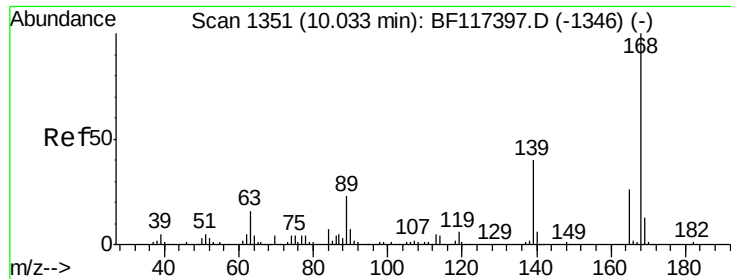
#54
2,4-Dinitrophenol
Concen: 24.270 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:184 Resp: 11324
Ion Ratio Lower Upper
184 100
63 74.8 62.4 93.6
154 61.3 53.5 80.3



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

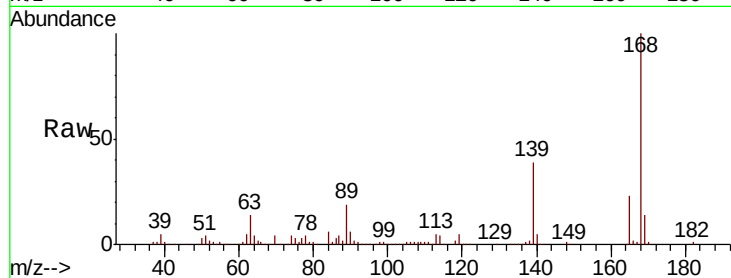




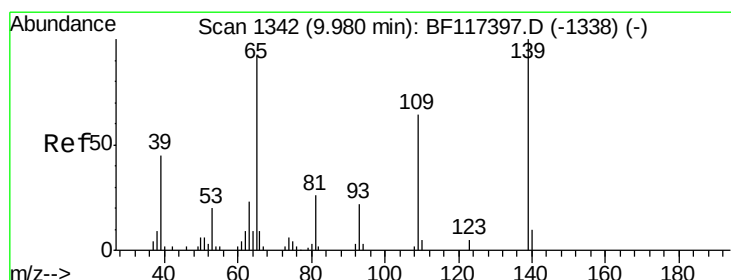
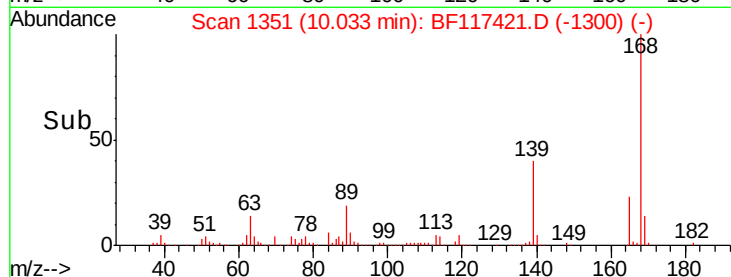
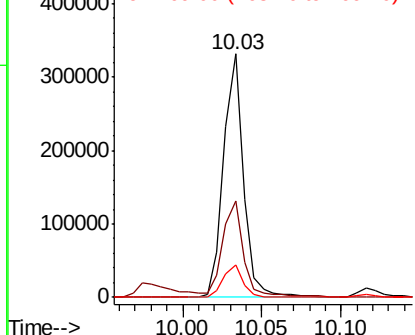
#55
Dibenzenofuran
Concen: 41.503 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	33.3	49.9
169	13.5	10.7	16.1

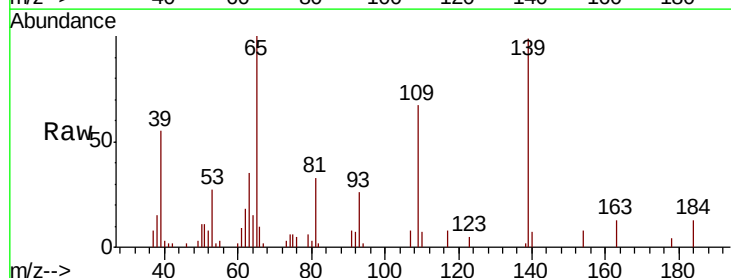


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

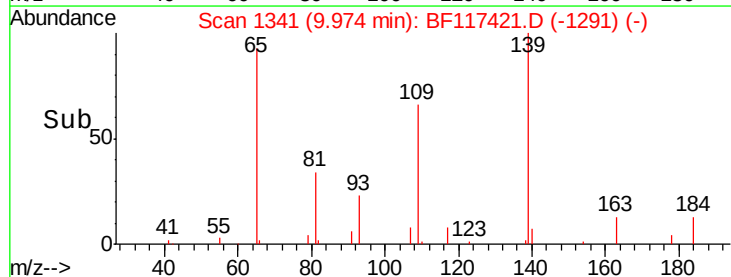
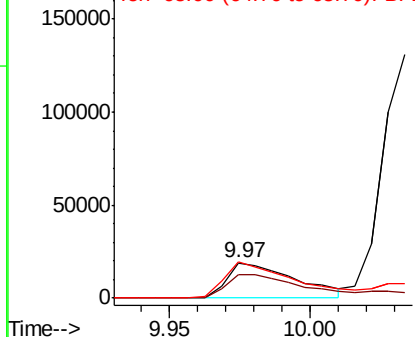


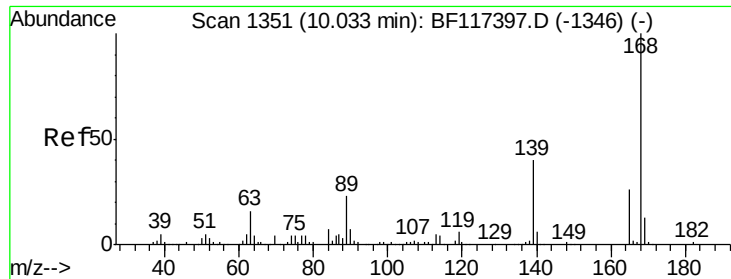
#56
4-Nitrophenol
Concen: 47.454 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	43.8	83.8
65	101.5	73.9	113.9



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

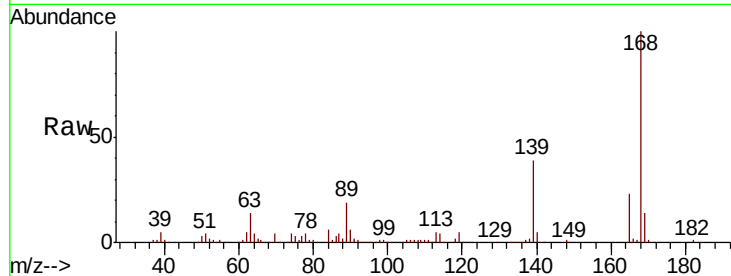




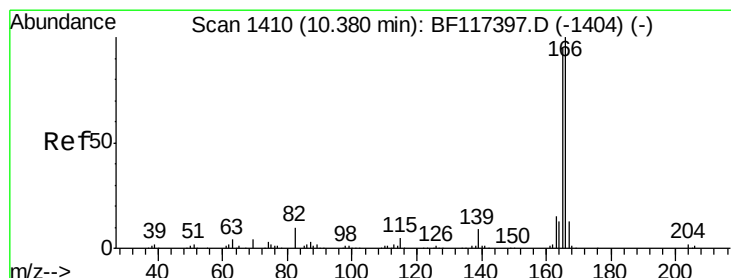
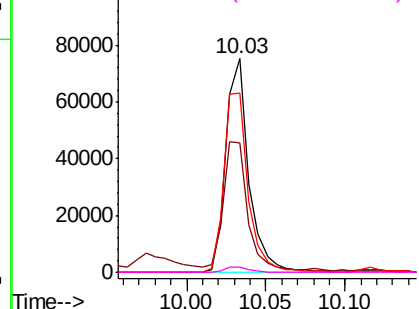
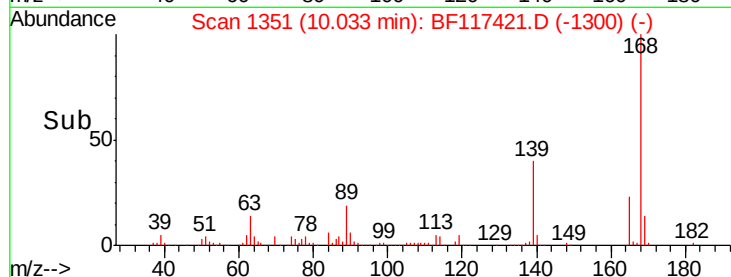
#57
 2,4-Dinitrotoluene
 Concen: 44.789 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 75232
 Ion Ratio Lower Upper
 165 100
 63 60.5 51.0 76.4
 89 84.0 70.7 106.1
 182 2.3 2.1 3.1

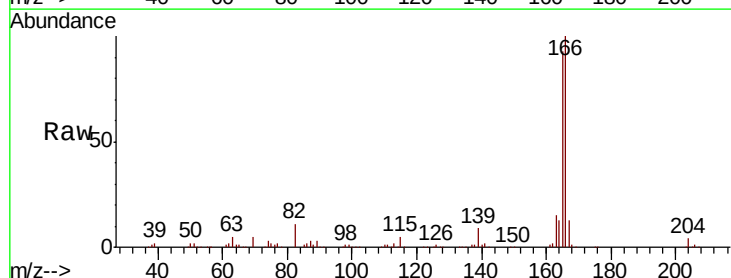


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

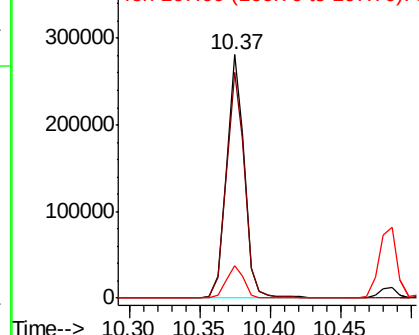
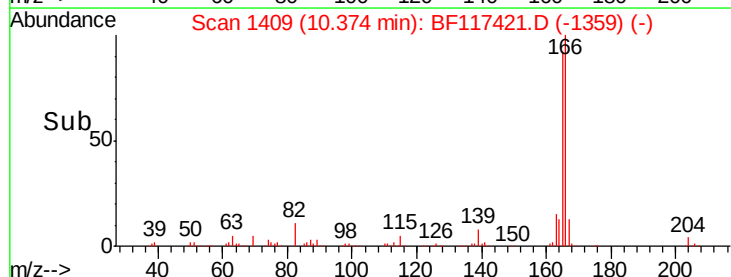


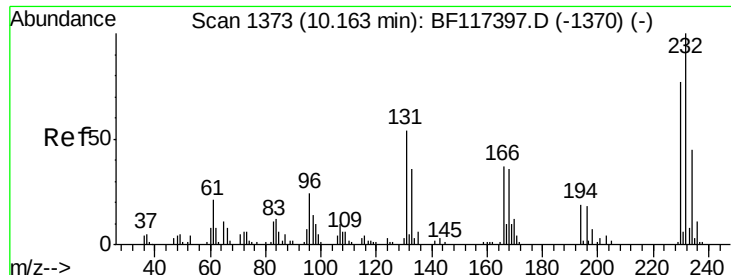
#58
 Fluorene
 Concen: 42.193 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion:166 Resp: 245166
 Ion Ratio Lower Upper
 166 100
 165 92.6 75.7 113.5
 167 13.3 10.4 15.6



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

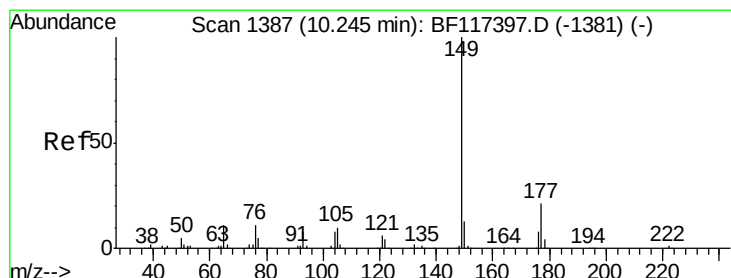
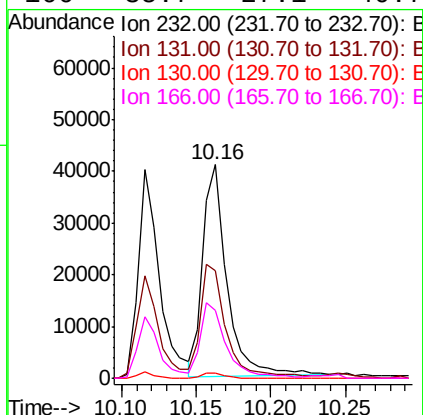
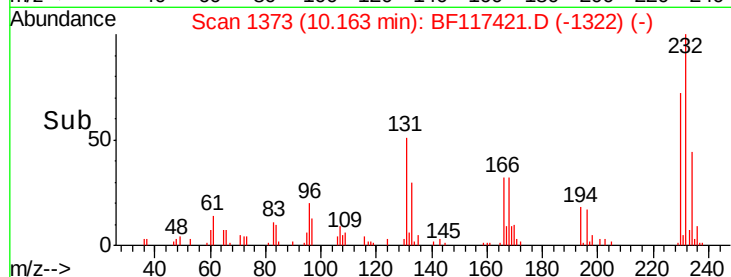
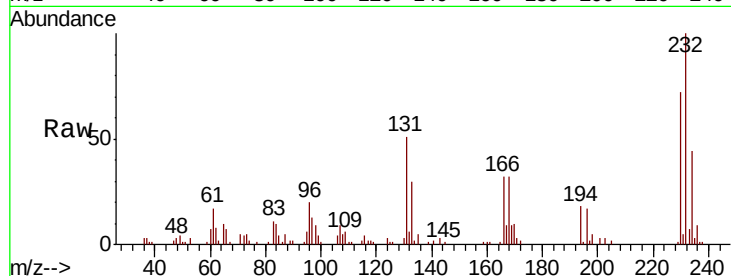




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.876 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

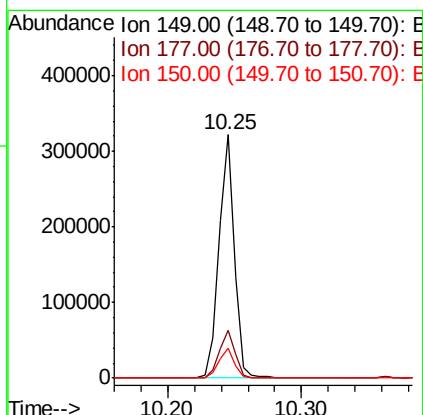
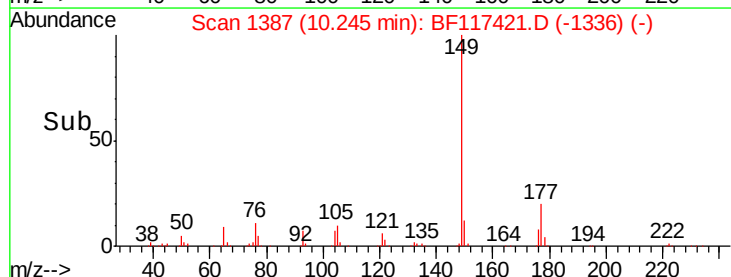
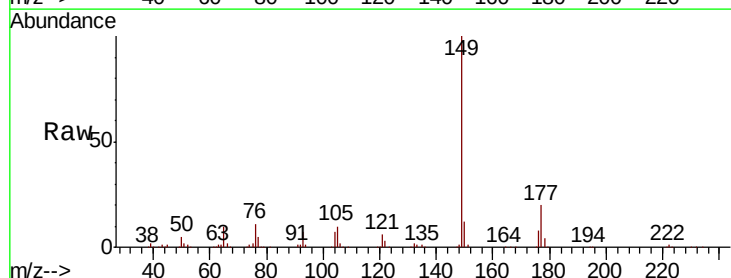
Instrument :
BNA_F
ClientSampleId :

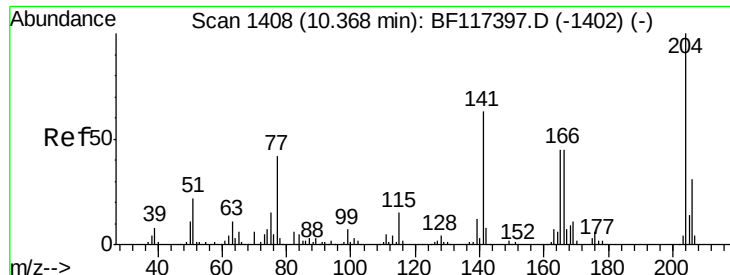
Tot Ion:232 Resp: 46296
Ion Ratio Lower Upper
232 100
131 58.2 44.5 66.7
130 2.5 2.0 3.0
166 35.7 27.1 40.7



#60
Diethylphthalate
Concen: 43.064 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:149 Resp: 262894
Ion Ratio Lower Upper
149 100
177 19.5 16.5 24.7
150 12.4 10.1 15.1

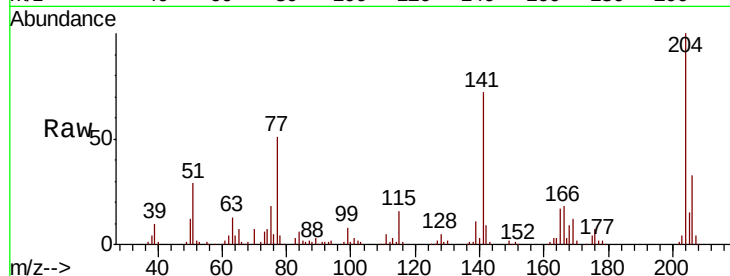




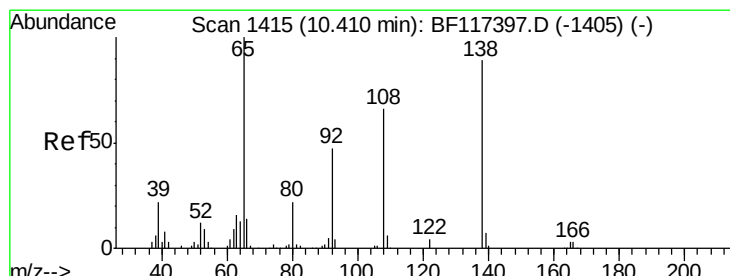
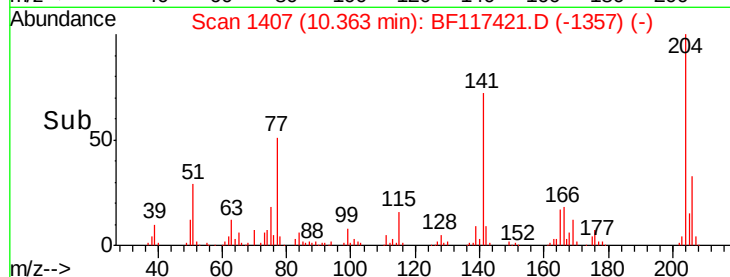
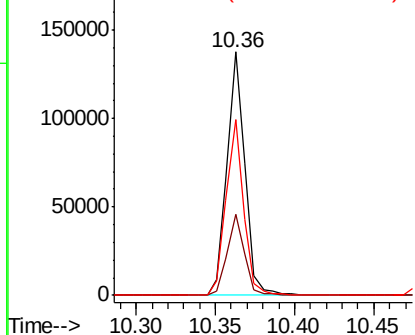
#61
4-Chlorophenyl-phenylether
Concen: 42.003 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 108056
Ion Ratio Lower Upper
204 100
206 33.1 25.0 37.4
141 72.4 50.7 76.1

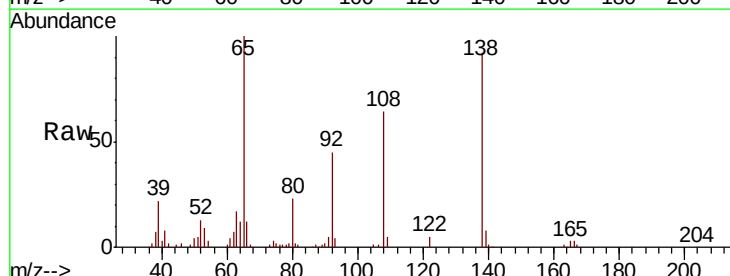


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

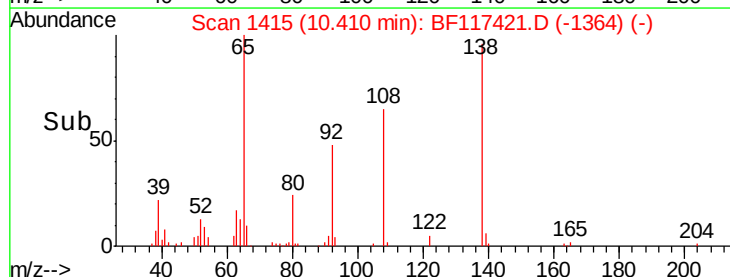
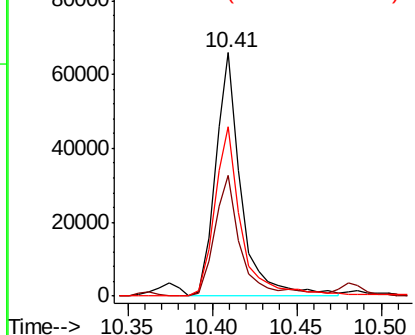


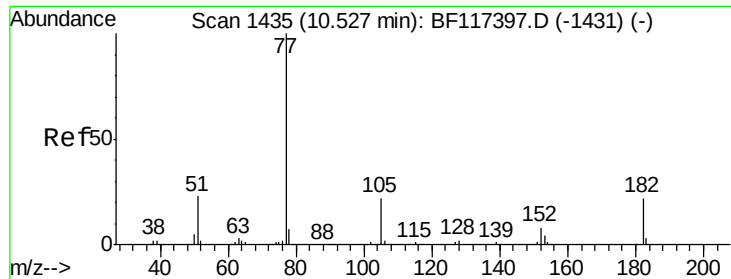
#62
4-Nitroaniline
Concen: 47.120 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:138 Resp: 69628
Ion Ratio Lower Upper
138 100
92 49.4 32.4 72.4
108 69.5 53.8 93.8



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

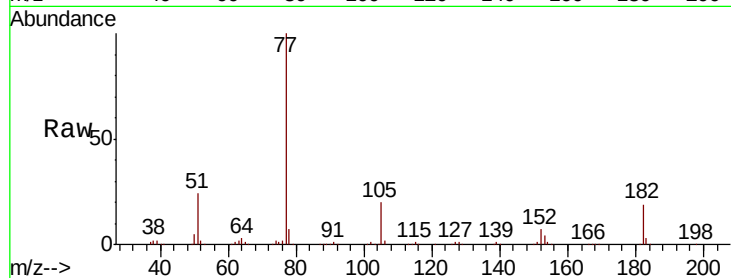




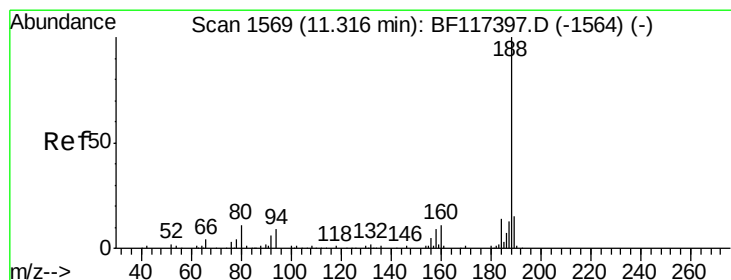
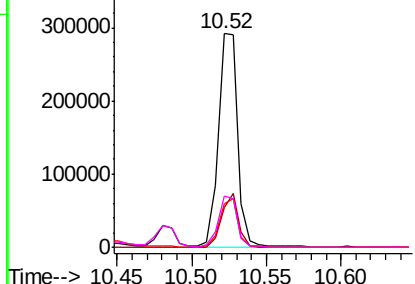
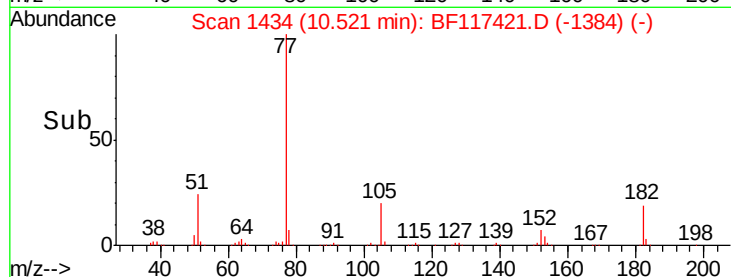
#63
Azobenzene
Concen: 41.969 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	262891
Ion	Ratio	Lower	Upper
77	100		
182	18.5	1.5	41.5
105	20.2	1.8	41.8
51	23.7	3.3	43.3

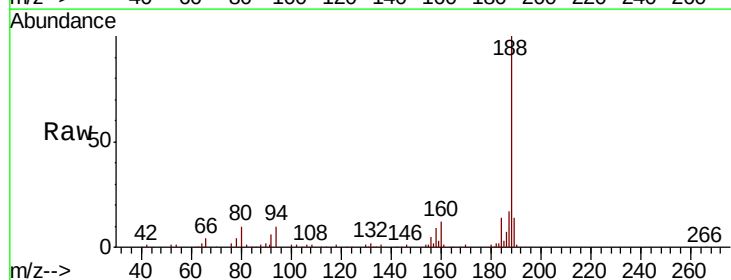


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

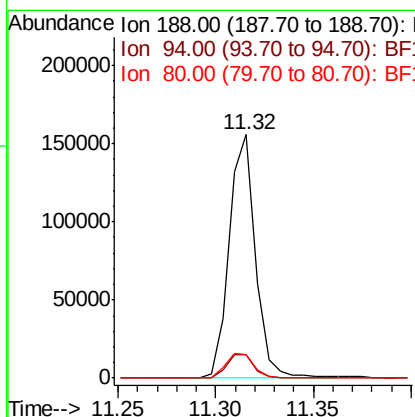
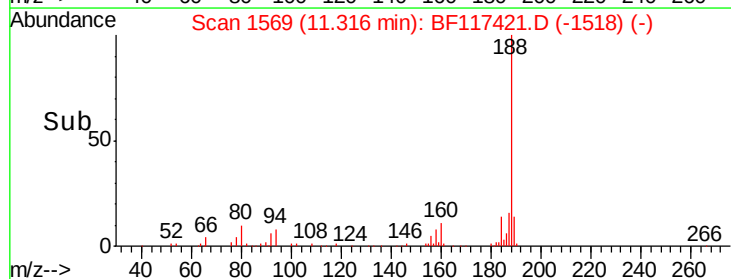


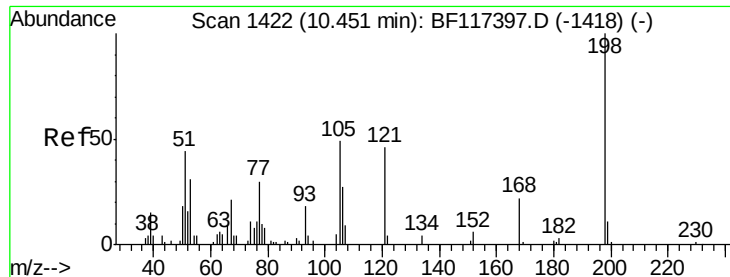
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:	188	Resp:	145033
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	9.8	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

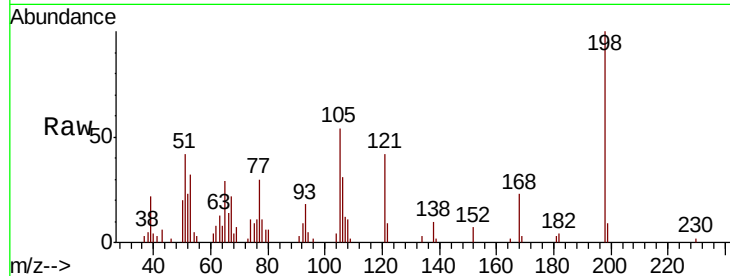




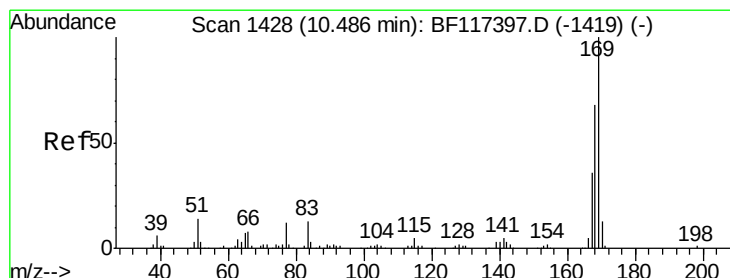
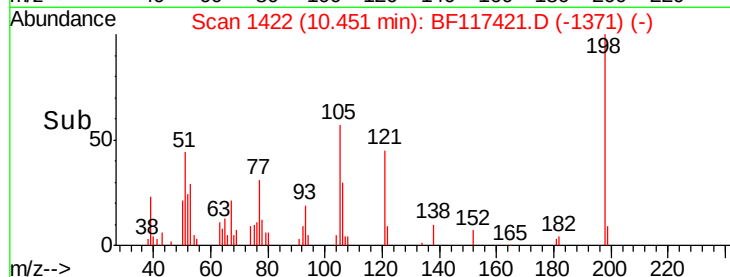
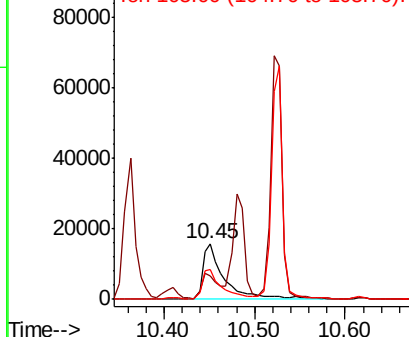
#65
4,6-Dinitro-2-methylphenol
Concen: 35.387 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 26220
Ion Ratio Lower Upper
198 100
51 41.8 25.9 65.9
105 53.9 29.4 69.4

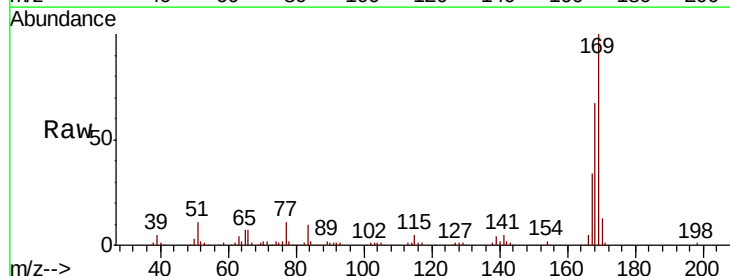


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

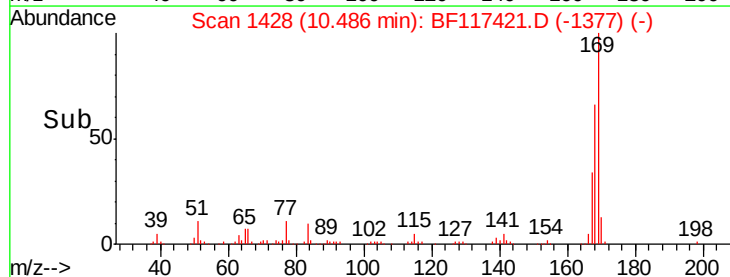
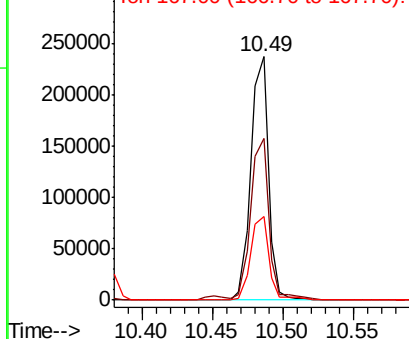


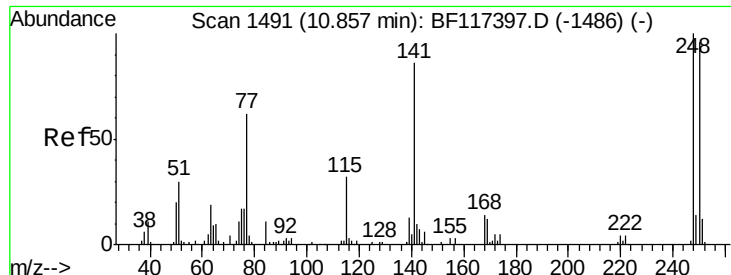
#66
n-Nitrosodiphenylamine
Concen: 38.897 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:169 Resp: 210742
Ion Ratio Lower Upper
169 100
168 66.7 54.1 81.1
167 34.4 28.8 43.2



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

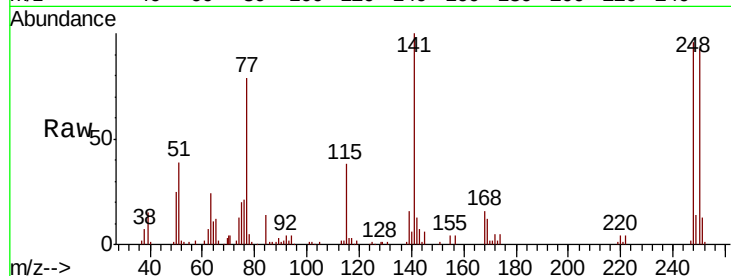




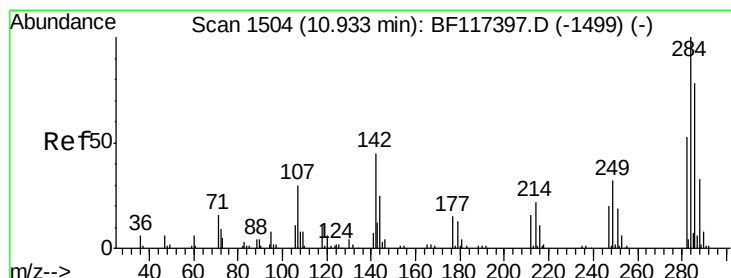
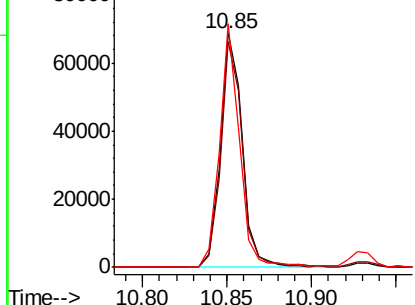
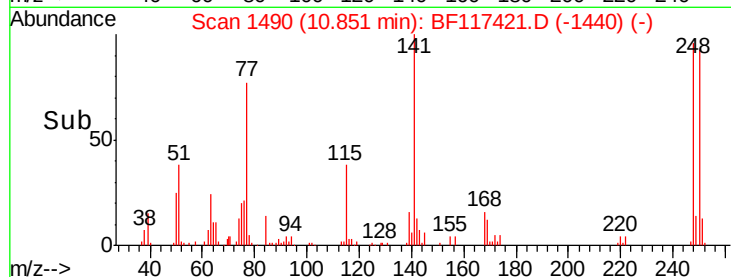
#67
 4-Bromophenyl-phenylether
 Concen: 38.940 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 61945
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.1 115.7
 141 103.9 69.1 103.7#

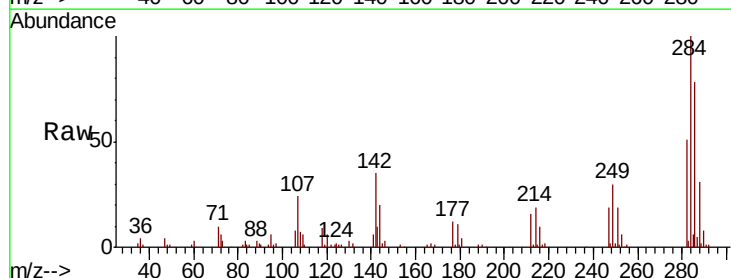


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

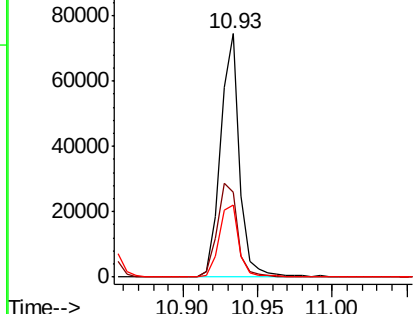
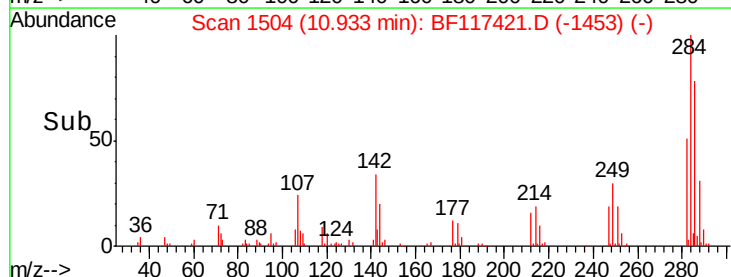


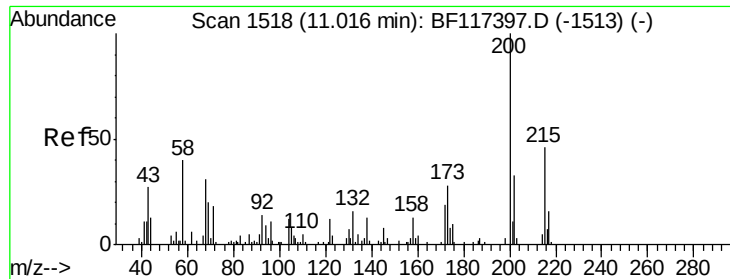
#68
 Hexachlorobenzene
 Concen: 39.113 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion:284 Resp: 66821
 Ion Ratio Lower Upper
 284 100
 142 35.0 35.7 53.5#
 249 29.7 25.8 38.6



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: 51.190 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

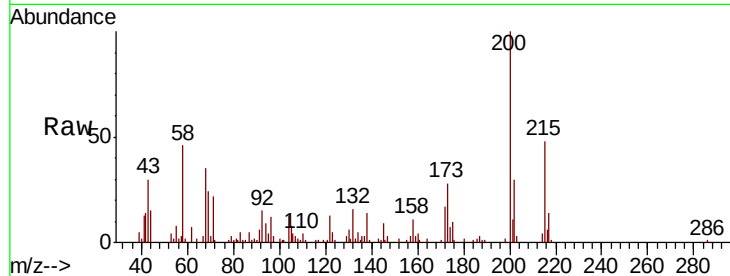
Tot Ion:200 Resp: 44973

Ion Ratio Lower Upper

200 100

173 28.0 8.0 48.0

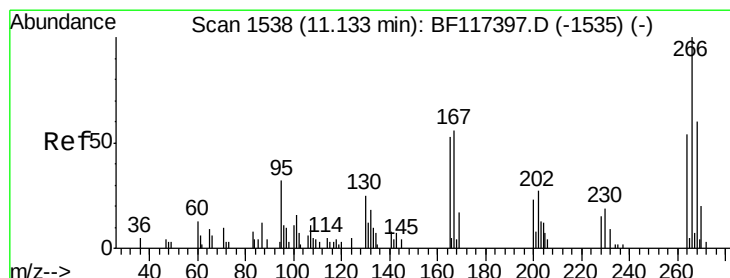
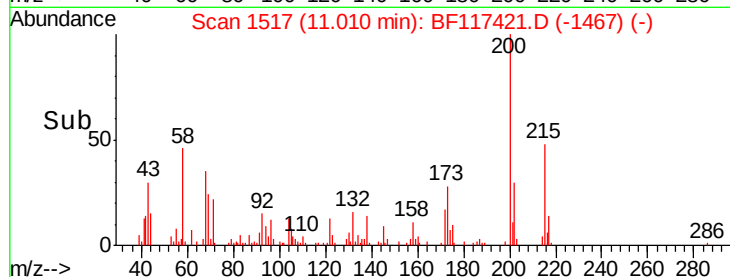
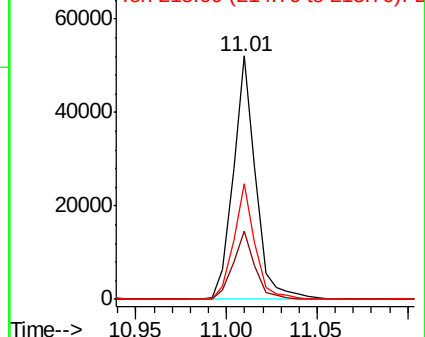
215 47.6 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.837 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

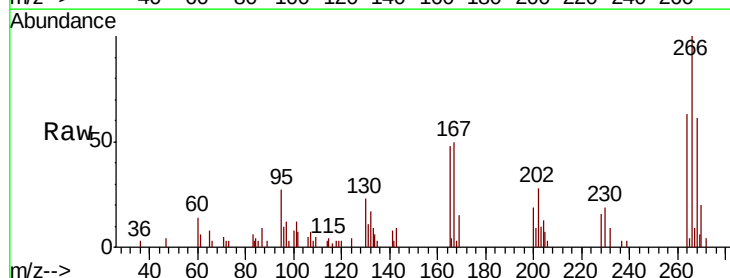
Tgt Ion:266 Resp: 22916

Ion Ratio Lower Upper

266 100

268 60.9 47.8 71.6

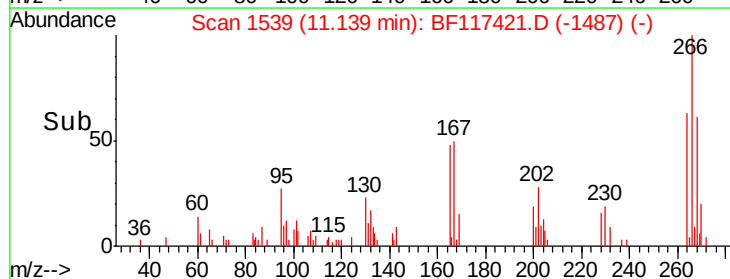
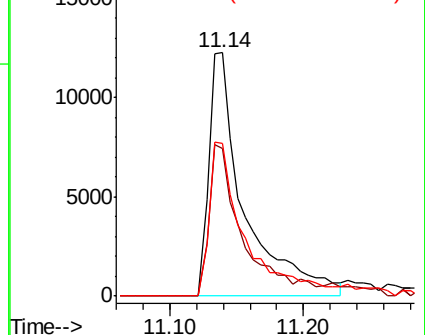
264 63.0 42.9 64.3

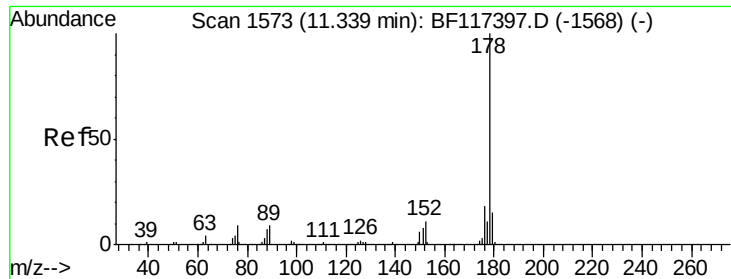


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.442 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

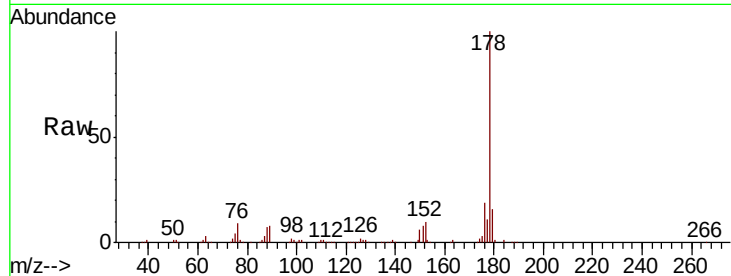
Tot Ion:178 Resp: 355306

Ion Ratio Lower Upper

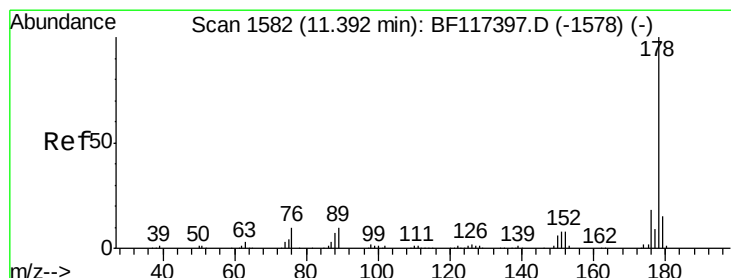
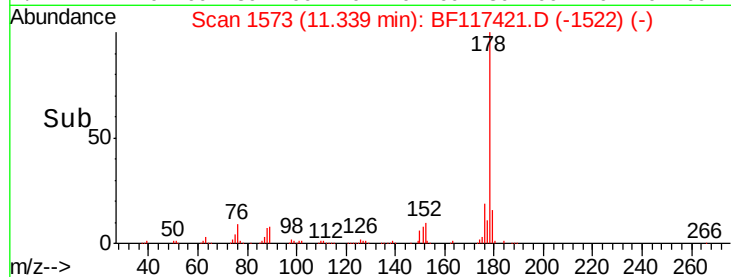
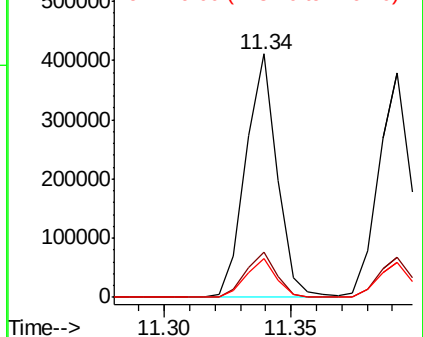
178 100

176 18.8 14.6 22.0

179 15.7 12.3 18.5



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: 41.410 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

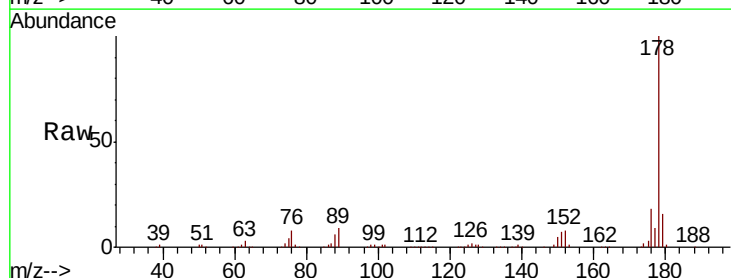
Tgt Ion:178 Resp: 366499

Ion Ratio Lower Upper

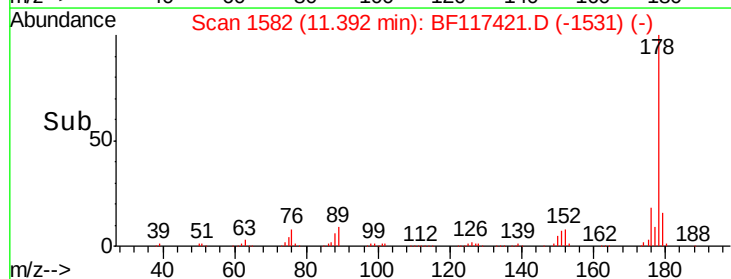
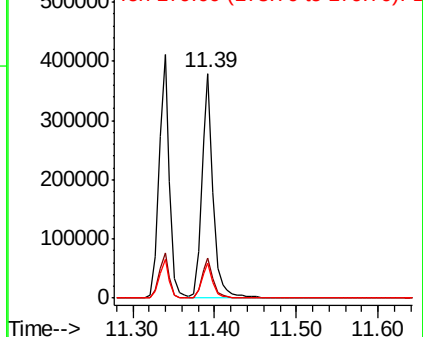
178 100

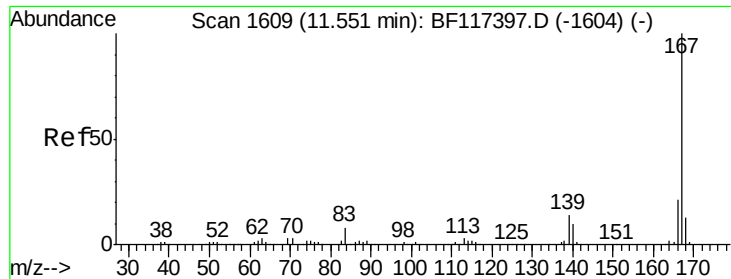
176 17.6 14.4 21.6

179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

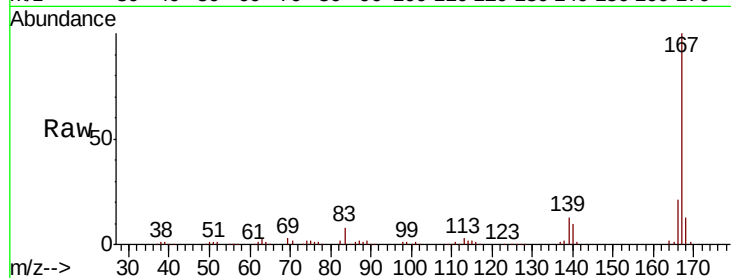




#73
 Carbazole
 Concen: 44.186 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.7	10.8	16.2

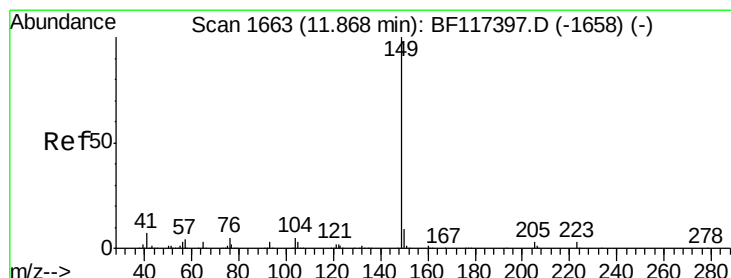
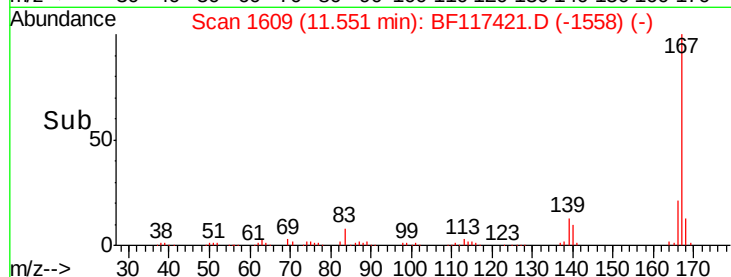
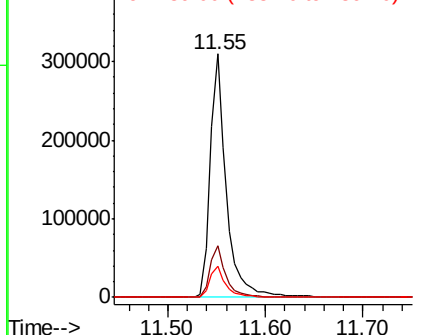


Abundance

Ion 167.00 (166.70 to 167.70): E

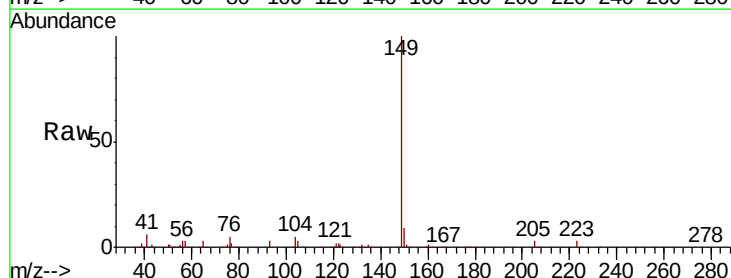
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 43.155 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117421.D
 Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.0	10.6
104	4.9	4.2	6.2

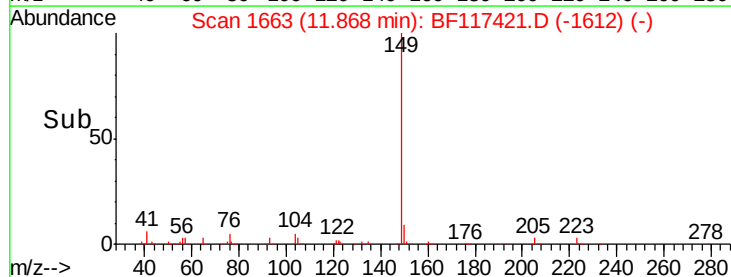
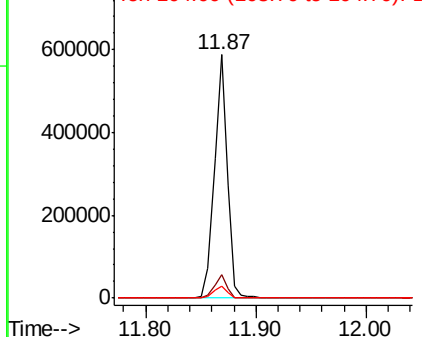


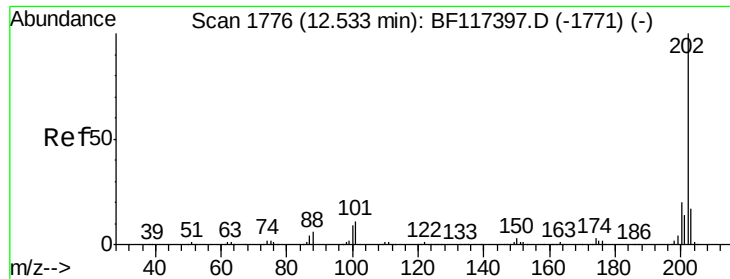
Abundance

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

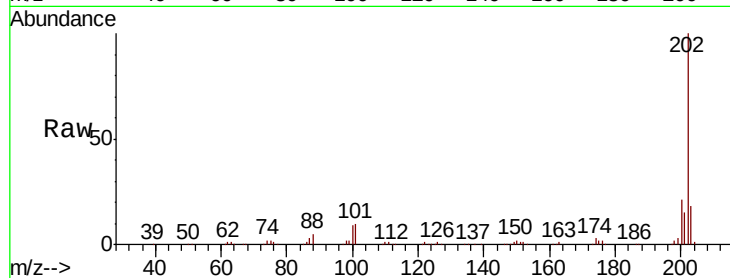




#75
Fluoranthene
Concen: 45.268 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.3
203	17.6	0.0	36.9

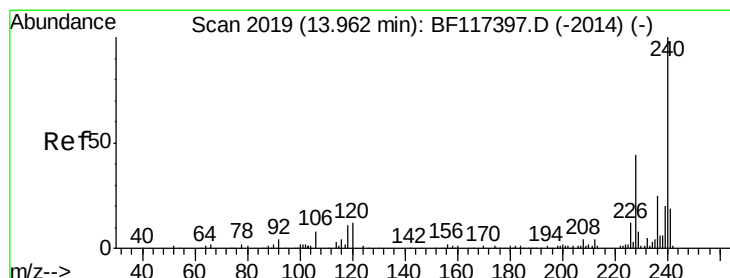
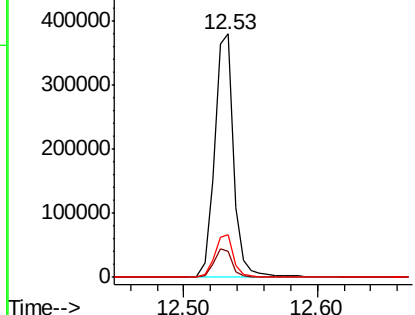
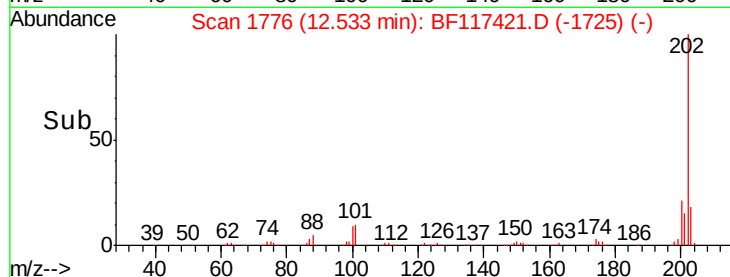


Abundance

Ion 202.00 (201.70 to 202.70): E

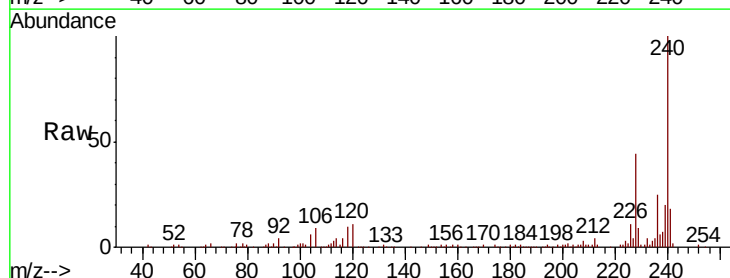
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.0
236	25.1	19.8	29.6

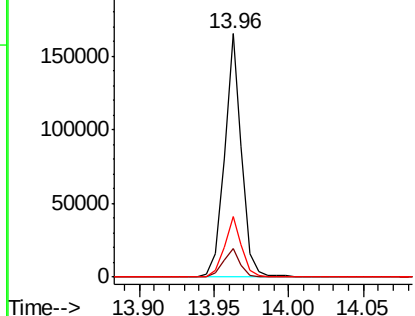
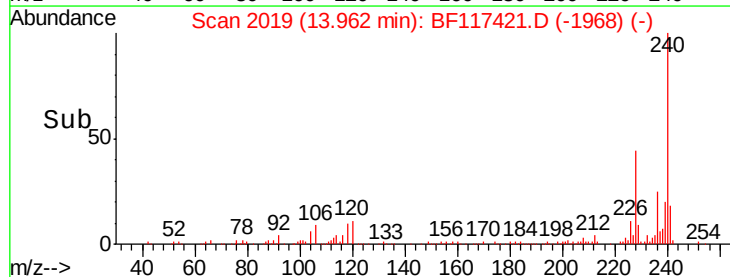


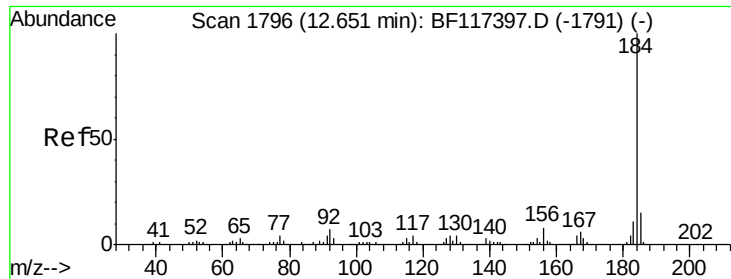
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.516 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampled :

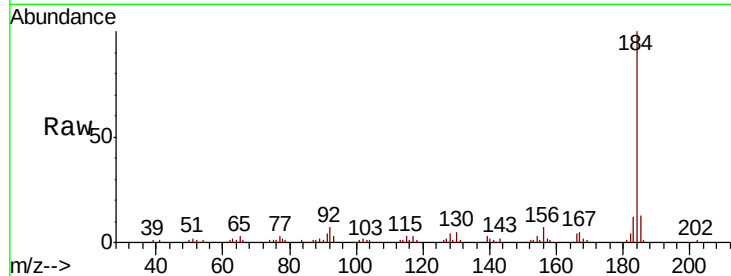
Tot Ion:184 Resp: 136639

Ion Ratio Lower Upper

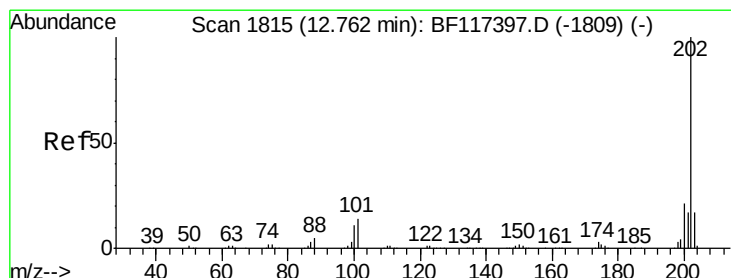
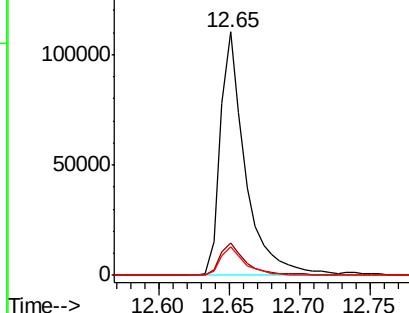
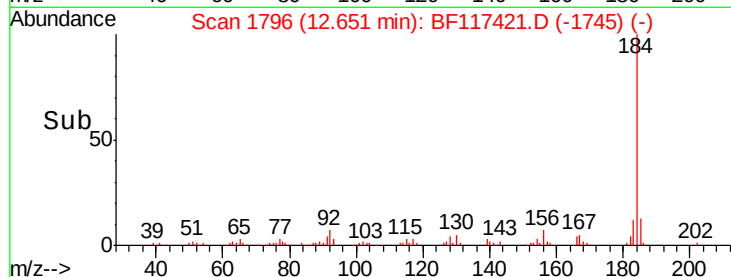
184 100

185 13.4 12.2 18.2

183 11.7 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
150000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.007 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

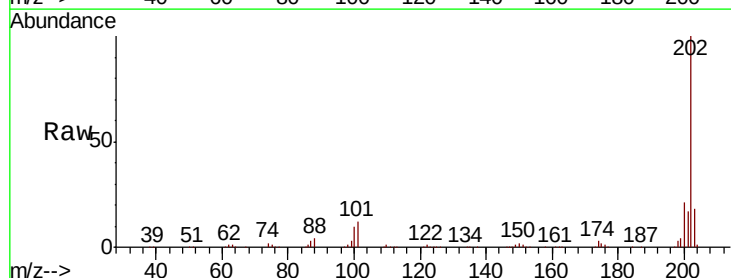
Tgt Ion:202 Resp: 400026

Ion Ratio Lower Upper

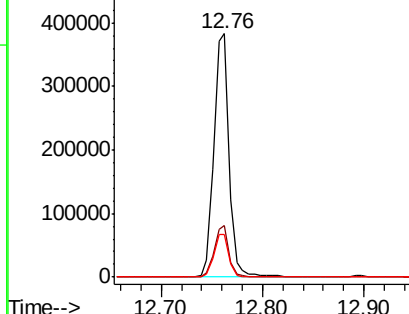
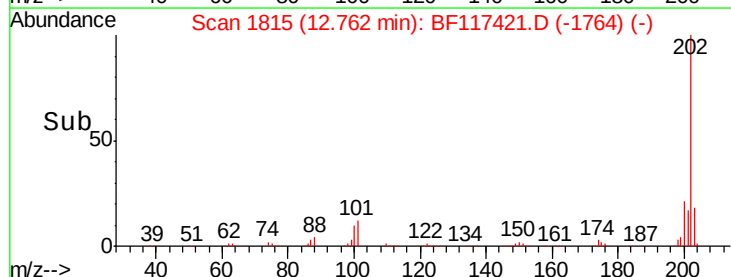
202 100

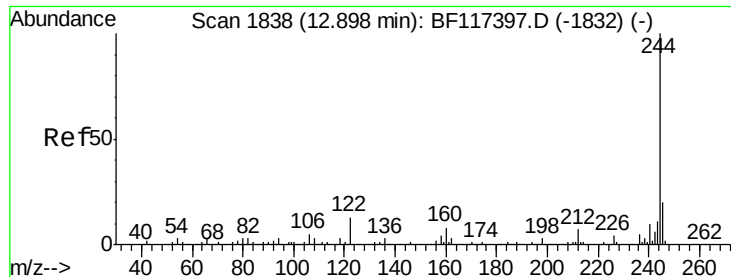
200 21.0 16.8 25.2

203 17.7 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.283 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

Instrument :

BNA_F

ClientSampleId :

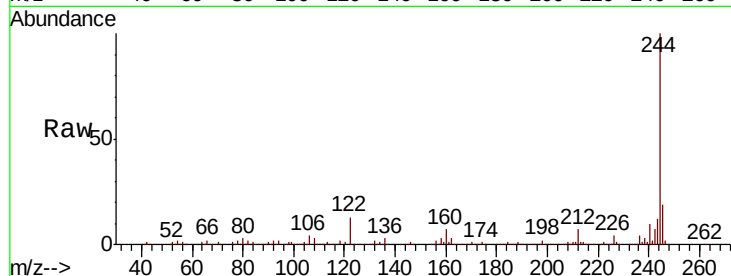
Tot Ion:244 Resp: 557414

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

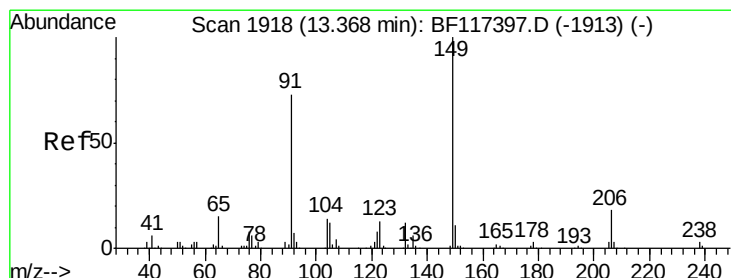
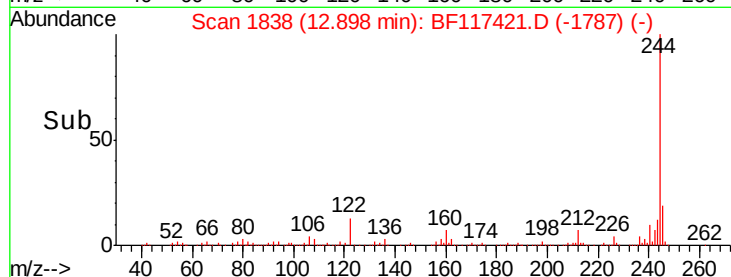
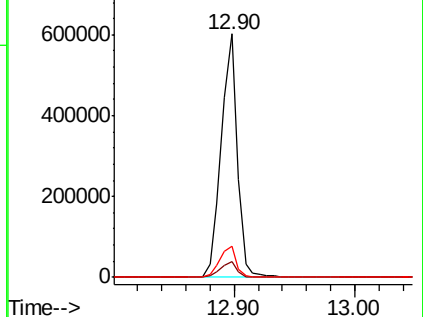
122 12.6 10.7 16.1



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: 36.563 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF117421.D

Acq: 16 Oct 2019 18:39

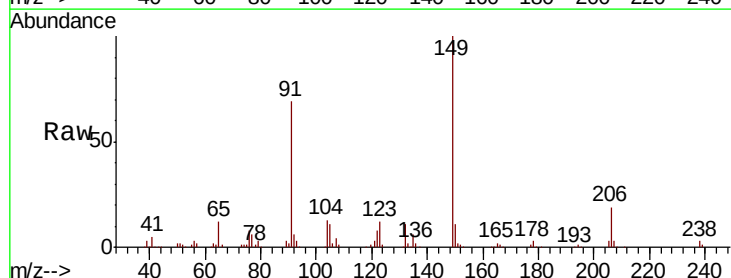
Tgt Ion:149 Resp: 216272

Ion Ratio Lower Upper

149 100

91 68.6 58.5 87.7

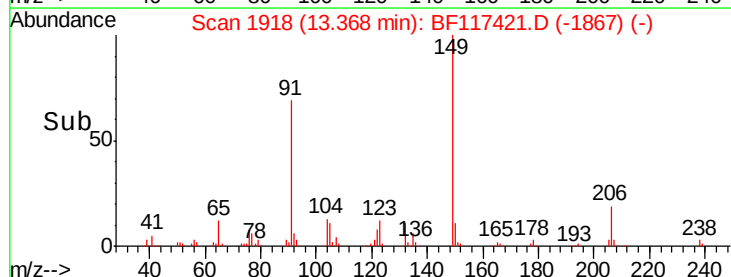
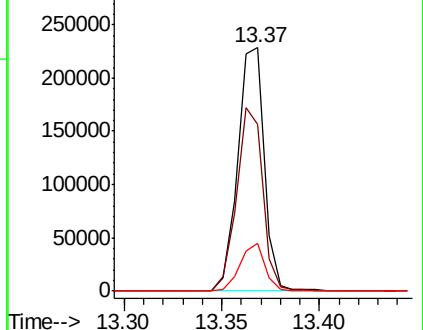
206 19.5 14.4 21.6

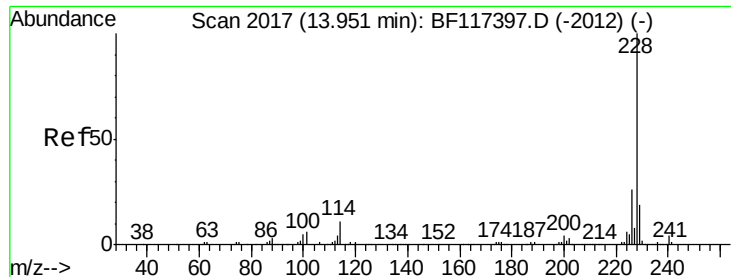


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

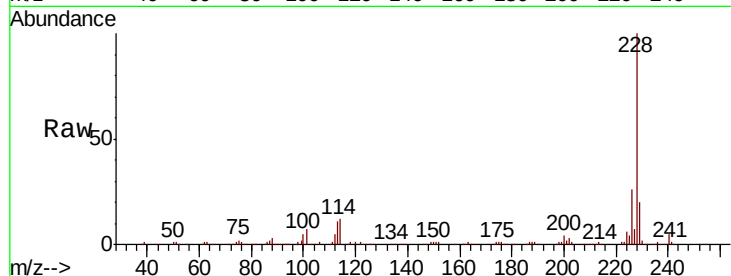




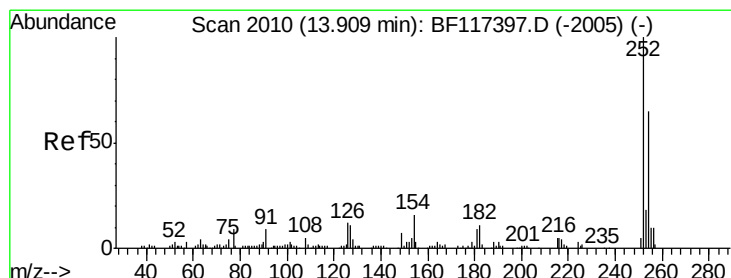
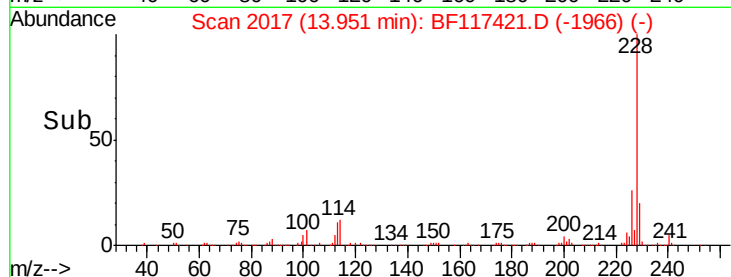
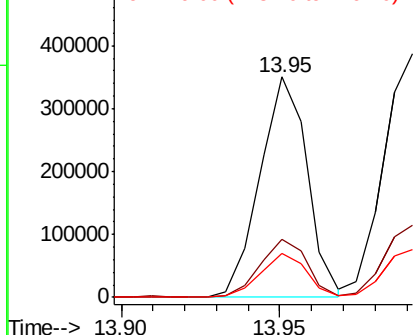
#81
Benzo(a)anthracene
Concen: 39.762 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 363061
Ion Ratio Lower Upper
228 100
226 26.4 20.9 31.3
229 19.9 15.2 22.8

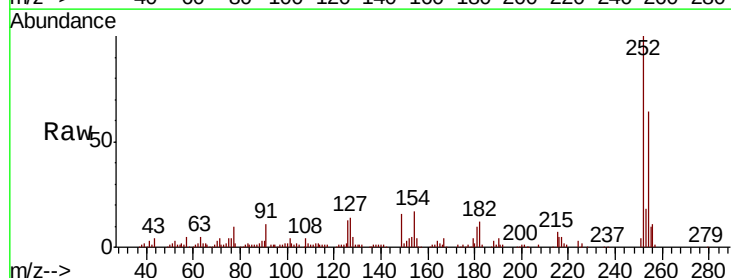


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

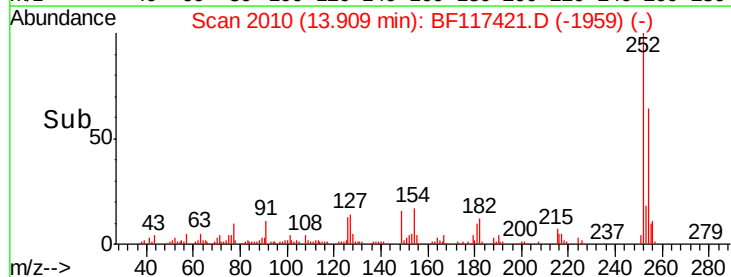
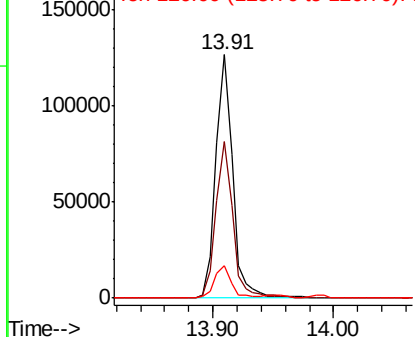


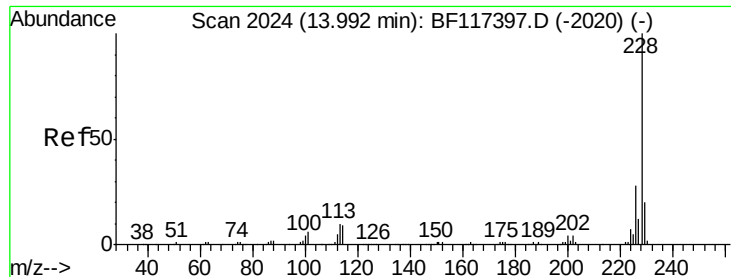
#82
3,3'-Dichlorobenzidine
Concen: 42.157 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:252 Resp: 121703
Ion Ratio Lower Upper
252 100
254 64.4 51.6 77.4
126 13.4 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

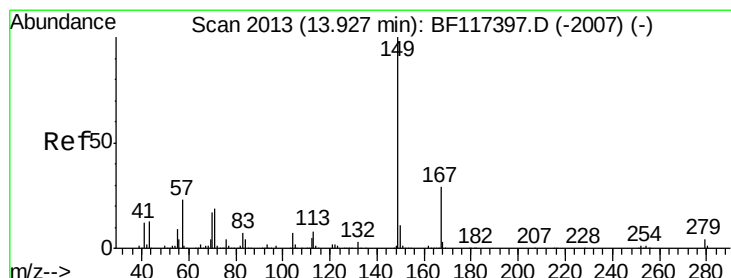
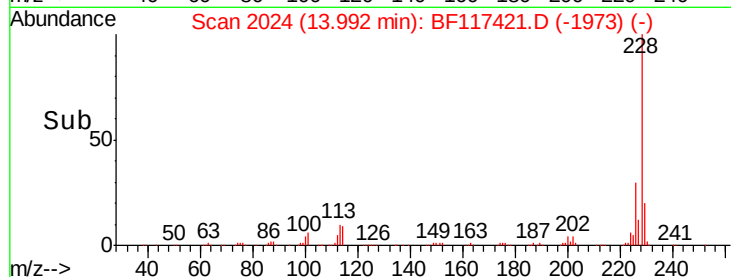
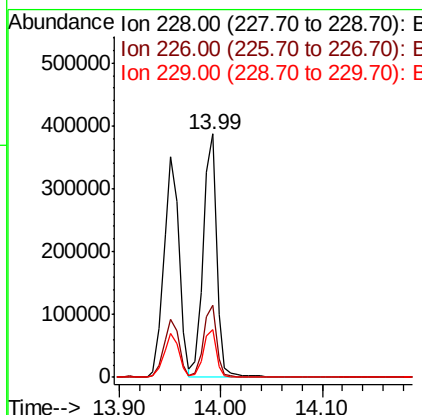
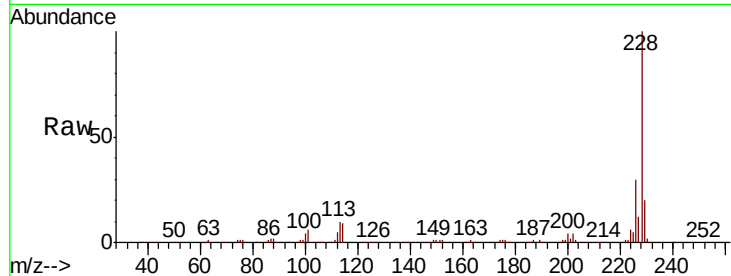




#83
Chrysene
Concen: 39.611 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

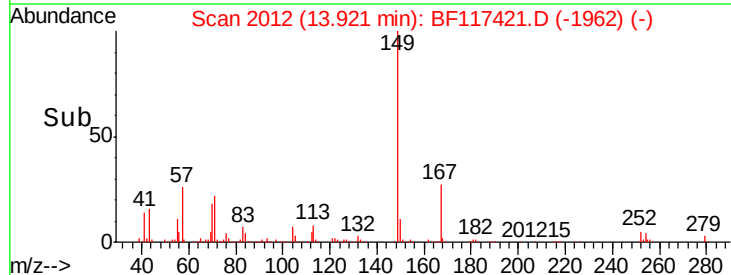
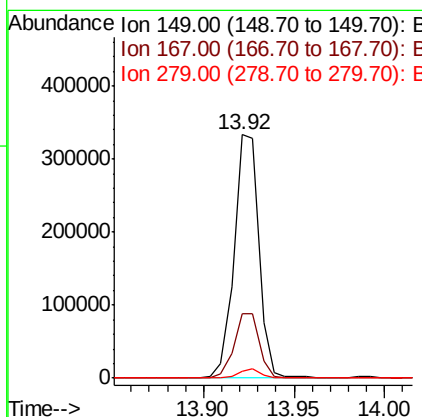
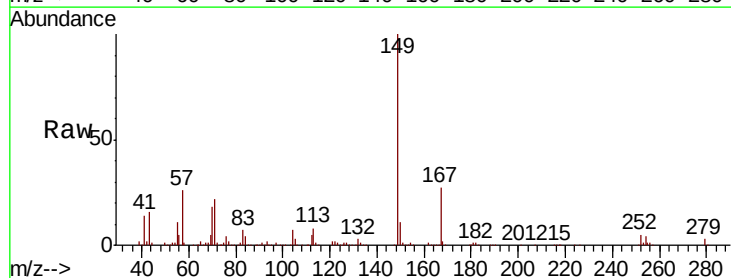
Instrument :
BNA_F
ClientSampleId :

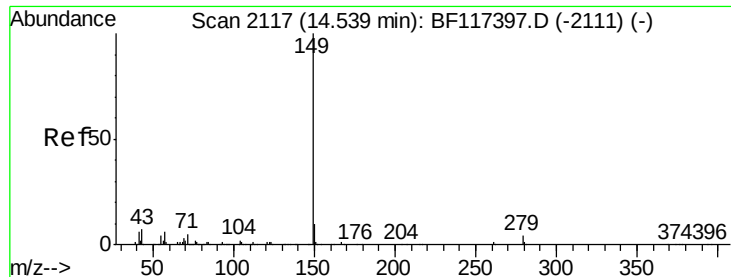
Tot Ion:228 Resp: 356678
Ion Ratio Lower Upper
228 100
226 29.7 22.8 34.2
229 19.5 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.182 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:149 Resp: 318437
Ion Ratio Lower Upper
149 100
167 26.6 23.0 34.6
279 3.0 3.0 4.6#

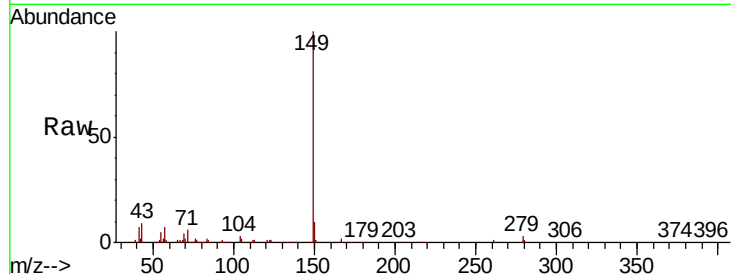




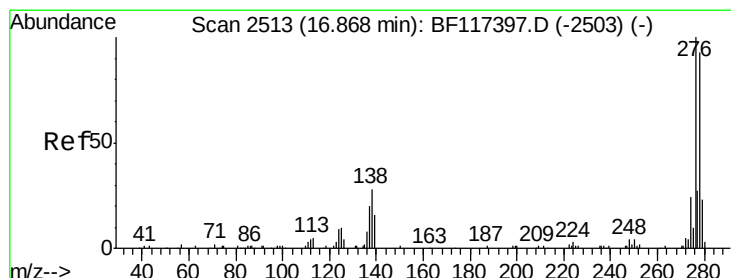
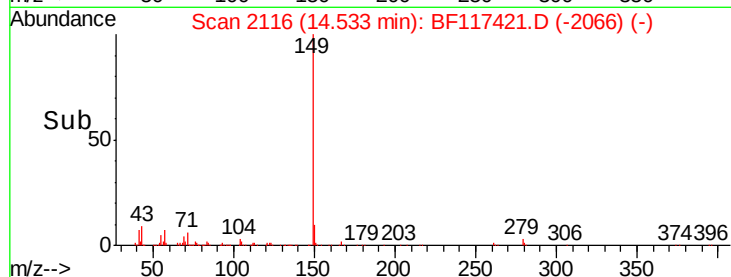
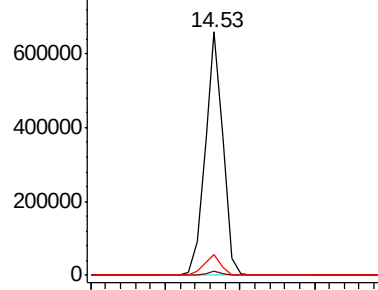
#85
Di-n-octyl phthalate
Concen: 43.519 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	8.4	6.6	9.8

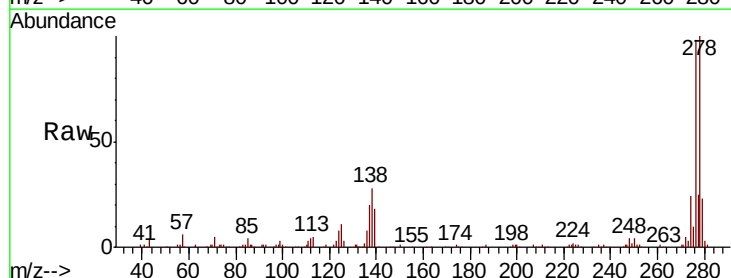


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

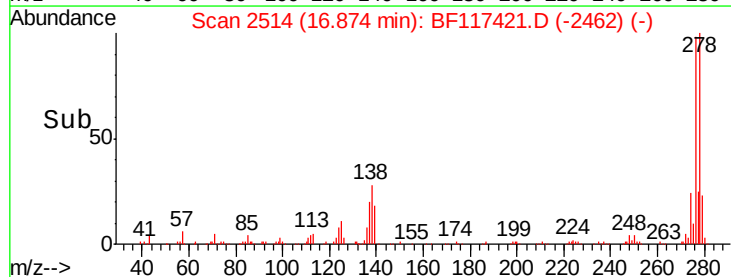
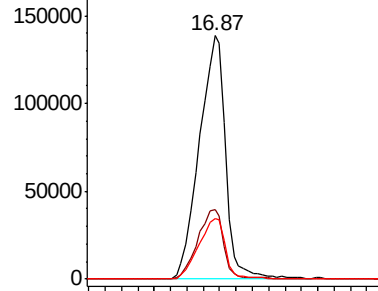


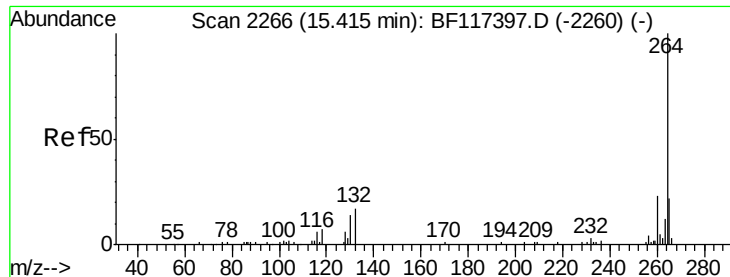
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.589 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.5	32.3
277	25.2	20.1	30.1



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



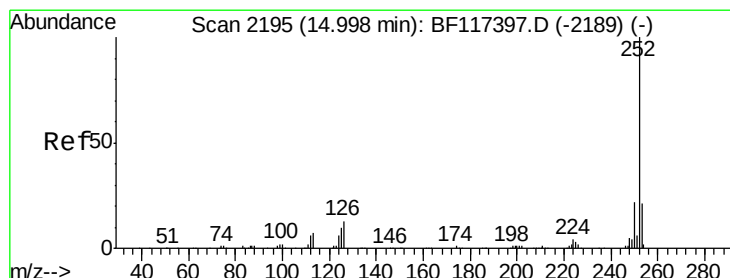
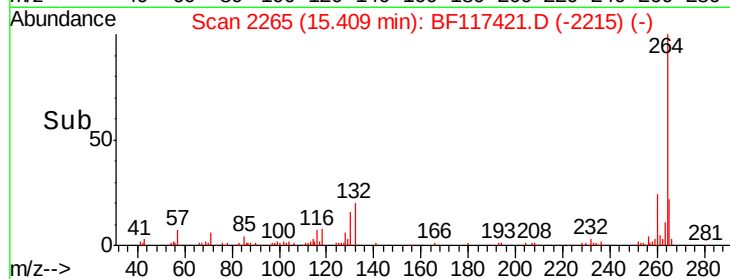
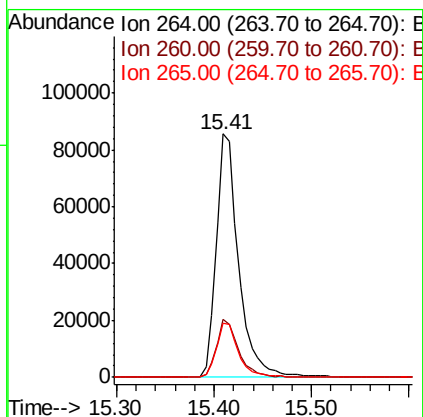
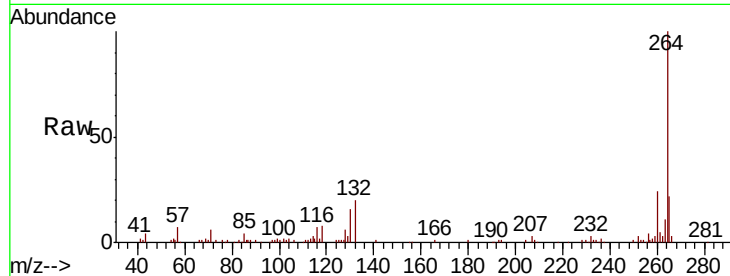


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 136572

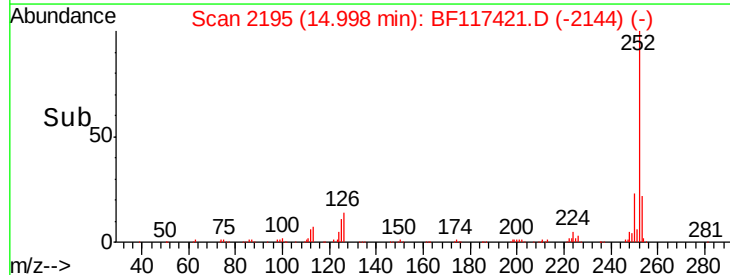
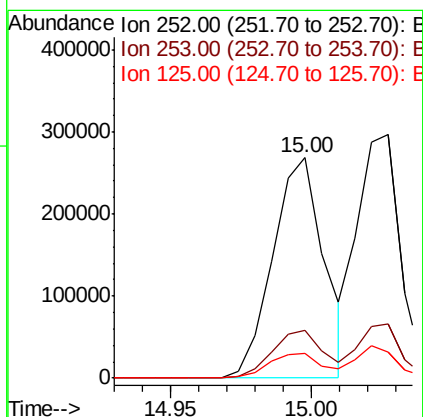
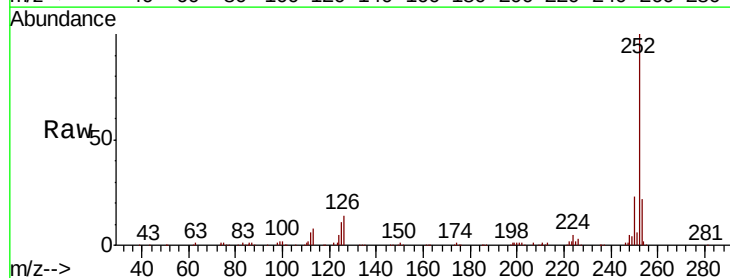
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.1	17.4	26.0

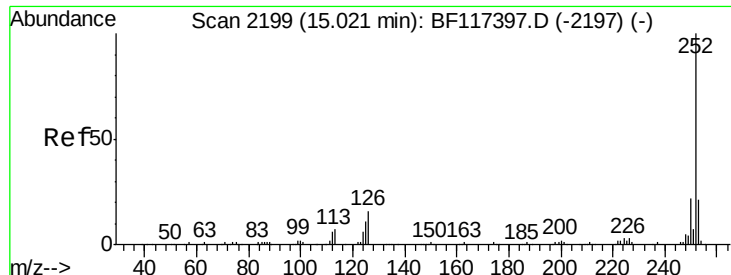


#88
Benzo(b)fluoranthene
Concen: 39.846 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:252 Resp: 338782

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.4	8.2	12.2

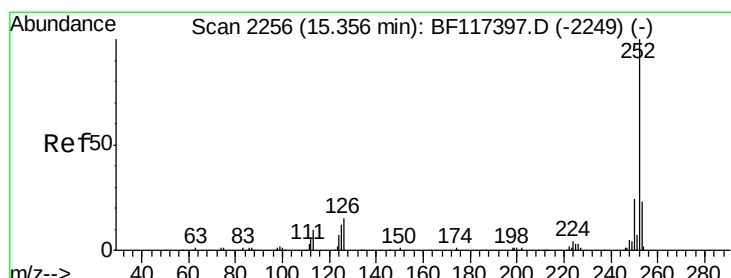
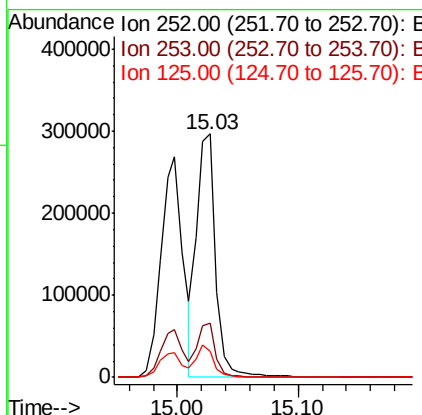
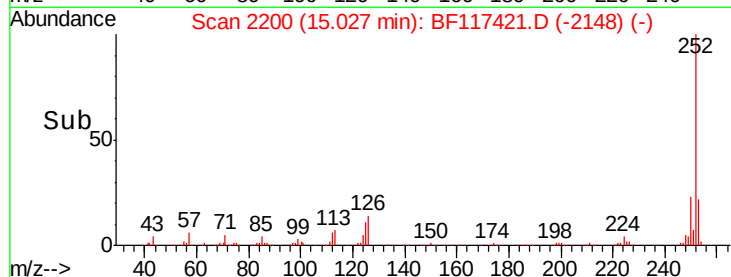
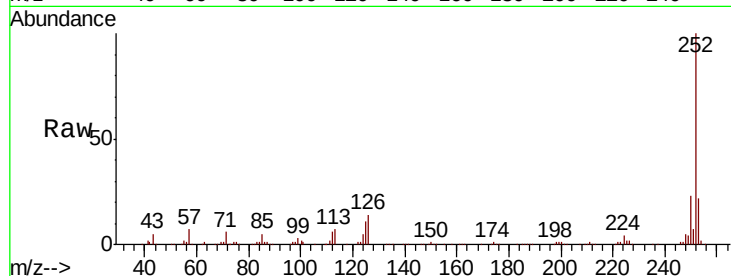




#89
Benzo(k)fluoranthene
Concen: 38.350 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

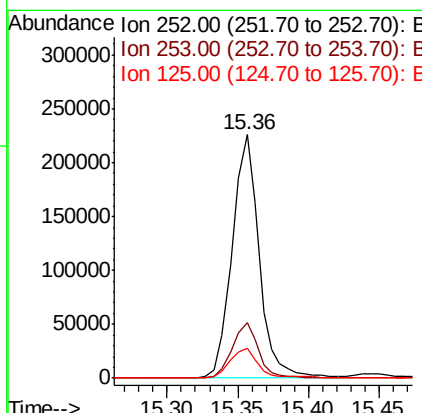
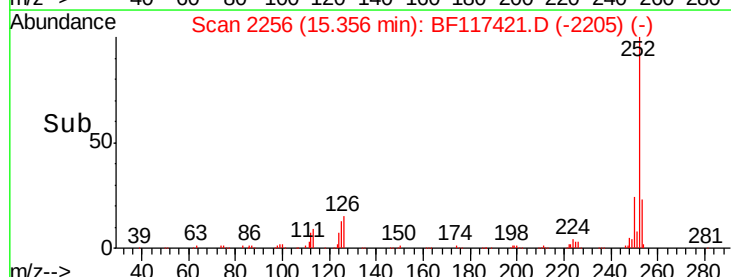
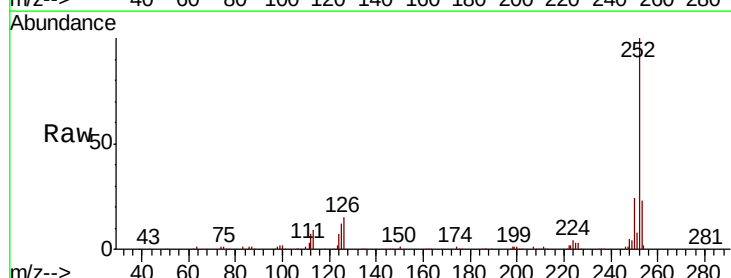
Instrument :
BNA_F
ClientSampleId :

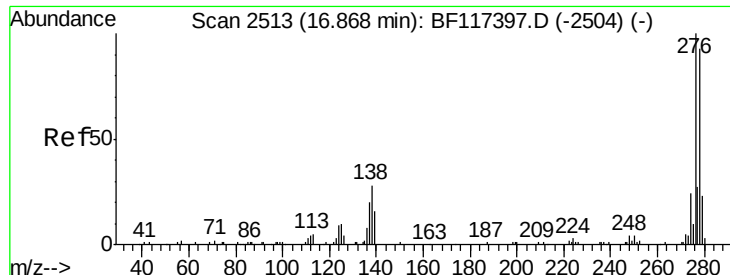
Tot Ion:252 Resp: 324035
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.8 9.4 14.2



#90
Benzo(a)pyrene
Concen: 40.192 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion:252 Resp: 302604
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 12.5 9.4 14.0

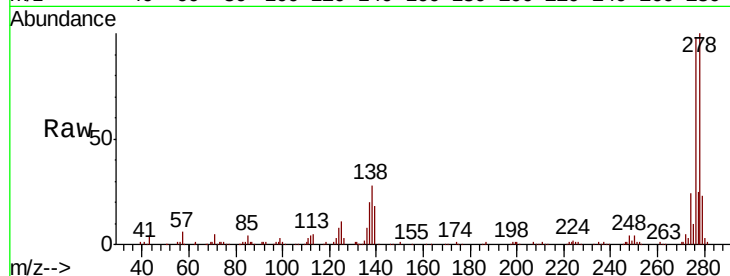




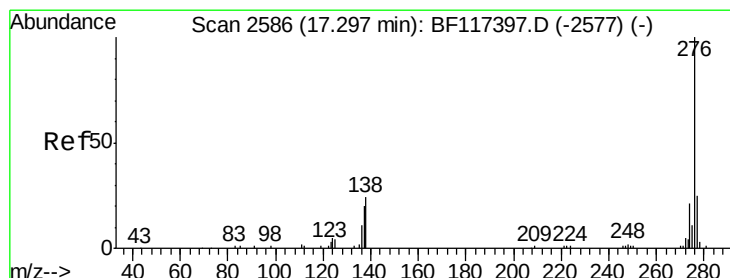
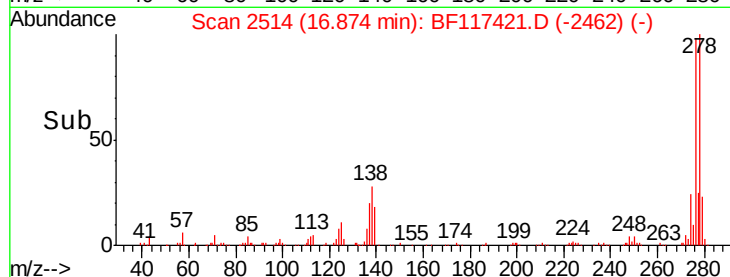
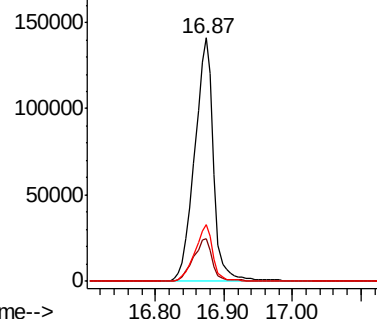
#91
Dibenzo(a,h)anthracene
Concen: 41.819 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	23.5	19.8	29.6

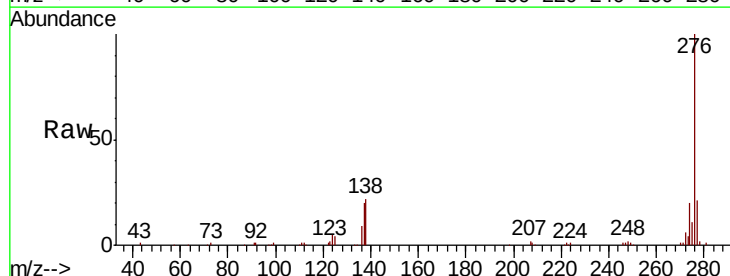


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.041 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117421.D
Acq: 16 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.5	19.9	29.9
138	21.7	19.3	28.9



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

