

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117398.D
 Acq On : 14 Oct 2019 13:29
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 14:26:14 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 14:19:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	51933	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	222638	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	114191	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	180753	20.00	ng	0.00
76) Chrysene-d12	13.96	240	121436	20.00	ng	0.00
87) Perylene-d12	15.42	264	98668	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	333942	100.39	ng	0.00
7) Phenol-d6	6.45	99	441137	102.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	424018	100.07	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	90695	95.03	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	751814	102.94	ng	0.00
79) Terphenyl-d14	12.90	244	720529	110.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	68330	49.091	ng	99
3) Pyridine	3.25	79	181011	47.512	ng	98
4) n-Nitrosodimethylamine	3.22	42	64842	49.595	ng	91
6) Aniline	6.46	93	275590	49.792	ng	91
8) 2-Chlorophenol	6.59	128	186136	51.870	ng	96
9) Benzaldehyde	6.35	77	105940	45.132	ng	98
10) Phenol	6.46	94	240187	50.682	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	184299	52.912	ng	99
12) 1,3-Dichlorobenzene	6.73	146	205827	51.114	ng	98
13) 1,4-Dichlorobenzene	6.81	146	204707	49.814	ng	97
14) 1,2-Dichlorobenzene	6.96	146	199515	52.147	ng	98
15) Benzyl Alcohol	6.95	79	167394	50.778	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	188774	54.857	ng	94
17) 2-Methylphenol	7.06	107	156039	51.883	ng	95
18) Hexachloroethane	7.30	117	81560	51.591	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	138726	52.995	ng	97
20) 3+4-Methylphenols	7.22	107	195842	52.278	ng	# 86
22) Acetophenone	7.21	105	284558	50.306	ng	# 97
24) Nitrobenzene	7.38	77	211846	50.626	ng	96
25) Isophorone	7.62	82	378862	50.498	ng	97
26) 2-Nitrophenol	7.70	139	96285	53.569	ng	98
27) 2,4-Dimethylphenol	7.74	122	142993	50.168	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	235246	50.893	ng	97
29) 2,4-Dichlorophenol	7.95	162	151469	50.716	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	160345	49.694	ng	97
31) Naphthalene	8.10	128	543838	50.790	ng	99
32) Benzoic acid	7.91	122	97312	48.543	ng	95
33) 4-Chloroaniline	8.15	127	233899	49.251	ng	99
34) Hexachlorobutadiene	8.22	225	91376	49.915	ng	99
35) Caprolactam	8.54	113	40119	39.687	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	169207	48.589	ng	98
37) 2-Methylnaphthalene	8.79	142	360979	50.064	ng	97
38) 1-Methylnaphthalene	8.89	142	341926	50.633	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	147821	50.131	ng	99

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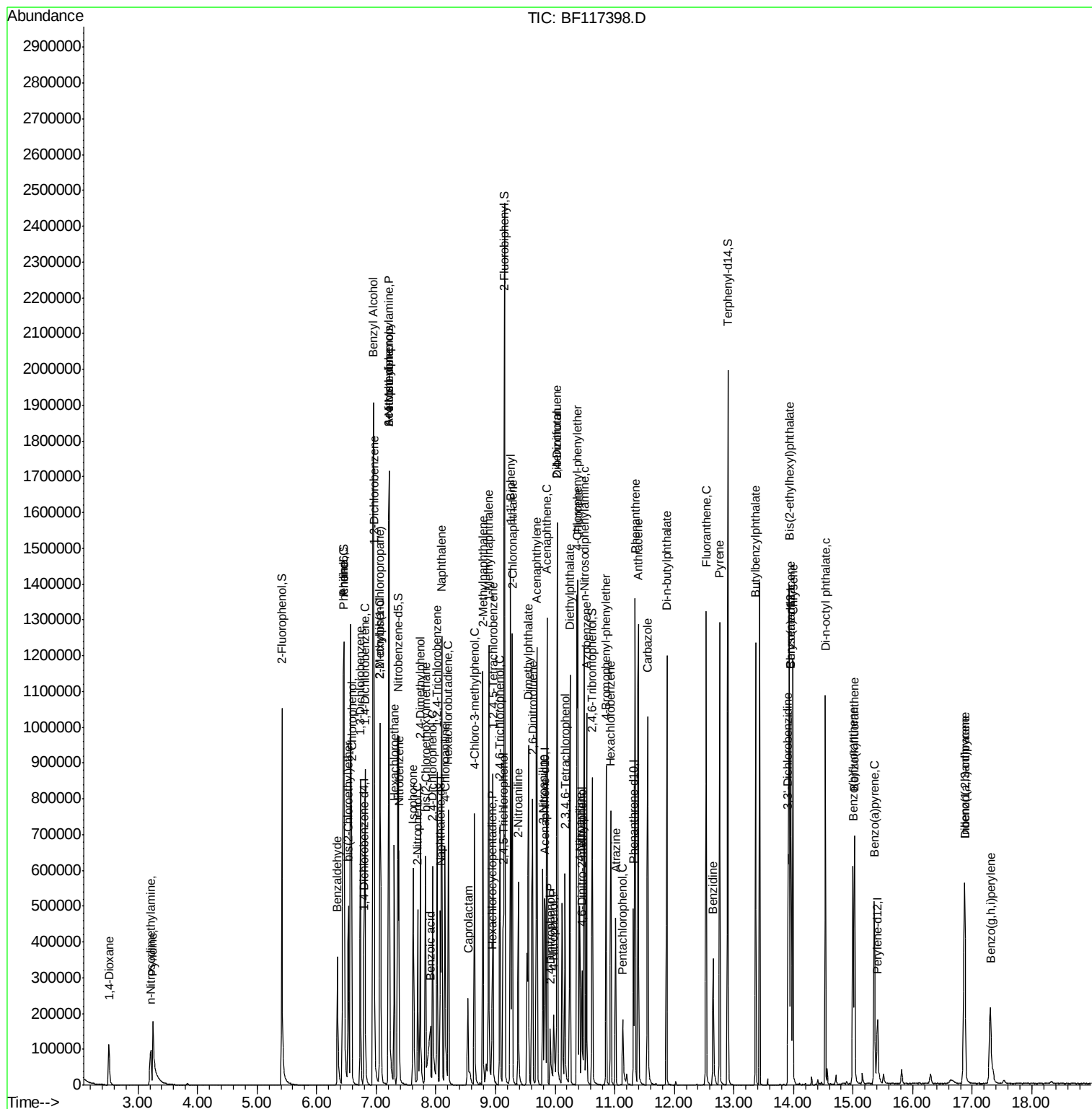
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	28980	26.129	nq	94
43) 2,4,6-Trichlorophenol	9.07	196	94701	47.325	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	95977	44.891	nq	98
46) 1,1'-Biphenyl	9.25	154	455800	50.887	nq	98
47) 2-Chloronaphthalene	9.28	162	350621	49.599	nq	99
48) 2-Nitroaniline	9.38	65	114120	50.330	nq	95
49) Acenaphthylene	9.69	152	518262	48.939	nq	98
50) Dimethylphthalate	9.55	163	391047	48.365	nq	99
51) 2,6-Dinitrotoluene	9.63	165	83265	50.564	nq	# 85
52) Acenaphthene	9.86	154	311901	49.685	nq	99
53) 3-Nitroaniline	9.80	138	101262	48.739	nq	91
54) 2,4-Dinitrophenol	9.92	184	36662	62.897	nq	95
55) Dibenzofuran	10.04	168	452731	48.880	nq	96
56) 4-Nitrophenol	9.97	139	44124	32.768	nq	90
57) 2,4-Dinitrotoluene	10.03	165	112174	52.478	nq	94
58) Fluorene	10.38	166	378111	50.679	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	74706	45.661	nq	99
60) Diethylphthalate	10.25	149	399224	50.188	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	170102	52.695	nq	97
62) 4-Nitroaniline	10.42	138	94669	43.815	nq	99
63) Azobenzene	10.53	77	406428	50.027	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	45027	59.353	nq	92
66) n-Nitrosodiphenylamine	10.49	169	322093	51.597	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	96731	52.403	nq	97
68) Hexachlorobenzene	10.94	284	102705	50.869	nq	# 87
69) Atrazine	11.02	200	54076	35.265	nq	97
70) Pentachlorophenol	11.13	266	31336	33.111	nq	# 86
71) Phenanthrene	11.35	178	514646	50.128	nq	99
72) Anthracene	11.40	178	522341	49.834	nq	100
73) Carbazole	11.55	167	485554	48.804	nq	99
74) Di-n-butylphthalate	11.87	149	654338	55.278	nq	99
75) Fluoranthene	12.53	202	513078	48.638	nq	98
77) Benzidine	12.65	184	161039	41.168	nq	98
78) Pyrene	12.76	202	522034	51.233	nq	99
80) Butylbenzylphthalate	13.37	149	263475	54.724	nq	98
81) Benzo(a)anthracene	13.95	228	407748	50.257	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	120676	46.157	nq	98
83) Chrysene	13.99	228	405646	51.263	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	368503	59.361	nq	97
85) Di-n-octyl phthalate	14.54	149	559032	57.215	nq	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	266115	46.096	nq	99
88) Benzo(b)fluoranthene	15.00	252	306740	51.323	nq	100
89) Benzo(k)fluoranthene	15.02	252	290267	51.270	nq	99
90) Benzo(a)pyrene	15.36	252	263835	50.306	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	223295	53.445	nq	98
92) Benzo(g,h,i)perylene	17.30	276	212700	51.088	nq	95

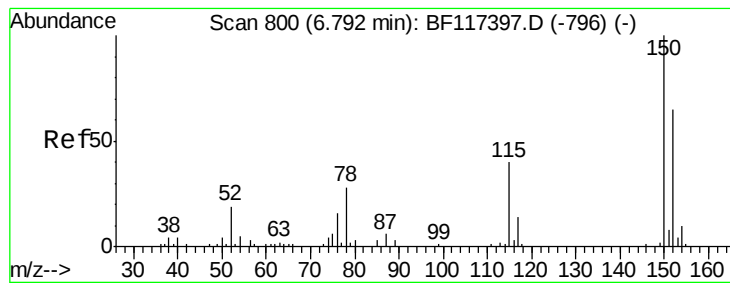
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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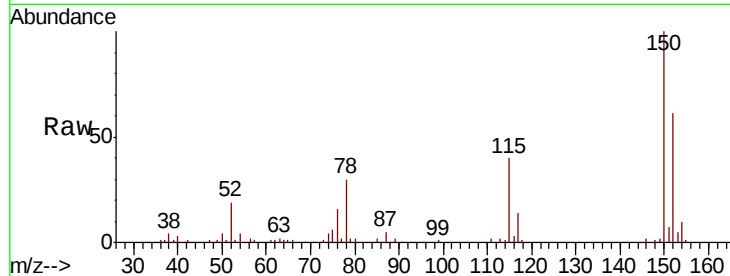


#1

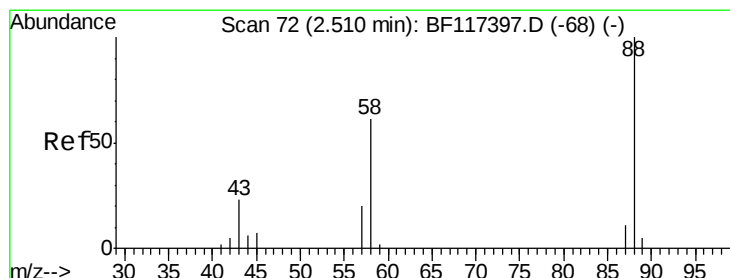
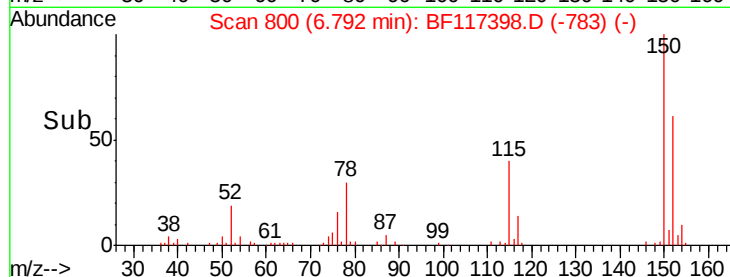
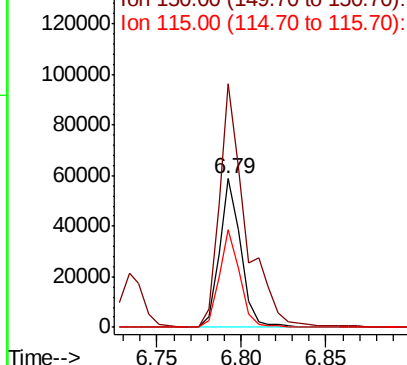
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51933
Ion Ratio Lower Upper
152 100
150 163.9 122.7 184.1
115 66.1 48.6 73.0



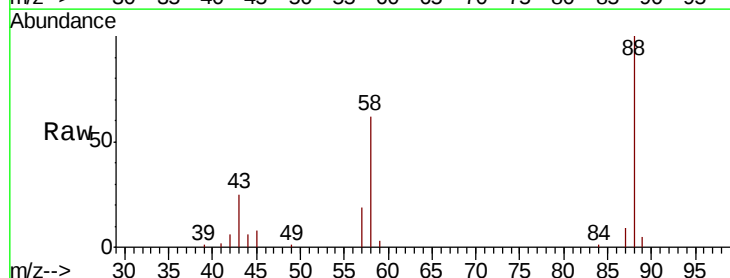
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



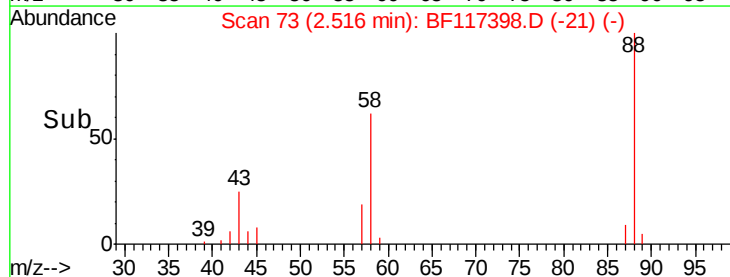
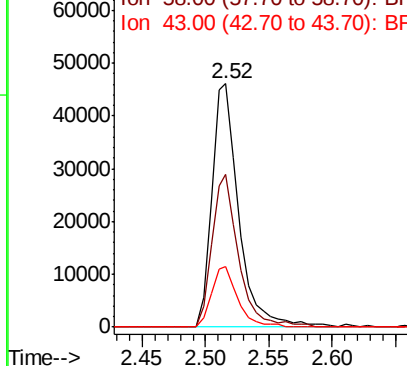
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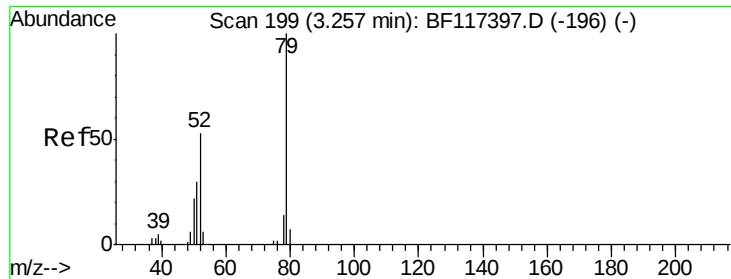
1,4-Dioxane
Concen: 49.091 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion: 88 Resp: 68330
Ion Ratio Lower Upper
88 100
58 61.9 49.4 74.2
43 23.8 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: 47.512 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampled :

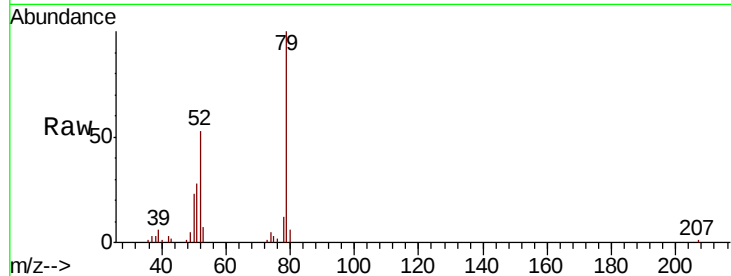
Tot Ion: 79 Resp: 181011

Ion Ratio Lower Upper

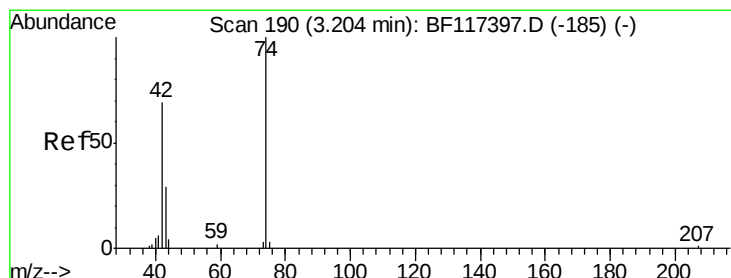
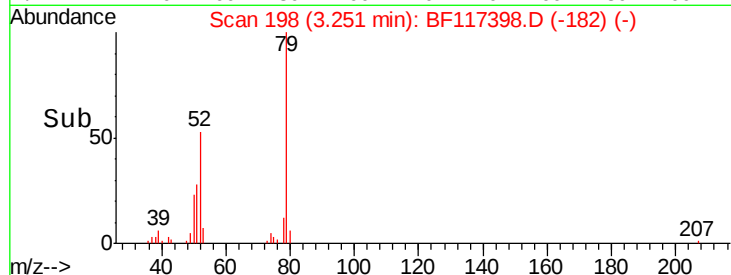
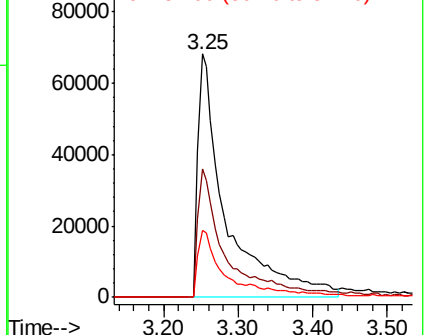
79 100

52 53.0 42.7 64.1

51 27.7 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 49.595 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

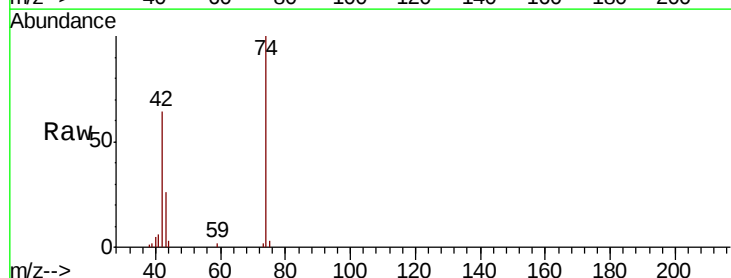
Tgt Ion: 42 Resp: 64842

Ion Ratio Lower Upper

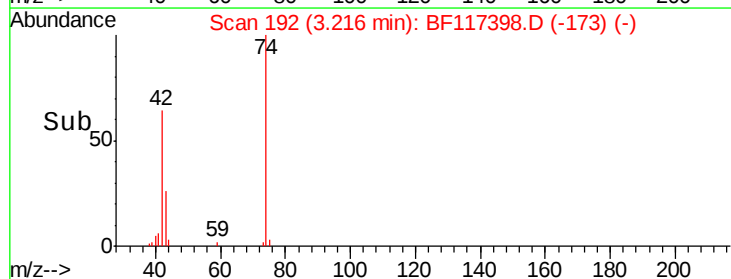
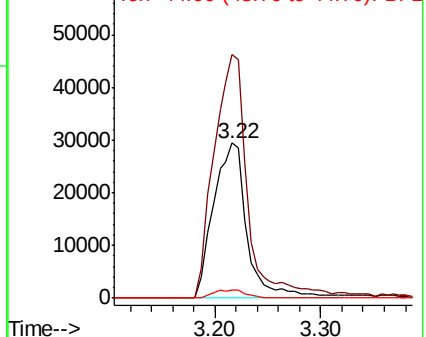
42 100

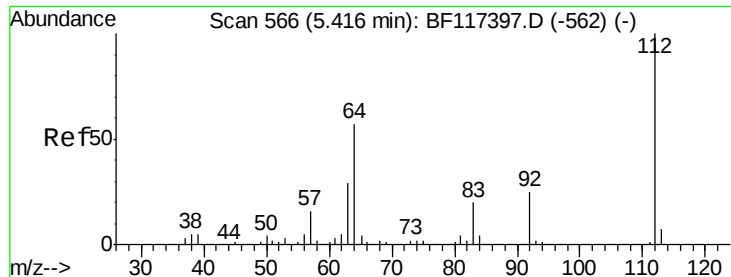
74 157.2 116.2 174.4

44 5.0 4.2 6.4



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





#5

2-Fluorophenol

Concen: 100.392 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

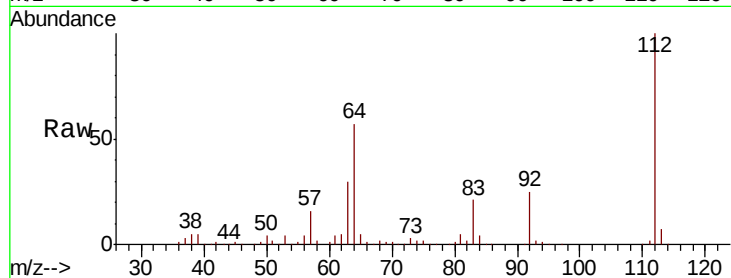
Tot Ion:112 Resp: 333942

Ion Ratio Lower Upper

112 100

64 57.4 45.2 67.8

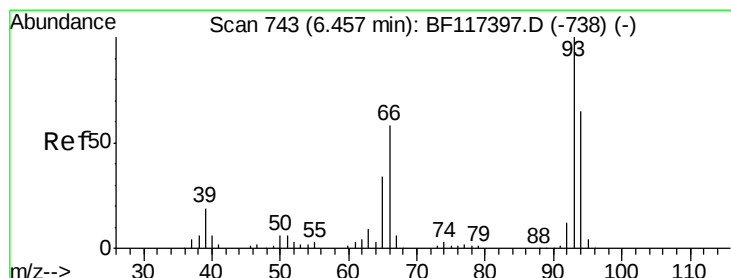
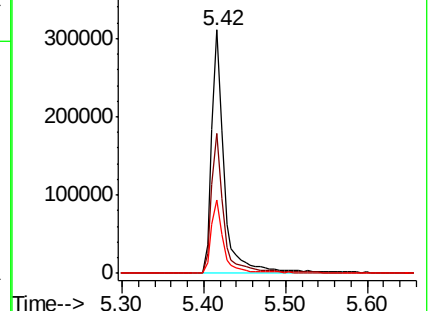
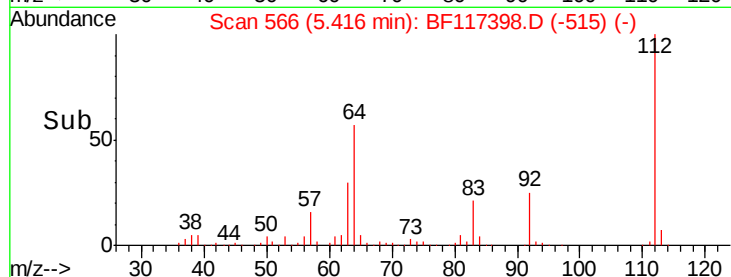
63 30.2 23.4 35.2



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: 49.792 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

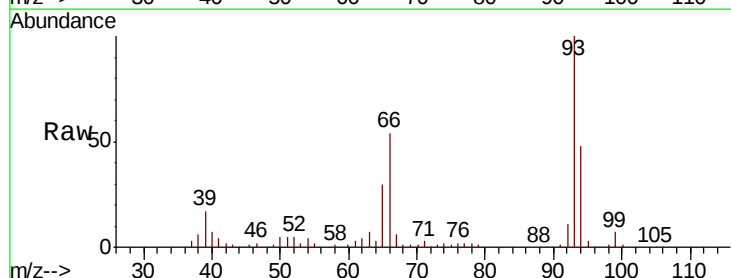
Tgt Ion: 93 Resp: 275590

Ion Ratio Lower Upper

93 100

66 53.6 48.4 72.6

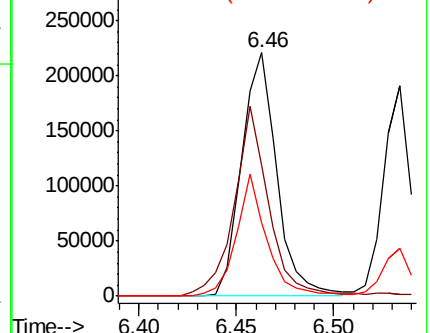
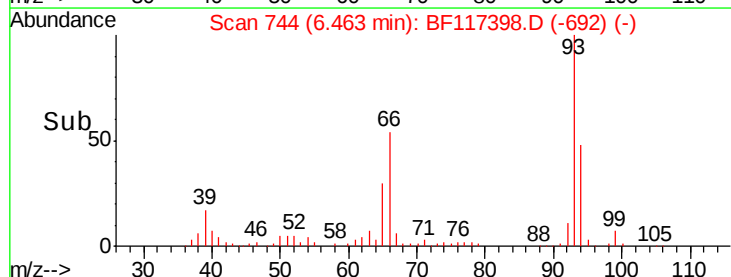
65 30.2 27.8 41.6

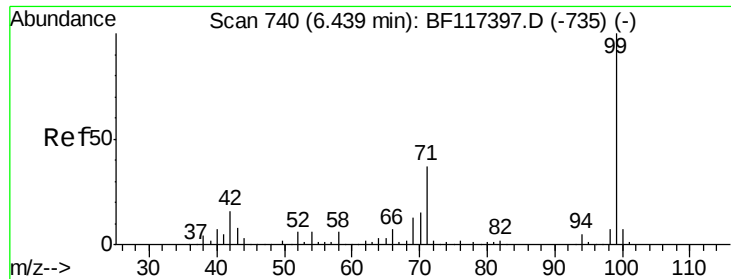


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.617 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF117398.D

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Instrument :

BNA_F

ClientSampled :

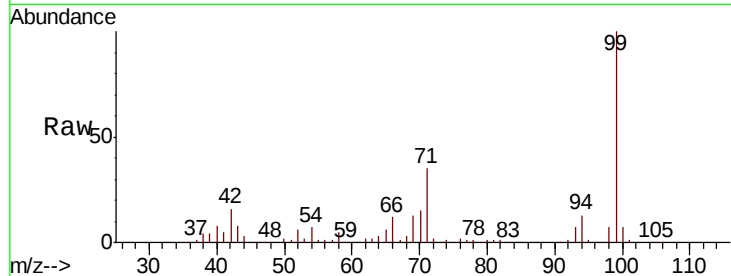
Tot Ion: 99 Resp: 441137

Ion Ratio Lower Upper

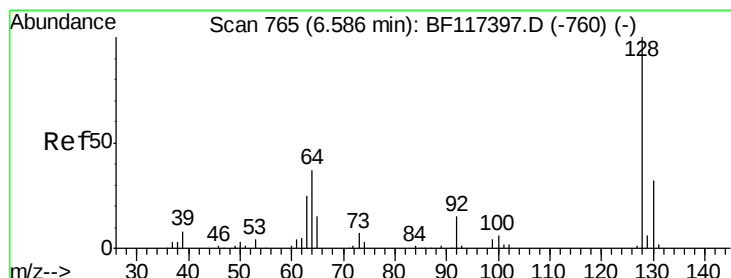
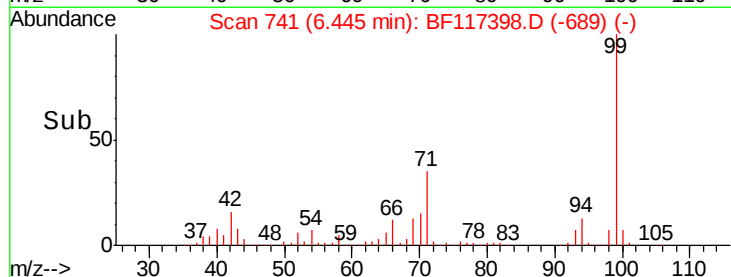
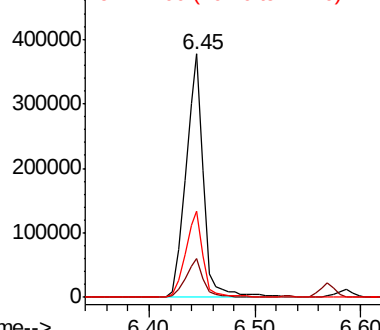
99 100

42 16.0 12.5 18.7

71 35.3 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: 51.870 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

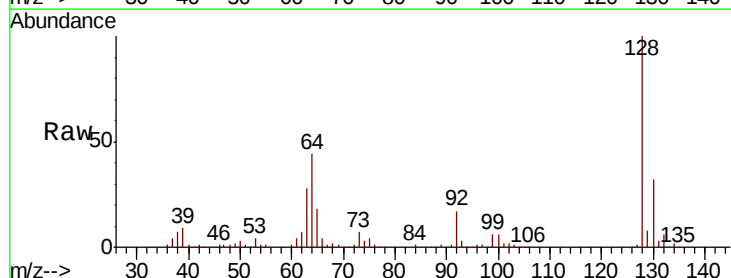
Tgt Ion: 128 Resp: 186136

Ion Ratio Lower Upper

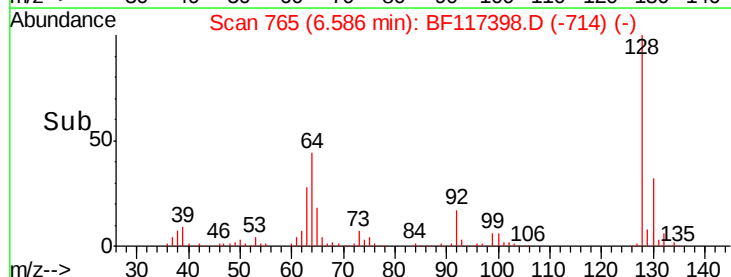
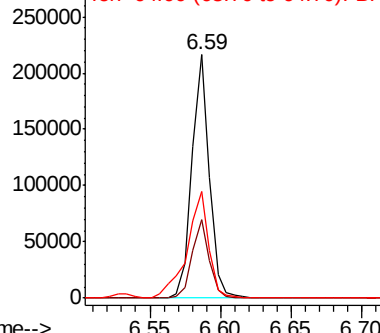
128 100

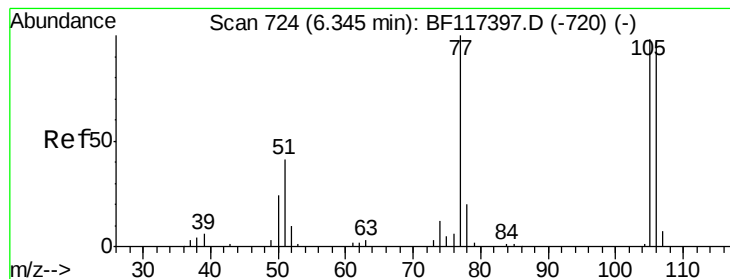
130 32.0 11.7 51.7

64 44.1 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: 45.132 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF117398.D

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Instrument :

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ClientSampled :

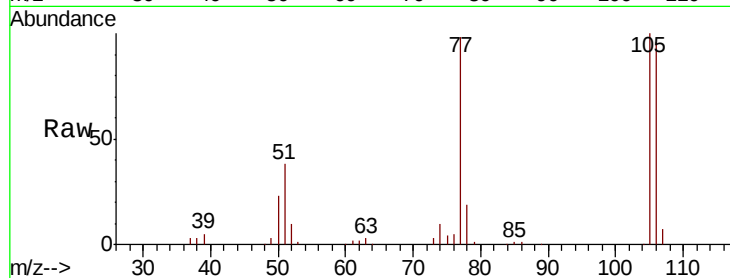
Tot Ion: 77 Resp: 105940

Ion Ratio Lower Upper

77 100

105 102.0 77.9 117.9

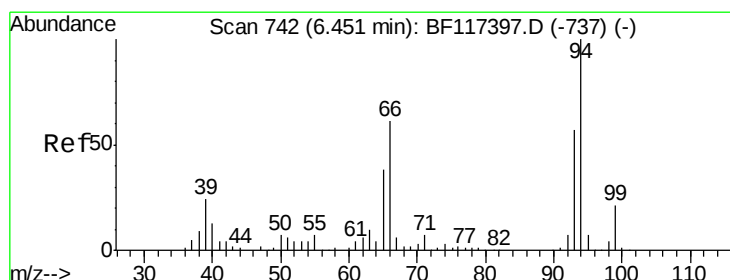
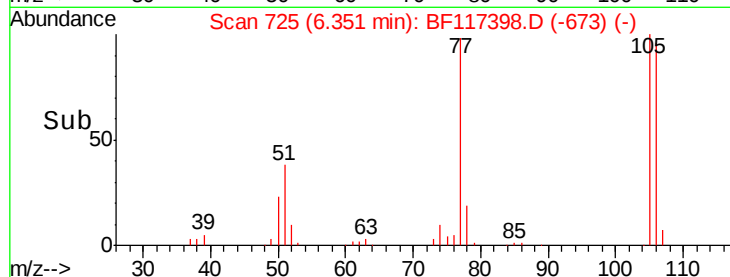
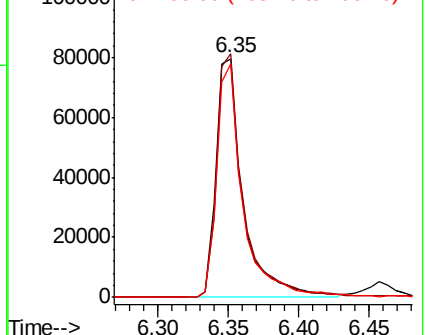
106 97.7 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 50.682 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

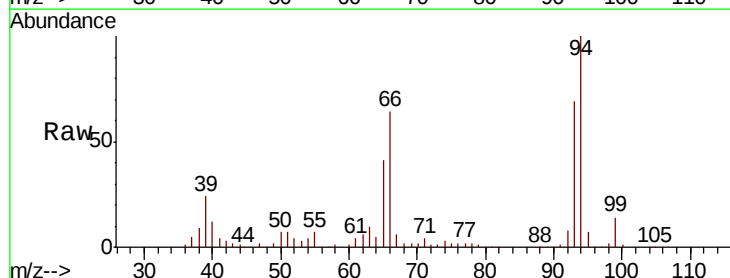
Tgt Ion: 94 Resp: 240187

Ion Ratio Lower Upper

94 100

65 41.1 18.2 58.2

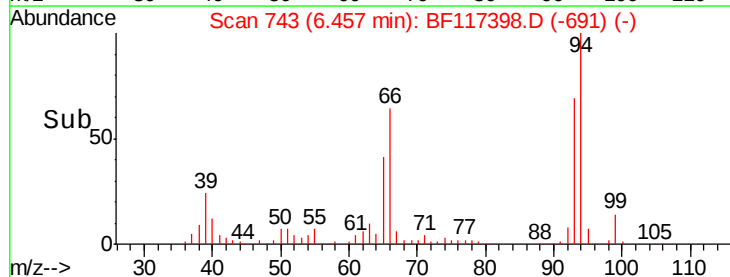
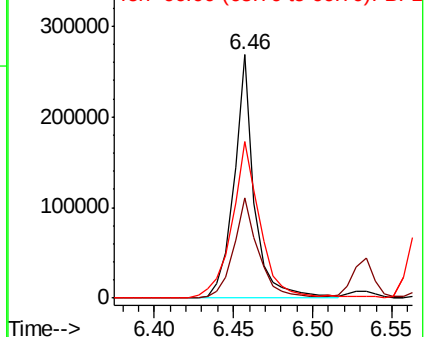
66 64.3 41.1 81.1

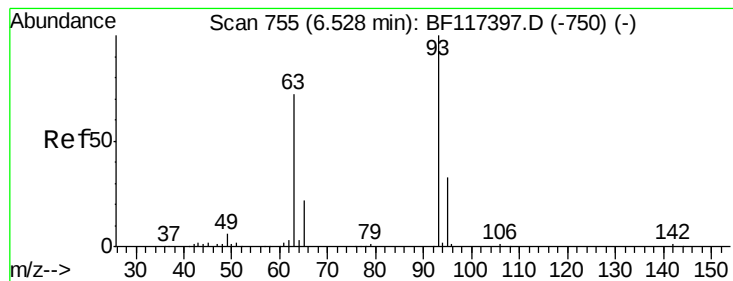


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

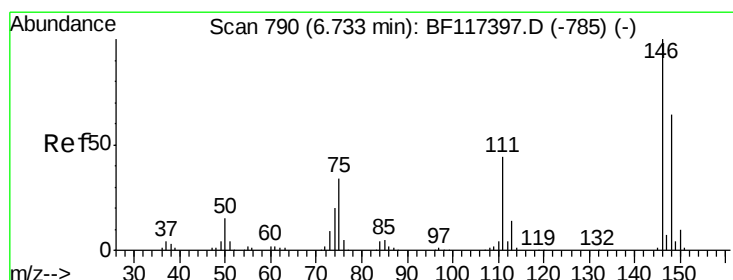
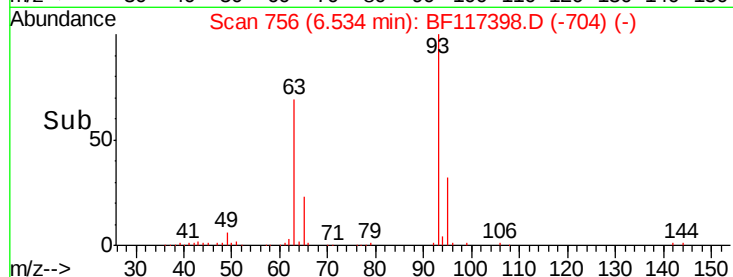
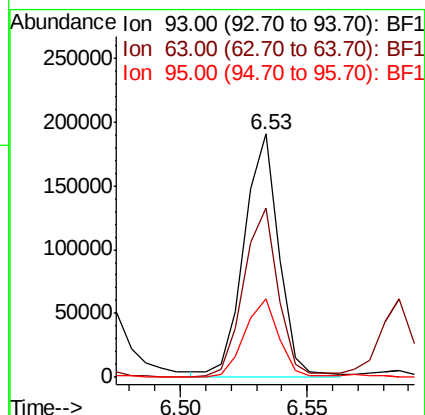
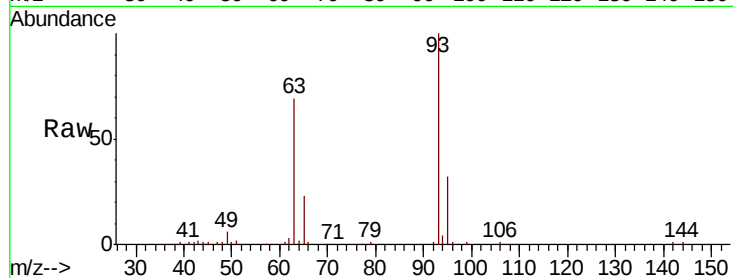




#11
 bis(2-Chloroethyl)ether
 Concen: 52.912 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

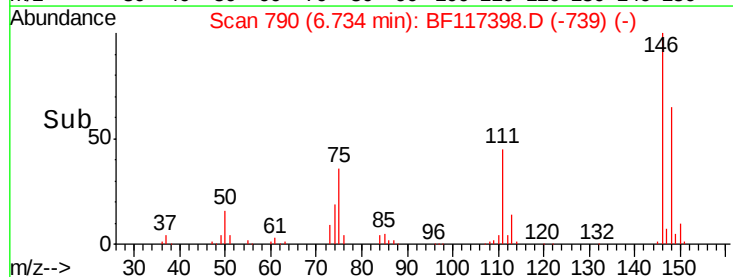
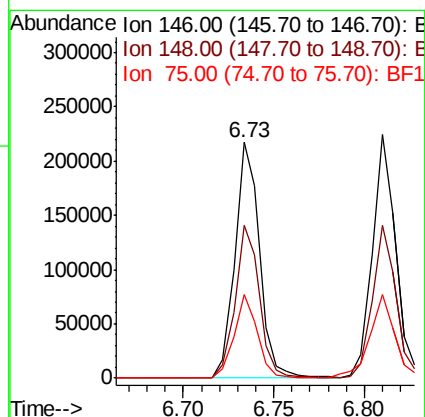
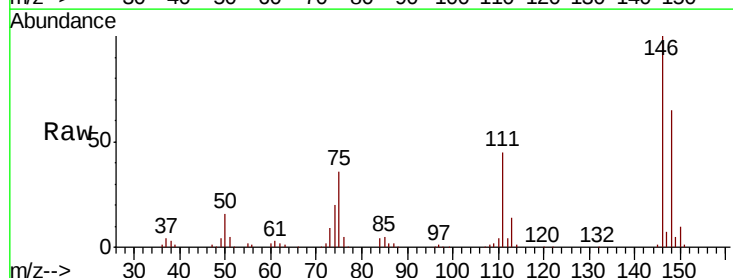
Instrument :
 BNA_F
 ClientSampled :

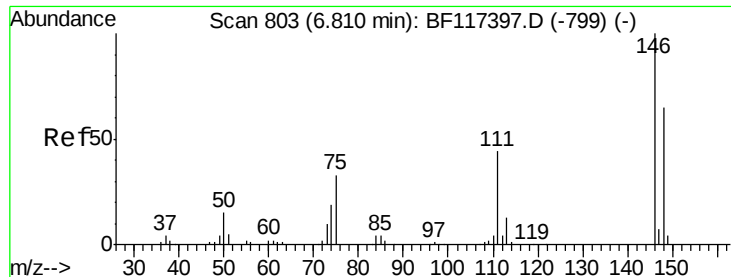
Tot Ion: 93 Resp: 184299
 Ion Ratio Lower Upper
 93 100
 63 69.4 50.9 90.9
 95 32.1 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 51.114 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion: 146 Resp: 205827
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 75 35.6 27.4 41.2

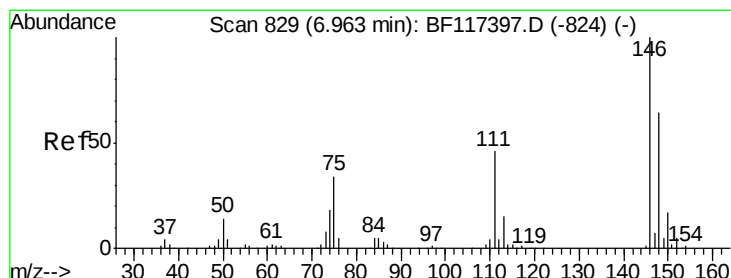
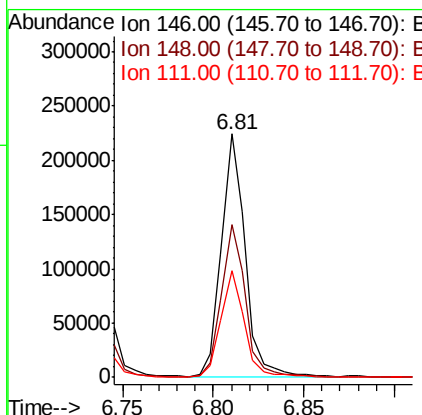
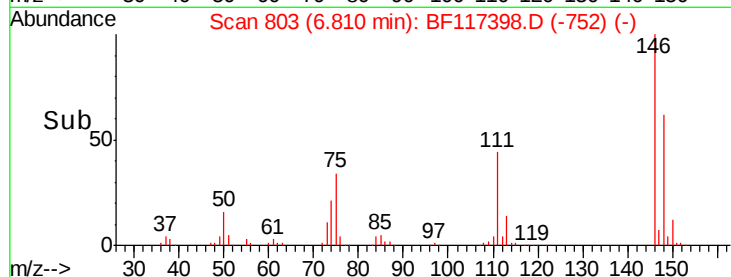
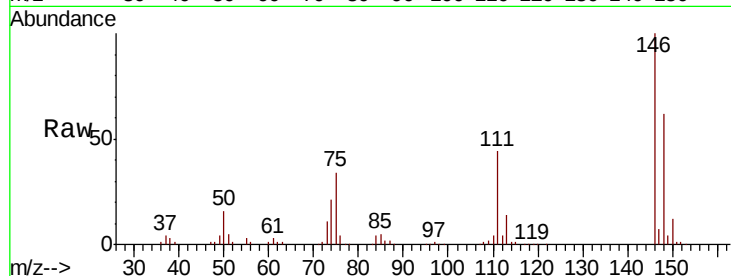




#13
 1,4-Dichlorobenzene
 Concen: 49.814 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

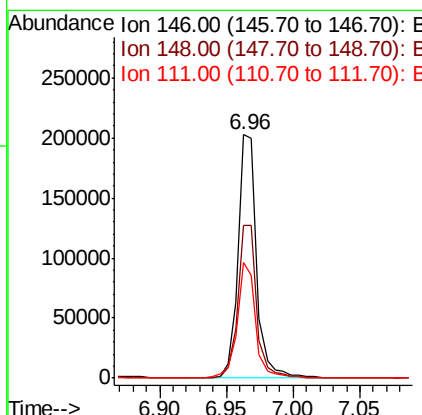
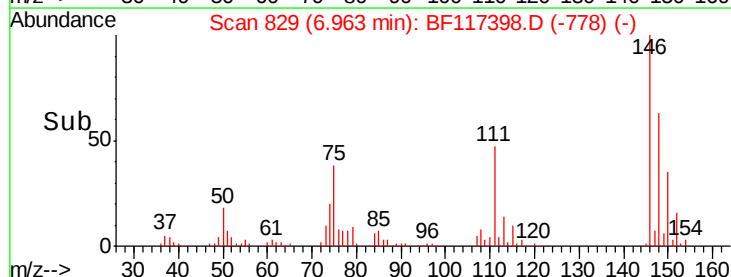
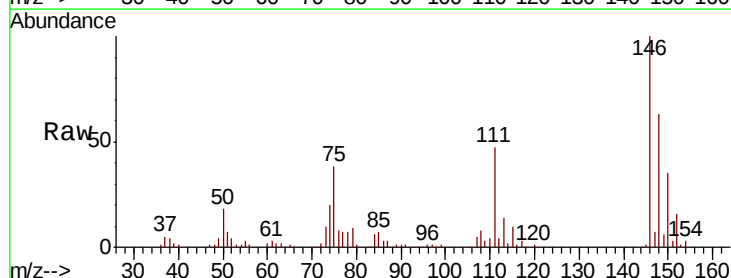
Instrument :
 BNA_F
 ClientSampleId :

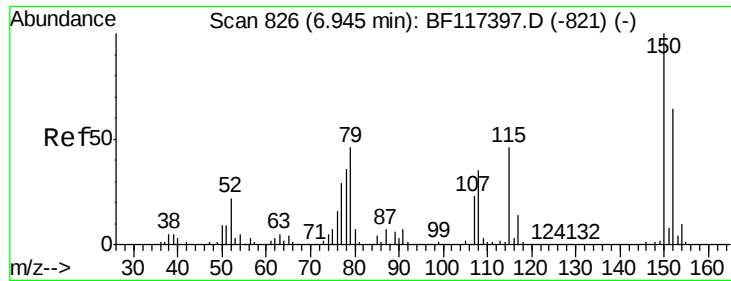
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	43.8	35.7	53.5



#14
 1,2-Dichlorobenzene
 Concen: 52.147 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.6
111	47.4	36.5	54.7

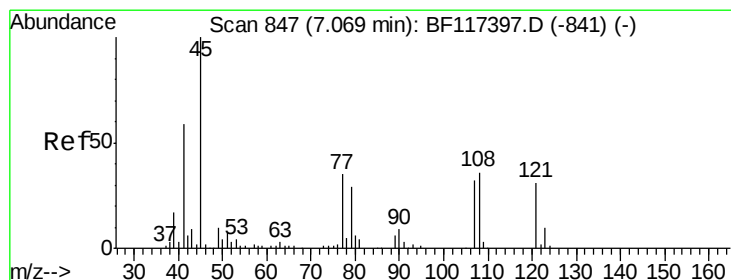
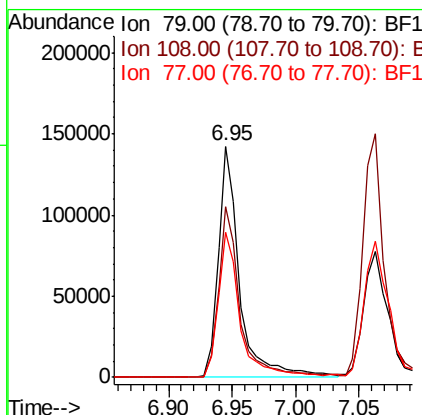
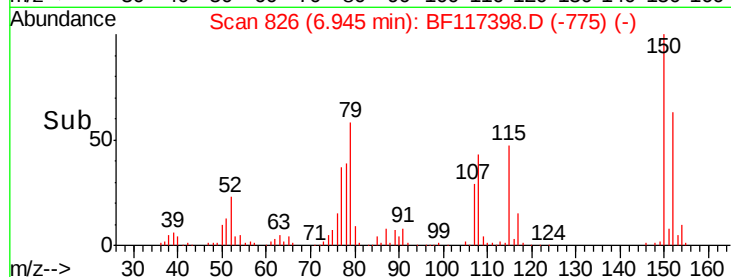
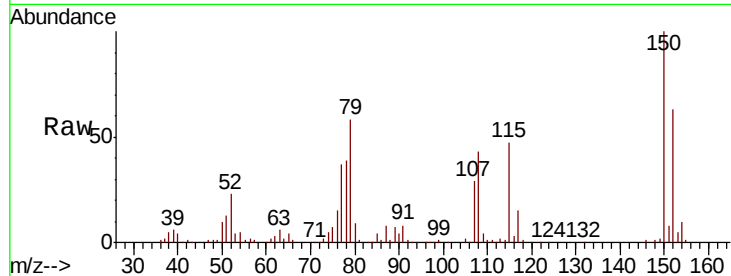




#15
Benzyl Alcohol
Concen: 50.778 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

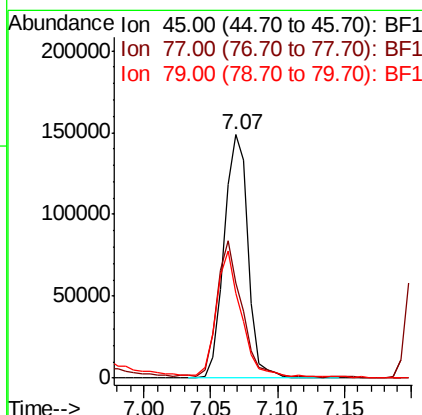
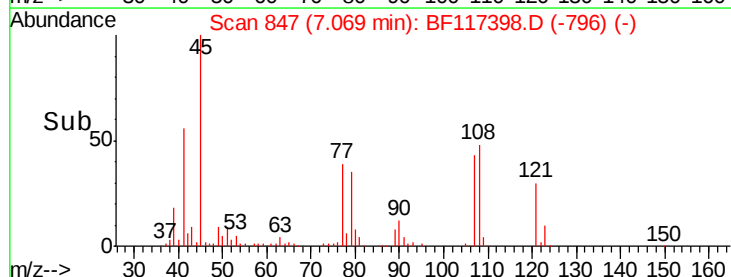
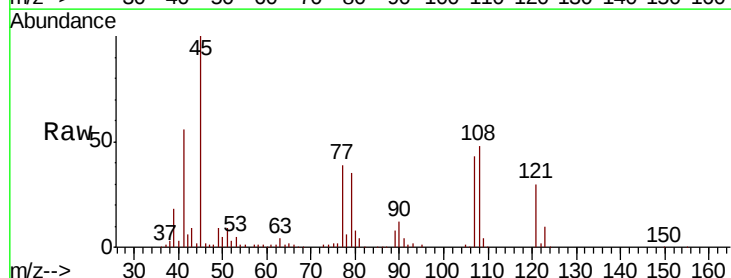
Instrument :
BNA_F
ClientSampled :

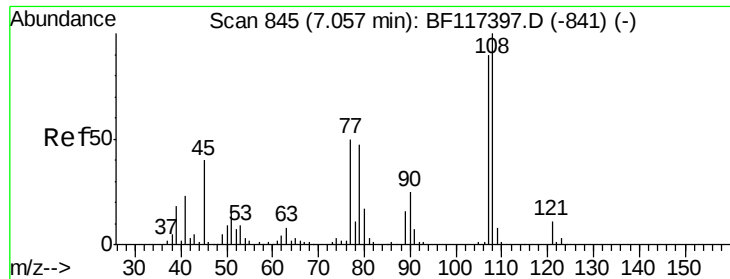
Tot Ion: 79 Resp: 167394
Ion Ratio Lower Upper
79 100
108 74.0 60.4 90.6
77 63.1 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 54.857 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion: 45 Resp: 188774
Ion Ratio Lower Upper
45 100
77 39.2 15.9 55.9
79 34.8 10.7 50.7

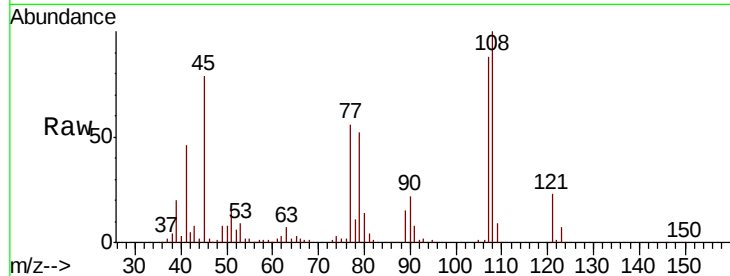




#17
2-Methylphenol
Concen: 51.883 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.2
77	63.6	45.1	67.7
79	58.6	42.3	63.5



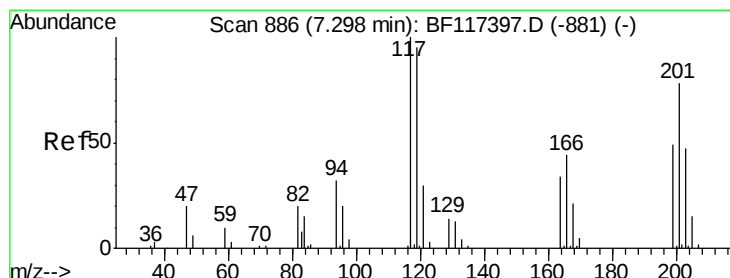
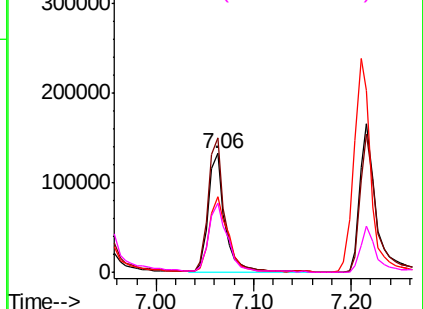
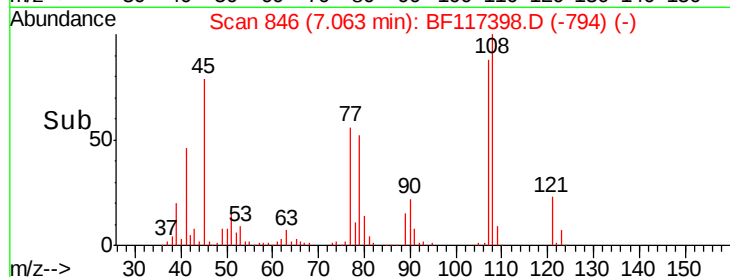
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

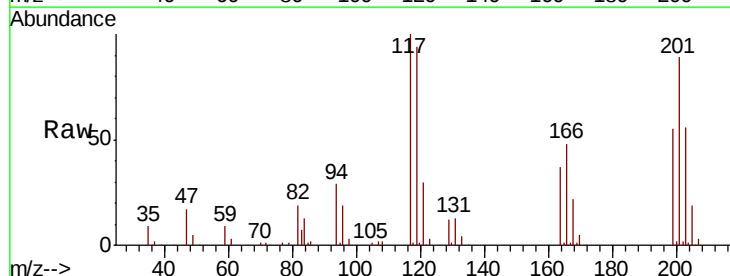
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 51.591 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.7	113.5
201	89.0	62.2	93.4

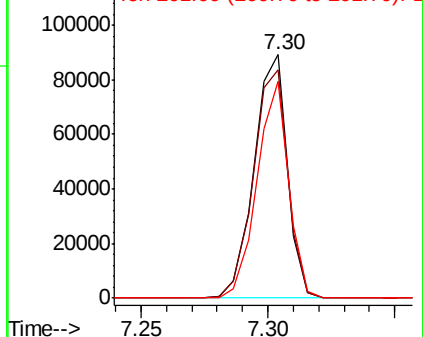
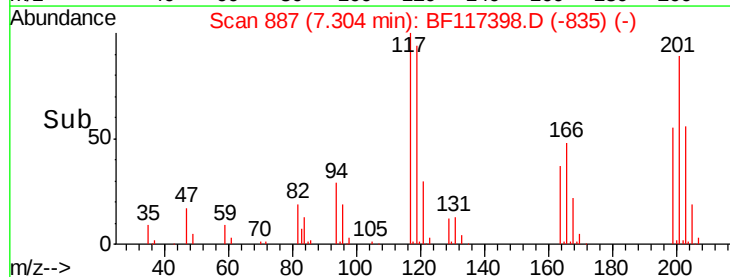


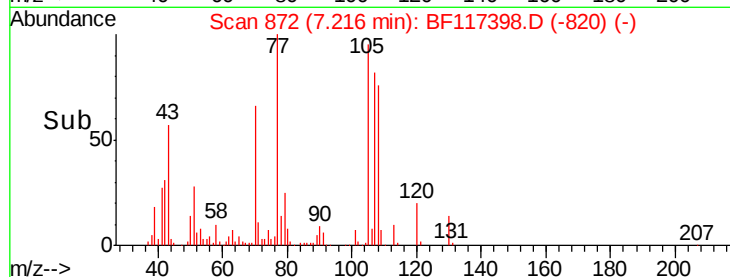
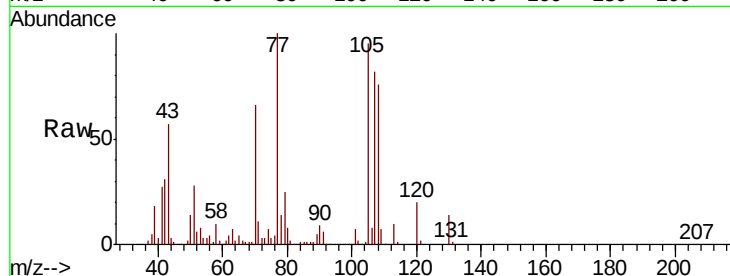
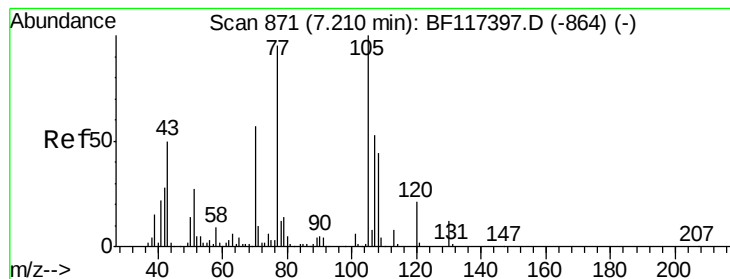
Abundance

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: 52.995 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 138726

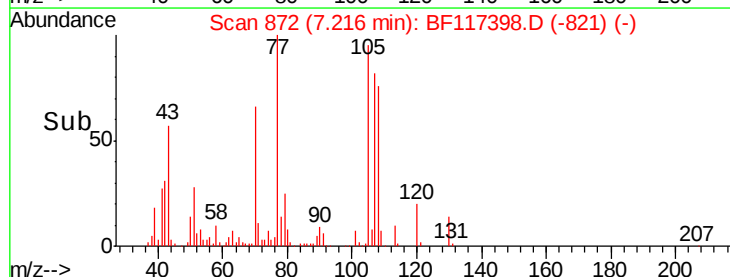
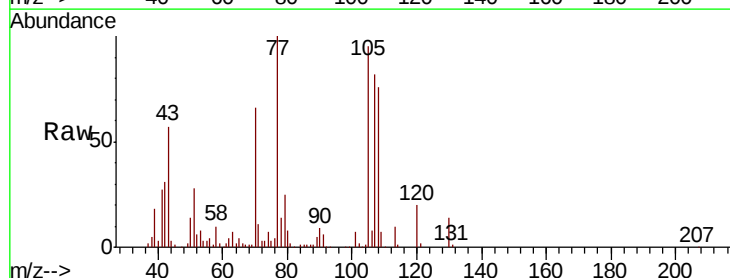
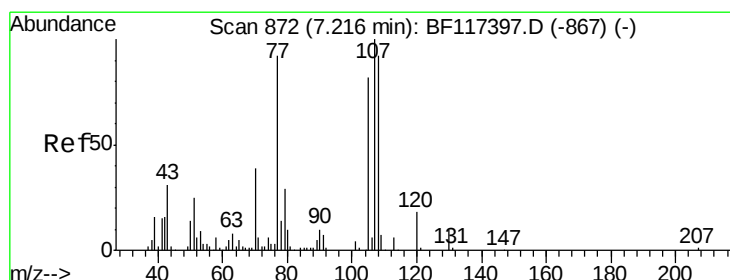
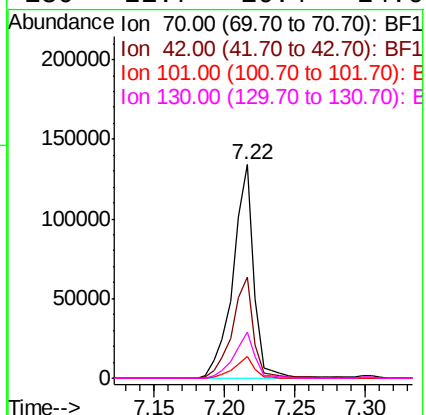
Ion Ratio Lower Upper

70 100

42 47.3 39.8 59.8

101 10.3 8.1 12.1

130 21.7 16.4 24.6



#20

3+4-Methylphenols

Concen: 52.278 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Tgt Ion:107 Resp: 195842

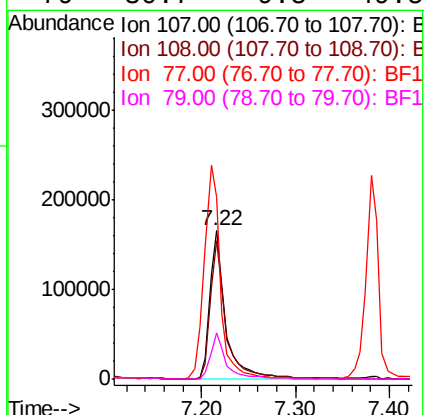
Ion Ratio Lower Upper

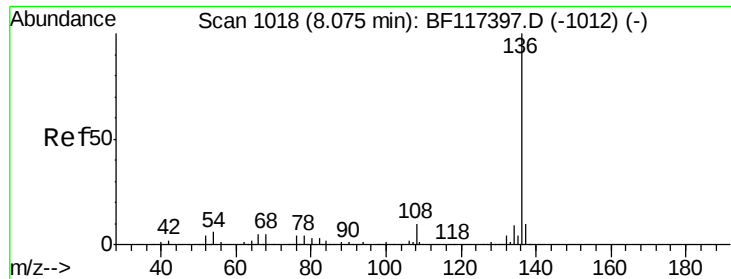
107 100

108 92.9 71.8 111.8

77 122.1 72.7 112.7#

79 30.7 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 222638

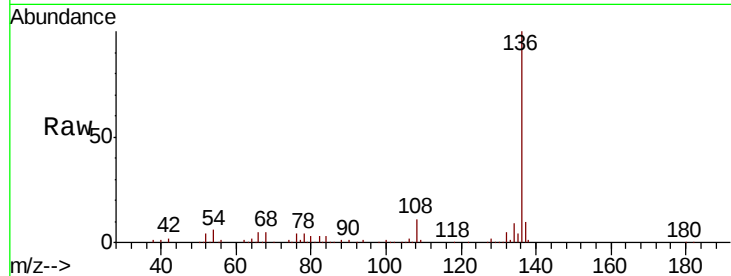
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 5.7 4.6 6.8

68 5.0 3.8 5.8

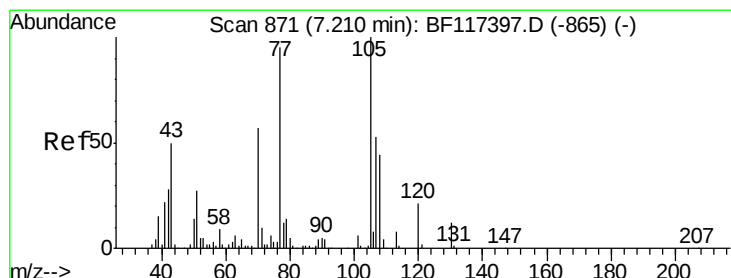
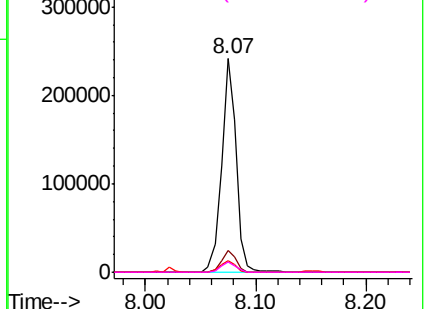
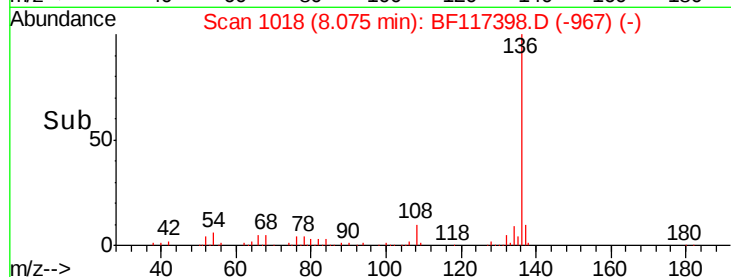


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 50.306 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Tgt Ion:105 Resp: 284558

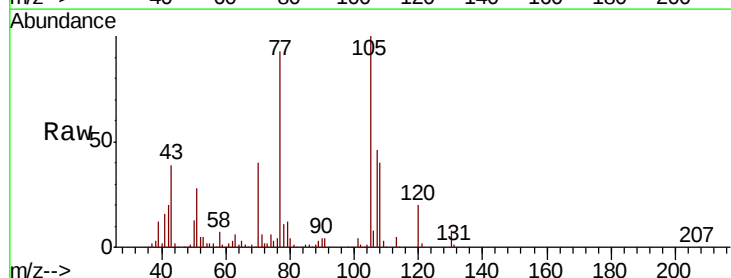
Ion Ratio Lower Upper

105 100

71 6.4 7.8 11.6#

51 27.7 21.5 32.3

120 20.5 16.7 25.1

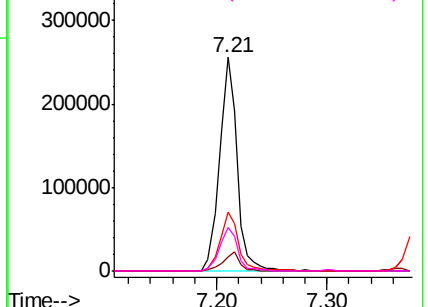
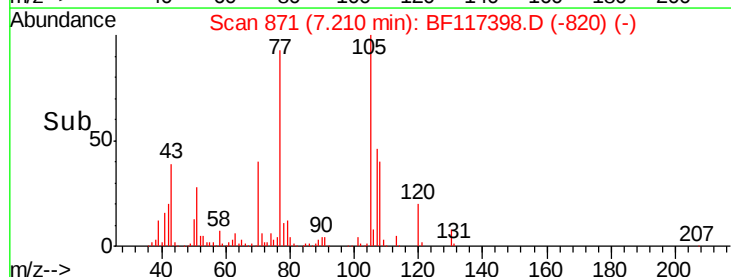


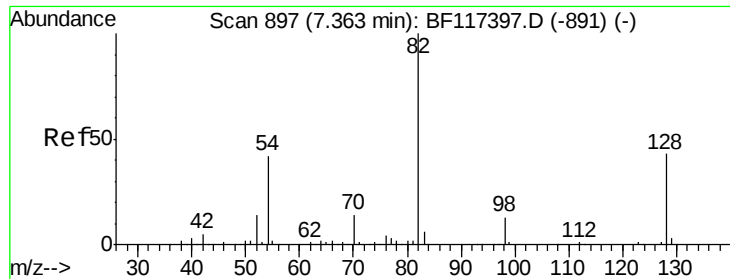
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

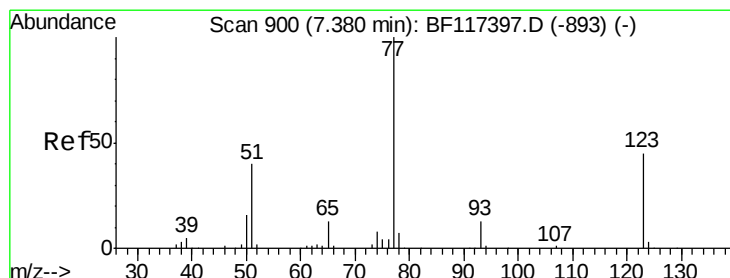
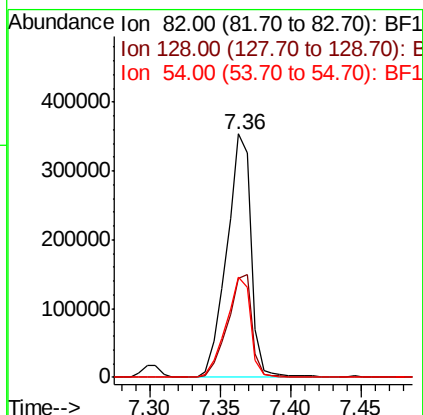
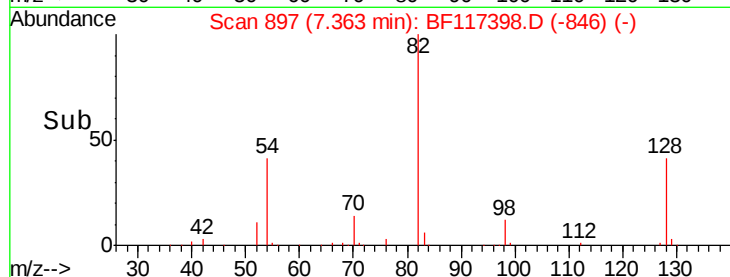
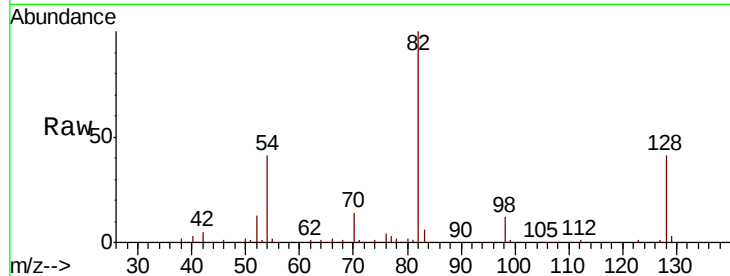




#23
Nitrobenzene-d5
Concen: 100.068 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

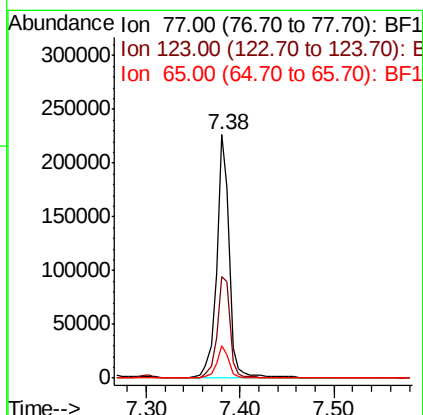
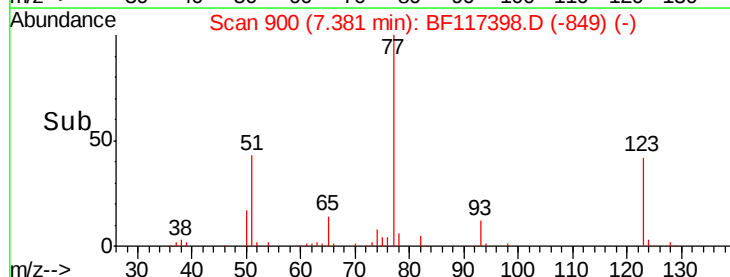
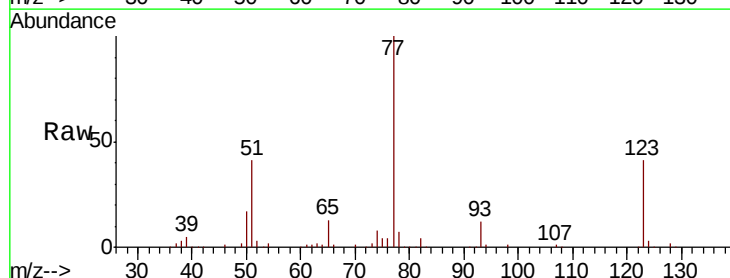
Instrument :
BNA_F
ClientSampled :

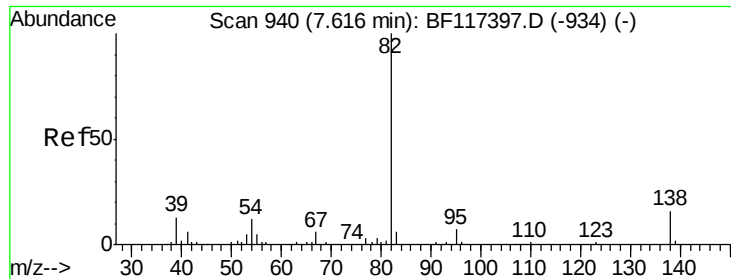
Tot Ion: 82 Resp: 424018
Ion Ratio Lower Upper
82 100
128 40.7 34.1 51.1
54 41.4 33.3 49.9



#24
Nitrobenzene
Concen: 50.626 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion: 77 Resp: 211846
Ion Ratio Lower Upper
77 100
123 41.5 35.8 53.8
65 13.2 10.1 15.1





#25

Isophorone

Concen: 50.498 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

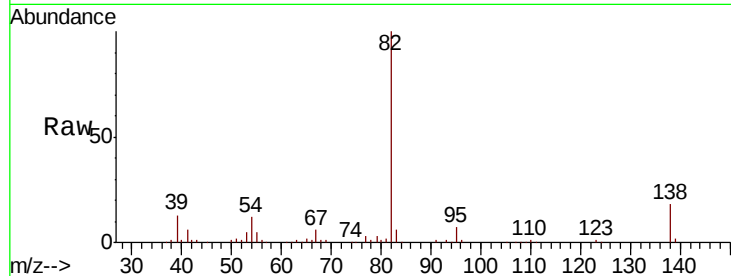
Tot Ion: 82 Resp: 378862

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

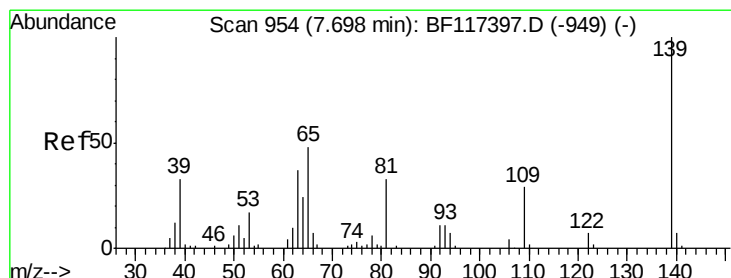
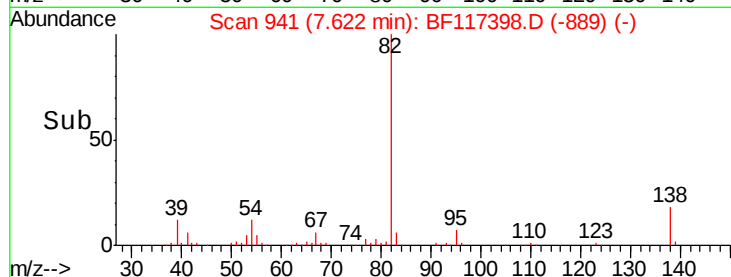
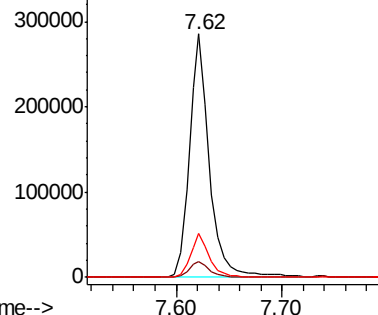
138 17.8 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.569 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

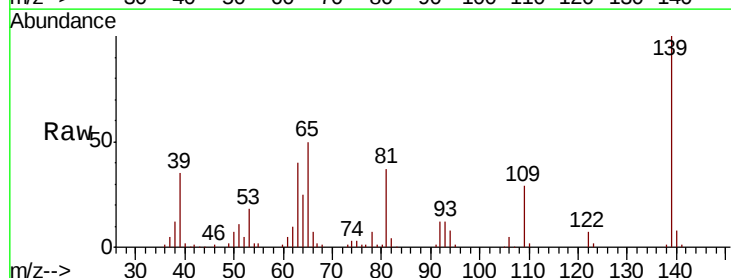
Tgt Ion: 139 Resp: 96285

Ion Ratio Lower Upper

139 100

109 28.9 23.1 34.7

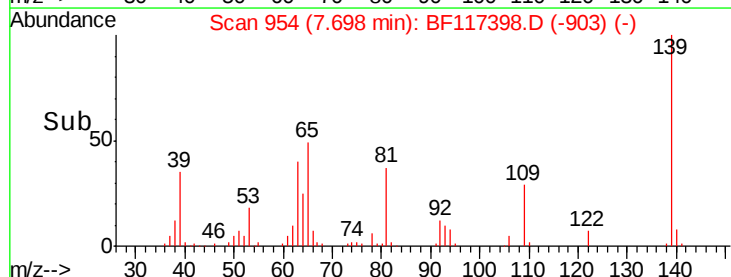
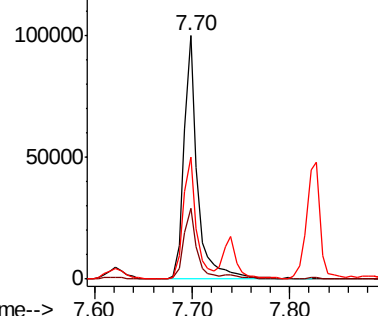
65 50.1 38.2 57.4

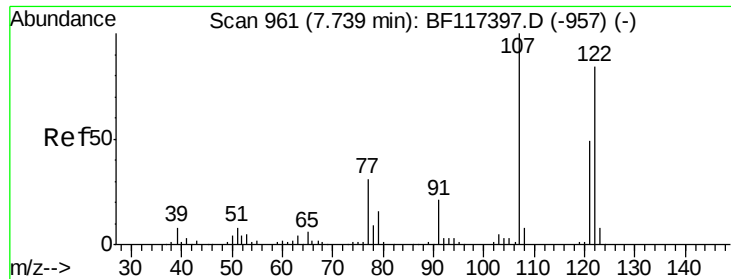


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

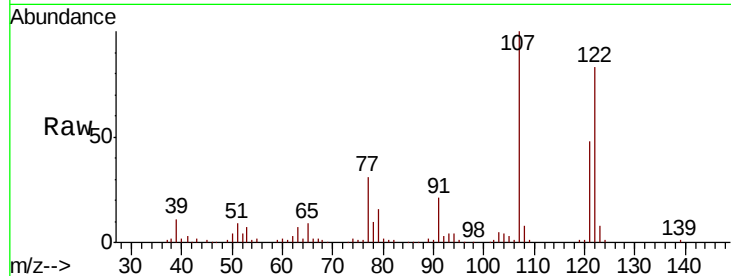




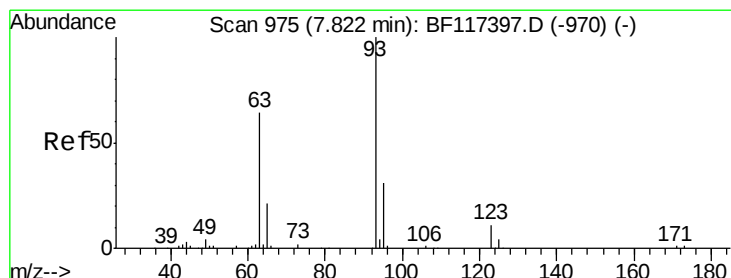
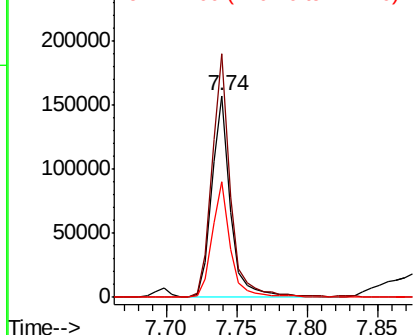
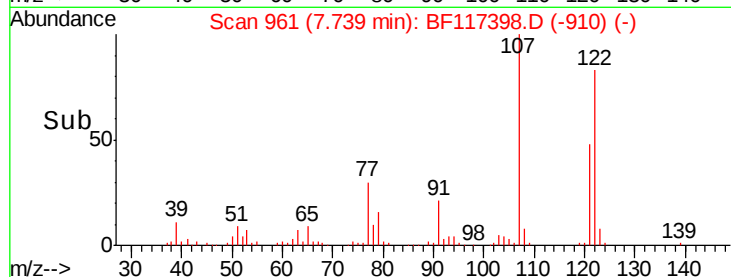
#27
 2,4-Dimethylphenol
 Concen: 50.168 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.7	95.0	142.6
121	57.4	46.6	69.8

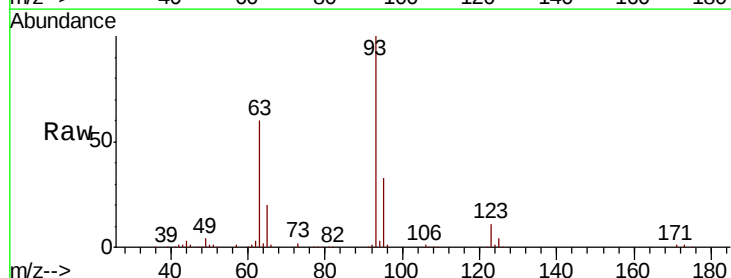


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

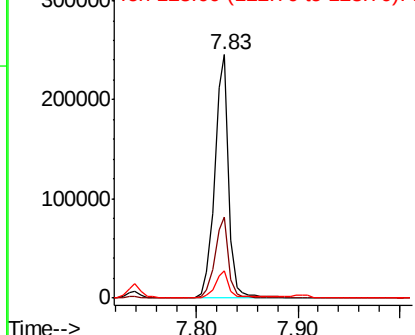
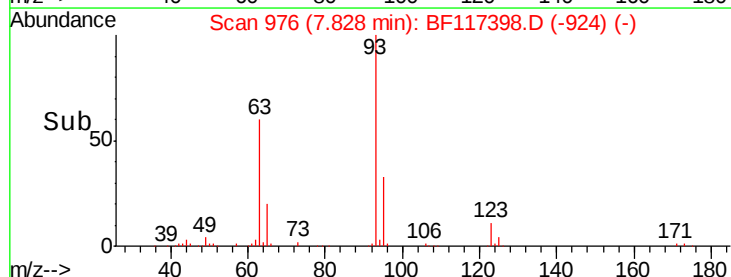


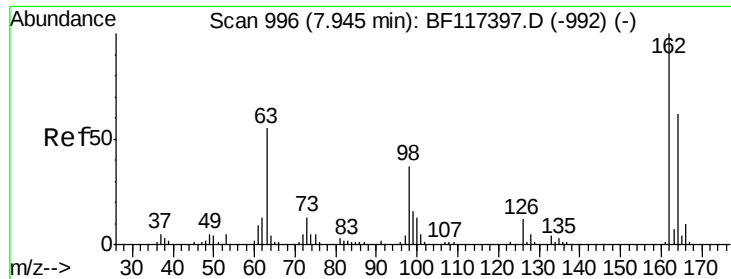
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.893 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.1	37.7
123	11.3	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

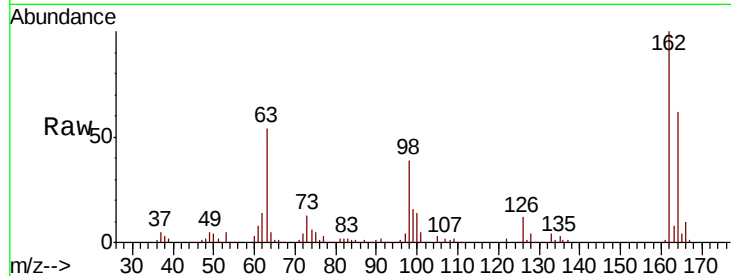




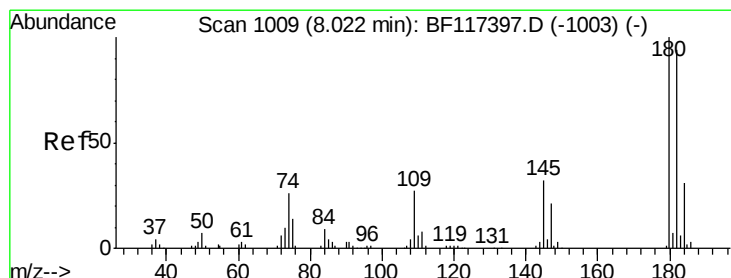
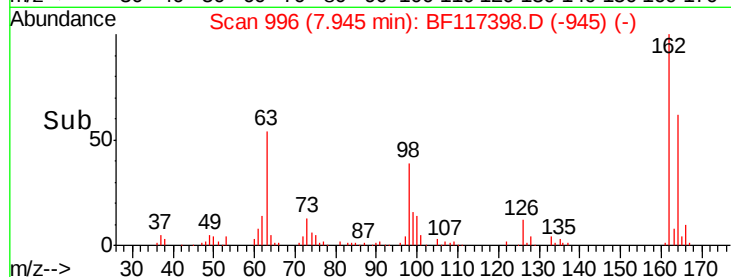
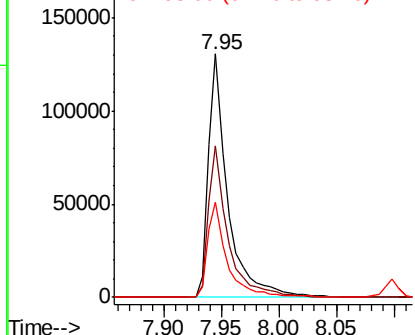
#29
 2,4-Dichlorophenol
 Concen: 50.716 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.2	82.2
98	39.1	17.4	57.4

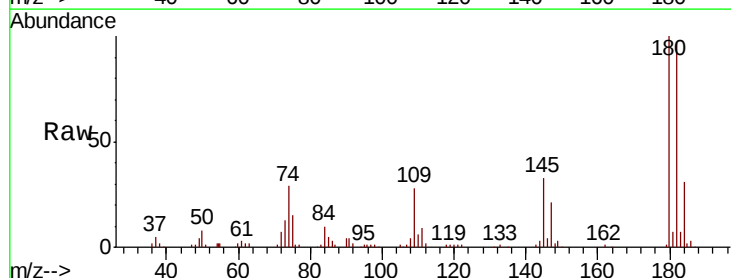


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

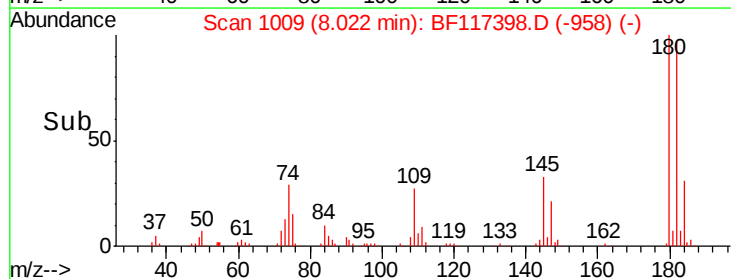
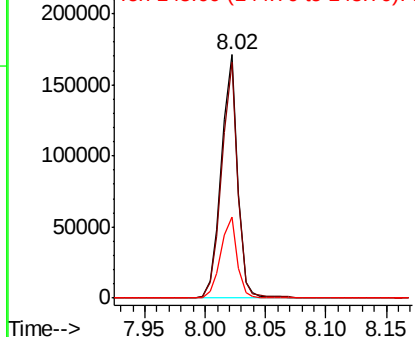


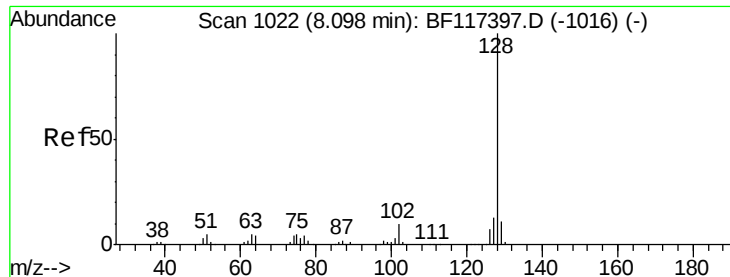
#30
 1,2,4-Trichlorobenzene
 Concen: 49.694 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.4	113.2
145	33.3	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

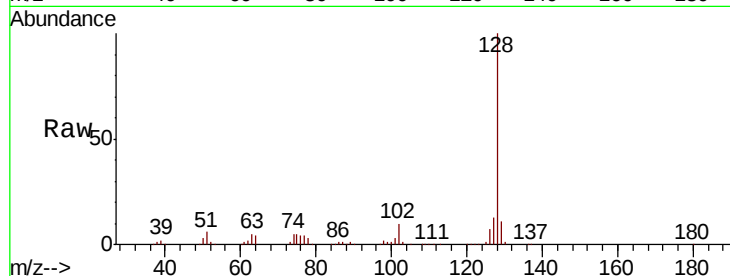




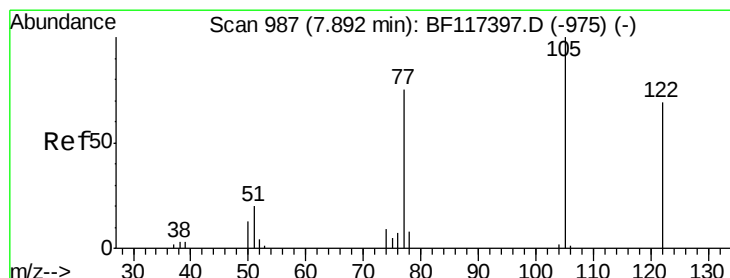
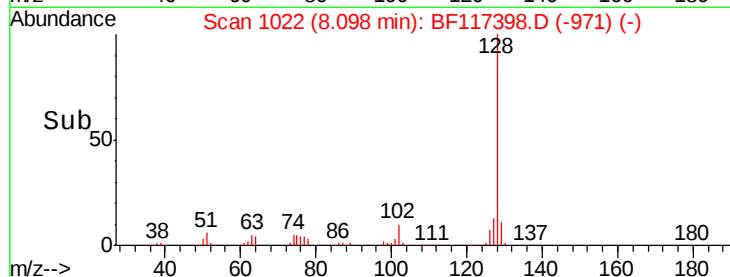
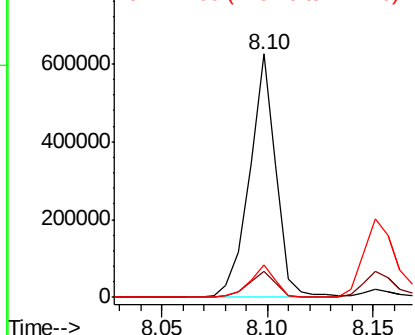
#31
Naphthalene
Concen: 50.790 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 543838
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.4 10.4 15.6

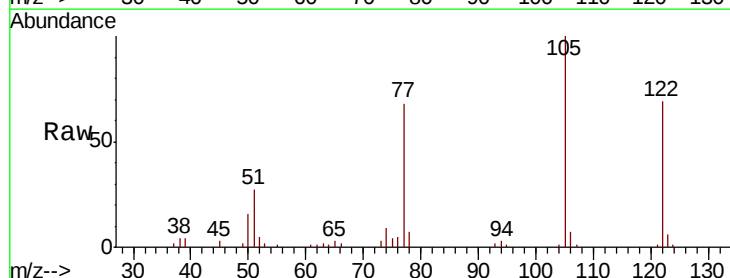


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

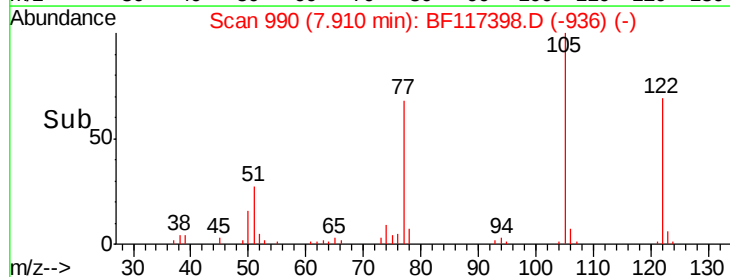
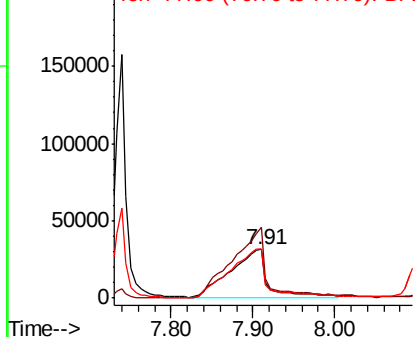


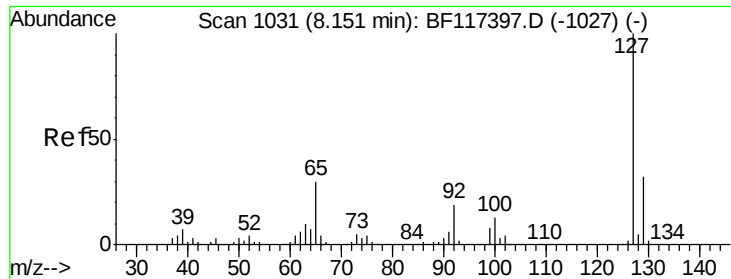
#32
Benzoic acid
Concen: 48.543 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.02 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:122 Resp: 97312
Ion Ratio Lower Upper
122 100
105 145.8 121.5 161.5
77 99.8 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

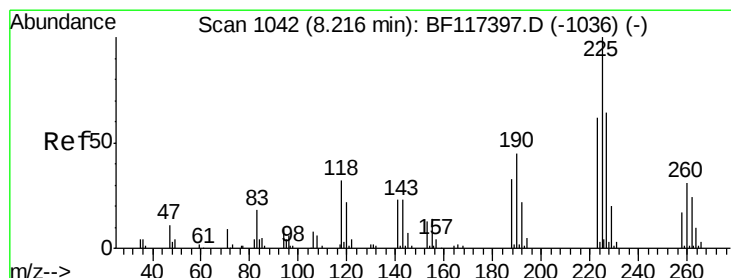
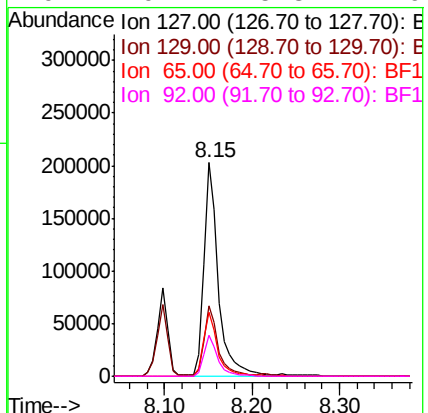
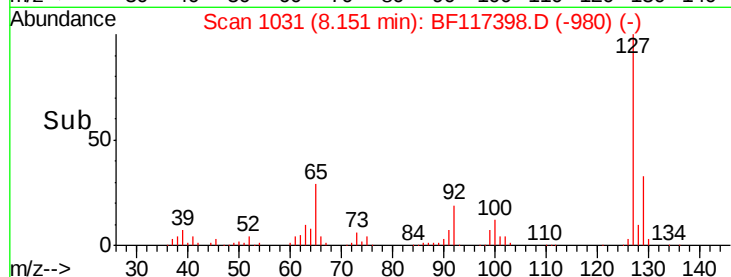
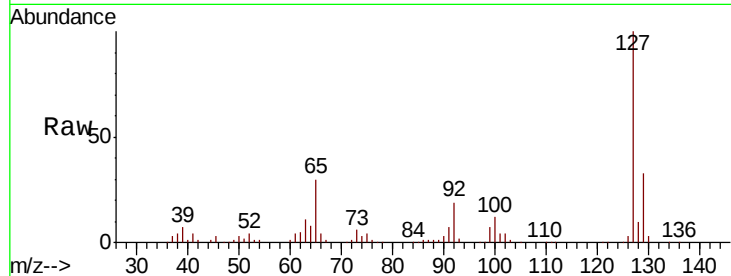




#33
4-Chloroaniline
Concen: 49.251 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

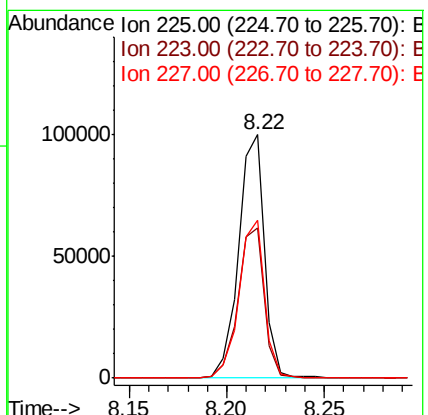
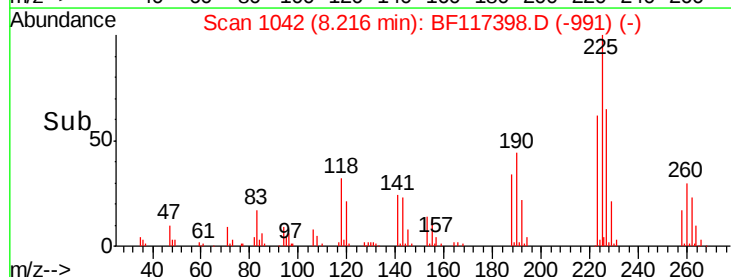
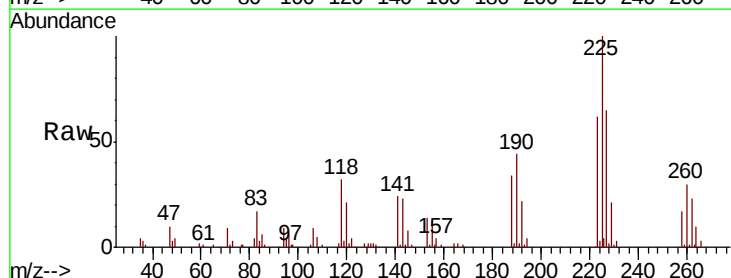
Instrument :
BNA_F
ClientSampleId :

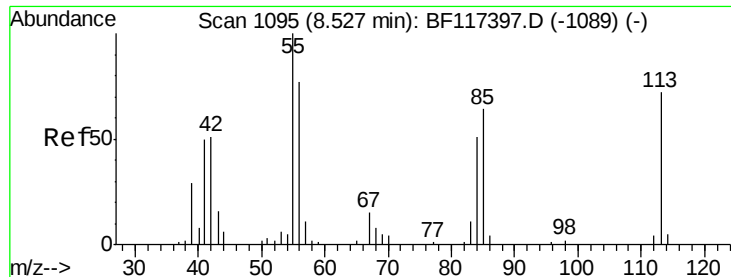
Tot Ion:	127	Resp:	233899
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.0
65	29.9	23.8	35.8
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 49.915 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:	225	Resp:	91376
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	64.7	50.9	76.3

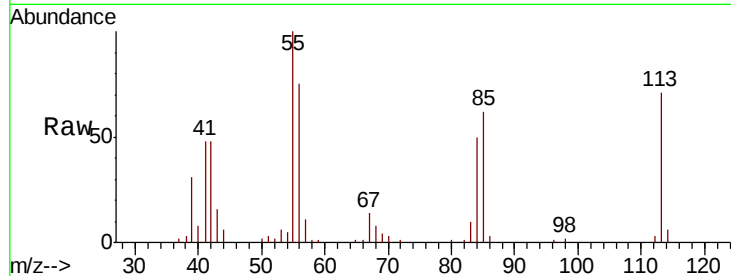




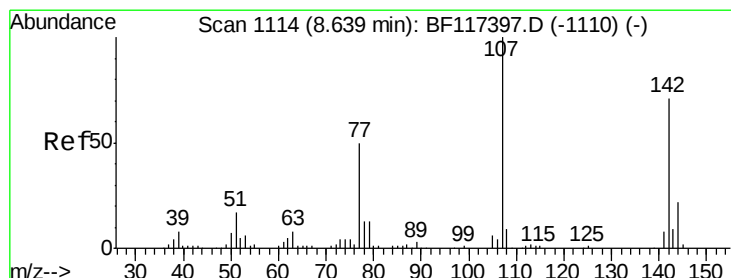
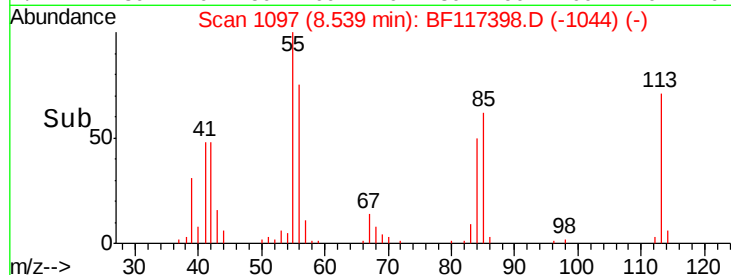
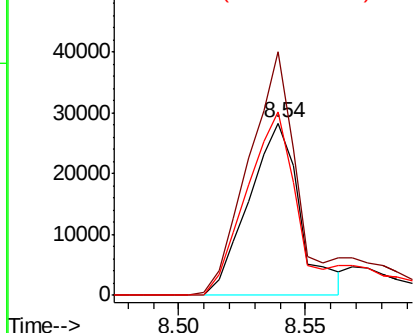
#35
Caprolactam
Concen: 39.687 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 40119
Ion Ratio Lower Upper
113 100
55 141.2 118.5 158.5
56 106.5 86.7 126.7

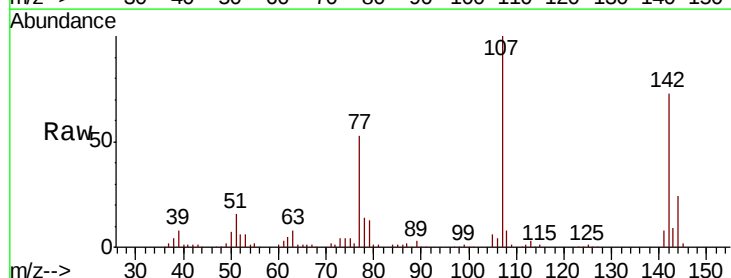


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

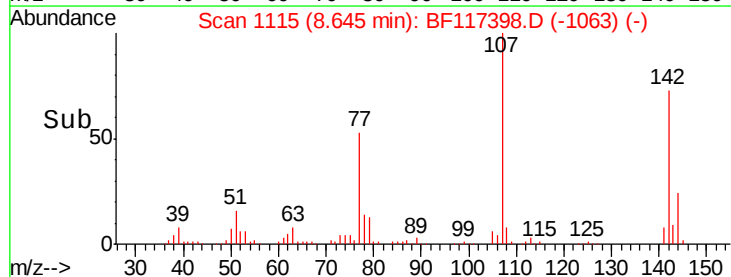
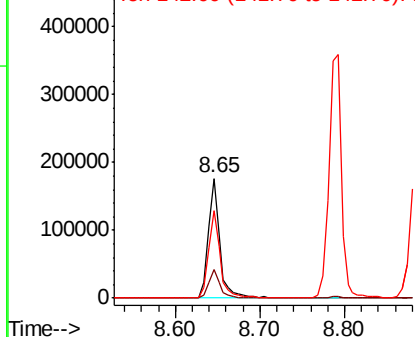


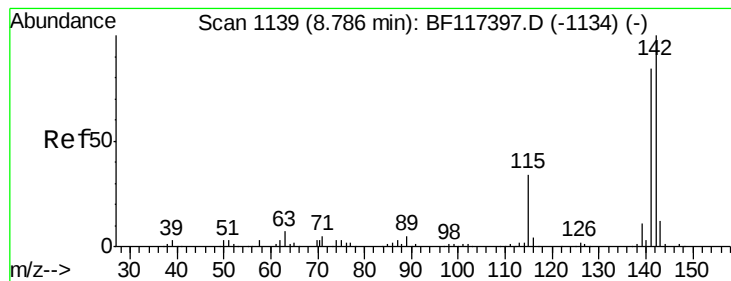
#36
4-Chloro-3-methylphenol
Concen: 48.589 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:107 Resp: 169207
Ion Ratio Lower Upper
107 100
144 23.5 17.9 26.9
142 72.9 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: 50.064 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

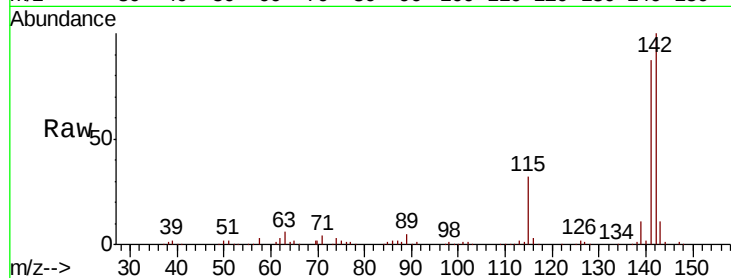
Tot Ion:142 Resp: 360979

Ion Ratio Lower Upper

142 100

141 87.1 67.2 100.8

115 32.4 26.9 40.3

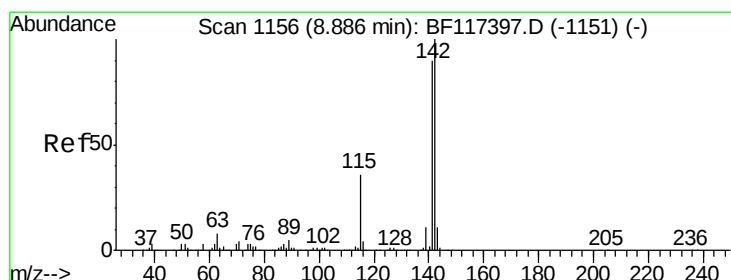
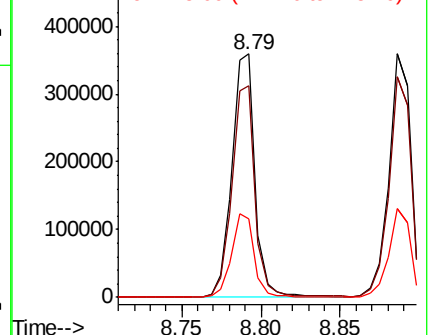
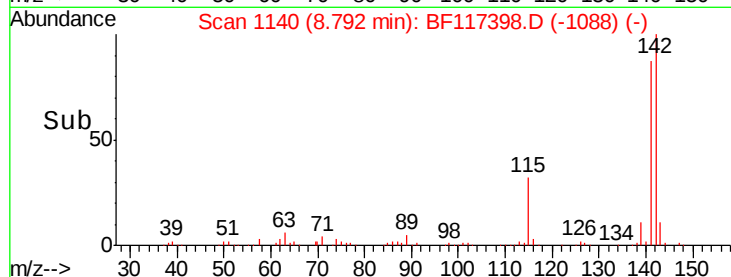


Abundance

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: 50.633 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

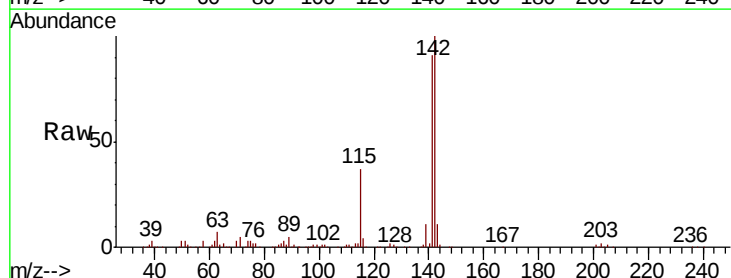
Tgt Ion:142 Resp: 341926

Ion Ratio Lower Upper

142 100

141 90.7 71.8 107.8

116 3.9 2.9 4.3

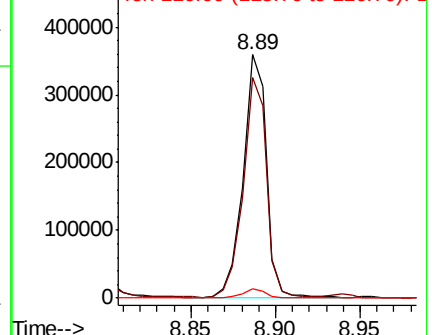
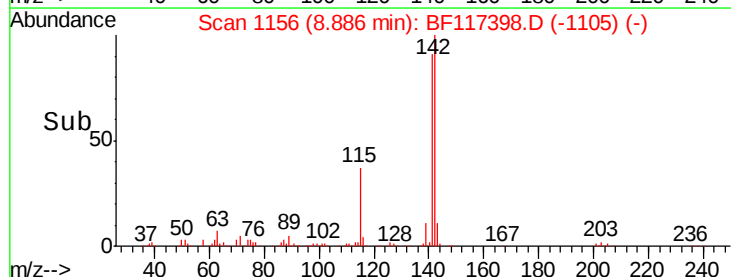


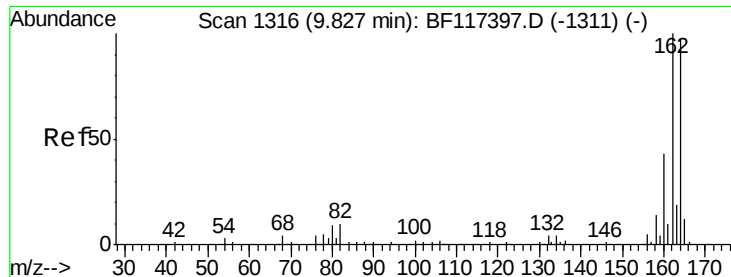
Abundance

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: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

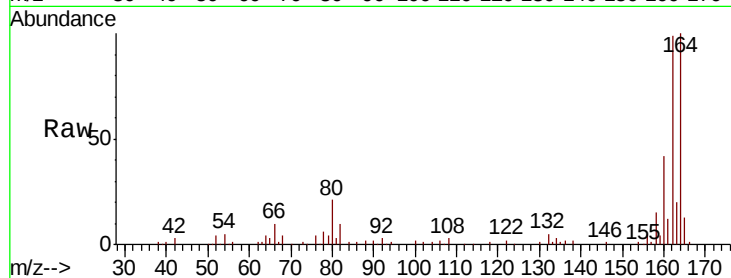
Tot Ion:164 Resp: 114191

Ion Ratio Lower Upper

164 100

162 99.0 82.4 123.6

160 41.7 35.4 53.0

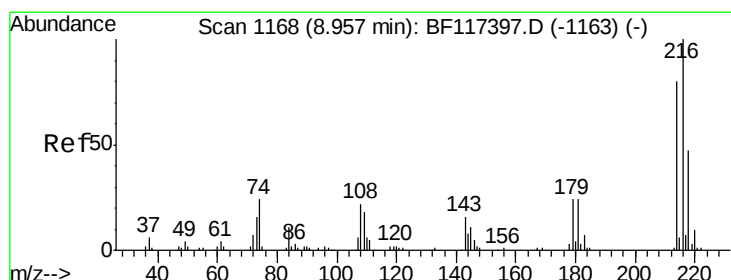
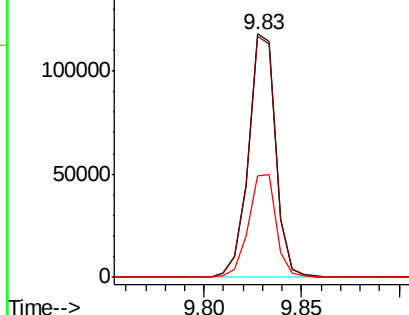
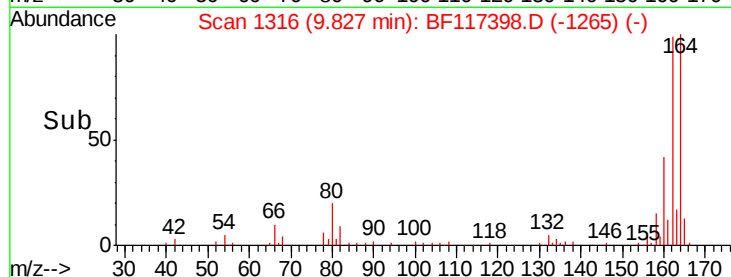


Abundance

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: 50.131 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Tgt Ion:216 Resp: 147821

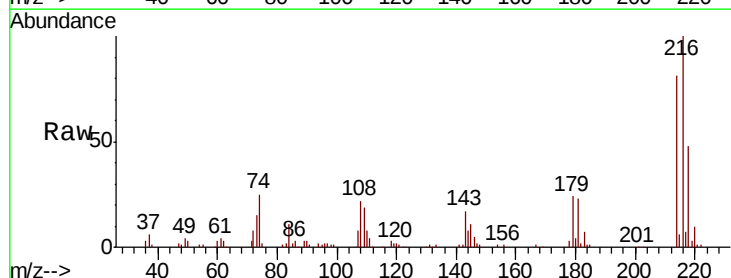
Ion Ratio Lower Upper

216 100

214 80.9 63.8 95.6

179 22.9 18.6 28.0

108 20.1 17.0 25.4



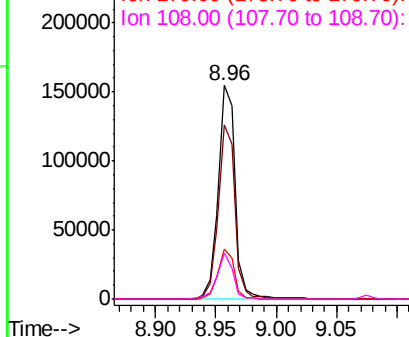
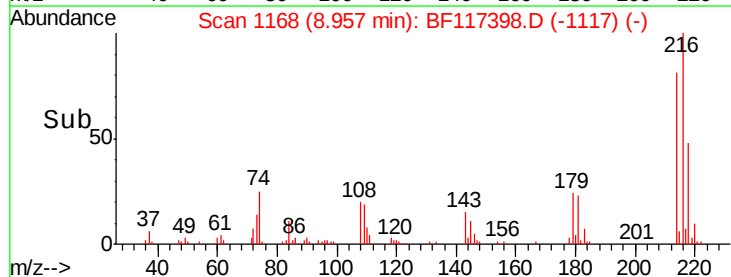
Abundance

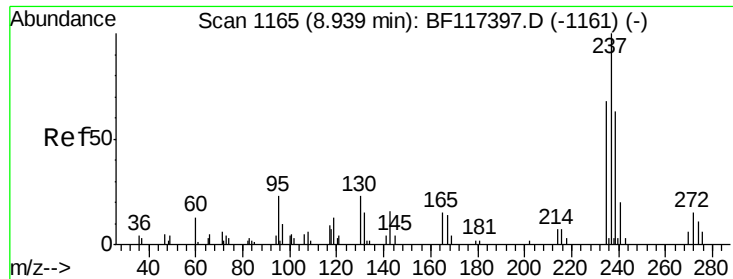
Ion 216.00 (215.70 to 216.70): E

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: 26.129 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

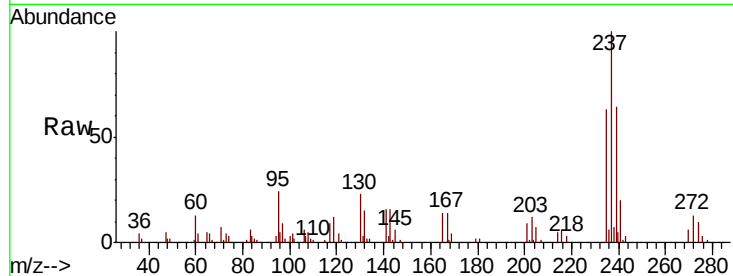
Tot Ion:237 Resp: 28980

Ion Ratio Lower Upper

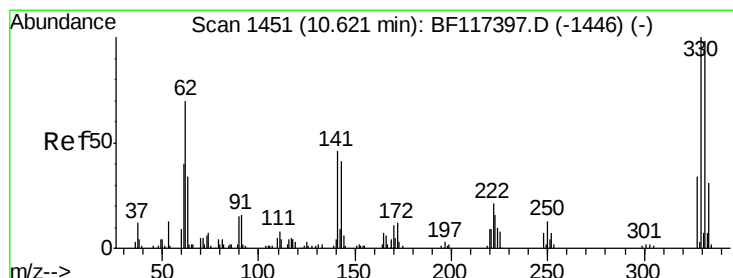
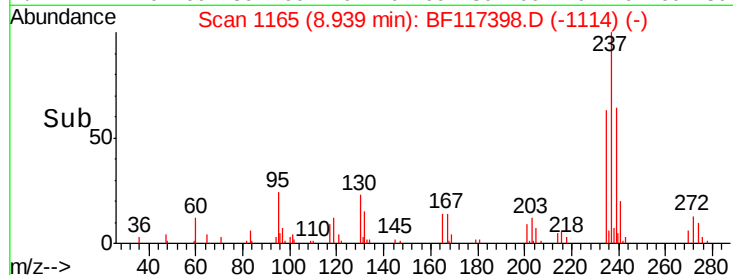
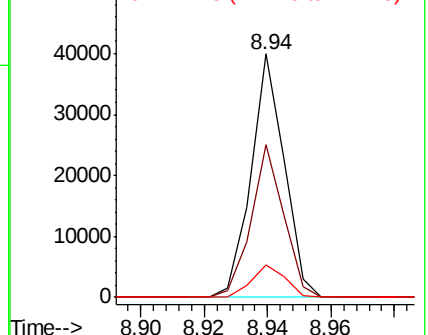
237 100

235 62.7 47.8 87.8

272 13.2 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: 95.031 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

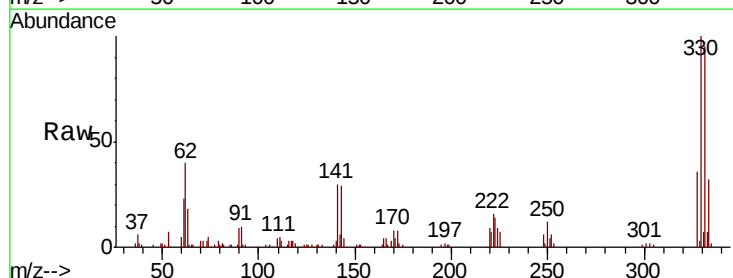
Tgt Ion:330 Resp: 90695

Ion Ratio Lower Upper

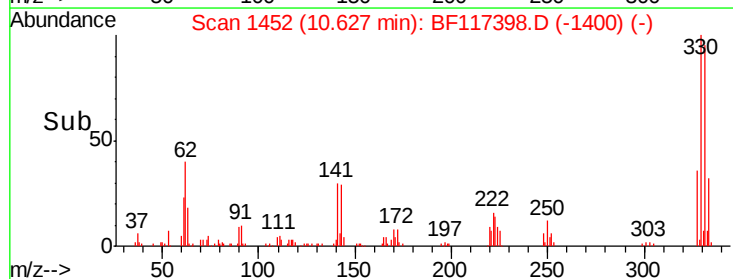
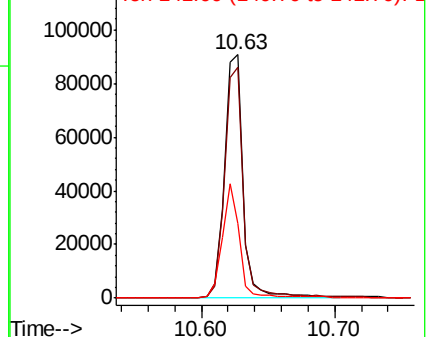
330 100

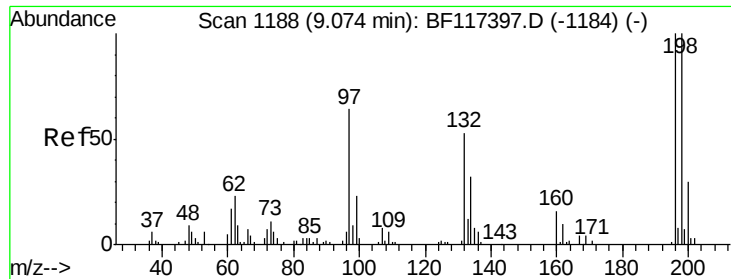
332 94.9 75.0 112.6

141 42.6 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

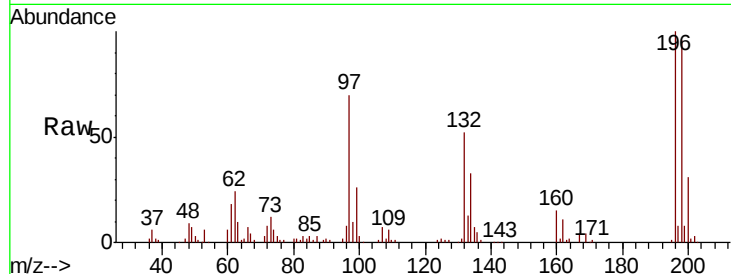




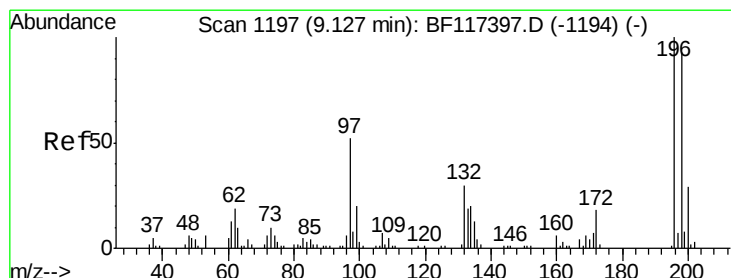
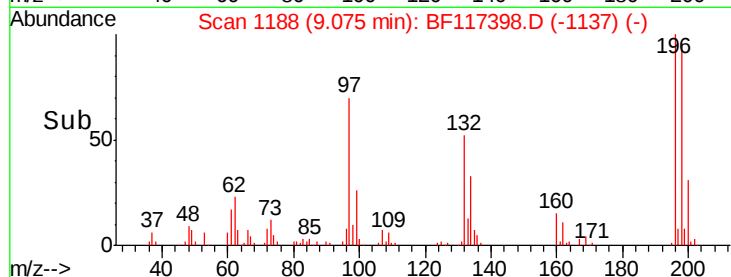
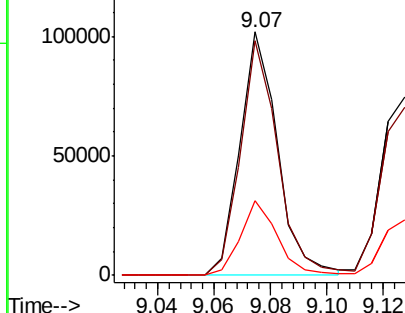
#43
 2,4,6-Trichlorophenol
 Concen: 47.325 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.8	119.6
200	30.6	23.7	35.5

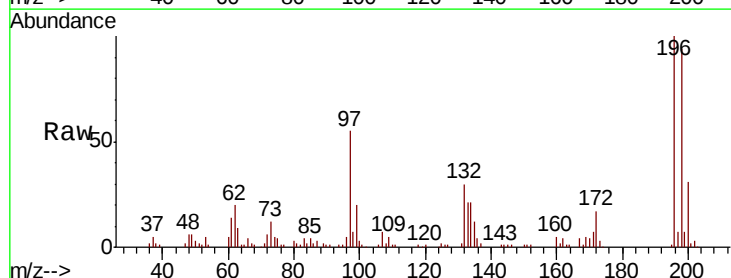


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

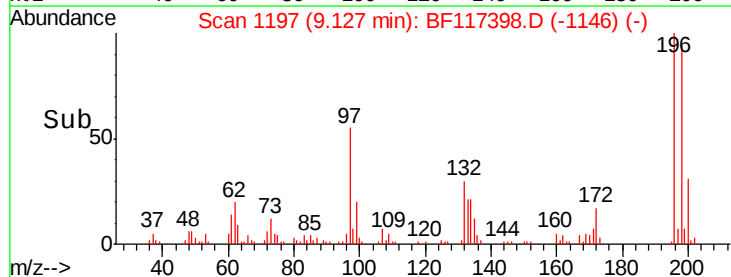
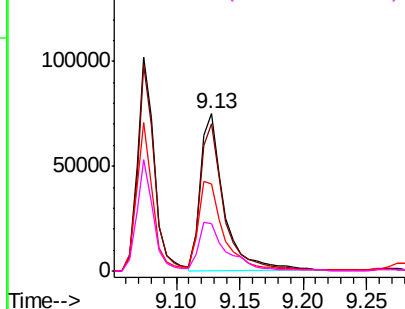


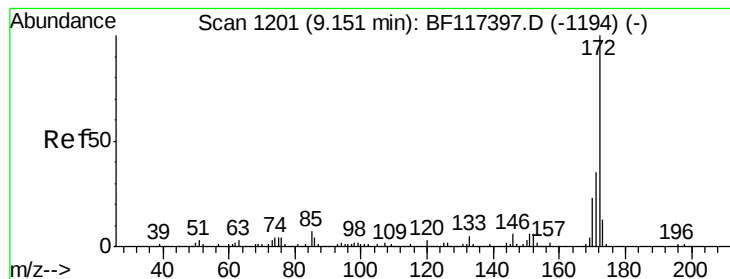
#44
 2,4,5-Trichlorophenol
 Concen: 44.891 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.9	112.3
97	55.4	42.5	63.7
132	30.2	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

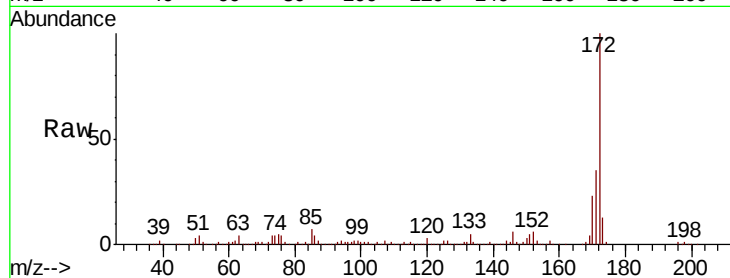




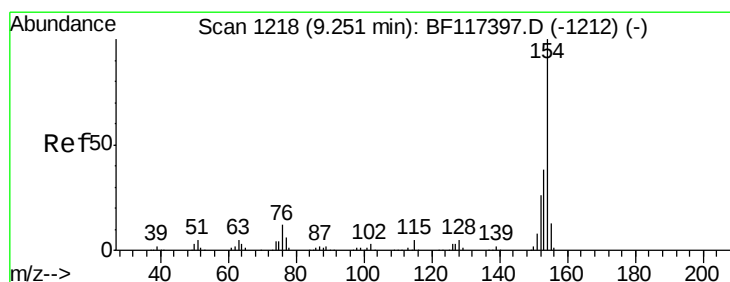
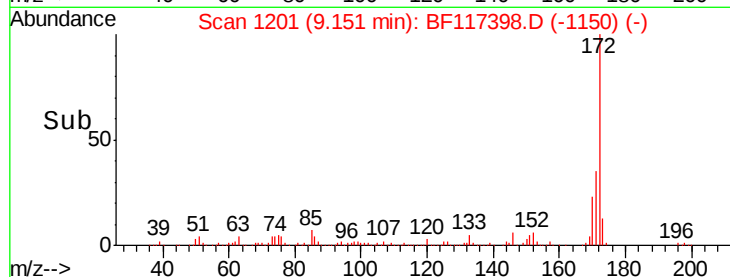
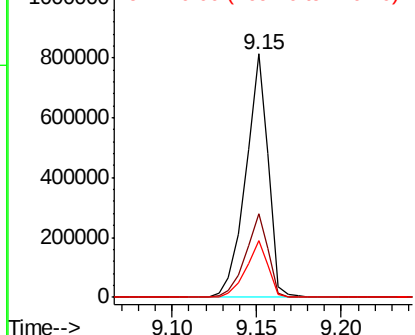
#45
2-Fluorobiphenyl
Concen: 102.943 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 751814
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.3 18.2 27.2

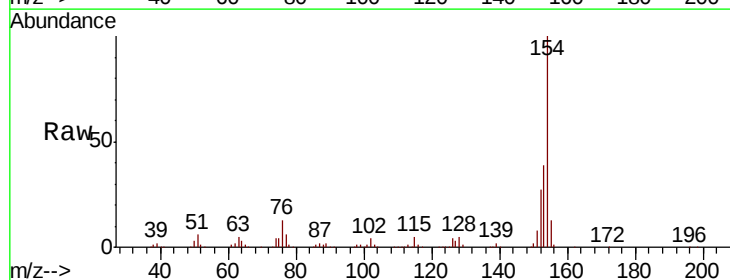


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

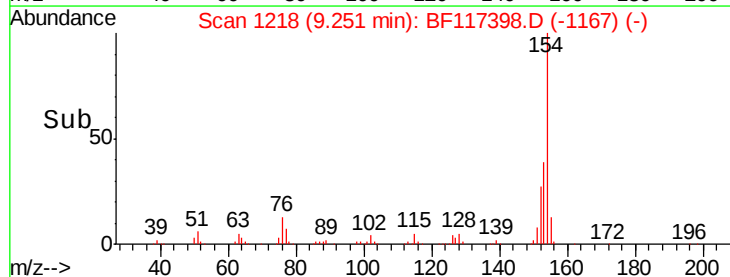
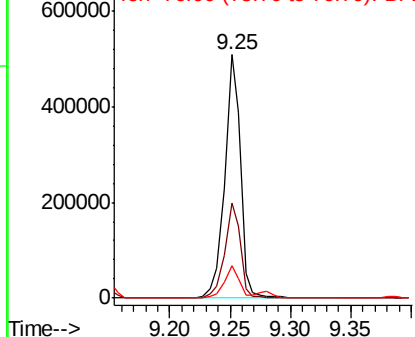


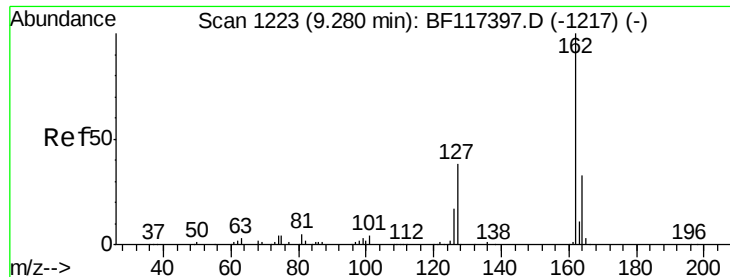
#46
1,1'-Biphenyl
Concen: 50.887 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:154 Resp: 455800
Ion Ratio Lower Upper
154 100
153 39.1 18.3 58.3
76 13.4 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: 49.599 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampled :

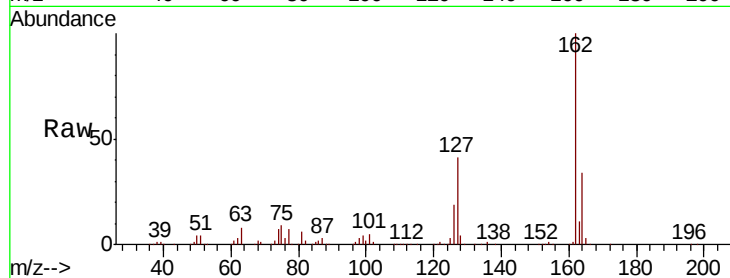
Tot Ion: 162 Resp: 350621

Ion Ratio Lower Upper

162 100

127 41.1 32.6 48.8

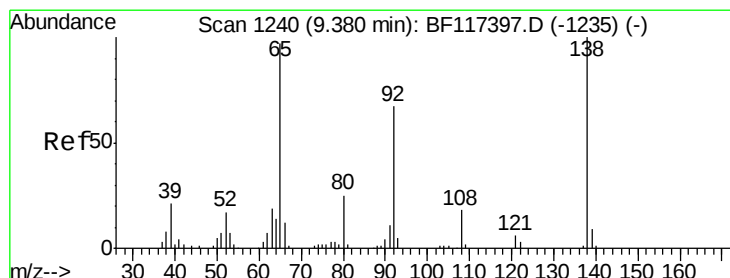
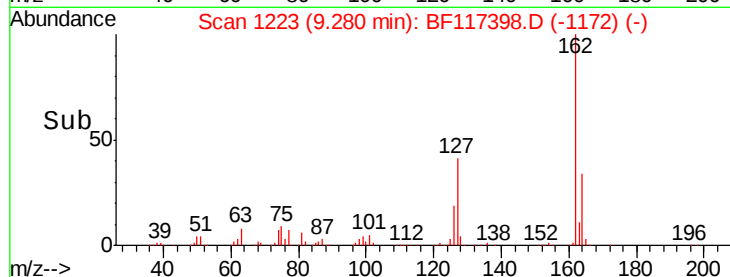
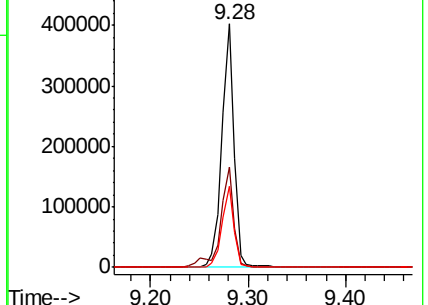
164 33.5 26.2 39.4



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: 50.330 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

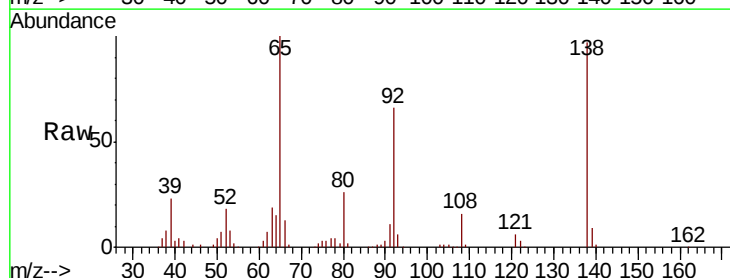
Tgt Ion: 65 Resp: 114120

Ion Ratio Lower Upper

65 100

92 66.5 55.4 83.0

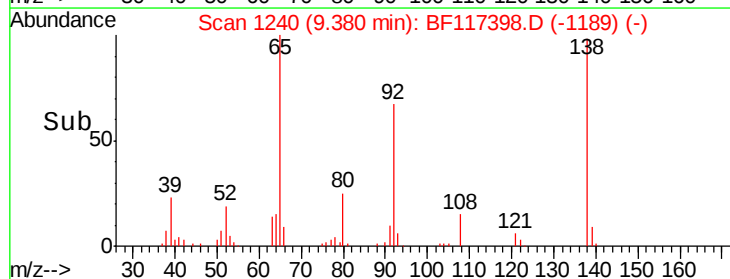
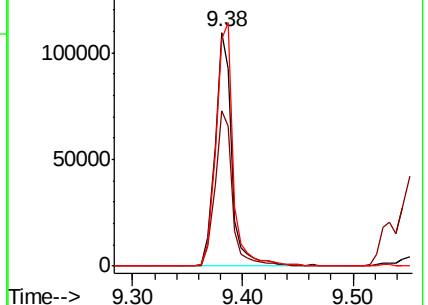
138 97.2 82.6 124.0

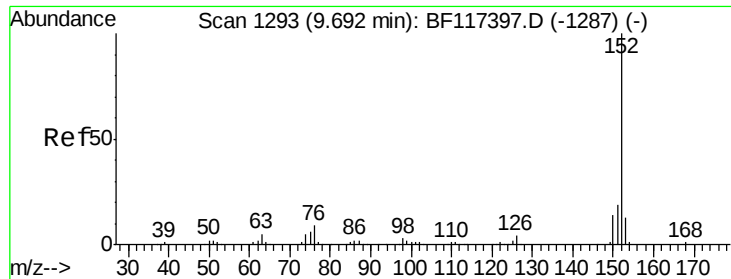


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.939 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

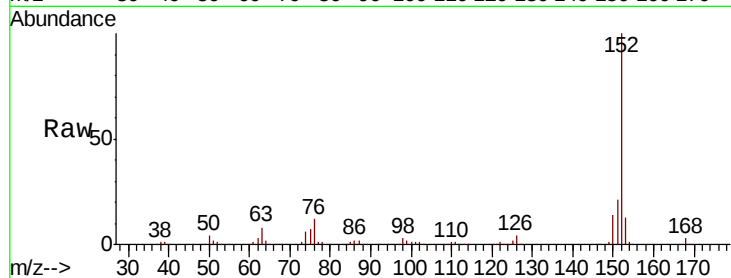
Tot Ion:152 Resp: 518262

Ion Ratio Lower Upper

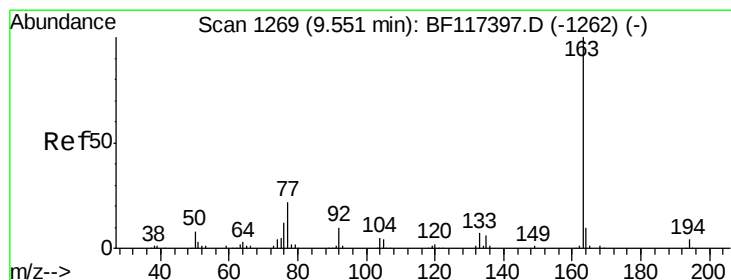
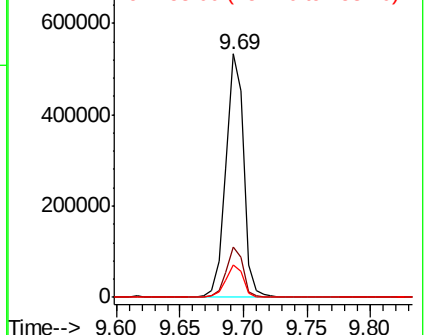
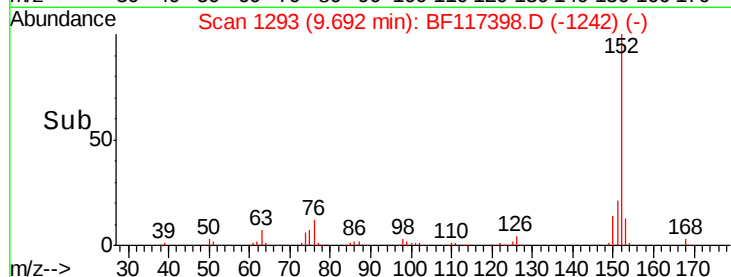
152 100

151 20.6 15.5 23.3

153 13.2 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: 48.365 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

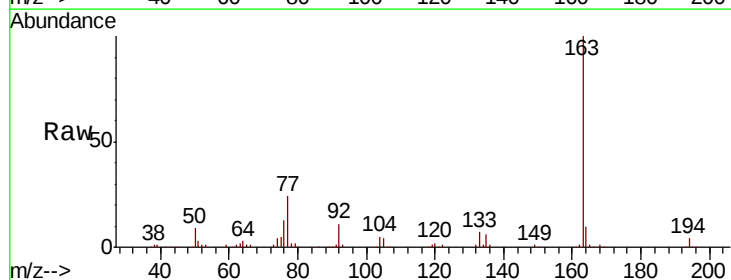
Tgt Ion:163 Resp: 391047

Ion Ratio Lower Upper

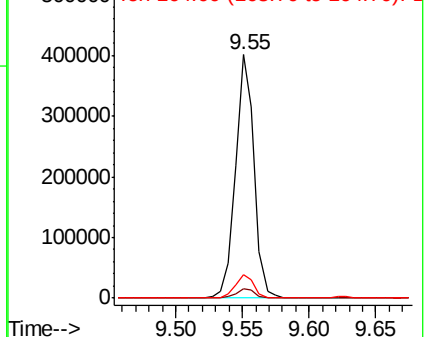
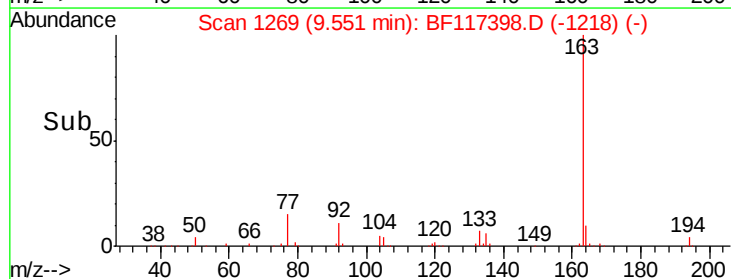
163 100

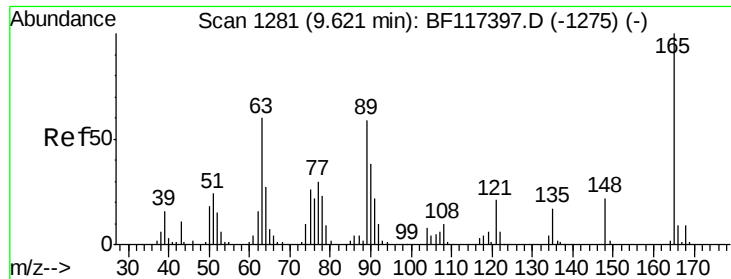
194 3.6 3.1 4.7

164 9.8 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: 50.564 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampled :

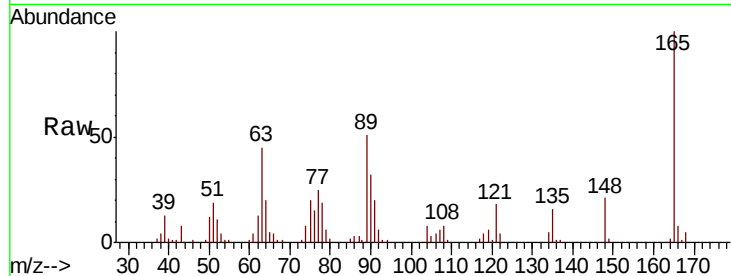
Tot Ion:165 Resp: 83265

Ion Ratio Lower Upper

165 100

63 44.7 47.8 71.6#

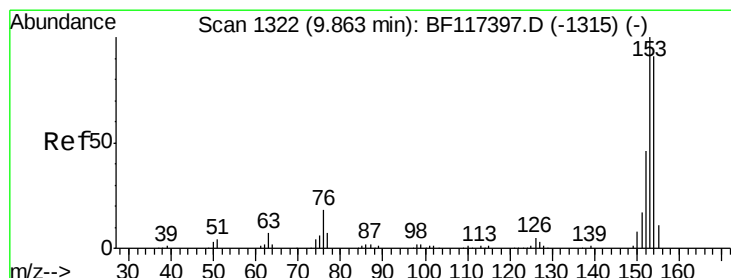
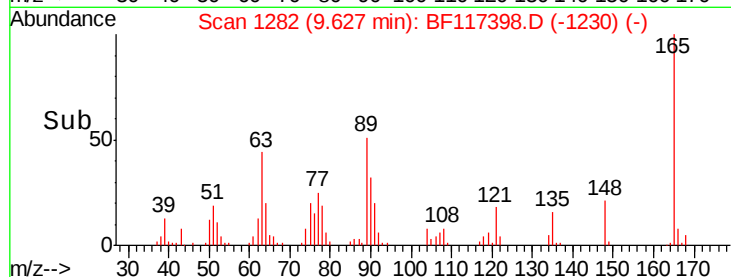
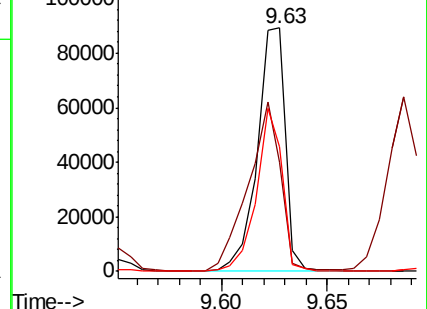
89 51.3 47.4 71.0



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: 49.685 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

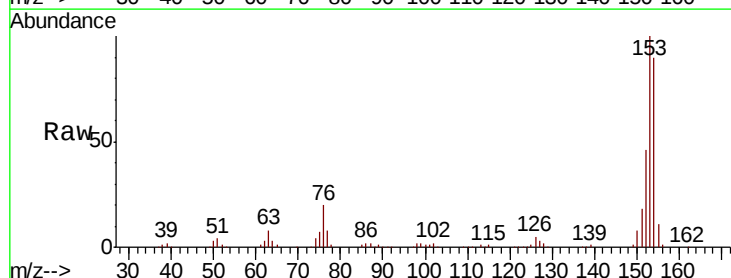
Tgt Ion:154 Resp: 311901

Ion Ratio Lower Upper

154 100

153 111.4 87.9 131.9

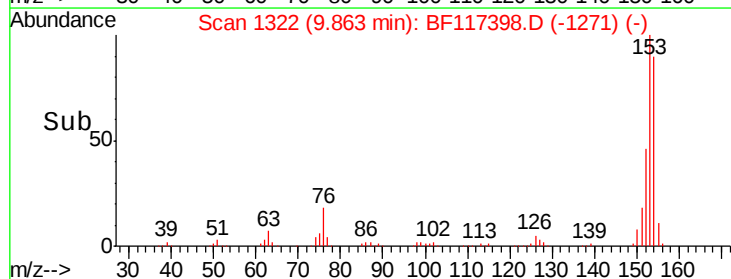
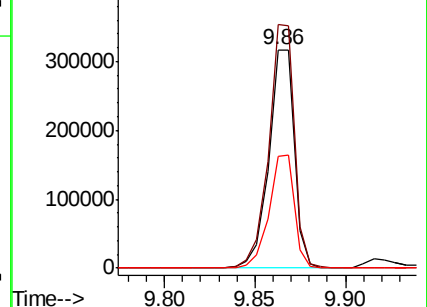
152 51.3 40.8 61.2

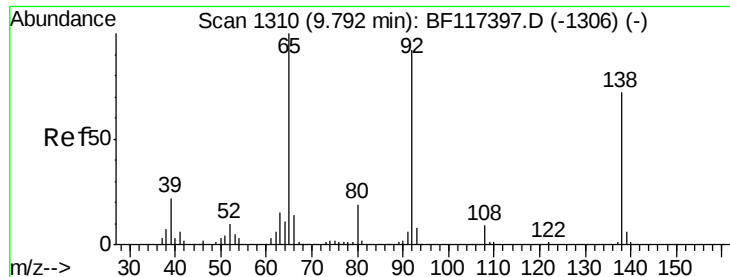


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

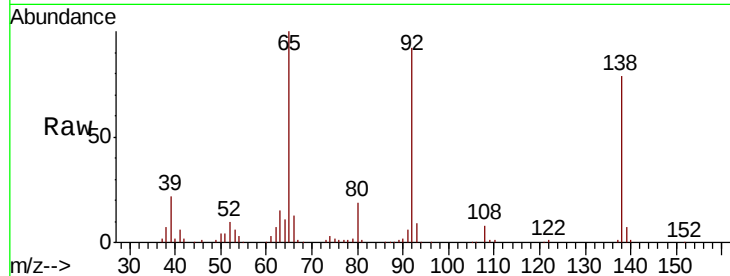




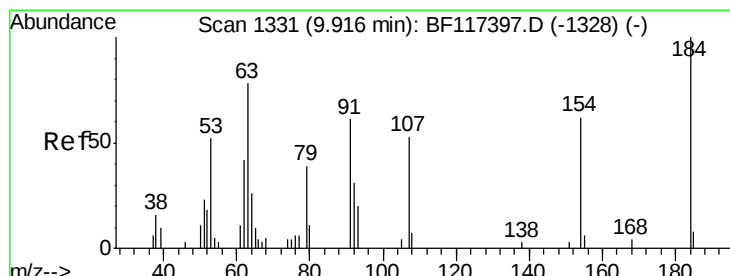
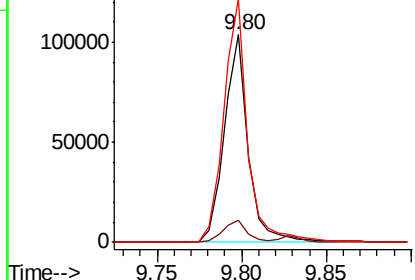
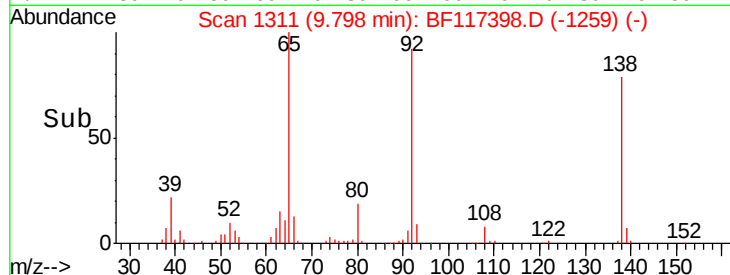
#53
3-Nitroaniline
Concen: 48.739 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 101262
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 117.2 102.2 153.4

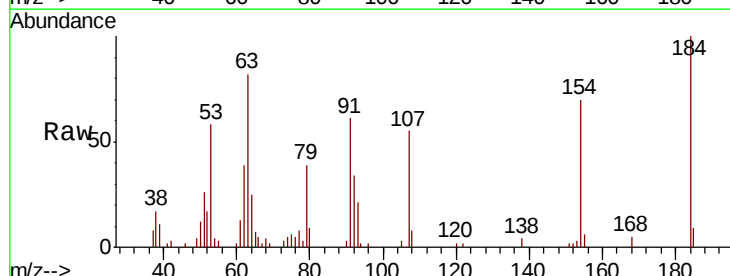


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

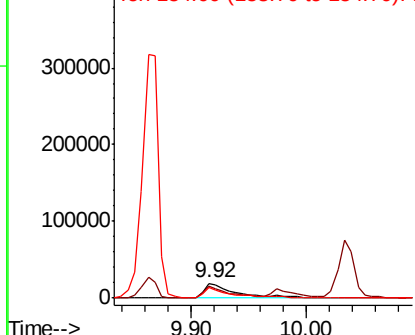
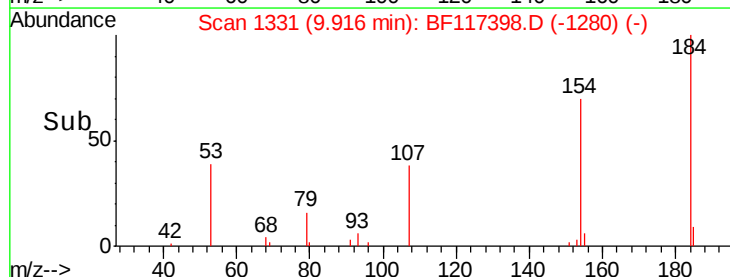


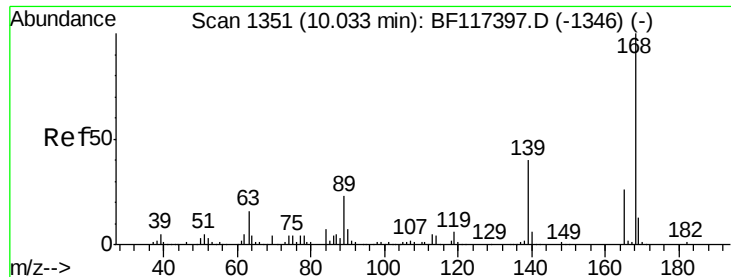
#54
2,4-Dinitrophenol
Concen: 62.897 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:184 Resp: 36662
Ion Ratio Lower Upper
184 100
63 82.4 62.4 93.6
154 70.4 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

Dibenzofuran

Concen: 48.880 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

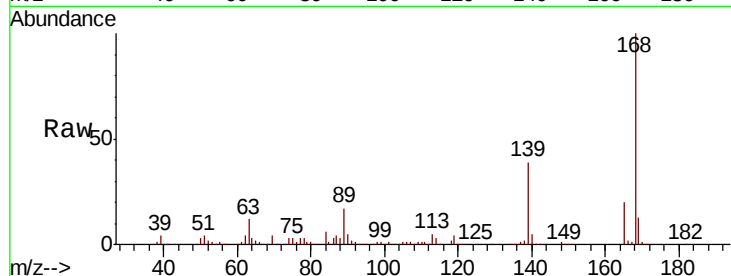
Tot Ion:168 Resp: 452731

Ion Ratio Lower Upper

168 100

139 38.7 33.3 49.9

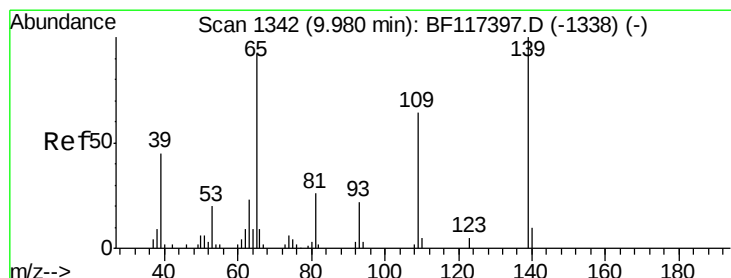
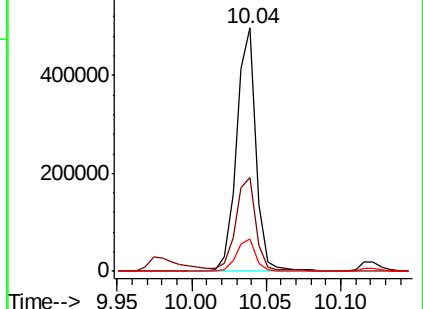
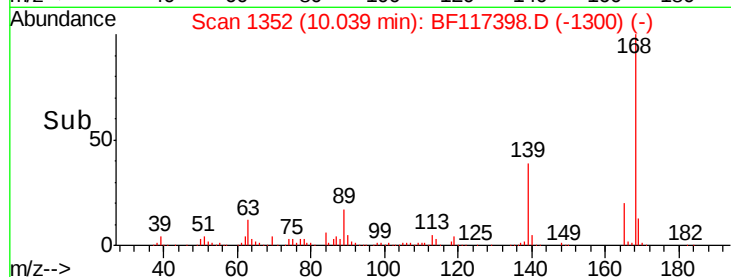
169 13.1 10.7 16.1



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: 32.768 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

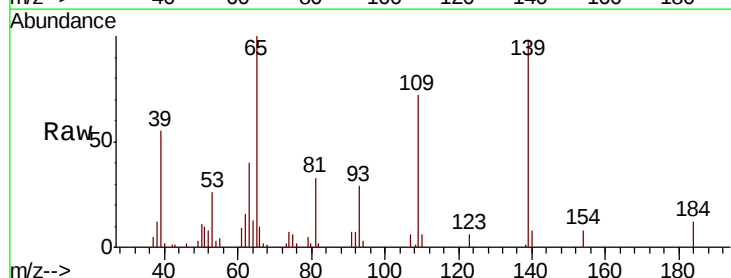
Tgt Ion:139 Resp: 44124

Ion Ratio Lower Upper

139 100

109 73.5 43.8 83.8

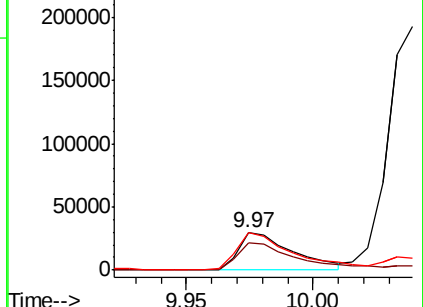
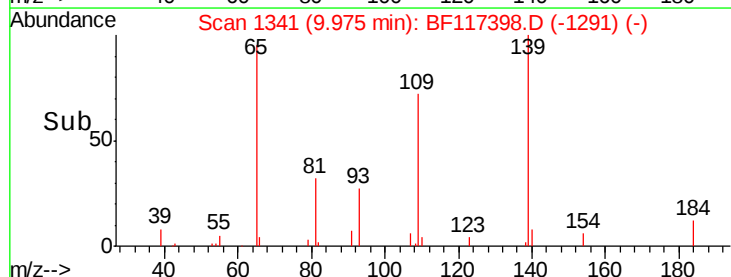
65 101.8 73.9 113.9

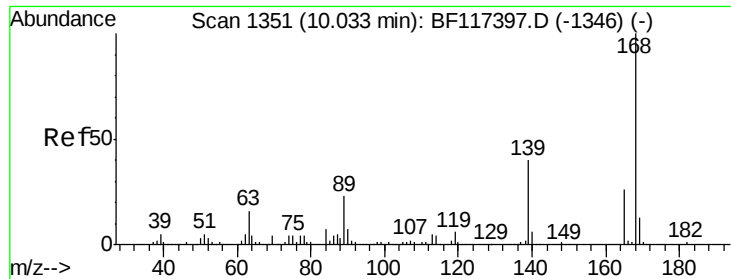


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

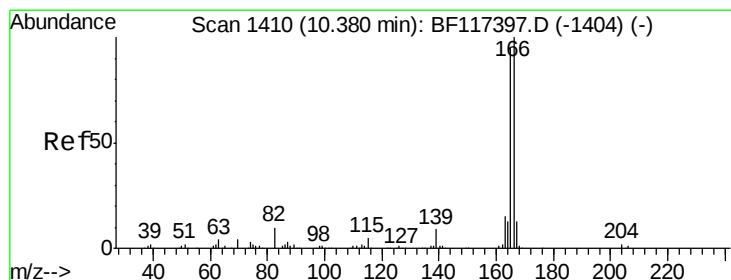
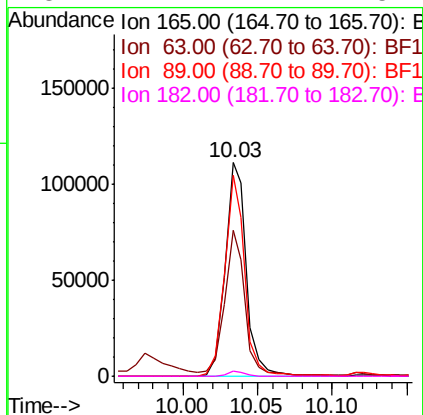
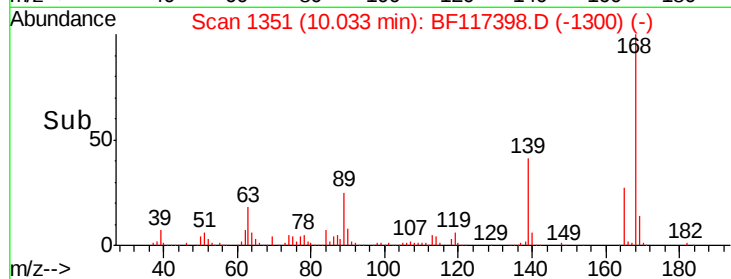
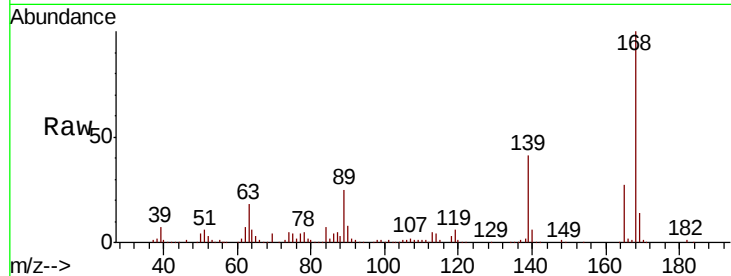




#57
2,4-Dinitrotoluene
Concen: 52.478 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

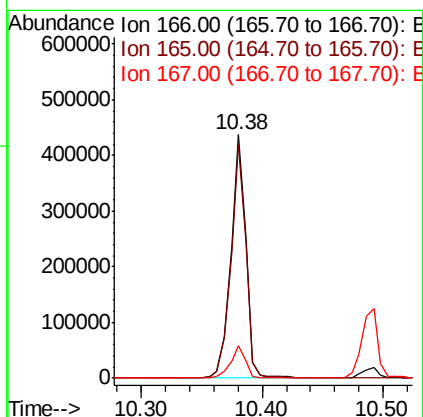
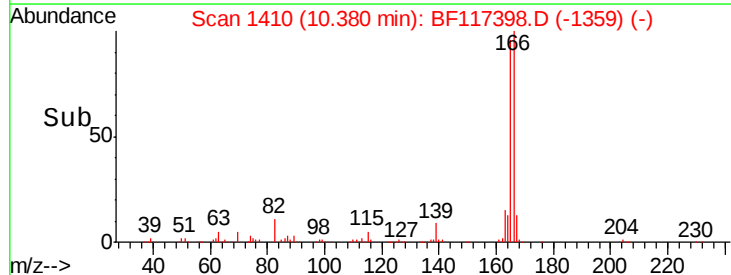
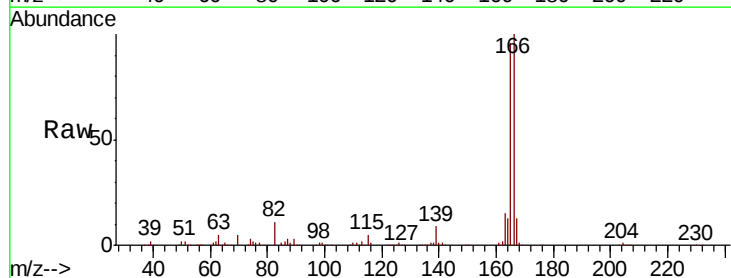
Instrument :
BNA_F
ClientSampleId :

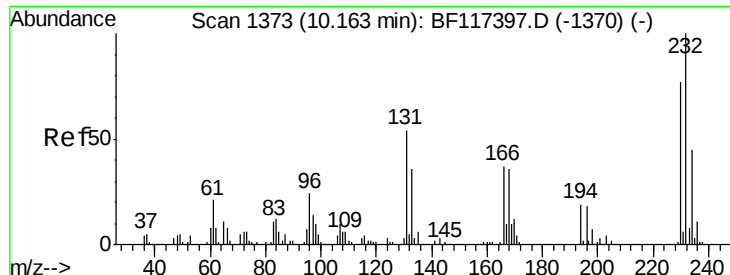
Tot Ion:165 Resp: 112174
Ion Ratio Lower Upper
165 100
63 68.6 51.0 76.4
89 94.1 70.7 106.1
182 2.4 2.1 3.1



#58
Fluorene
Concen: 50.679 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:166 Resp: 378111
Ion Ratio Lower Upper
166 100
165 95.8 75.7 113.5
167 13.4 10.4 15.6

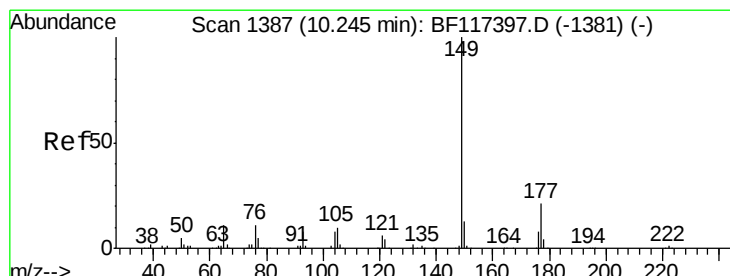
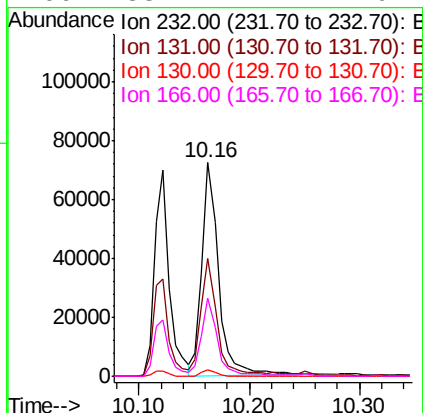
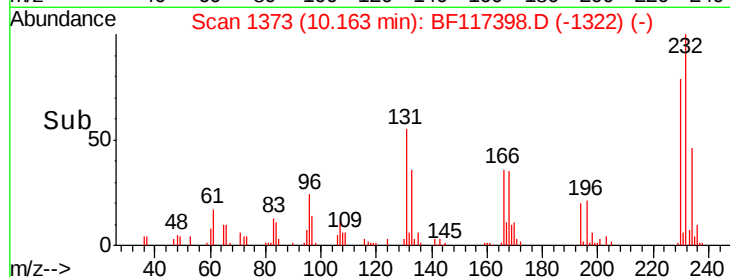
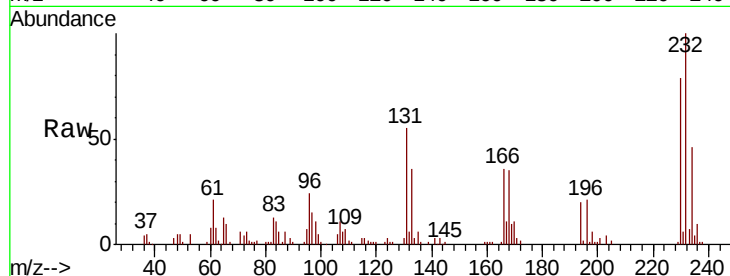




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.661 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

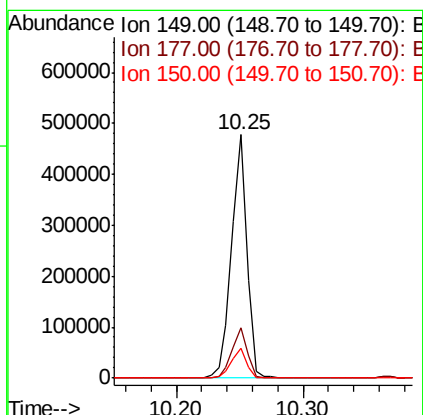
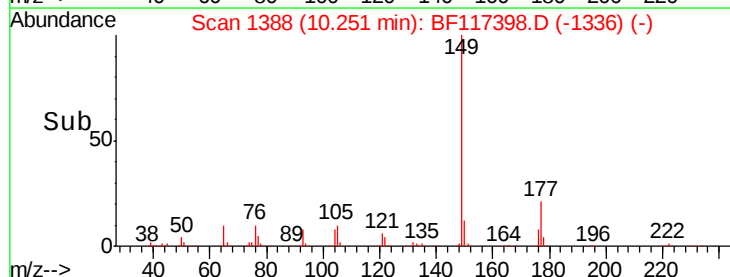
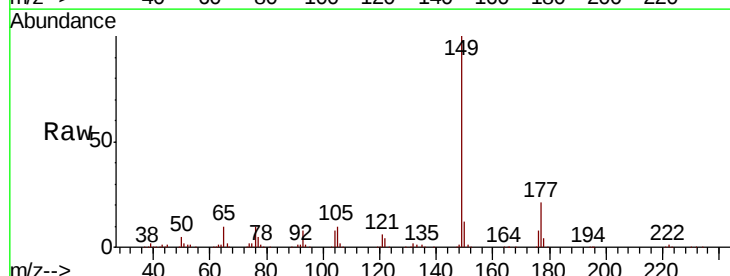
Instrument :
 BNA_F
 ClientSampled :

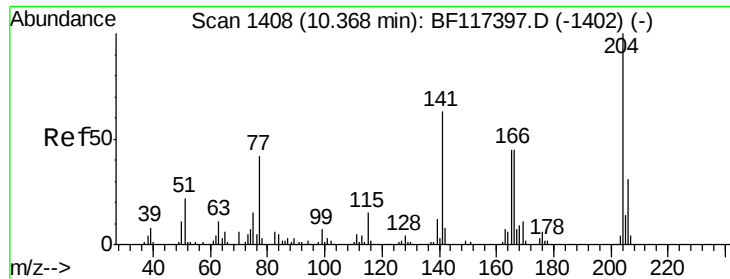
Tot Ion:232 Resp: 74706
 Ion Ratio Lower Upper
 232 100
 131 54.8 44.5 66.7
 130 2.4 2.0 3.0
 166 33.7 27.1 40.7



#60
 Diethylphthalate
 Concen: 50.188 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion:149 Resp: 399224
 Ion Ratio Lower Upper
 149 100
 177 20.7 16.5 24.7
 150 12.5 10.1 15.1

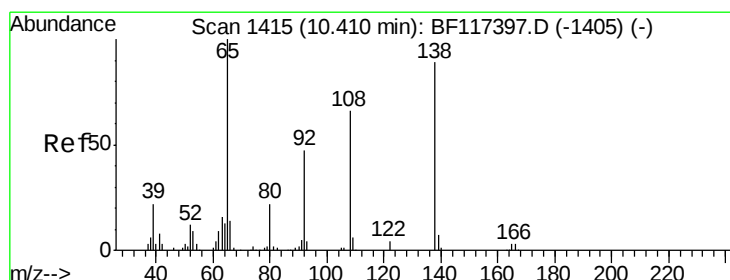
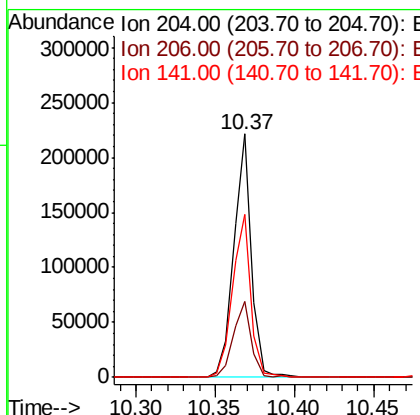
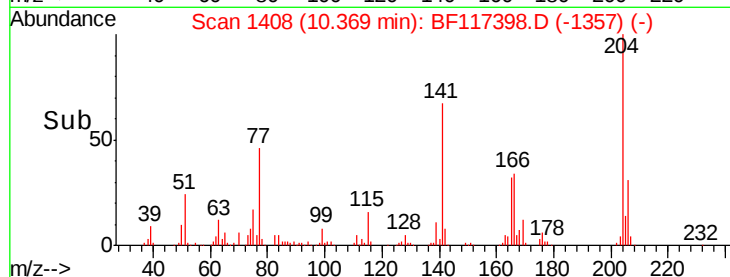
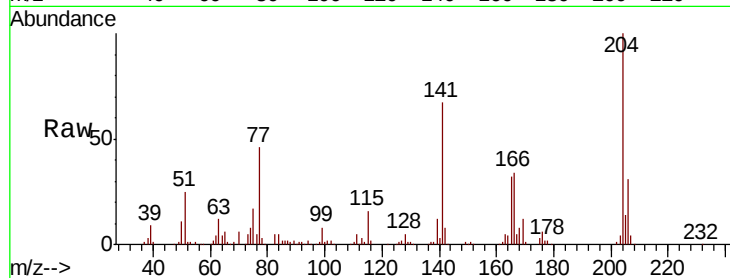




#61
4-Chlorophenyl-phenylether
Concen: 52.695 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

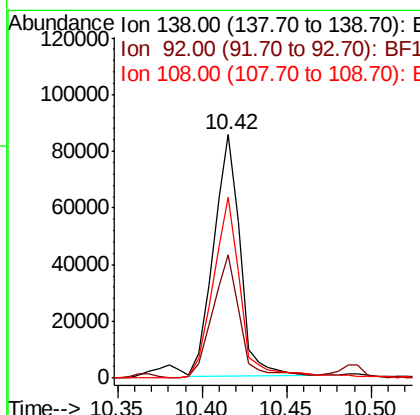
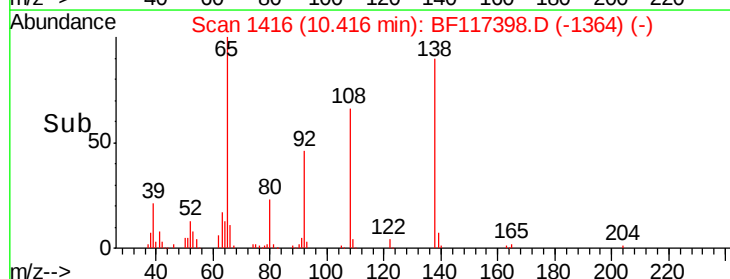
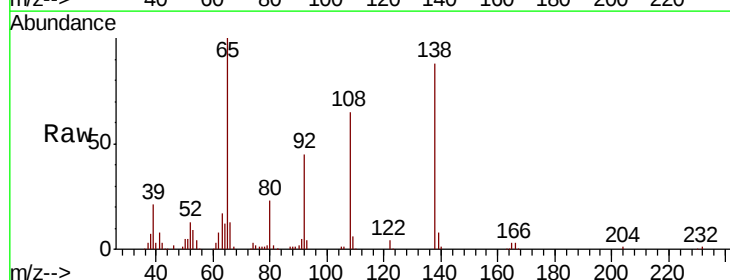
Instrument :
BNA_F
ClientSampleId :

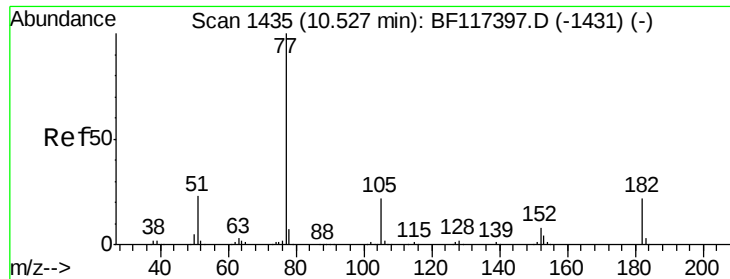
Tot Ion:204 Resp: 170102
Ion Ratio Lower Upper
204 100
206 31.3 25.0 37.4
141 66.8 50.7 76.1



#62
4-Nitroaniline
Concen: 43.815 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:138 Resp: 94669
Ion Ratio Lower Upper
138 100
92 50.6 32.4 72.4
108 74.1 53.8 93.8





#63

Azobenzene

Concen: 50.027 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 406428

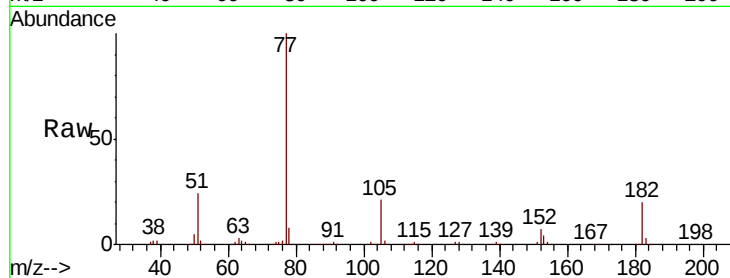
Ion Ratio Lower Upper

77 100

182 20.2 1.5 41.5

105 20.9 1.8 41.8

51 23.8 3.3 43.3

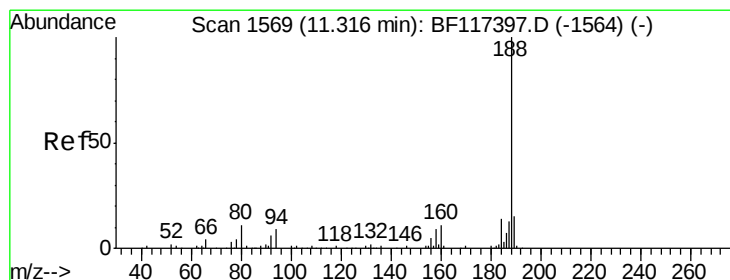
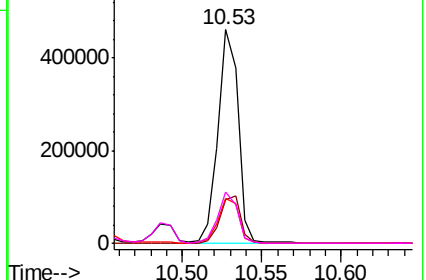
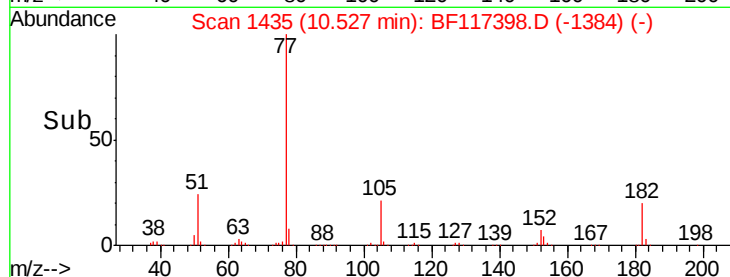


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117398.D

Acq: 14 Oct 2019 13:29

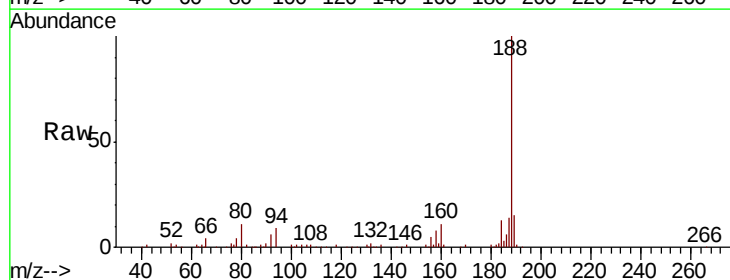
Tgt Ion: 188 Resp: 180753

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

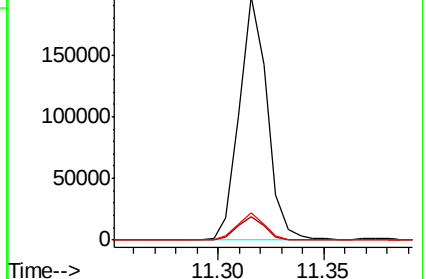
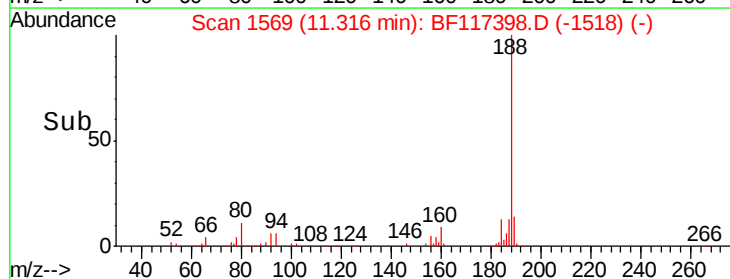
80 11.3 8.7 13.1

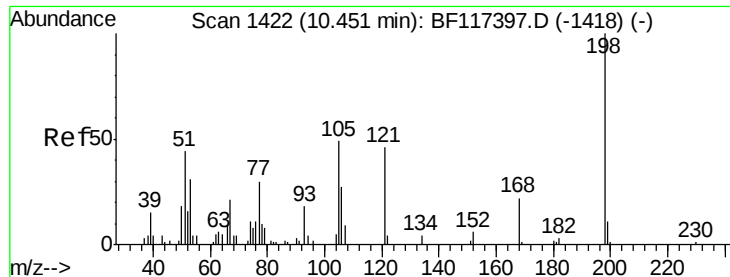


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

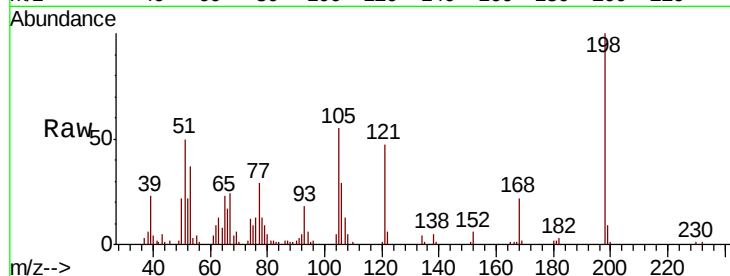




#65
4,6-Dinitro-2-methylphenol
Concen: 59.353 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.9	25.9	65.9
105	55.4	29.4	69.4

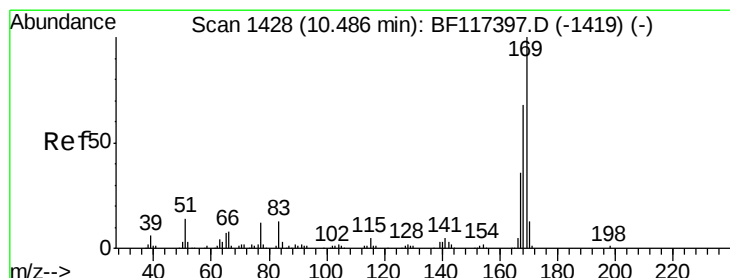
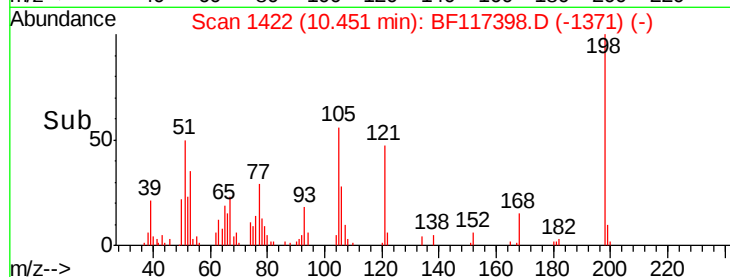
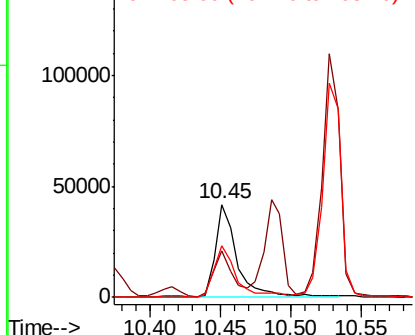


Abundance

Ion 198.00 (197.70 to 198.70): E

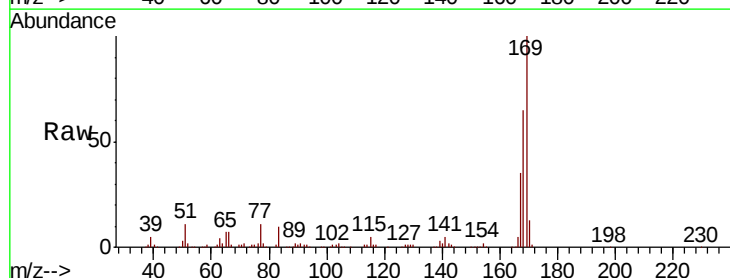
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 51.597 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.0	54.1	81.1
167	35.2	28.8	43.2

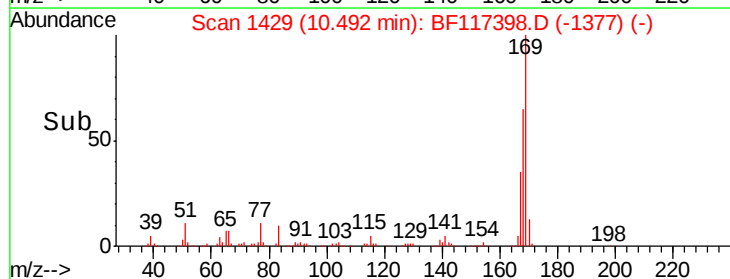
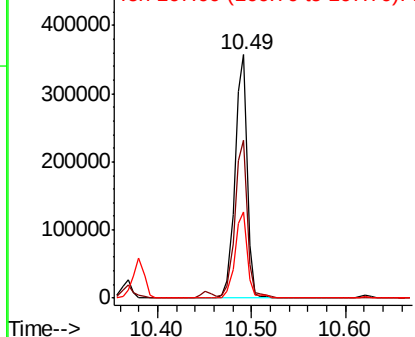


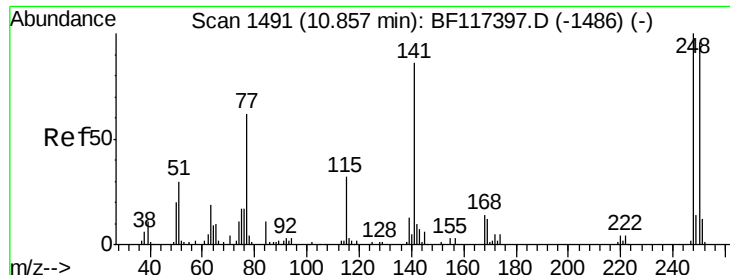
Abundance

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

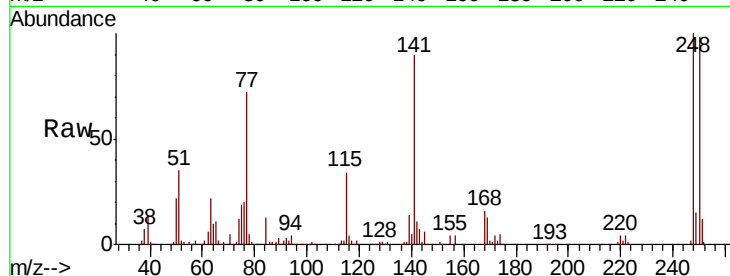




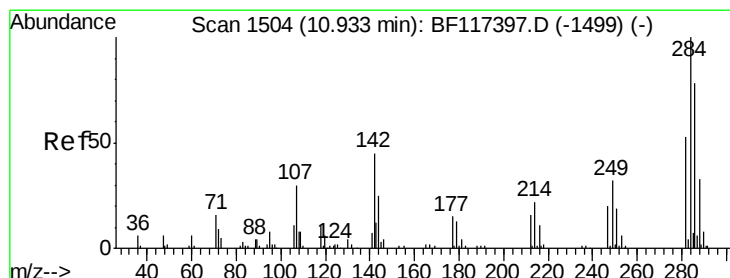
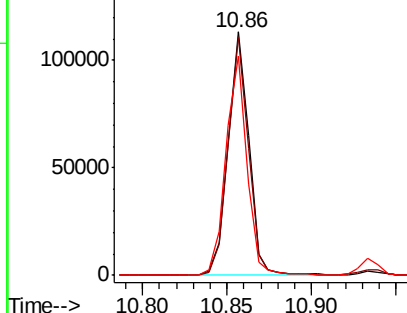
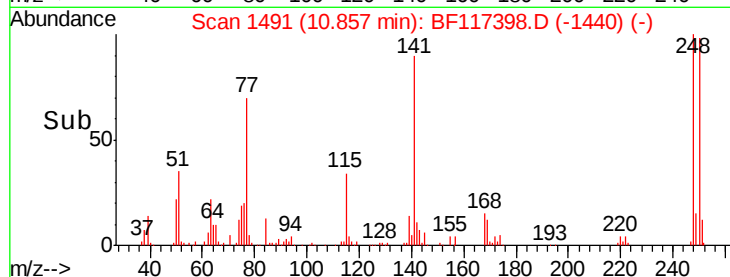
#67
4-Bromophenyl-phenylether
Concen: 52.403 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 96731
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 90.0 69.1 103.7

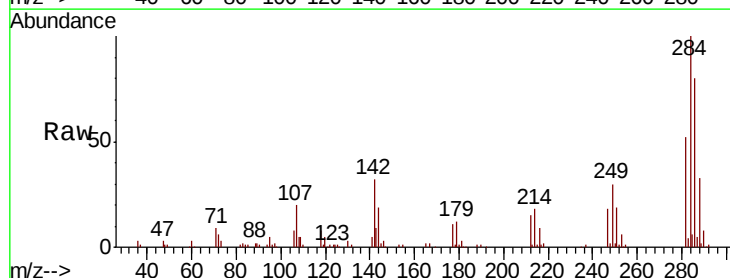


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

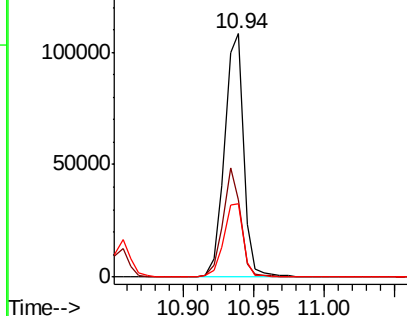
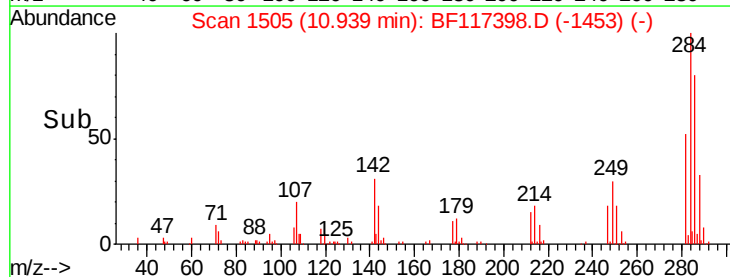


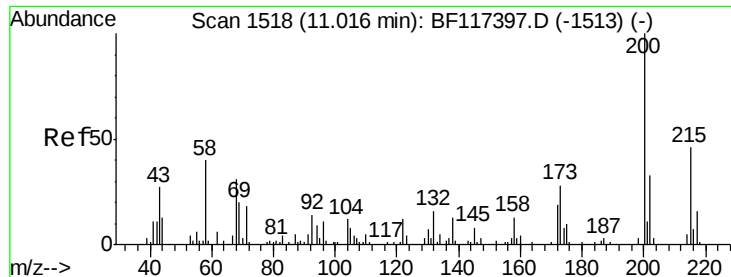
#68
Hexachlorobenzene
Concen: 50.869 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:284 Resp: 102705
Ion Ratio Lower Upper
284 100
142 31.9 35.7 53.5#
249 29.9 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: 35.265 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

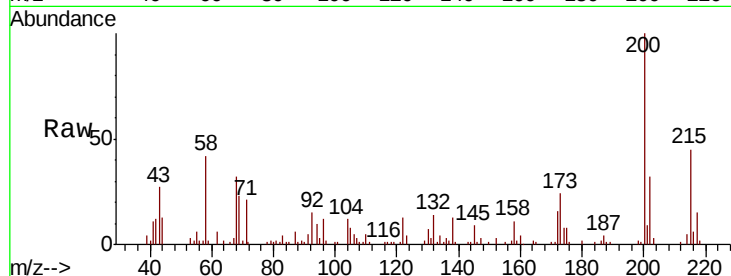
Tot Ion:200 Resp: 54076

Ion Ratio Lower Upper

200 100

173 24.3 8.0 48.0

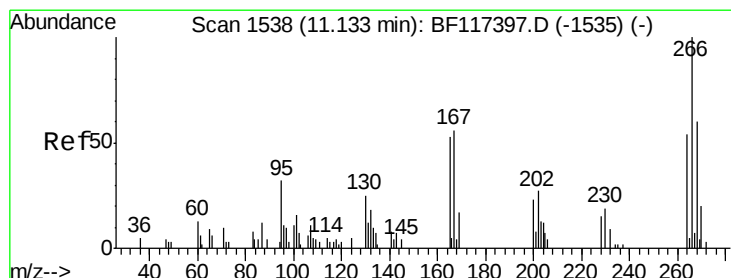
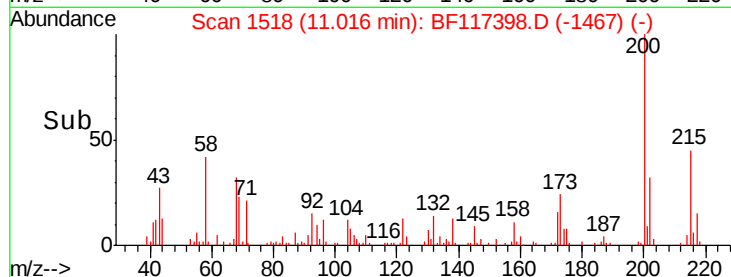
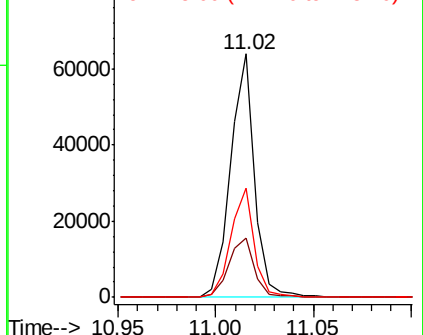
215 45.1 25.8 65.8



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: 33.111 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

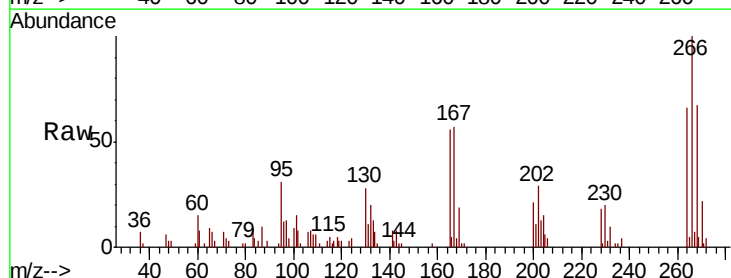
Tgt Ion:266 Resp: 31336

Ion Ratio Lower Upper

266 100

268 67.4 47.8 71.6

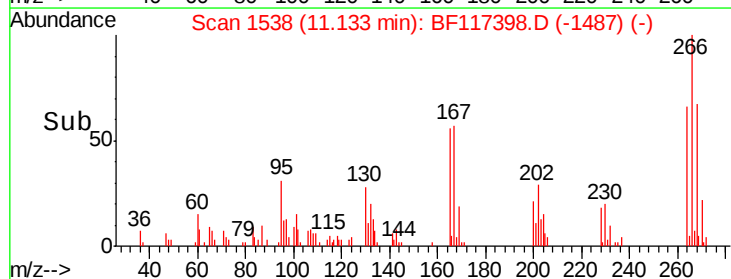
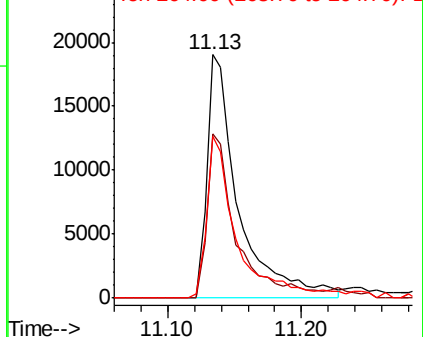
264 66.3 42.9 64.3#

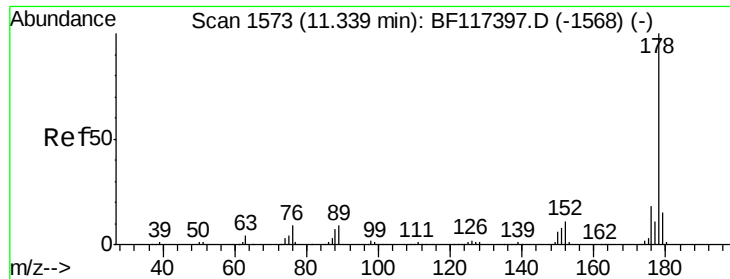


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

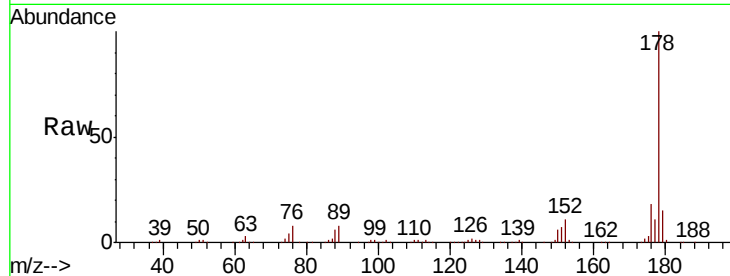




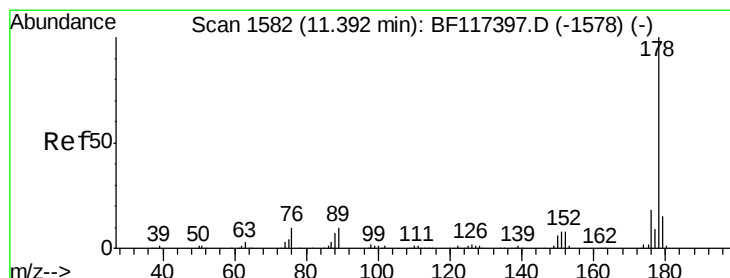
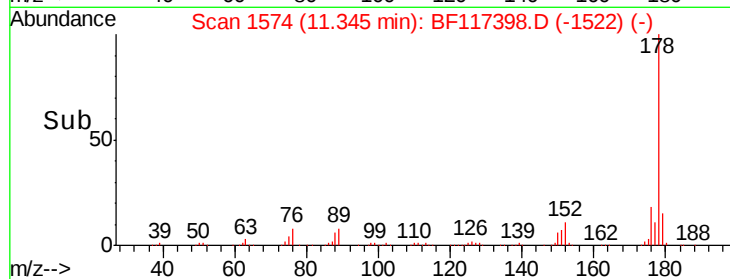
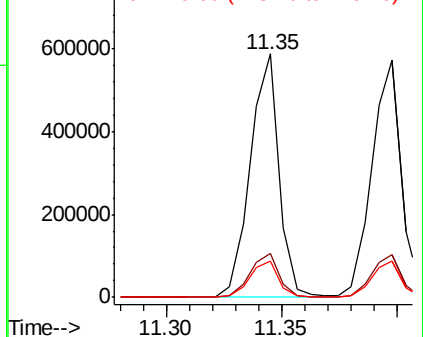
#71
Phenanthrene
Concen: 50.128 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 514646
Ion Ratio Lower Upper
178 100
176 17.9 14.6 22.0
179 15.1 12.3 18.5

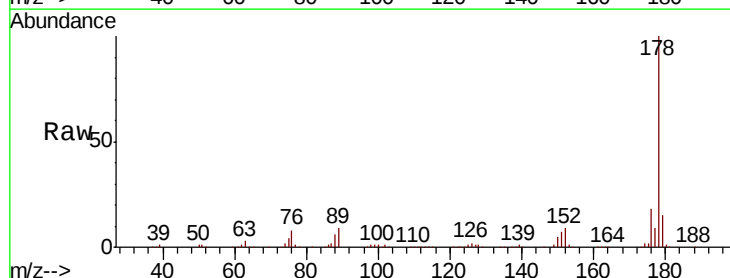


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

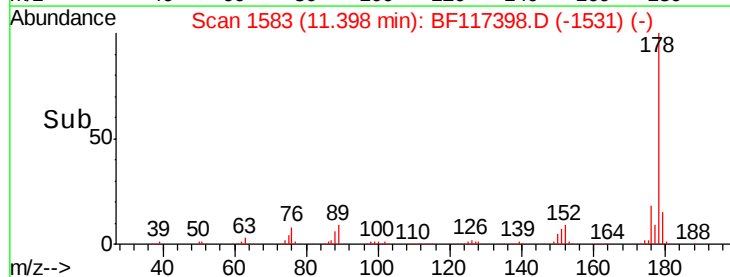
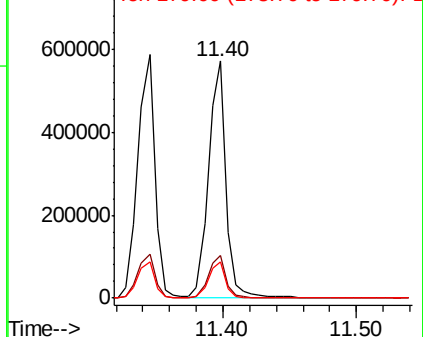


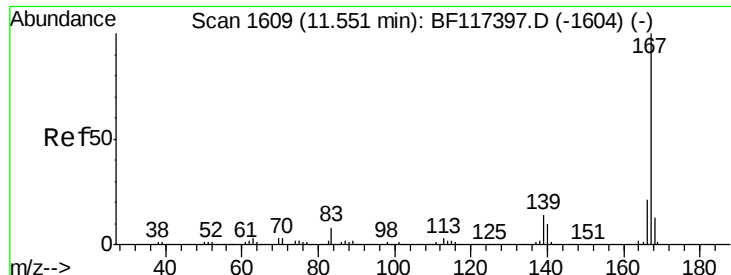
#72
Anthracene
Concen: 49.834 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:178 Resp: 522341
Ion Ratio Lower Upper
178 100
176 17.8 14.4 21.6
179 15.3 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

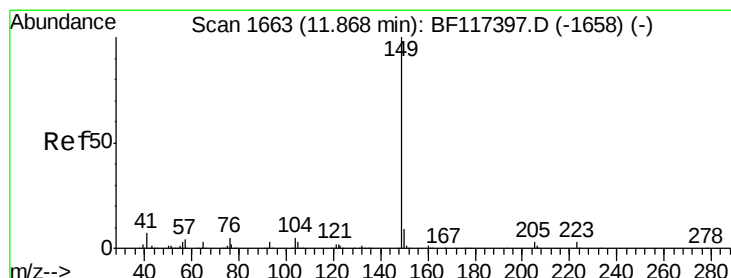
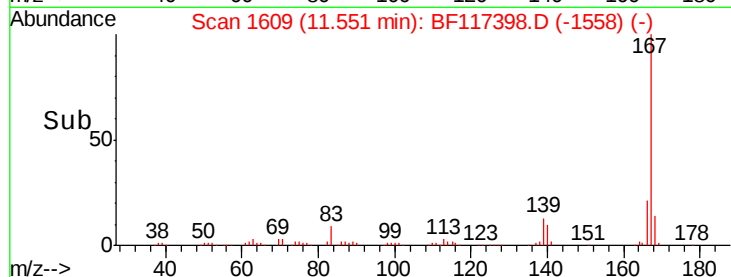
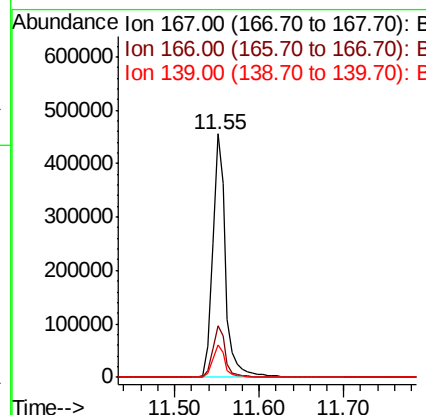
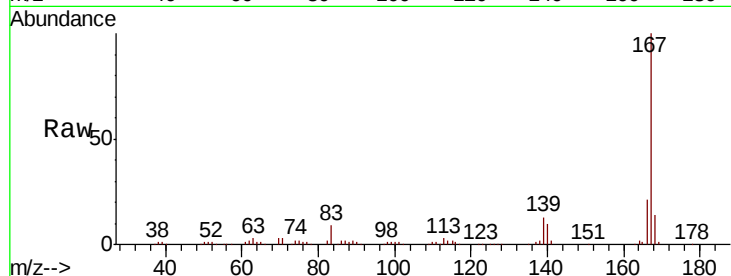




#73
 Carbazole
 Concen: 48.804 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

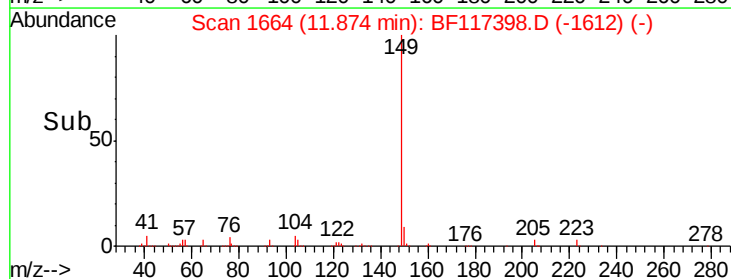
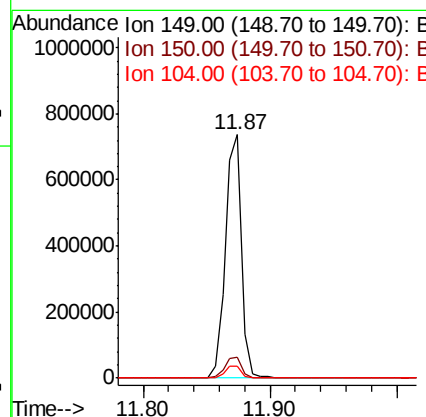
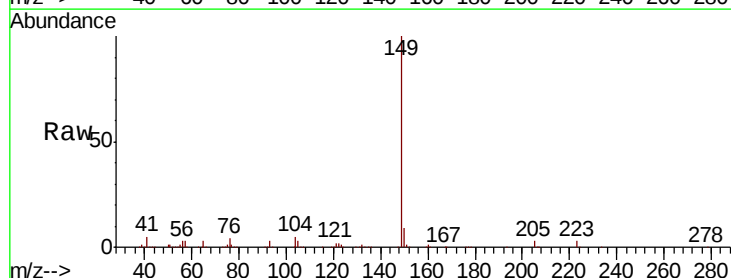
Instrument :
 BNA_F
 ClientSampleId :

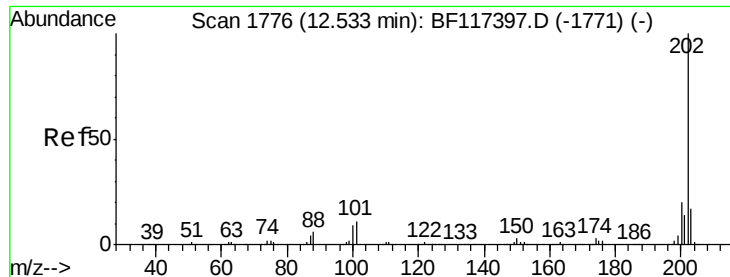
Tot Ion:167 Resp: 485554
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 55.278 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion:149 Resp: 654338
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.0 10.6
 104 4.9 4.2 6.2

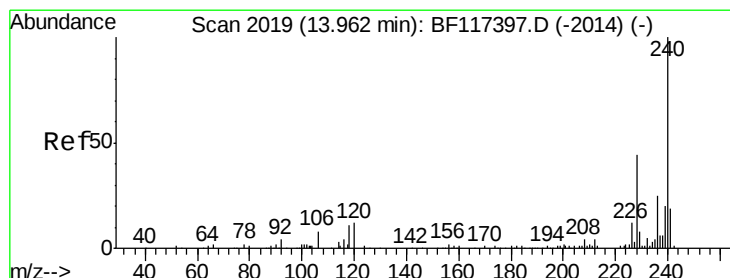
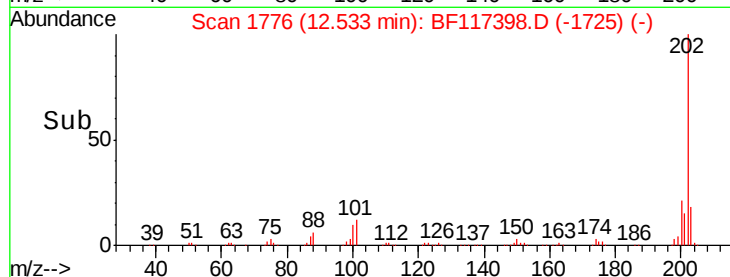
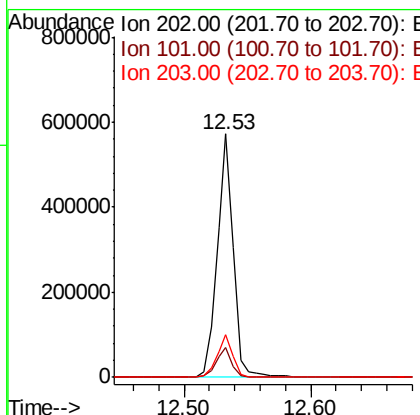
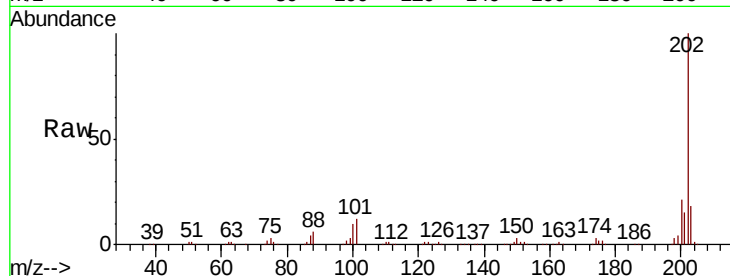




#75
 Fluoranthene
 Concen: 48.638 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

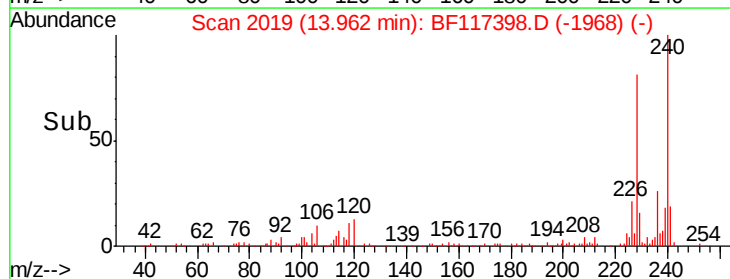
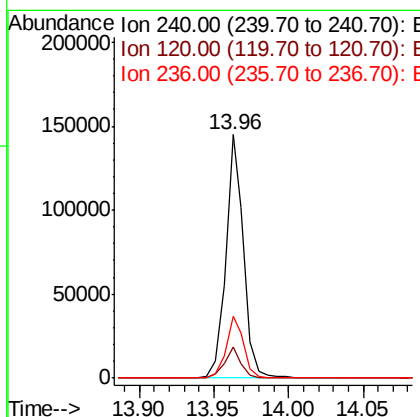
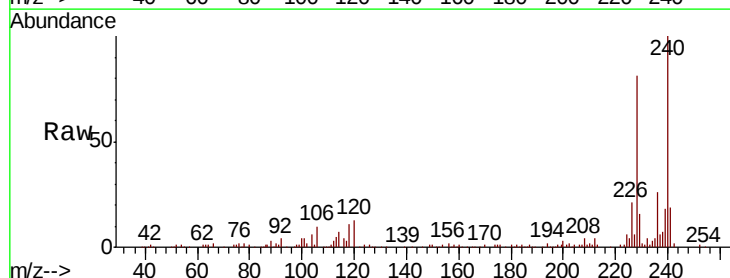
Instrument :
 BNA_F
 ClientSampleId :

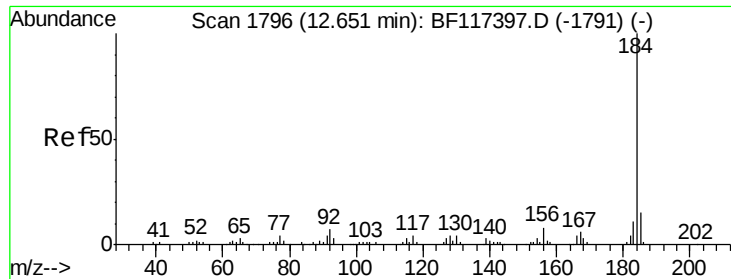
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.3
203	17.7	0.0	36.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117398.D
 Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.4	14.0
236	25.6	19.8	29.6





#77

Benzidine

Concen: 41.168 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

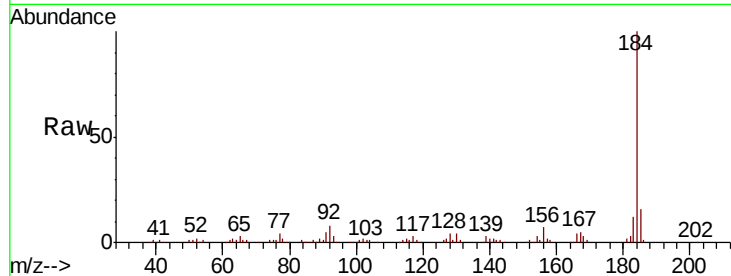
Tot Ion:184 Resp: 161039

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

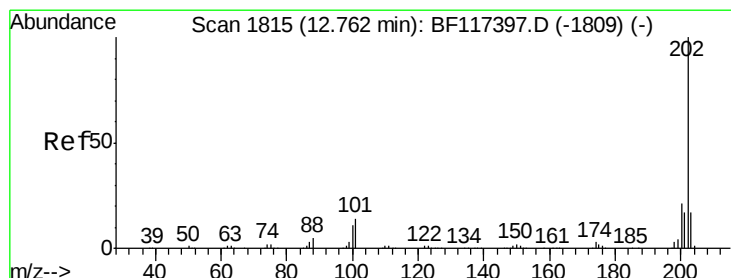
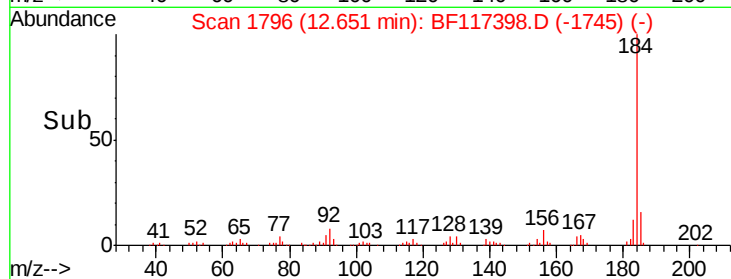
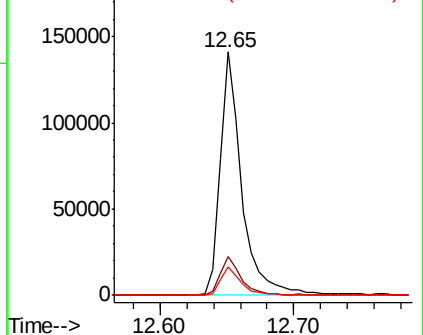
183 11.8 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.233 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

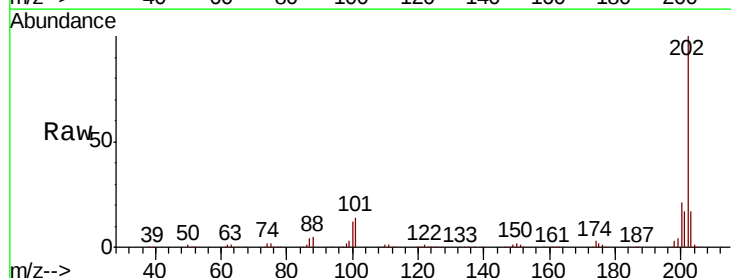
Tgt Ion:202 Resp: 522034

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

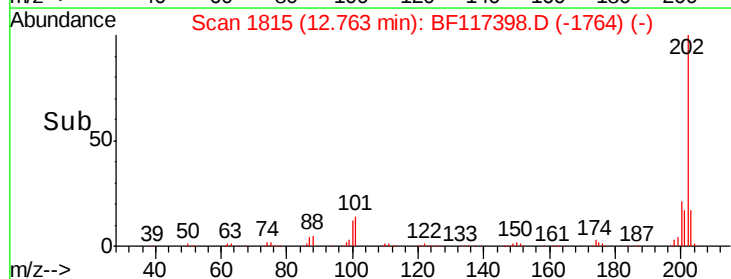
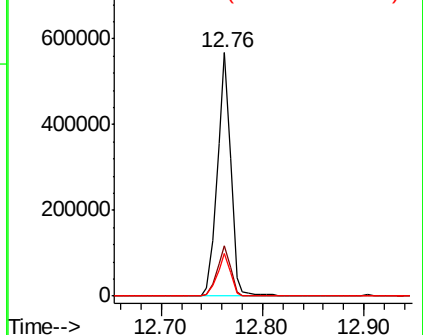
203 17.3 14.0 21.0

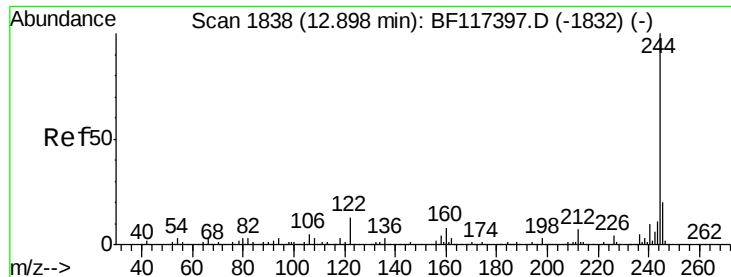


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 110.909 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

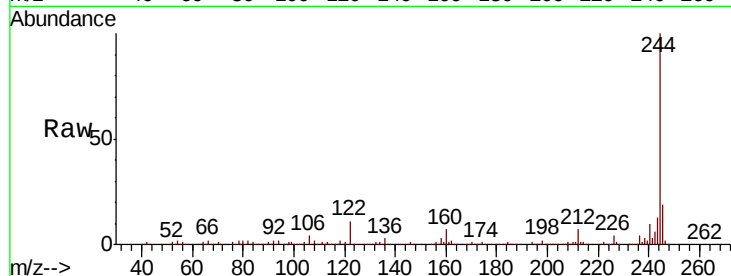
Tot Ion:244 Resp: 720529

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

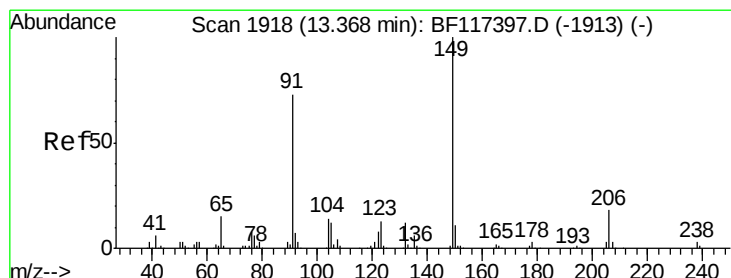
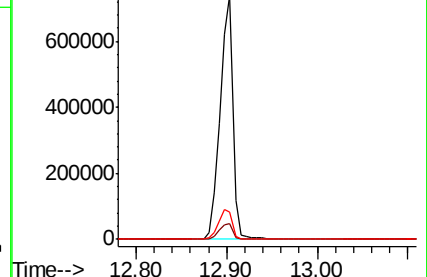
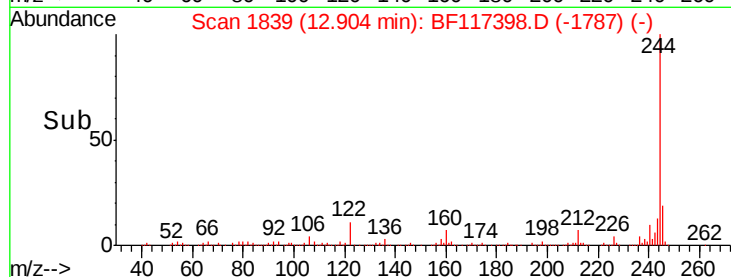
122 11.4 10.7 16.1



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: 54.724 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

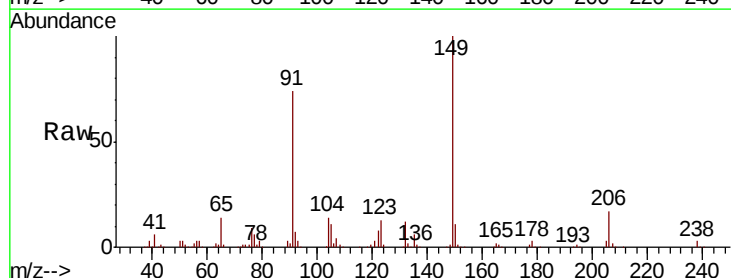
Tgt Ion:149 Resp: 263475

Ion Ratio Lower Upper

149 100

91 74.5 58.5 87.7

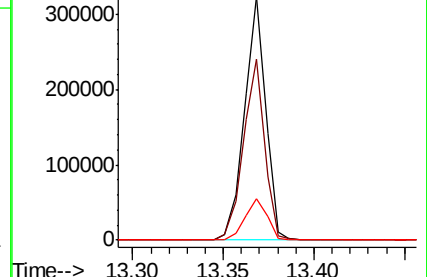
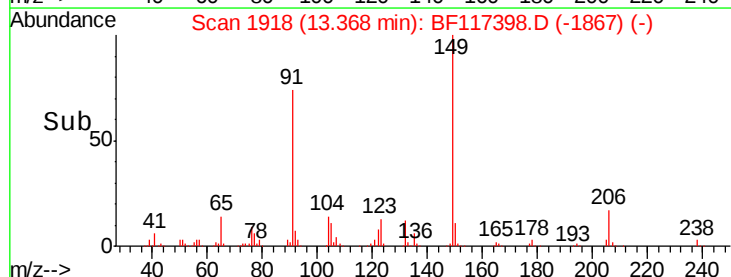
206 17.2 14.4 21.6

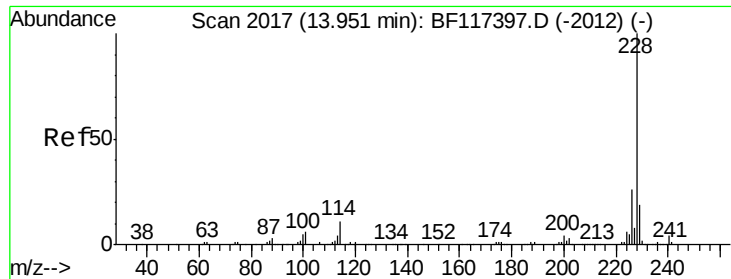


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.257 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

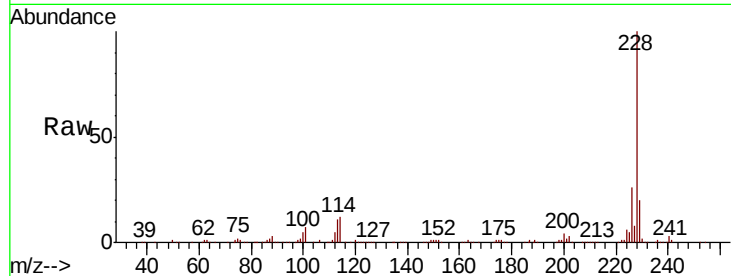
Tot Ion:228 Resp: 407748

Ion Ratio Lower Upper

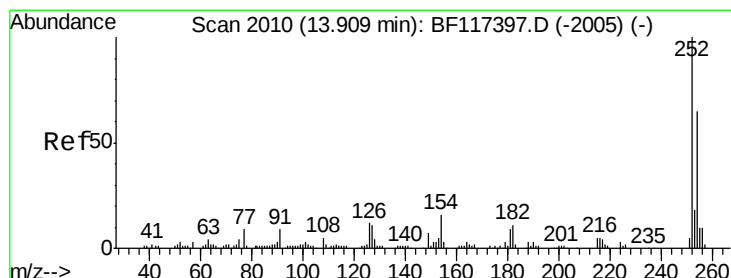
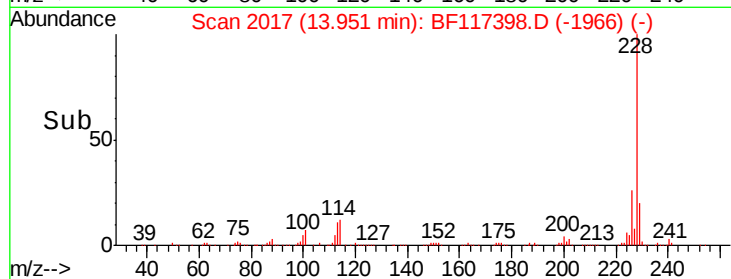
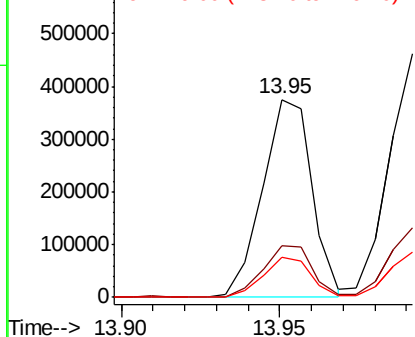
228 100

226 25.9 20.9 31.3

229 20.1 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: 46.157 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

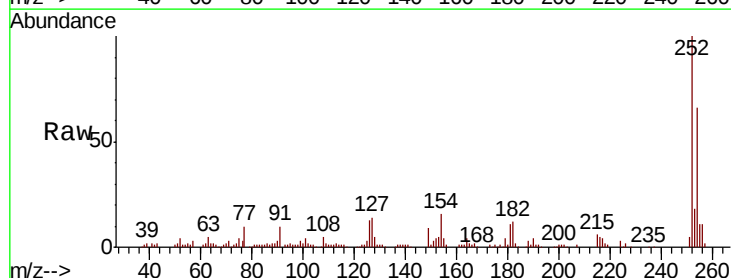
Tgt Ion:252 Resp: 120676

Ion Ratio Lower Upper

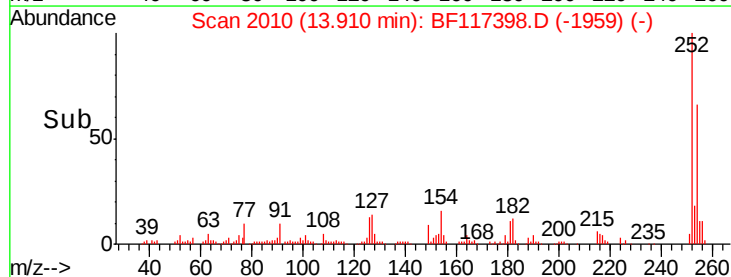
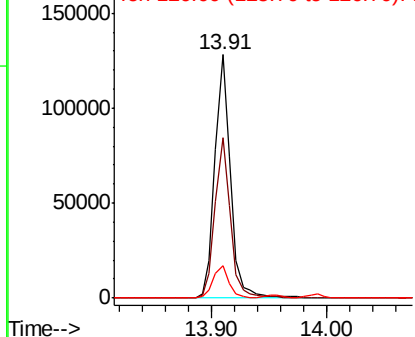
252 100

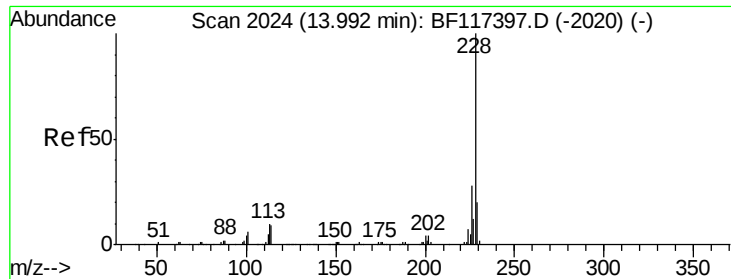
254 66.0 51.6 77.4

126 13.3 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: 51.263 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

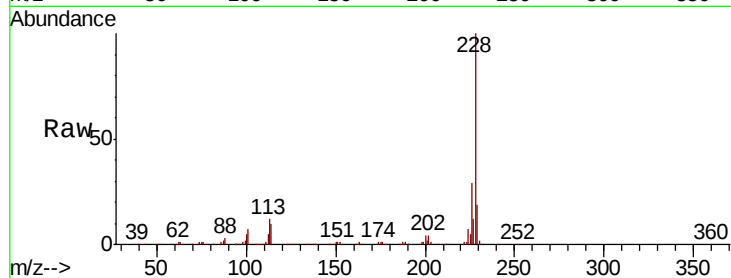
Tot Ion:228 Resp: 405646

Ion Ratio Lower Upper

228 100

226 28.6 22.8 34.2

229 18.6 15.7 23.5

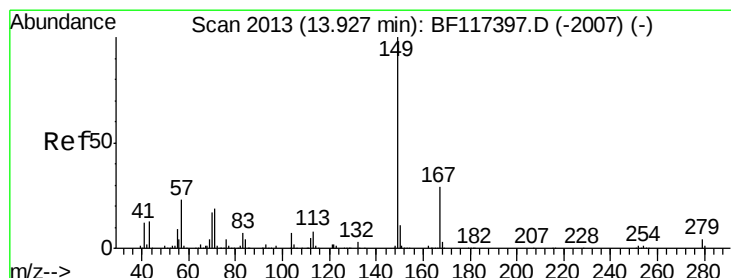
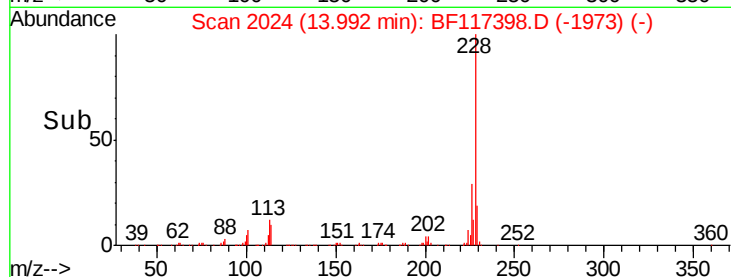
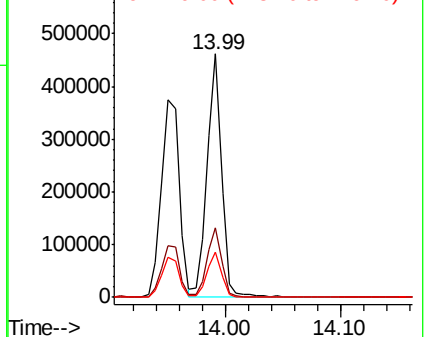


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.361 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

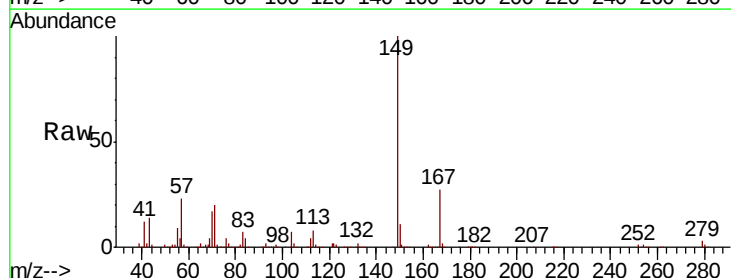
Tgt Ion:149 Resp: 368503

Ion Ratio Lower Upper

149 100

167 27.4 23.0 34.6

279 3.3 3.0 4.6

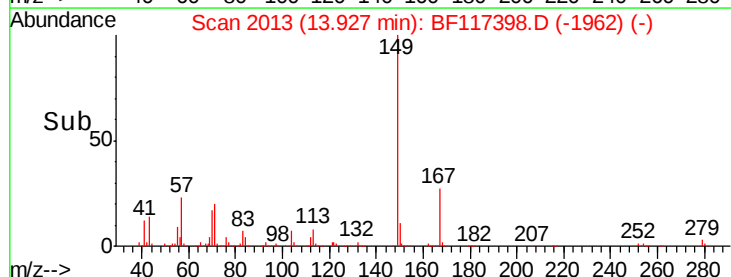
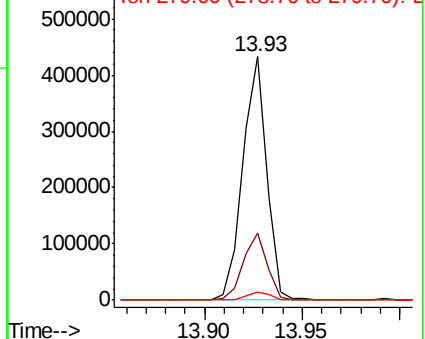


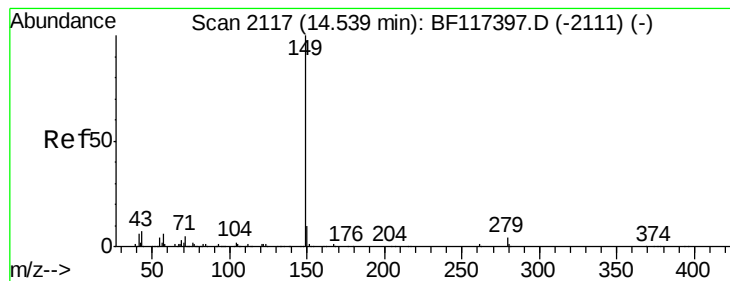
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.215 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

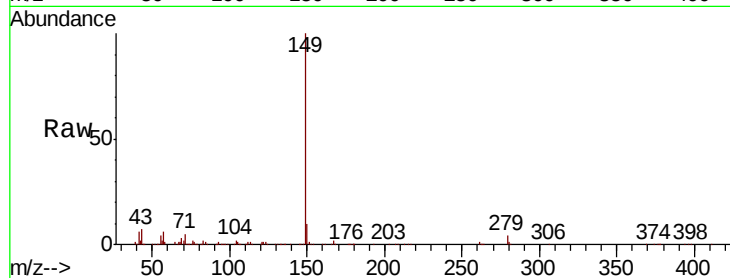
Tot Ion:149 Resp: 559032

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

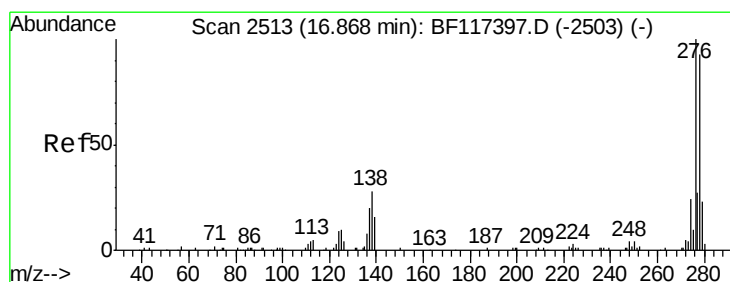
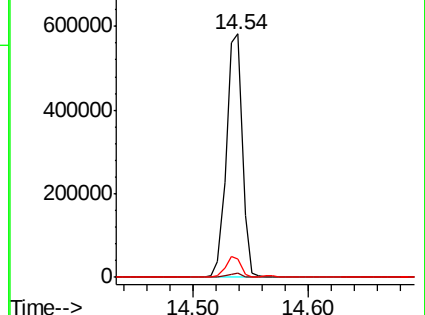
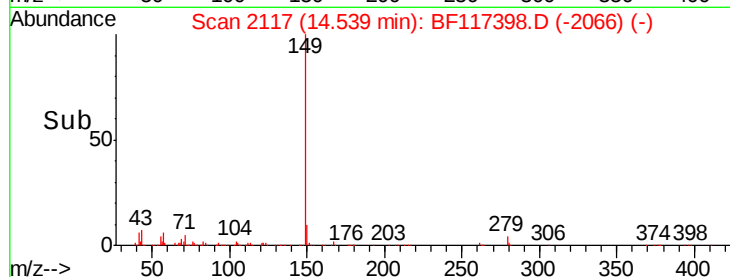
43 8.4 6.6 9.8



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: 46.096 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

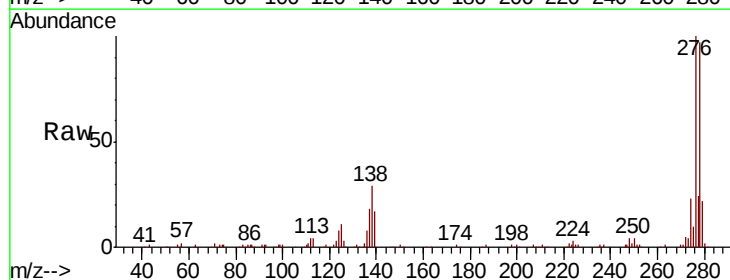
Tgt Ion:276 Resp: 266115

Ion Ratio Lower Upper

276 100

138 27.2 21.5 32.3

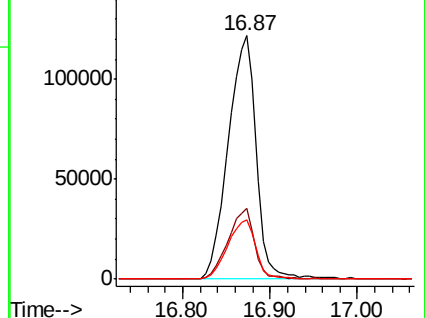
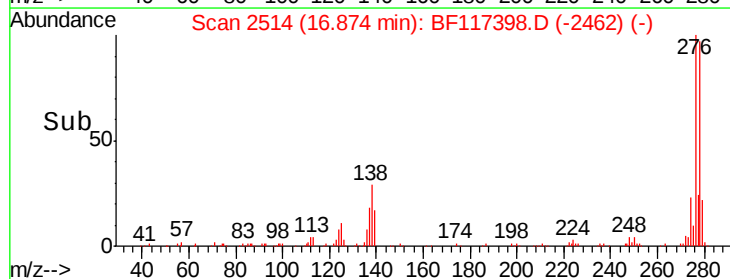
277 24.5 20.1 30.1

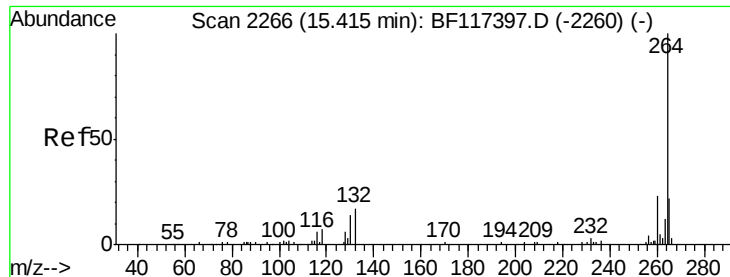


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

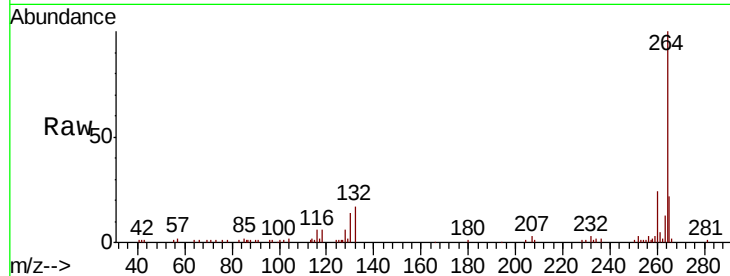




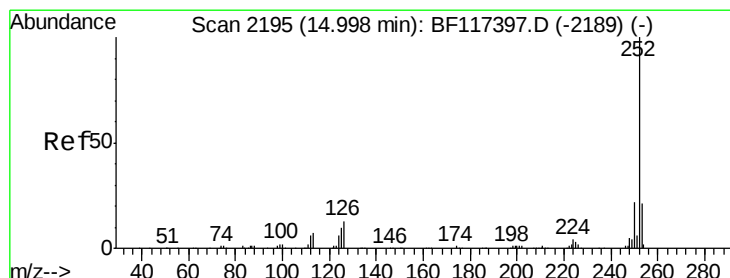
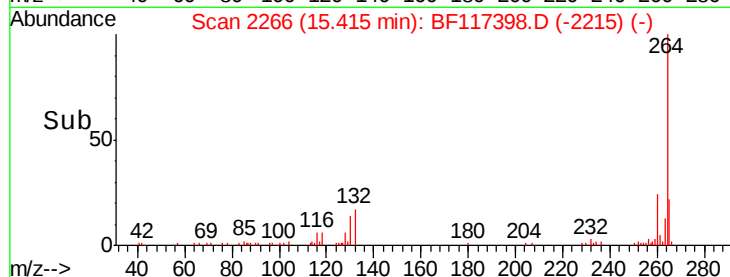
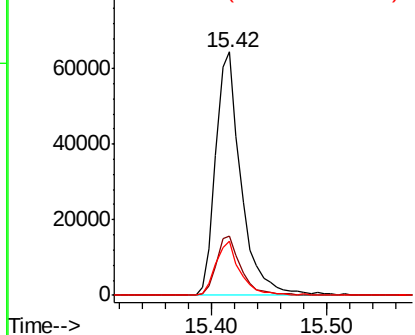
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 98668
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 22.5 17.4 26.0

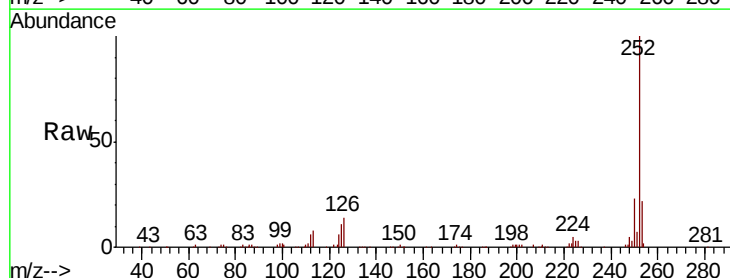


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

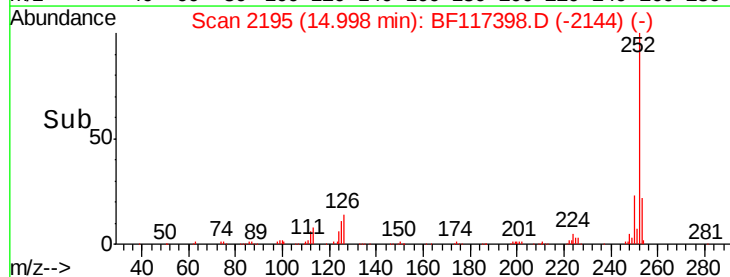
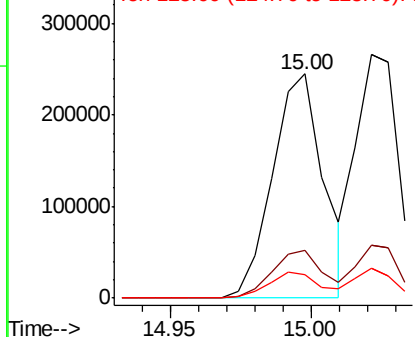


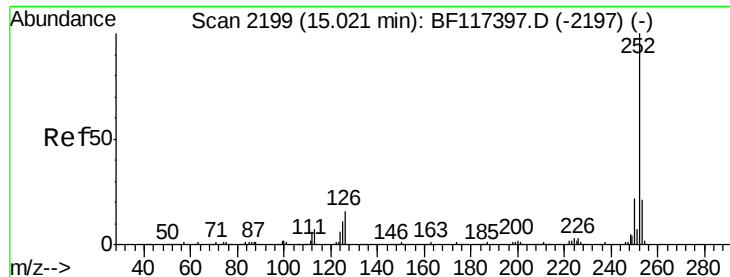
#88
Benzo(b)fluoranthene
Concen: 51.323 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion:252 Resp: 306740
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.5 8.2 12.2



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





#89

Benzo(k)fluoranthene

Concen: 51.270 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

Instrument :

BNA_F

ClientSampleId :

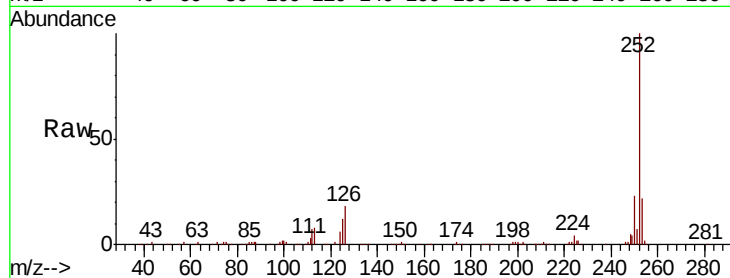
Tot Ion:252 Resp: 290267

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

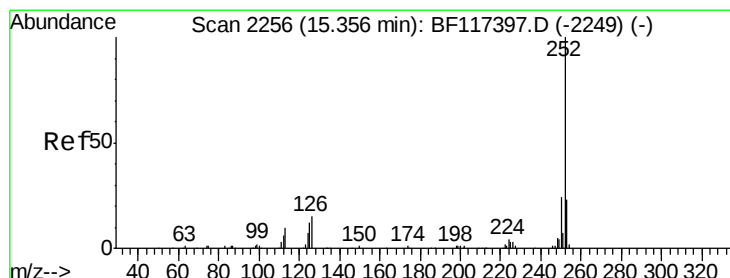
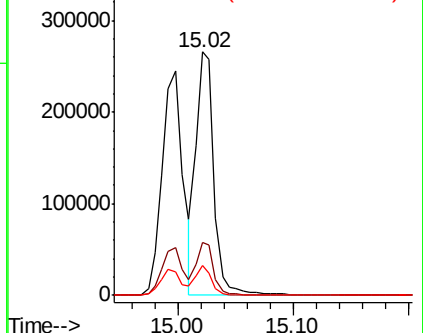
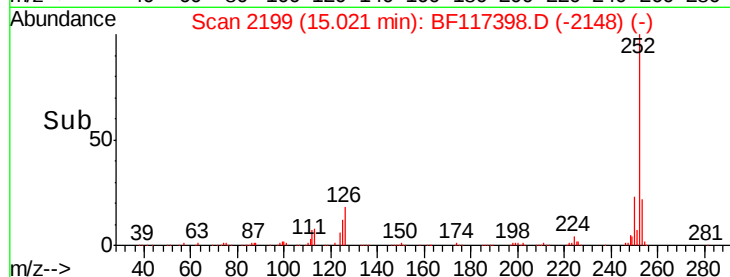
125 12.3 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.306 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.00 min

Lab File: BF117398.D

Acq: 14 Oct 2019 13:29

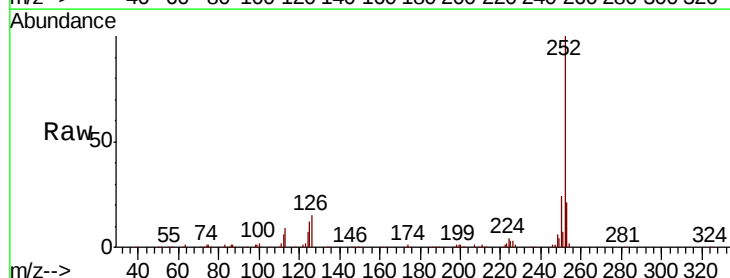
Tgt Ion:252 Resp: 263835

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

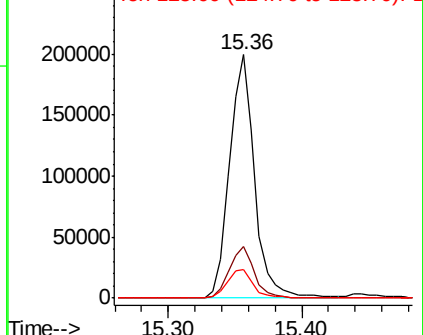
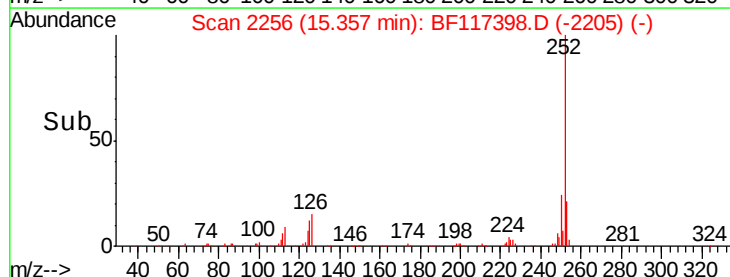
125 11.9 9.4 14.0

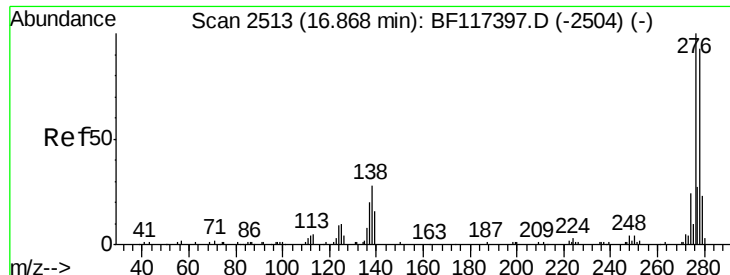


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

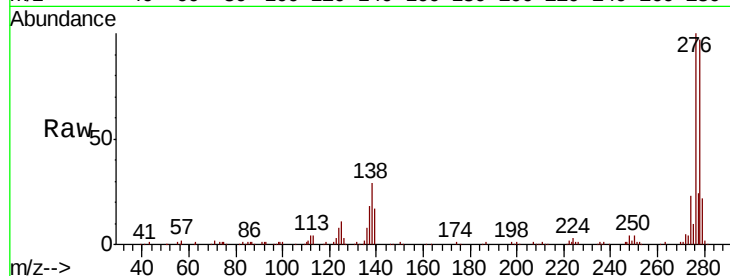




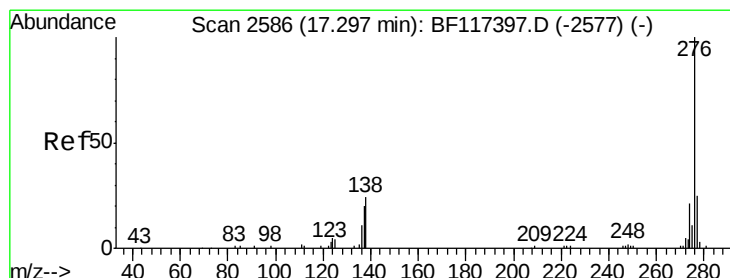
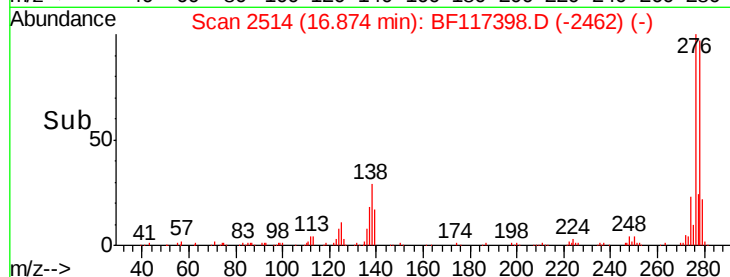
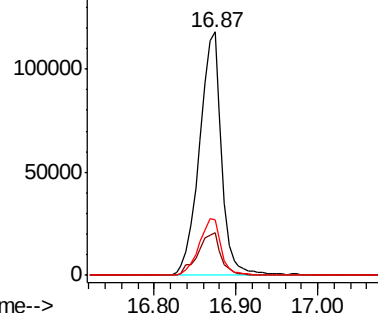
#91
Dibenzo(a,h)anthracene
Concen: 53.445 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.1	21.1
279	23.0	19.8	29.6

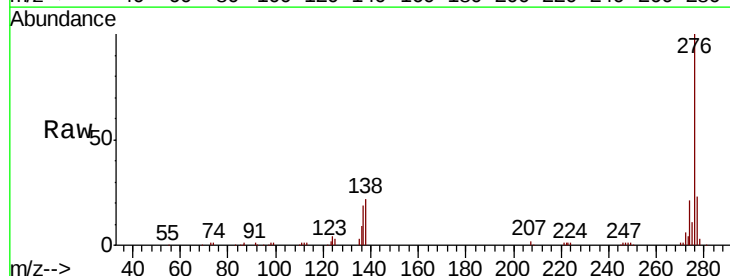


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.088 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117398.D
Acq: 14 Oct 2019 13:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.9	29.9
138	21.8	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

