

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117396.D
 Acq On : 14 Oct 2019 12:36
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 14:27:10 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	47665	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	203311	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	103310	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	169782	20.00	ng	0.00
76) Chrysene-d12	13.96	240	127417	20.00	ng	0.00
87) Perylene-d12	15.41	264	111218	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	130028	42.59	ng	0.00
7) Phenol-d6	6.43	99	171403	43.44	ng	0.00
23) Nitrobenzene-d5	7.36	82	166842	43.12	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	35414	41.02	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	300501	45.48	ng	0.00
79) Terphenyl-d14	12.90	244	308271	45.22	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.52	88	26447	20.702	ng	98
3) Pyridine	3.27	79	60601	17.331	ng	98
4) n-Nitrosodimethylamine	3.20	42	19435	16.196	ng	88
6) Aniline	6.46	93	107628	21.187	ng	# 84
8) 2-Chlorophenol	6.58	128	72340	21.964	ng	96
9) Benzaldehyde	6.35	77	48668	22.590	ng	99
10) Phenol	6.45	94	90616	20.833	ng	90
11) bis(2-Chloroethyl)ether	6.52	93	69098	21.614	ng	100
12) 1,3-Dichlorobenzene	6.73	146	78657	21.283	ng	98
13) 1,4-Dichlorobenzene	6.81	146	82719	21.932	ng	97
14) 1,2-Dichlorobenzene	6.96	146	77734	22.136	ng	95
15) Benzyl Alcohol	6.94	79	63950	21.136	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	71606	22.672	ng	88
17) 2-Methylphenol	7.06	107	58745	21.282	ng	97
18) Hexachloroethane	7.30	117	31610	21.785	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	52648	21.913	ng	93
20) 3+4-Methylphenols	7.22	107	78710	22.892	ng	# 88
22) Acetophenone	7.20	105	111565	21.598	ng	95
24) Nitrobenzene	7.37	77	84389	22.084	ng	97
25) Isophorone	7.61	82	144234	21.052	ng	98
26) 2-Nitrophenol	7.70	139	35035	21.345	ng	96
27) 2,4-Dimethylphenol	7.73	122	55150	21.188	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	89533	21.211	ng	98
29) 2,4-Dichlorophenol	7.95	162	56737	20.803	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	62576	21.237	ng	99
31) Naphthalene	8.09	128	209083	21.383	ng	98
32) Benzoic acid	7.86	122	26857	14.671	ng	91
33) 4-Chloroaniline	8.15	127	91114	21.009	ng	98
34) Hexachlorobutadiene	8.21	225	35128	21.013	ng	98
35) Caprolactam	8.51	113	18302	19.826	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	65798	20.691	ng	91
37) 2-Methylnaphthalene	8.79	142	143213	21.750	ng	97
38) 1-Methylnaphthalene	8.89	142	134017	21.732	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	58587	21.961	ng	97

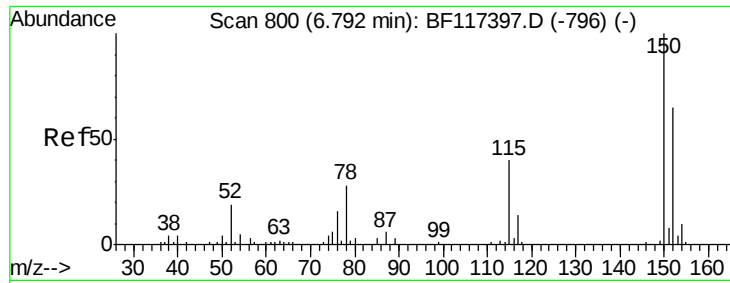
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
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 QLast Update : Mon Oct 14 14:19:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	4360	4.345	ng	92
43) 2,4,6-Trichlorophenol	9.07	196	37323	20.616	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	36553	18.898	ng	96
46) 1,1'-Biphenyl	9.25	154	176849	21.823	ng	98
47) 2-Chloronaphthalene	9.27	162	137127	21.441	ng	98
48) 2-Nitroaniline	9.38	65	43601	21.255	ng	93
49) Acenaphthylene	9.69	152	203385	21.228	ng	99
50) Dimethylphthalate	9.55	163	154278	21.091	ng	99
51) 2,6-Dinitrotoluene	9.62	165	32423	21.763	ng	97
52) Acenaphthene	9.86	154	124639	21.946	ng	99
53) 3-Nitroaniline	9.79	138	40472	21.531	ng	90
54) 2,4-Dinitrophenol	9.92	184	10006	18.974	ng	92
55) Dibenzofuran	10.03	168	183708	21.924	ng	96
56) 4-Nitrophenol	9.98	139	12750	10.466	ng	87
57) 2,4-Dinitrotoluene	10.03	165	42248	21.847	ng	# 95
58) Fluorene	10.37	166	151728	22.478	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.12	232	24914	16.832	ng	92
60) Diethylphthalate	10.25	149	158062	21.964	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	66432	22.747	ng	89
62) 4-Nitroaniline	10.40	138	39977	20.451	ng	97
63) Azobenzene	10.53	77	160034	21.773	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	13966	19.599	ng	96
66) n-Nitrosodiphenylamine	10.48	169	131740	22.468	ng	95
67) 4-Bromophenyl-phenylether	10.85	248	37041	21.363	ng	94
68) Hexachlorobenzene	10.93	284	40335	21.269	ng	93
69) Atrazine	11.01	200	33482	23.246	ng	96
70) Pentachlorophenol	11.14	266	11623	13.075	ng	86
71) Phenanthrene	11.34	178	211771	21.960	ng	99
72) Anthracene	11.39	178	214224	21.759	ng	99
73) Carbazole	11.55	167	199040	21.299	ng	100
74) Di-n-butylphthalate	11.87	149	263293	23.680	ng	100
75) Fluoranthene	12.53	202	211821	21.377	ng	98
77) Benzidine	12.65	184	93981	22.897	ng	99
78) Pyrene	12.76	202	217683	20.361	ng	100
80) Butylbenzylphthalate	13.37	149	106768	21.135	ng	96
81) Benzo(a)anthracene	13.95	228	176861	20.776	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	60365	22.005	ng	98
83) Chrysene	13.99	228	182029	21.924	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	154167	23.669	ng	98
85) Di-n-octyl phthalate	14.53	149	247286	24.121	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	114558	18.912	ng	99
88) Benzo(b)fluoranthene	14.99	252	136927	20.325	ng	98
89) Benzo(k)fluoranthene	15.02	252	148170	23.218	ng	99
90) Benzo(a)pyrene	15.35	252	125978	21.310	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	98551	20.926	ng	98
92) Benzo(g,h,i)perylene	17.30	276	88505	18.859	ng	98

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

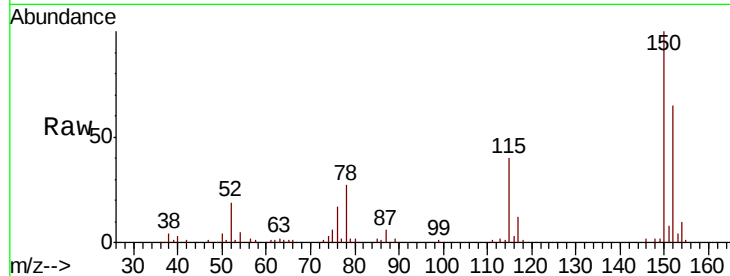


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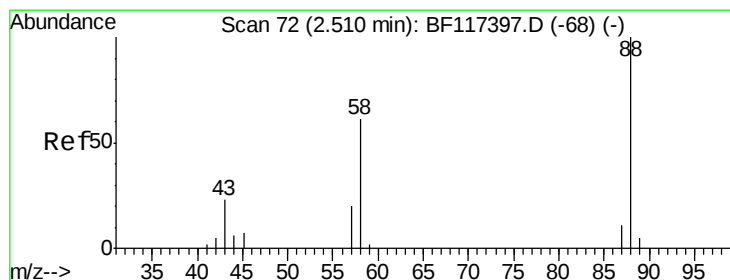
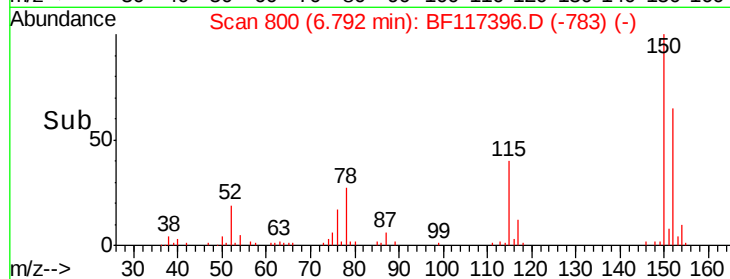
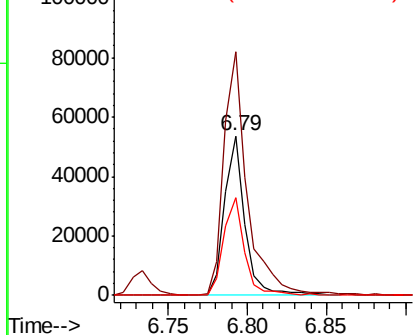
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 47665
Ion Ratio Lower Upper
152 100
150 152.8 122.7 184.1
115 61.5 48.6 73.0



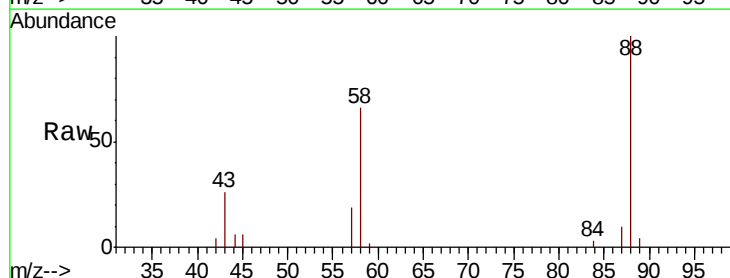
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



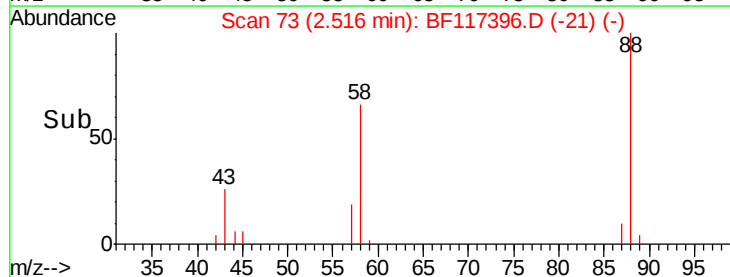
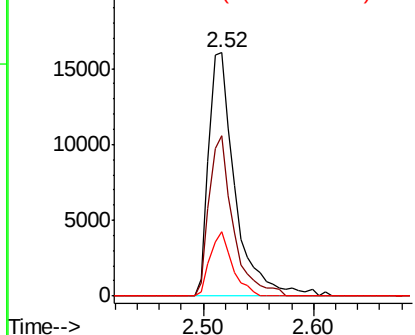
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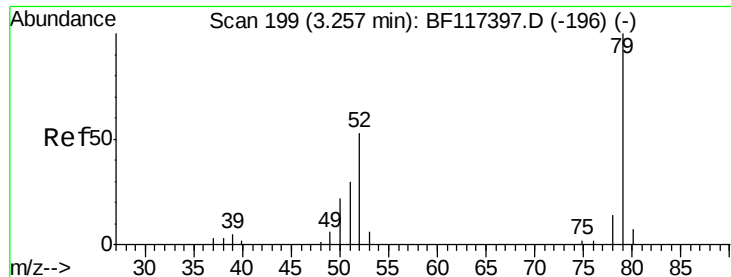
1,4-Dioxane
Concen: 20.702 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion: 88 Resp: 26447
Ion Ratio Lower Upper
88 100
58 59.5 49.4 74.2
43 22.1 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: 17.331 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampled :

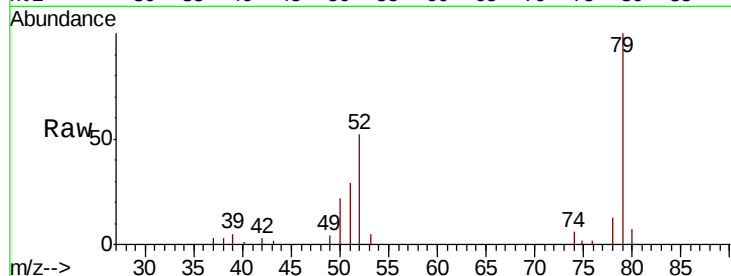
Tot Ion: 79 Resp: 60601

Ion Ratio Lower Upper

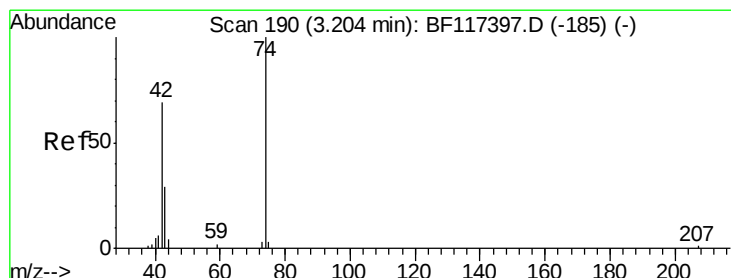
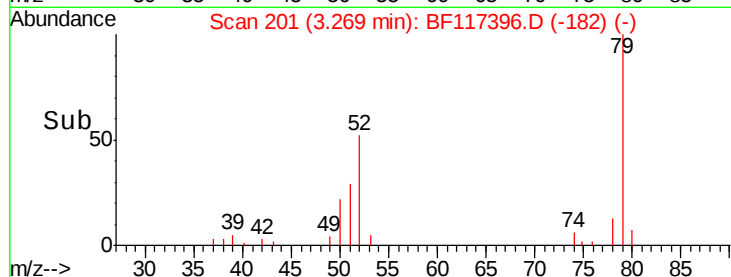
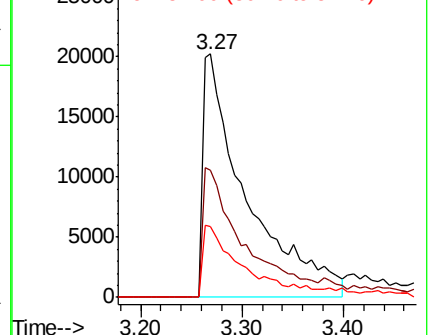
79 100

52 52.1 42.7 64.1

51 29.1 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: 16.196 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

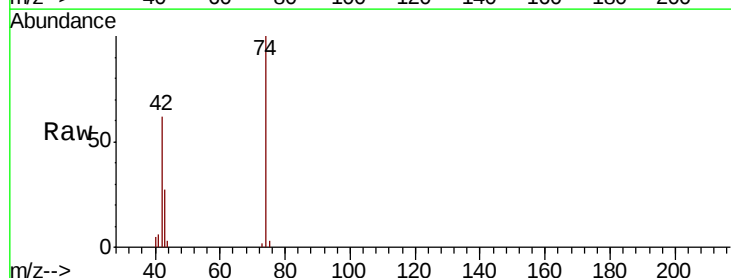
Tgt Ion: 42 Resp: 19435

Ion Ratio Lower Upper

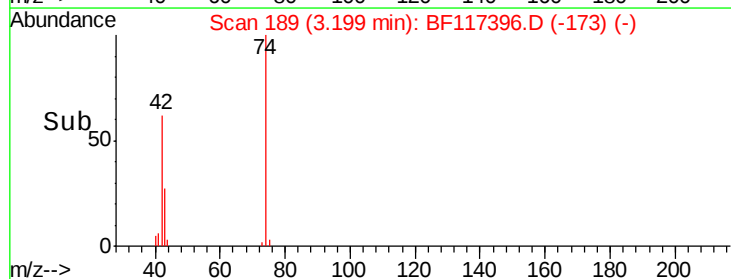
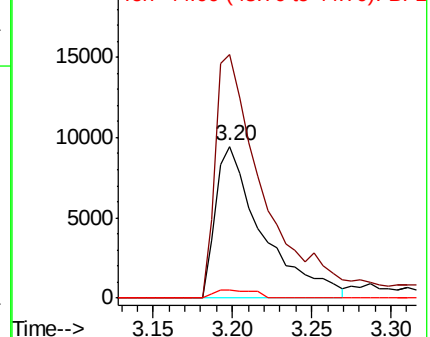
42 100

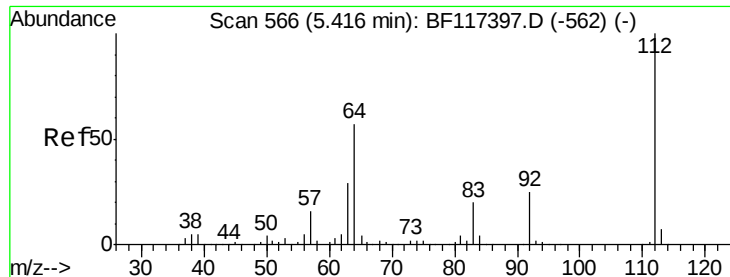
74 160.5 116.2 174.4

44 5.1 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: 42.590 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampled :

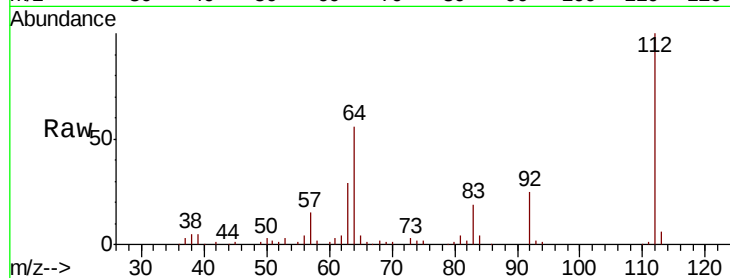
Tot Ion:112 Resp: 130028

Ion Ratio Lower Upper

112 100

64 55.5 45.2 67.8

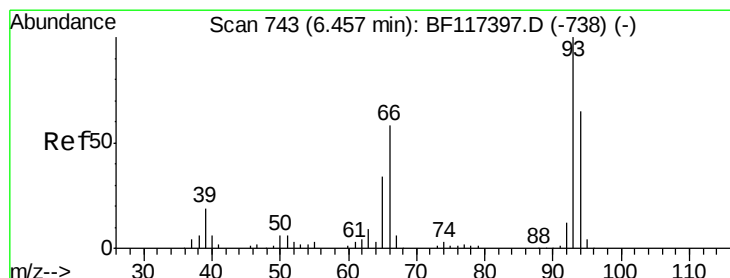
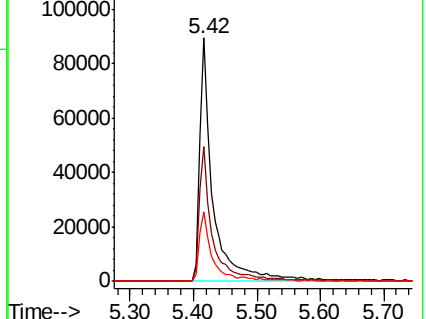
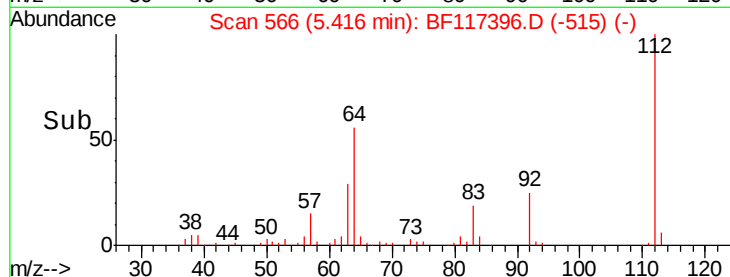
63 28.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.187 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

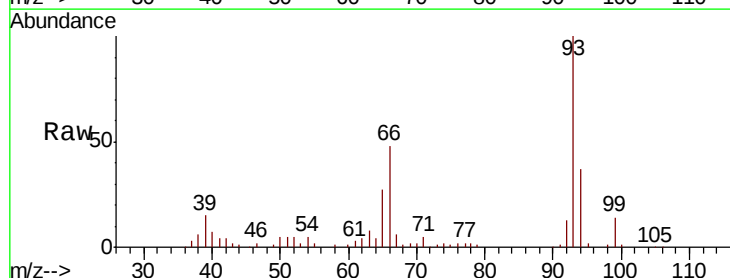
Tgt Ion: 93 Resp: 107628

Ion Ratio Lower Upper

93 100

66 47.6 48.4 72.6#

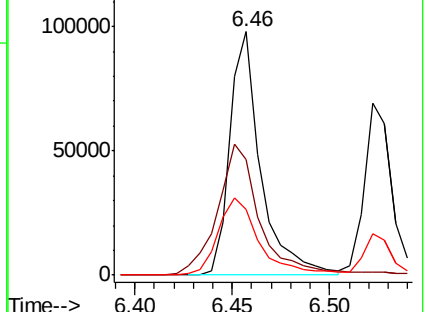
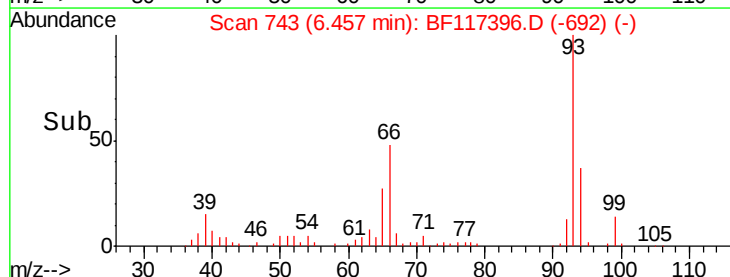
65 26.9 27.8 41.6#

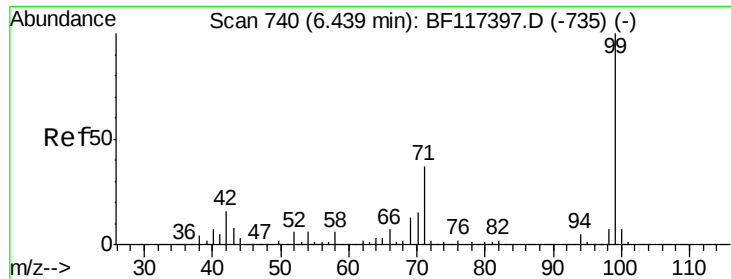


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 43.442 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

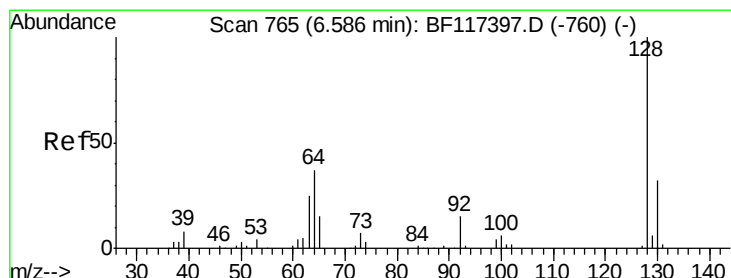
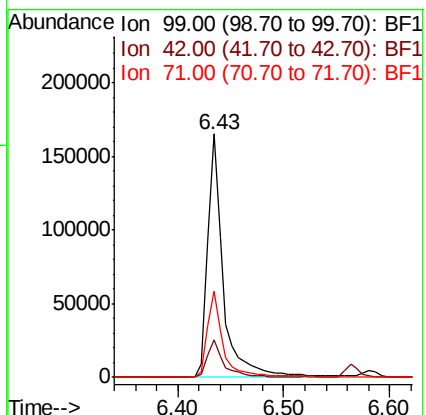
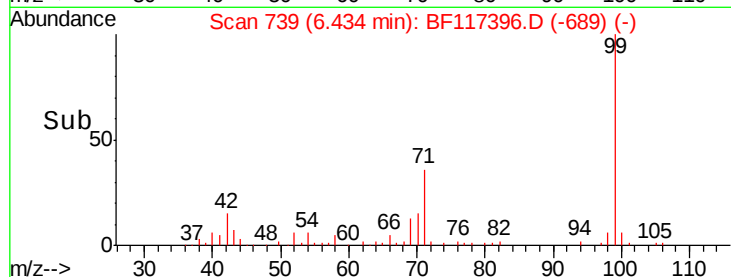
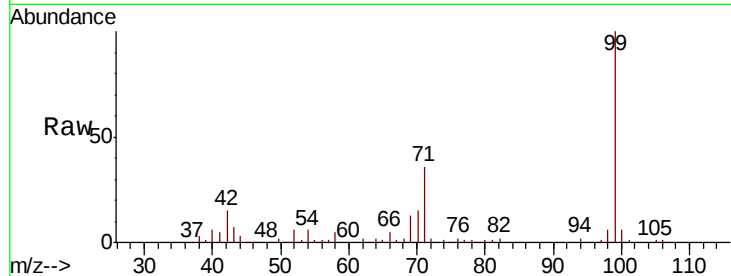
Tot Ion: 99 Resp: 171403

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

71 35.5 29.2 43.8



#8

2-Chlorophenol

Concen: 21.964 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

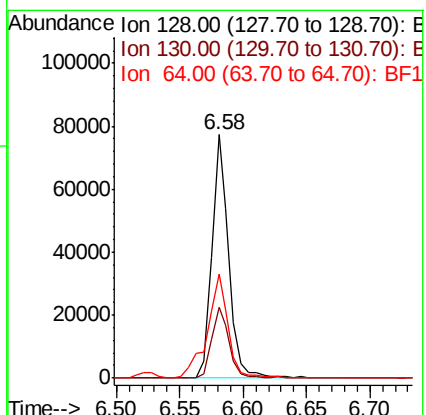
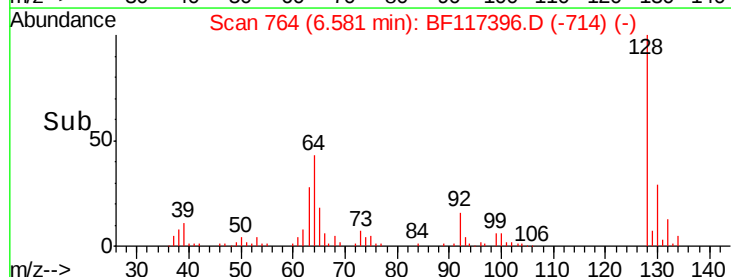
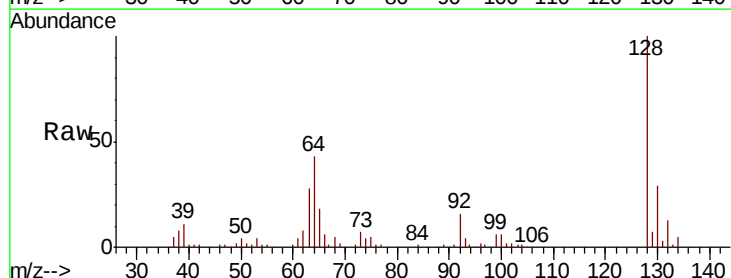
Tgt Ion: 128 Resp: 72340

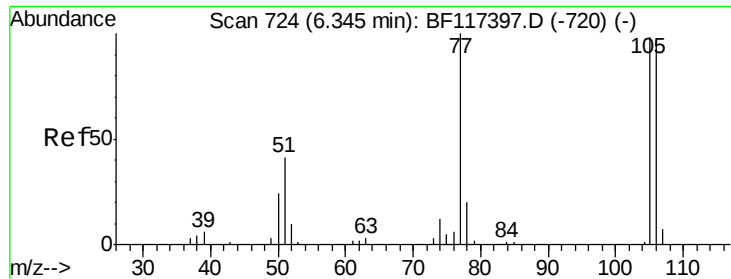
Ion Ratio Lower Upper

128 100

130 29.1 11.7 51.7

64 42.6 20.4 60.4





#9

Benzaldehyde

Concen: 22.590 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampled :

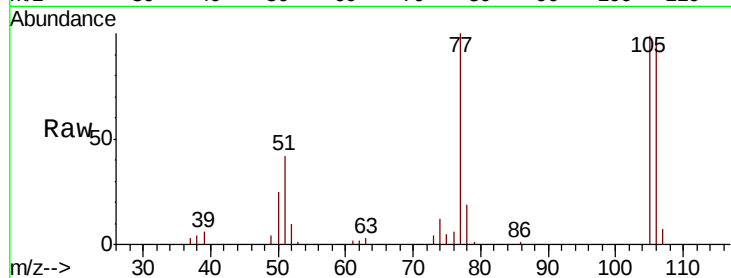
Tot Ion: 77 Resp: 48668

Ion Ratio Lower Upper

77 100

105 98.7 77.9 117.9

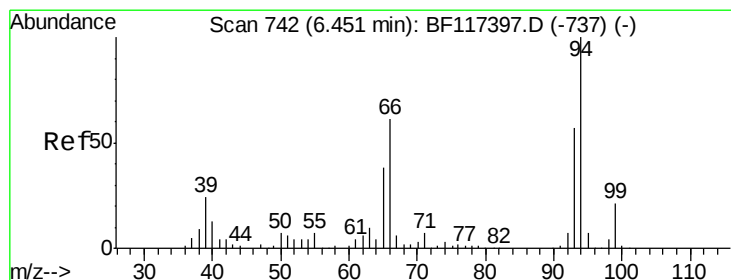
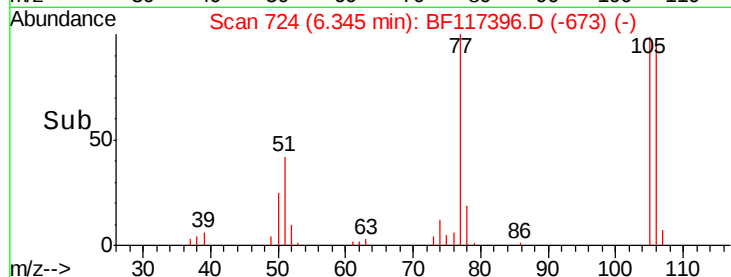
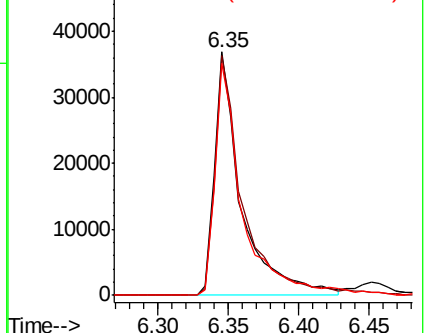
106 95.1 77.2 117.2



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: 20.833 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

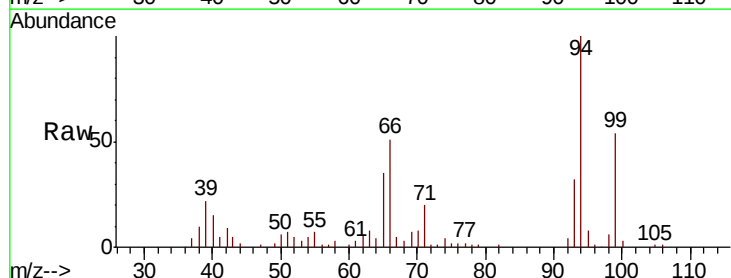
Tgt Ion: 94 Resp: 90616

Ion Ratio Lower Upper

94 100

65 35.3 18.2 58.2

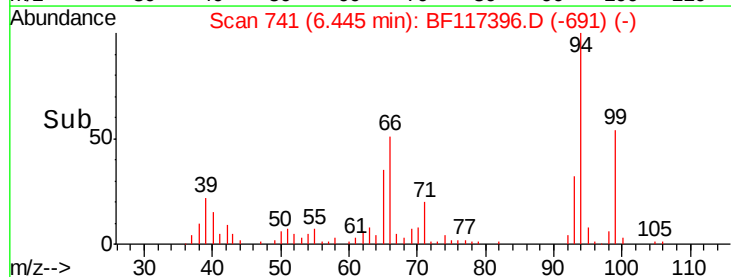
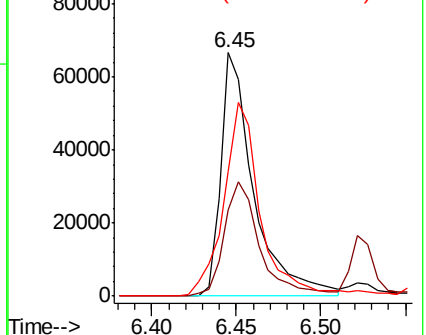
66 51.2 41.1 81.1

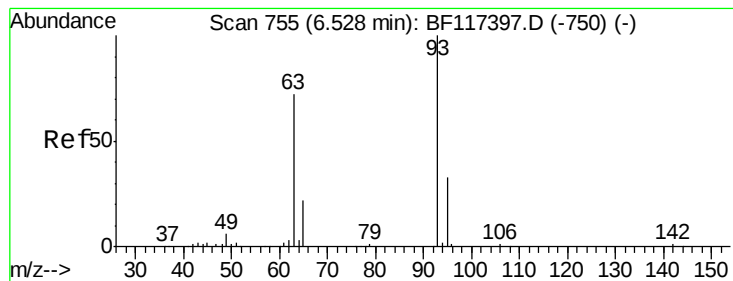


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

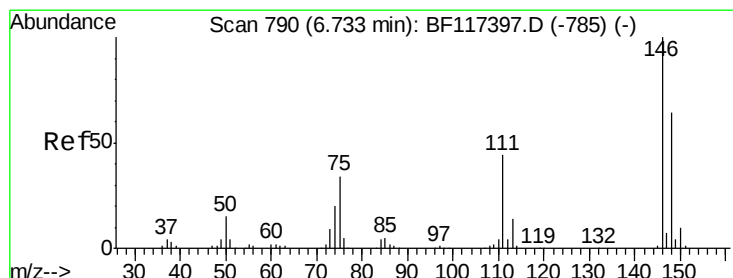
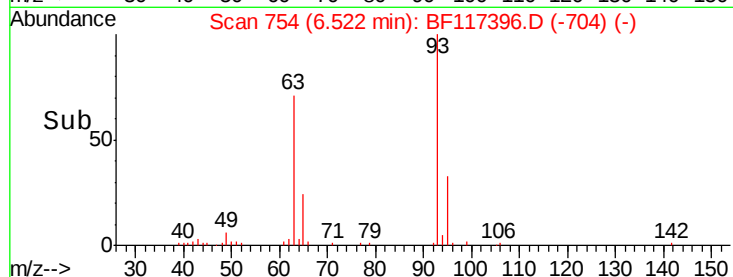
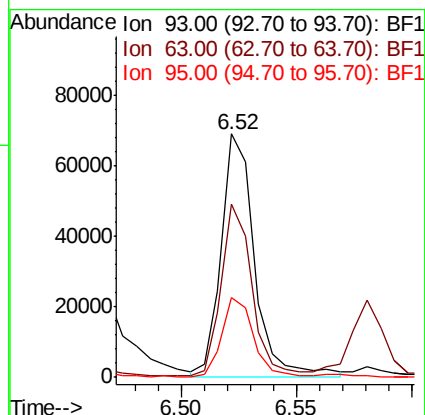
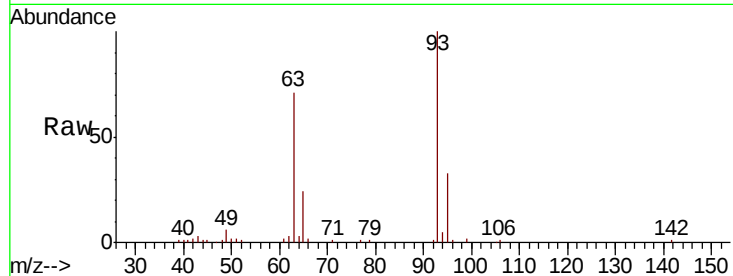




#11
bis(2-Chloroethyl)ether
Concen: 21.614 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

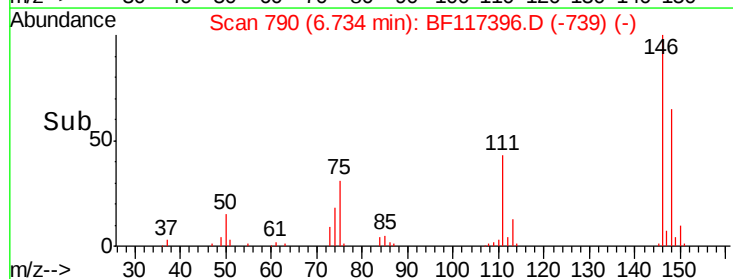
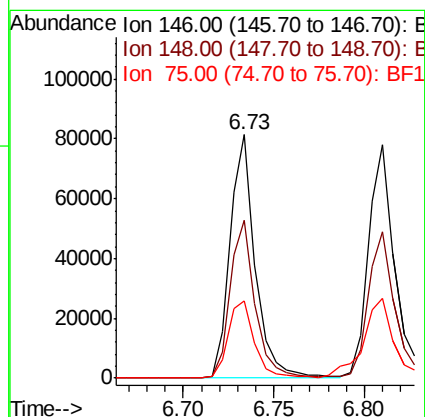
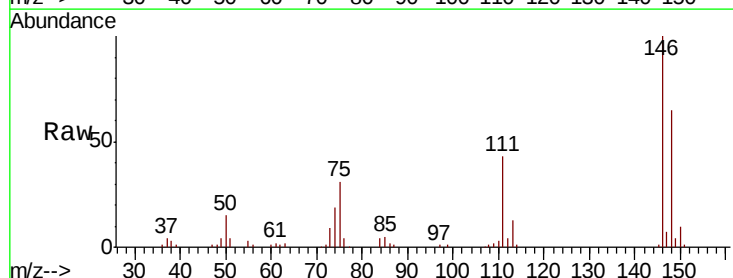
Instrument :
BNA_F
ClientSampleId :

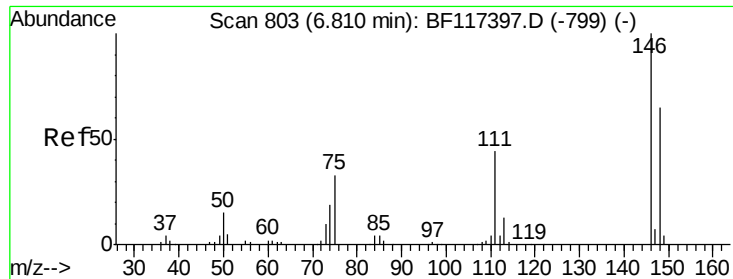
Tot Ion	93	Resp	69098
Ion Ratio	Lower	Upper	
93	100		
63	71.2	50.9	90.9
95	32.7	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 21.283 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	146	Resp	78657
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.0	76.6
75	31.5	27.4	41.2

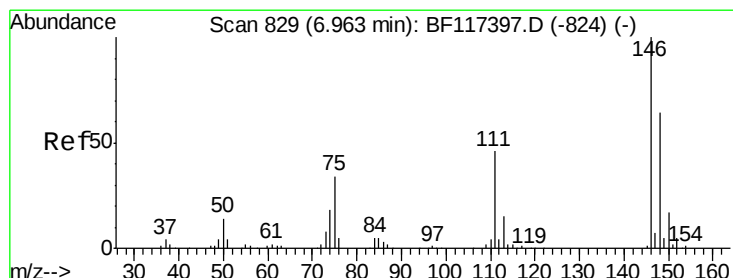
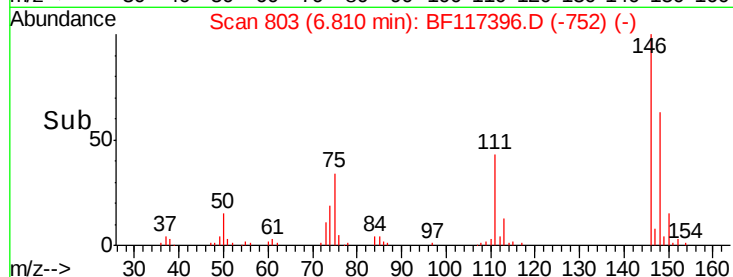
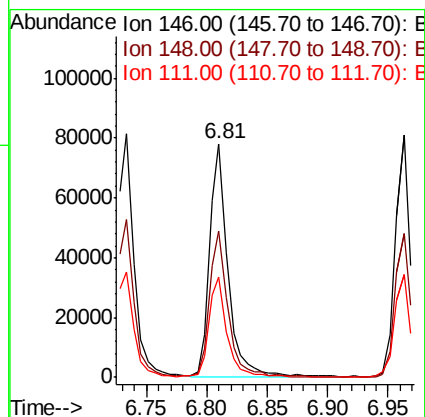
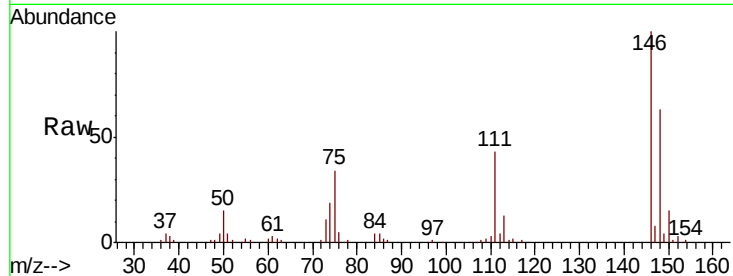




#13
 1,4-Dichlorobenzene
 Concen: 21.932 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

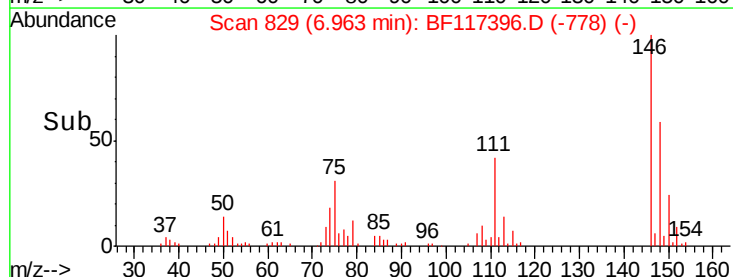
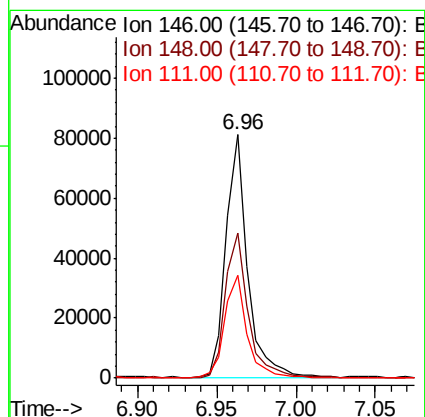
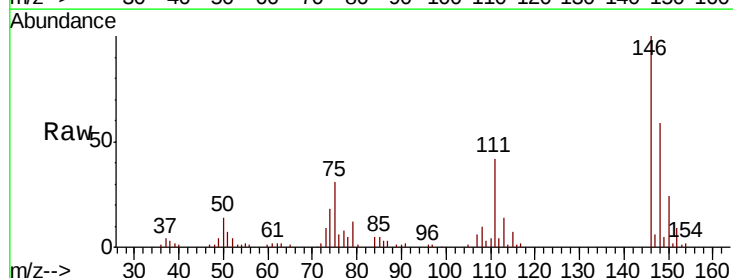
Instrument :
 BNA_F
 ClientSampled :

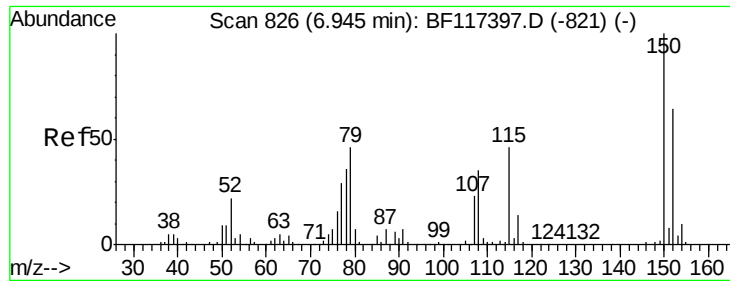
Tot Ion:146 Resp: 82719
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 42.7 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 22.136 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion:146 Resp: 77734
 Ion Ratio Lower Upper
 146 100
 148 59.4 51.0 76.6
 111 42.4 36.5 54.7

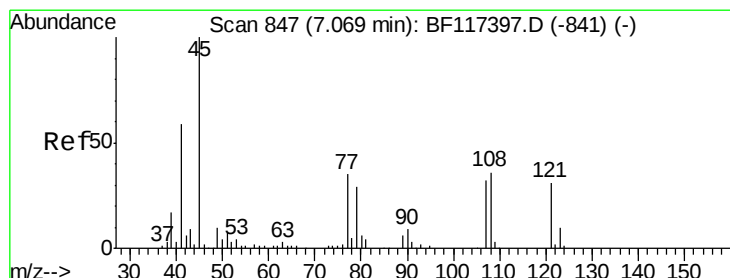
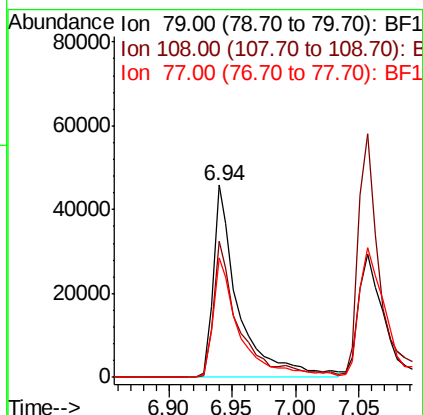
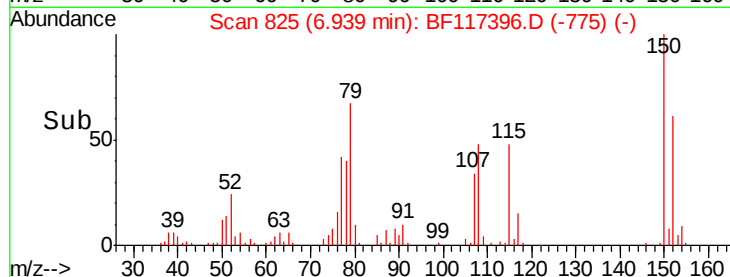
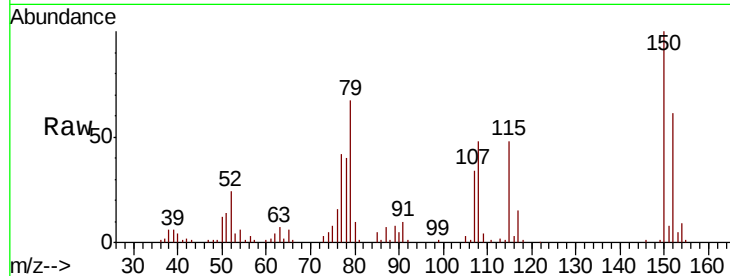




#15
Benzyl Alcohol
Concen: 21.136 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

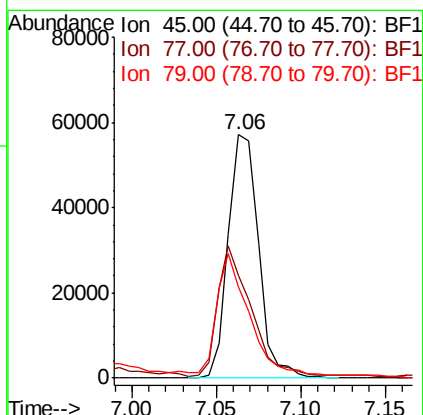
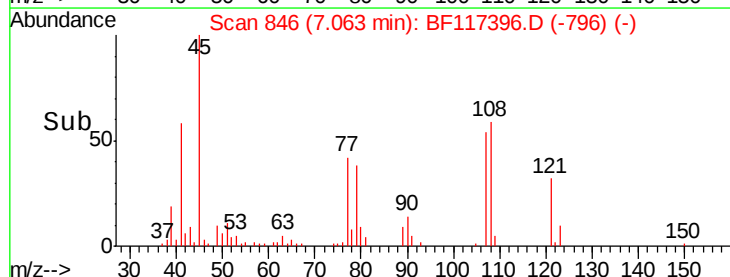
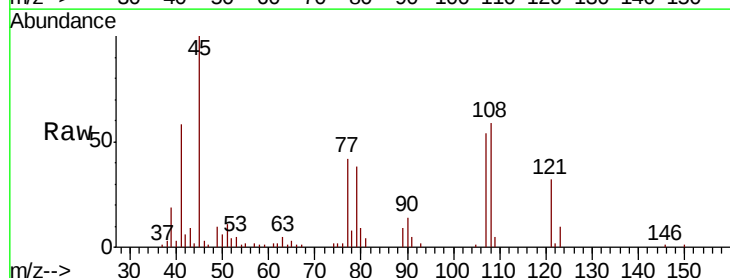
Instrument :
BNA_F
ClientSampleID :

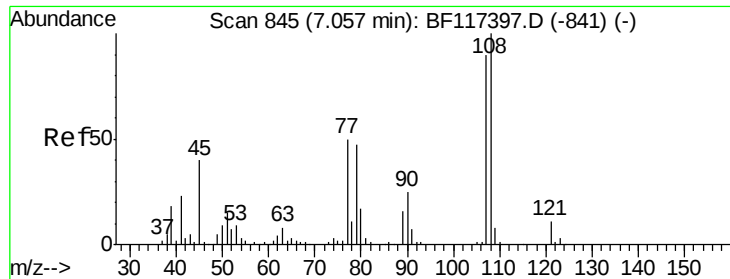
Tot Ion: 79 Resp: 63950
Ion Ratio Lower Upper
79 100
108 71.1 60.4 90.6
77 62.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 22.672 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion: 45 Resp: 71606
Ion Ratio Lower Upper
45 100
77 42.4 15.9 55.9
79 37.7 10.7 50.7

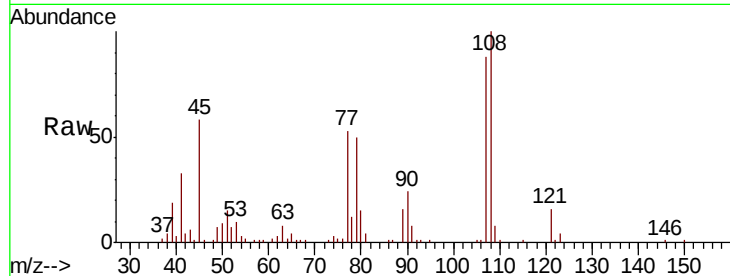




#17
2-Methylphenol
Concen: 21.282 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	58745
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.4	134.2
77	60.3	45.1	67.7
79	57.0	42.3	63.5



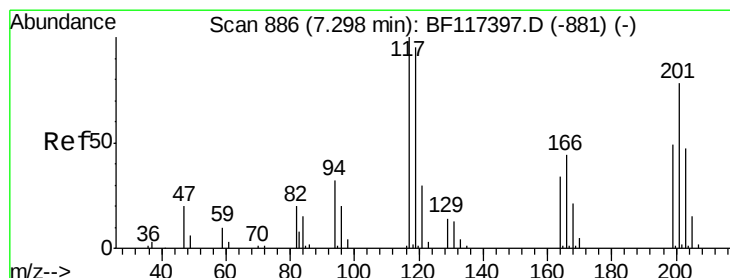
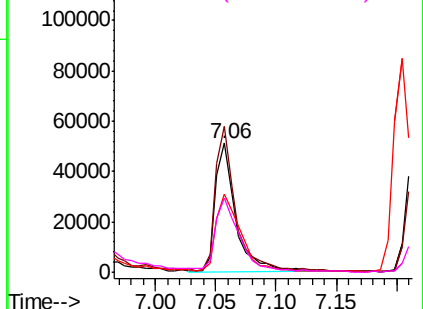
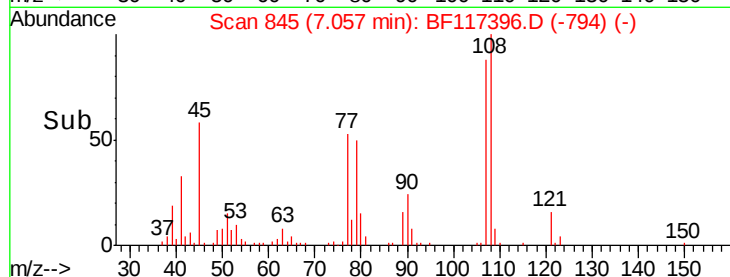
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

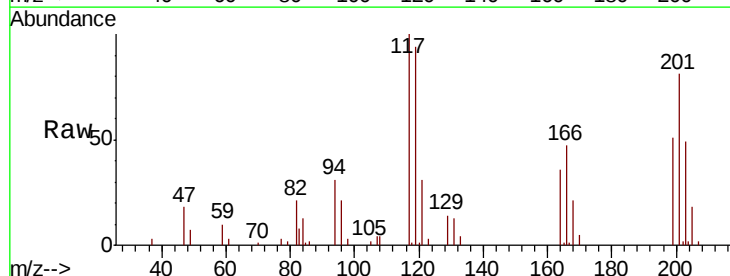
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 21.785 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:	117	Resp:	31610
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.7	113.5
201	81.3	62.2	93.4

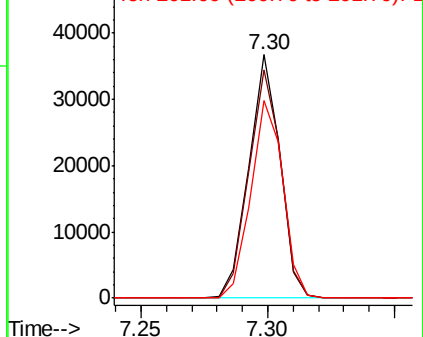
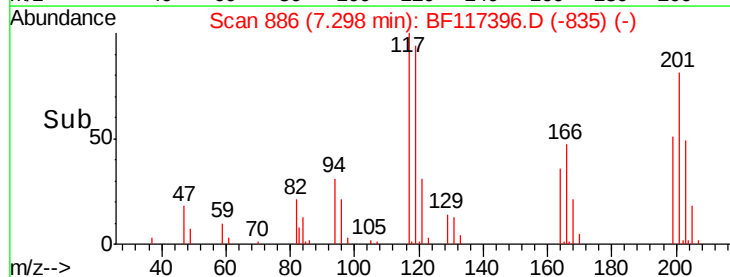


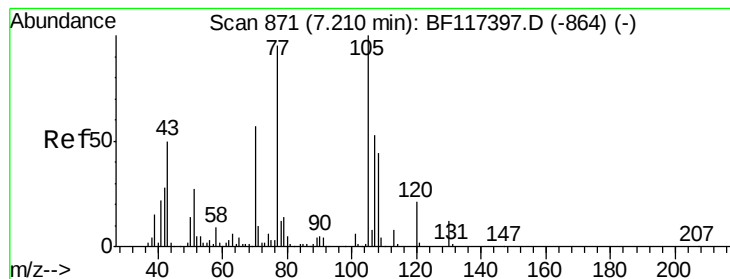
Abundance

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: 21.913 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 52648

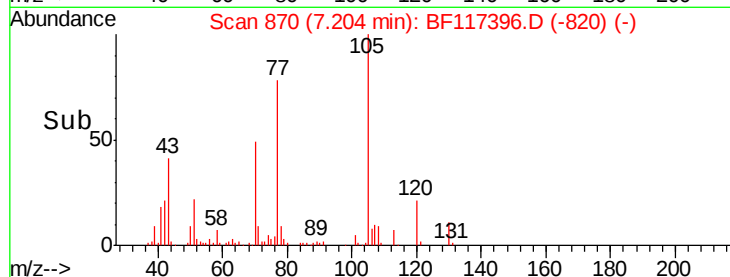
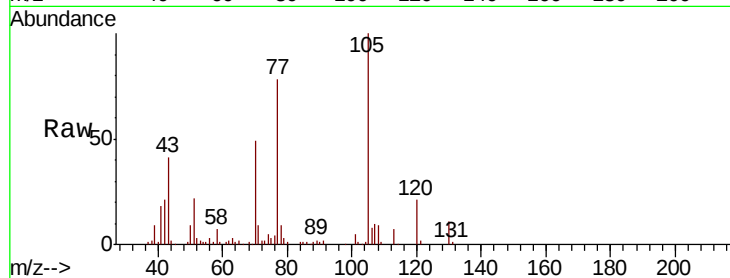
Ion Ratio Lower Upper

70 100

42 43.0 39.8 59.8

101 10.1 8.1 12.1

130 22.5 16.4 24.6



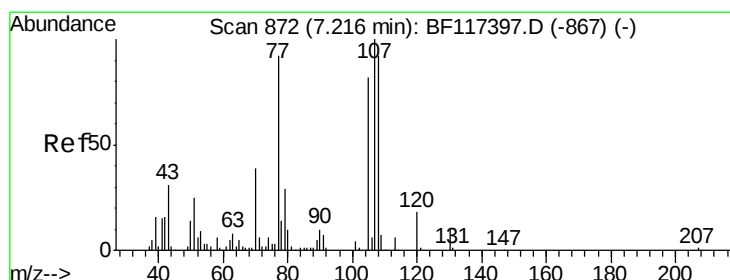
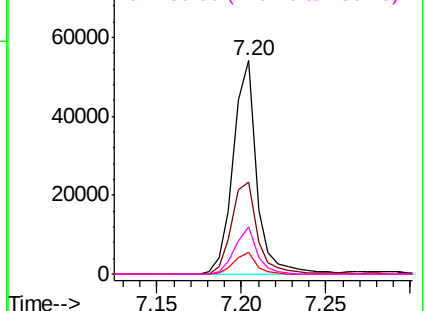
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 22.892 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion: 107 Resp: 78710

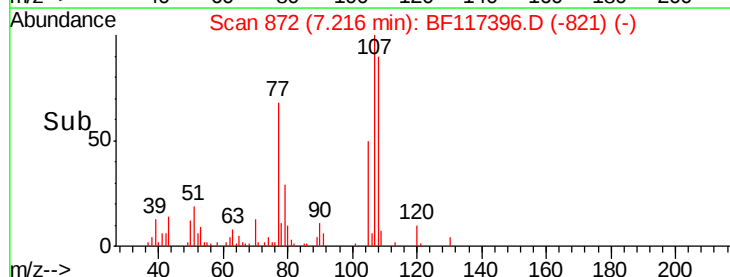
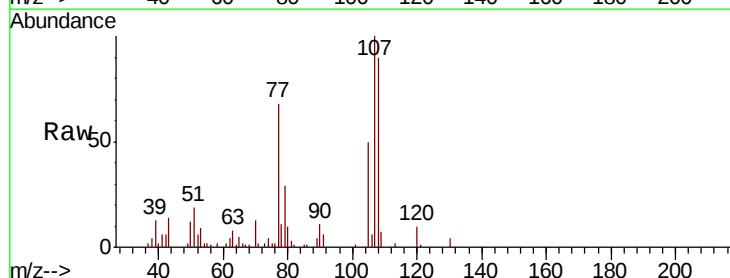
Ion Ratio Lower Upper

107 100

108 89.7 71.8 111.8

77 68.2 72.7 112.7#

79 28.9 9.5 49.5



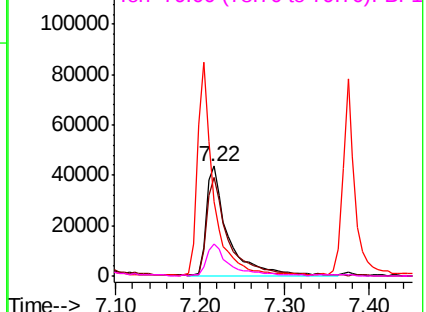
Abundance

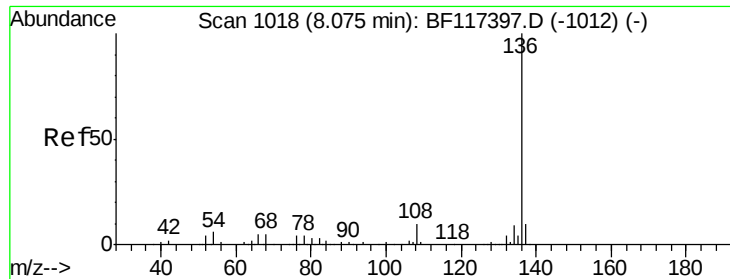
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 203311

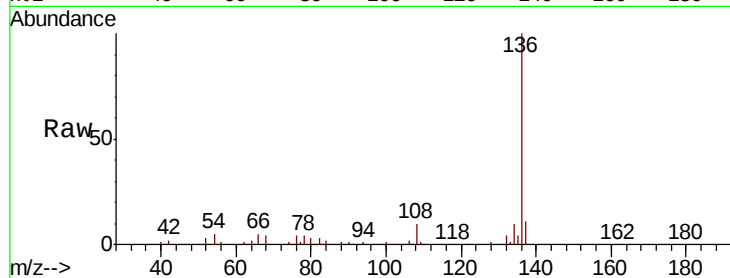
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 5.4 4.6 6.8

68 4.4 3.8 5.8

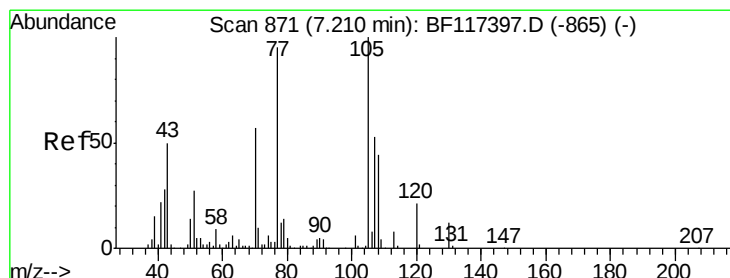
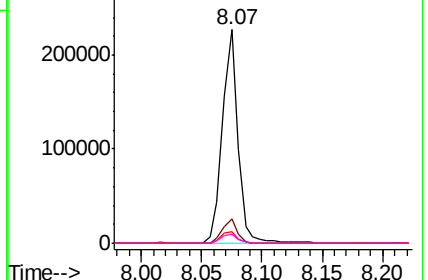
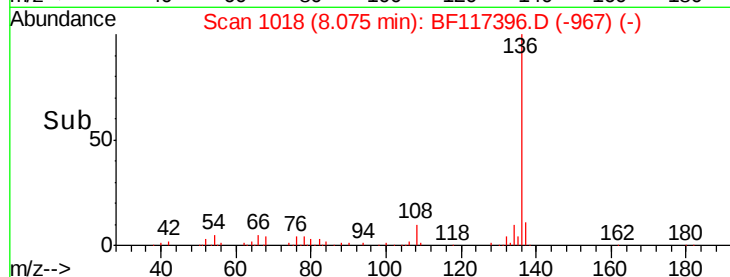


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.598 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion:105 Resp: 111565

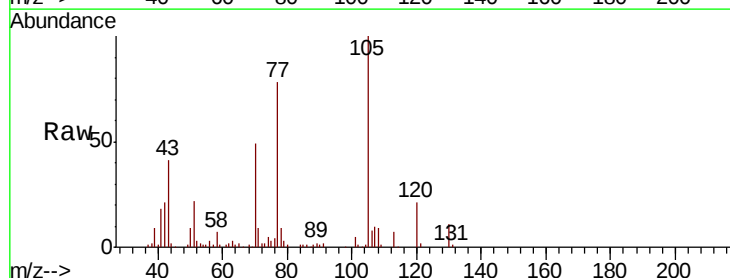
Ion Ratio Lower Upper

105 100

71 8.6 7.8 11.6

51 21.6 21.5 32.3

120 20.9 16.7 25.1

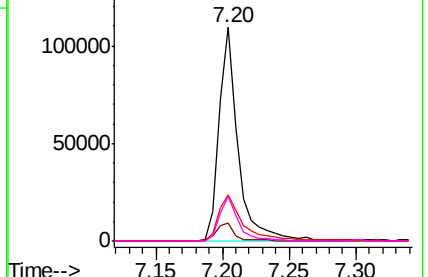
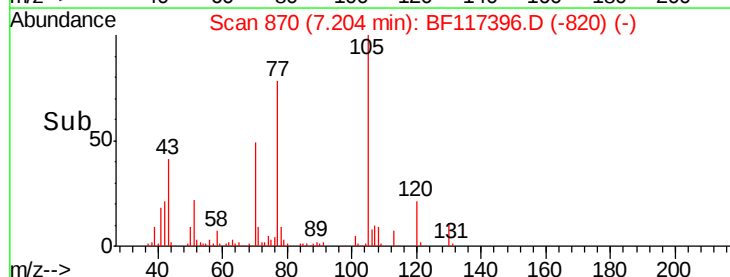


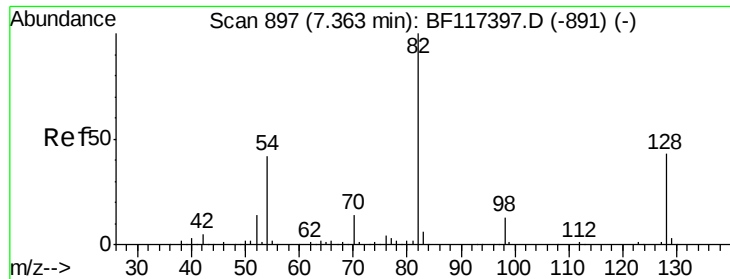
Abundance Ion 105.00 (104.70 to 105.70): E

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

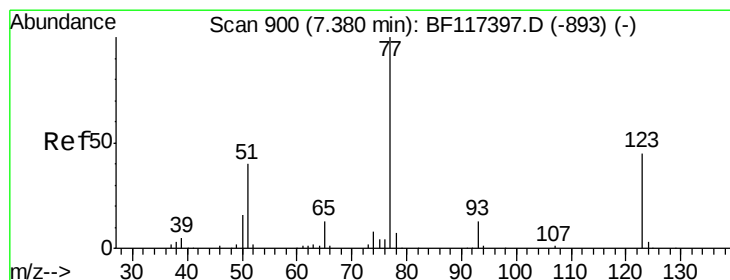
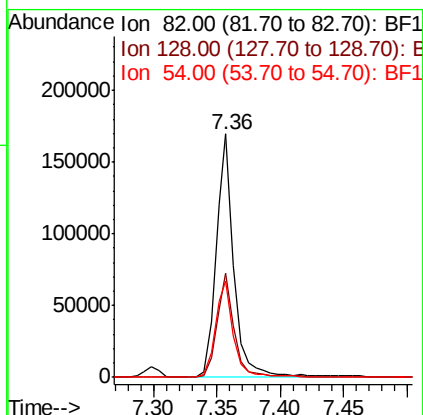
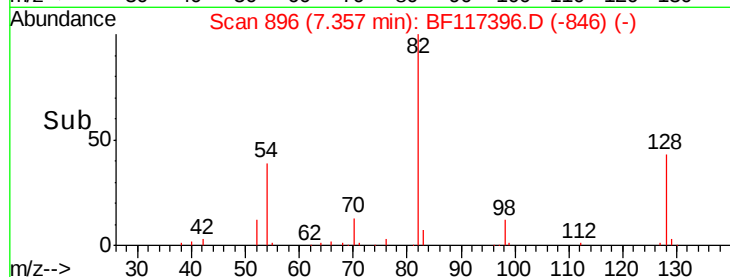
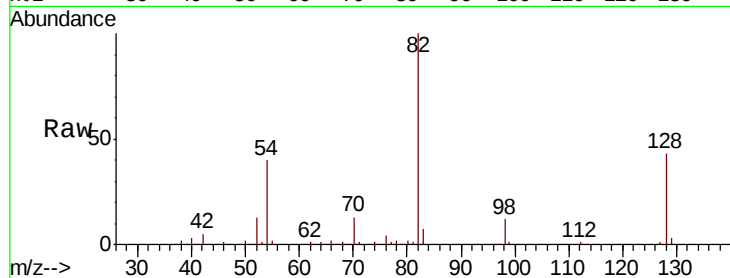




#23
Nitrobenzene-d5
Concen: 43.118 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

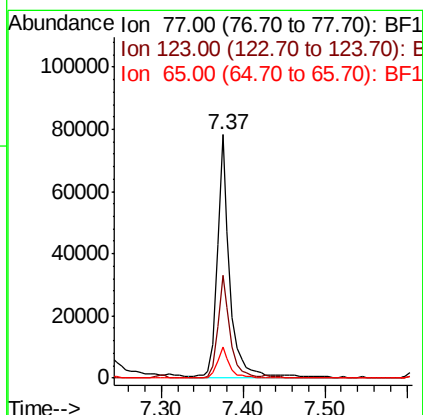
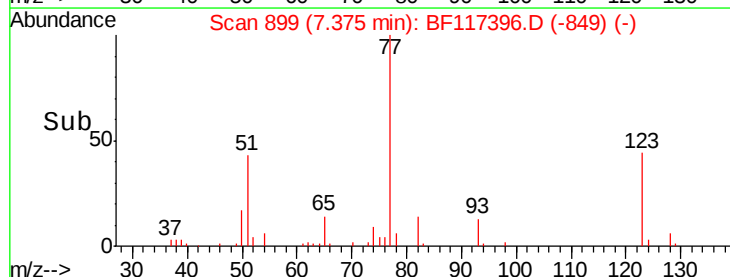
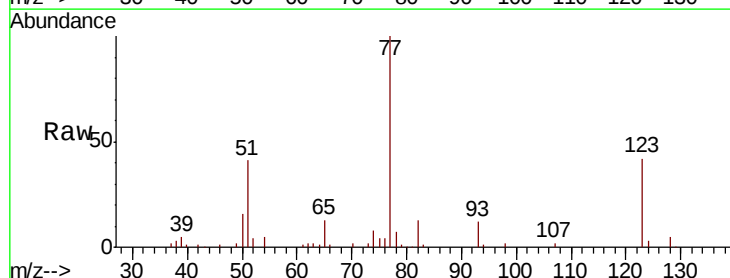
Instrument :
BNA_F
ClientSampleId :

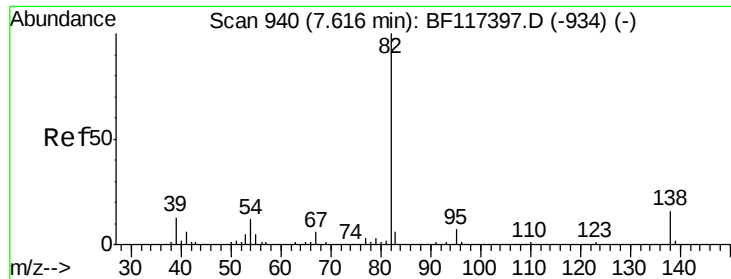
Tot Ion	82	Resp	166842
Ion Ratio	100	Lower	Upper
128	42.7	34.1	51.1
54	39.8	33.3	49.9



#24
Nitrobenzene
Concen: 22.084 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	77	Resp	84389
Ion Ratio	100	Lower	Upper
123	42.4	35.8	53.8
65	12.9	10.1	15.1





#25

Isophorone

Concen: 21.052 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

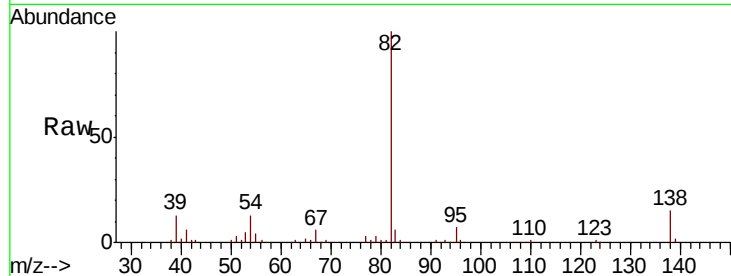
Tot Ion: 82 Resp: 144234

Ion Ratio Lower Upper

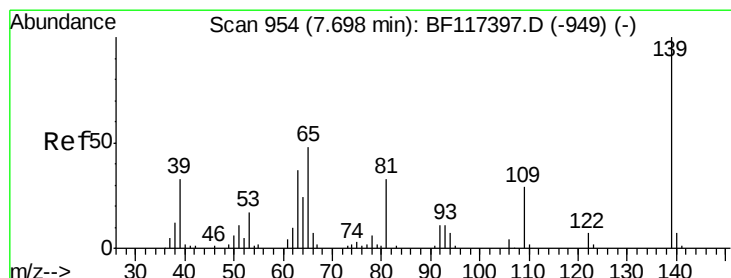
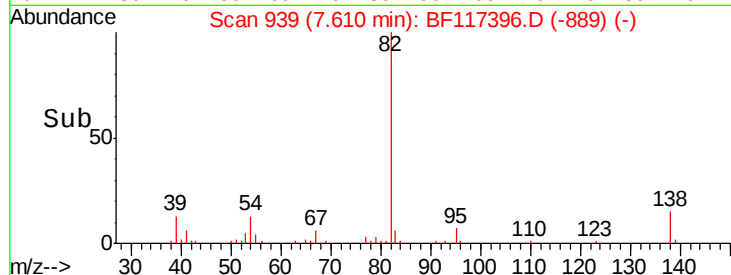
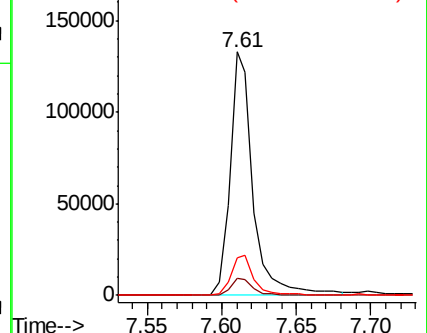
82 100

95 6.8 5.4 8.0

138 15.2 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: 21.345 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

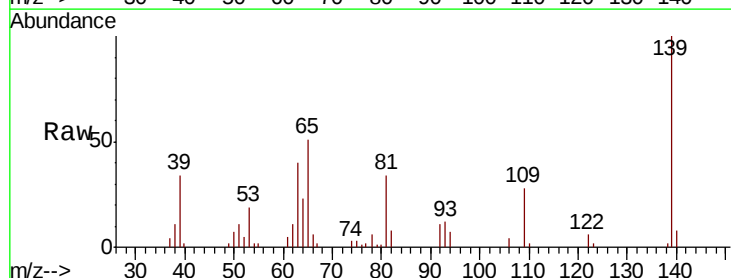
Tgt Ion: 139 Resp: 35035

Ion Ratio Lower Upper

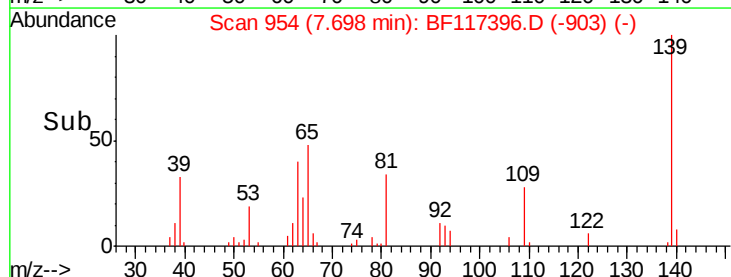
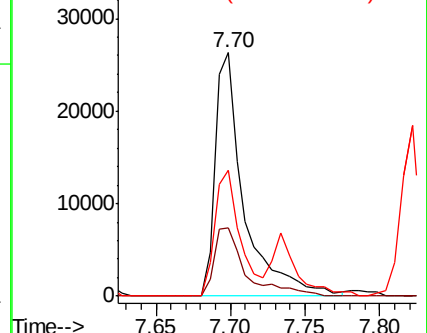
139 100

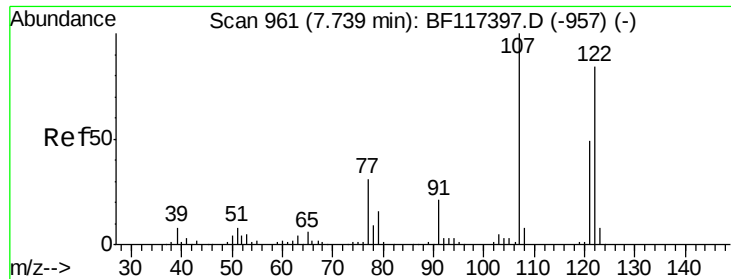
109 28.2 23.1 34.7

65 51.5 38.2 57.4



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

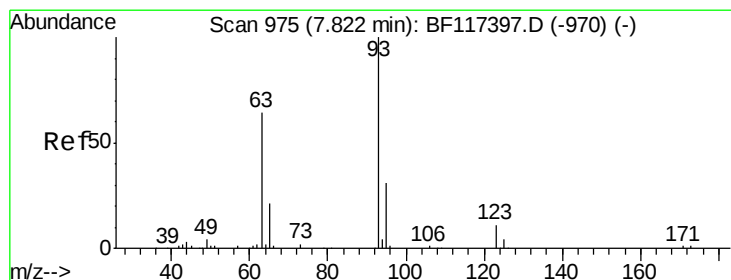
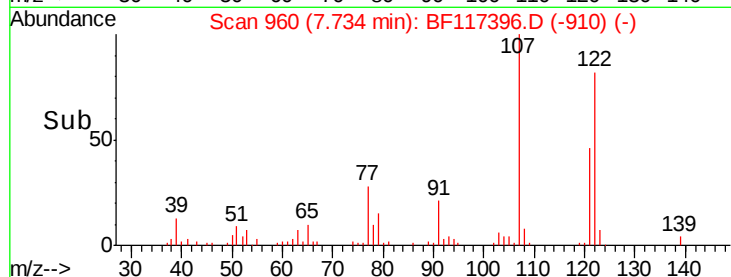
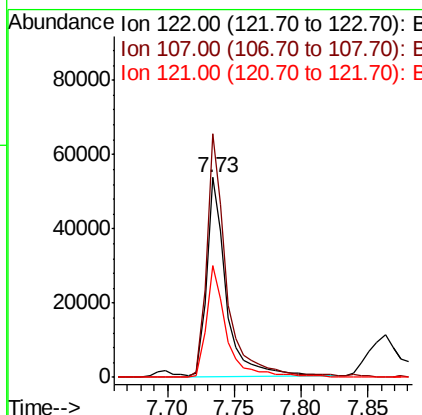
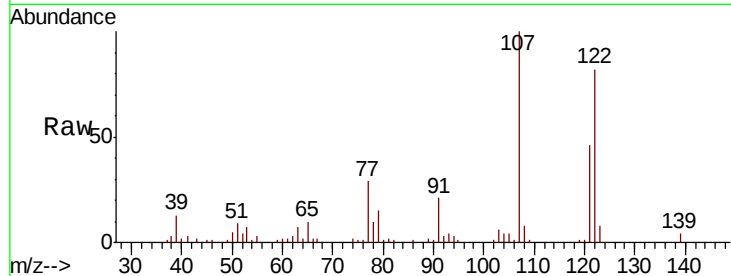




#27
2,4-Dimethylphenol
Concen: 21.188 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

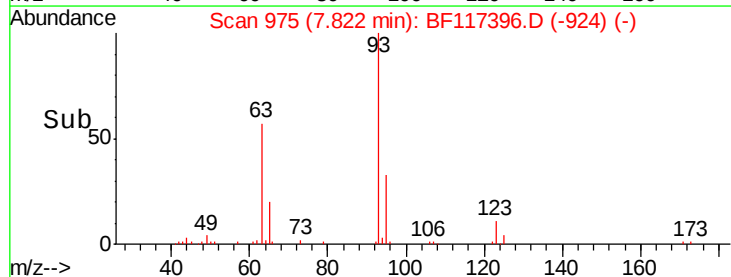
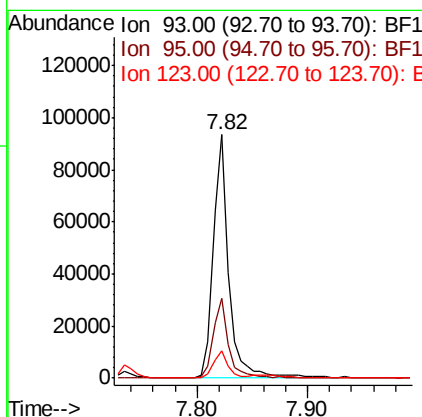
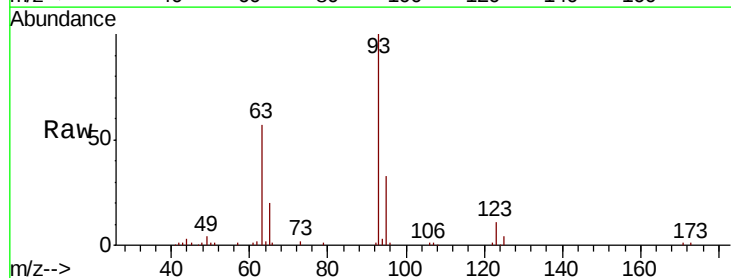
Instrument :
BNA_F
ClientSampleId :

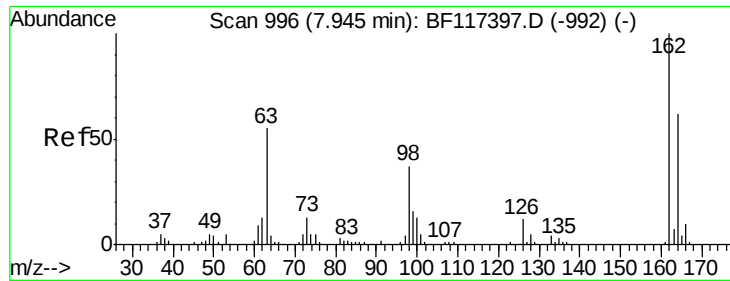
Tot Ion:122 Resp: 55150
Ion Ratio Lower Upper
122 100
107 121.8 95.0 142.6
121 56.1 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 21.211 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion: 93 Resp: 89533
Ion Ratio Lower Upper
93 100
95 32.5 25.1 37.7
123 11.1 8.6 12.8

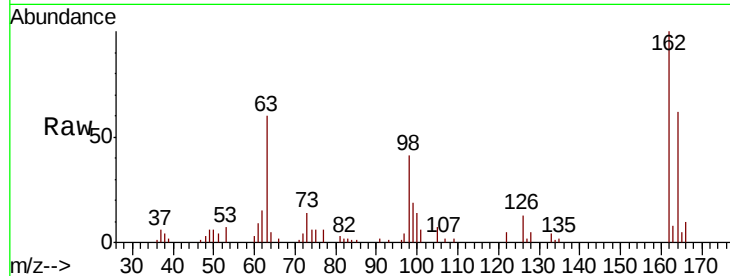




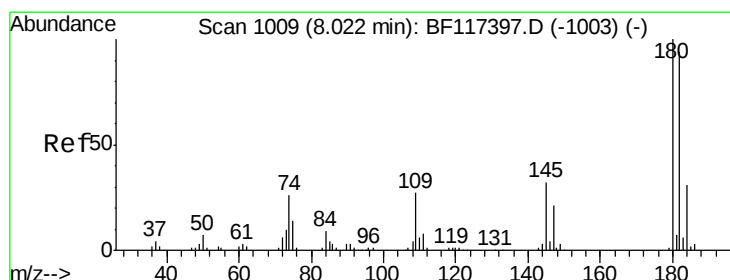
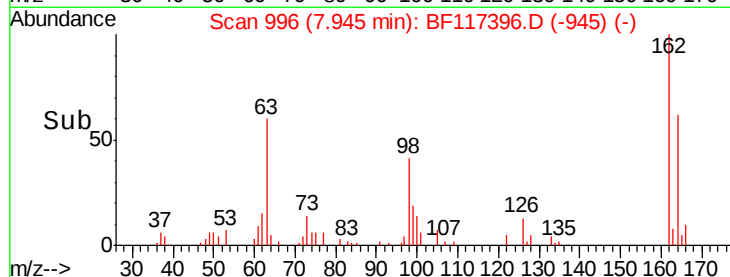
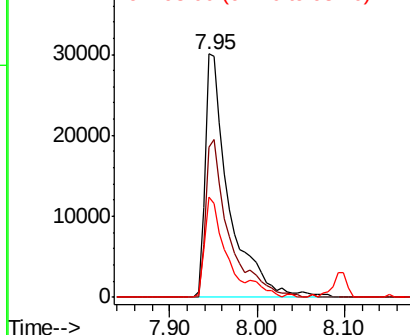
#29
 2,4-Dichlorophenol
 Concen: 20.803 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	42.2	82.2
98	41.0	17.4	57.4

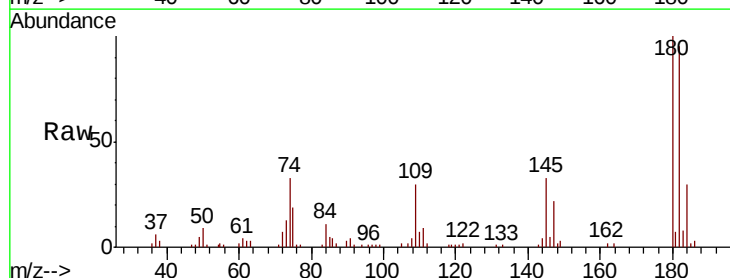


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

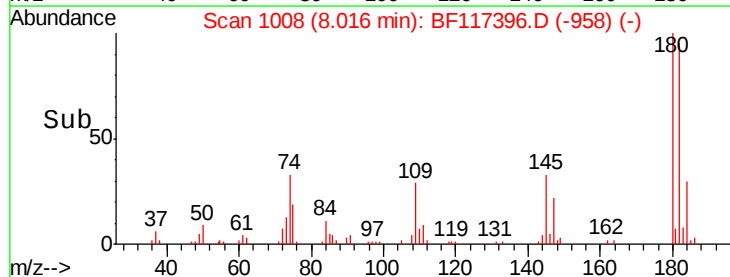
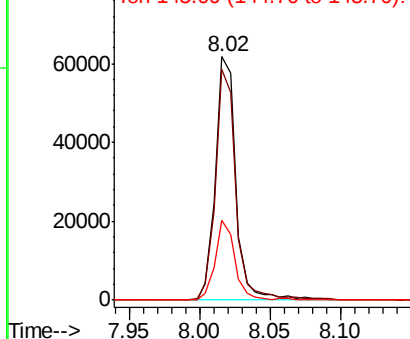


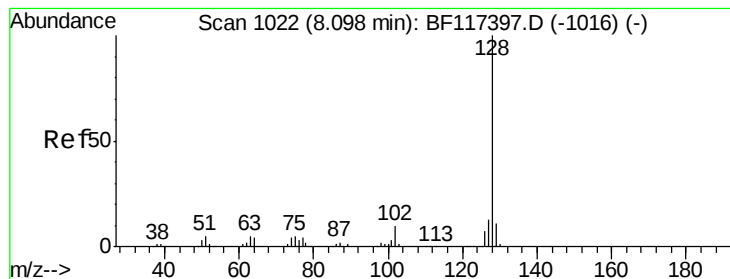
#30
 1,2,4-Trichlorobenzene
 Concen: 21.237 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.4	113.2
145	32.8	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: 21.383 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampled :

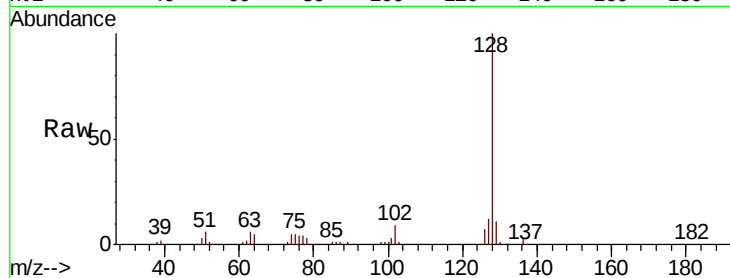
Tot Ion:128 Resp: 209083

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

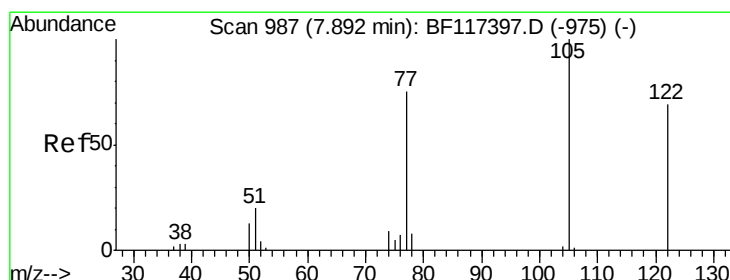
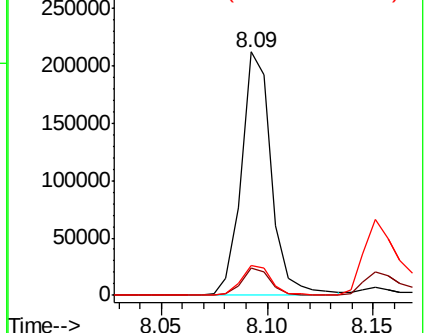
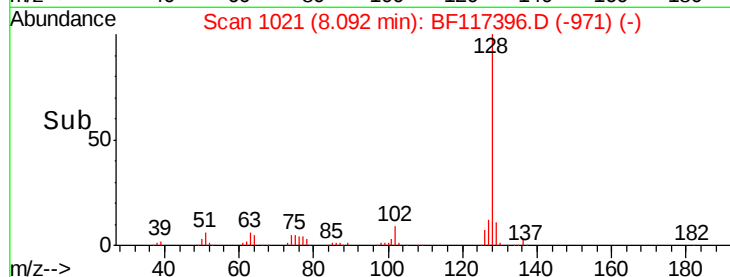
127 12.2 10.4 15.6



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: 14.671 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.03 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

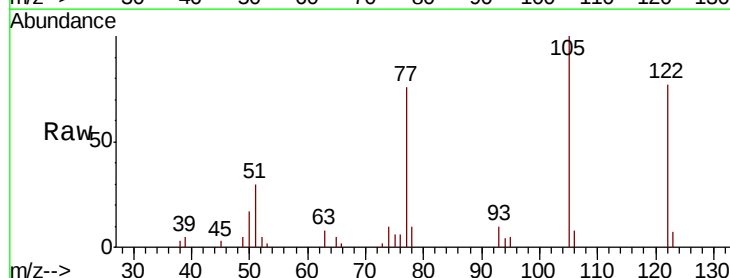
Tgt Ion:122 Resp: 26857

Ion Ratio Lower Upper

122 100

105 130.6 121.5 161.5

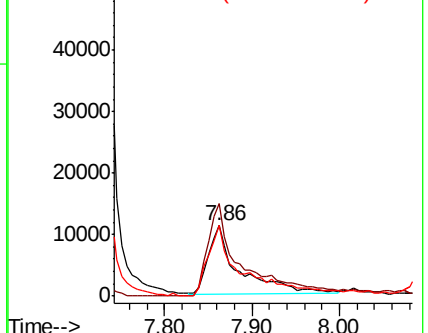
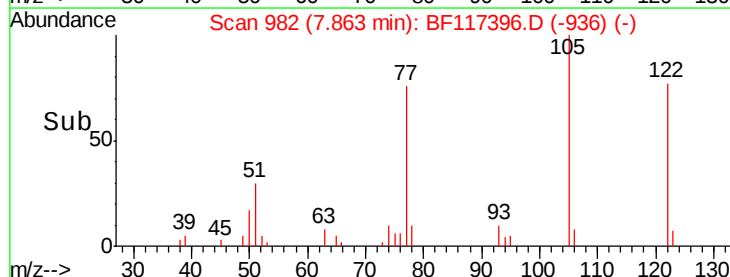
77 99.8 88.3 128.3

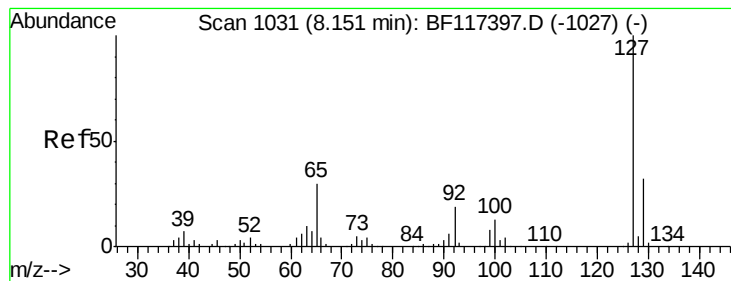


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 21.009 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 91114

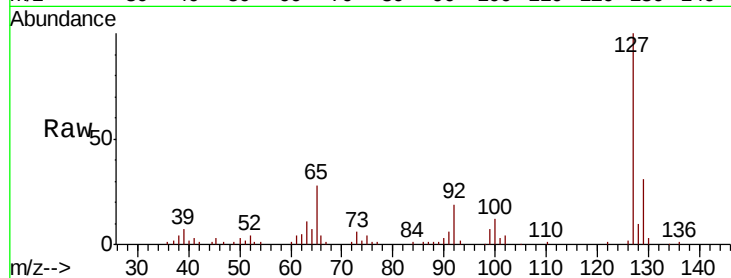
Ion Ratio Lower Upper

127 100

129 31.2 25.4 38.0

65 27.9 23.8 35.8

92 19.2 15.3 22.9

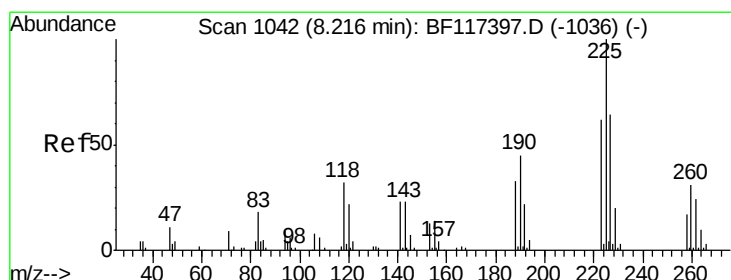
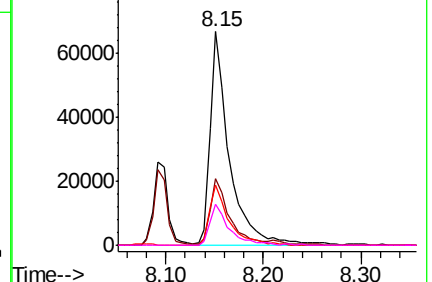
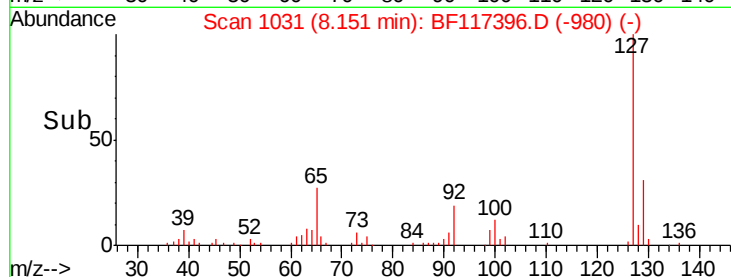


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 21.013 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

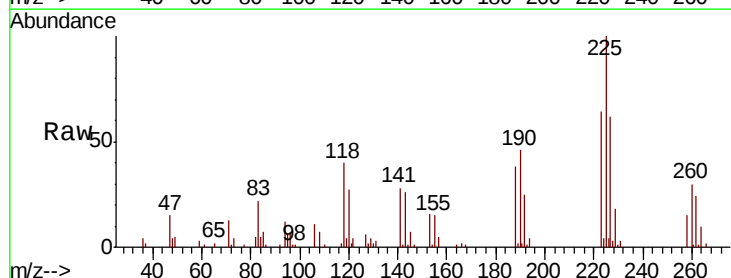
Tgt Ion:225 Resp: 35128

Ion Ratio Lower Upper

225 100

223 64.4 49.7 74.5

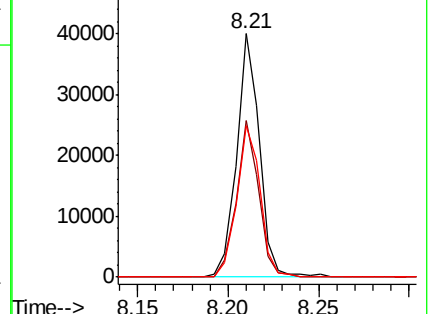
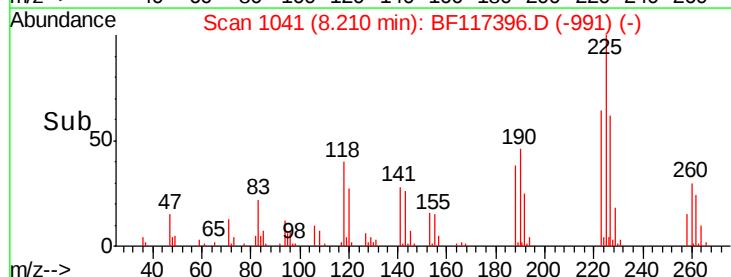
227 62.5 50.9 76.3

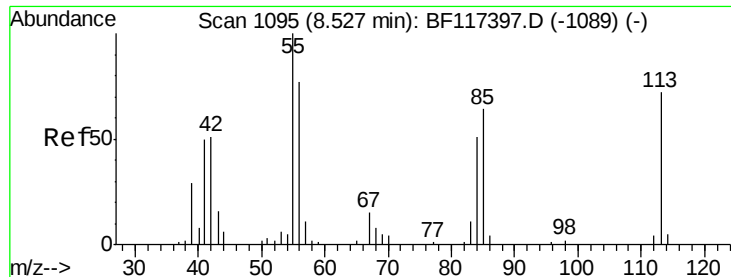


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

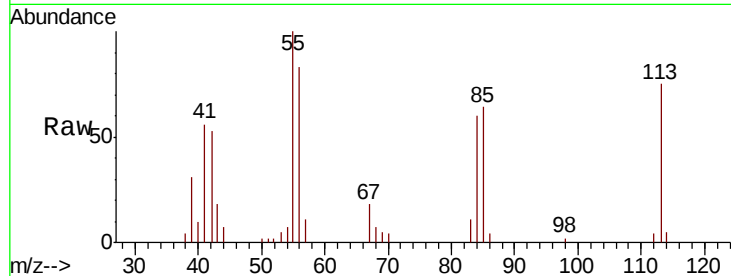




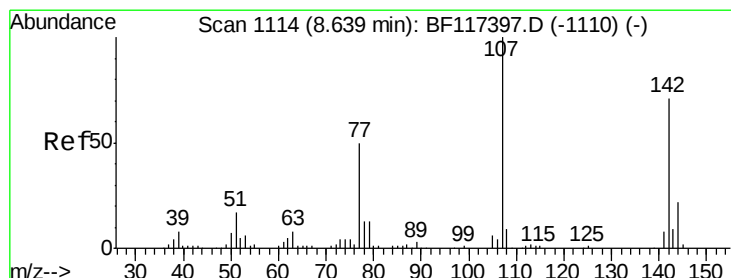
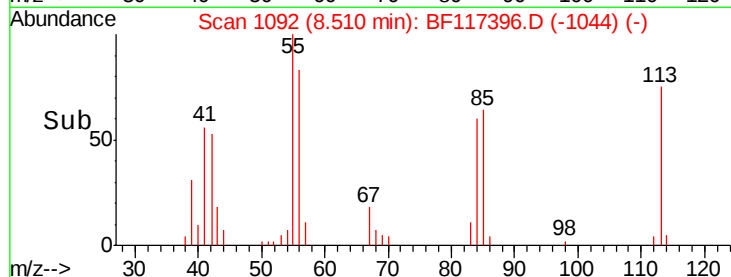
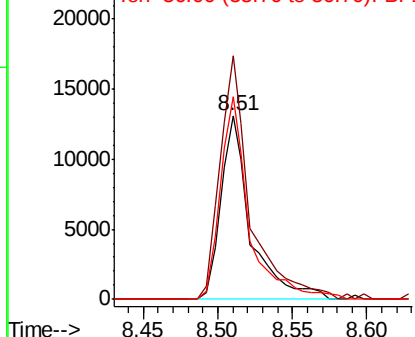
#35
Caprolactam
Concen: 19.826 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 18302
Ion Ratio Lower Upper
113 100
55 132.5 118.5 158.5
56 110.1 86.7 126.7

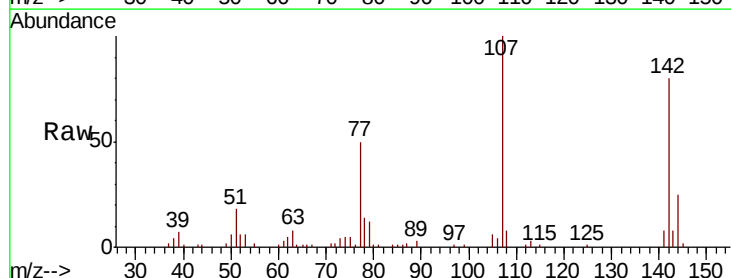


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

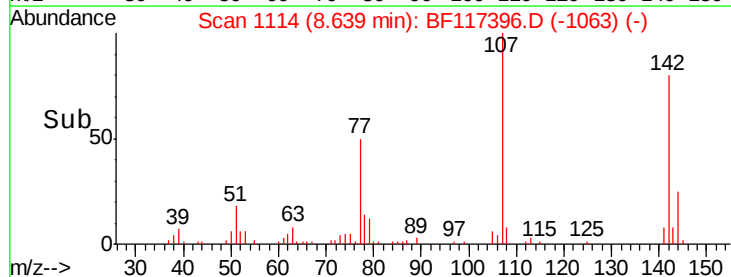
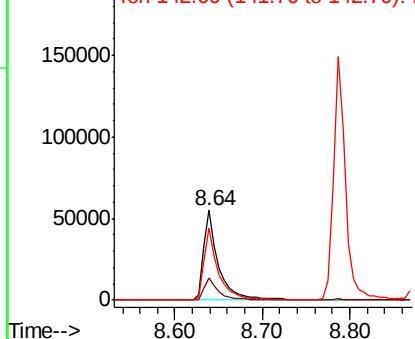


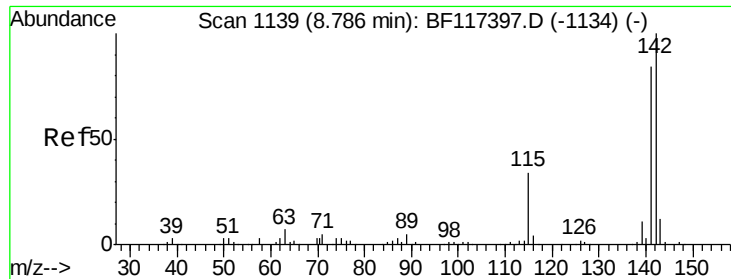
#36
4-Chloro-3-methylphenol
Concen: 20.691 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:107 Resp: 65798
Ion Ratio Lower Upper
107 100
144 24.9 17.9 26.9
142 79.6 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

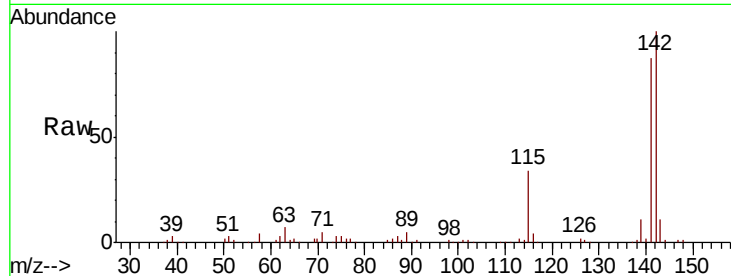




#37
2-Methylnaphthalene
Concen: 21.750 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	67.2	100.8
115	34.5	26.9	40.3

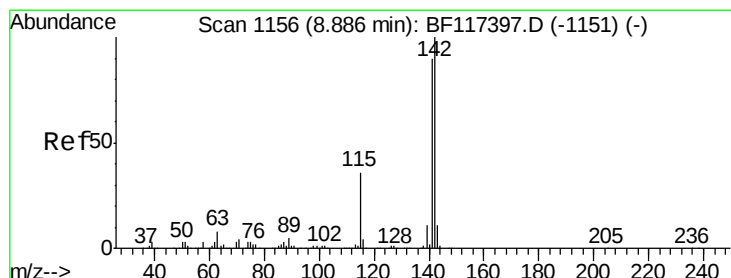
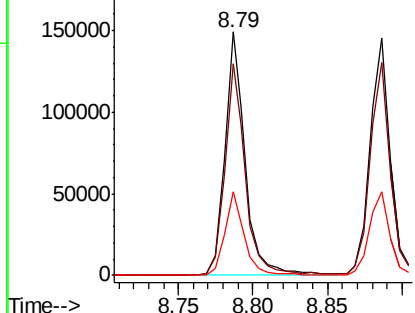
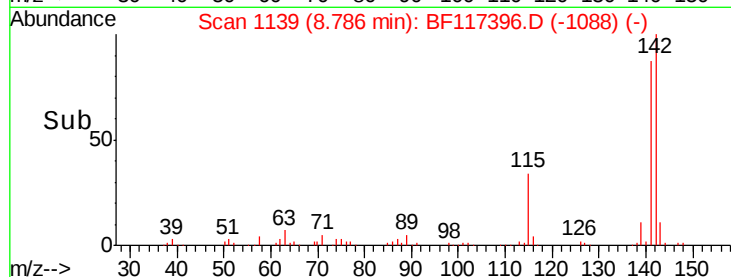


Abundance

Ion 142.00 (141.70 to 142.70): E

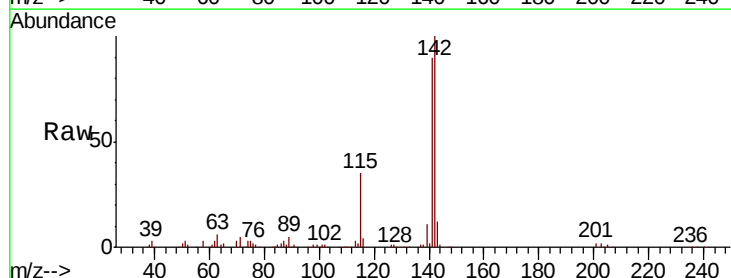
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 21.732 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.8
116	3.6	2.9	4.3

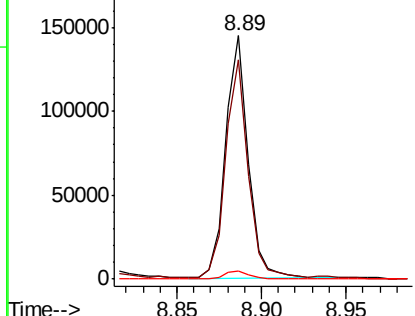
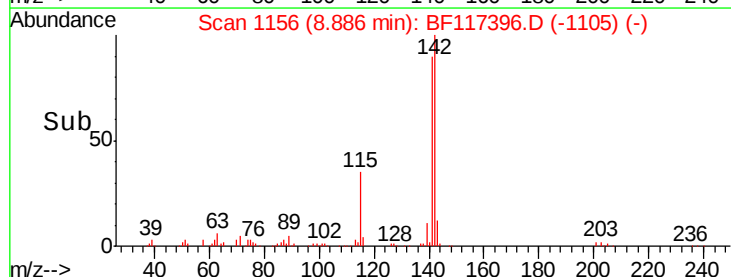


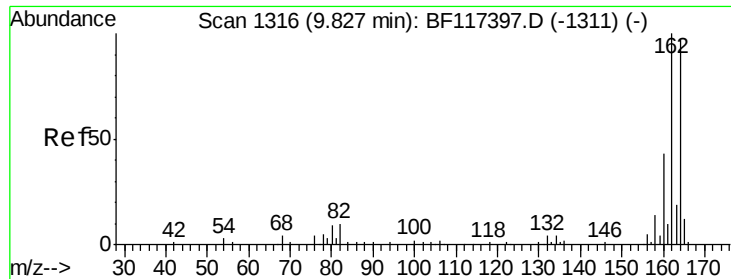
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

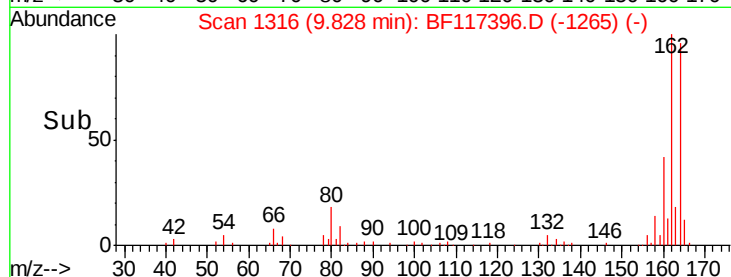
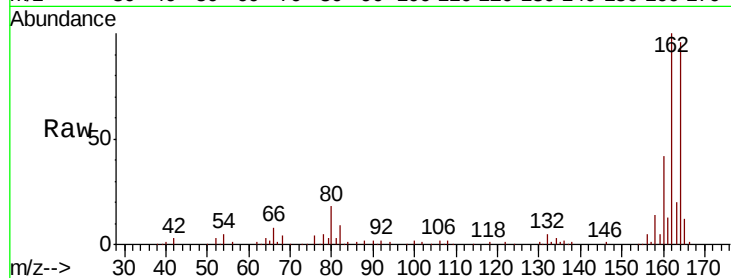
Tot Ion:164 Resp: 103310

Ion Ratio Lower Upper

164 100

162 104.0 82.4 123.6

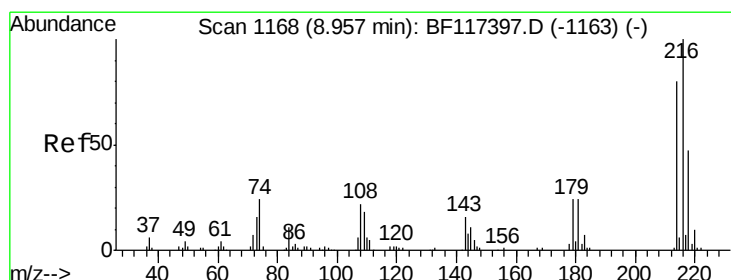
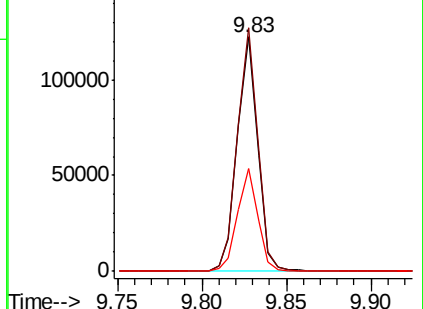
160 44.1 35.4 53.0



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: 21.961 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Tgt Ion:216 Resp: 58587

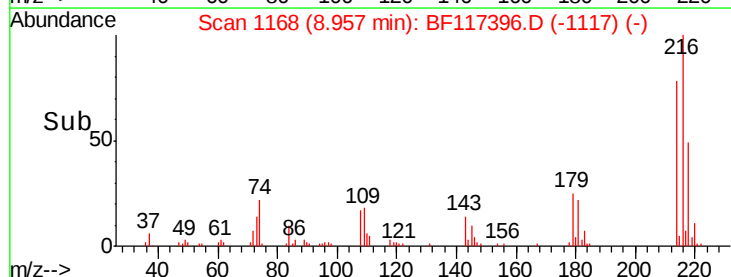
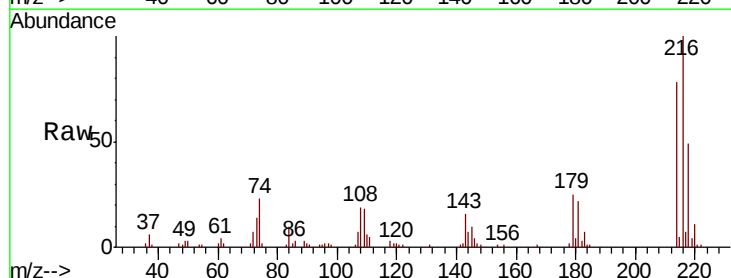
Ion Ratio Lower Upper

216 100

214 77.5 63.8 95.6

179 23.2 18.6 28.0

108 18.8 17.0 25.4

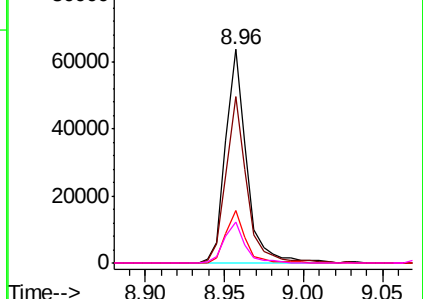


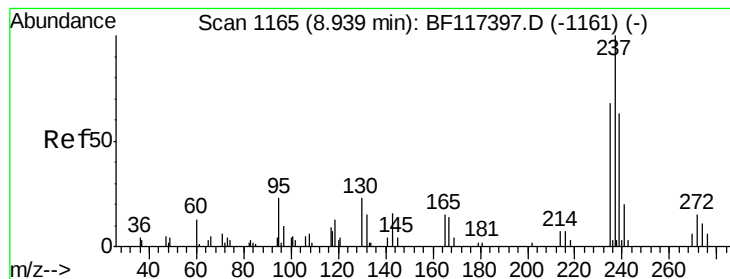
Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.345 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

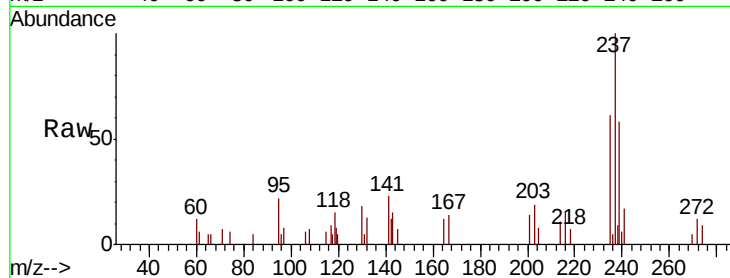
Tot Ion:237 Resp: 4360

Ion Ratio Lower Upper

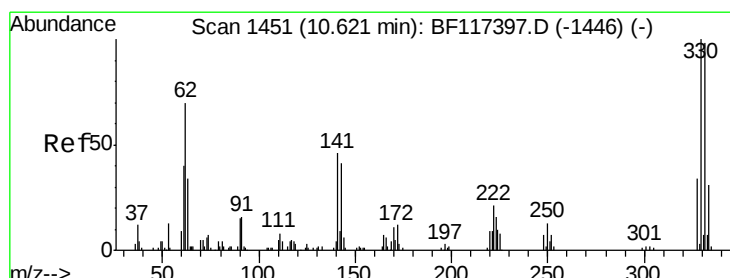
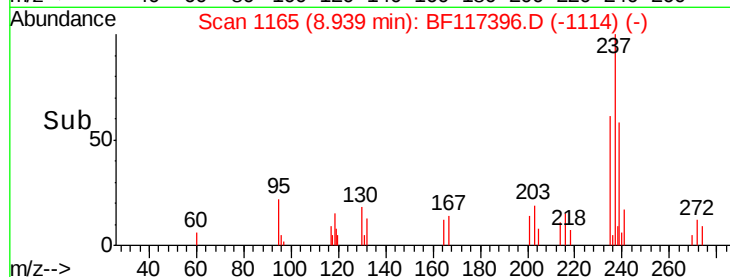
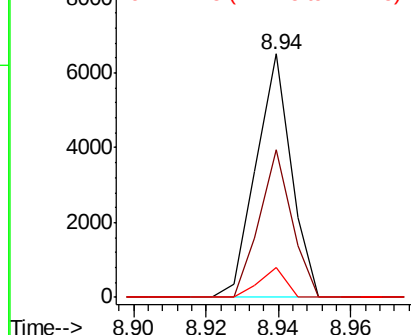
237 100

235 60.8 47.8 87.8

272 12.1 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: 41.015 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

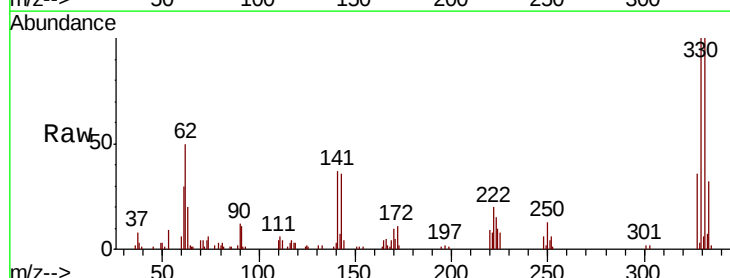
Tgt Ion:330 Resp: 35414

Ion Ratio Lower Upper

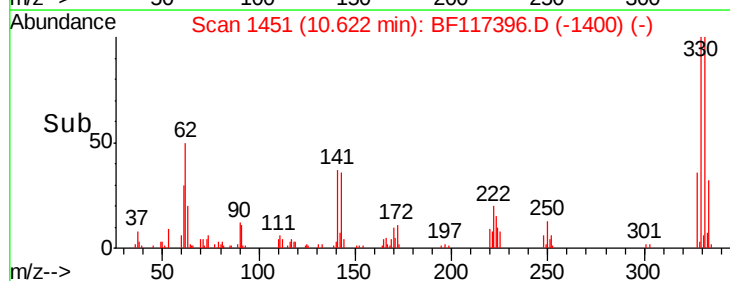
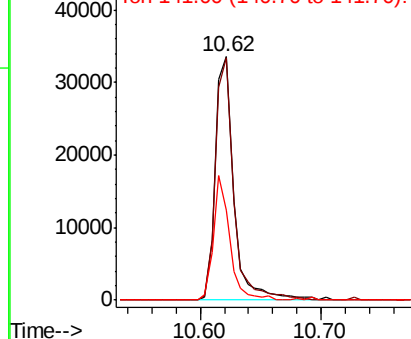
330 100

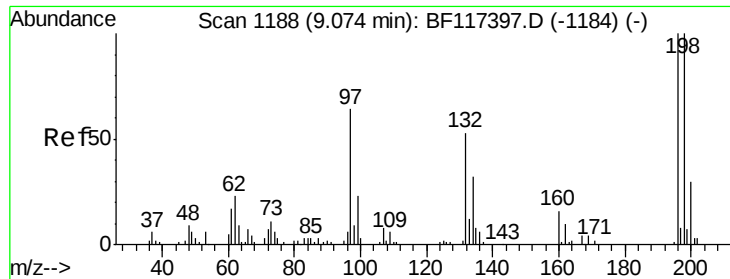
332 97.9 75.0 112.6

141 44.8 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

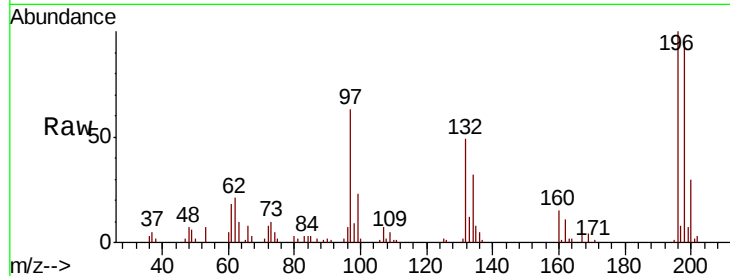




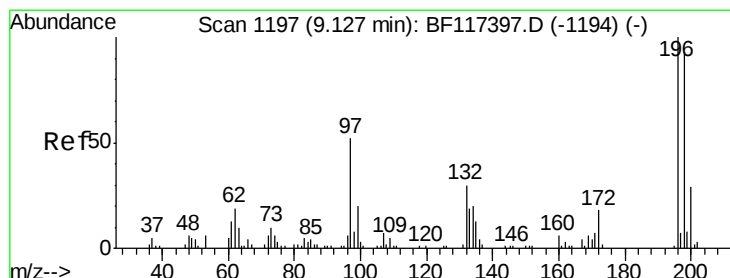
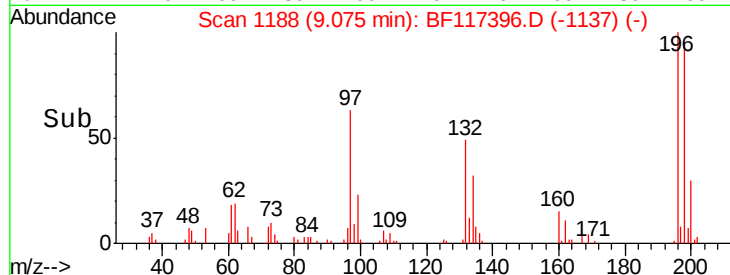
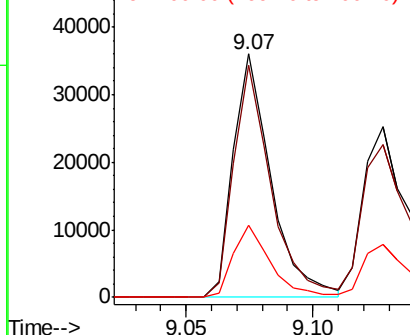
#43
 2,4,6-Trichlorophenol
 Concen: 20.616 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 37323
 Ion Ratio Lower Upper
 196 100
 198 95.3 79.8 119.6
 200 29.7 23.7 35.5

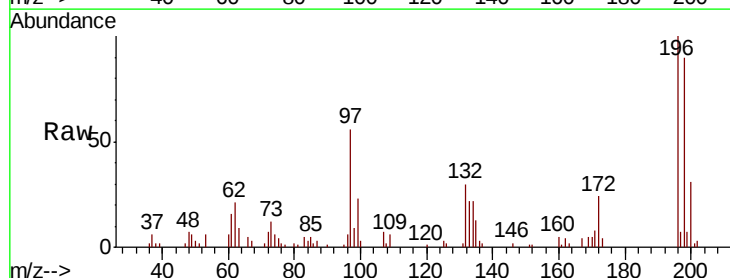


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

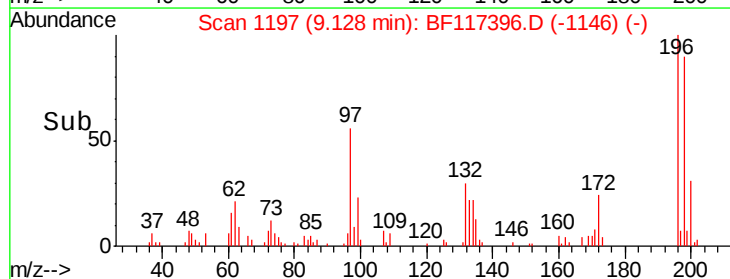
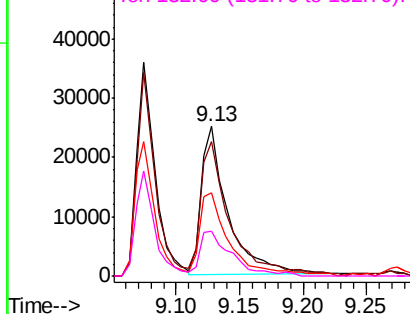


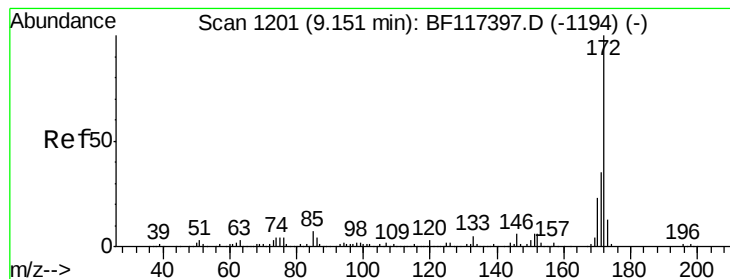
#44
 2,4,5-Trichlorophenol
 Concen: 18.898 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion:196 Resp: 36553
 Ion Ratio Lower Upper
 196 100
 198 89.9 74.9 112.3
 97 56.0 42.5 63.7
 132 29.7 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: 45.480 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

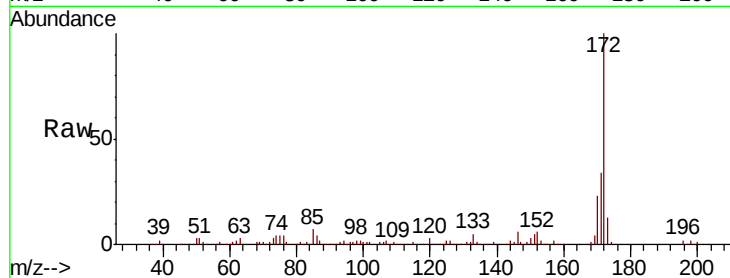
Tot Ion:172 Resp: 300501

Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.2

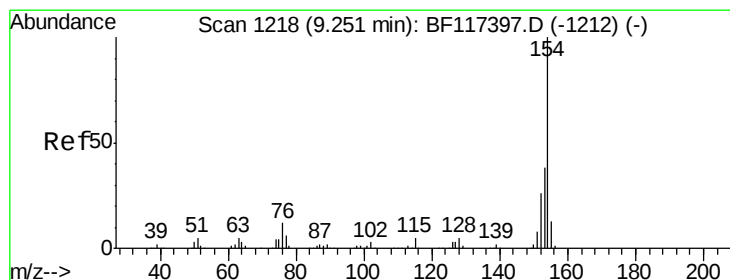
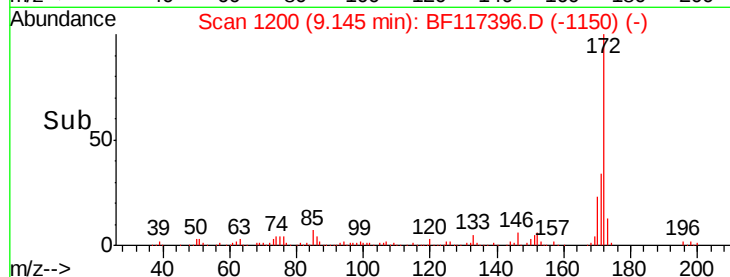
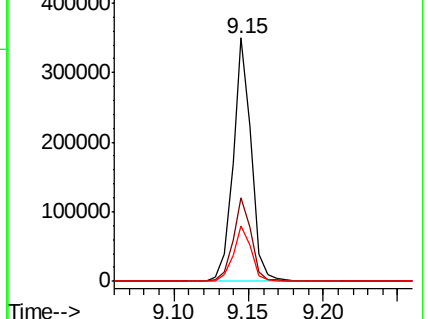
170 22.6 18.2 27.2



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: 21.823 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

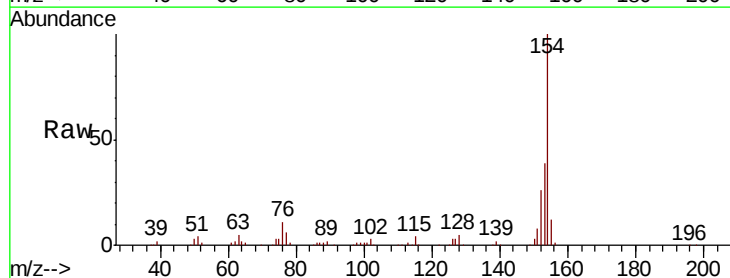
Tgt Ion:154 Resp: 176849

Ion Ratio Lower Upper

154 100

153 38.9 18.3 58.3

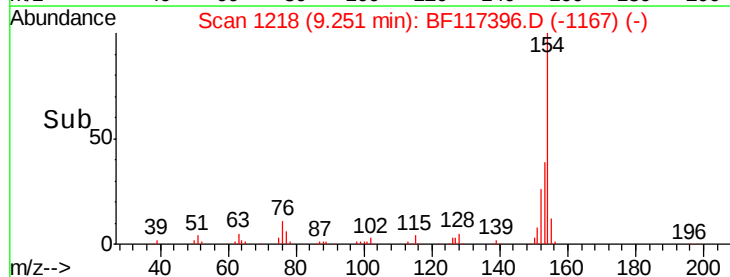
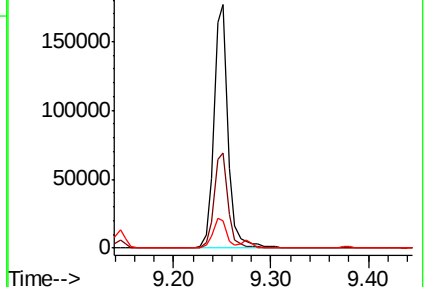
76 11.0 0.0 32.3

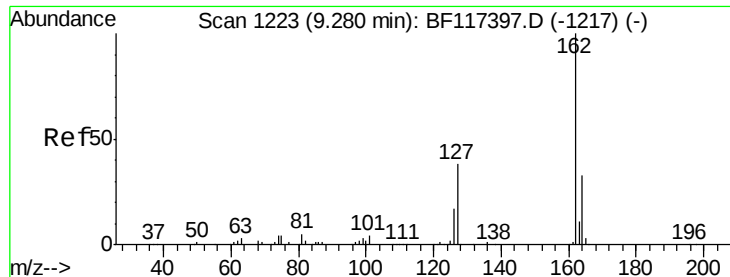


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 21.441 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

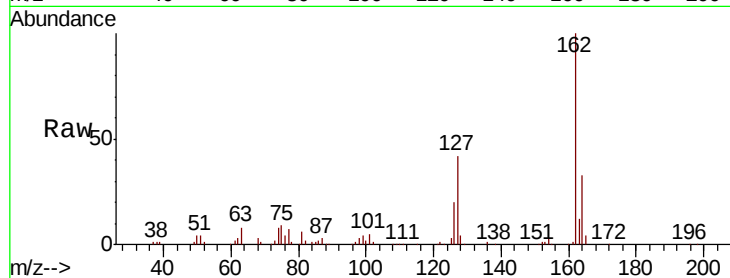
Tot Ion:162 Resp: 137127

Ion Ratio Lower Upper

162 100

127 42.5 32.6 48.8

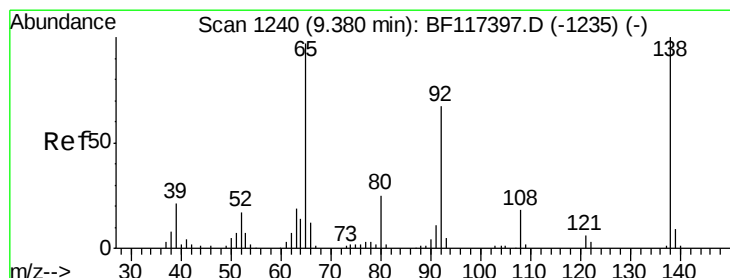
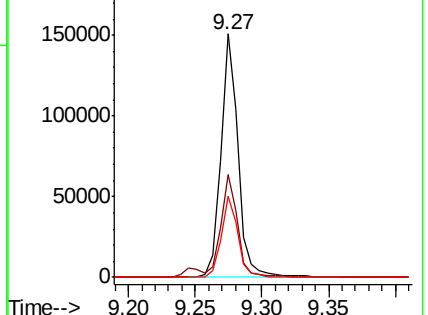
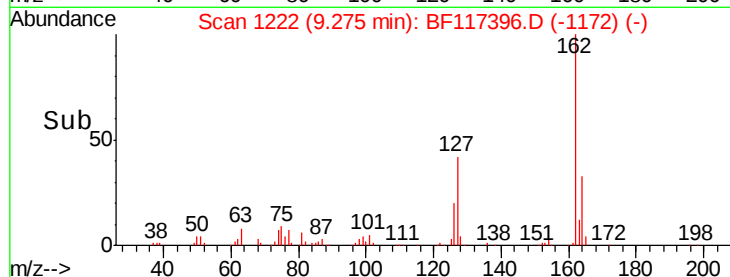
164 33.5 26.2 39.4



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: 21.255 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

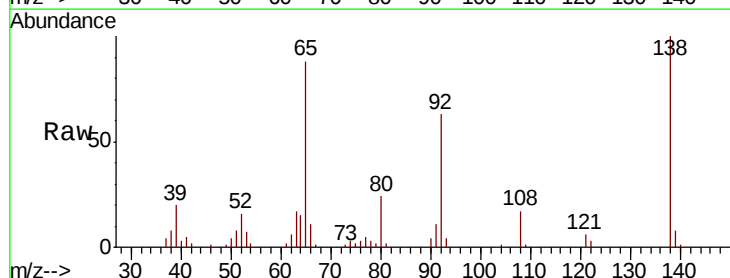
Tgt Ion: 65 Resp: 43601

Ion Ratio Lower Upper

65 100

92 71.2 55.4 83.0

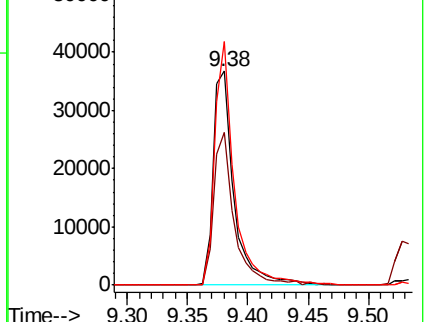
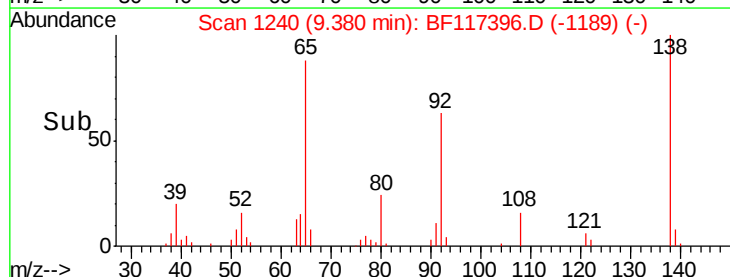
138 113.8 82.6 124.0

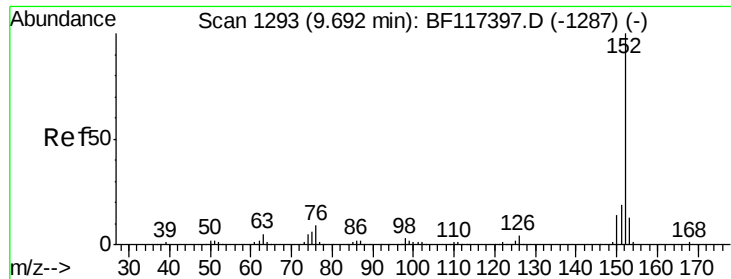


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 21.228 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

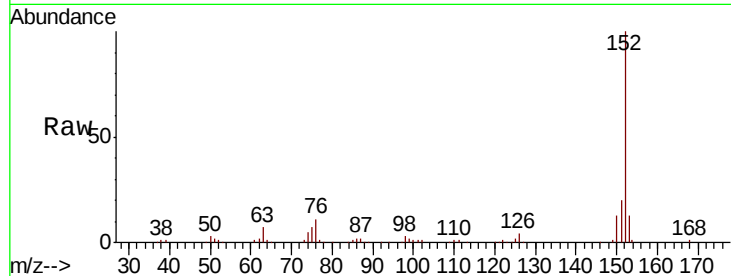
Tot Ion:152 Resp: 203385

Ion Ratio Lower Upper

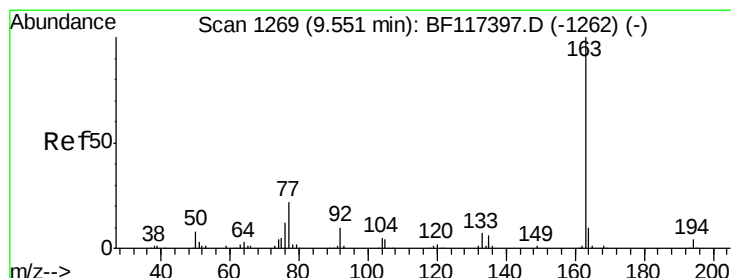
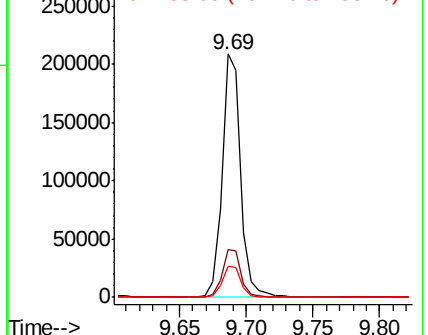
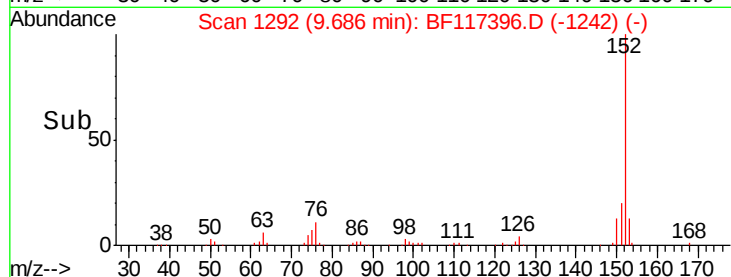
152 100

151 19.9 15.5 23.3

153 13.0 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: 21.091 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

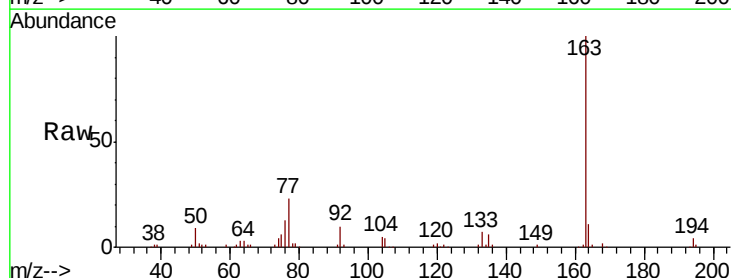
Tgt Ion:163 Resp: 154278

Ion Ratio Lower Upper

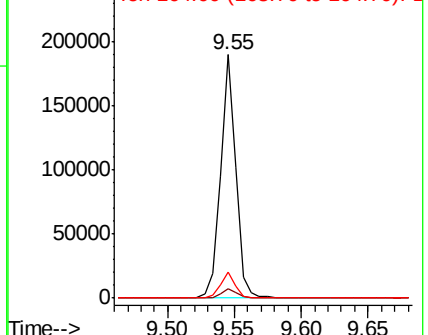
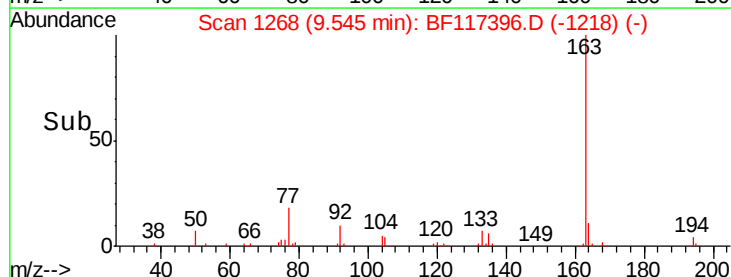
163 100

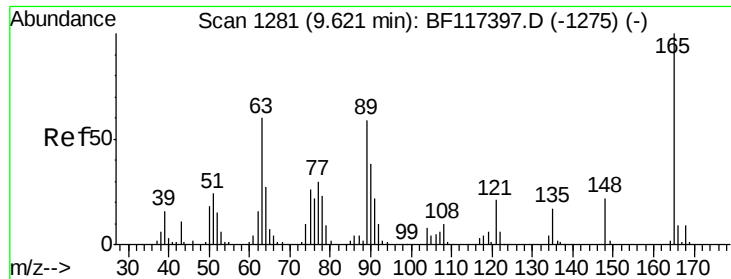
194 3.6 3.1 4.7

164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

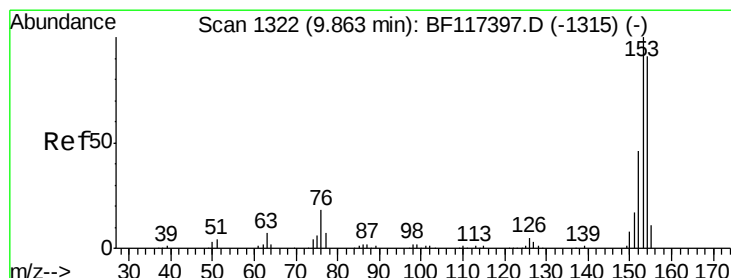
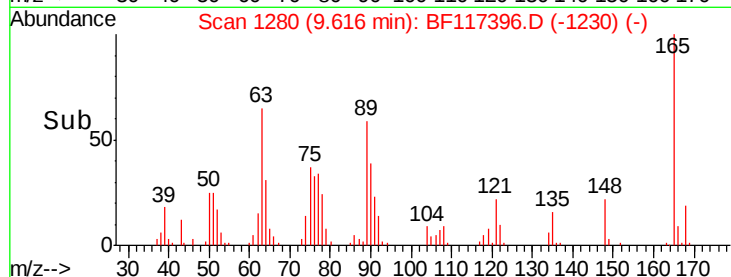
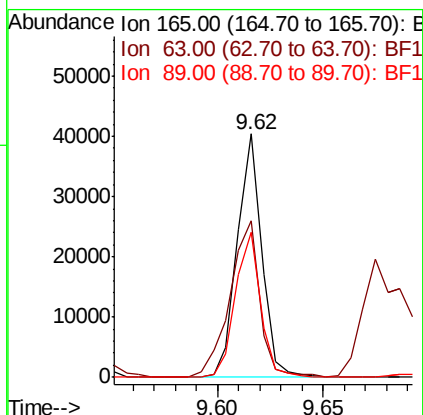
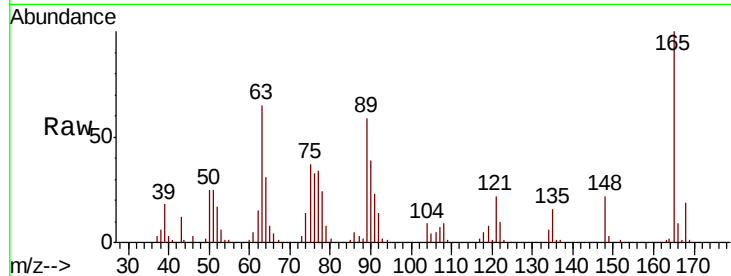




#51
 2,6-Dinitrotoluene
 Concen: 21.763 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

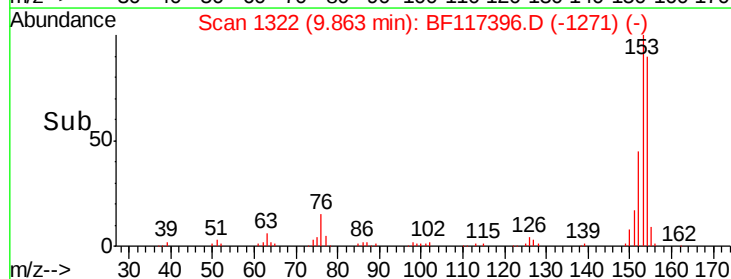
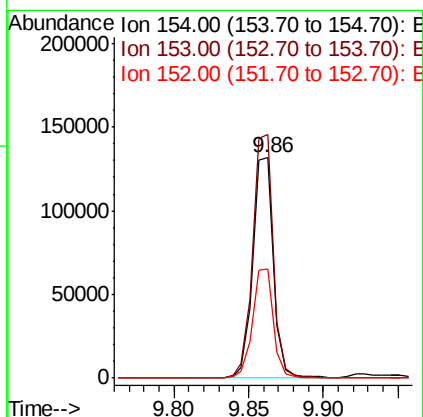
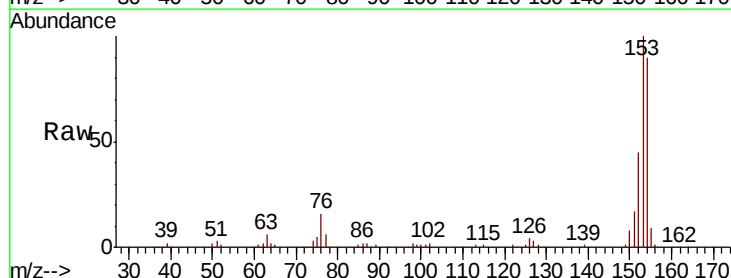
Instrument :
 BNA_F
 ClientSampled :

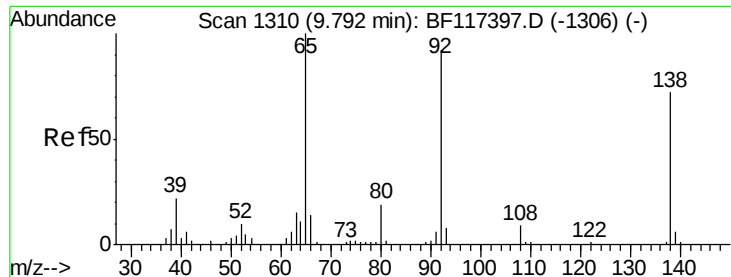
Tot Ion:165 Resp: 32423
 Ion Ratio Lower Upper
 165 100
 63 64.5 47.8 71.6
 89 59.5 47.4 71.0



#52
 Acenaphthene
 Concen: 21.946 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion:154 Resp: 124639
 Ion Ratio Lower Upper
 154 100
 153 110.6 87.9 131.9
 152 49.9 40.8 61.2

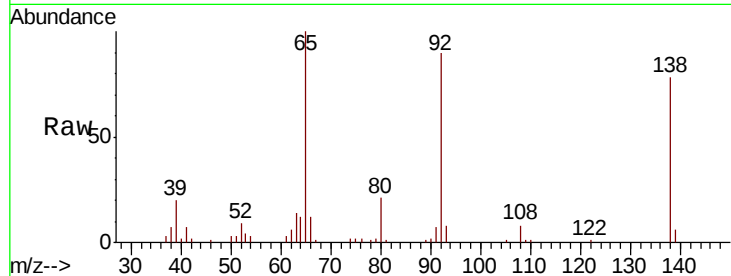




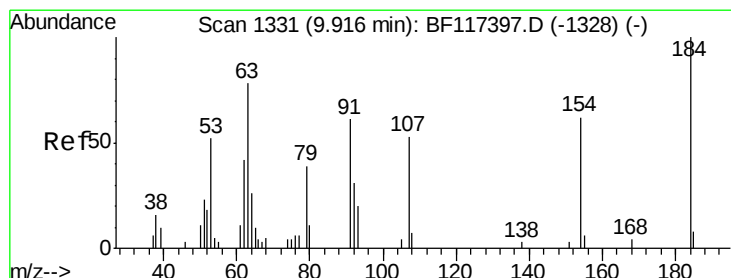
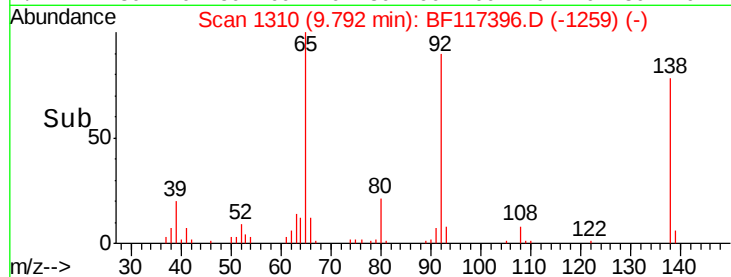
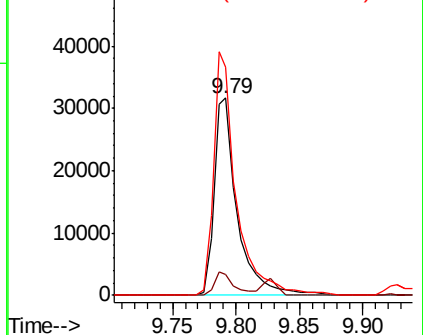
#53
3-Nitroaniline
Concen: 21.531 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 40472
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 115.6 102.2 153.4

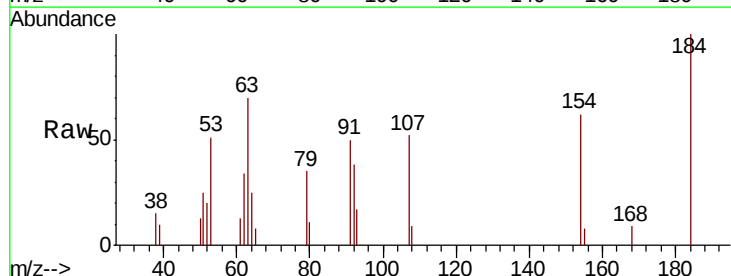


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

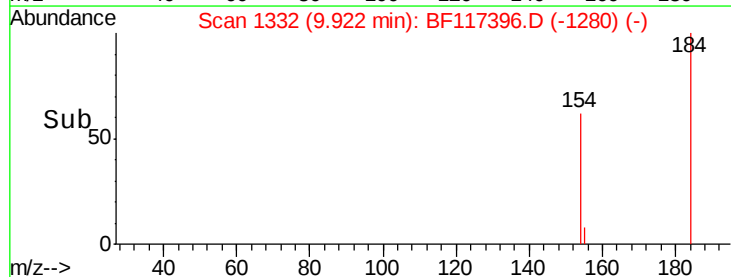
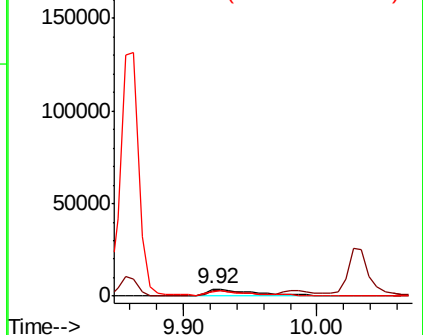


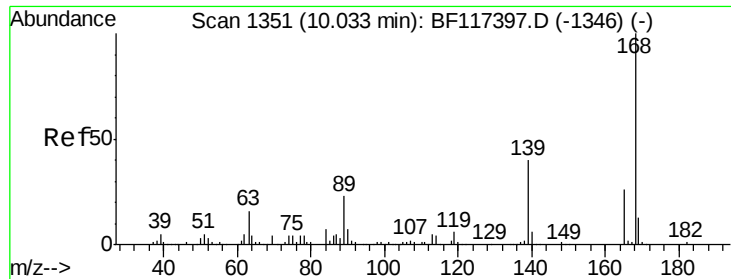
#54
2,4-Dinitrophenol
Concen: 18.974 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:184 Resp: 10006
Ion Ratio Lower Upper
184 100
63 70.4 62.4 93.6
154 61.6 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

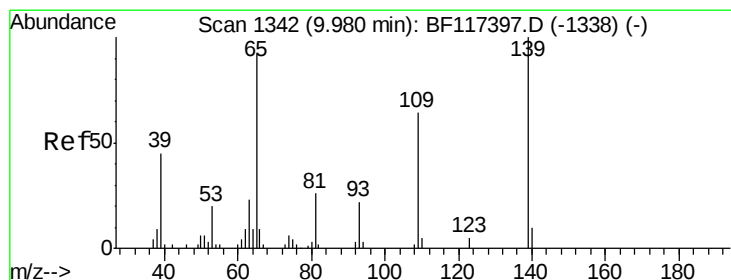
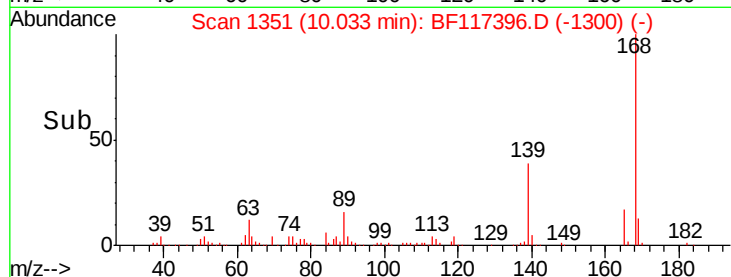
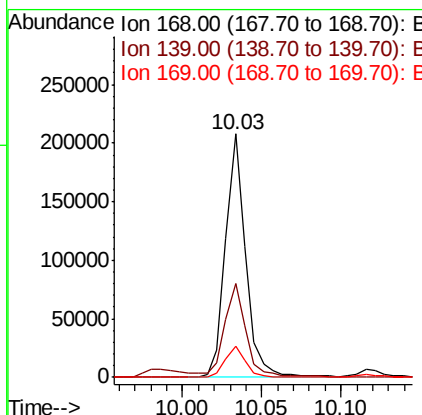
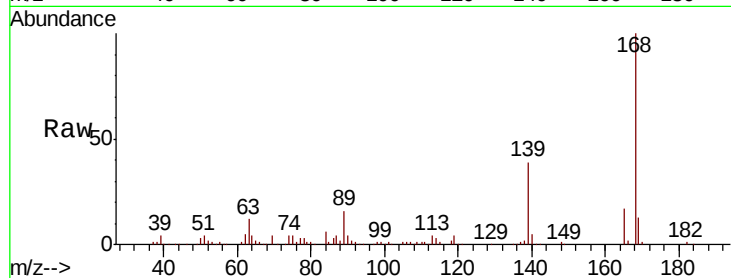




#55
Dibenzofuran
Concen: 21.924 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

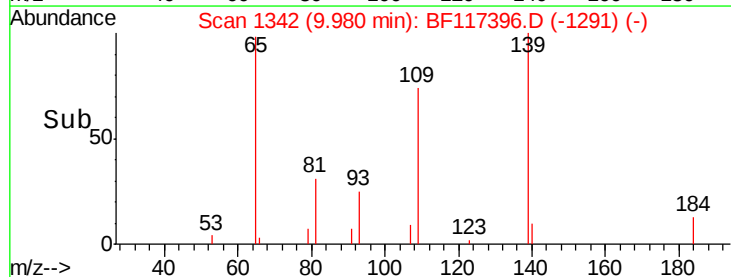
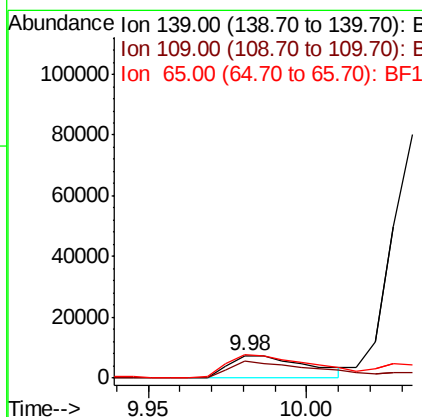
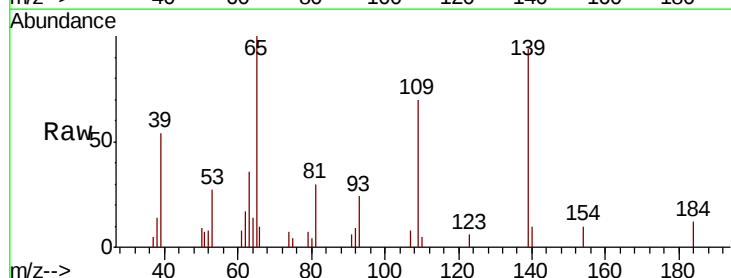
Instrument :
BNA_F
ClientSampleId :

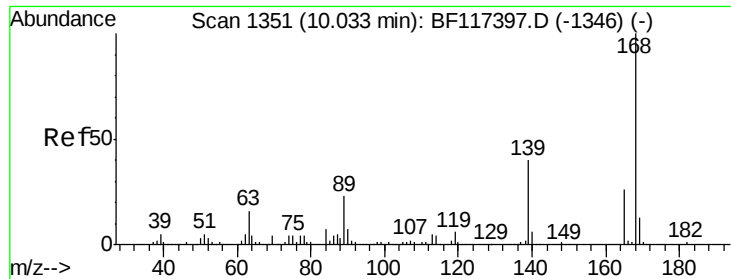
Tot Ion:168 Resp: 183708
Ion Ratio Lower Upper
168 100
139 38.6 33.3 49.9
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 10.466 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:139 Resp: 12750
Ion Ratio Lower Upper
139 100
109 74.2 43.8 83.8
65 106.2 73.9 113.9

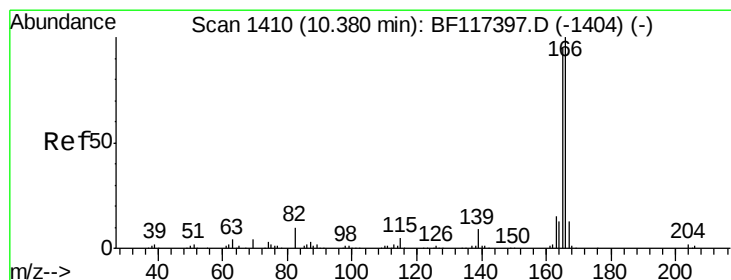
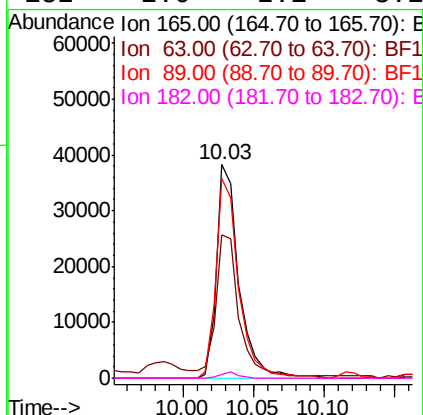
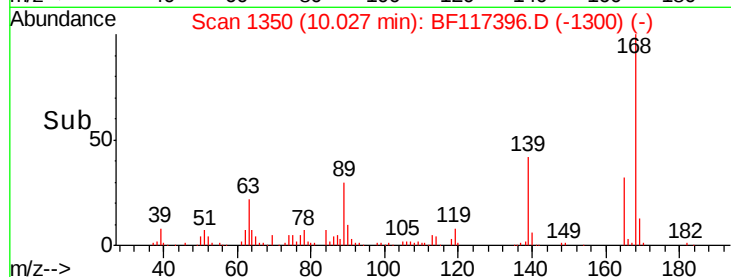
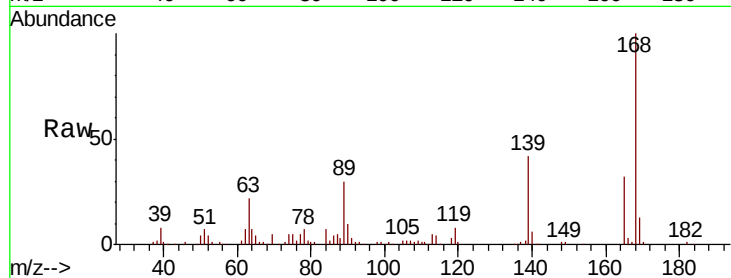




#57
2,4-Dinitrotoluene
Concen: 21.847 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

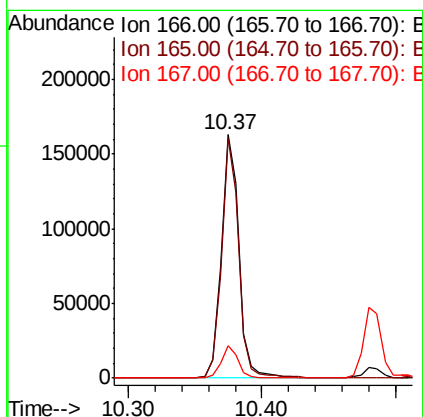
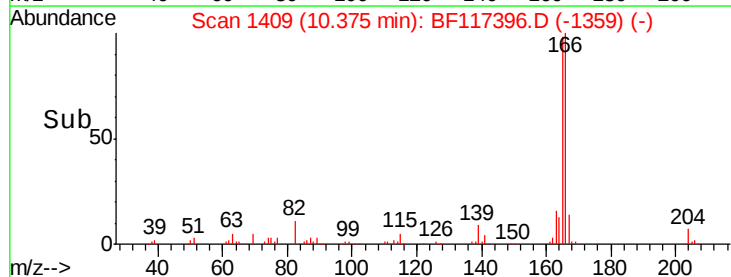
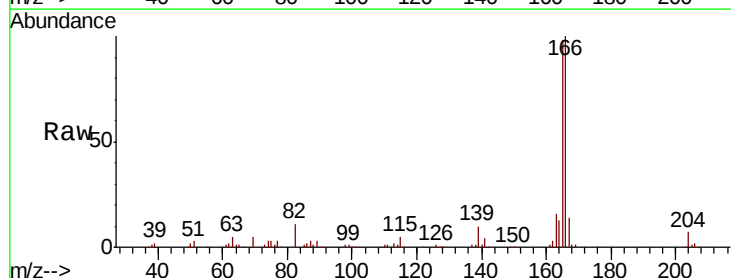
Instrument :
BNA_F
ClientSampled :

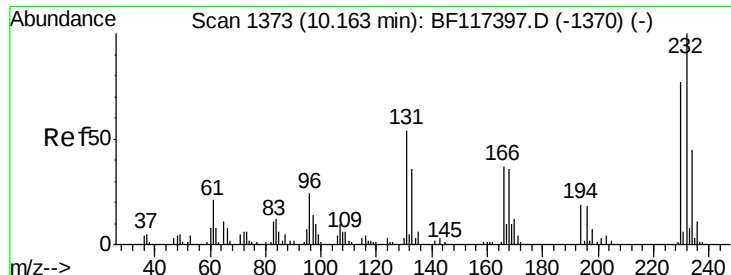
Tot Ion:165 Resp: 42248
Ion Ratio Lower Upper
165 100
63 67.2 51.0 76.4
89 93.8 70.7 106.1
182 2.0 2.1 3.1#



#58
Fluorene
Concen: 22.478 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:166 Resp: 151728
Ion Ratio Lower Upper
166 100
165 98.2 75.7 113.5
167 13.5 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 16.832 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.05 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 24914

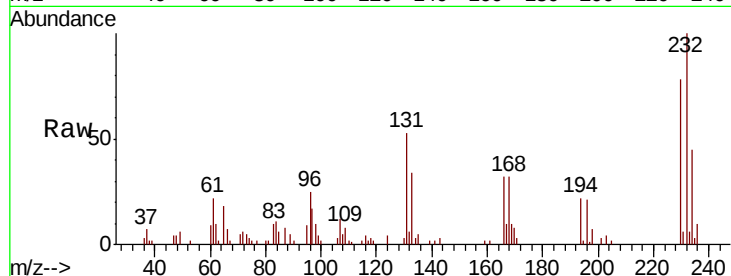
Ion Ratio Lower Upper

232 100

131 49.6 44.5 66.7

130 2.6 2.0 3.0

166 30.0 27.1 40.7

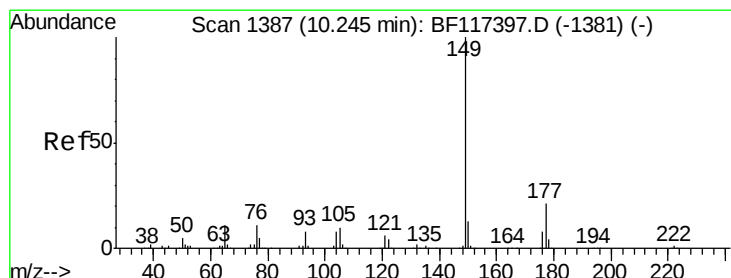
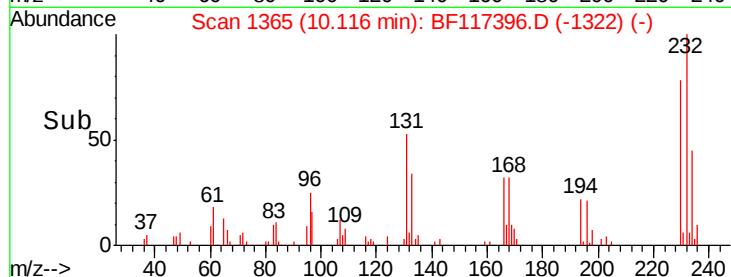
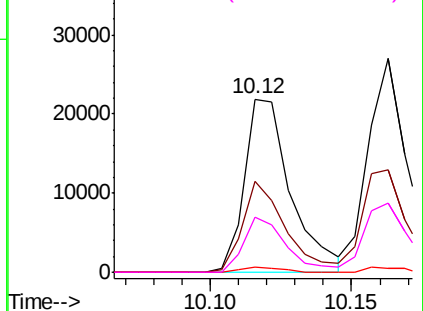


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 21.964 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

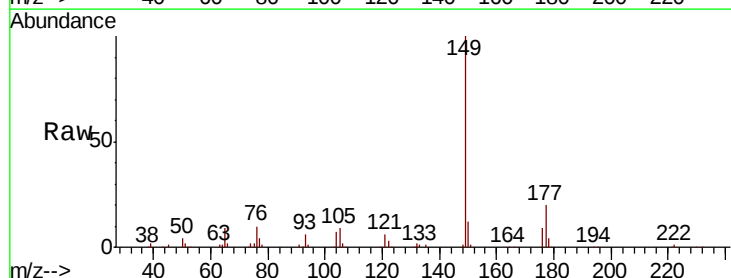
Tgt Ion:149 Resp: 158062

Ion Ratio Lower Upper

149 100

177 19.9 16.5 24.7

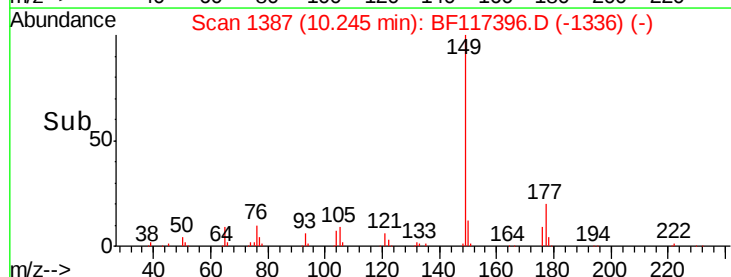
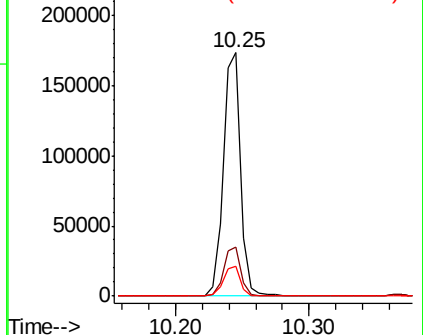
150 12.4 10.1 15.1

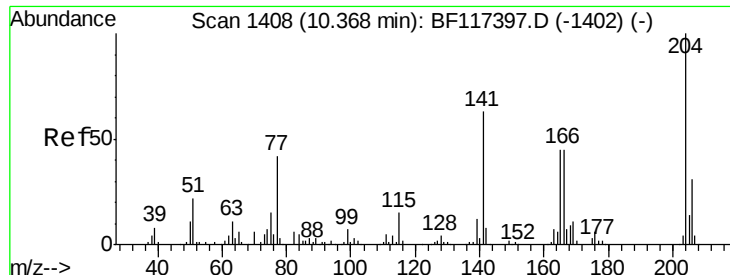


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

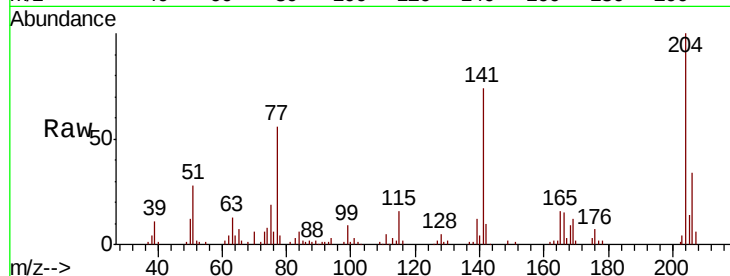




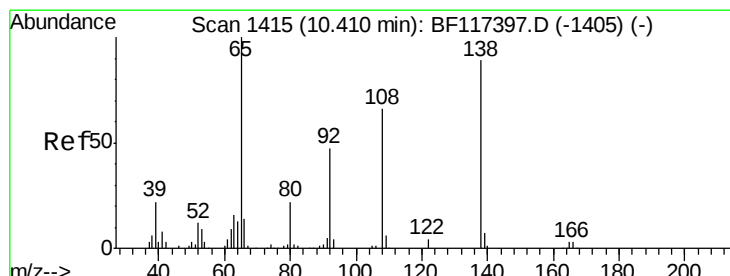
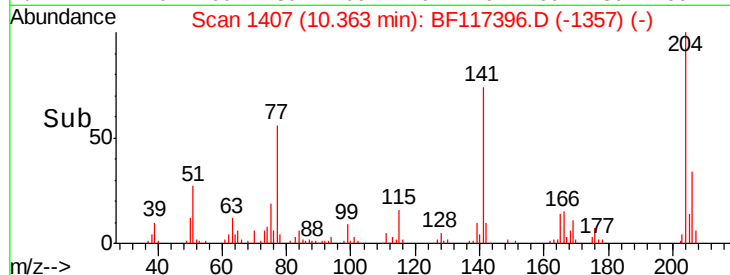
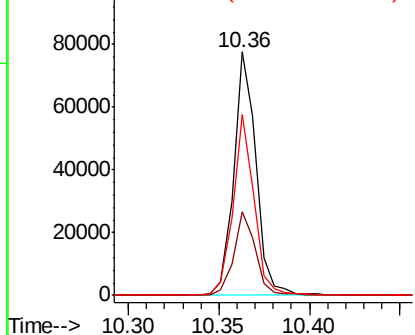
#61
4-Chlorophenyl-phenylether
Concen: 22.747 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 66432
Ion Ratio Lower Upper
204 100
206 34.1 25.0 37.4
141 74.5 50.7 76.1

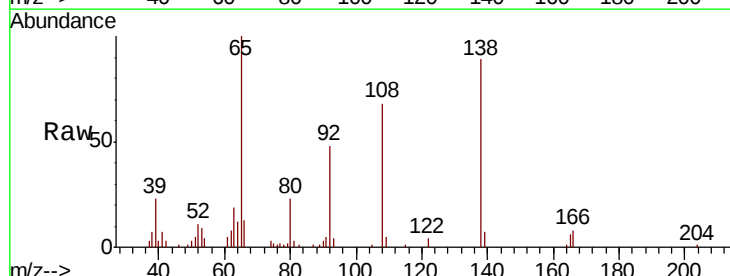


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

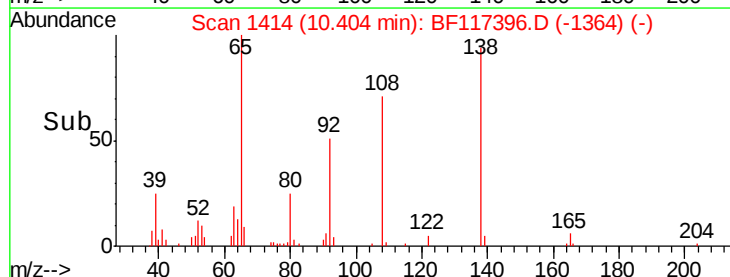
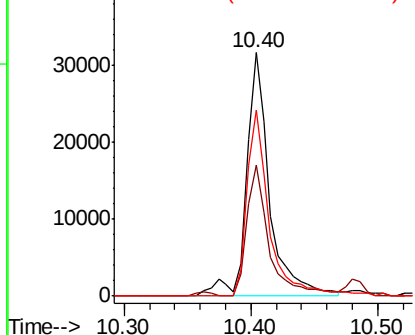


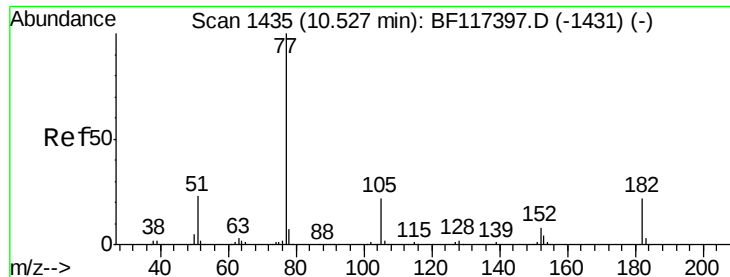
#62
4-Nitroaniline
Concen: 20.451 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:138 Resp: 39977
Ion Ratio Lower Upper
138 100
92 53.8 32.4 72.4
108 76.5 53.8 93.8



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





#63

Azobenzene

Concen: 21.773 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 160034

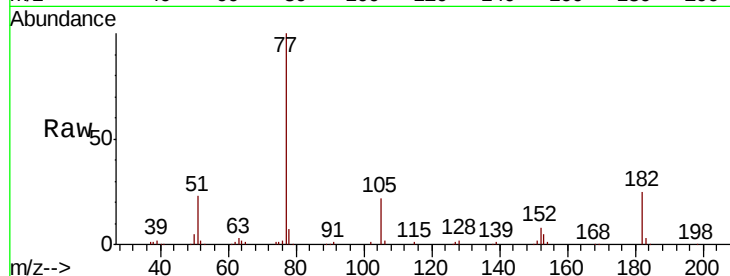
Ion Ratio Lower Upper

77 100

182 24.8 1.5 41.5

105 21.7 1.8 41.8

51 22.6 3.3 43.3

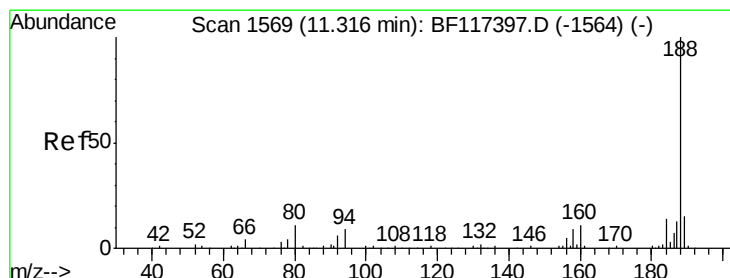
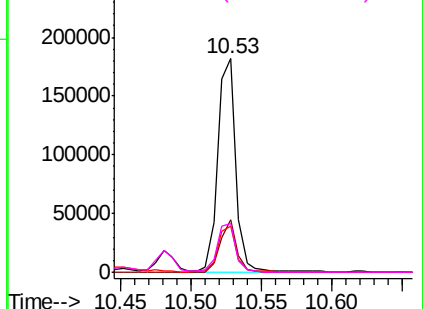
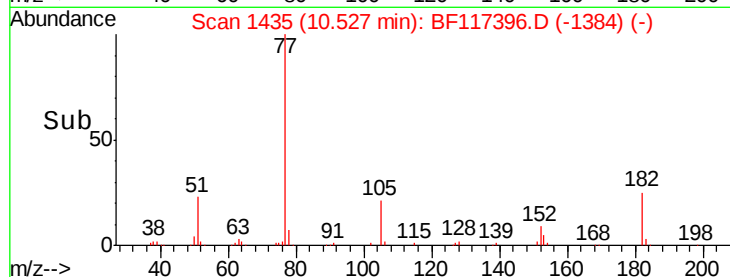


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

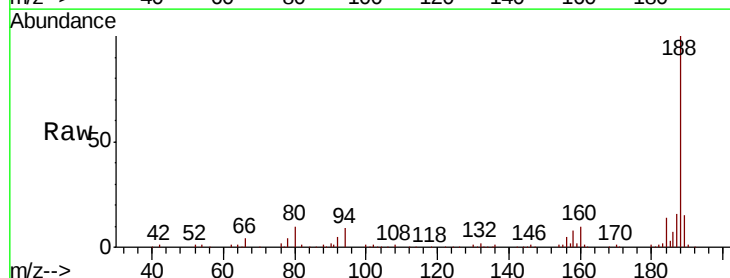
Tgt Ion: 188 Resp: 169782

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

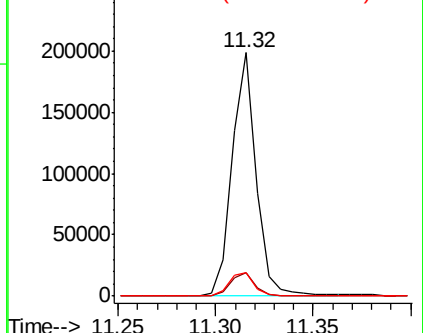
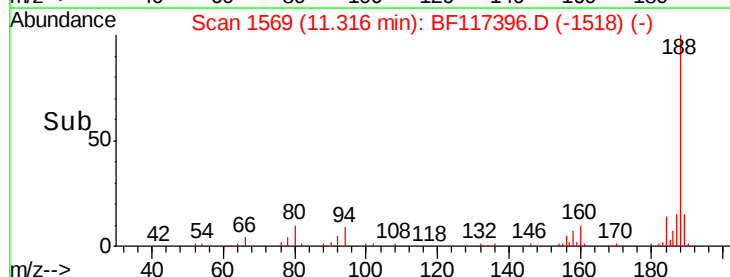
80 9.6 8.7 13.1

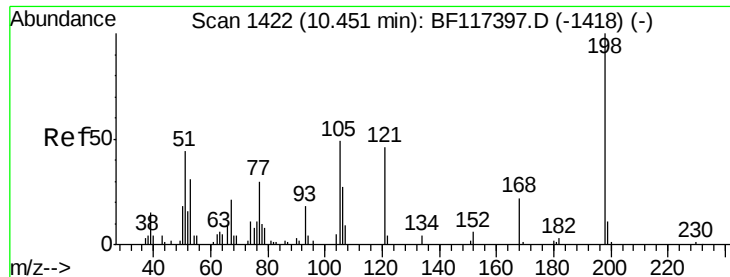


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

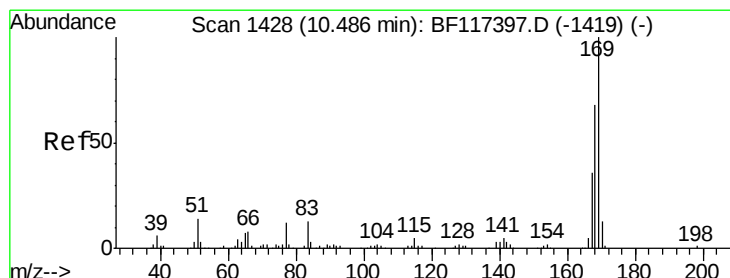
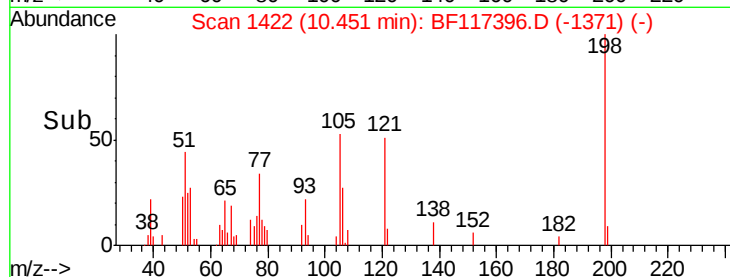
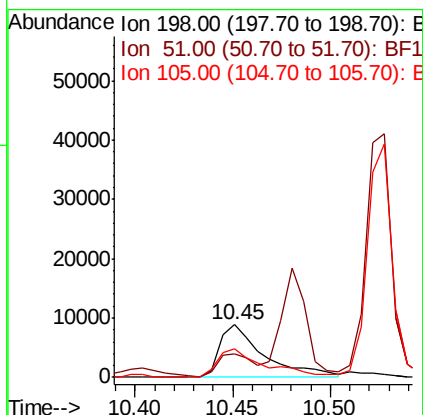
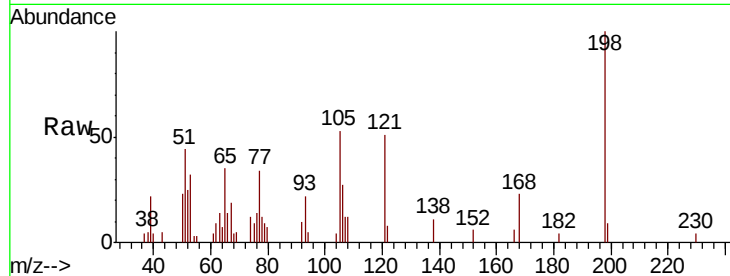




#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.599 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

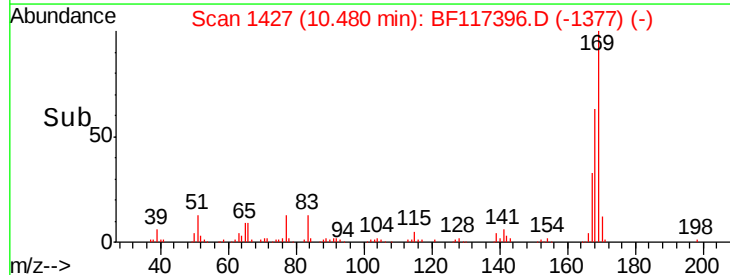
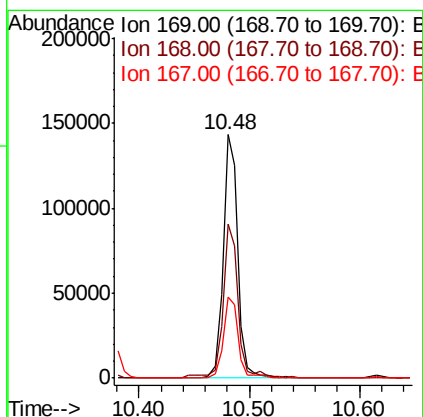
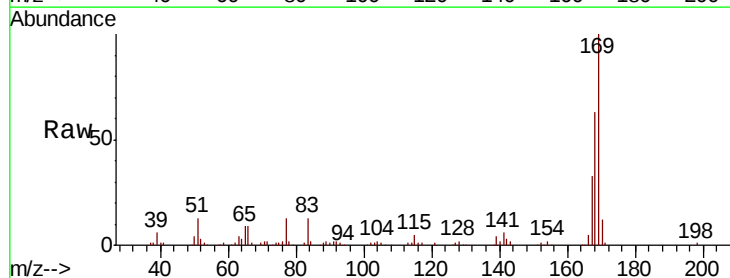
Instrument :
 BNA_F
 ClientSampleId :

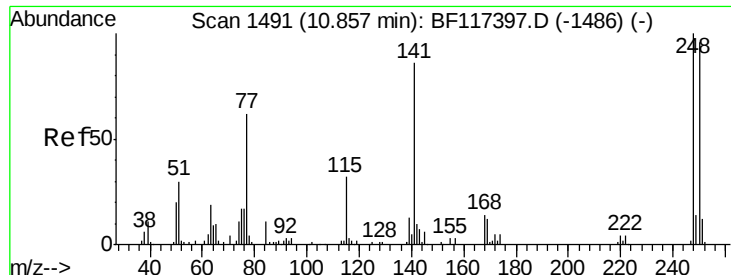
Tot Ion:198 Resp: 13966
 Ion Ratio Lower Upper
 198 100
 51 43.9 25.9 65.9
 105 53.0 29.4 69.4



#66
 n-Nitrosodiphenylamine
 Concen: 22.468 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion:169 Resp: 131740
 Ion Ratio Lower Upper
 169 100
 168 63.4 54.1 81.1
 167 33.1 28.8 43.2

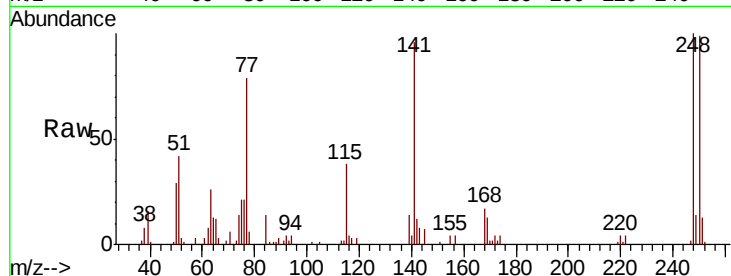




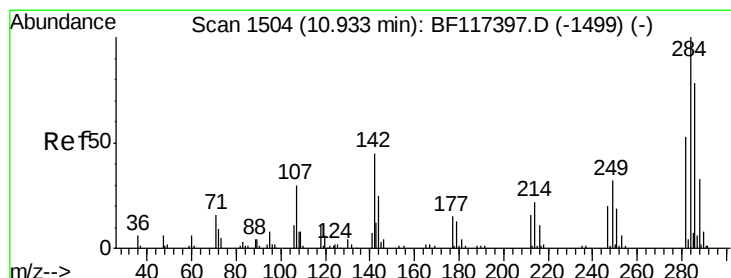
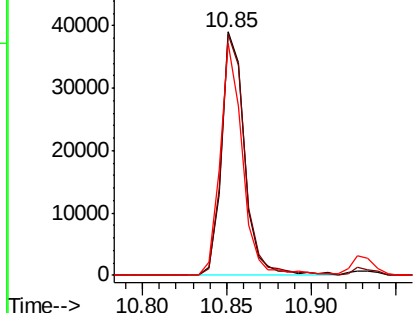
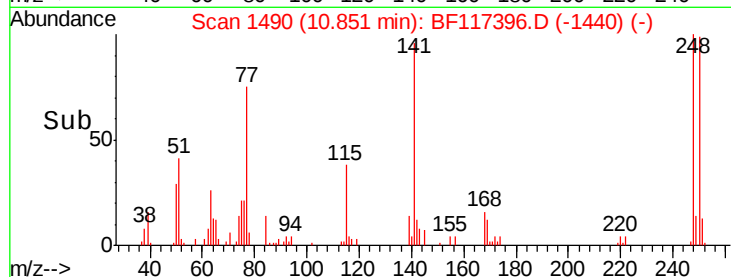
#67
4-Bromophenyl-phenylether
Concen: 21.363 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 37041
Ion Ratio Lower Upper
248 100
250 98.7 77.1 115.7
141 95.5 69.1 103.7

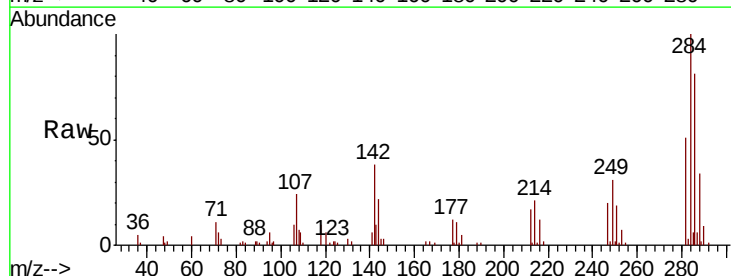


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

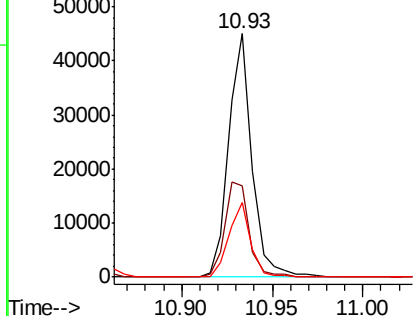
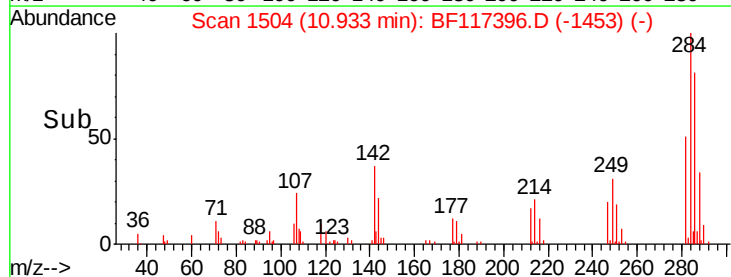


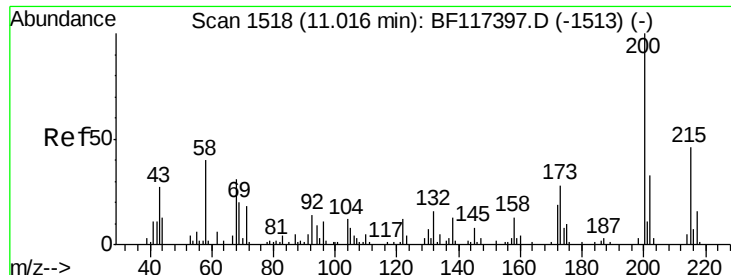
#68
Hexachlorobenzene
Concen: 21.269 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:284 Resp: 40335
Ion Ratio Lower Upper
284 100
142 37.6 35.7 53.5
249 30.6 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: 23.246 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

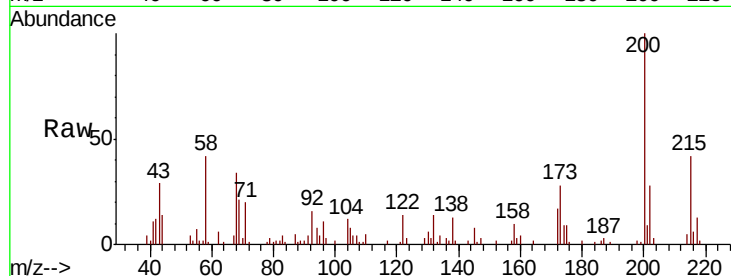
Tot Ion:200 Resp: 33482

Ion Ratio Lower Upper

200 100

173 27.9 8.0 48.0

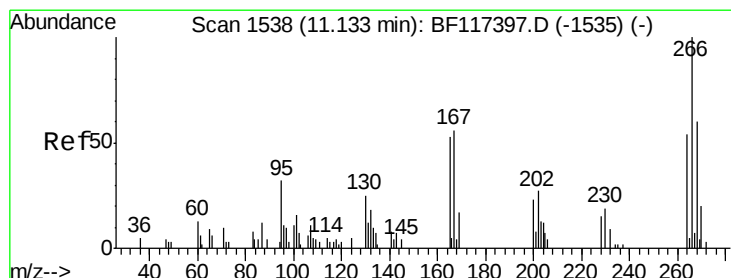
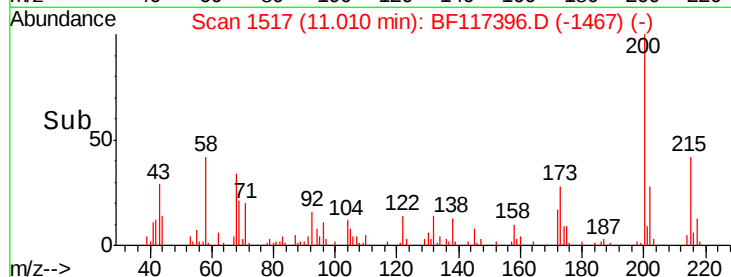
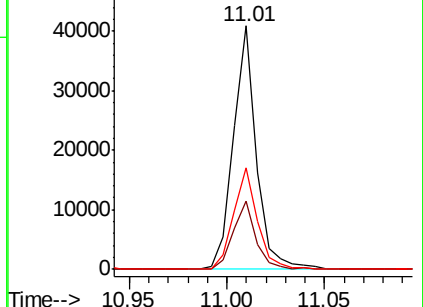
215 41.8 25.8 65.8



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: 13.075 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

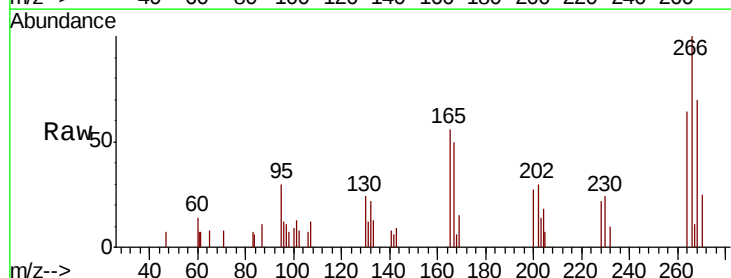
Tgt Ion:266 Resp: 11623

Ion Ratio Lower Upper

266 100

268 69.8 47.8 71.6

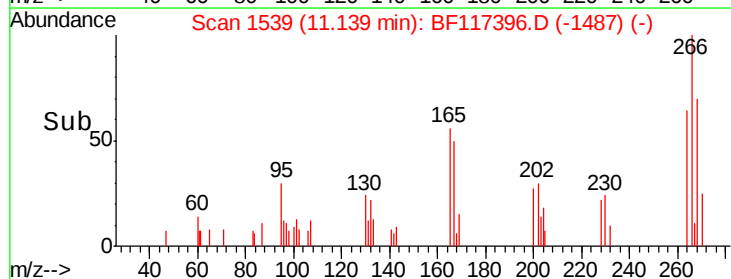
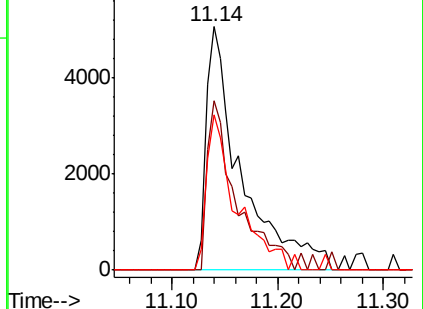
264 63.9 42.9 64.3

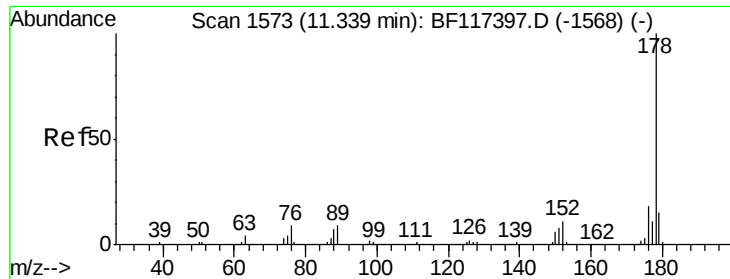


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 21.960 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

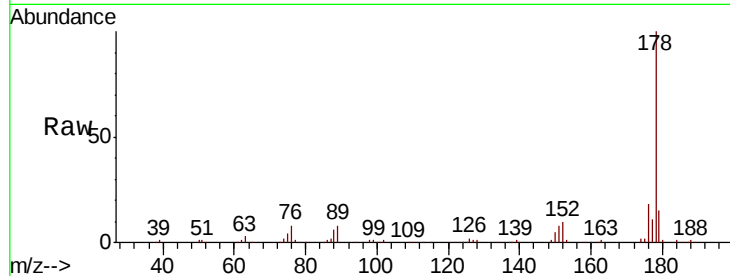
Tot Ion:178 Resp: 211771

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

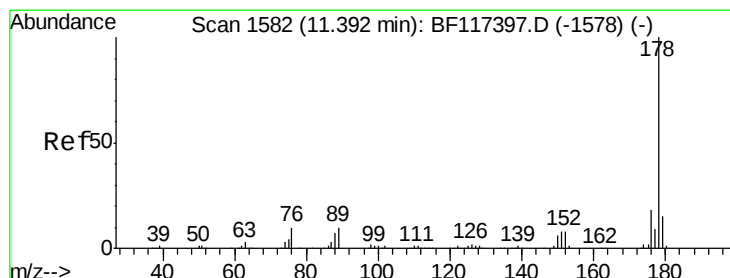
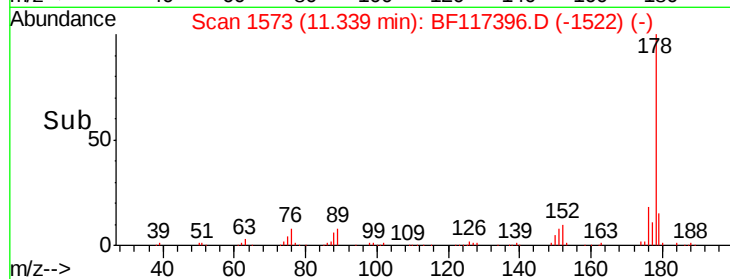
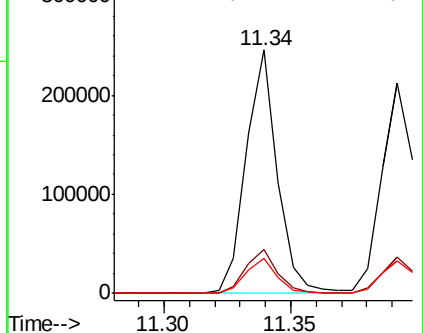
179 14.5 12.3 18.5



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: 21.759 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

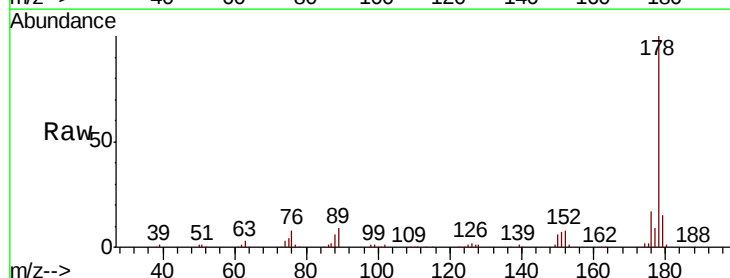
Tgt Ion:178 Resp: 214224

Ion Ratio Lower Upper

178 100

176 17.2 14.4 21.6

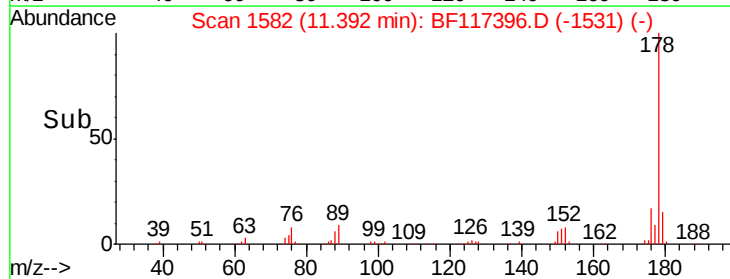
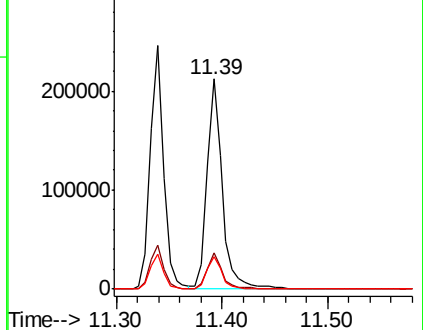
179 15.4 12.1 18.1

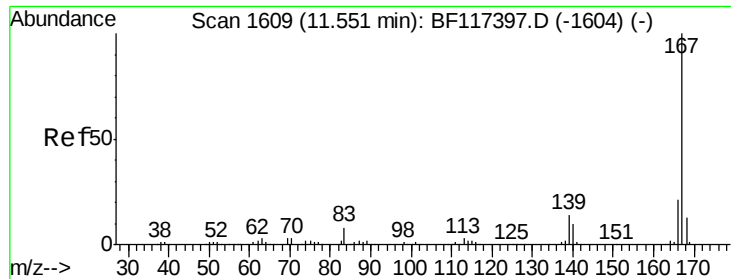


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

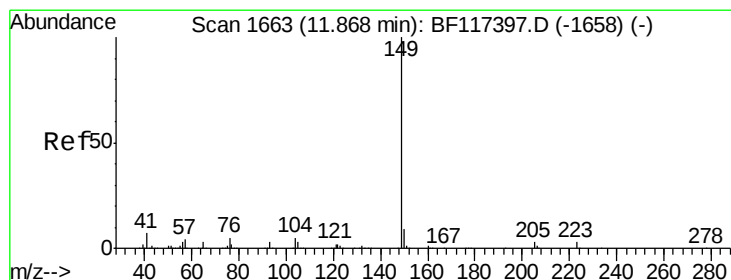
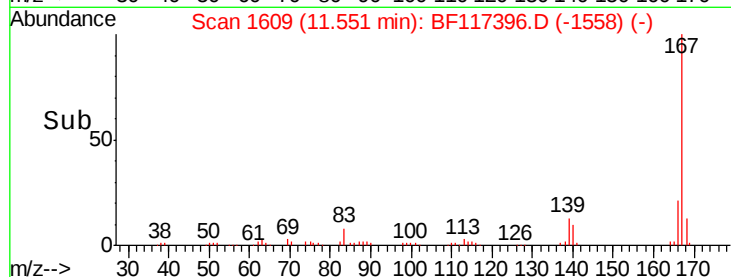
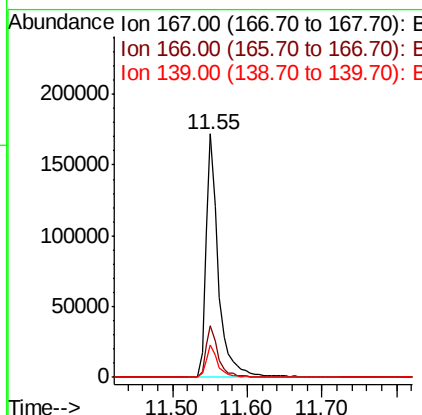
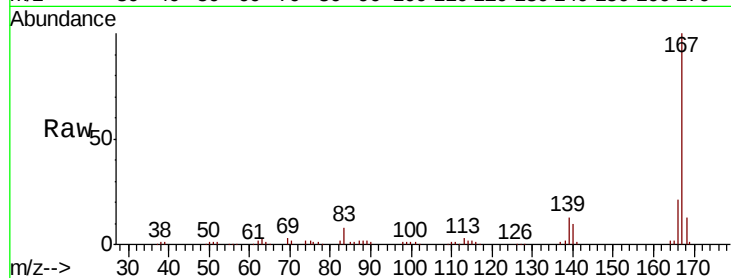




#73
 Carbazole
 Concen: 21.299 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

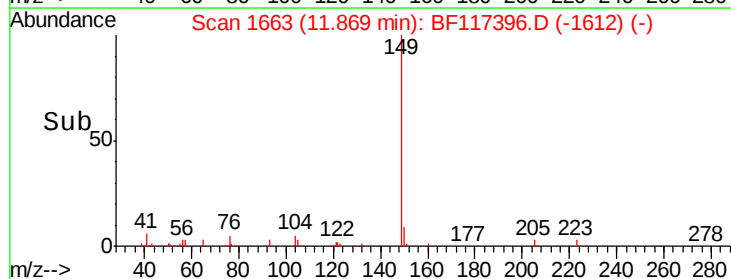
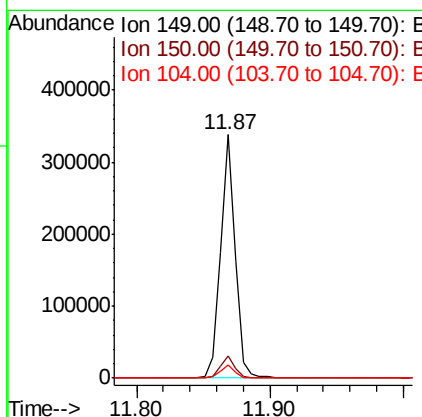
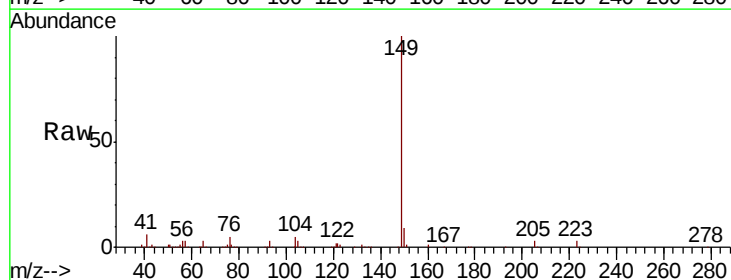
Instrument :
 BNA_F
 ClientSampleId :

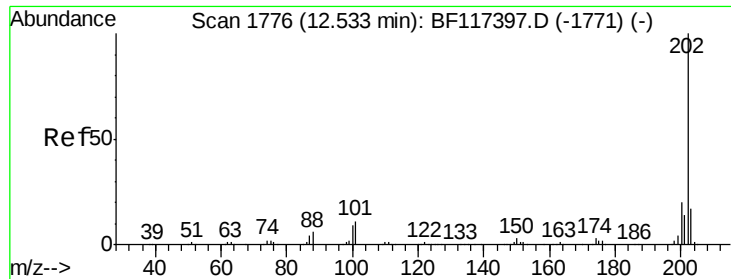
Tot Ion:167 Resp: 199040
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 23.680 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion:149 Resp: 263293
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 5.2 4.2 6.2

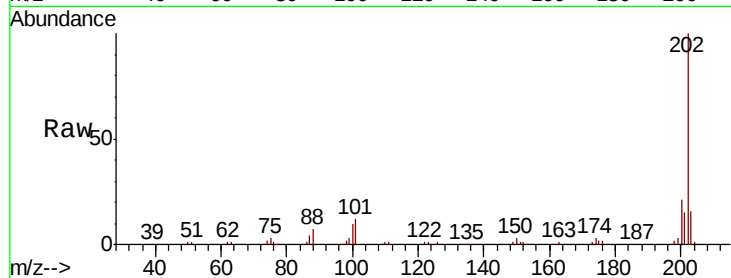




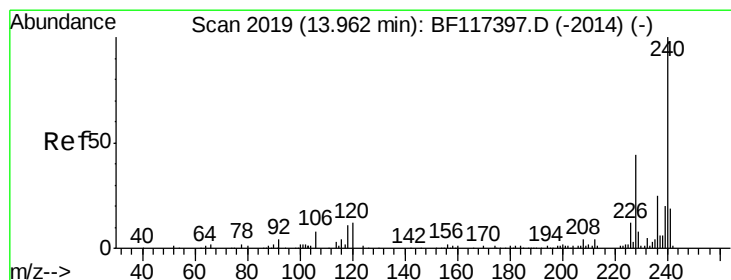
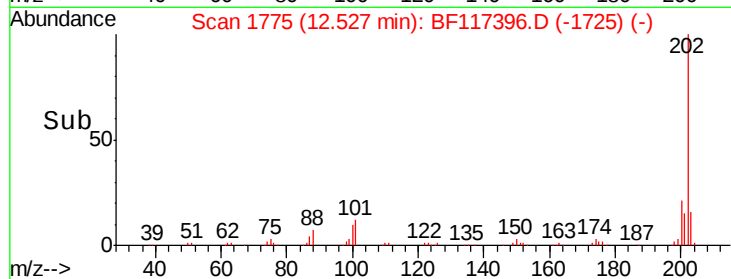
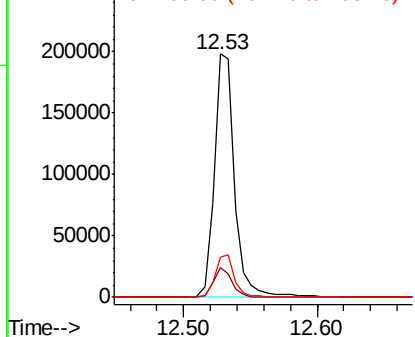
#75
 Fluoranthene
 Concen: 21.377 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.3
203	16.5	0.0	36.9

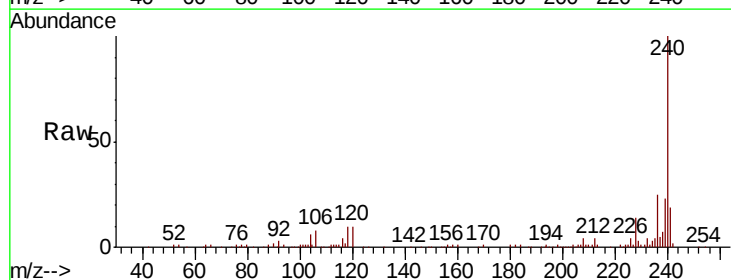


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

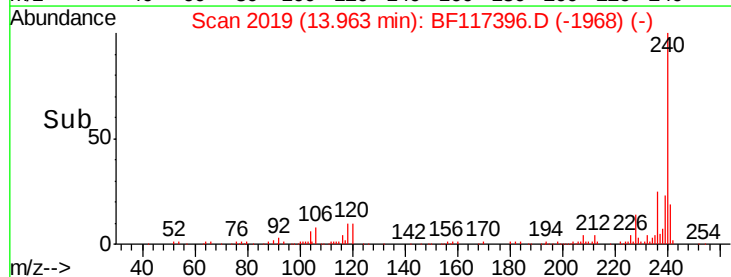
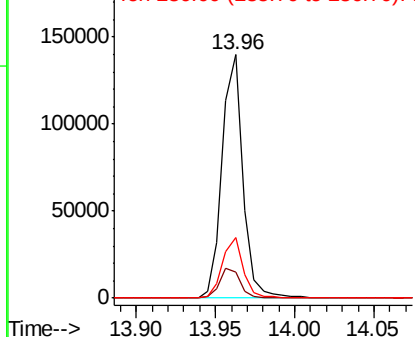


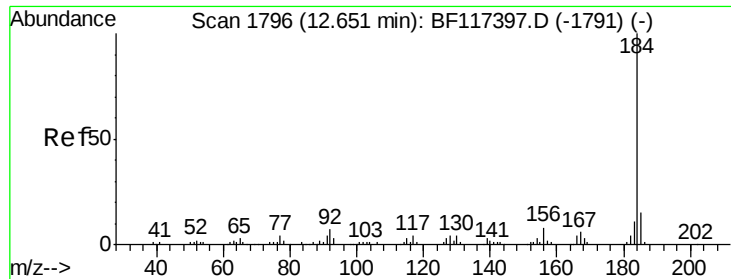
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117396.D
 Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.4	14.0
236	24.7	19.8	29.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.897 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

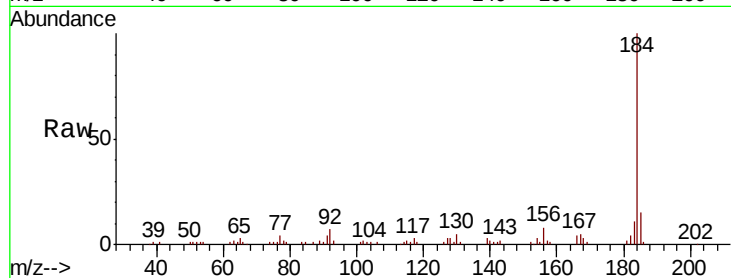
Tot Ion:184 Resp: 93981

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

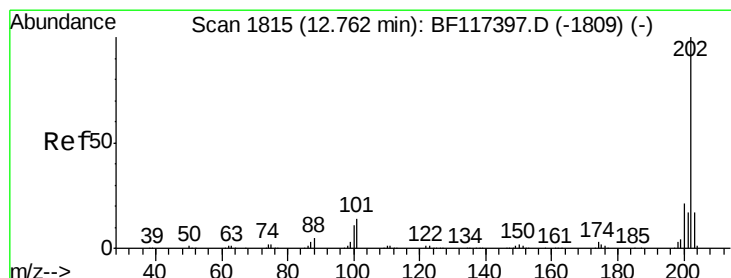
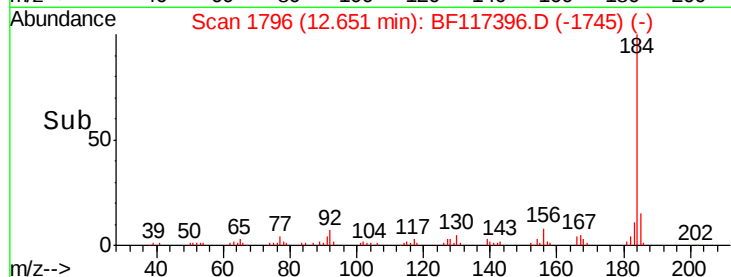
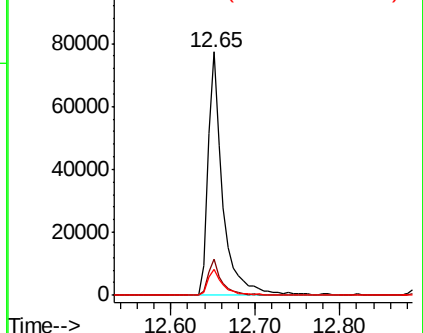
183 10.7 8.9 13.3



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: 20.361 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

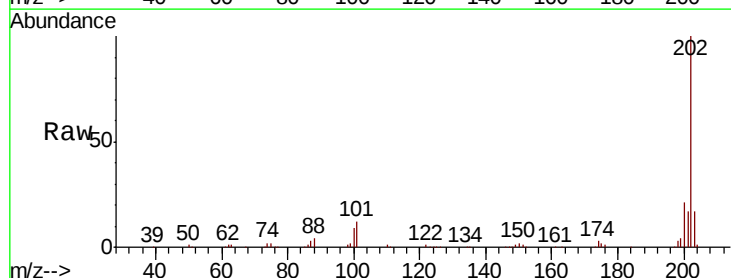
Tgt Ion:202 Resp: 217683

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

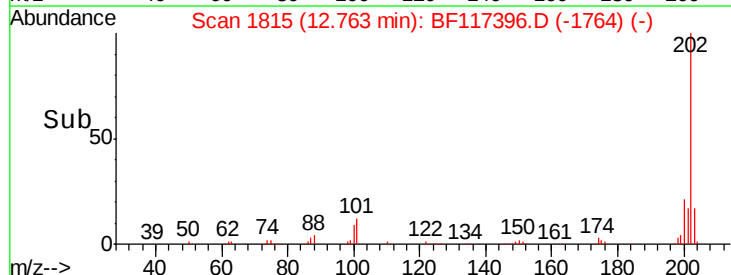
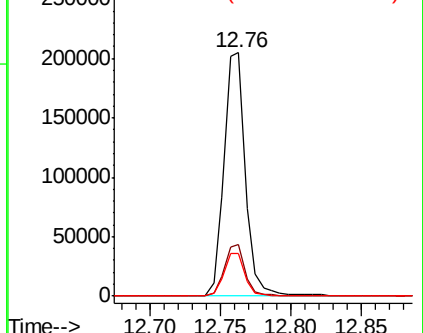
203 17.3 14.0 21.0

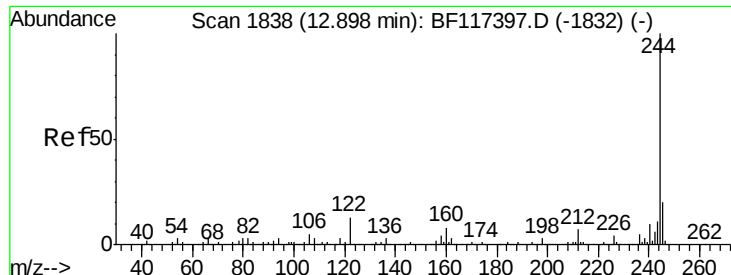


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.224 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

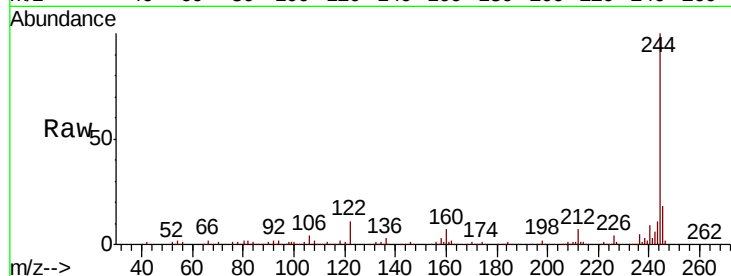
Tot Ion:244 Resp: 308271

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

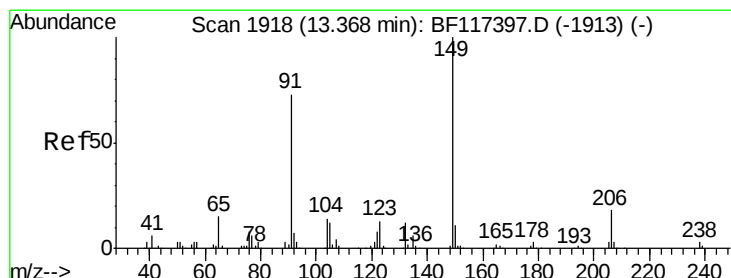
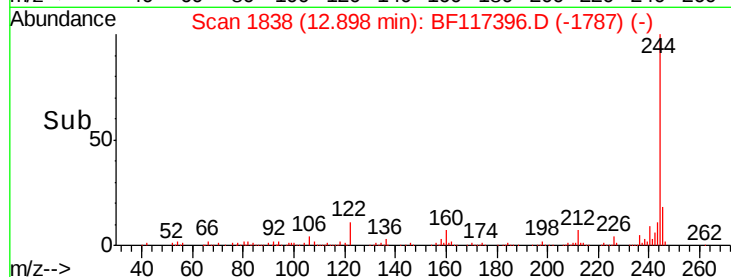
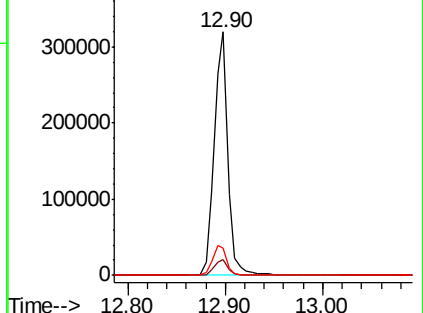
122 11.1 10.7 16.1



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: 21.135 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

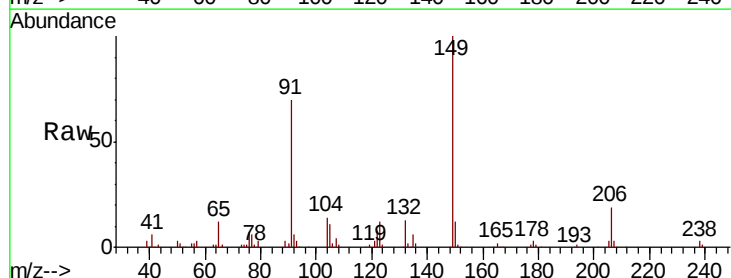
Tgt Ion:149 Resp: 106768

Ion Ratio Lower Upper

149 100

91 70.0 58.5 87.7

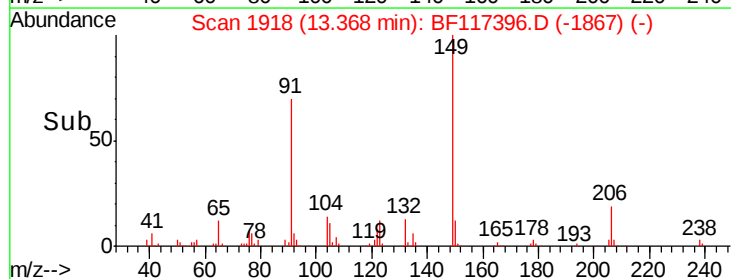
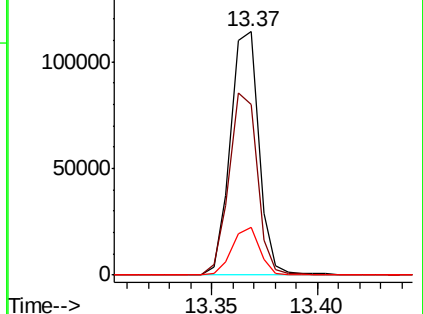
206 19.5 14.4 21.6

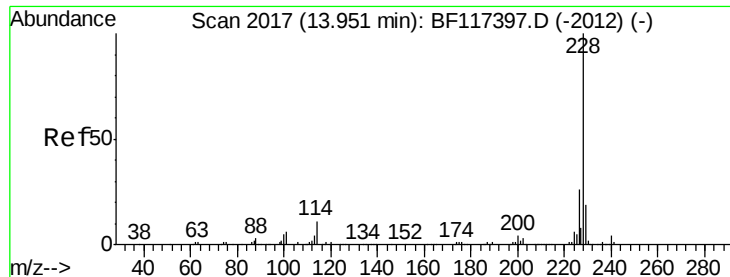


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 20.776 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

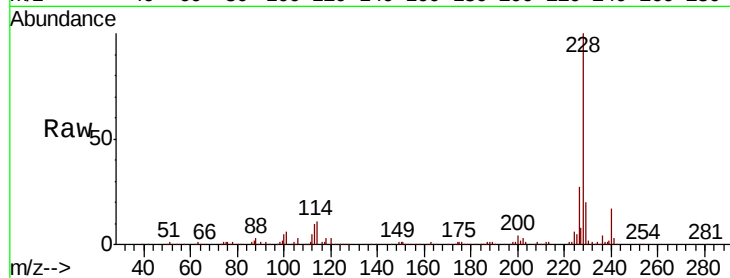
Tot Ion:228 Resp: 176861

Ion Ratio Lower Upper

228 100

226 26.6 20.9 31.3

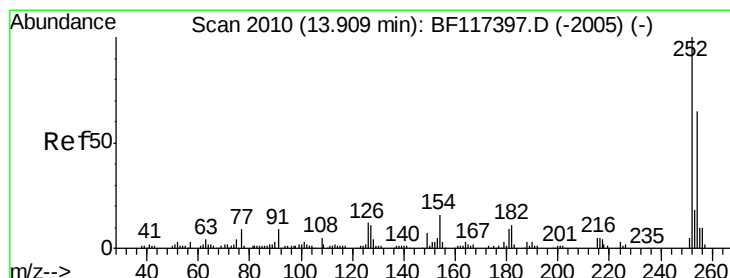
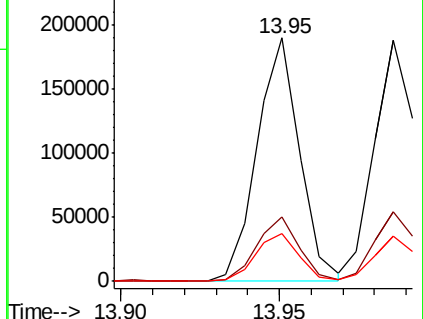
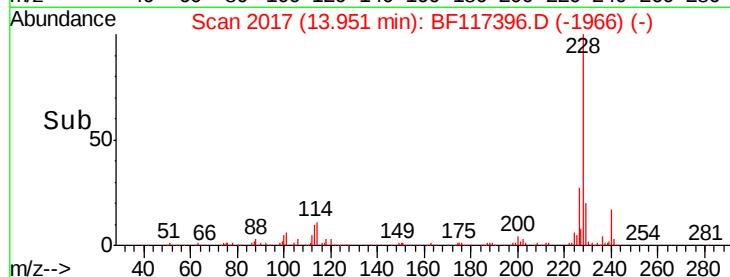
229 19.9 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.005 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

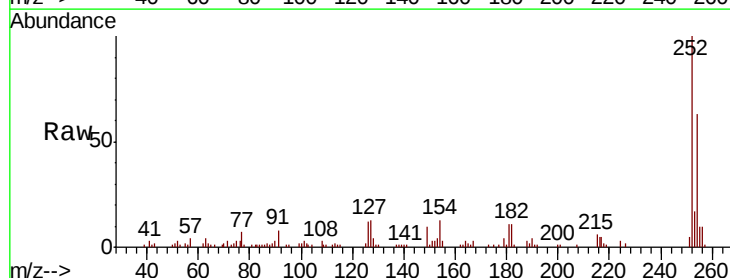
Tgt Ion:252 Resp: 60365

Ion Ratio Lower Upper

252 100

254 63.2 51.6 77.4

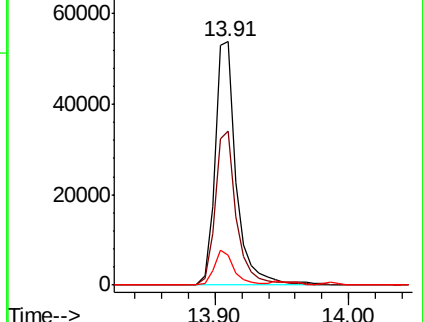
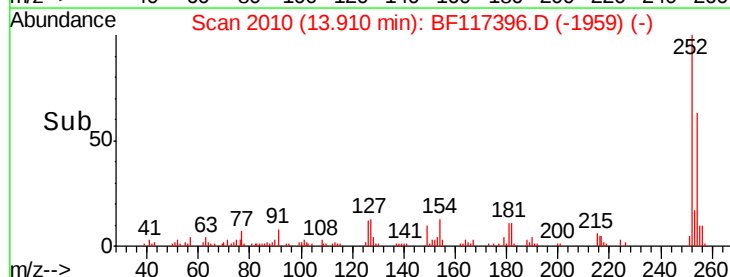
126 12.4 9.6 14.4

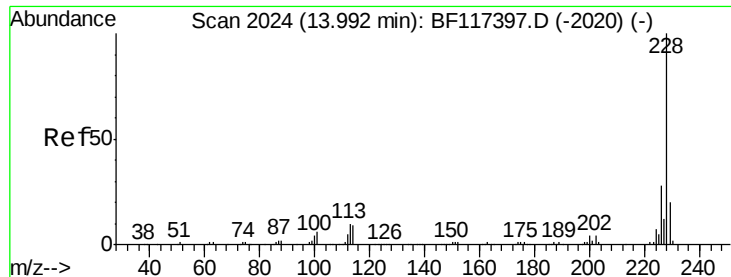


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 21.924 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

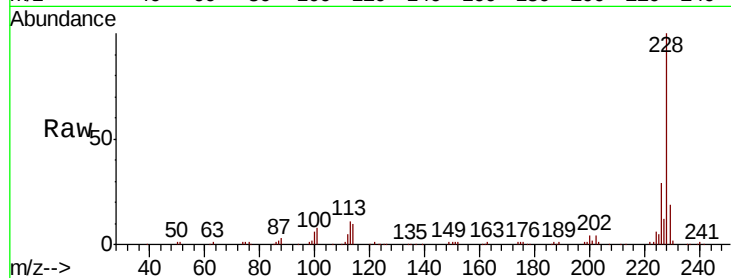
Tot Ion:228 Resp: 182029

Ion Ratio Lower Upper

228 100

226 28.9 22.8 34.2

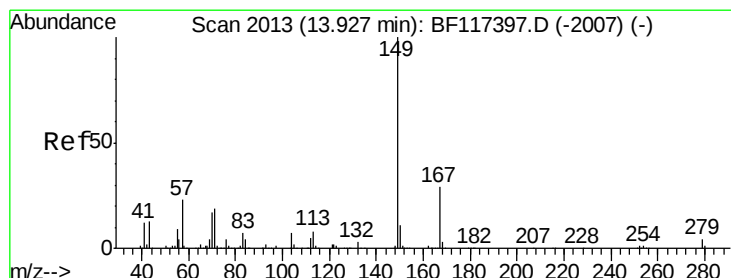
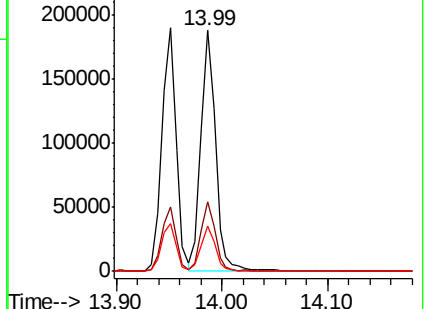
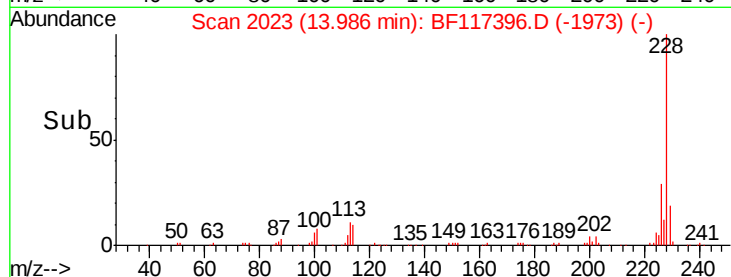
229 18.9 15.7 23.5



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: 23.669 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

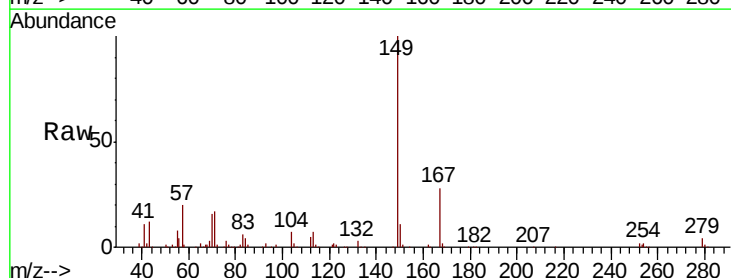
Tgt Ion:149 Resp: 154167

Ion Ratio Lower Upper

149 100

167 27.7 23.0 34.6

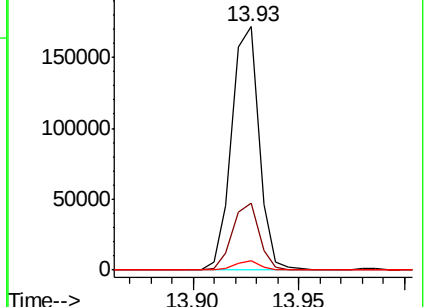
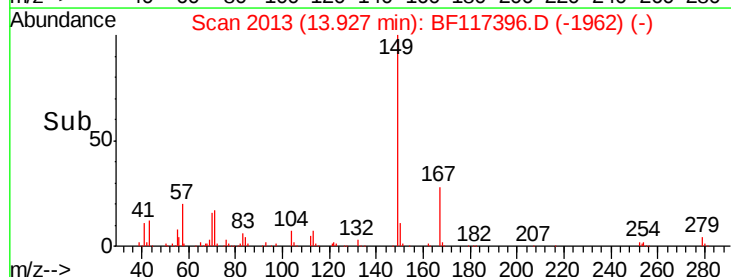
279 4.1 3.0 4.6

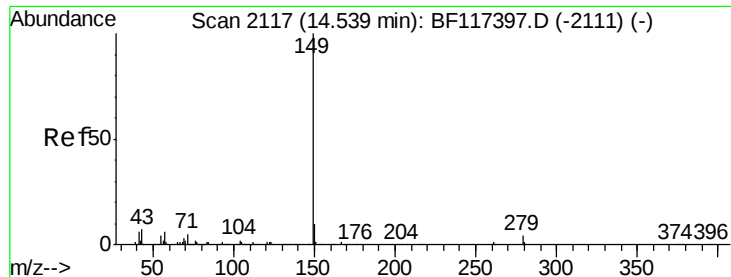


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 24.121 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

Instrument :

BNA_F

ClientSampleId :

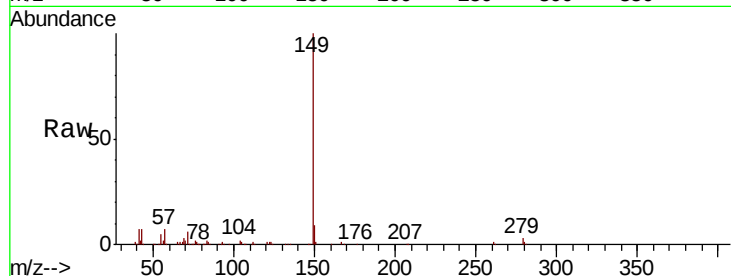
Tot Ion:149 Resp: 247286

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

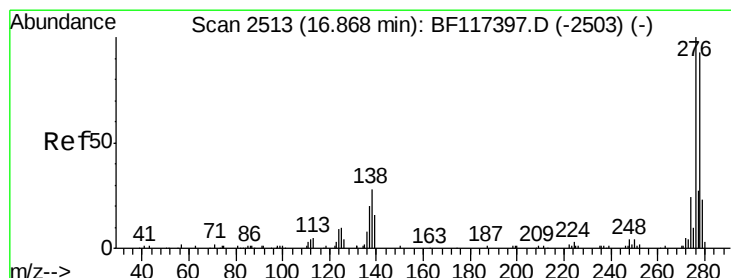
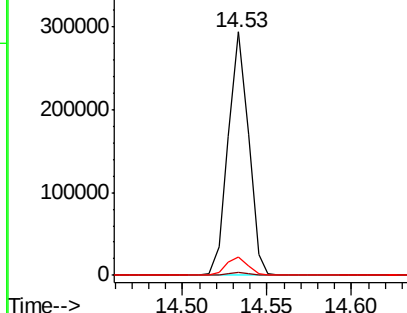
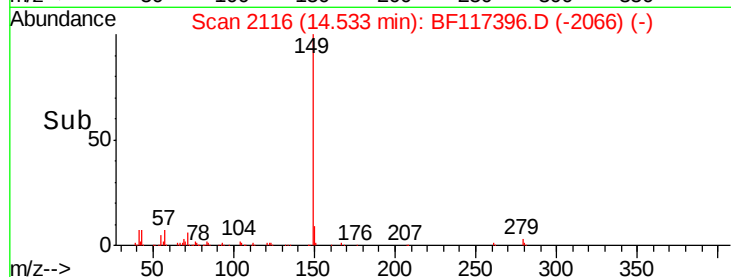
43 8.1 6.6 9.8



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: 18.912 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF117396.D

Acq: 14 Oct 2019 12:36

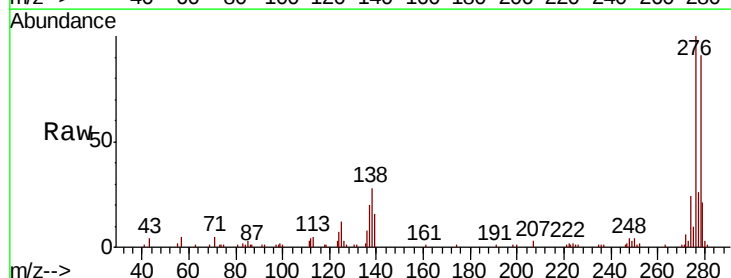
Tgt Ion:276 Resp: 114558

Ion Ratio Lower Upper

276 100

138 27.5 21.5 32.3

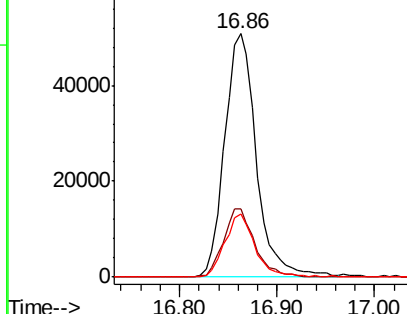
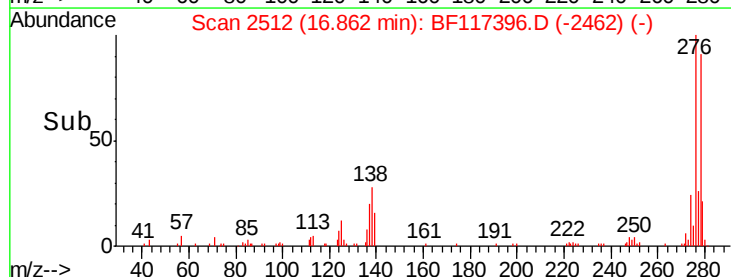
277 24.4 20.1 30.1

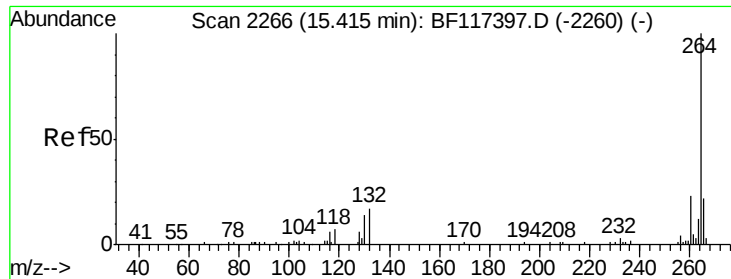


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



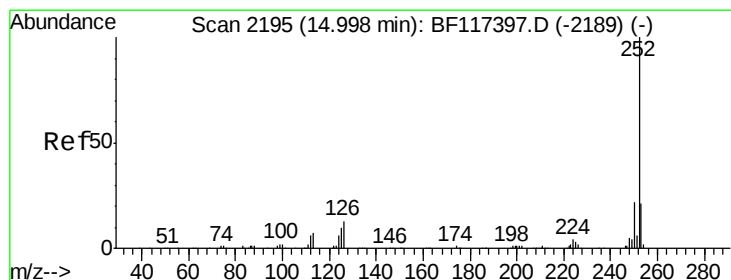
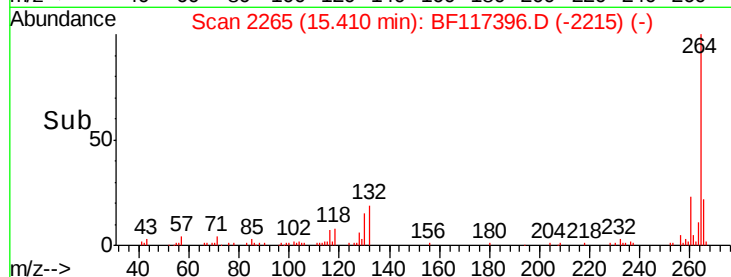
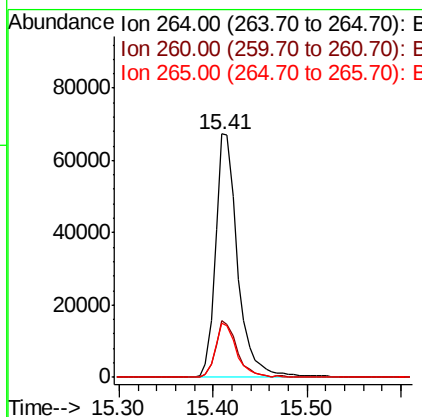
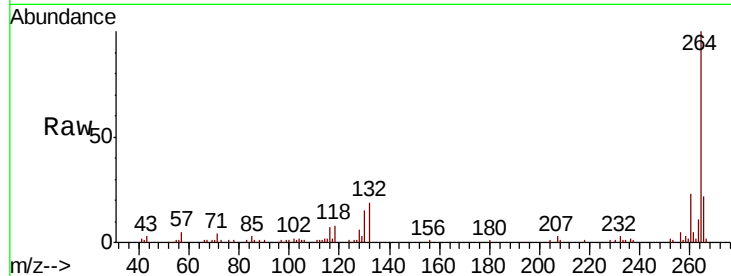


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 111218

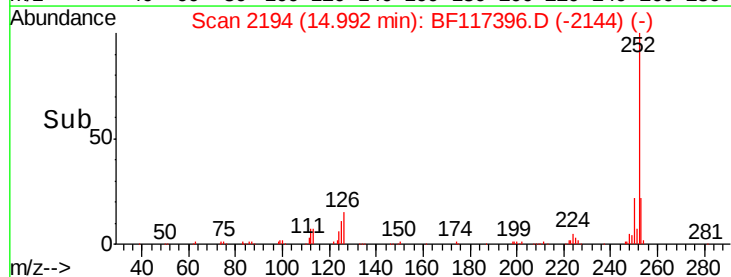
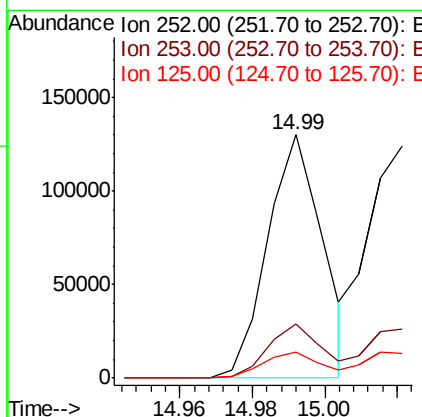
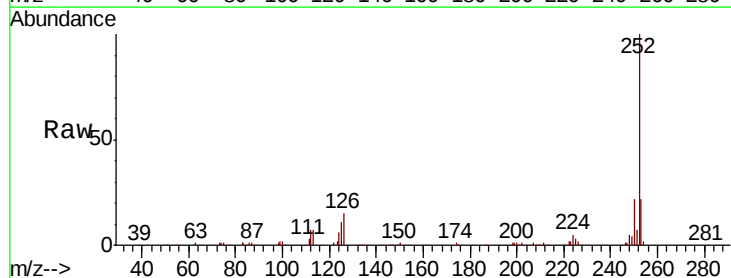
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.3	17.4	26.0

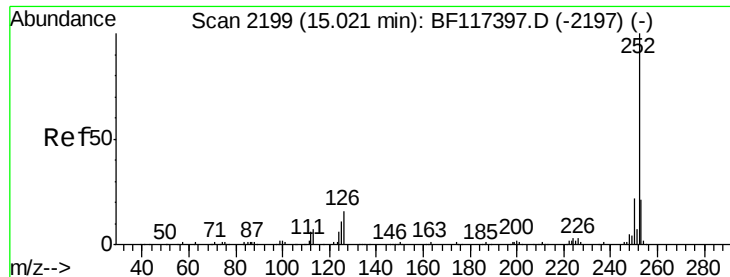


#88
Benzo(b)fluoranthene
Concen: 20.325 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:252 Resp: 136927

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.7	8.2	12.2

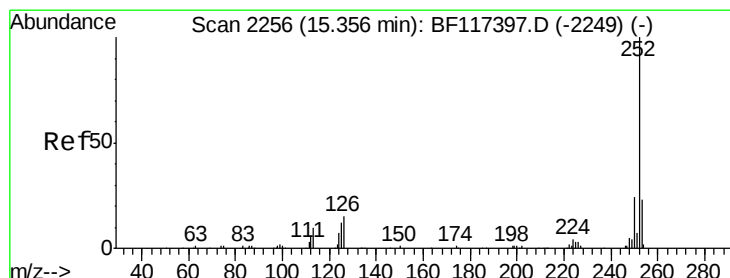
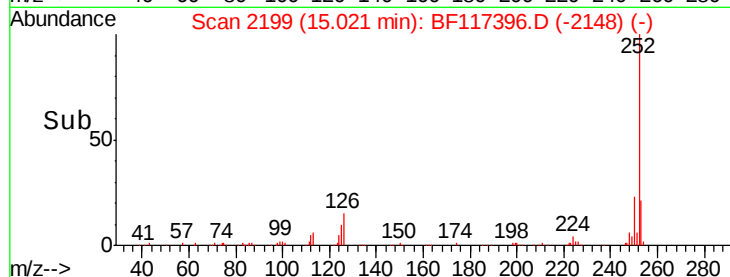
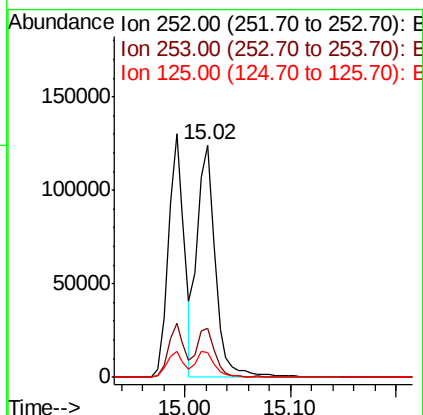
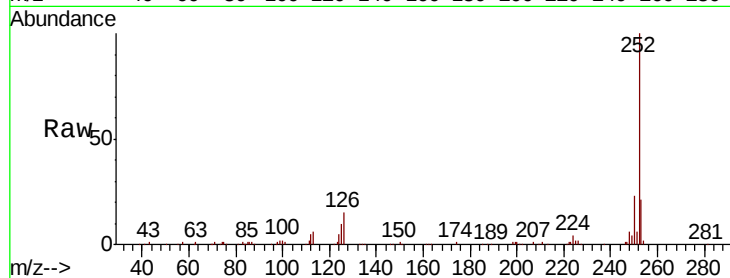




#89
Benzo(k)fluoranthene
Concen: 23.218 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

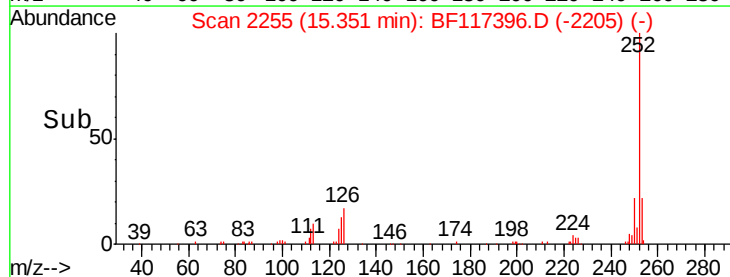
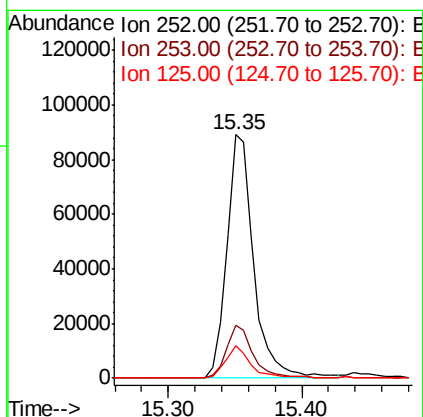
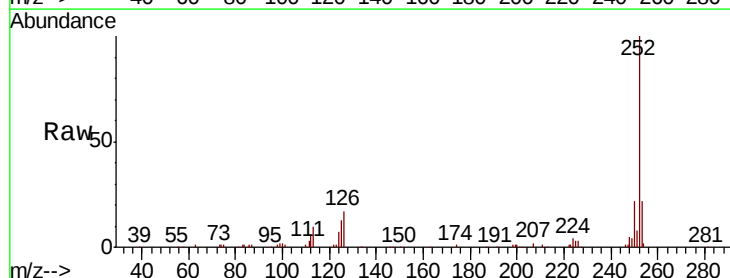
Instrument :
BNA_F
ClientSampleId :

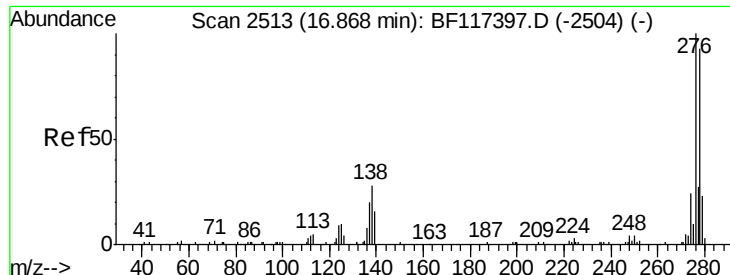
Tot Ion:252 Resp: 148170
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 10.5 9.4 14.2



#90
Benzo(a)pyrene
Concen: 21.310 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion:252 Resp: 125978
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 13.2 9.4 14.0

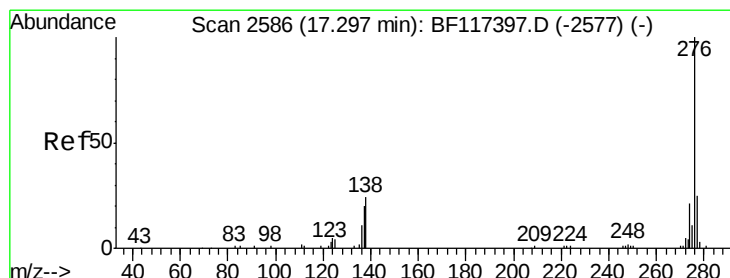
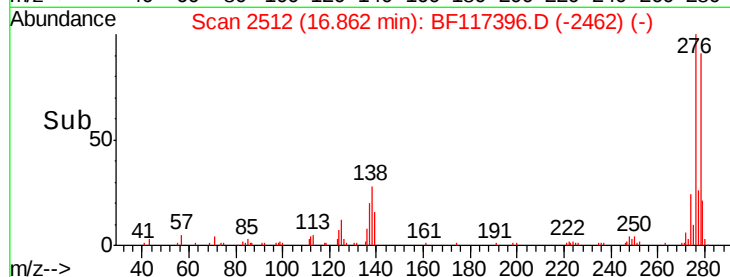
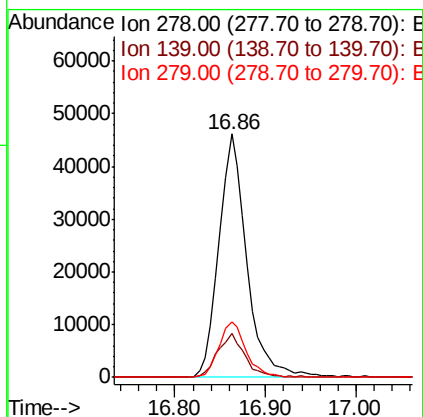
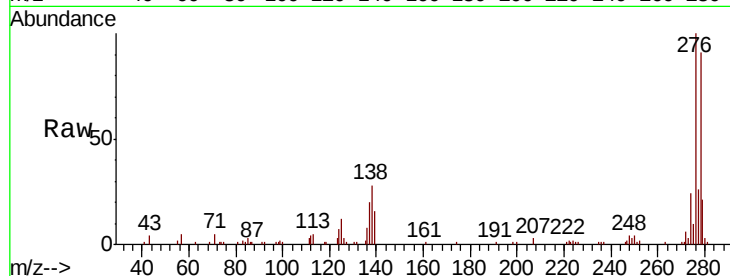




#91
Dibenzo(a,h)anthracene
Concen: 20.926 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.1	21.1
279	23.0	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 18.859 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117396.D
Acq: 14 Oct 2019 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.9	29.9
138	22.1	19.3	28.9

