

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117403.D
 Acq On : 14 Oct 2019 17:26
 Operator : JU
 Sample : PB123882BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 02:06:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	51351	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	218896	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	114060	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	185456	20.00	ng	0.00
76) Chrysene-d12	13.96	240	128739	20.00	ng	0.00
87) Perylene-d12	15.42	264	90408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	390897	117.12	ng	0.01
7) Phenol-d6	6.44	99	516678	116.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	268956	62.28	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	110258	118.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	487359	62.29	ng	0.00
79) Terphenyl-d14	12.90	244	457199	57.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	56383	41.038	ng	99
3) Pyridine	3.38	79	131336	37.562	ng	97
4) n-Nitrosodimethylamine	3.32	42	53394	43.334	ng	# 83
6) Aniline	6.46	93	147863	26.730	ng	# 82
8) 2-Chlorophenol	6.58	128	157048	42.325	ng	93
9) Benzaldehyde	6.35	77	81614	36.429	ng	99
10) Phenol	6.45	94	198328	41.486	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	147773	40.657	ng	97
12) 1,3-Dichlorobenzene	6.73	146	162449	39.149	ng	98
13) 1,4-Dichlorobenzene	6.80	146	167054	39.494	ng	99
14) 1,2-Dichlorobenzene	6.96	146	156844	39.258	ng	98
15) Benzyl Alcohol	6.95	79	140973	41.611	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	145494	38.122	ng	74
17) 2-Methylphenol	7.06	107	134444	43.403	ng	94
18) Hexachloroethane	7.30	117	62074	37.745	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	118700	42.041	ng	96
20) 3+4-Methylphenols	7.21	107	175809	44.079	ng	# 87
22) Acetophenone	7.20	105	231016	40.219	ng	98
24) Nitrobenzene	7.37	77	176297	40.756	ng	98
25) Isophorone	7.62	82	319874	41.583	ng	98
26) 2-Nitrophenol	7.69	139	83902	43.717	ng	95
27) 2,4-Dimethylphenol	7.73	122	136926	46.943	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	190418	39.930	ng	100
29) 2,4-Dichlorophenol	7.94	162	129788	43.123	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	128296	39.542	ng	99
31) Naphthalene	8.09	128	453109	41.449	ng	99
32) Benzoic acid	7.90	122	81522	42.246	ng	90
33) 4-Chloroaniline	8.15	127	123528	26.608	ng	99
34) Hexachlorobutadiene	8.21	225	68566	36.898	ng	98
35) Caprolactam	8.53	113	20882	22.156	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	148403	43.333	ng	97
37) 2-Methylnaphthalene	8.79	142	315744	42.773	ng	98
38) 1-Methylnaphthalene	8.89	142	298321	42.893	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	118331	38.548	ng	98

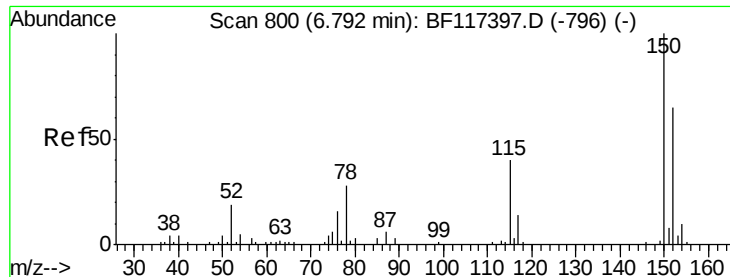
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
 Data File : BF117403.D
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 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	54410	94.918	ng	92
43) 2,4,6-Trichlorophenol	9.07	196	80629	41.504	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	89451	45.141	ng	94
46) 1,1'-Biphenyl	9.25	154	367939	39.487	ng	97
47) 2-Chloronaphthalene	9.27	162	289542	39.861	ng	99
48) 2-Nitroaniline	9.38	65	93047	40.148	ng	98
49) Acenaphthylene	9.69	152	443894	41.686	ng	98
50) Dimethylphthalate	9.55	163	328793	40.138	ng	99
51) 2,6-Dinitrotoluene	9.62	165	71621	41.597	ng	99
52) Acenaphthene	9.86	154	261132	40.357	ng	99
53) 3-Nitroaniline	9.79	138	53108	25.259	ng	93
54) 2,4-Dinitrophenol	9.92	184	60296	81.660	ng	95
55) Dibenzofuran	10.03	168	397029	42.063	ng	99
56) 4-Nitrophenol	9.97	139	78933	83.029	ng	85
57) 2,4-Dinitrotoluene	10.03	165	94851	41.750	ng	97
58) Fluorene	10.38	166	321471	40.904	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	65351	42.660	ng	98
60) Diethylphthalate	10.25	149	328084	39.734	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	142285	40.892	ng	98
62) 4-Nitroaniline	10.42	138	70446	35.247	ng	98
63) Azobenzene	10.53	77	348174	41.095	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	45237	45.933	ng	94
66) n-Nitrosodiphenylamine	10.49	169	279953	40.408	ng	97
67) 4-Bromophenyl-phenylether	10.86	248	78544	38.613	ng	96
68) Hexachlorobenzene	10.93	284	83498	38.222	ng	93
69) Atrazine	11.02	200	80435	71.599	ng	98
70) Pentachlorophenol	11.13	266	64312	98.405	ng	92
71) Phenanthrene	11.35	178	440237	40.156	ng	98
72) Anthracene	11.39	178	463221	40.930	ng	100
73) Carbazole	11.55	167	419835	40.839	ng	100
74) Di-n-butylphthalate	11.87	149	516162	37.079	ng	99
75) Fluoranthene	12.53	202	440221	40.383	ng	99
77) Benzidine	12.65	184	118159	37.110	ng	99
78) Pyrene	12.76	202	446799	39.263	ng	98
80) Butylbenzylphthalate	13.37	149	204759	35.783	ng	98
81) Benzo(a)anthracene	13.95	228	351420	39.784	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	96993	34.729	ng	99
83) Chrysene	13.99	228	341027	39.149	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	283817	35.177	ng	99
85) Di-n-octyl phthalate	14.54	149	472577	38.473	ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	226938	37.258	ng	99
88) Benzo(b)fluoranthene	15.00	252	281917	50.089	ng	100
89) Benzo(k)fluoranthene	15.03	252	286594	51.238	ng	99
90) Benzo(a)pyrene	15.36	252	245645	49.287	ng	97
91) Dibenzo(a,h)anthracene	16.87	278	196974	46.122	ng	97
92) Benzo(g,h,i)perylene	17.30	276	185272	45.575	ng	98

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

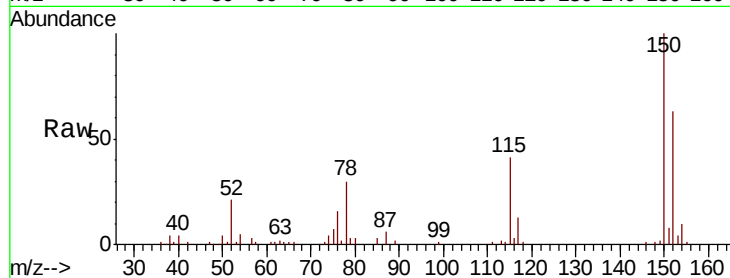


#1

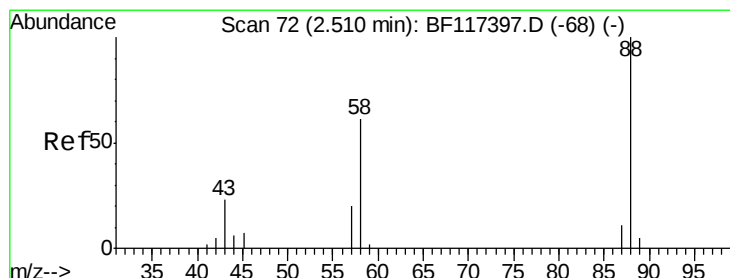
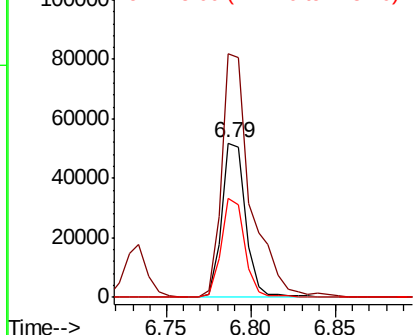
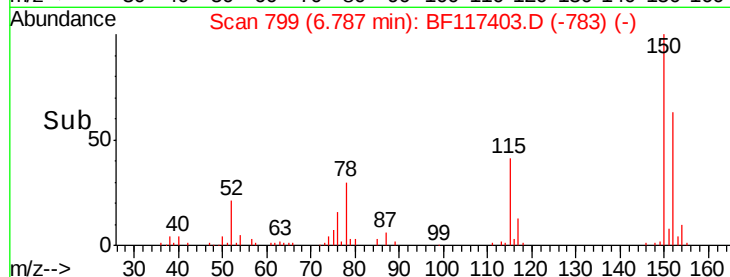
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 51351
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 64.4 48.6 73.0



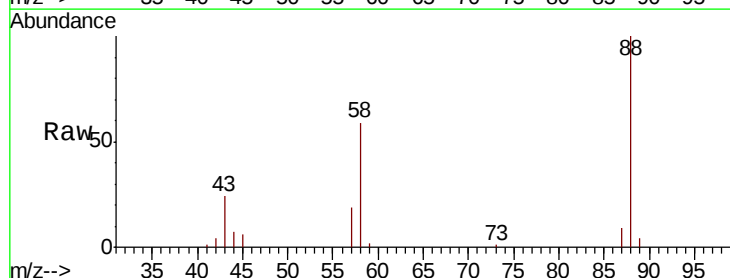
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



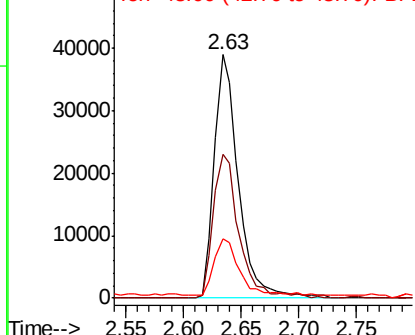
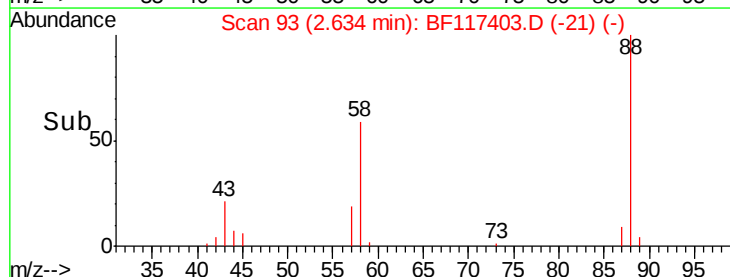
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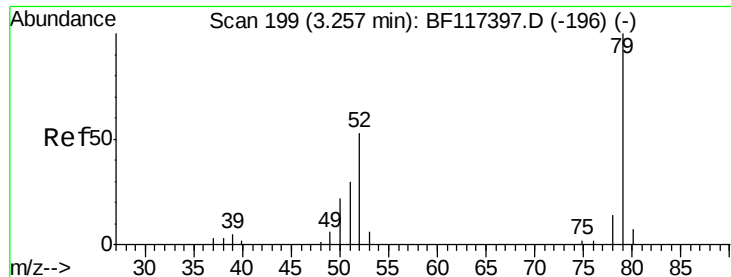
1,4-Dioxane
Concen: 41.038 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.12 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion: 88 Resp: 56383
Ion Ratio Lower Upper
88 100
58 62.8 49.4 74.2
43 23.1 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

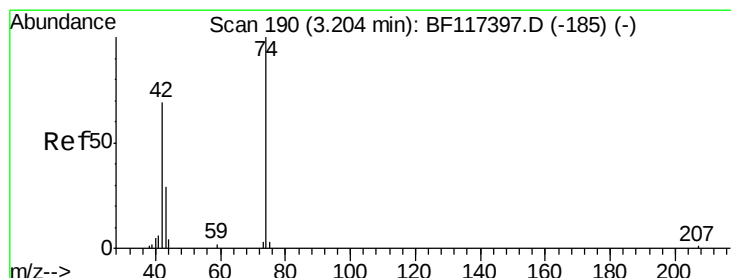
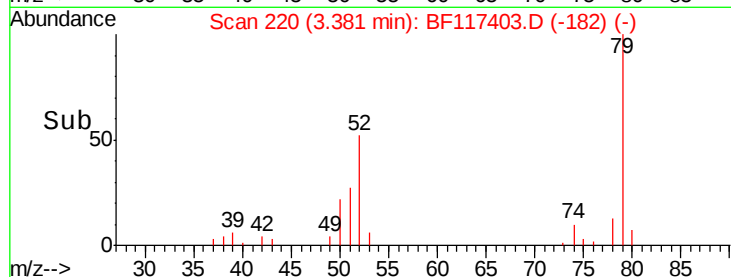
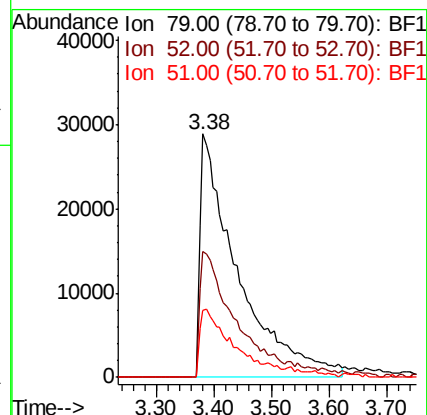
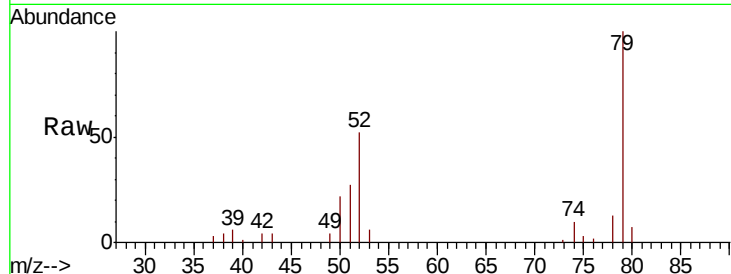




#3
 Pvridine
 Concen: 37.562 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.12 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

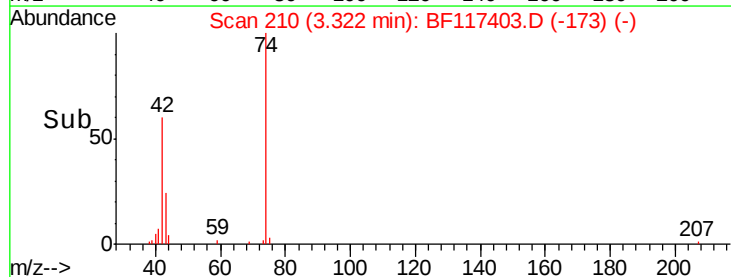
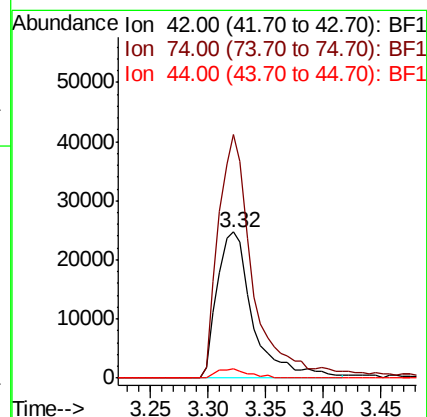
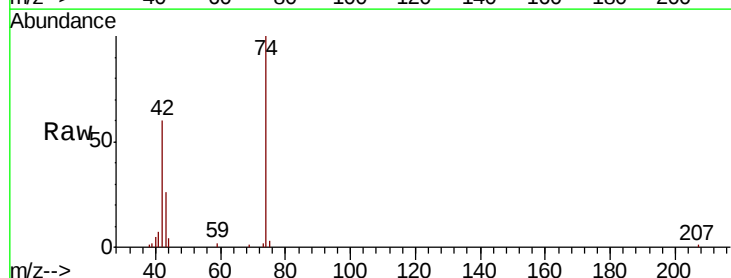
Instrument :
 BNA_F
 ClientSampleId :

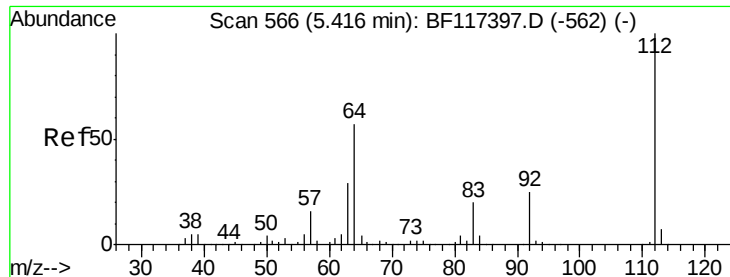
Tot Ion: 79 Resp: 131336
 Ion Ratio Lower Upper
 79 100
 52 51.8 42.7 64.1
 51 27.2 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 43.334 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.12 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion: 42 Resp: 53394
 Ion Ratio Lower Upper
 42 100
 74 166.6 116.2 174.4
 44 6.5 4.2 6.4#





#5

2-Fluorophenol

Concen: 117.124 ng

RT: 5.43 min Scan# 568

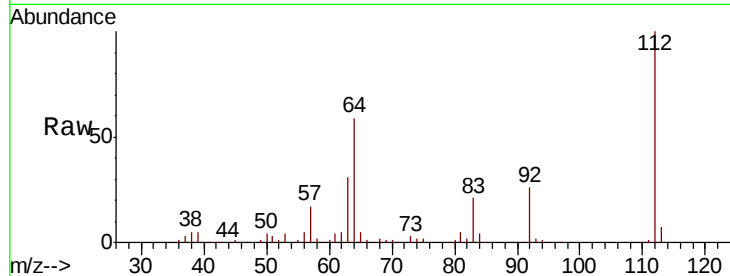
Delta R.T. 0.01 min

Lab File: BF117403.D

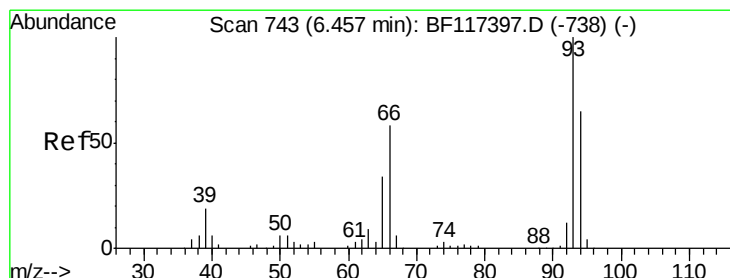
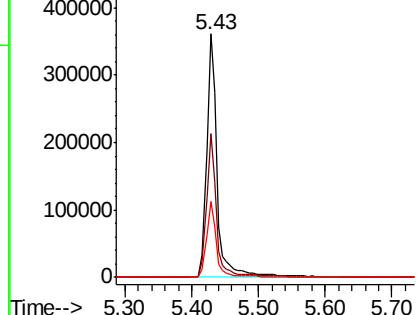
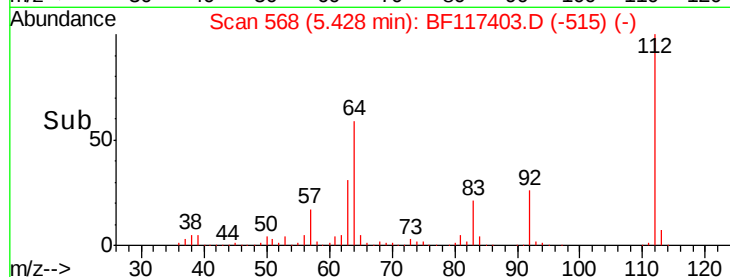
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	390897
Ion	Ratio	Lower	Upper
112	100		
64	59.3	45.2	67.8
63	31.5	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: 26.730 ng

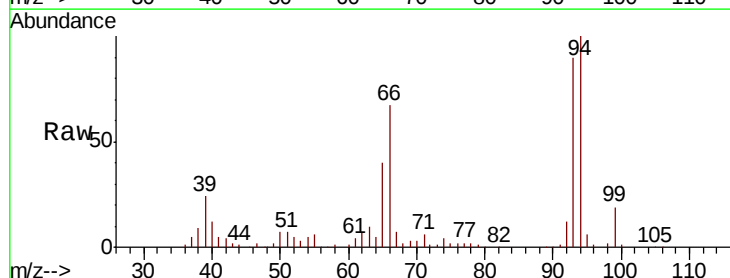
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

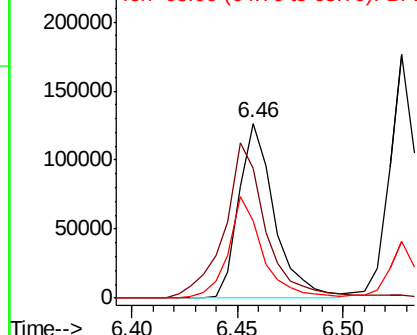
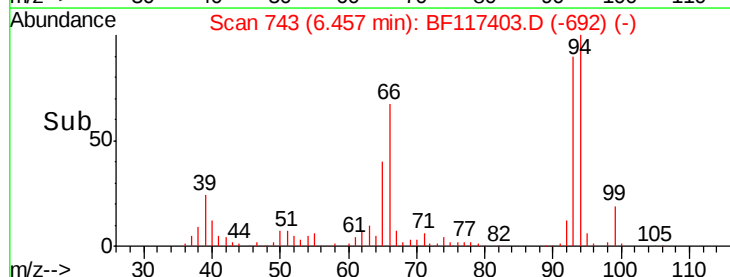
Lab File: BF117403.D

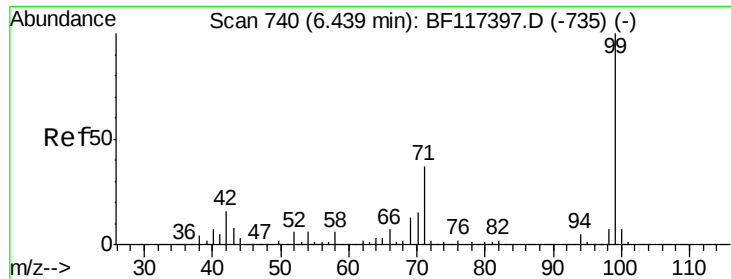
Acq: 14 Oct 2019 17:26

Tgt Ion:	93	Resp:	147863
Ion	Ratio	Lower	Upper
93	100		
66	74.2	48.4	72.6#
65	44.5	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: 116.680 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampled :

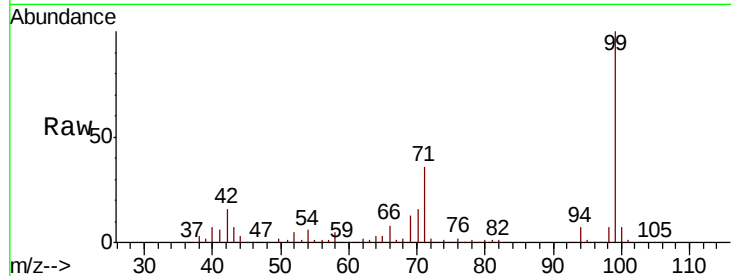
Tot Ion: 99 Resp: 516678

Ion Ratio Lower Upper

99 100

42 15.8 12.5 18.7

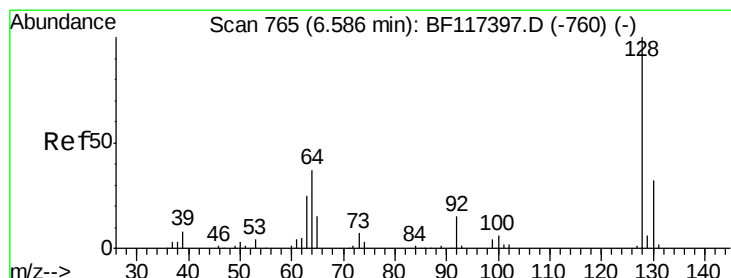
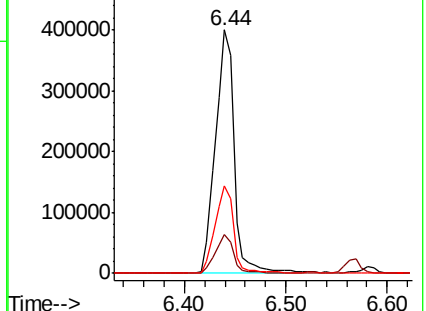
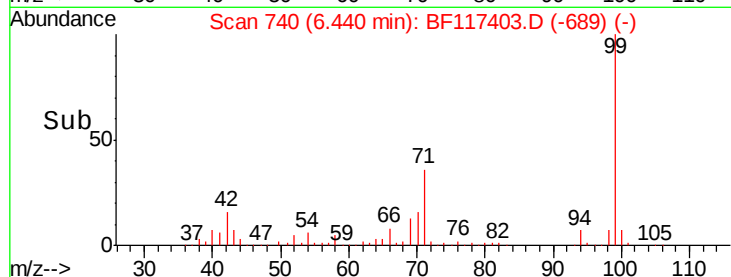
71 35.7 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.325 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

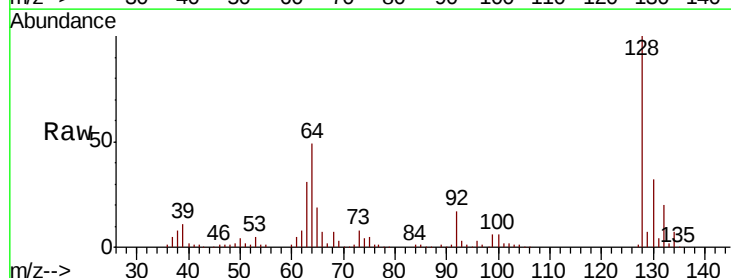
Tgt Ion:128 Resp: 157048

Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

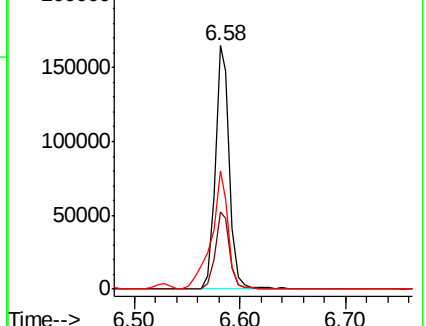
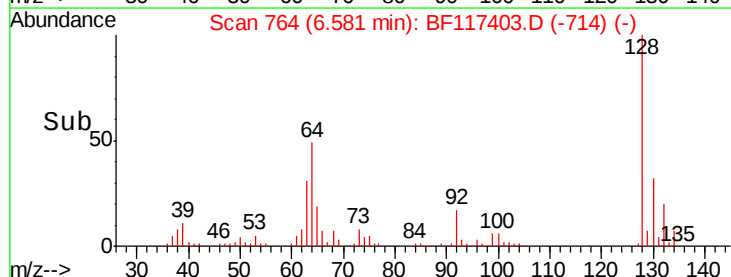
64 48.6 20.4 60.4

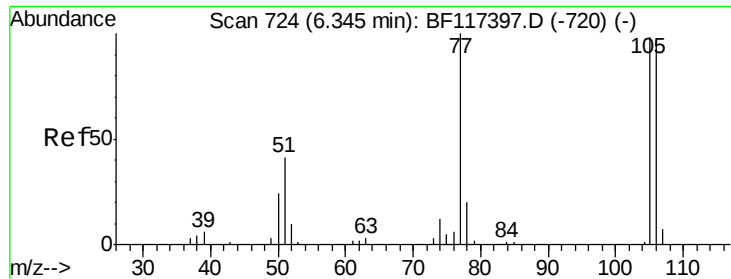


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.429 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

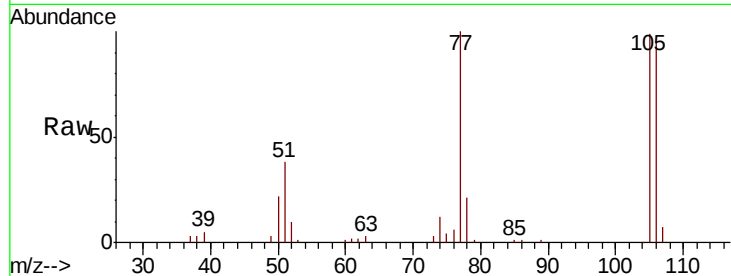
Tot Ion: 77 Resp: 81614

Ion Ratio Lower Upper

77 100

105 99.0 77.9 117.9

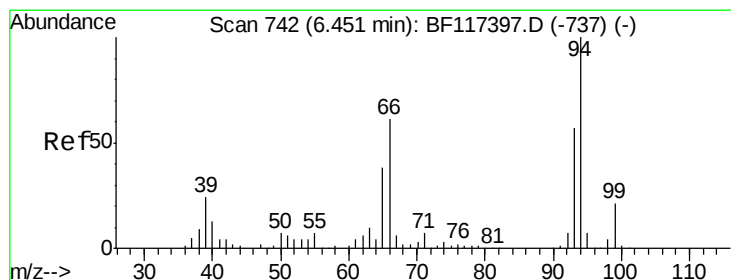
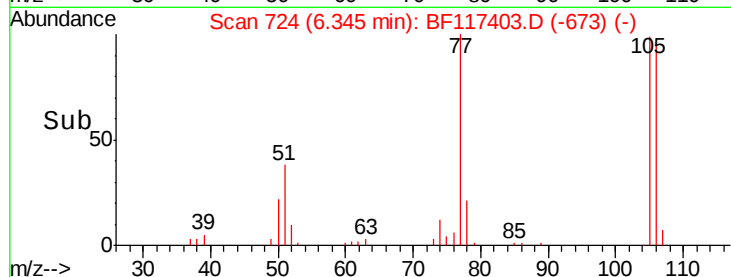
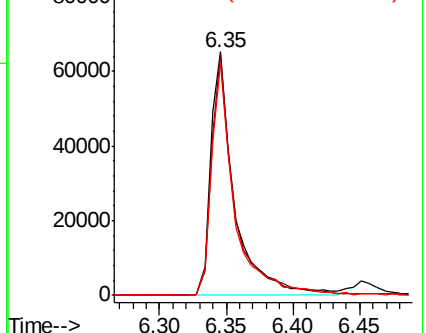
106 95.5 77.2 117.2



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: 41.486 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

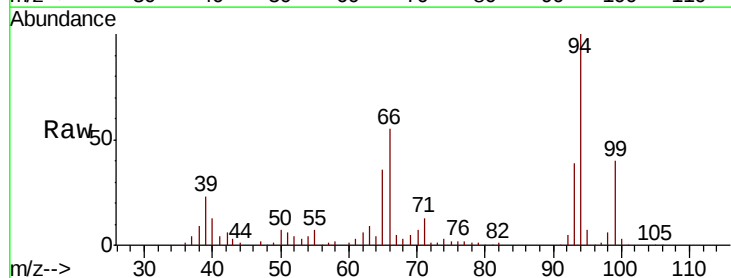
Tgt Ion: 94 Resp: 198328

Ion Ratio Lower Upper

94 100

65 35.8 18.2 58.2

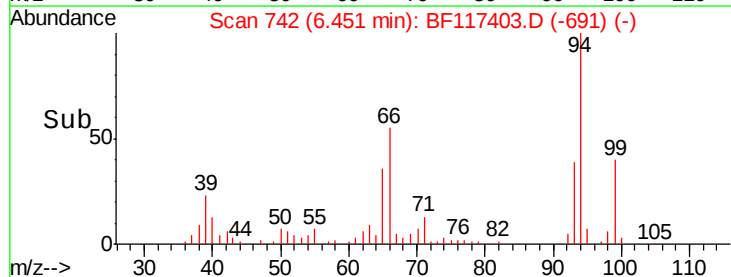
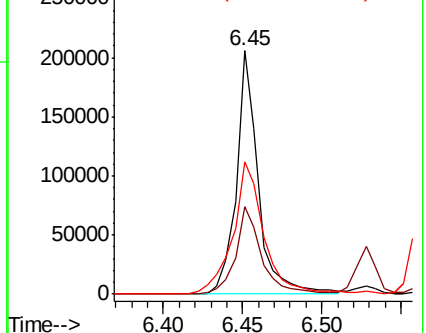
66 54.6 41.1 81.1

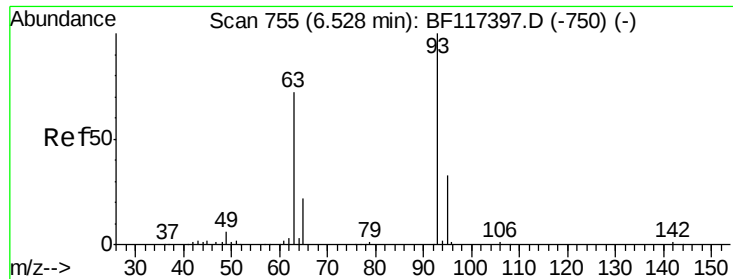


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

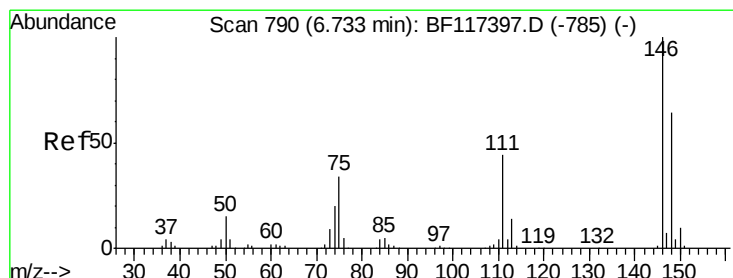
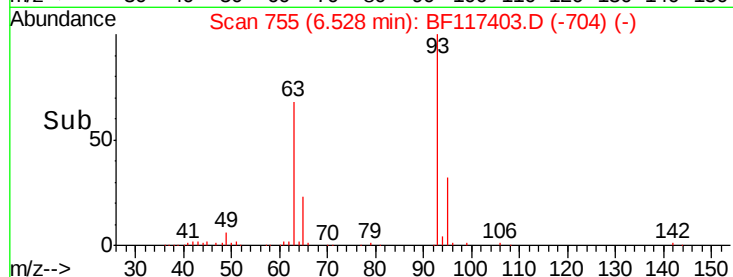
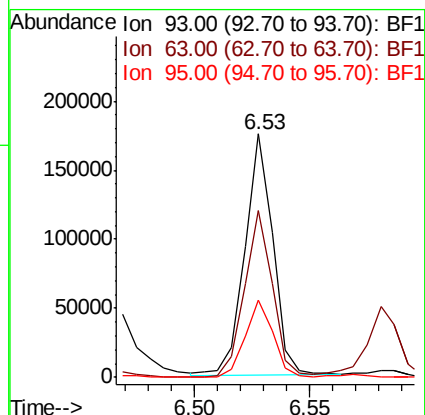
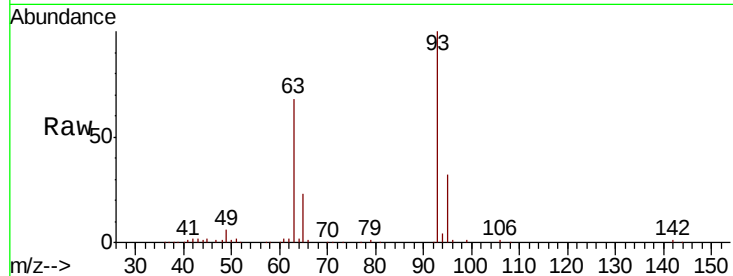




#11
bis(2-Chloroethyl)ether
Concen: 40.657 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

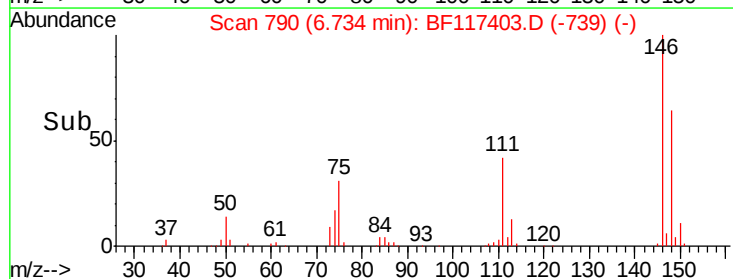
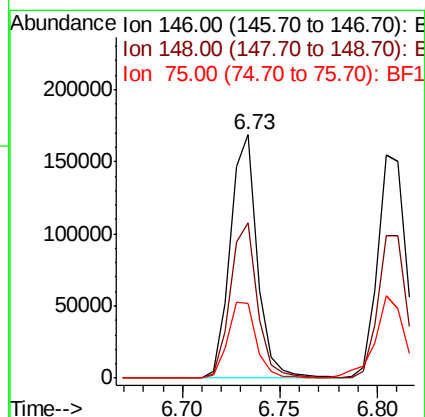
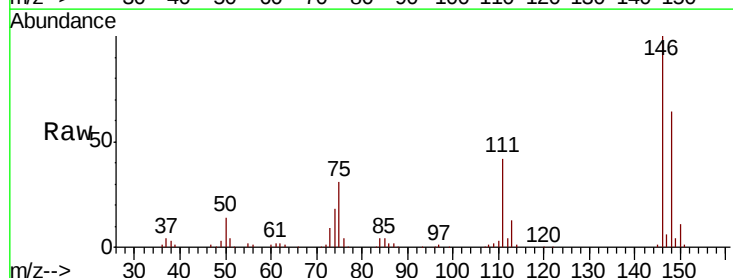
Instrument :
BNA_F
ClientSampleId :

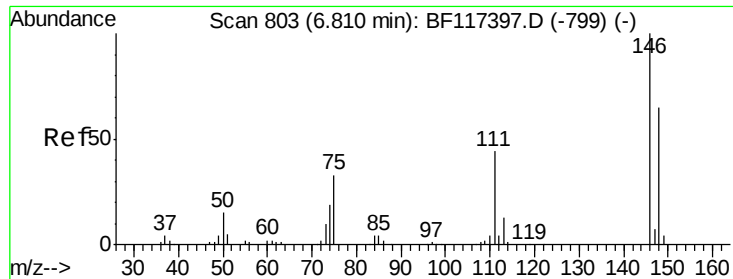
Tot Ion: 93 Resp: 147773
Ion Ratio Lower Upper
93 100
63 68.3 50.9 90.9
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.149 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion: 146 Resp: 162449
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
75 30.8 27.4 41.2

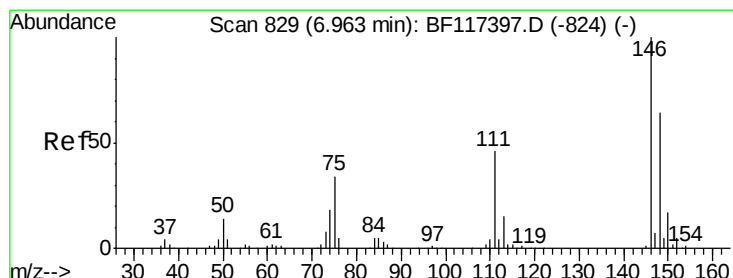
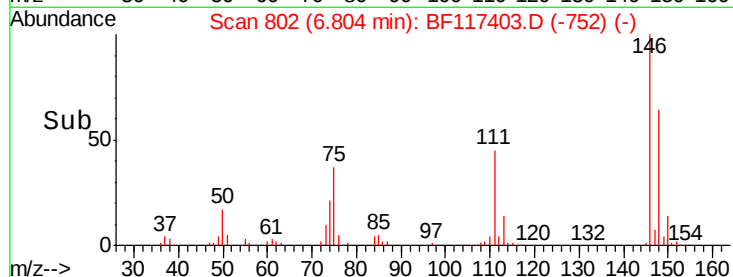
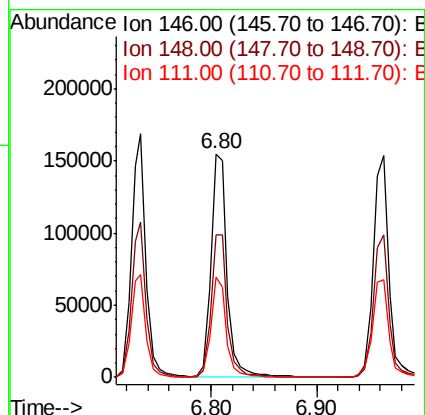
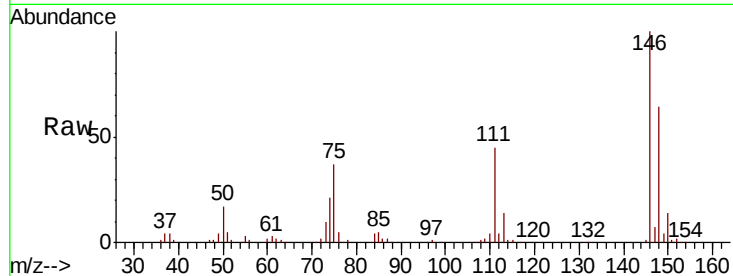




#13
 1,4-Dichlorobenzene
 Concen: 39.494 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

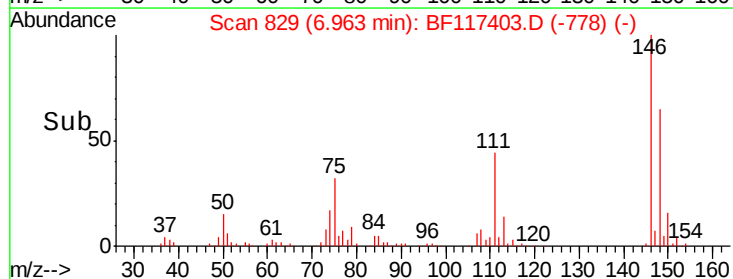
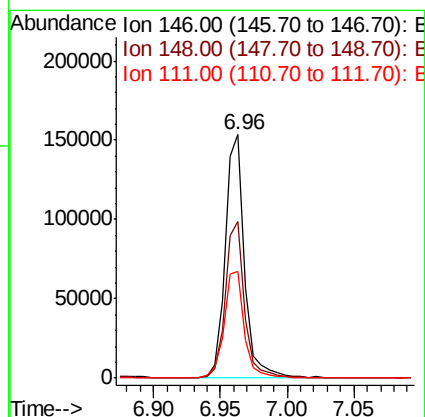
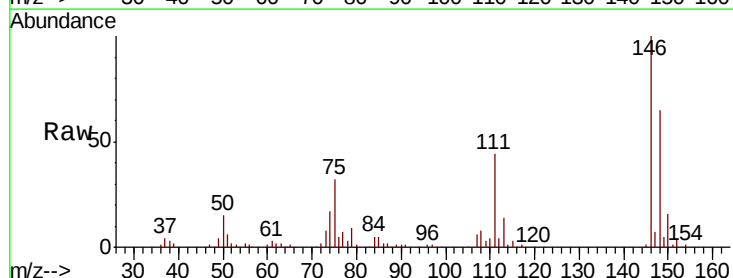
Instrument :
 BNA_F
 ClientSampleId :

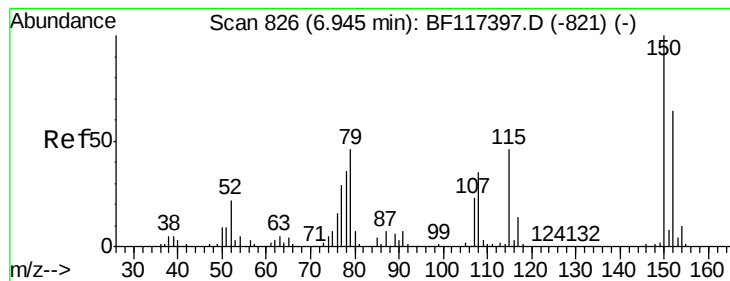
Tot Ion:146 Resp: 167054
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 44.9 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 39.258 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion:146 Resp: 156844
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 44.0 36.5 54.7





#15

Benzyl Alcohol

Concen: 41.611 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

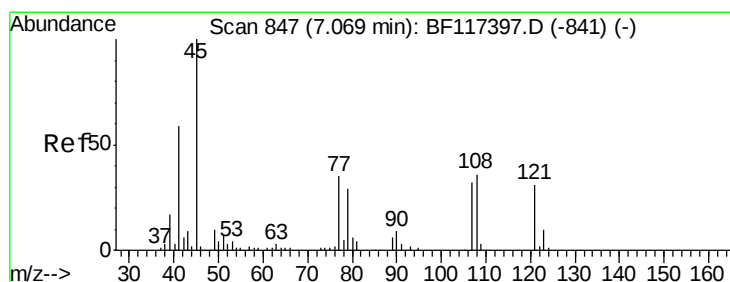
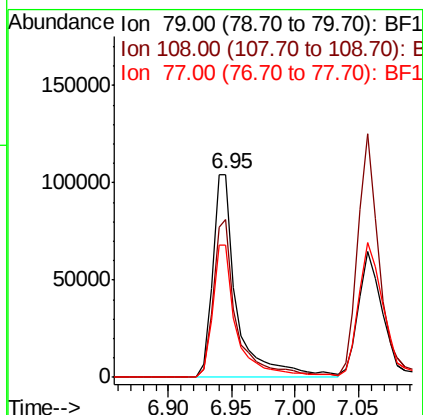
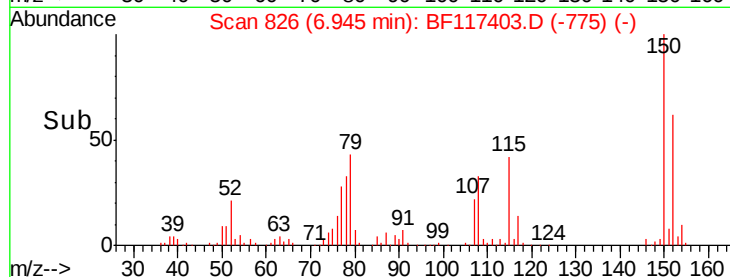
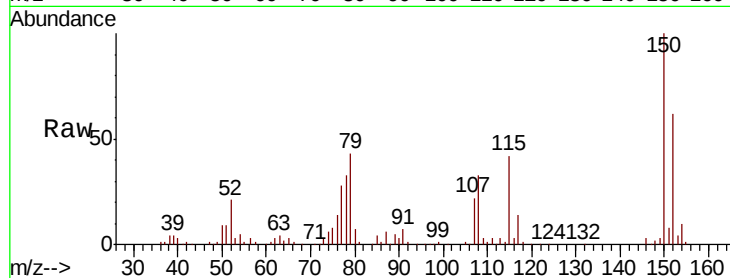
Tot Ion: 79 Resp: 140973

Ion Ratio Lower Upper

79 100

108 77.8 60.4 90.6

77 65.4 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.122 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

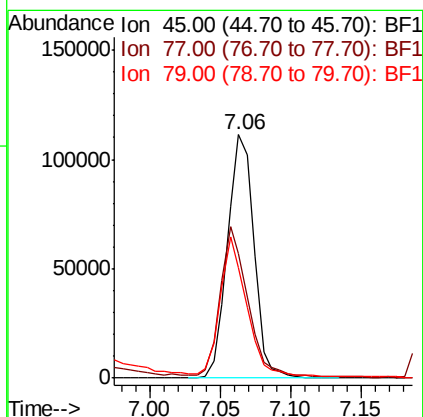
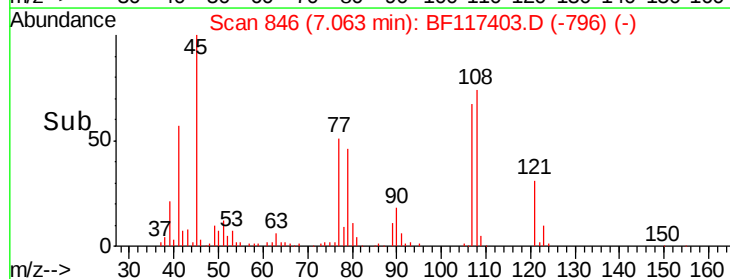
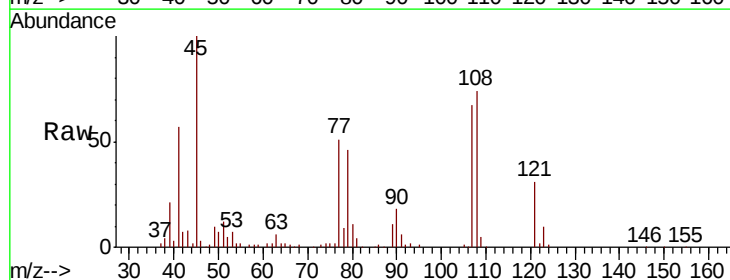
Tgt Ion: 45 Resp: 145494

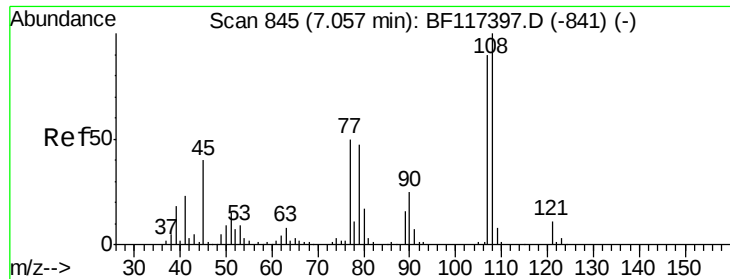
Ion Ratio Lower Upper

45 100

77 51.0 15.9 55.9

79 45.6 10.7 50.7

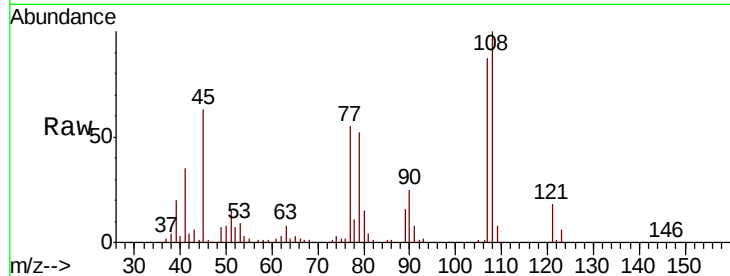




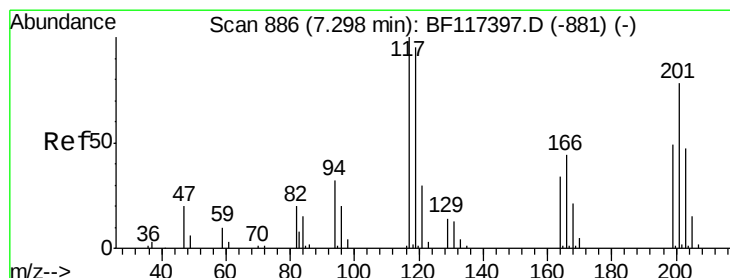
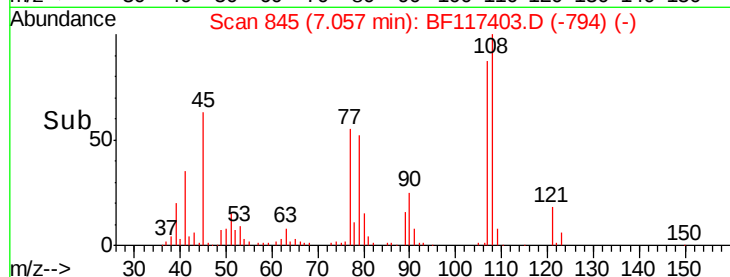
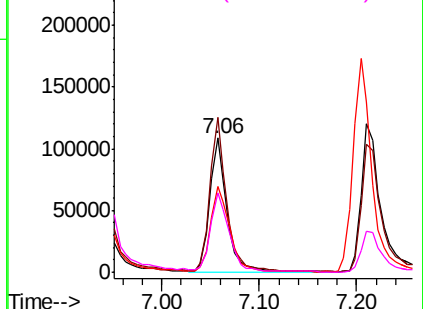
#17
2-Methylphenol
Concen: 43.403 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 134444
Ion Ratio Lower Upper
107 100
108 115.1 89.4 134.2
77 63.6 45.1 67.7
79 59.3 42.3 63.5

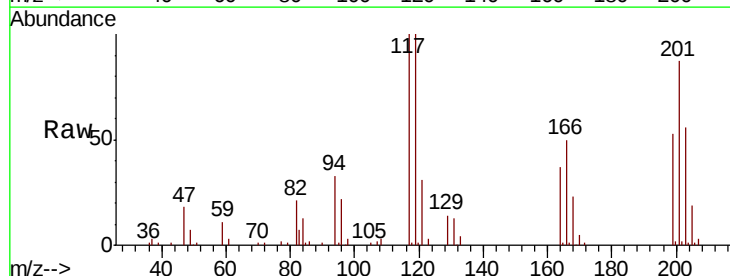


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

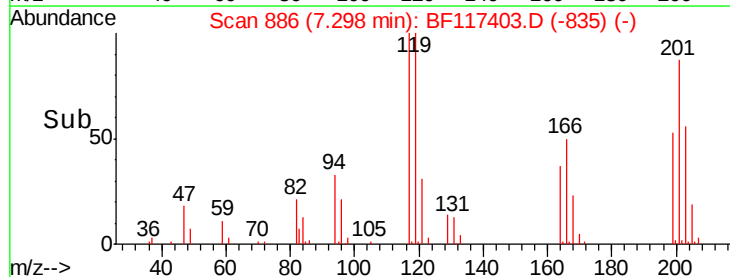
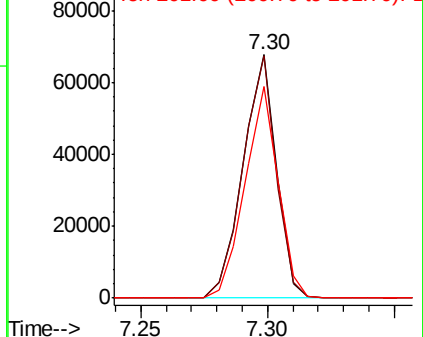


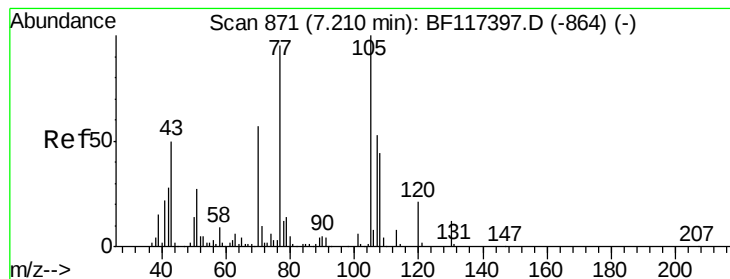
#18
Hexachloroethane
Concen: 37.745 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:117 Resp: 62074
Ion Ratio Lower Upper
117 100
119 99.7 75.7 113.5
201 86.9 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: 42.041 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 118700

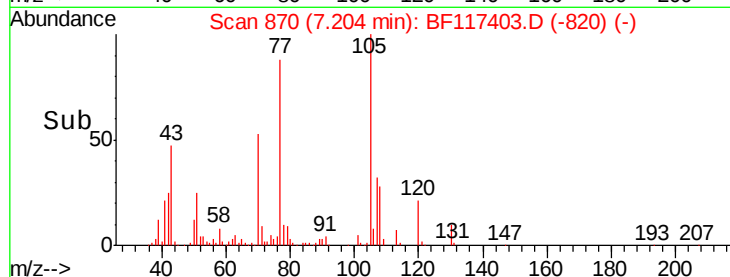
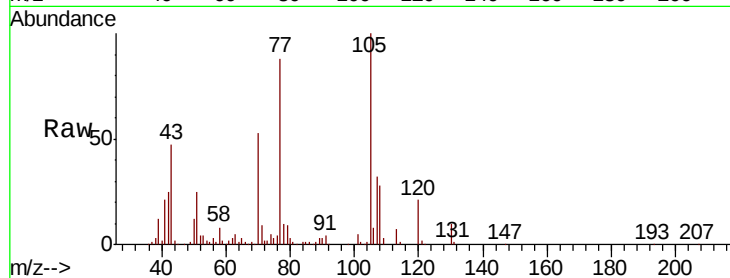
Ion Ratio Lower Upper

70 100

42 46.4 39.8 59.8

101 8.8 8.1 12.1

130 19.4 16.4 24.6



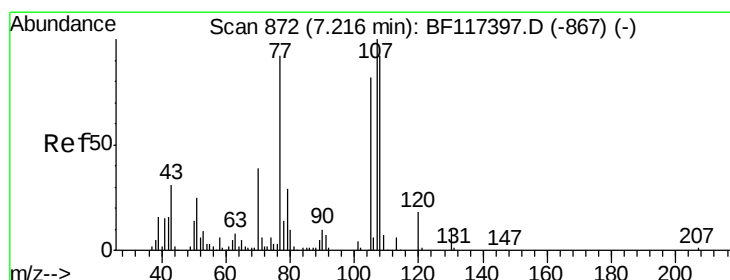
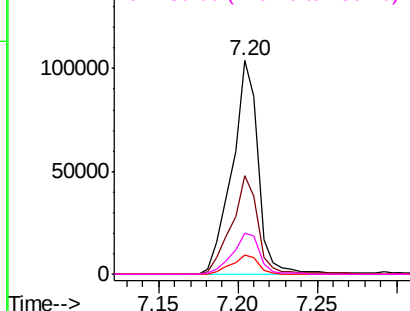
Abundance

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: 44.079 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion: 107 Resp: 175809

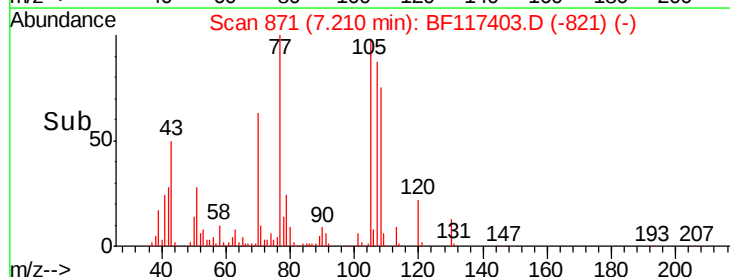
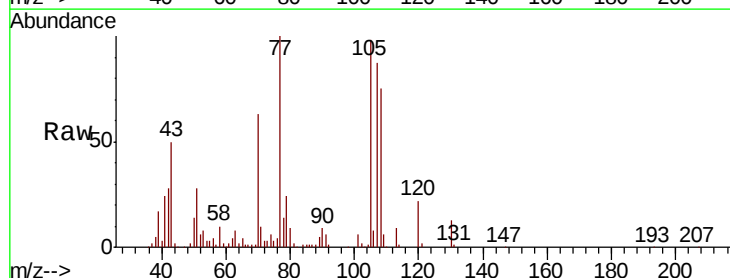
Ion Ratio Lower Upper

107 100

108 85.9 71.8 111.8

77 114.6 72.7 112.7#

79 27.7 9.5 49.5



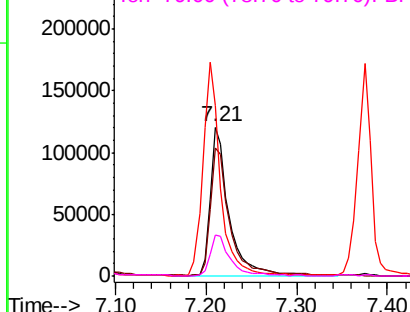
Abundance

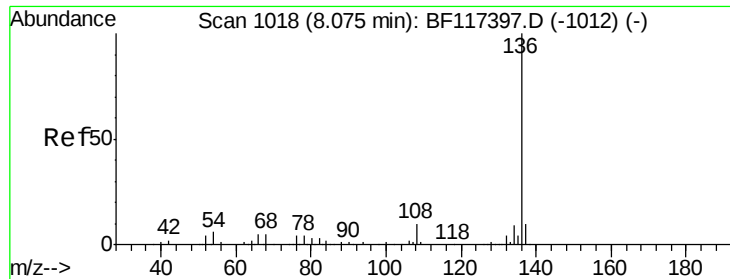
Ion 107.00 (106.70 to 107.70): BF1

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

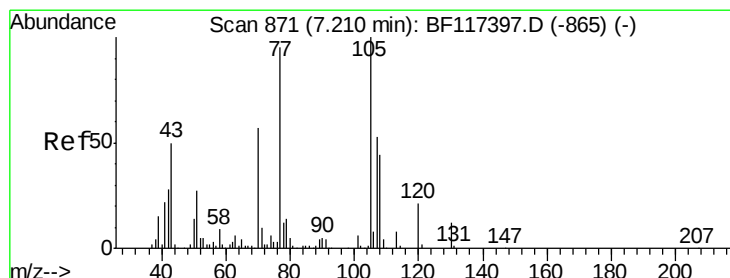
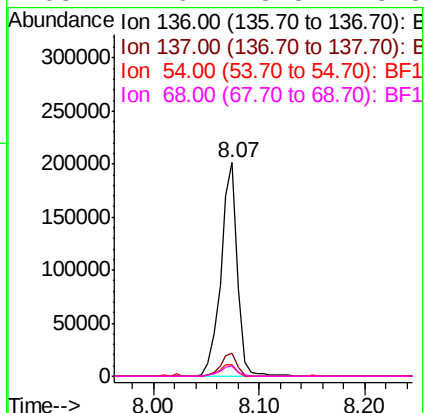
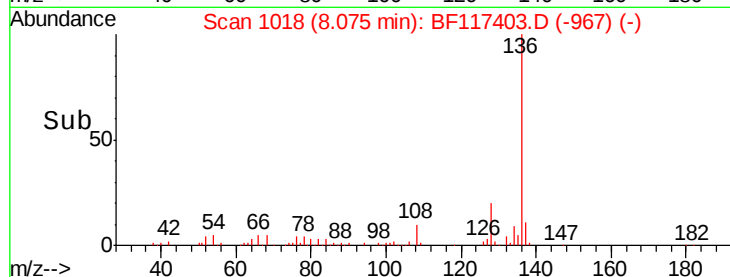
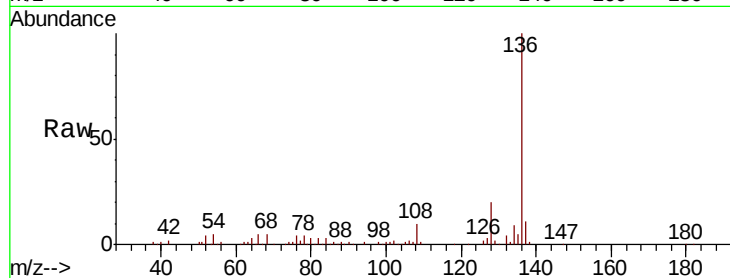




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

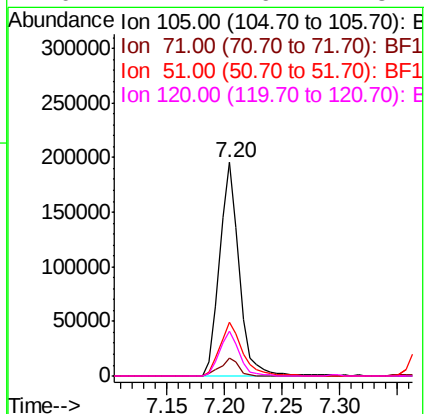
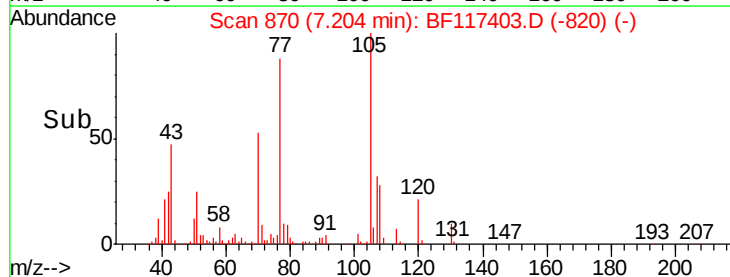
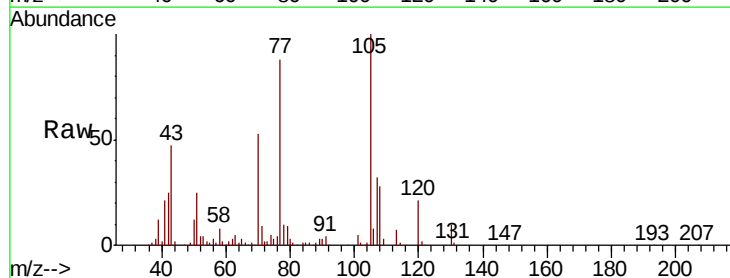
Instrument :
BNA_F
ClientSampleId :

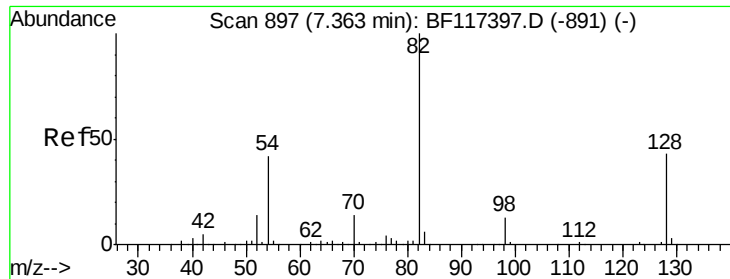
Tot Ion:136	Resp:	218896	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.4	12.6	
54 5.5	4.6	6.8	
68 4.6	3.8	5.8	



#22
Acetophenone
Concen: 40.219 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt	Ion:105	Resp:	231016
Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.8	11.6
51	25.0	21.5	32.3
120	21.1	16.7	25.1

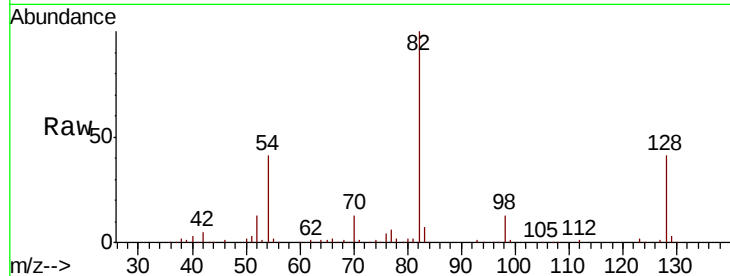




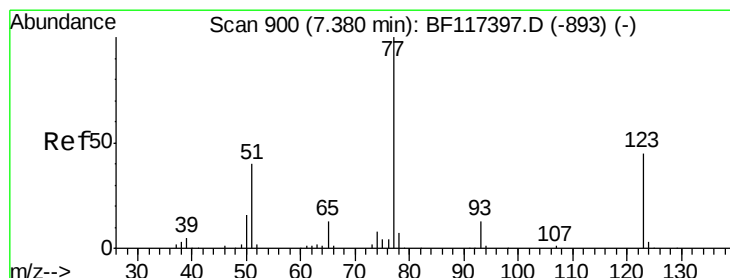
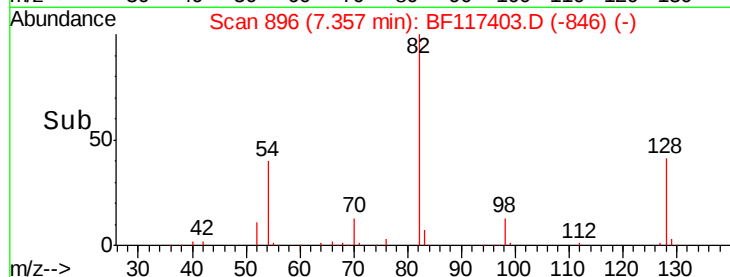
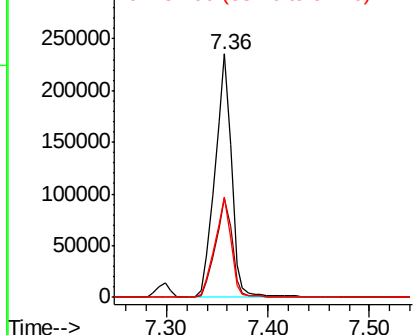
#23
 Nitrobenzene-d5
 Concen: 62.283 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	268956
Ion Ratio	100	Lower	Upper
128	40.7	34.1	51.1
54	41.3	33.3	49.9

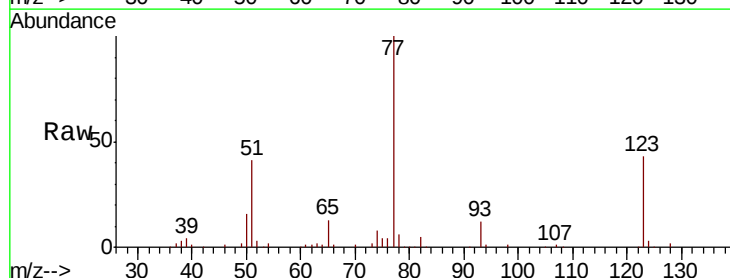


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

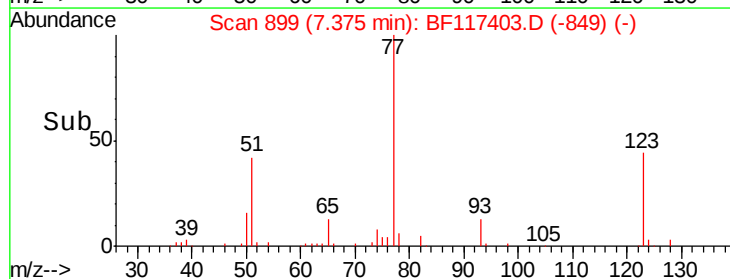
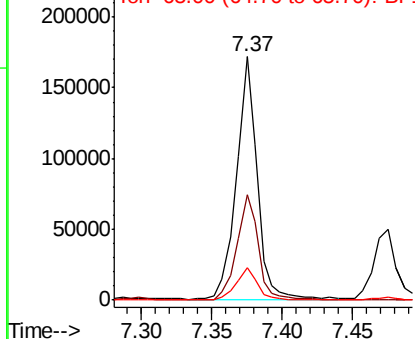


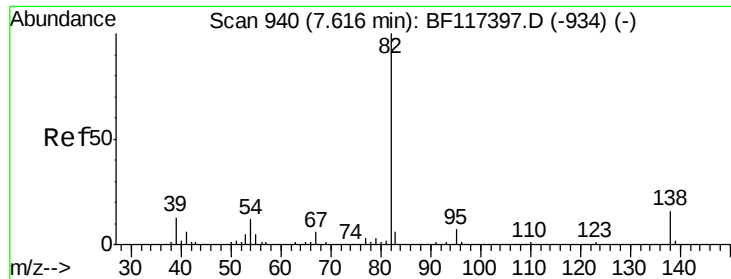
#24
 Nitrobenzene
 Concen: 40.756 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	77	Resp	176297
Ion Ratio	100	Lower	Upper
123	43.1	35.8	53.8
65	13.2	10.1	15.1



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





#25

Isophorone

Concen: 41.583 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

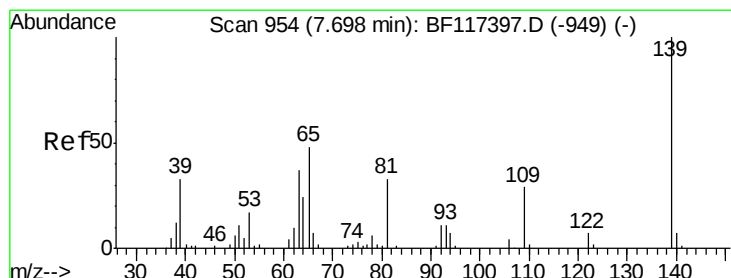
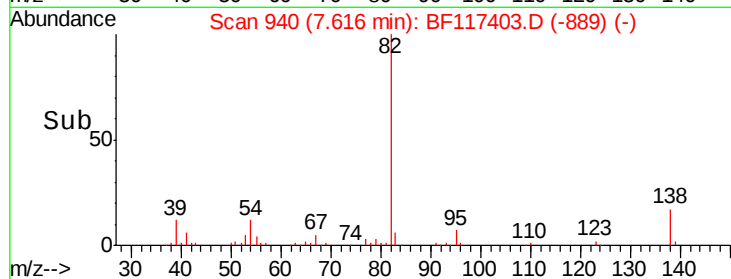
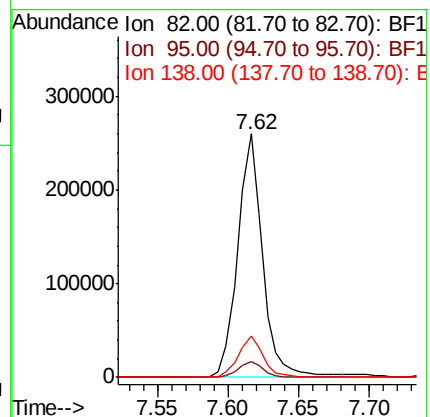
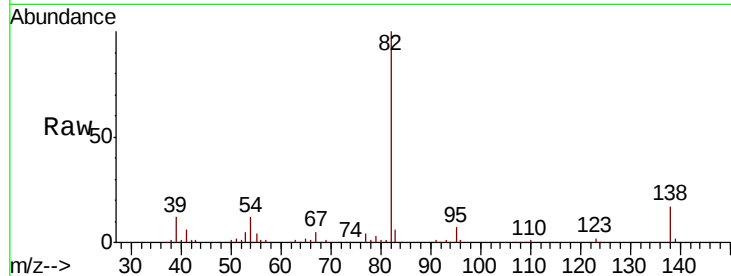
Tot Ion: 82 Resp: 319874

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.2 13.0 19.4



#26

2-Nitrophenol

Concen: 43.717 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

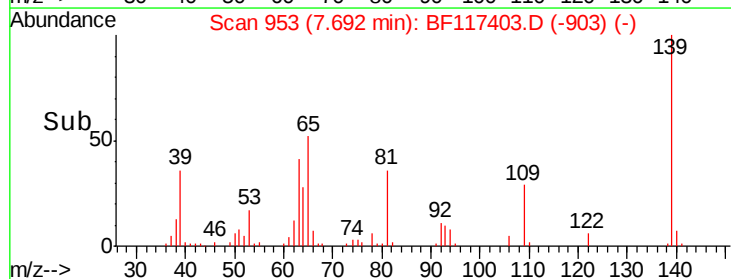
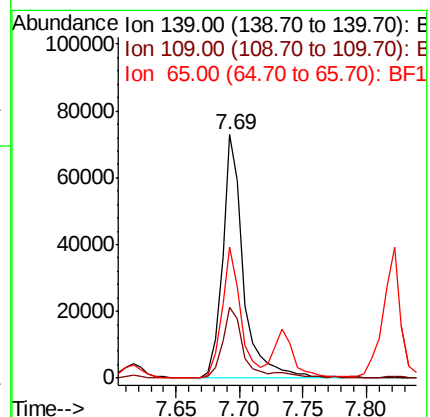
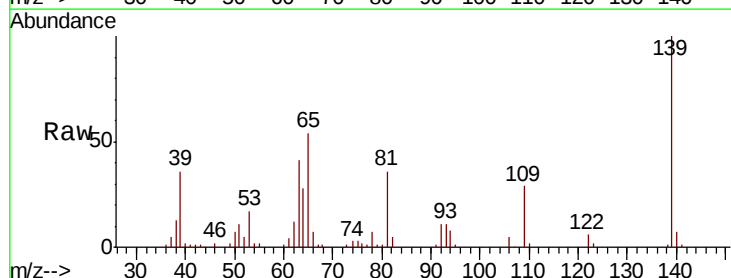
Tgt Ion: 139 Resp: 83902

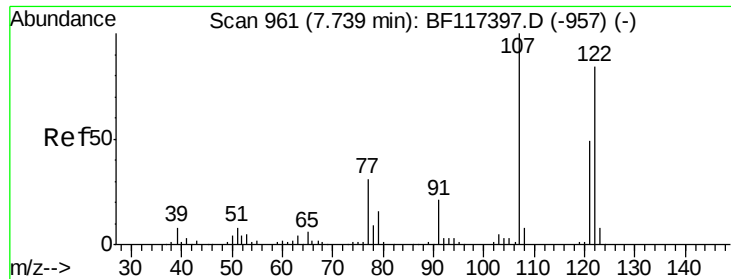
Ion Ratio Lower Upper

139 100

109 28.9 23.1 34.7

65 53.6 38.2 57.4

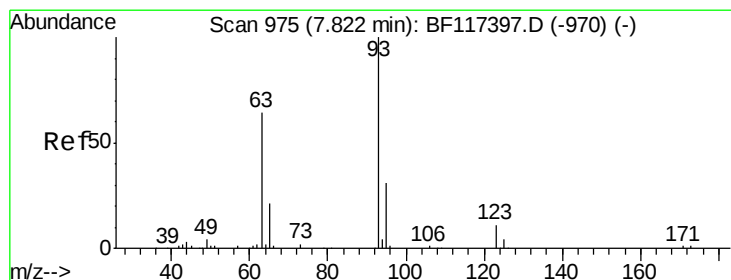
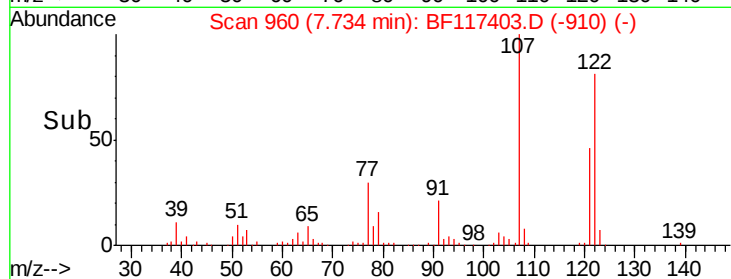
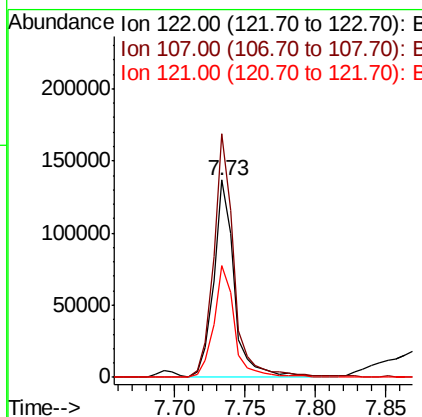
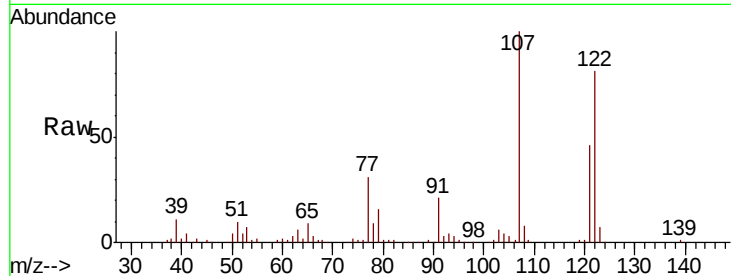




#27
 2,4-Dimethylphenol
 Concen: 46.943 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

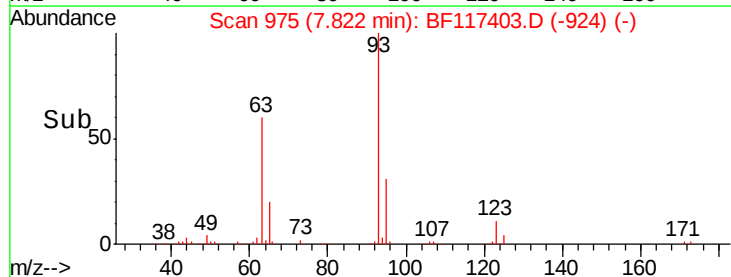
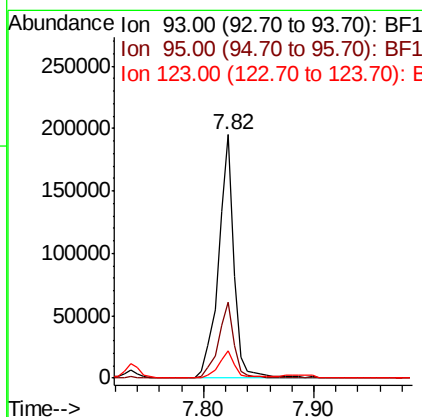
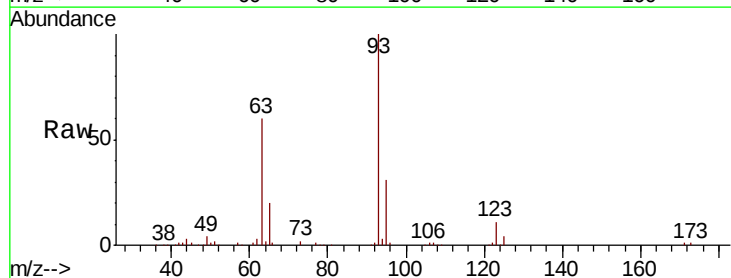
Instrument :
 BNA_F
 ClientSampleId :

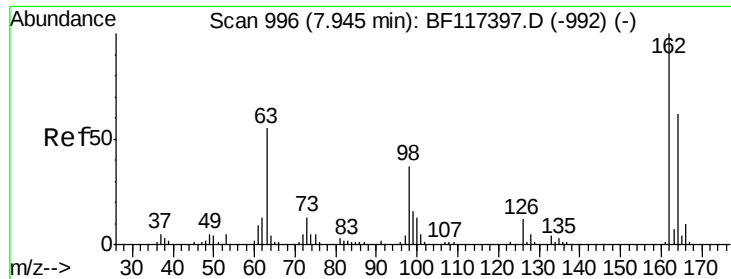
Tot Ion:122 Resp: 136926
 Ion Ratio Lower Upper
 122 100
 107 123.4 95.0 142.6
 121 56.9 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.930 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion: 93 Resp: 190418
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.1 37.7
 123 11.3 8.6 12.8

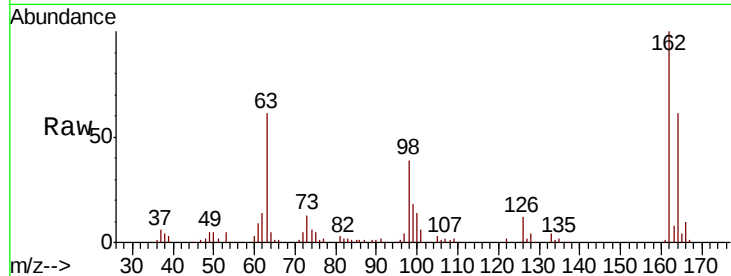




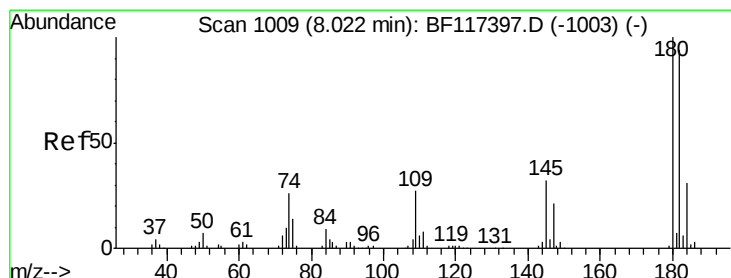
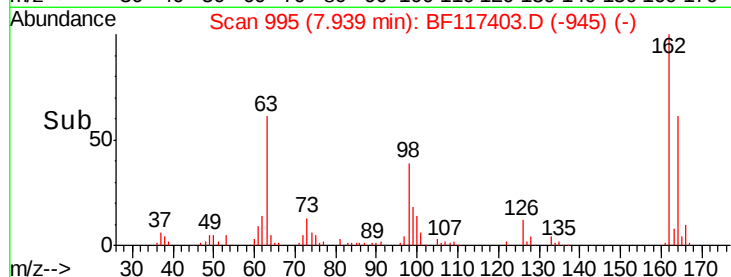
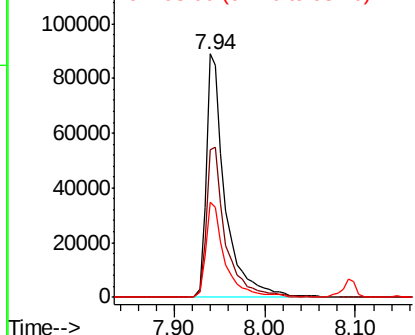
#29
2,4-Dichlorophenol
Concen: 43.123 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 129788
Ion Ratio Lower Upper
162 100
164 60.5 42.2 82.2
98 39.1 17.4 57.4

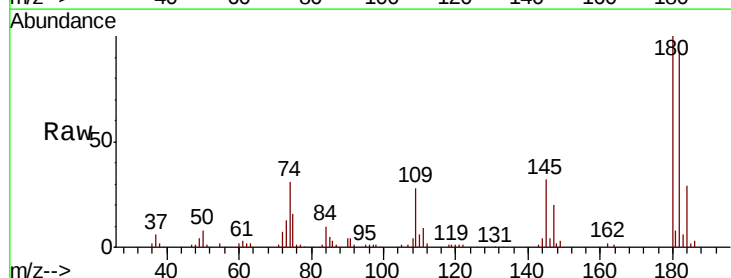


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

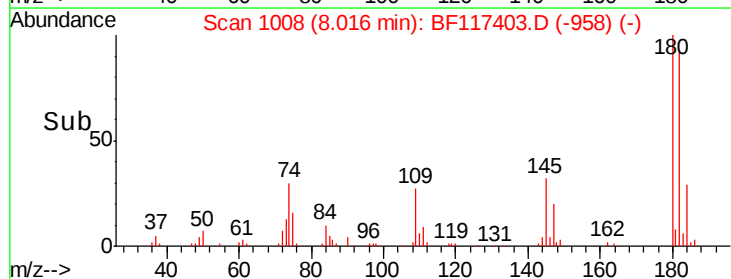
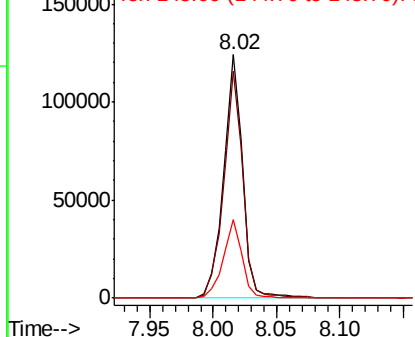


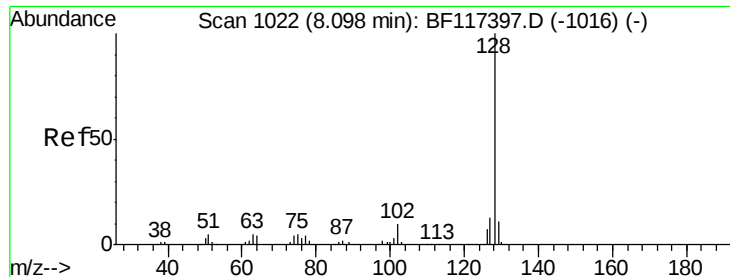
#30
1,2,4-Trichlorobenzene
Concen: 39.542 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:180 Resp: 128296
Ion Ratio Lower Upper
180 100
182 93.1 75.4 113.2
145 32.2 25.5 38.3



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

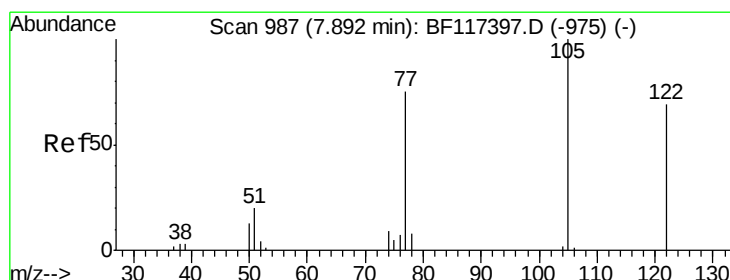
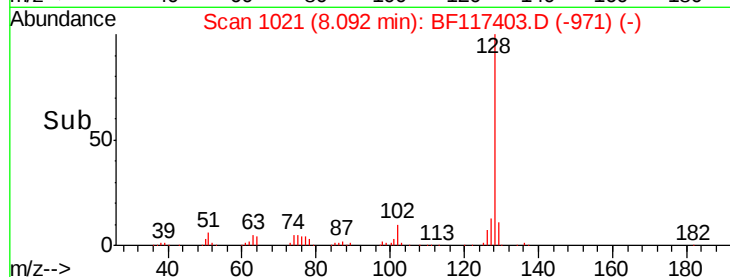
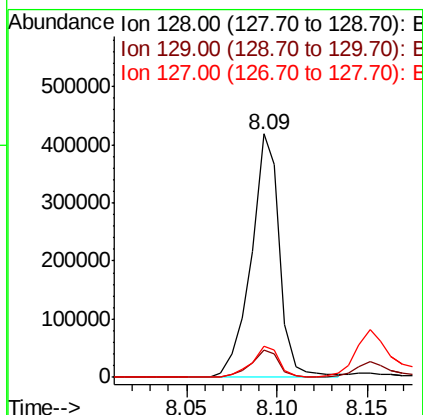
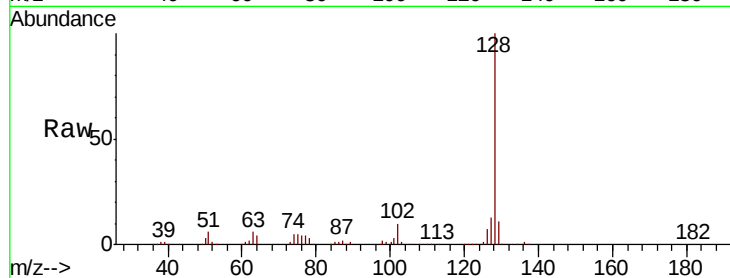




#31
Naphthalene
Concen: 41.449 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

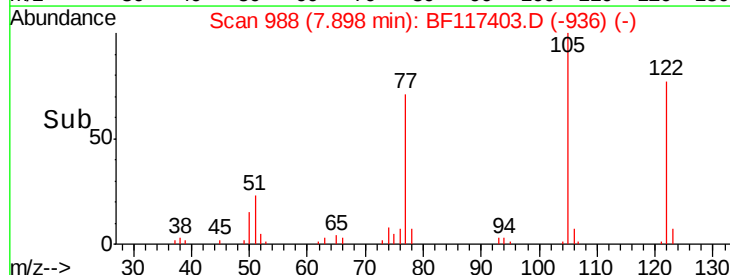
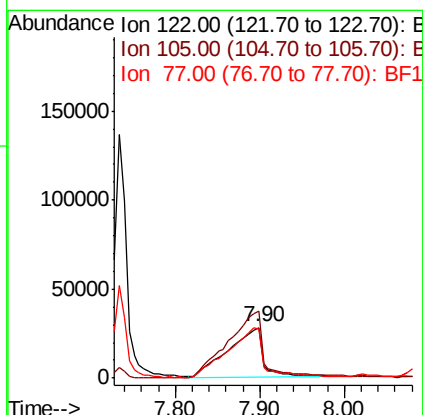
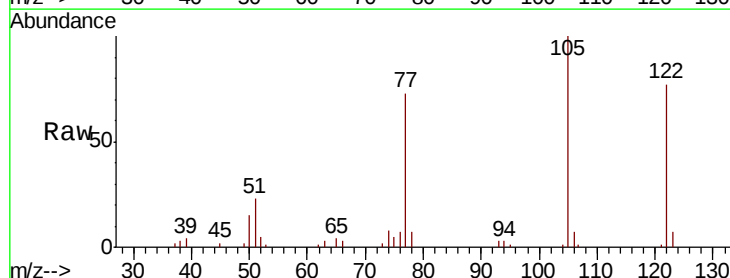
Instrument :
BNA_F
ClientSampleId :

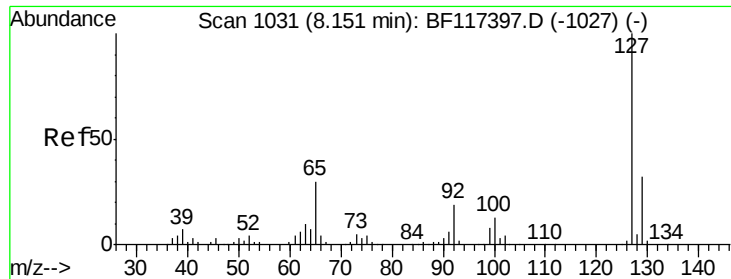
Tot Ion:128 Resp: 453109
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 42.246 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:122 Resp: 81522
Ion Ratio Lower Upper
122 100
105 130.5 121.5 161.5
77 95.3 88.3 128.3

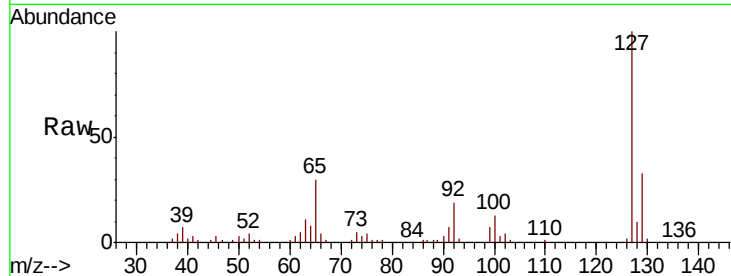




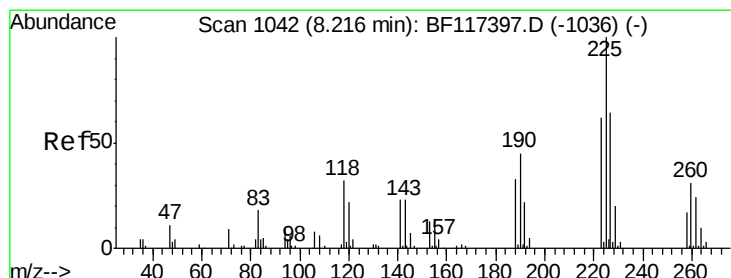
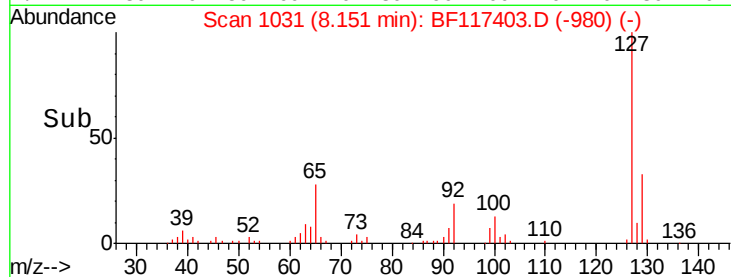
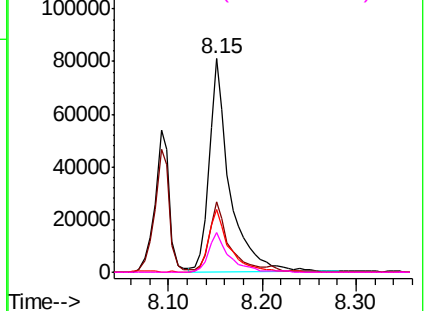
#33
4-Chloroaniline
Concen: 26.608 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	123528
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.0
65	29.6	23.8	35.8
92	18.6	15.3	22.9

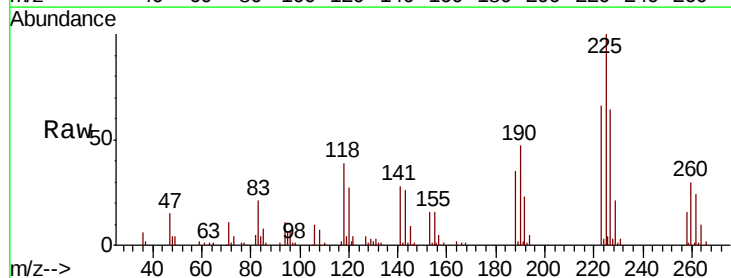


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

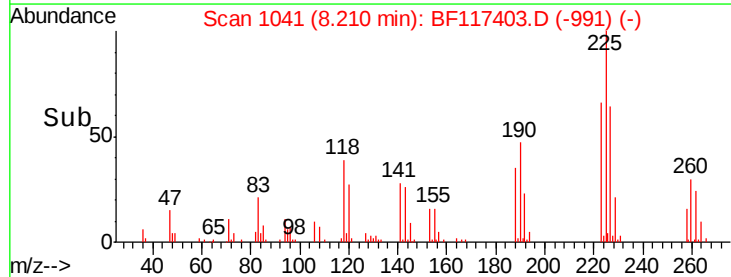
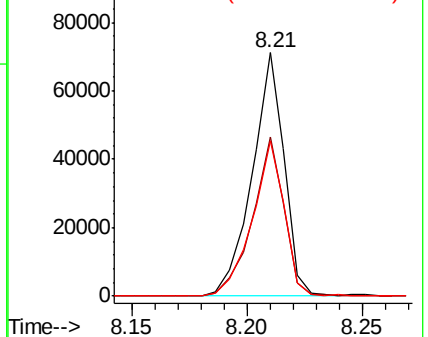


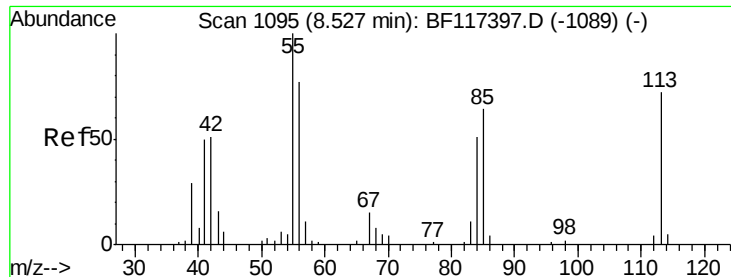
#34
Hexachlorobutadiene
Concen: 36.898 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:	225	Resp:	68566
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.7	74.5
227	63.6	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

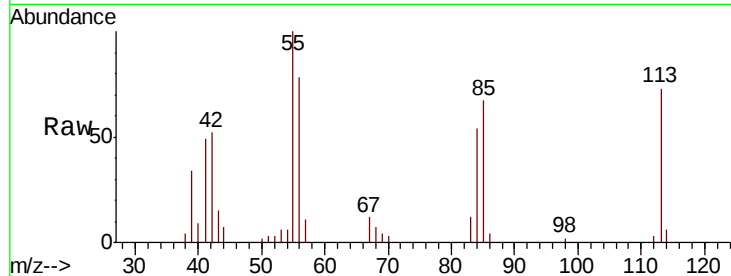




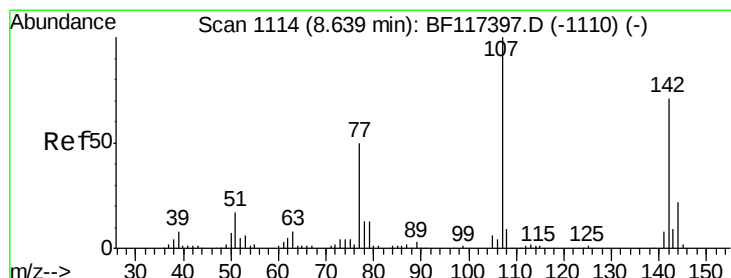
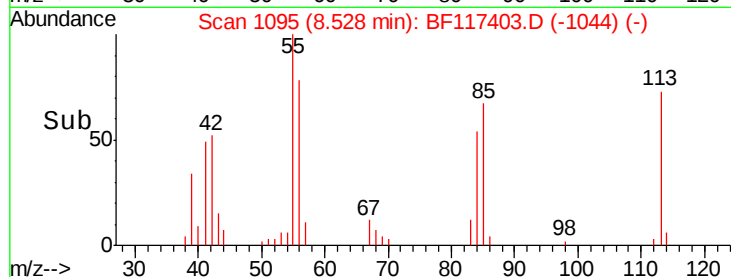
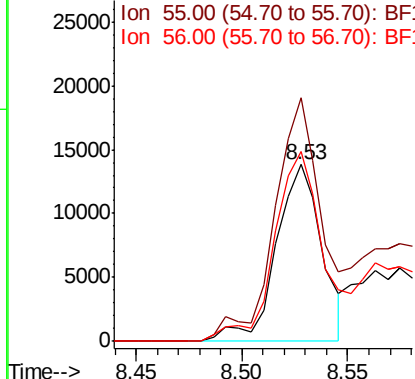
#35
Caprolactam
Concen: 22.156 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 20882
Ion Ratio Lower Upper
113 100
55 137.8 118.5 158.5
56 107.5 86.7 126.7

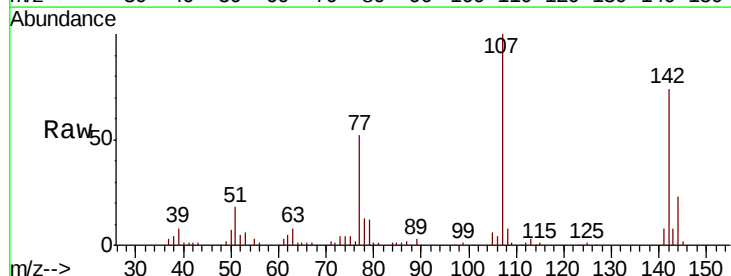


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

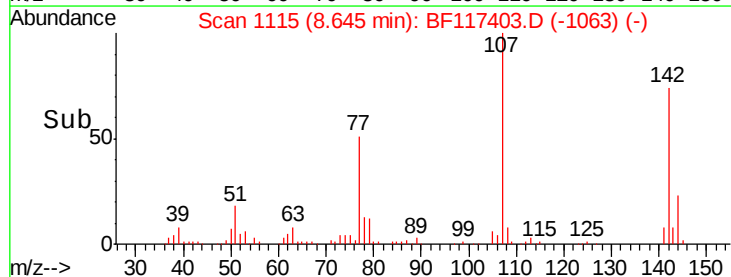
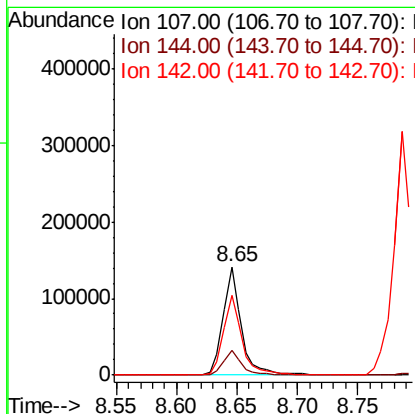


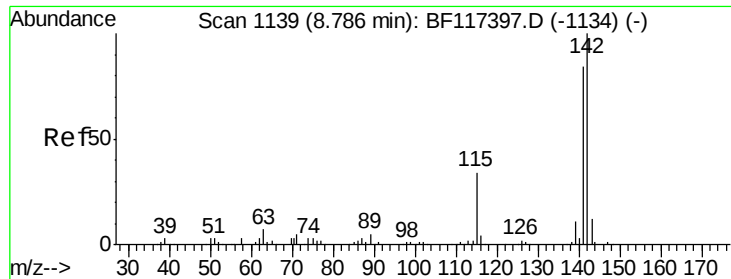
#36
4-Chloro-3-methylphenol
Concen: 43.333 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:107 Resp: 148403
Ion Ratio Lower Upper
107 100
144 23.1 17.9 26.9
142 73.7 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

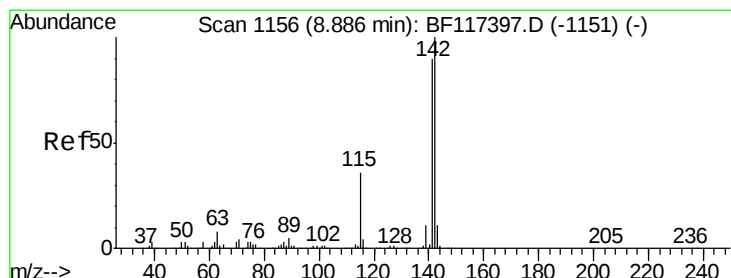
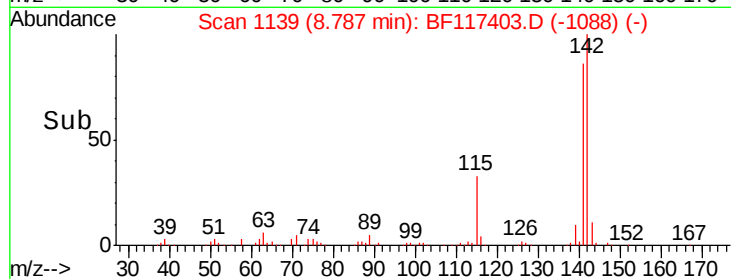
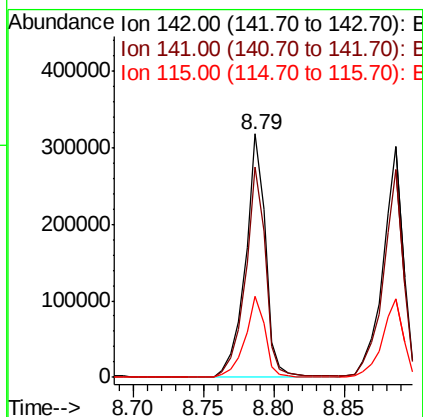
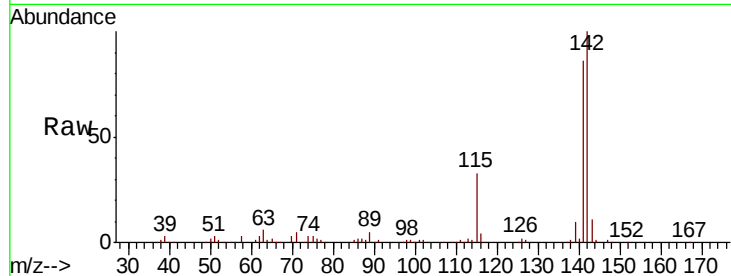




#37
2-Methylnaphthalene
Concen: 42.773 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

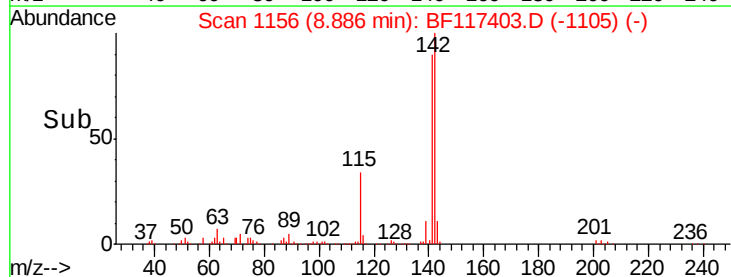
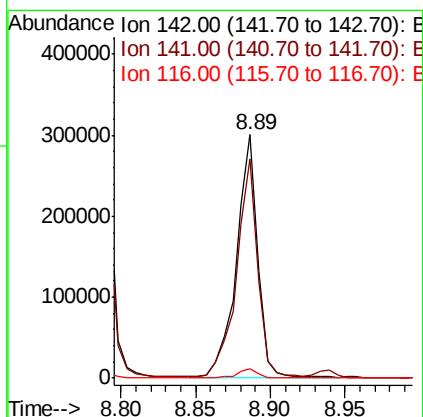
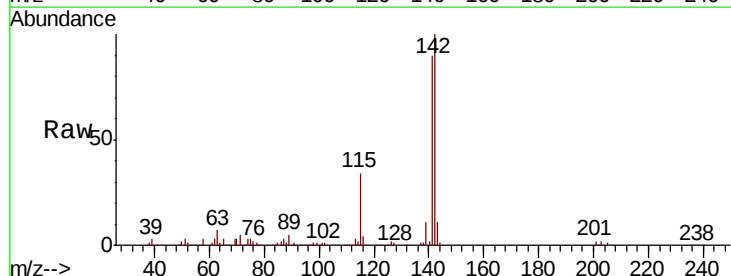
Instrument :
BNA_F
ClientSampleId :

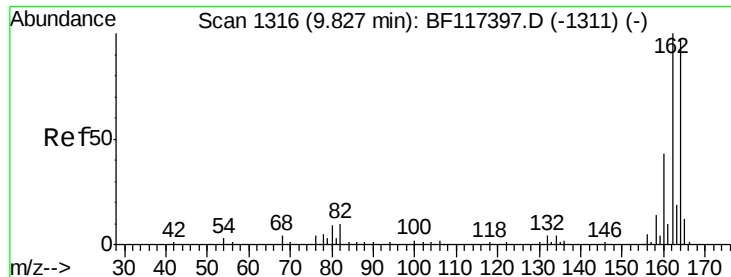
Tot Ion:142 Resp: 315744
Ion Ratio Lower Upper
142 100
141 86.2 67.2 100.8
115 33.4 26.9 40.3



#38
1-Methylnaphthalene
Concen: 42.893 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:142 Resp: 298321
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.8
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

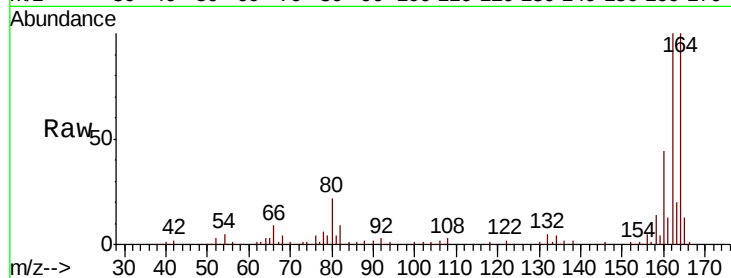
Tot Ion:164 Resp: 114060

Ion Ratio Lower Upper

164 100

162 100.1 82.4 123.6

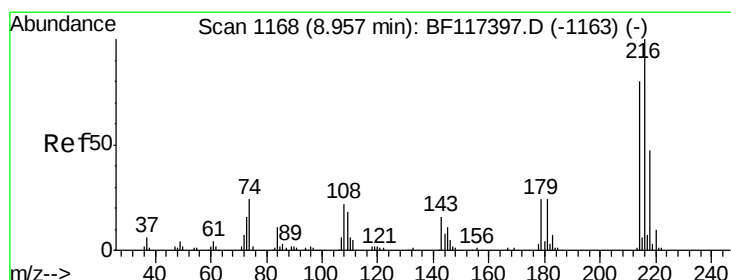
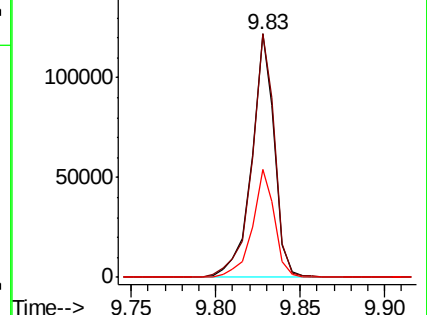
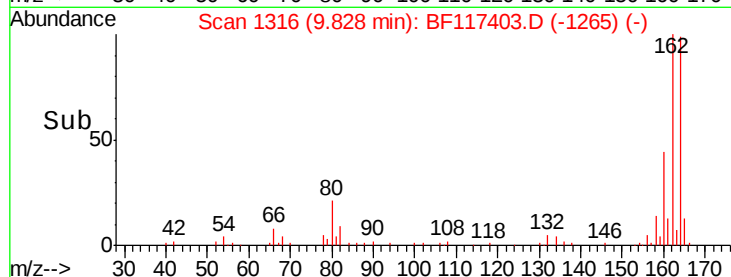
160 44.1 35.4 53.0



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: 38.548 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion:216 Resp: 118331

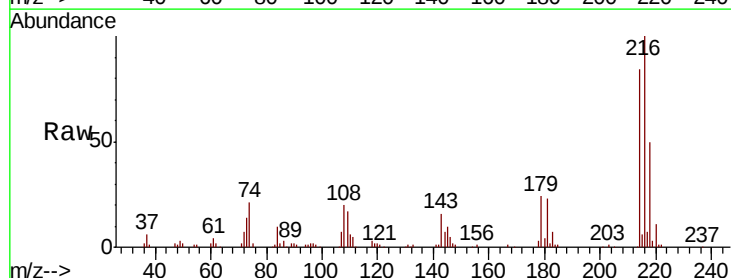
Ion Ratio Lower Upper

216 100

214 81.4 63.8 95.6

179 23.9 18.6 28.0

108 22.3 17.0 25.4

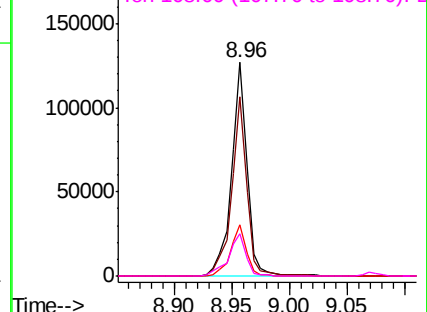
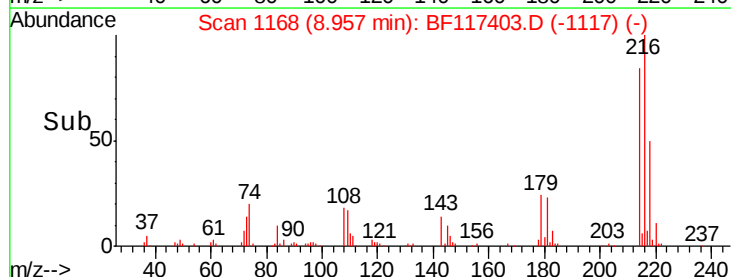


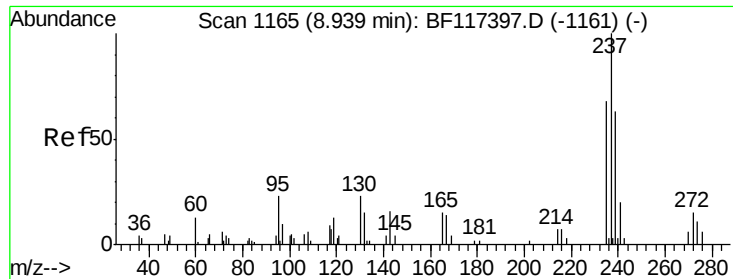
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.918 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

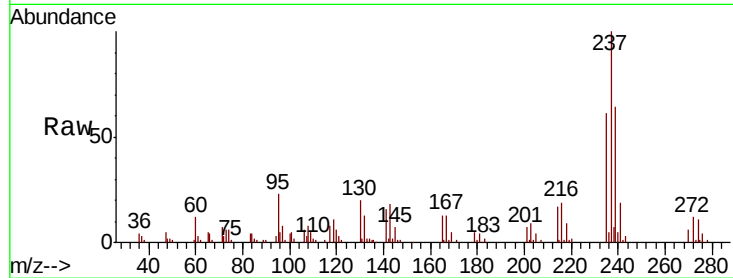
Tot Ion:237 Resp: 54410

Ion Ratio Lower Upper

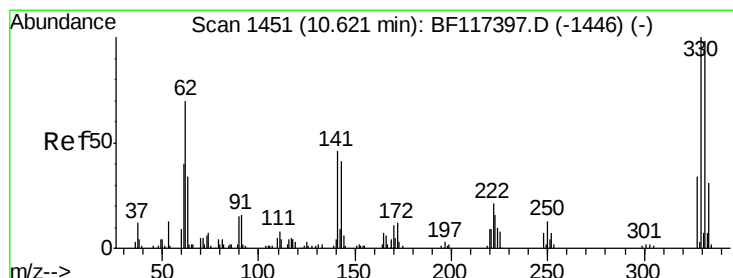
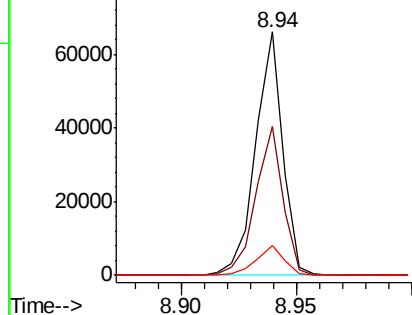
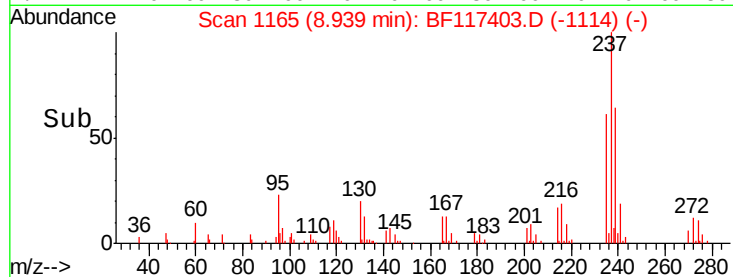
237 100

235 61.3 47.8 87.8

272 12.4 0.0 35.0



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



#42

2,4,6-Tribromophenol

Concen: 118.775 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

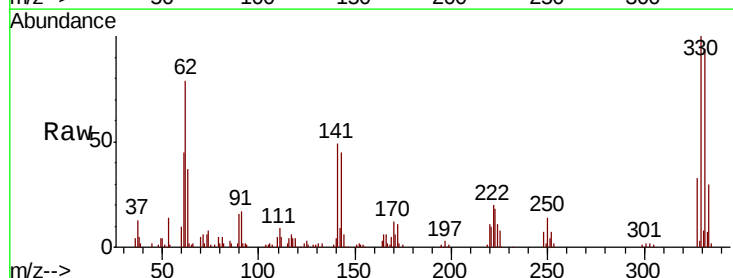
Tgt Ion:330 Resp: 110258

Ion Ratio Lower Upper

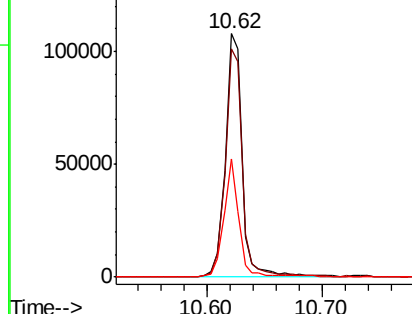
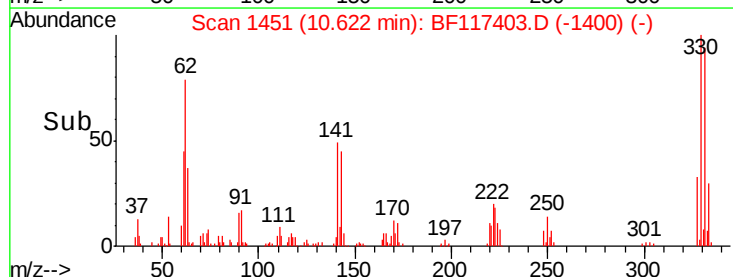
330 100

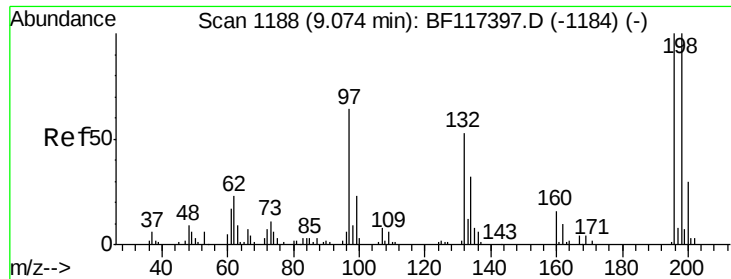
332 95.0 75.0 112.6

141 43.0 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

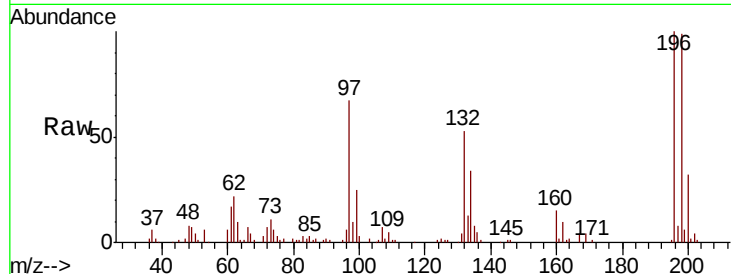




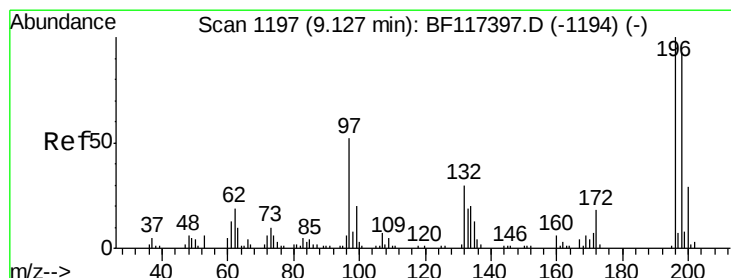
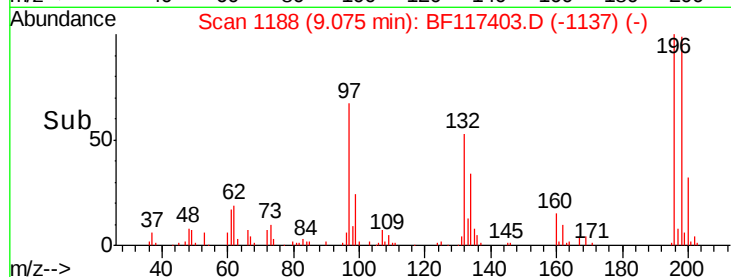
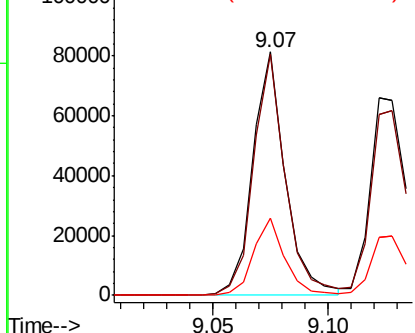
#43
 2,4,6-Trichlorophenol
 Concen: 41.504 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 80629
 Ion Ratio Lower Upper
 196 100
 198 98.8 79.8 119.6
 200 31.6 23.7 35.5

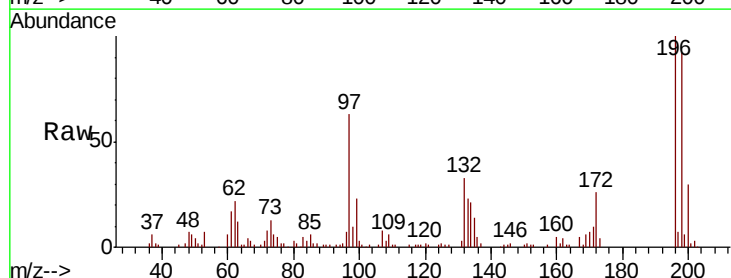


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

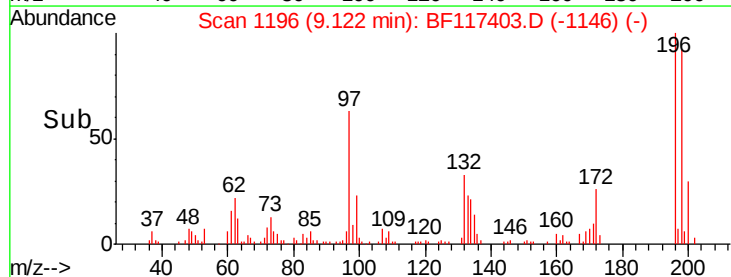
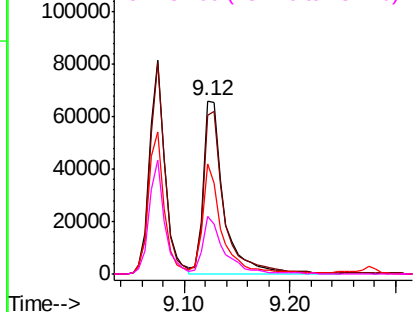


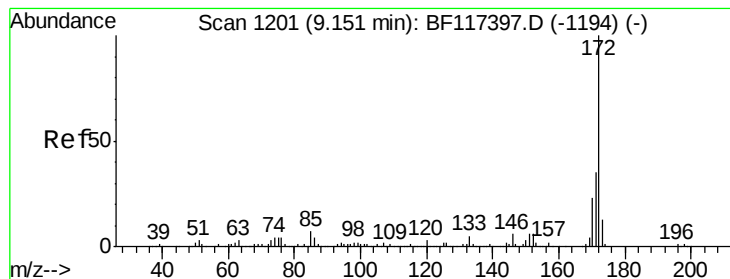
#44
 2,4,5-Trichlorophenol
 Concen: 45.141 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion:196 Resp: 89451
 Ion Ratio Lower Upper
 196 100
 198 91.6 74.9 112.3
 97 63.1 42.5 63.7
 132 33.2 24.7 37.1



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





#45

2-Fluorobiphenyl

Concen: 62.293 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

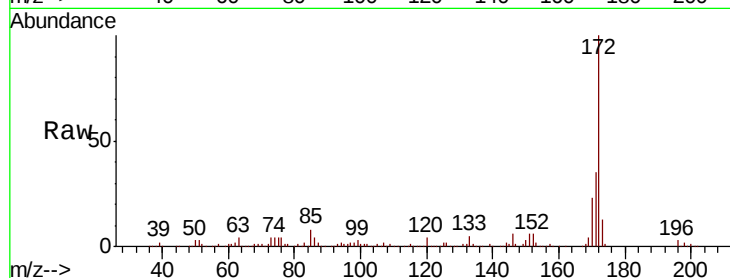
Tot Ion:172 Resp: 487359

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

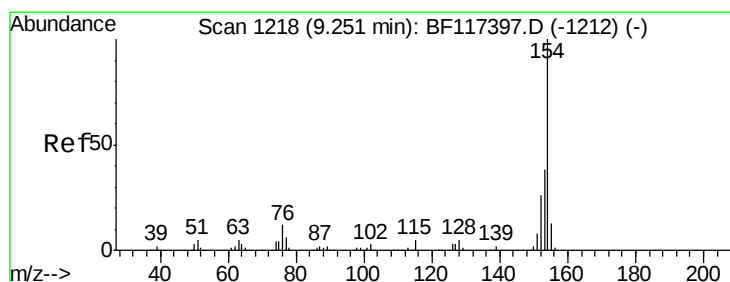
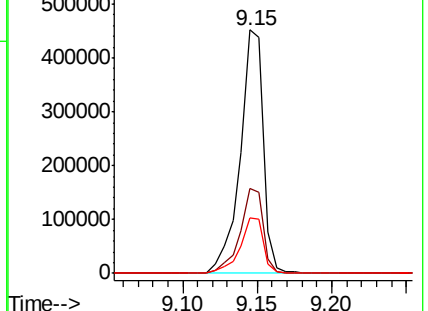
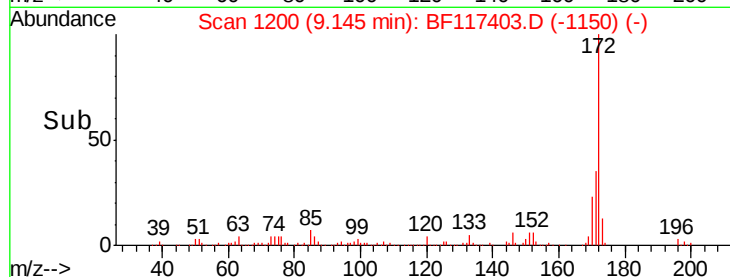
170 23.0 18.2 27.2



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: 39.487 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

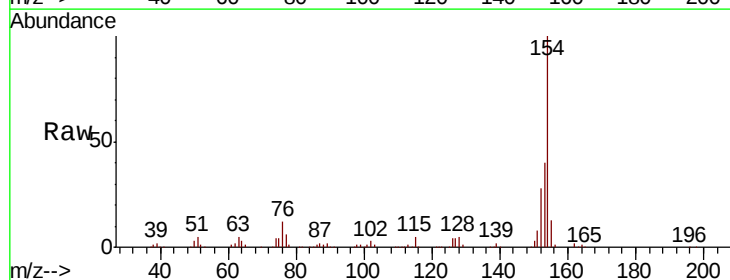
Tgt Ion:154 Resp: 367939

Ion Ratio Lower Upper

154 100

153 40.3 18.3 58.3

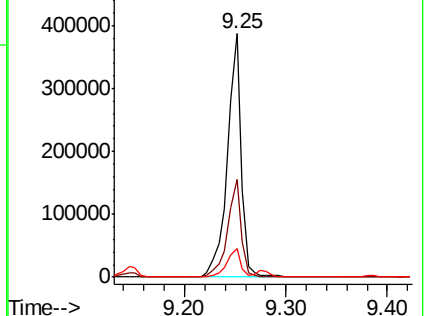
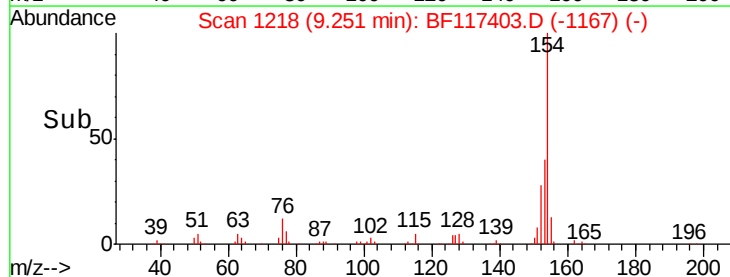
76 12.0 0.0 32.3

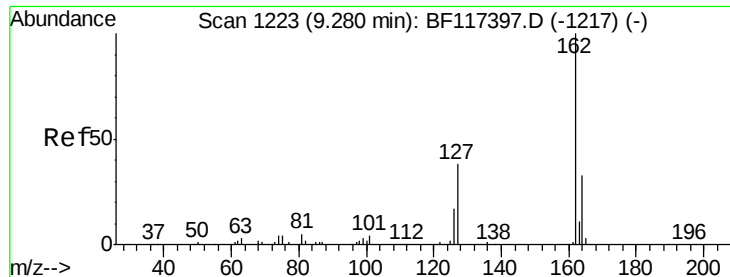


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

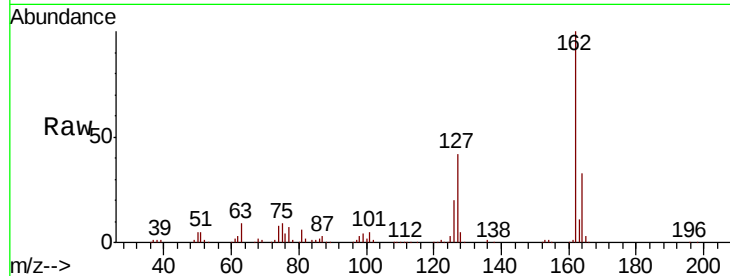




#47
2-Chloronaphthalene
Concen: 39.861 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.6	48.8
164	32.8	26.2	39.4

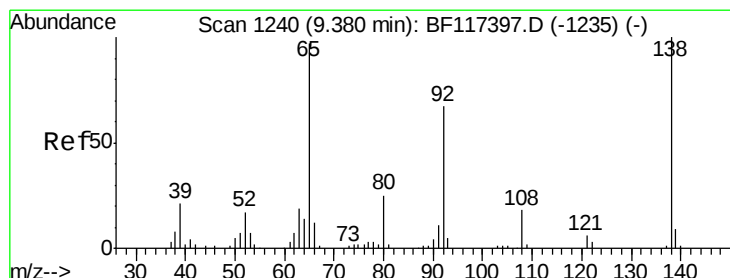
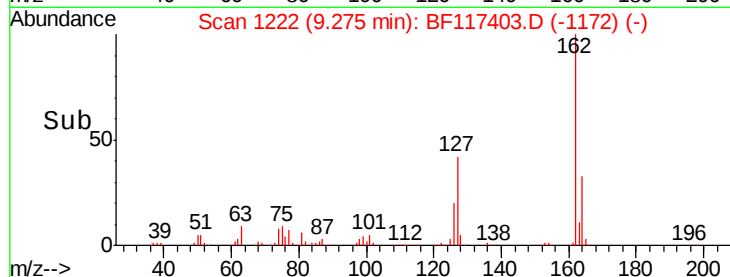
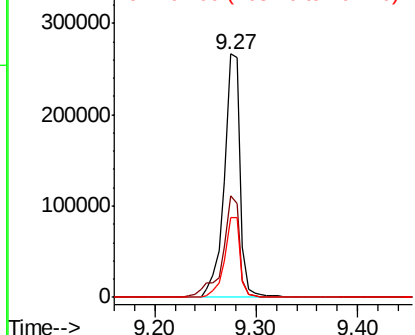


Abundance

Ion 162.00 (161.70 to 162.70): E

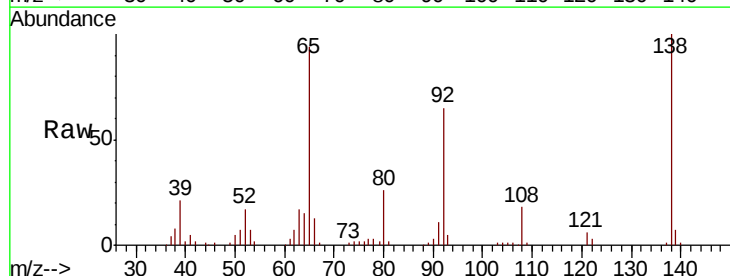
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.148 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.4	83.0
138	106.3	82.6	124.0

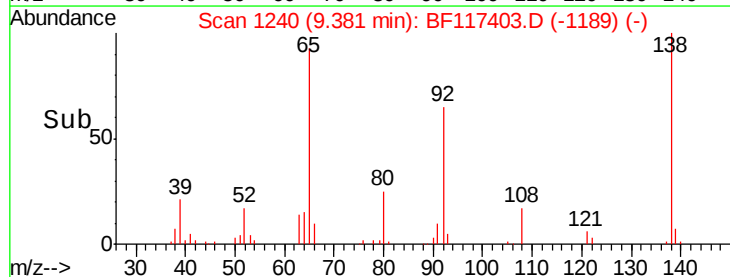
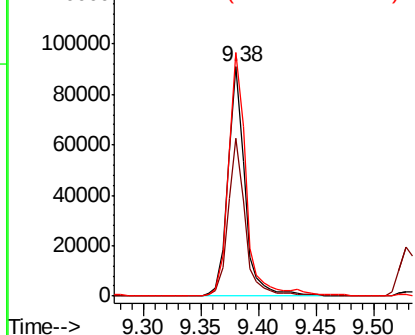


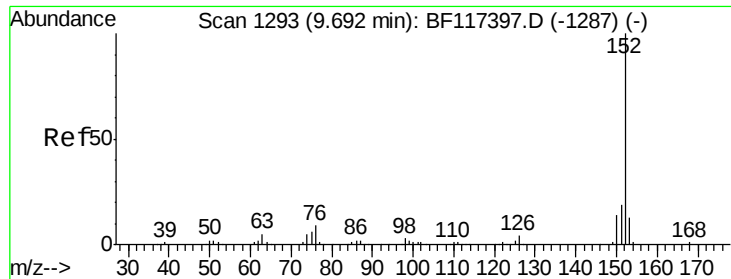
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.686 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

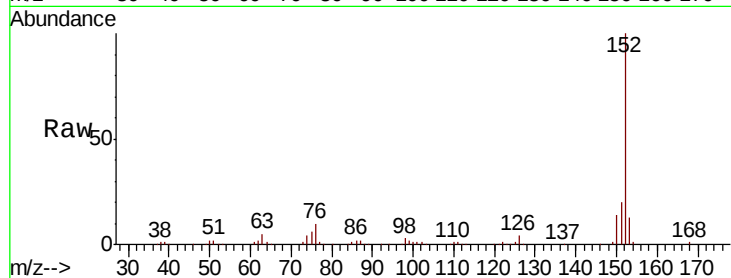
Tot Ion:152 Resp: 443894

Ion Ratio Lower Upper

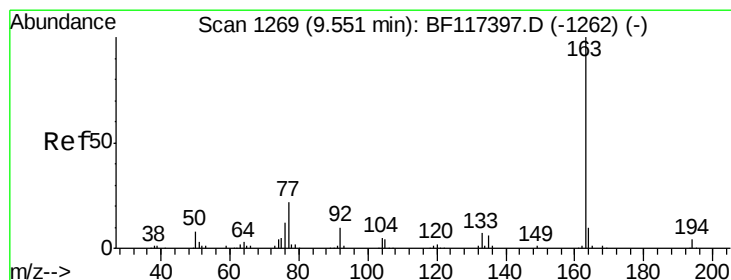
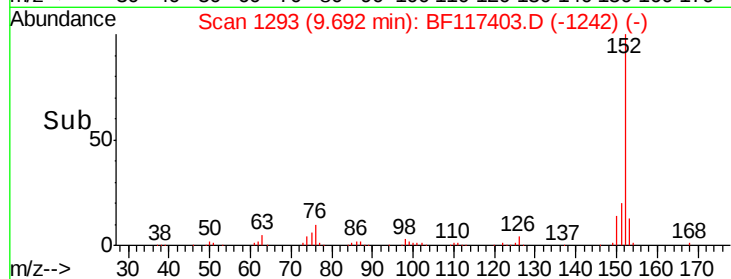
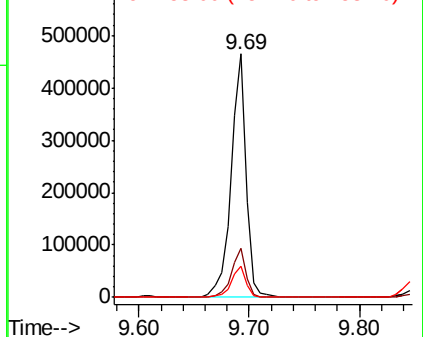
152 100

151 20.3 15.5 23.3

153 12.9 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: 40.138 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

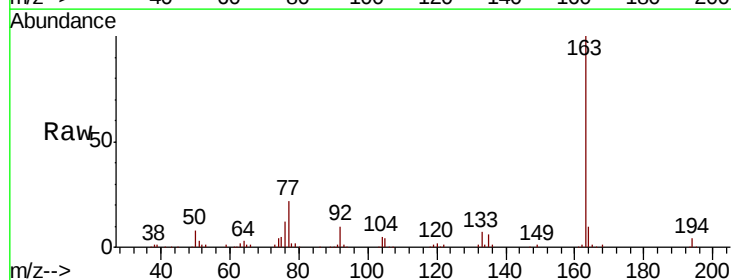
Tgt Ion:163 Resp: 328793

Ion Ratio Lower Upper

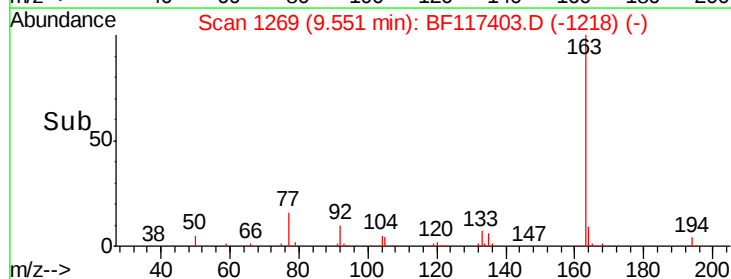
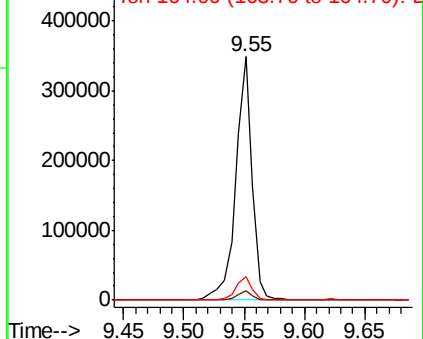
163 100

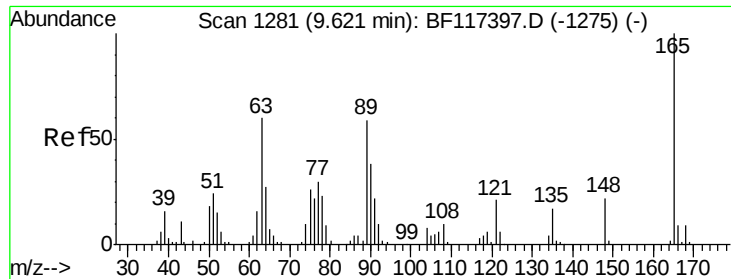
194 3.7 3.1 4.7

164 9.8 8.0 12.0



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

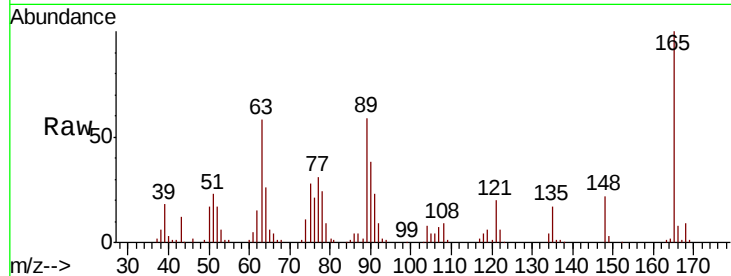




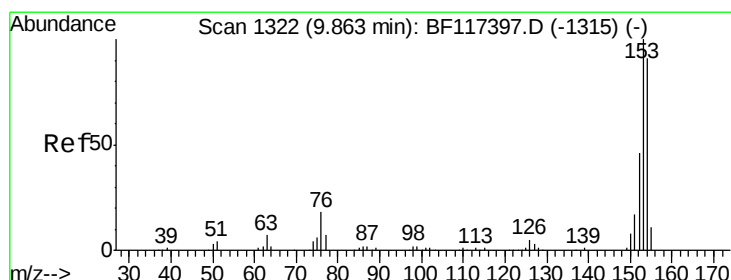
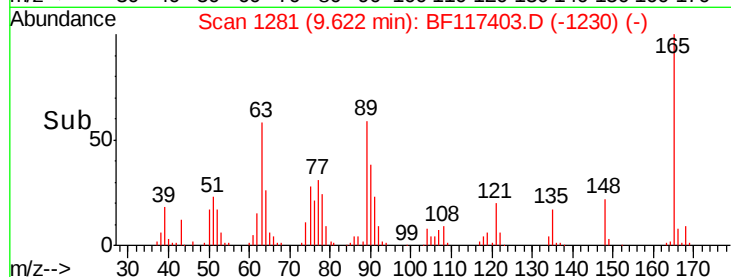
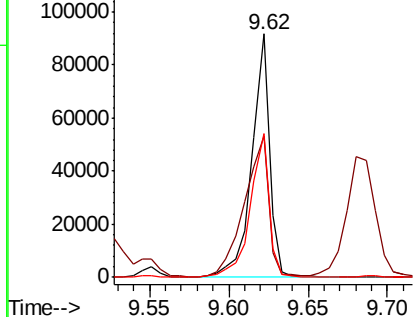
#51
2,6-Dinitrotoluene
Concen: 41.597 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 71621
Ion Ratio Lower Upper
165 100
63 58.0 47.8 71.6
89 58.9 47.4 71.0

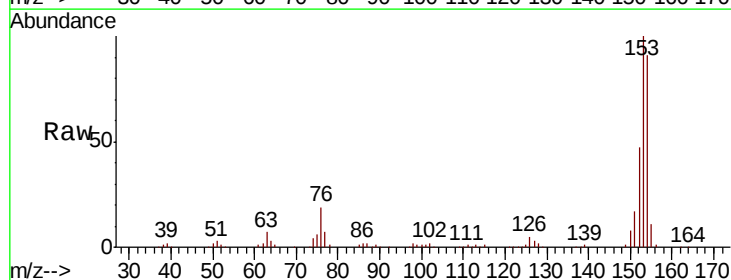


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

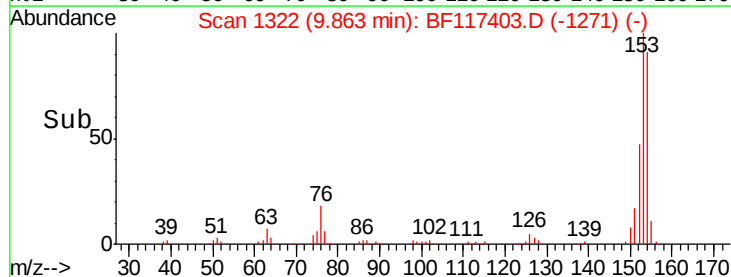
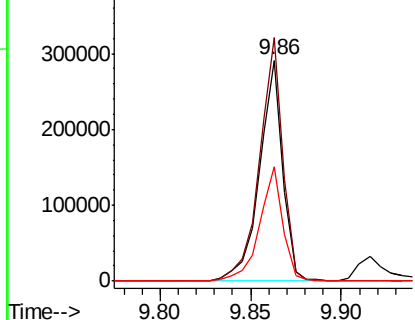


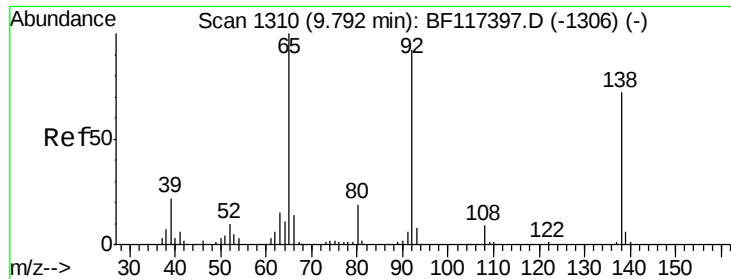
#52
Acenaphthene
Concen: 40.357 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:154 Resp: 261132
Ion Ratio Lower Upper
154 100
153 110.2 87.9 131.9
152 52.0 40.8 61.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

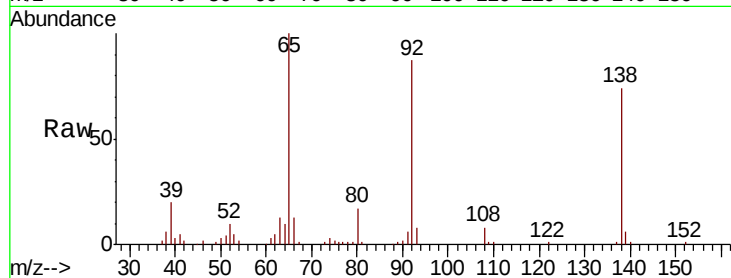




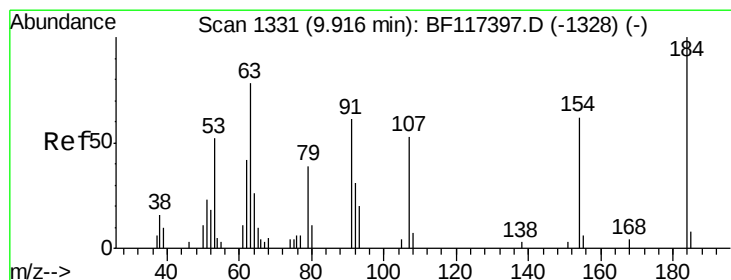
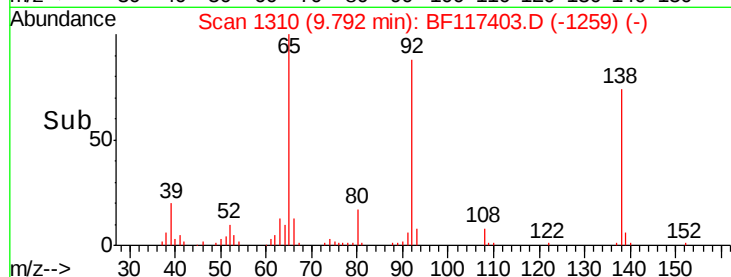
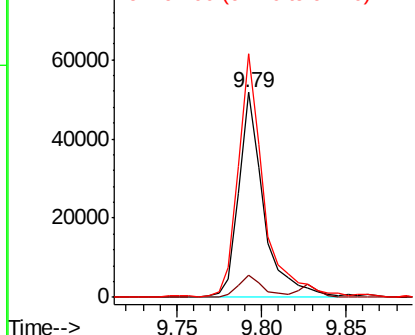
#53
3-Nitroaniline
Concen: 25.259 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 53108
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 118.8 102.2 153.4

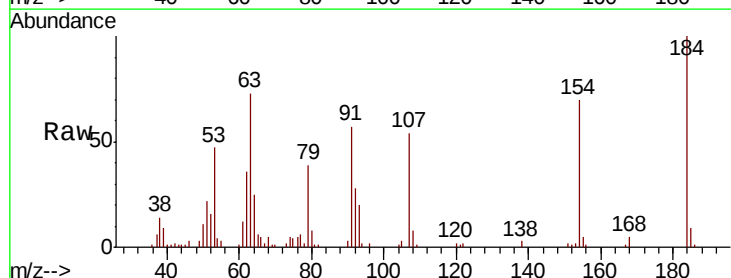


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

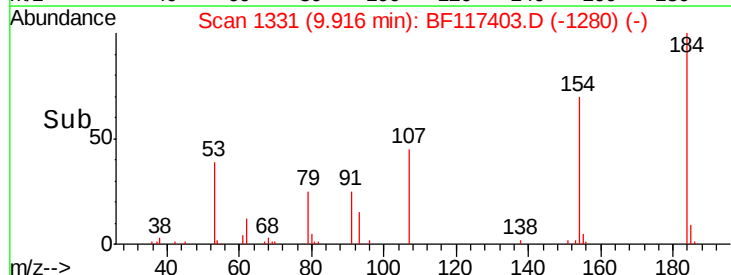
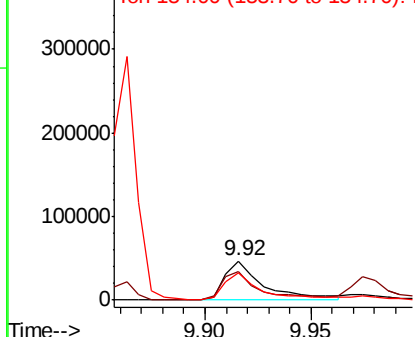


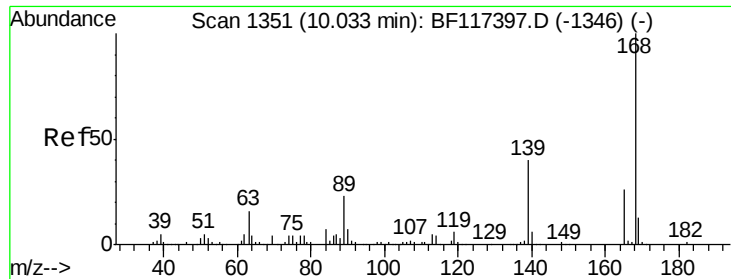
#54
2,4-Dinitrophenol
Concen: 81.660 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:184 Resp: 60296
Ion Ratio Lower Upper
184 100
63 73.2 62.4 93.6
154 70.4 53.5 80.3



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

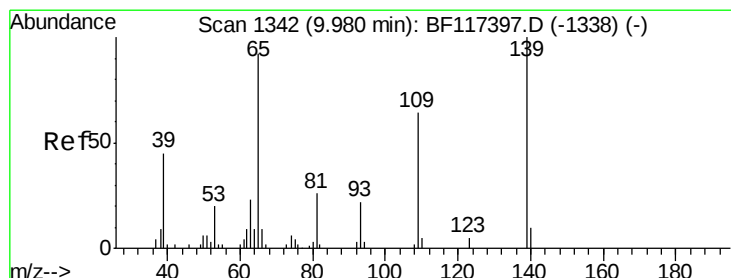
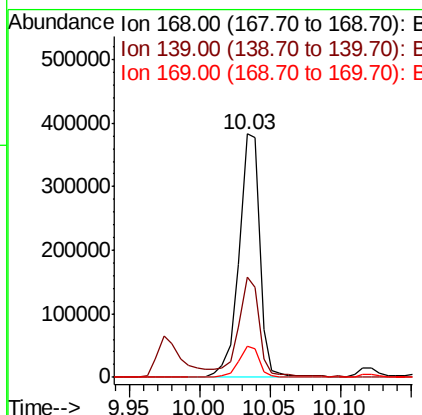
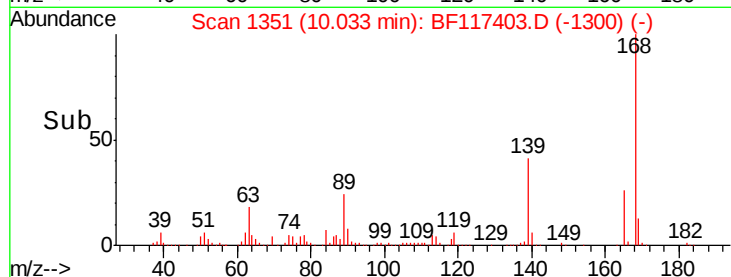
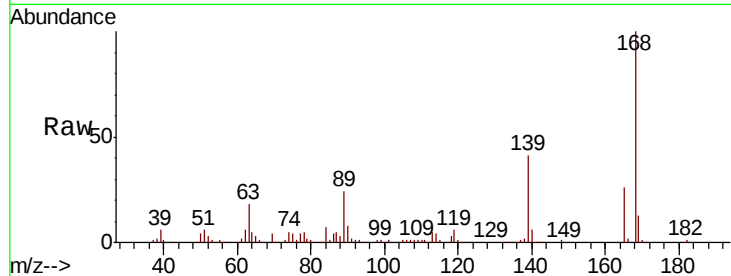




#55
Dibenzofuran
Concen: 42.063 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

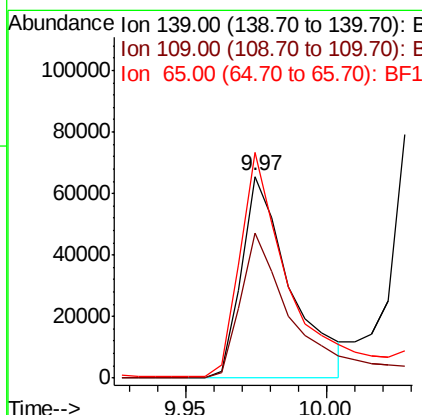
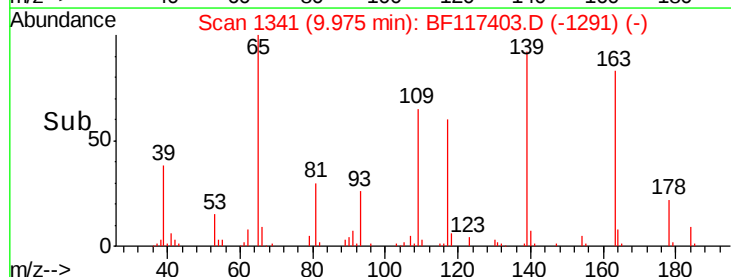
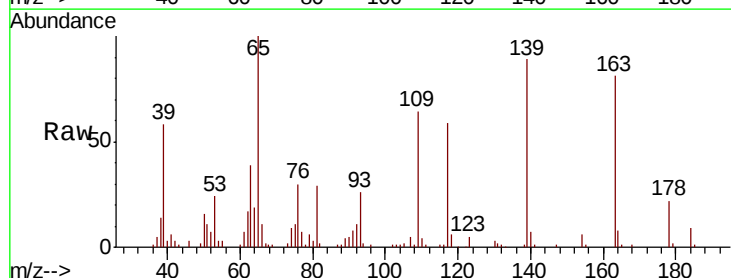
Instrument :
BNA_F
ClientSampled :

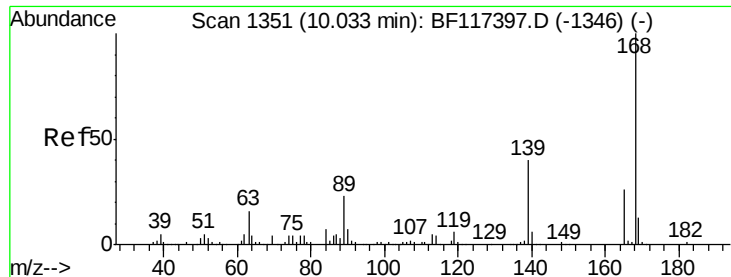
Tot Ion:168 Resp: 397029
Ion Ratio Lower Upper
168 100
139 41.2 33.3 49.9
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 83.029 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:139 Resp: 78933
Ion Ratio Lower Upper
139 100
109 72.0 43.8 83.8
65 111.9 73.9 113.9

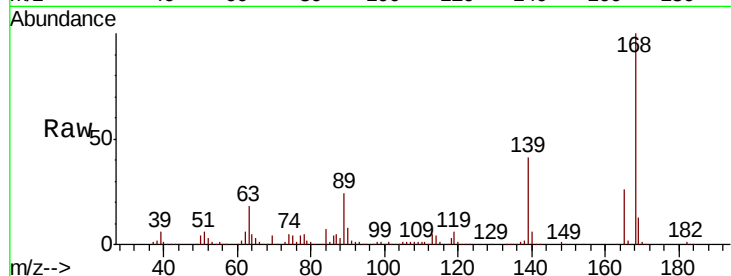




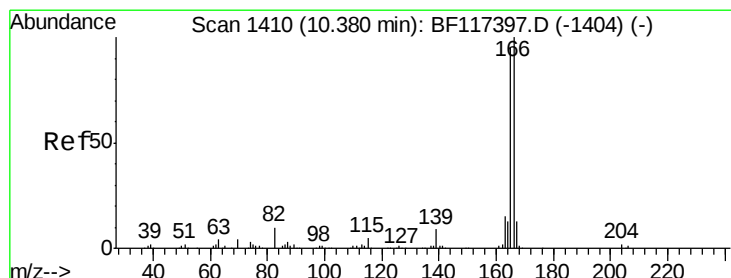
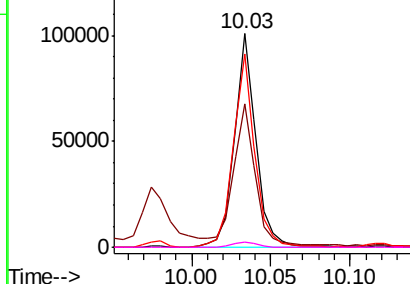
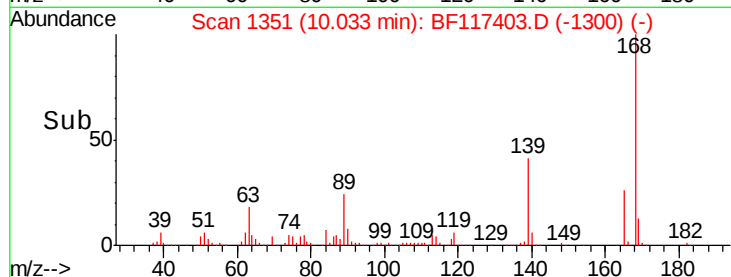
#57
2,4-Dinitrotoluene
Concen: 41.750 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 94851
Ion Ratio Lower Upper
165 100
63 67.0 51.0 76.4
89 90.7 70.7 106.1
182 2.3 2.1 3.1

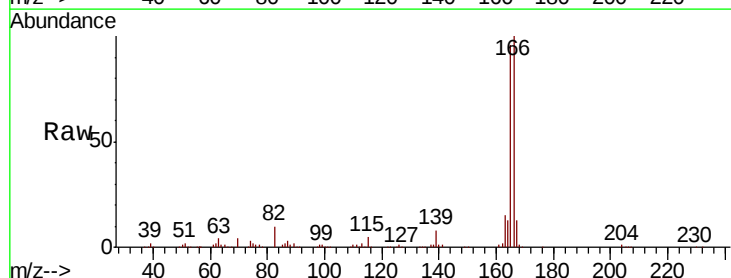


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

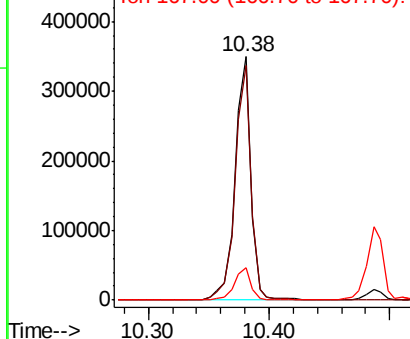
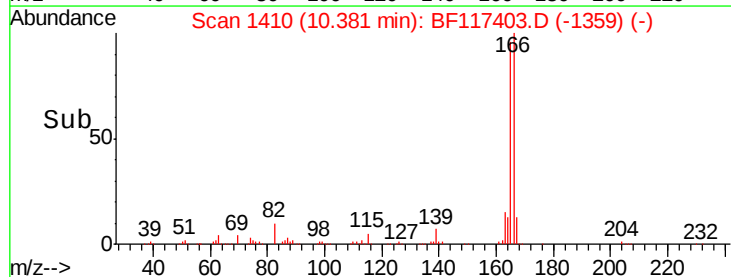


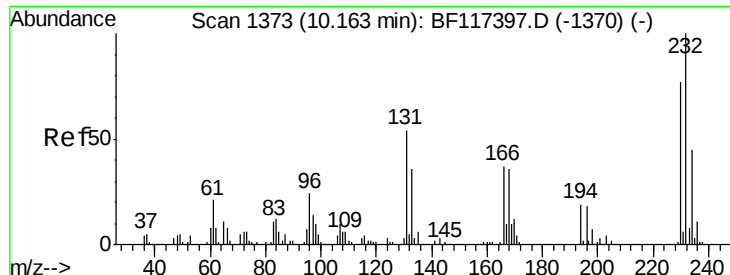
#58
Fluorene
Concen: 40.904 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:166 Resp: 321471
Ion Ratio Lower Upper
166 100
165 96.2 75.7 113.5
167 13.1 10.4 15.6



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

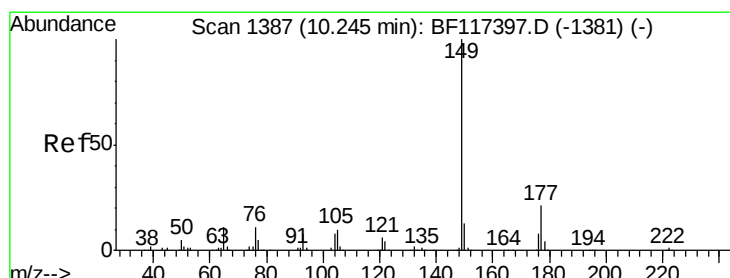
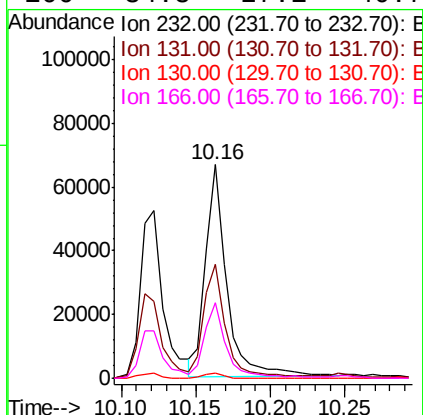
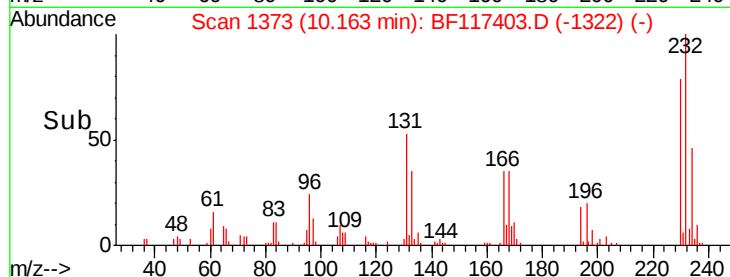
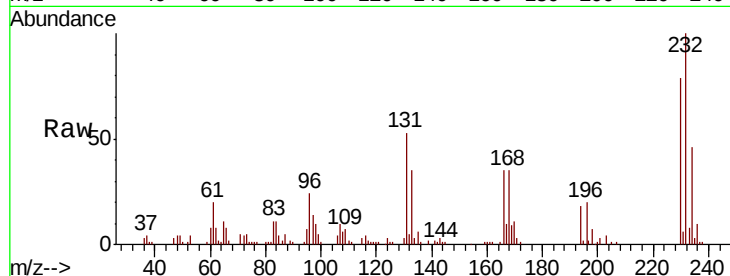




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.660 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

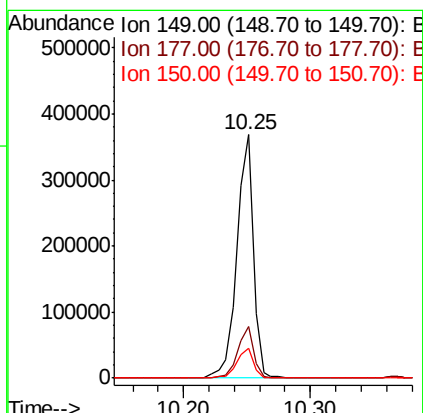
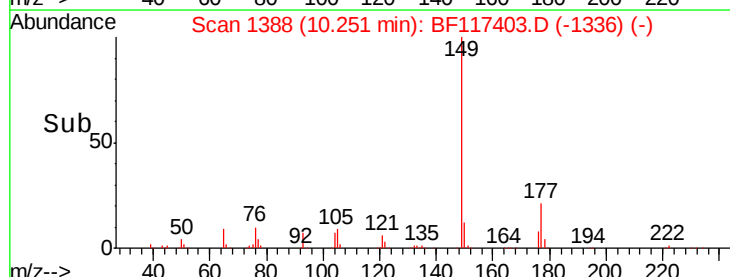
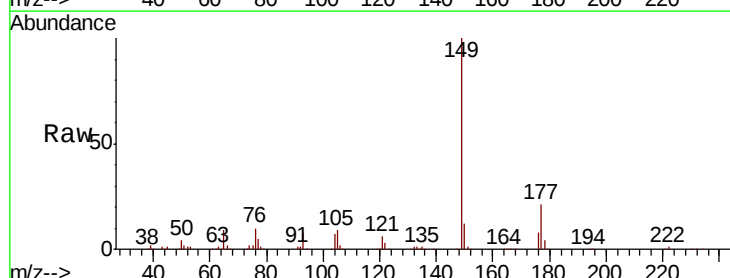
Instrument :
BNA_F
ClientSampleId :

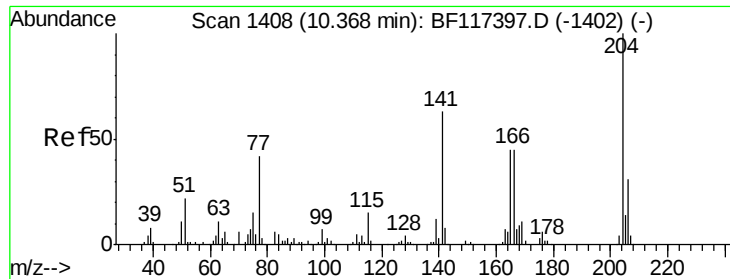
Tot Ion:232 Resp: 65351
Ion Ratio Lower Upper
232 100
131 53.3 44.5 66.7
130 2.3 2.0 3.0
166 34.8 27.1 40.7



#60
Diethylphthalate
Concen: 39.734 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:149 Resp: 328084
Ion Ratio Lower Upper
149 100
177 21.1 16.5 24.7
150 12.3 10.1 15.1

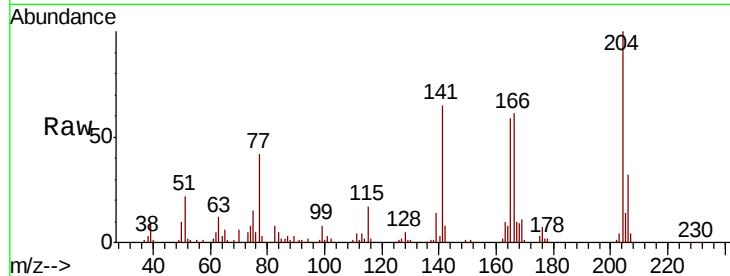




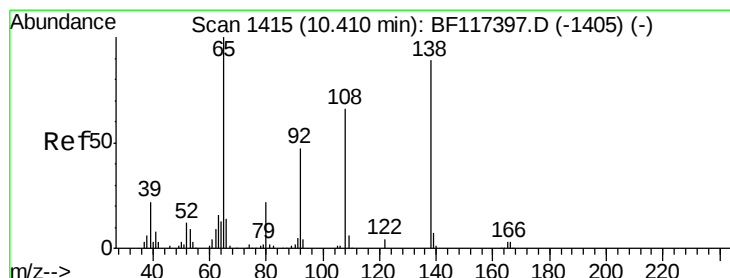
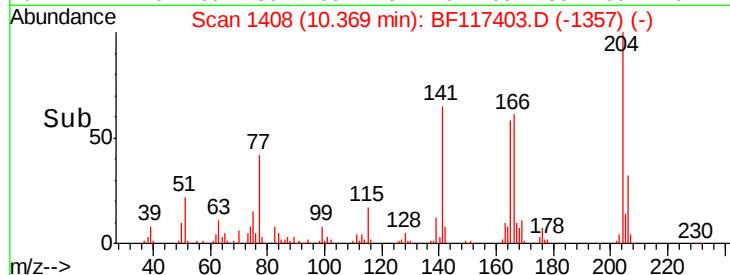
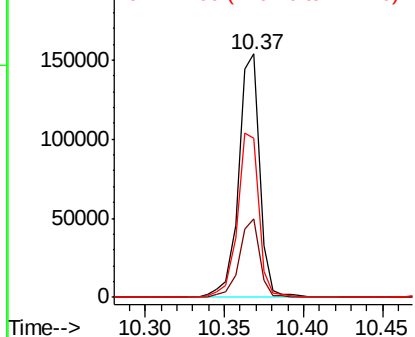
#61
4-Chlorophenyl-phenylether
Concen: 40.892 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 142285
Ion Ratio Lower Upper
204 100
206 32.3 25.0 37.4
141 65.3 50.7 76.1

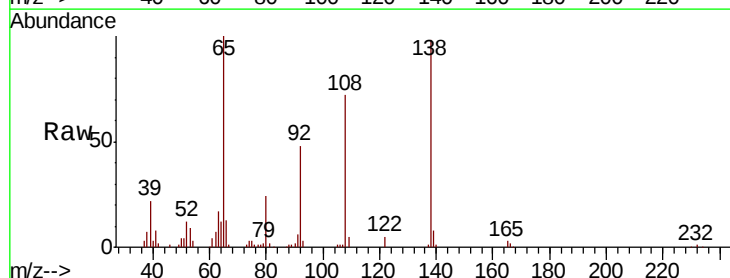


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

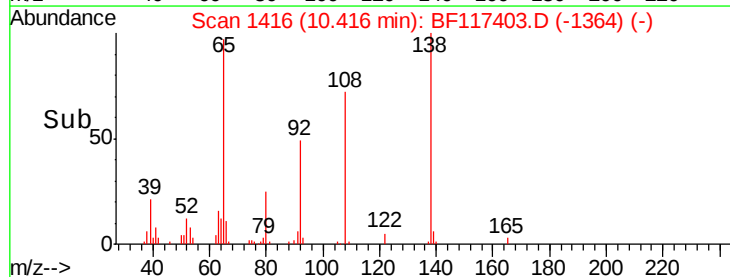
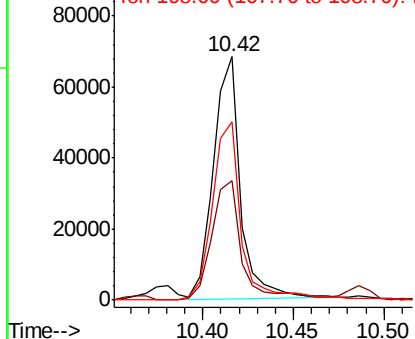


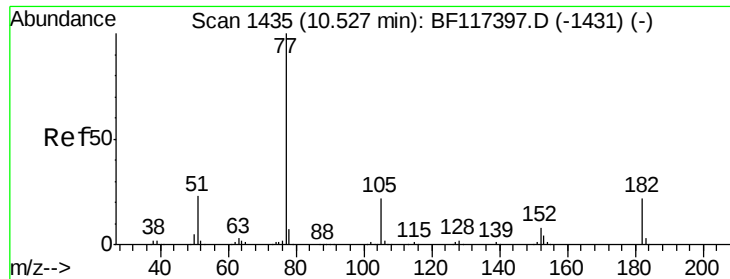
#62
4-Nitroaniline
Concen: 35.247 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:138 Resp: 70446
Ion Ratio Lower Upper
138 100
92 49.1 32.4 72.4
108 73.1 53.8 93.8



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





#63

Azobenzene

Concen: 41.095 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 348174

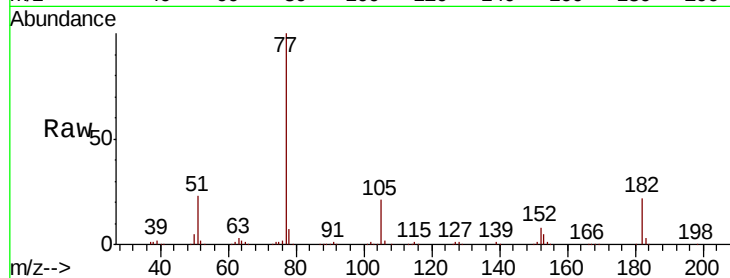
Ion Ratio Lower Upper

77 100

182 21.6 1.5 41.5

105 21.1 1.8 41.8

51 23.4 3.3 43.3

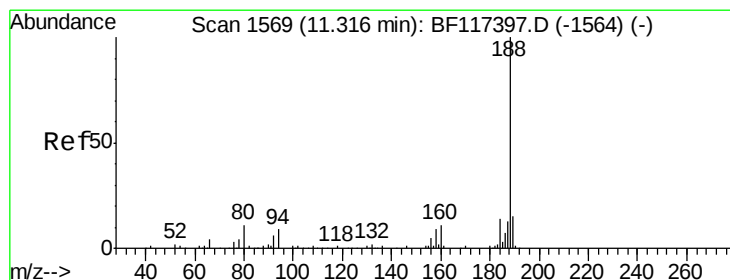
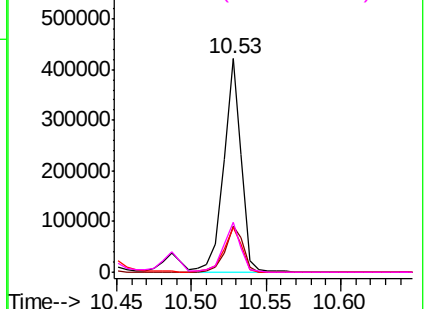
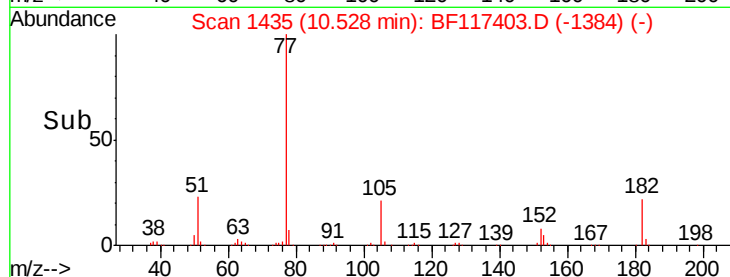


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF117403.D

Acq: 14 Oct 2019 17:26

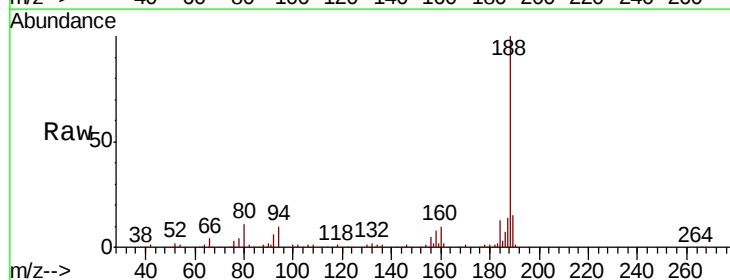
Tgt Ion: 188 Resp: 185456

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

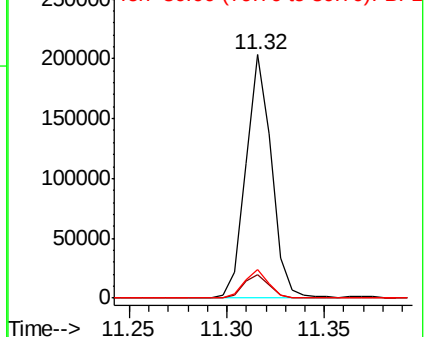
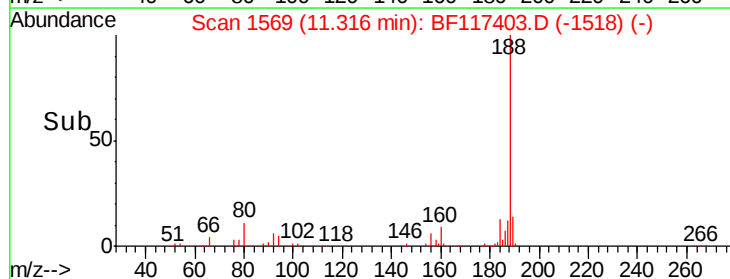
80 11.5 8.7 13.1

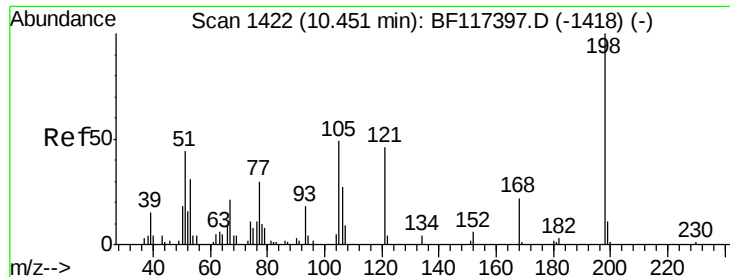


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

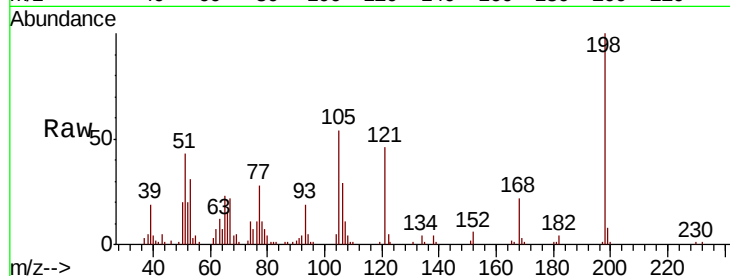




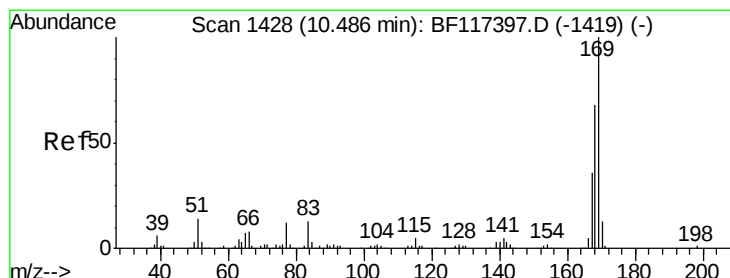
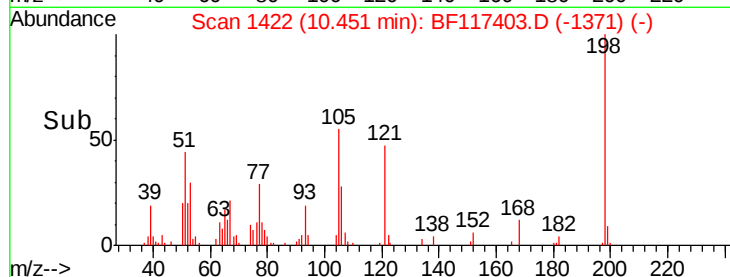
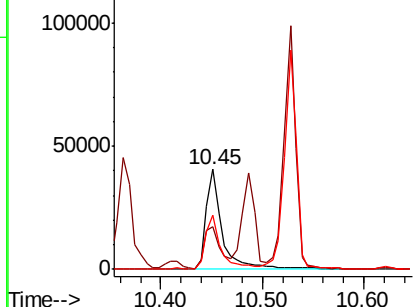
#65
4,6-Dinitro-2-methylphenol
Concen: 45.933 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.7	25.9	65.9
105	53.9	29.4	69.4

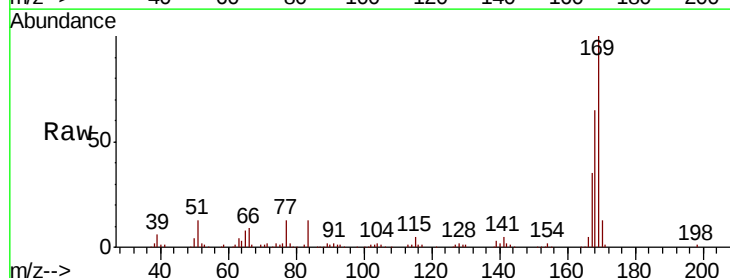


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

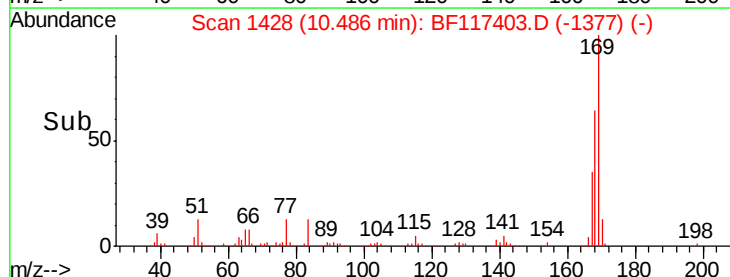
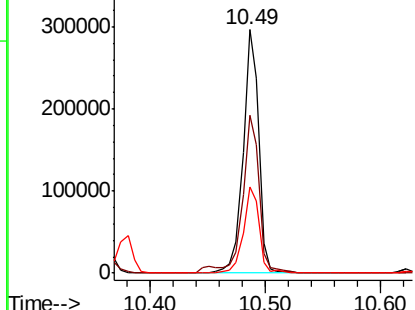


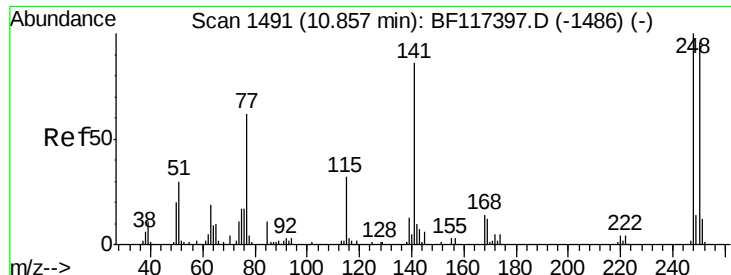
#66
n-Nitrosodiphenylamine
Concen: 40.408 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.8	54.1	81.1
167	35.4	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

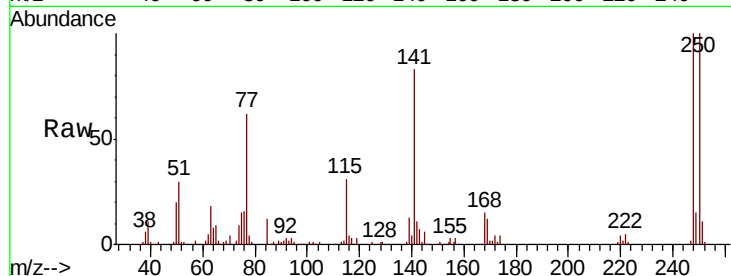




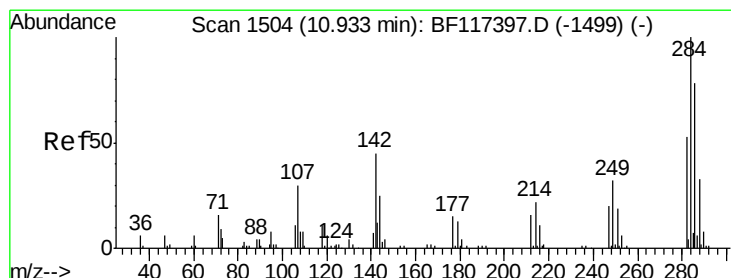
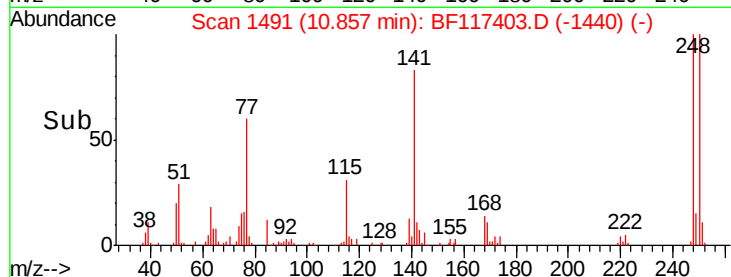
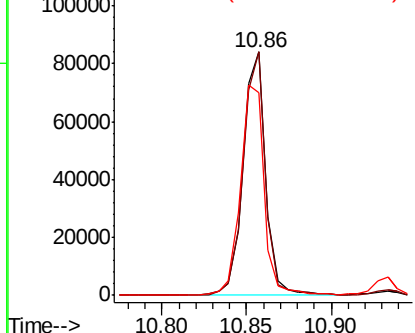
#67
4-Bromophenyl-phenylether
Concen: 38.613 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 78544
Ion Ratio Lower Upper
248 100
250 100.1 77.1 115.7
141 83.1 69.1 103.7

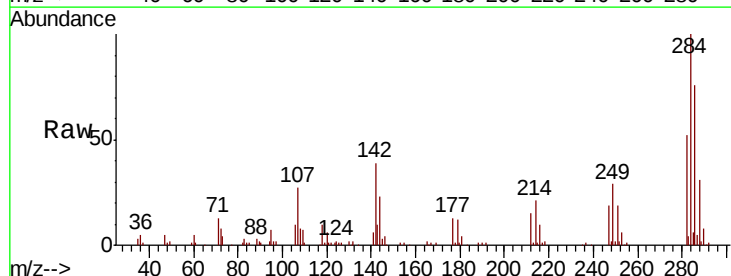


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

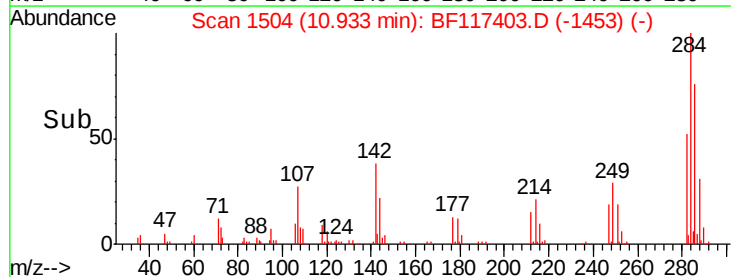
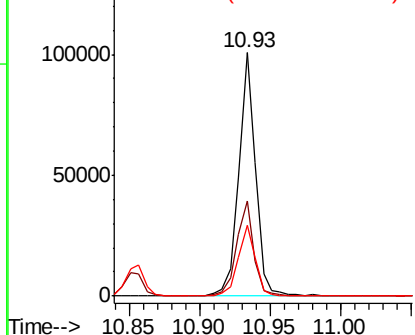


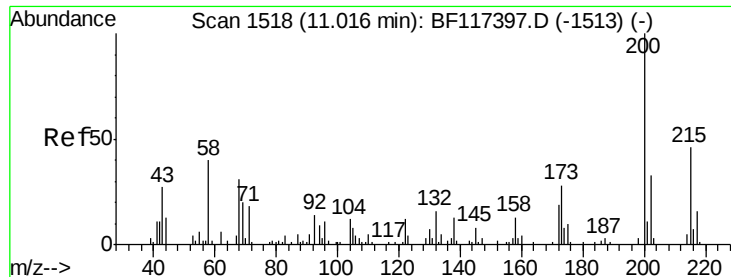
#68
Hexachlorobenzene
Concen: 38.222 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:284 Resp: 83498
Ion Ratio Lower Upper
284 100
142 39.2 35.7 53.5
249 29.2 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: 71.599 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

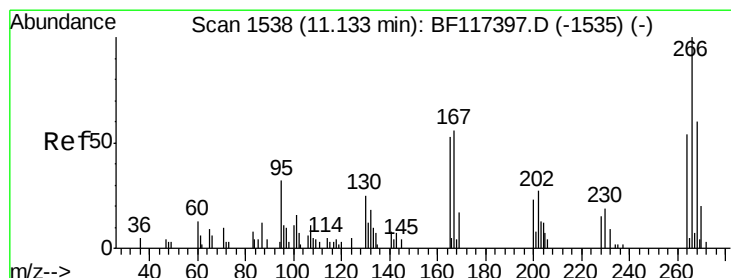
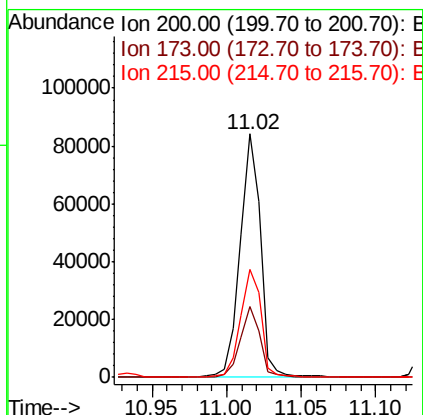
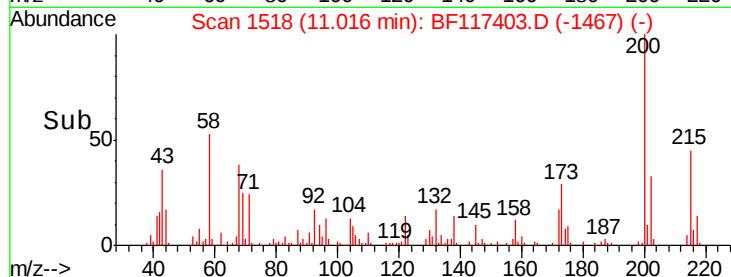
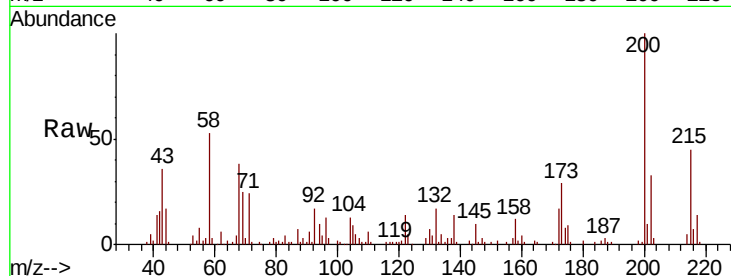
Tot Ion:200 Resp: 80435

Ion Ratio Lower Upper

200 100

173 29.1 8.0 48.0

215 44.6 25.8 65.8



#70

Pentachlorophenol

Concen: 98.405 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

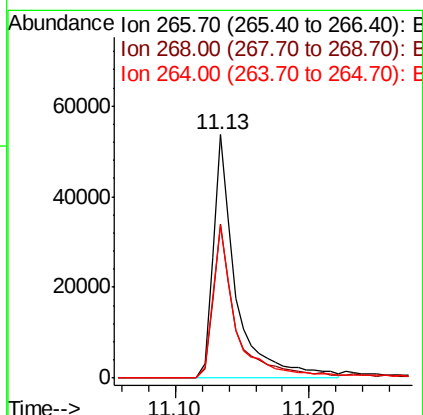
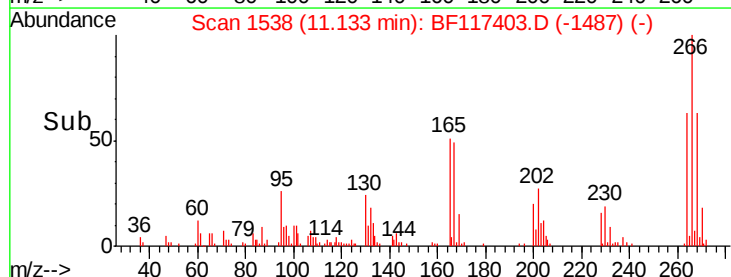
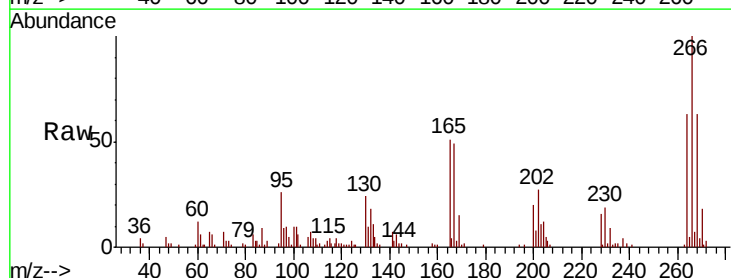
Tgt Ion:266 Resp: 64312

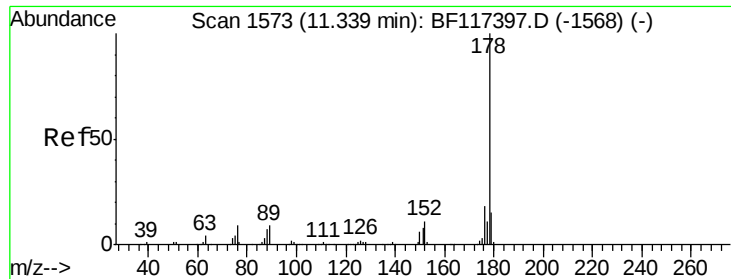
Ion Ratio Lower Upper

266 100

268 63.3 47.8 71.6

264 62.6 42.9 64.3





#71

Phenanthrene

Concen: 40.156 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

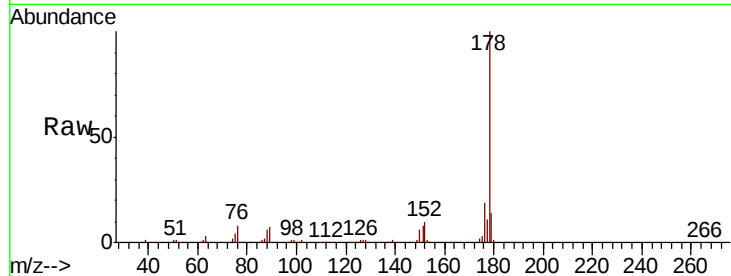
Tot Ion:178 Resp: 440237

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

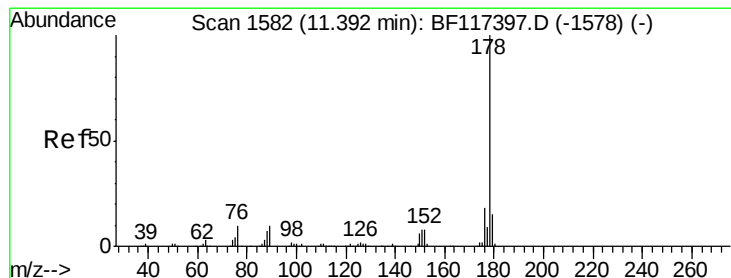
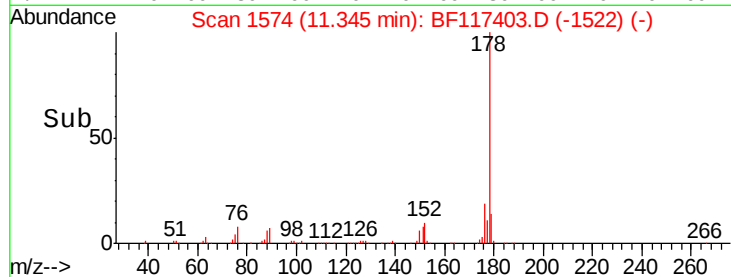
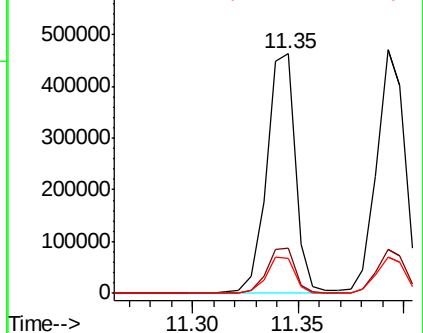
179 14.5 12.3 18.5



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: 40.930 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

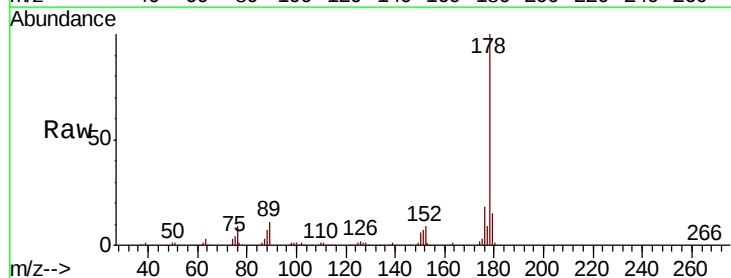
Tgt Ion:178 Resp: 463221

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

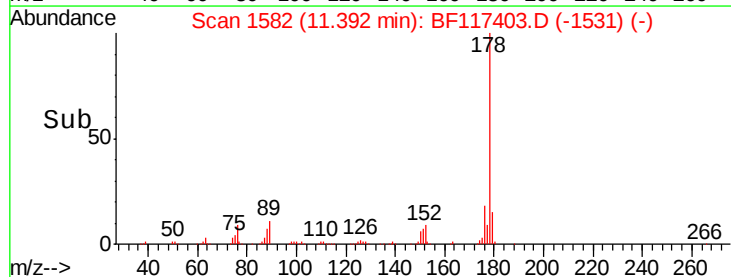
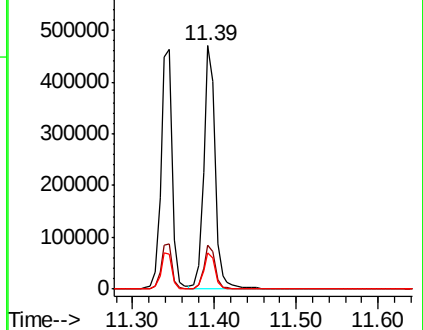
179 14.9 12.1 18.1

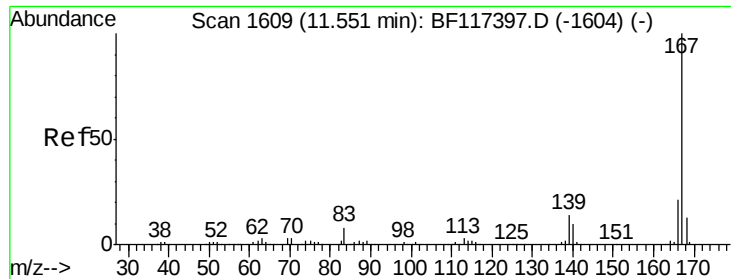


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

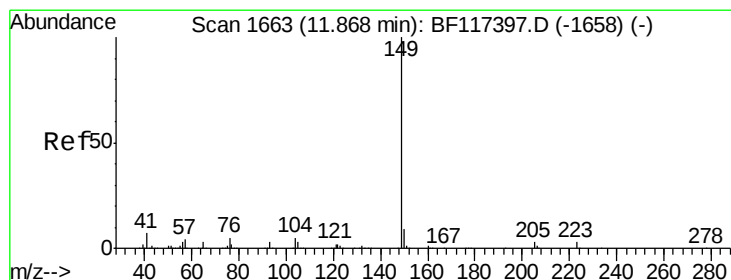
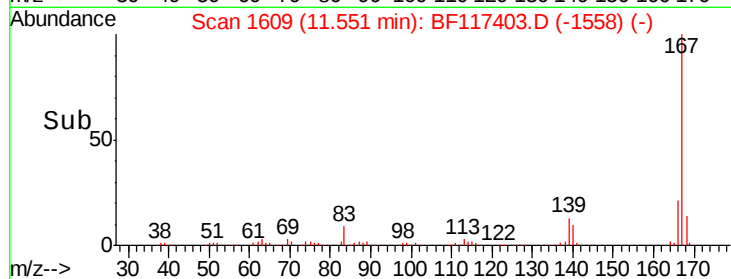
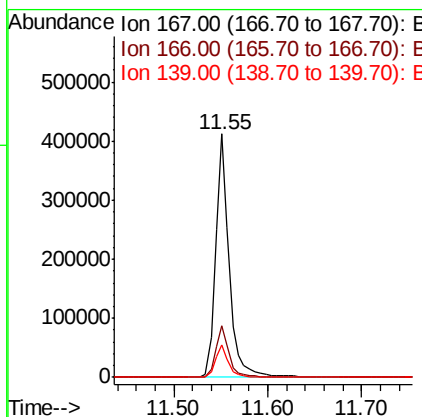
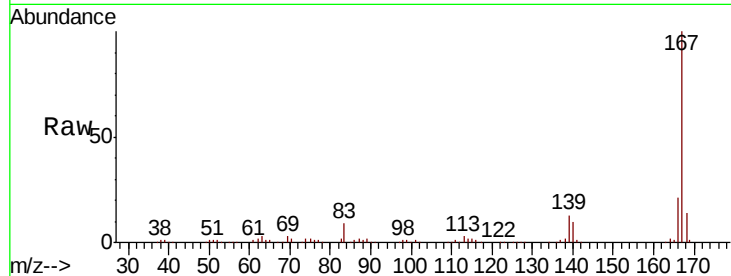




#73
 Carbazole
 Concen: 40.839 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

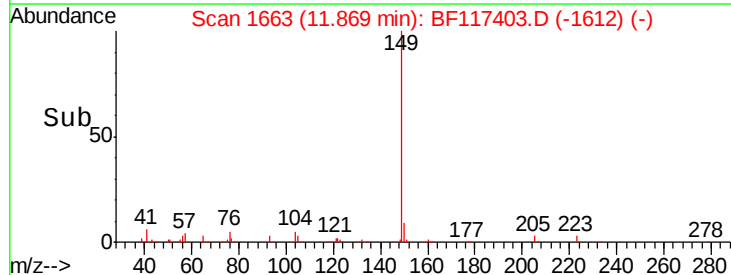
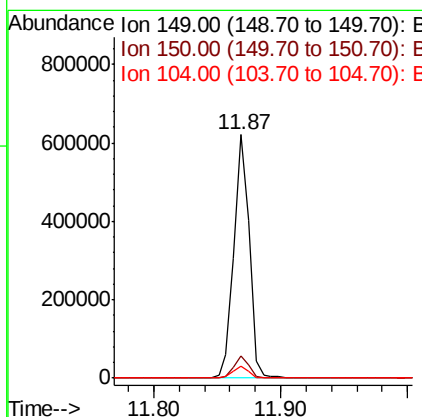
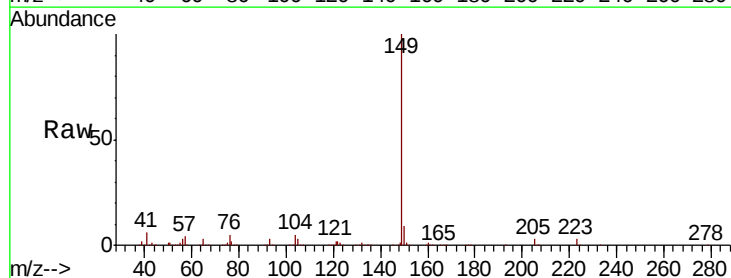
Instrument :
 BNA_F
 ClientSampleId :

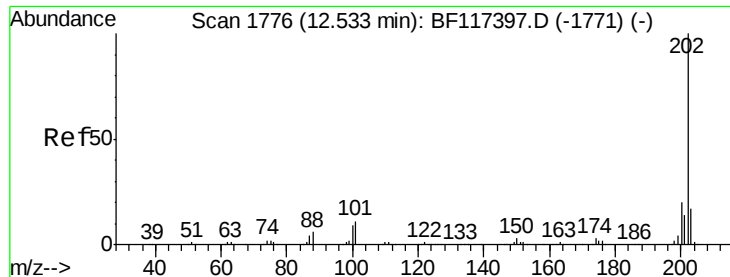
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	13.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 37.079 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.6
104	4.9	4.2	6.2

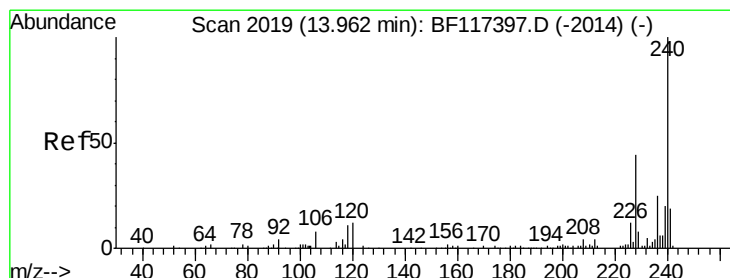
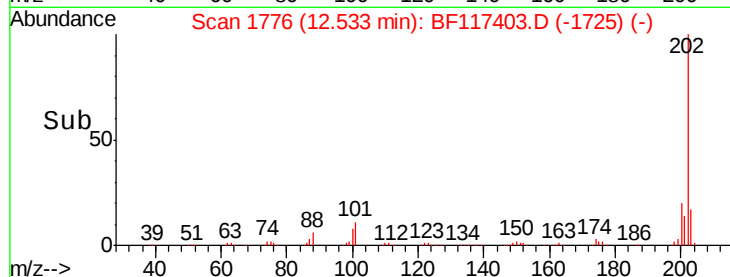
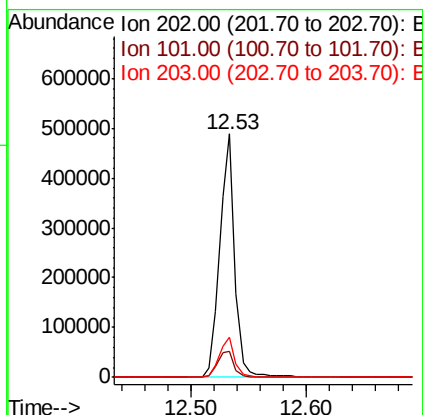
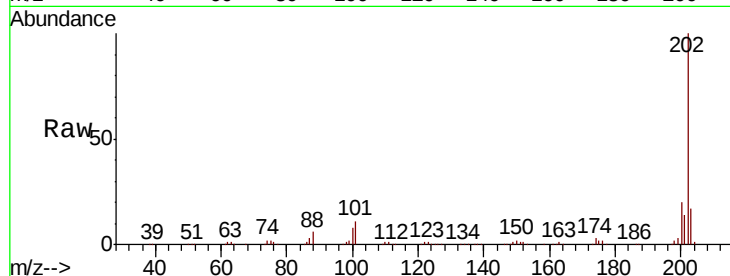




#75
 Fluoranthene
 Concen: 40.383 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

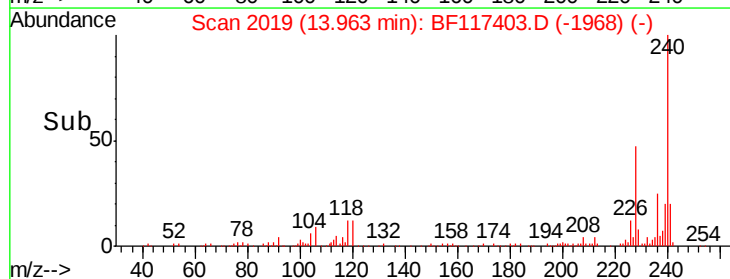
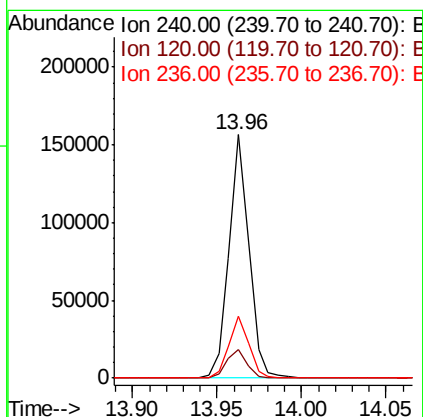
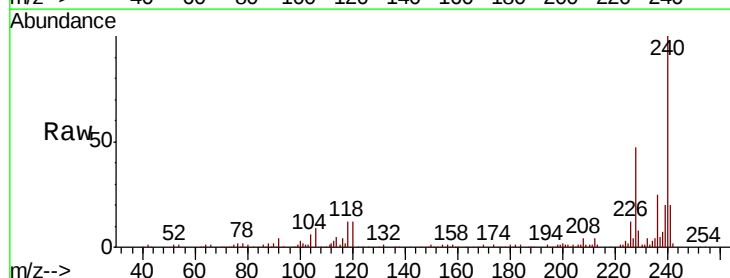
Instrument :
 BNA_F
 ClientSampleId :

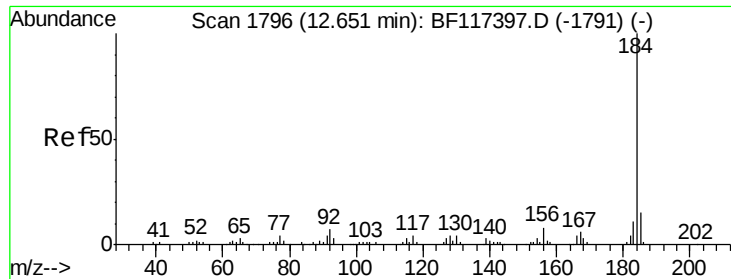
Tot Ion:202 Resp: 440221
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 31.3
 203 16.6 0.0 36.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117403.D
 Acq: 14 Oct 2019 17:26

Tgt Ion:240 Resp: 128739
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.4 14.0
 236 25.4 19.8 29.6





#77

Benzidine

Concen: 37.110 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

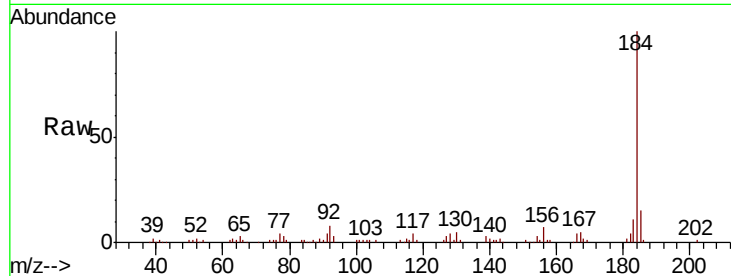
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 118159

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	10.6	8.9	13.3

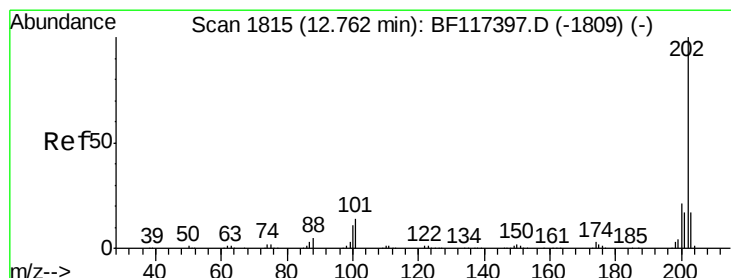
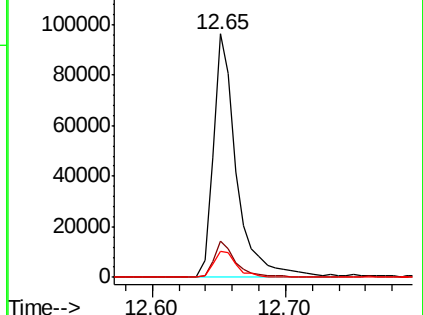
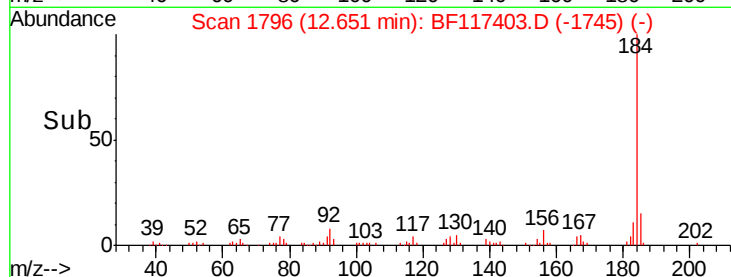


Abundance

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: 39.263 ng

RT: 12.76 min Scan# 1815

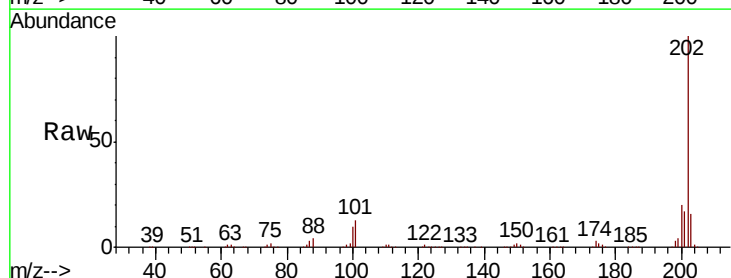
Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion:202 Resp: 446799

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	16.4	14.0	21.0

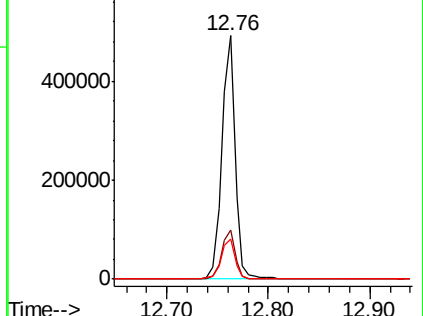
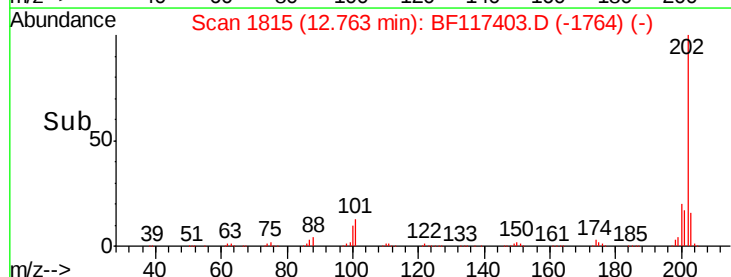


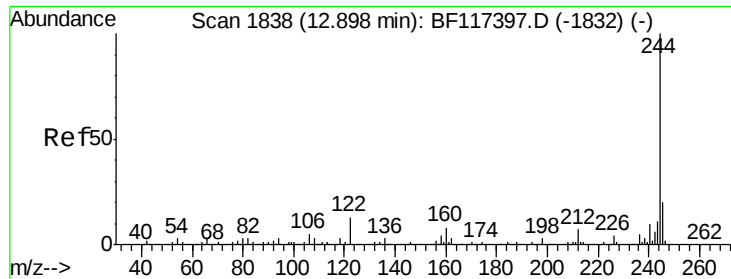
Abundance

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: 57.893 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

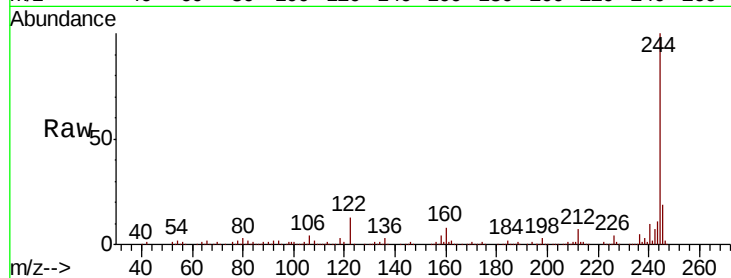
Tot Ion:244 Resp: 457199

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

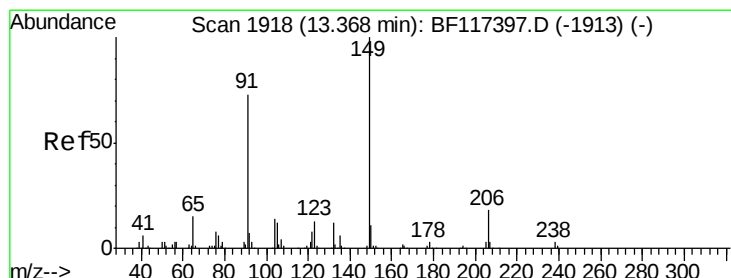
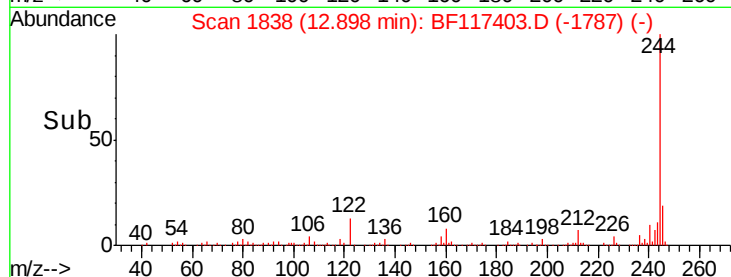
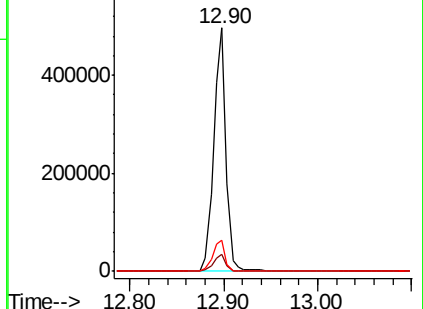
122 12.7 10.7 16.1



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: 35.783 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

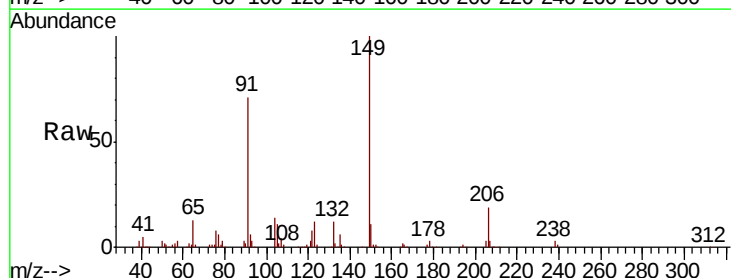
Tgt Ion:149 Resp: 204759

Ion Ratio Lower Upper

149 100

91 71.3 58.5 87.7

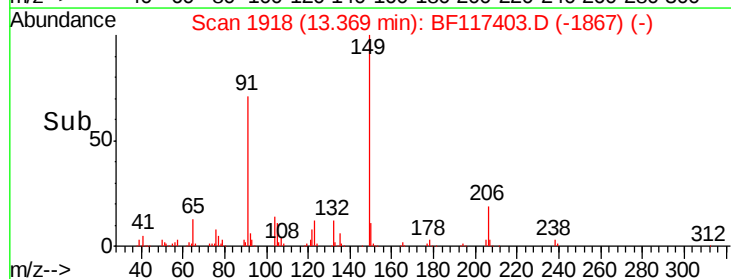
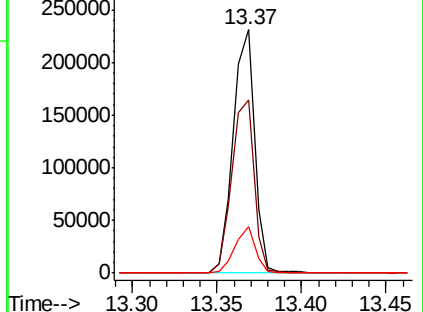
206 19.2 14.4 21.6

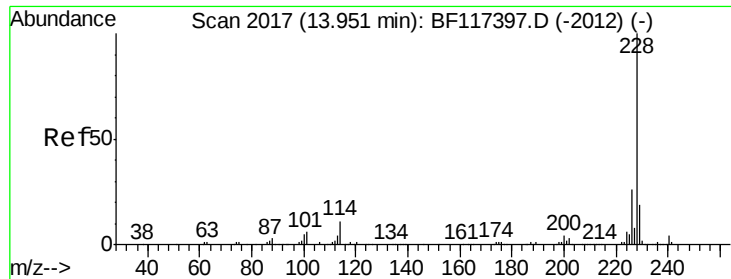


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

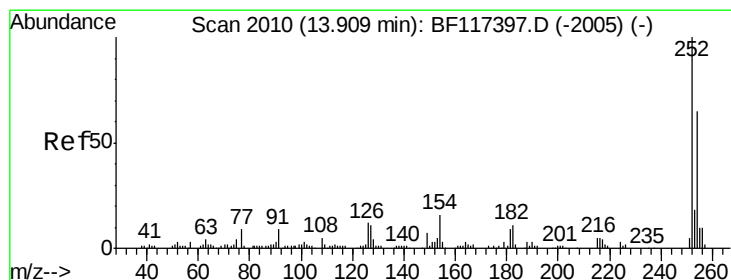
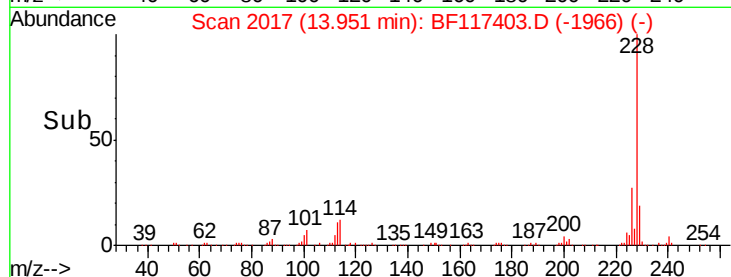
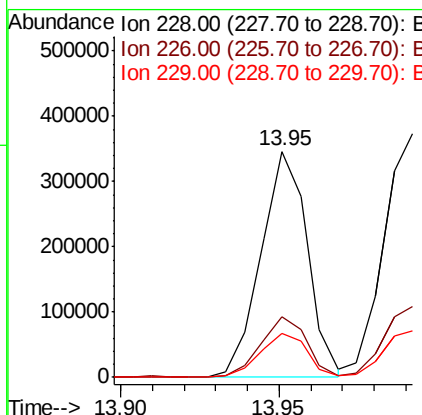
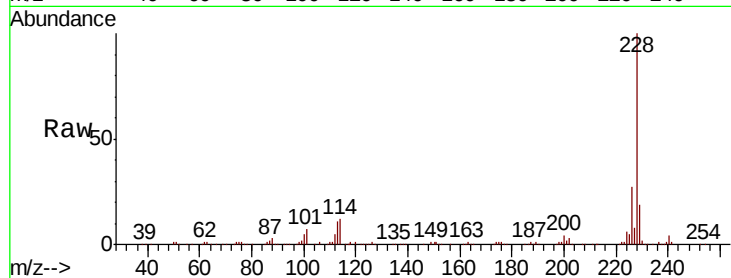




#81
Benzo(a)anthracene
Concen: 39.784 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

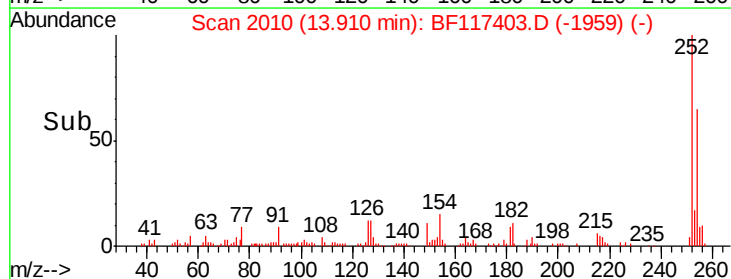
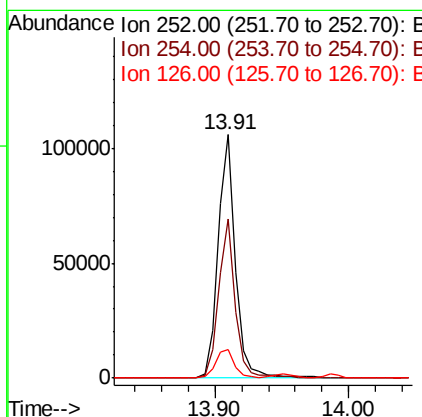
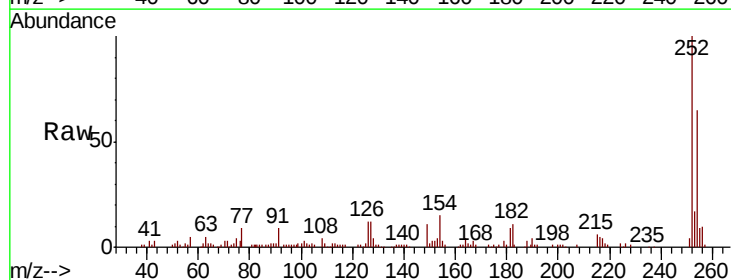
Instrument :
BNA_F
ClientSampleId :

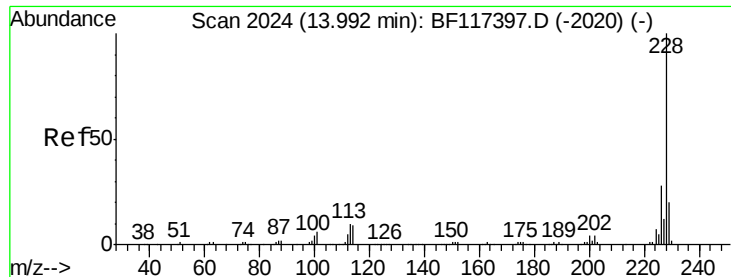
Tot Ion:228 Resp: 351420
Ion Ratio Lower Upper
228 100
226 26.7 20.9 31.3
229 19.2 15.2 22.8



#82
3,3'-Dichlorobenzidine
Concen: 34.729 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:252 Resp: 96993
Ion Ratio Lower Upper
252 100
254 65.2 51.6 77.4
126 11.8 9.6 14.4





#83

Chrysene

Concen: 39.149 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

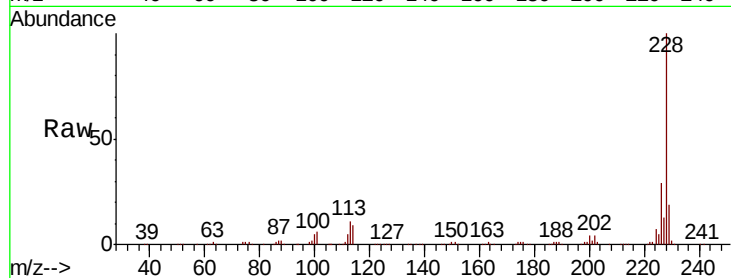
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 341027

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.8	34.2
229	19.2	15.7	23.5

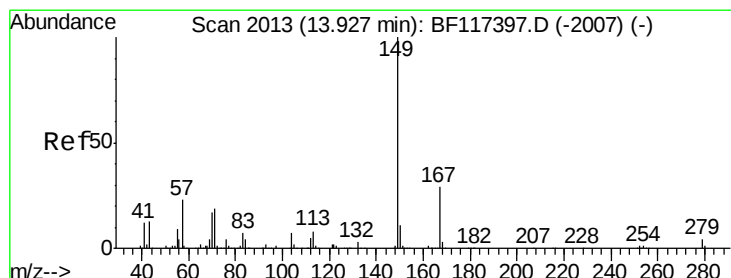
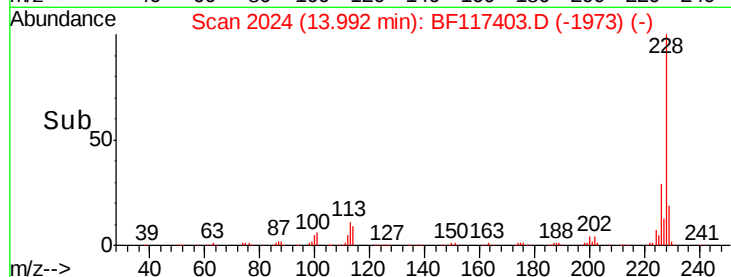
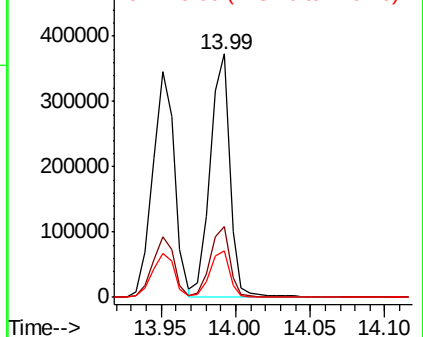


Abundance

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: 35.177 ng

RT: 13.93 min Scan# 2013

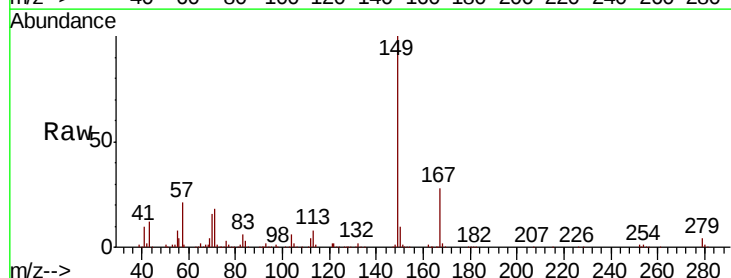
Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Tgt Ion:149 Resp: 283817

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.6
279	4.0	3.0	4.6

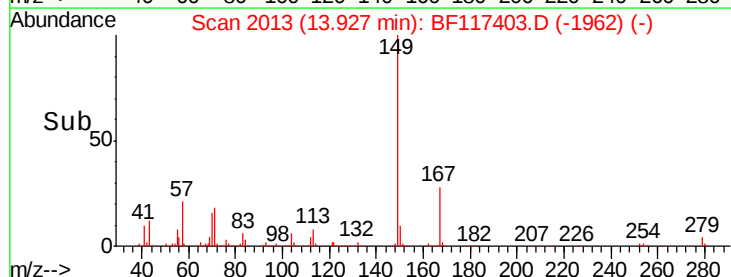
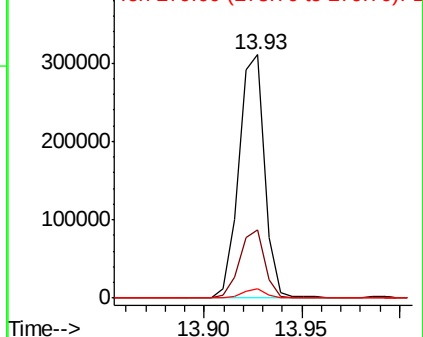


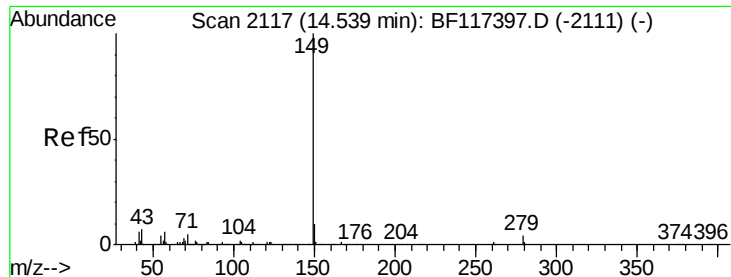
Abundance

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: 38.473 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

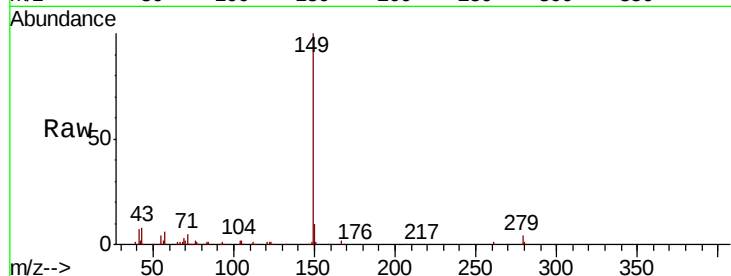
Tot Ion:149 Resp: 472577

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

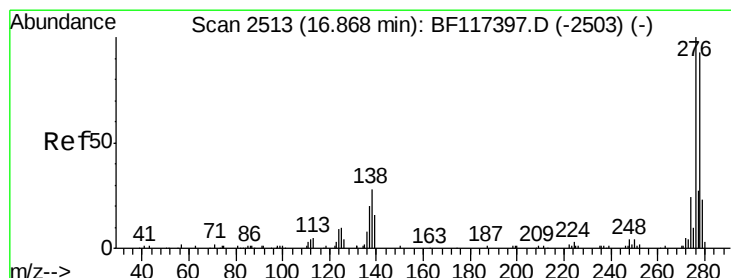
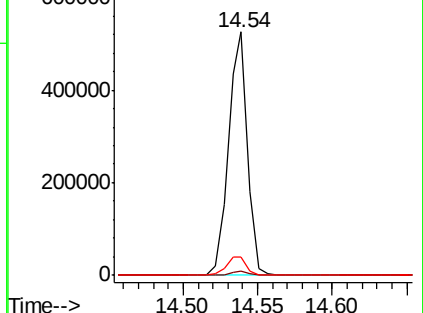
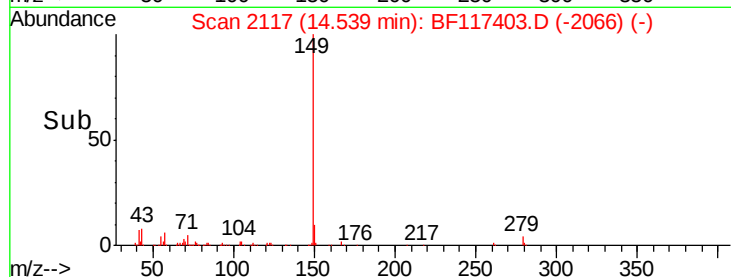
43 8.3 6.6 9.8



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: 37.258 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

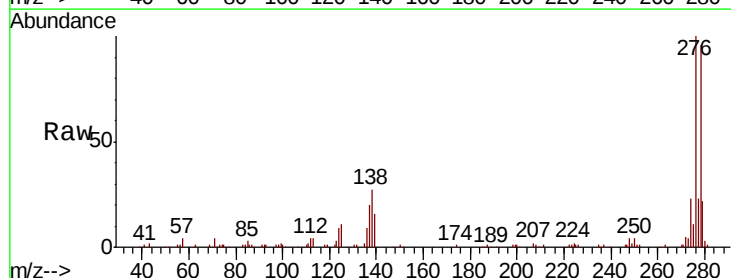
Tgt Ion:276 Resp: 226938

Ion Ratio Lower Upper

276 100

138 28.0 21.5 32.3

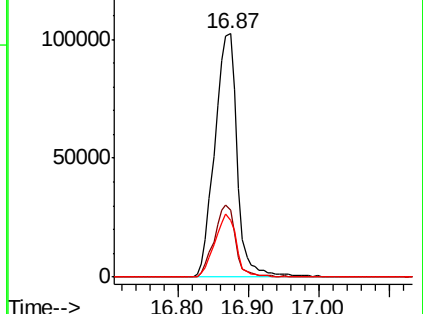
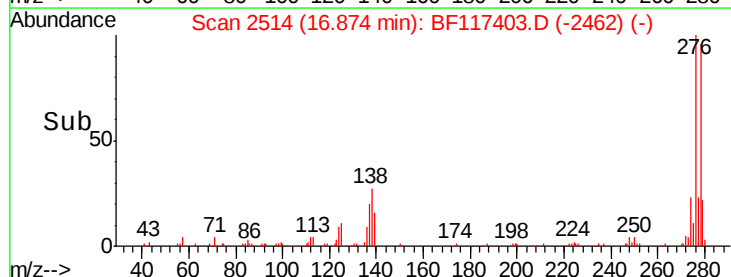
277 24.8 20.1 30.1

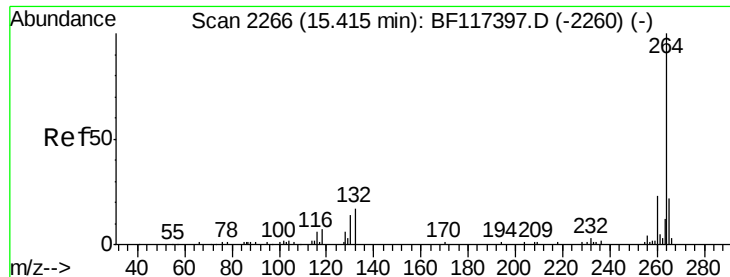


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

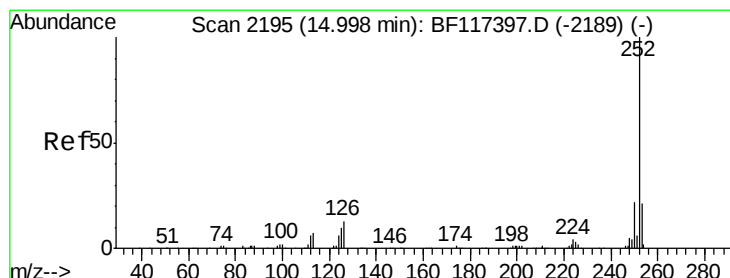
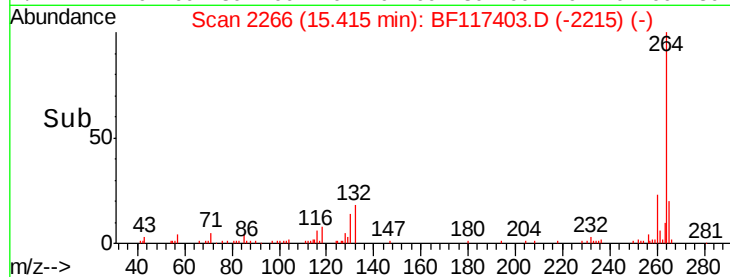
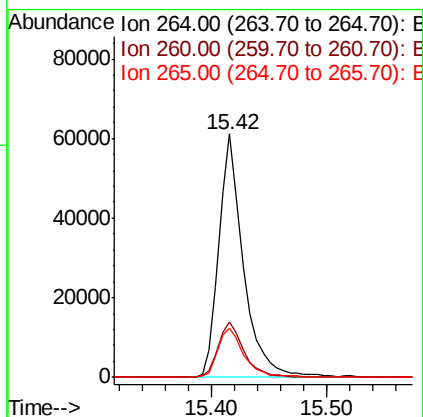
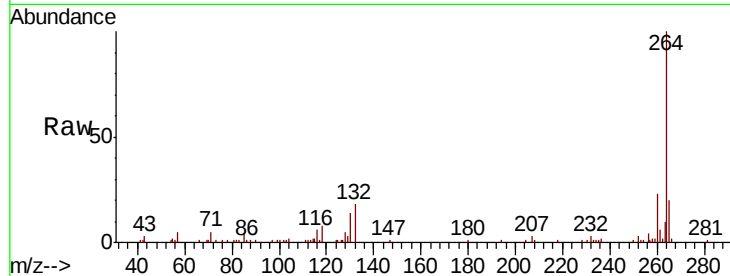




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

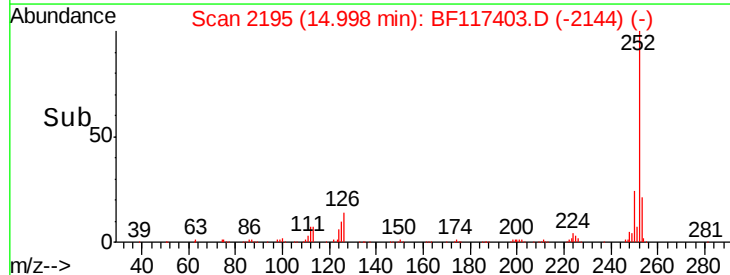
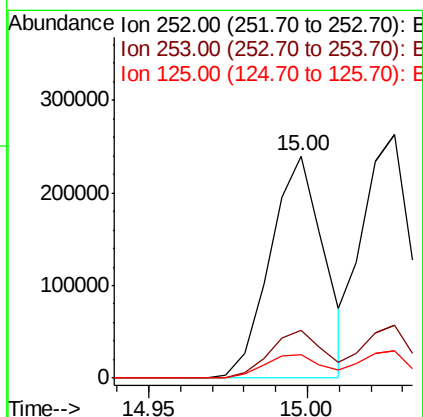
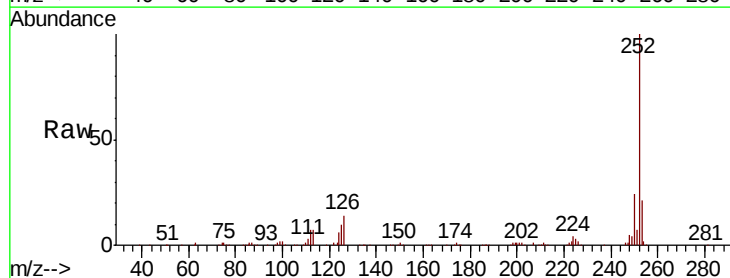
Instrument :
BNA_F
ClientSampleId :

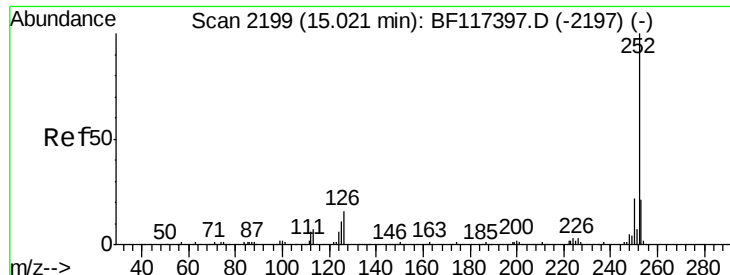
Tot Ion:264 Resp: 90408
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 20.4 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 50.089 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:252 Resp: 281917
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.5 8.2 12.2

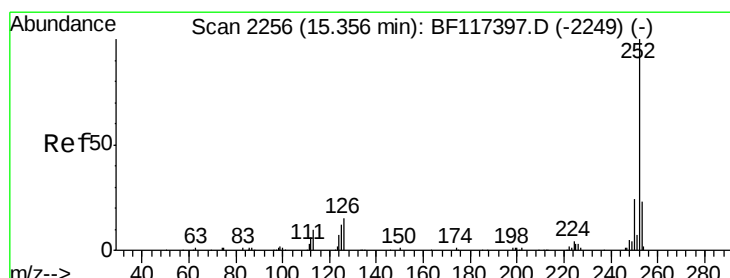
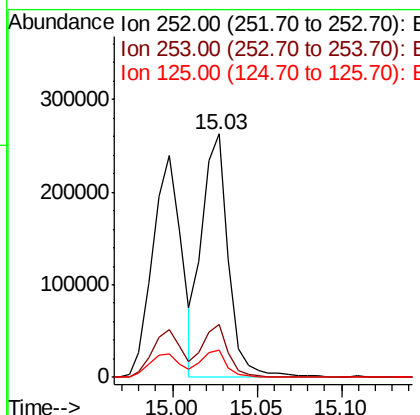
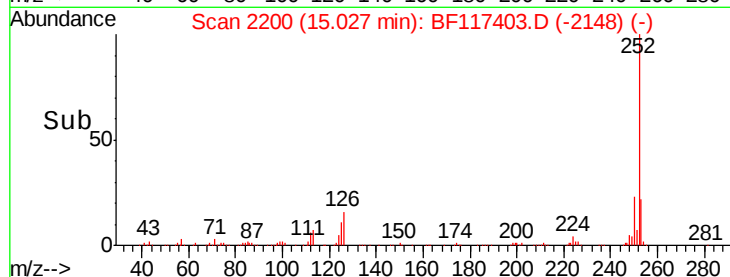
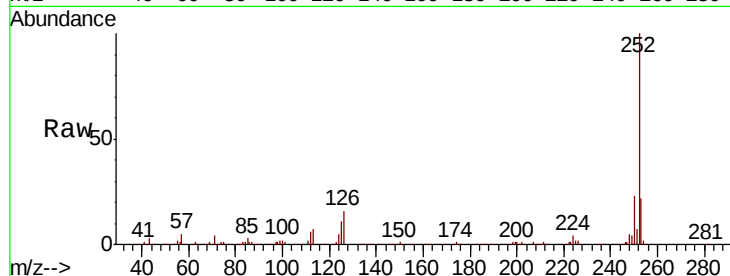




#89
Benzo(k)fluoranthene
Concen: 51.238 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

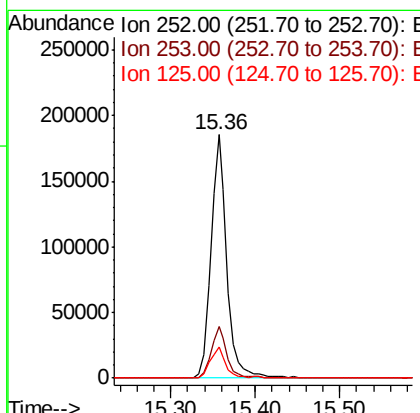
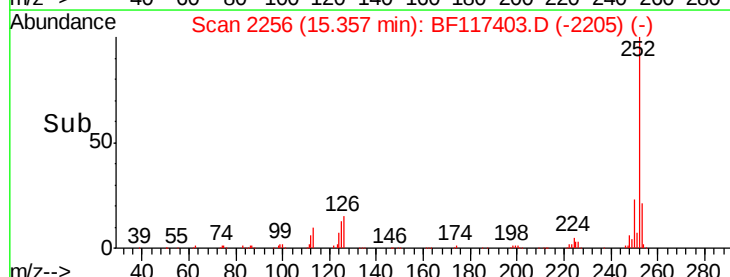
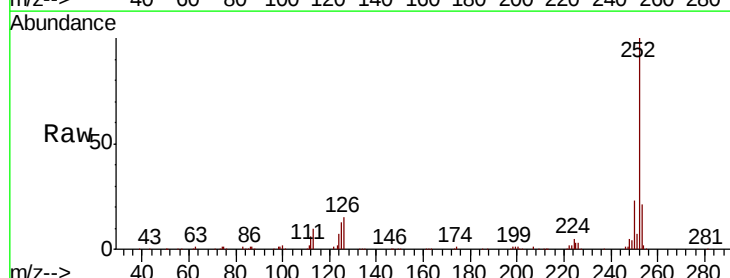
Instrument :
BNA_F
ClientSampleId :

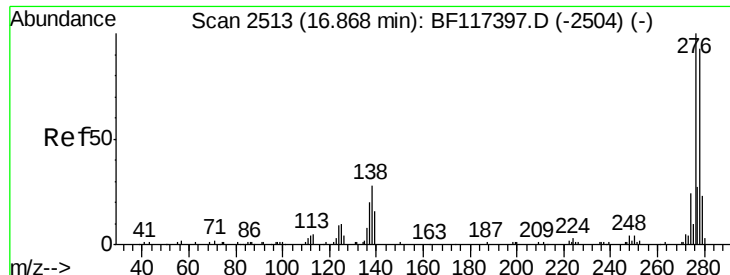
Tot Ion:252 Resp: 286594
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.1 9.4 14.2



#90
Benzo(a)pyrene
Concen: 49.287 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117403.D
Acq: 14 Oct 2019 17:26

Tgt Ion:252 Resp: 245645
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 12.8 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 46.122 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

Instrument :

BNA_F

ClientSampleId :

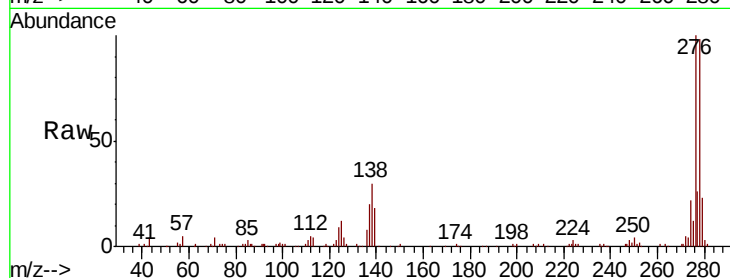
Tot Ion:278 Resp: 196974

Ion Ratio Lower Upper

278 100

139 18.7 14.1 21.1

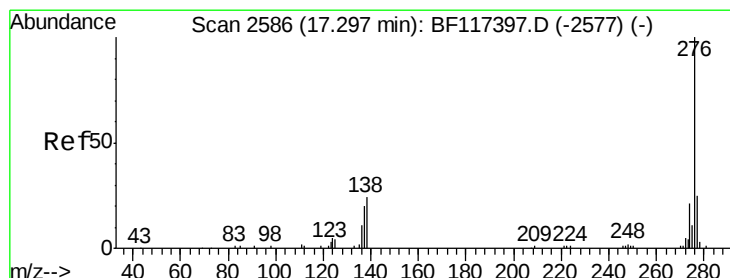
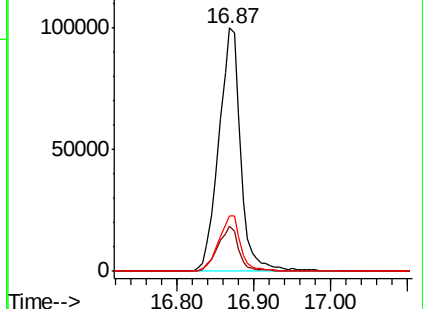
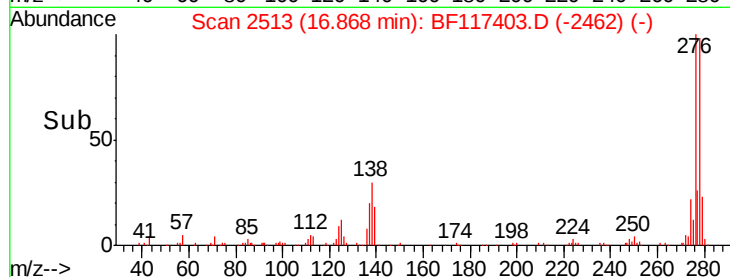
279 23.0 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.575 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF117403.D

Acq: 14 Oct 2019 17:26

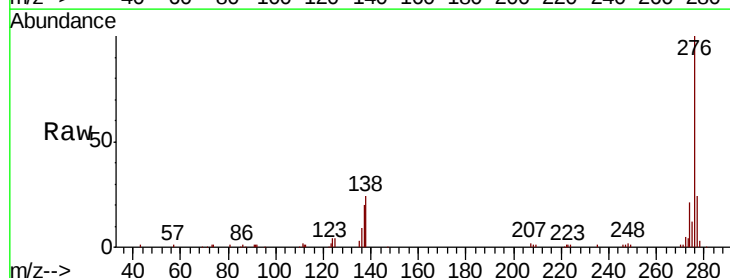
Tgt Ion:276 Resp: 185272

Ion Ratio Lower Upper

276 100

277 23.7 19.9 29.9

138 23.7 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

