

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
 Data File : BF117703.D
 Acq On : 6 Nov 2019 17:22
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 17:51:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	390354	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1480310	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	784123	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	1412274	20.00	ng	0.00
76) Chrysene-d12	14.13	240	950187	20.00	ng	0.00
87) Perylene-d12	15.63	264	899775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1675342	77.69	ng	0.00
7) Phenol-d6	6.56	99	2067635	77.76	ng	0.00
23) Nitrobenzene-d5	7.50	82	1987203	79.26	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	593094	77.32	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3348449	84.25	ng	0.00
79) Terphenyl-d14	13.07	244	3566859	77.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	420050	39.093	ng	99
3) Pyridine	3.52	79	1139765	38.564	ng	99
4) n-Nitrosodimethylamine	3.48	42	506407	38.881	ng	100
6) Aniline	6.60	93	1432249	38.381	ng	100
8) 2-Chlorophenol	6.72	128	944617	39.376	ng	98
9) Benzaldehyde	6.49	77	762971	41.239	ng	97
10) Phenol	6.57	94	1122975	39.194	ng	98
11) bis(2-Chloroethyl)ether	6.67	93	925900	39.134	ng	99
12) 1,3-Dichlorobenzene	6.88	146	1097549	39.469	ng	97
13) 1,4-Dichlorobenzene	6.96	146	1093215	39.273	ng	98
14) 1,2-Dichlorobenzene	7.11	146	1020200	39.805	ng	99
15) Benzyl Alcohol	7.07	79	833636	39.320	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	1452821	38.837	ng	99
17) 2-Methylphenol	7.18	107	801664	38.909	ng	99
18) Hexachloroethane	7.46	117	409186	39.768	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	676313	38.683	ng	98
20) 3+4-Methylphenols	7.33	107	972322	39.632	ng	98
22) Acetophenone	7.35	105	1307454	38.644	ng	# 96
24) Nitrobenzene	7.52	77	1032632	39.440	ng	98
25) Isophorone	7.76	82	1809852	37.740	ng	99
26) 2-Nitrophenol	7.84	139	485166	39.915	ng	94
27) 2,4-Dimethylphenol	7.87	122	779033	38.010	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	1179441	38.314	ng	100
29) 2,4-Dichlorophenol	8.07	162	808806	38.304	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	939767	38.877	ng	99
31) Naphthalene	8.25	128	2645573	39.100	ng	99
32) Benzoic acid	7.98	122	643453	39.661	ng	98
33) 4-Chloroaniline	8.29	127	1182311	37.605	ng	98
34) Hexachlorobutadiene	8.37	225	540720	39.062	ng	99
35) Caprolactam	8.67	113	264086	37.734	ng	86
36) 4-Chloro-3-methylphenol	8.76	107	811531	38.087	ng	99
37) 2-Methylnaphthalene	8.94	142	1793480	38.935	ng	100
38) 1-Methylnaphthalene	9.04	142	1703248	38.937	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	842251	39.263	ng	100

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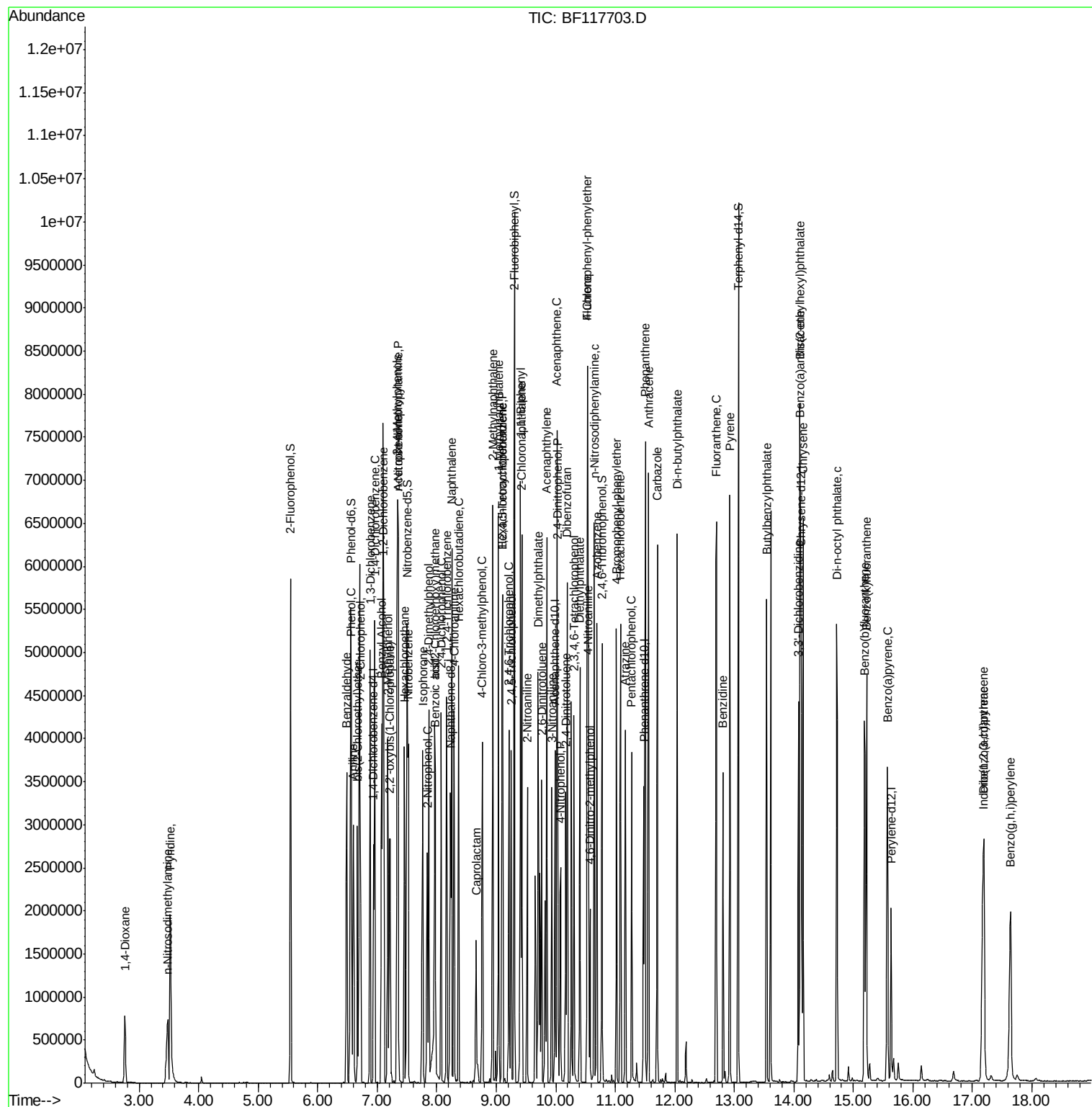
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	438419	37.884	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	599124	38.347	nq	99
44) 2,4,5-Trichlorophenol	9.25	196	612836	38.698	nq	96
46) 1,1'-Biphenyl	9.40	154	2168398	39.485	nq	99
47) 2-Chloronaphthalene	9.43	162	1785966	39.189	nq	98
48) 2-Nitroaniline	9.52	65	555921	38.926	nq	98
49) Acenaphthylene	9.85	152	2603494	39.227	nq	99
50) Dimethylphthalate	9.70	163	2039270	38.470	nq	100
51) 2,6-Dinitrotoluene	9.76	165	460681	38.810	nq	95
52) Acenaphthene	10.02	154	1663174	38.835	nq	99
53) 3-Nitroaniline	9.93	138	557543	38.933	nq	99
54) 2,4-Dinitrophenol	10.03	184	162816	40.010	nq	# 75
55) Dibenzofuran	10.19	168	2338678	39.025	nq	99
56) 4-Nitrophenol	10.08	139	419200	38.924	nq	91
57) 2,4-Dinitrotoluene	10.17	165	601517	39.504	nq	96
58) Fluorene	10.54	166	1696641	38.414	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	510128	38.750	nq	99
60) Diethylphthalate	10.41	149	2036773	39.070	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	896156	38.977	nq	98
62) 4-Nitroaniline	10.55	138	530192	37.616	nq	97
63) Azobenzene	10.69	77	1915644	38.797	nq	96
65) 4,6-Dinitro-2-methylphenol	10.57	198	220695	39.135	nq	95
66) n-Nitrosodiphenylamine	10.65	169	1623489	38.922	nq	100
67) 4-Bromophenyl-phenylether	11.02	248	592373	38.407	nq	96
68) Hexachlorobenzene	11.09	284	696819	39.109	nq	98
69) Atrazine	11.17	200	521768	37.960	nq	98
70) Pentachlorophenol	11.27	266	390144	39.169	nq	98
71) Phenanthrene	11.50	178	2636951	38.955	nq	99
72) Anthracene	11.56	178	2645670	39.284	nq	99
73) Carbazole	11.70	167	2385252	38.743	nq	100
74) Di-n-butylphthalate	12.04	149	2949234	39.396	nq	99
75) Fluoranthene	12.70	202	2675059	38.701	nq	97
77) Benzidine	12.81	184	1180871	35.746	nq	# 95
78) Pyrene	12.93	202	2699580	38.920	nq	100
80) Butylbenzylphthalate	13.54	149	1263942	39.450	nq	94
81) Benzo(a)anthracene	14.12	228	2311619	39.084	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	847861	38.383	nq	99
83) Chrysene	14.16	228	2273673	38.927	nq	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1638399	39.644	nq	99
85) Di-n-octyl phthalate	14.72	149	2618802	40.268	nq	100
86) Indeno(1,2,3-cd)pyrene	17.17	276	2009156	36.958	nq	100
88) Benzo(b)fluoranthene	15.19	252	2172642	38.339	nq	98
89) Benzo(k)fluoranthene	15.22	252	2014456	39.856	nq	100
90) Benzo(a)pyrene	15.57	252	1870247	38.071	nq	99
91) Dibenzo(a,h)anthracene	17.20	278	1648069	37.406	nq	99
92) Benzo(g,h,i)perylene	17.64	276	1595455	37.366	nq	100

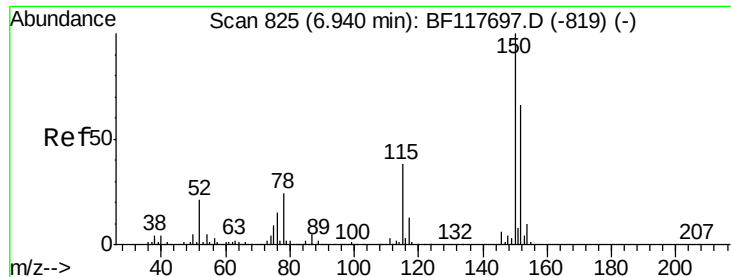
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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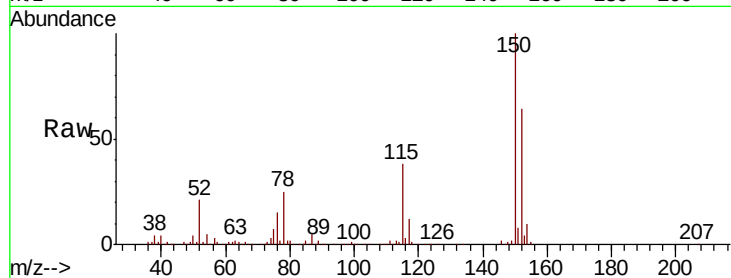


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	121.4	182.2
115	59.8	46.7	70.1

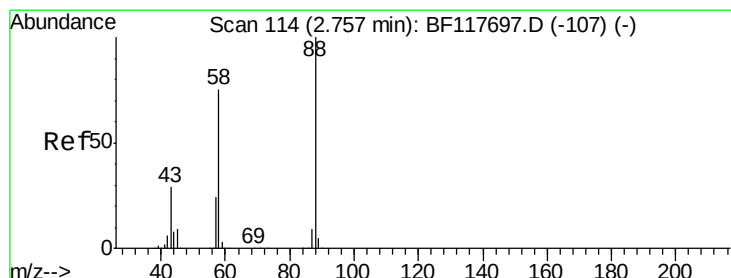
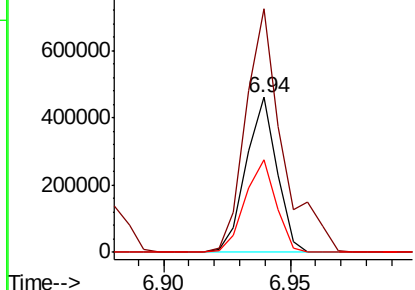
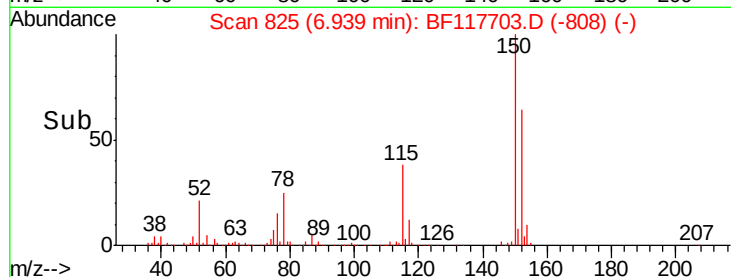


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

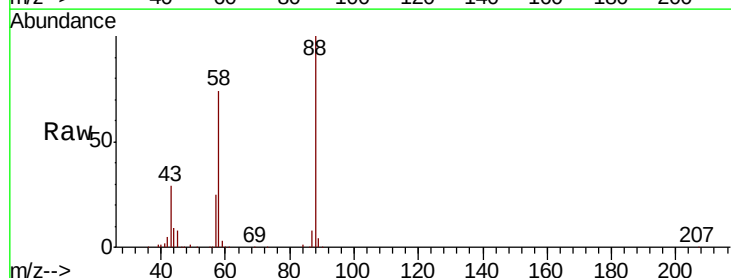
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.093 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	60.1	90.1
43	29.0	24.0	36.0

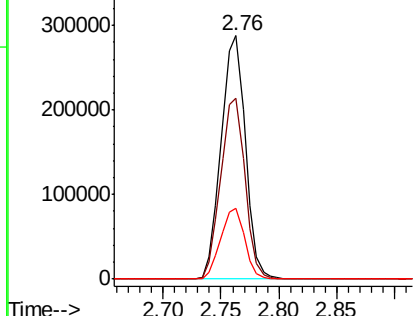
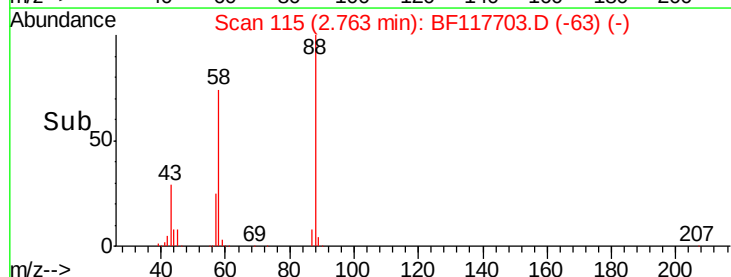


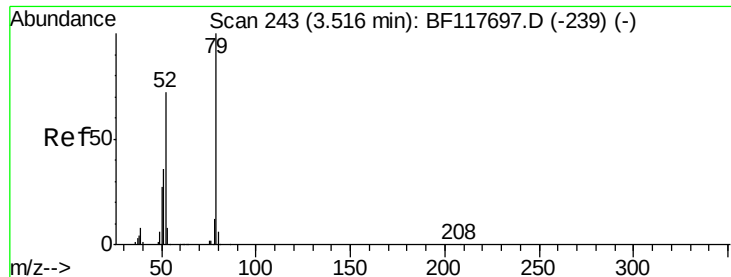
Abundance

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: 38.564 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

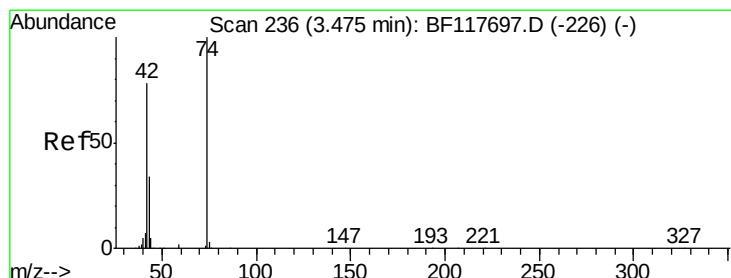
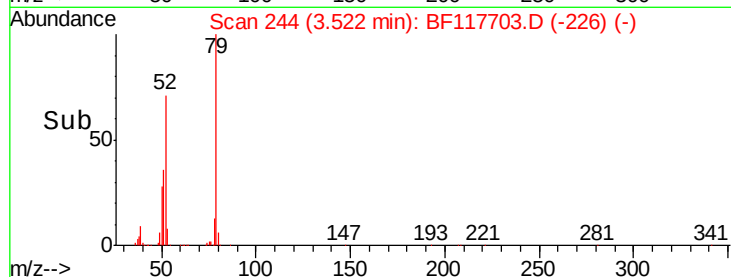
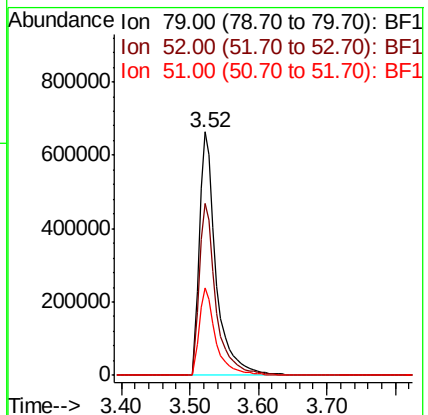
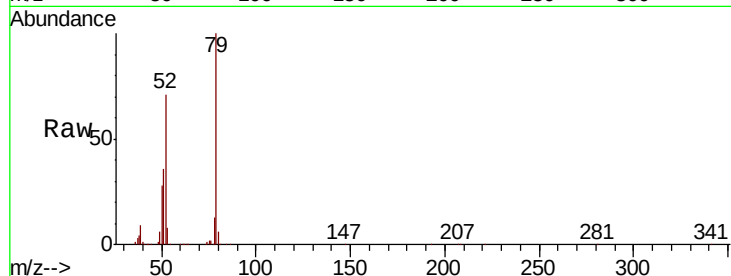
Tot Ion: 79 Resp: 1139765

Ion Ratio Lower Upper

79 100

52 70.5 57.2 85.8

51 36.1 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 38.881 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

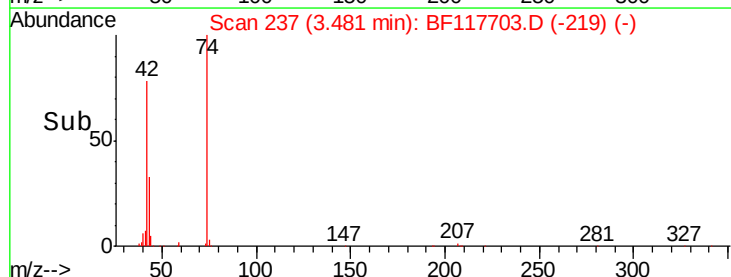
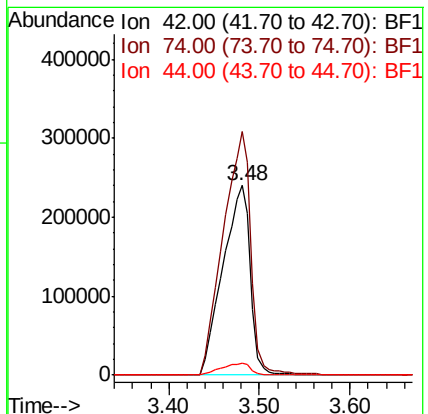
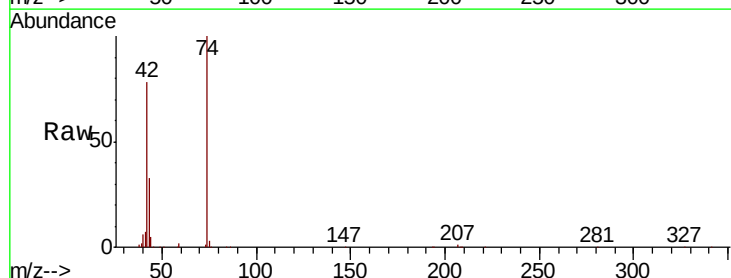
Tgt Ion: 42 Resp: 506407

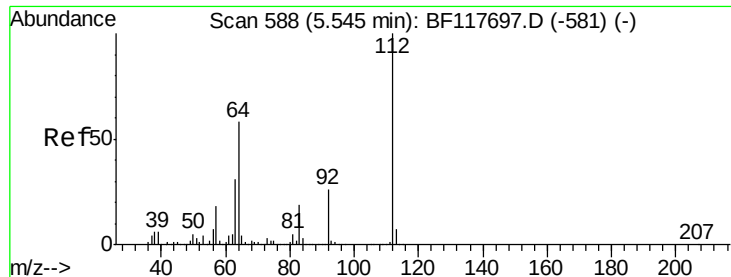
Ion Ratio Lower Upper

42 100

74 128.5 103.1 154.7

44 6.5 5.0 7.6





#5

2-Fluorophenol

Concen: 77.689 ng

RT: 5.55 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

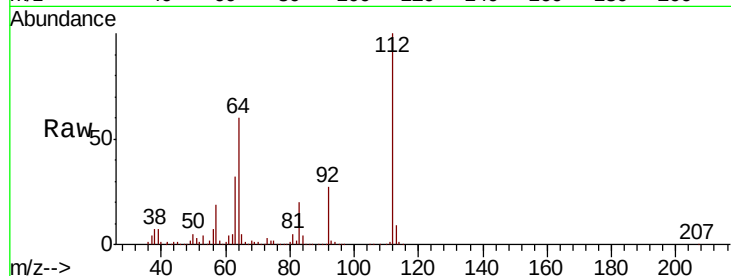
Tot Ion:112 Resp: 1675342

Ion Ratio Lower Upper

112 100

64 59.7 46.4 69.6

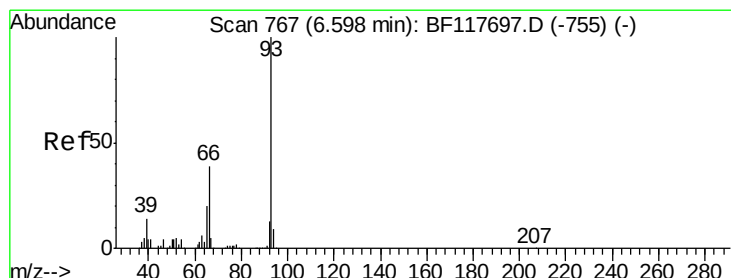
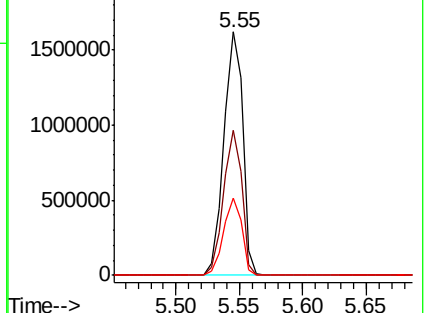
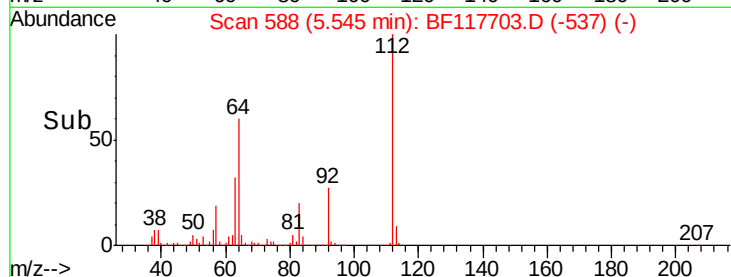
63 31.9 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.381 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

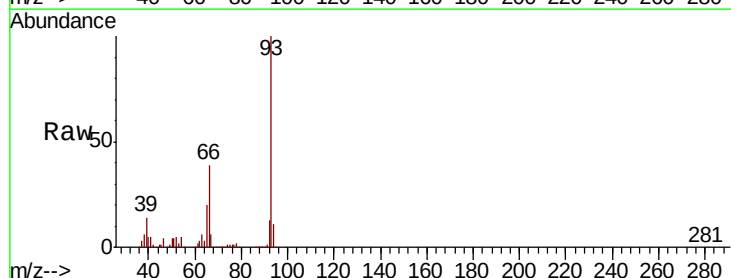
Tgt Ion: 93 Resp: 1432249

Ion Ratio Lower Upper

93 100

66 39.4 31.7 47.5

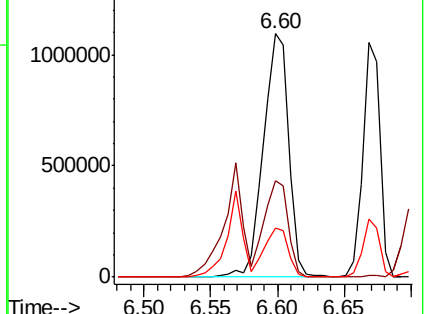
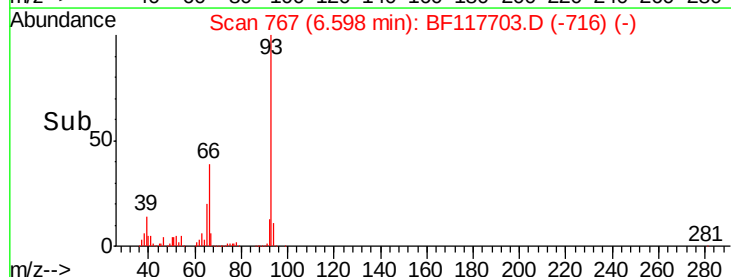
65 20.2 15.8 23.8

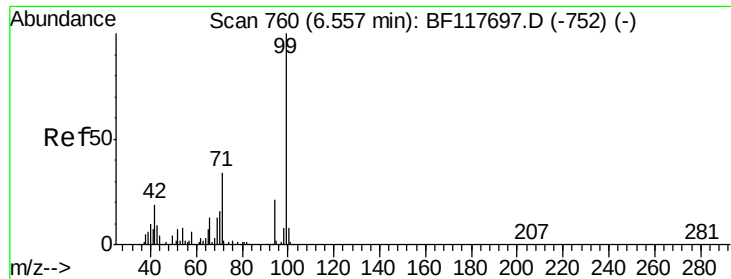


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.760 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

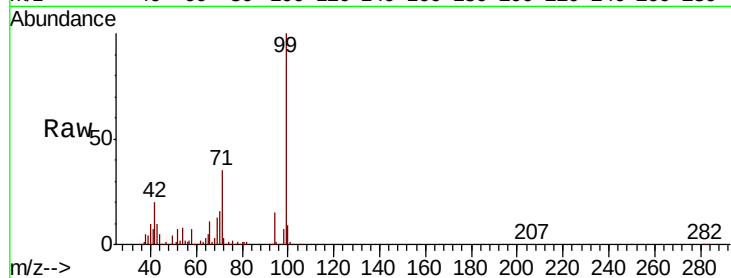
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2067635

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.3	22.9
71	34.9	26.8	40.2

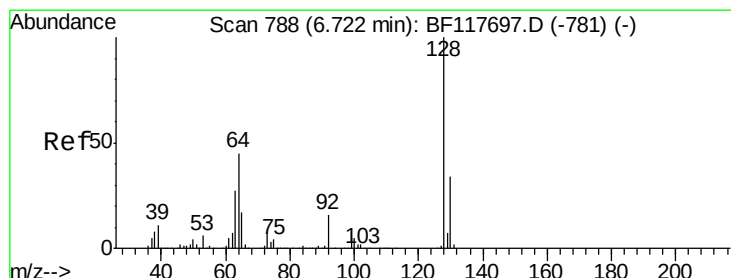
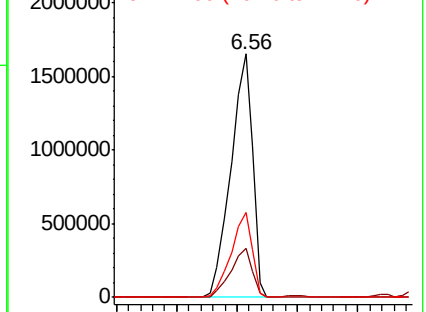
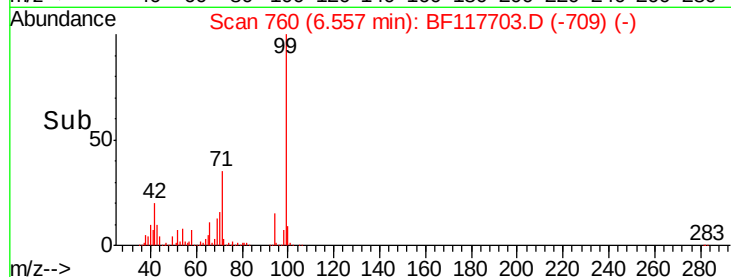


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.376 ng

RT: 6.72 min Scan# 788

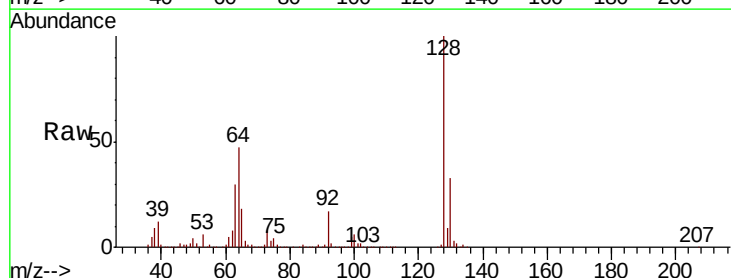
Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Tgt Ion: 128 Resp: 944617

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.6	53.6
64	46.8	25.2	65.2

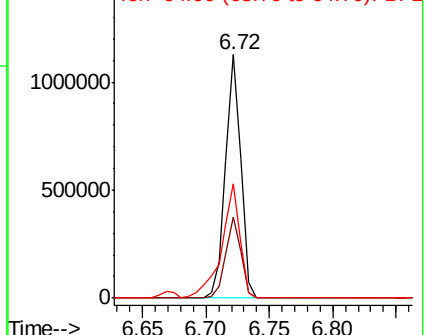
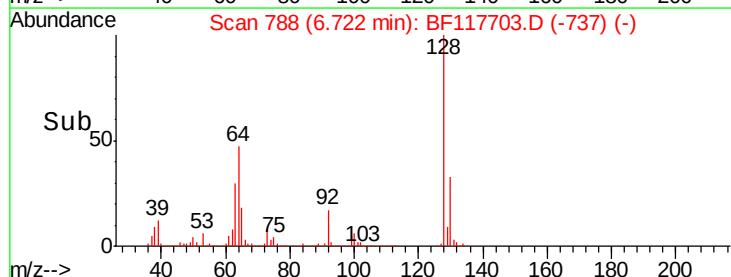


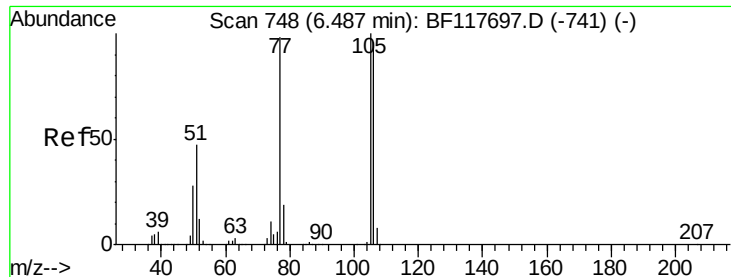
Abundance

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: 41.239 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

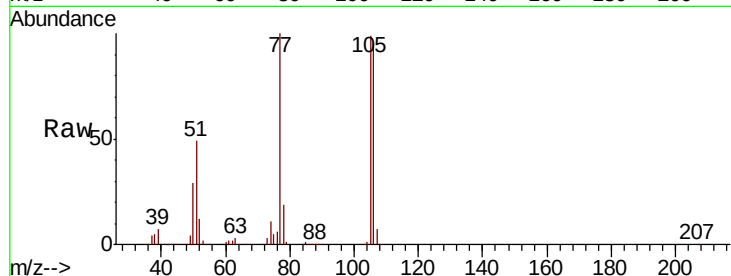
Tot Ion: 77 Resp: 762971

Ion Ratio Lower Upper

77 100

105 99.1 82.3 122.3

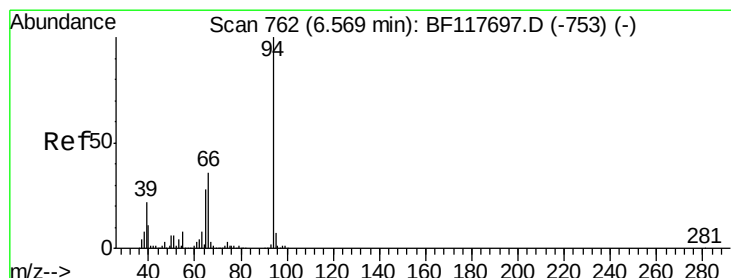
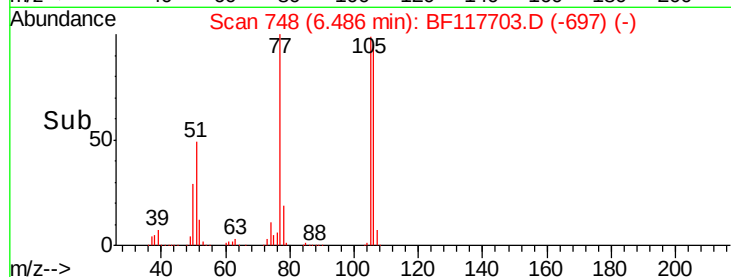
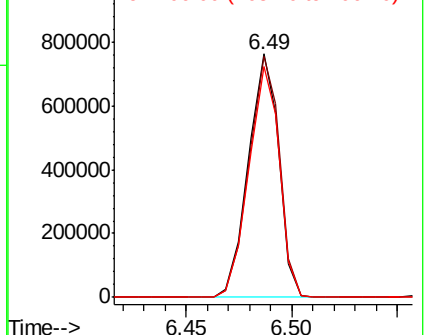
106 94.6 78.0 118.0



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: 39.194 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

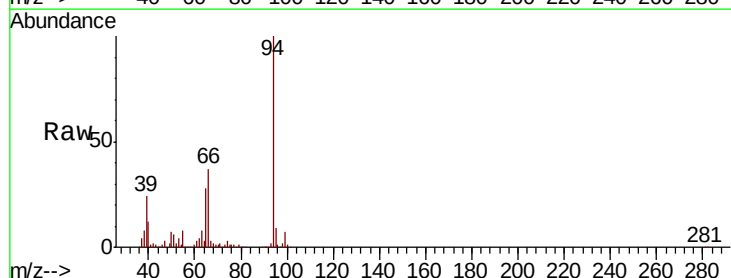
Tgt Ion: 94 Resp: 1122975

Ion Ratio Lower Upper

94 100

65 28.3 7.6 47.6

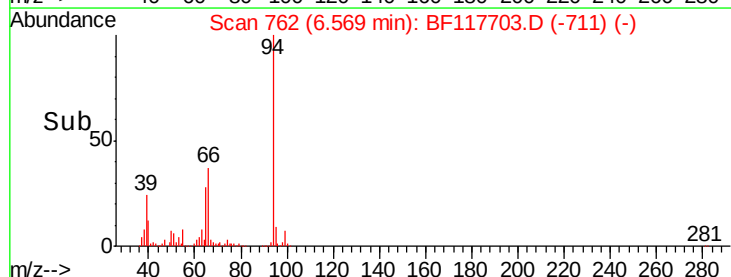
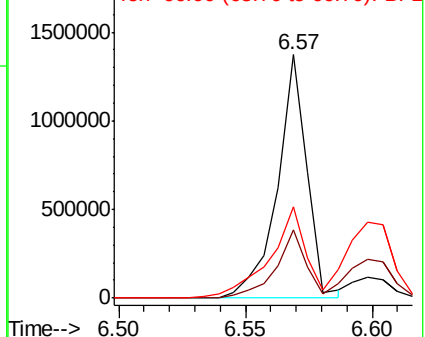
66 37.3 16.1 56.1

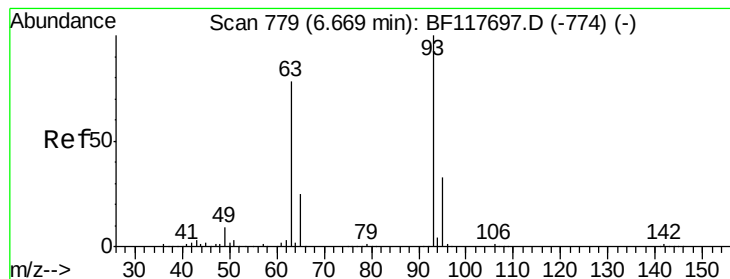


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.134 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

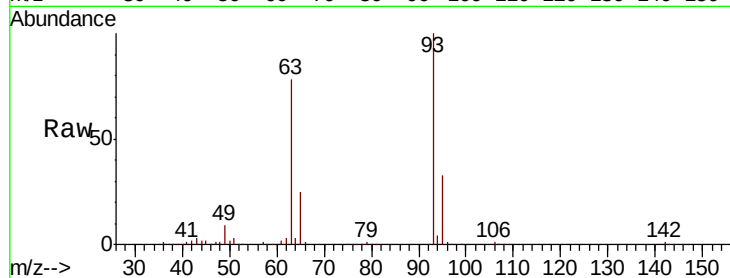
Tot Ion: 93 Resp: 925900

Ion Ratio Lower Upper

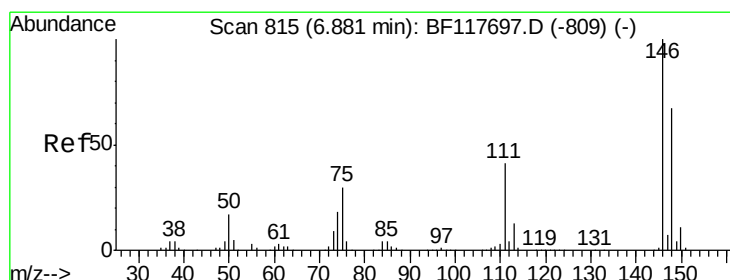
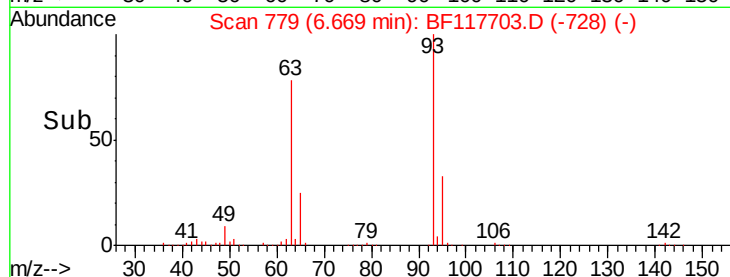
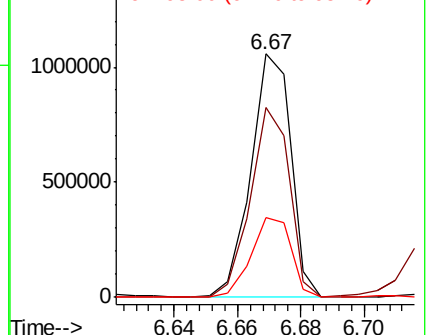
93 100

63 78.2 57.6 97.6

95 32.8 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 39.469 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

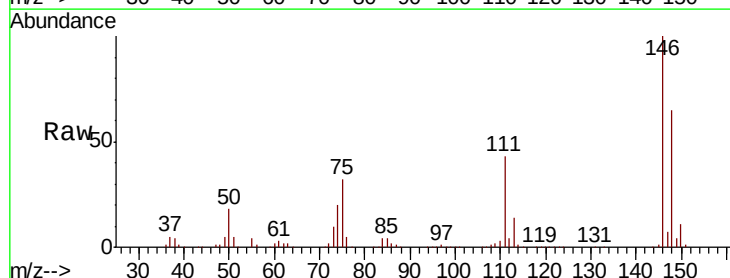
Tgt Ion:146 Resp: 1097549

Ion Ratio Lower Upper

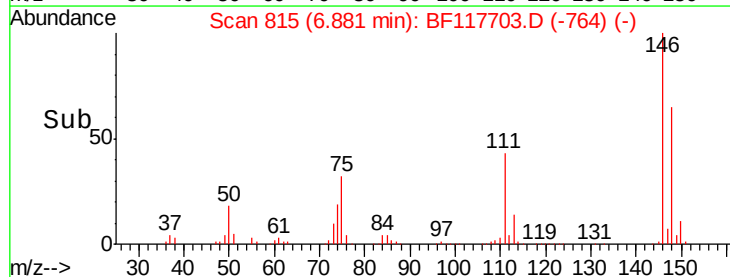
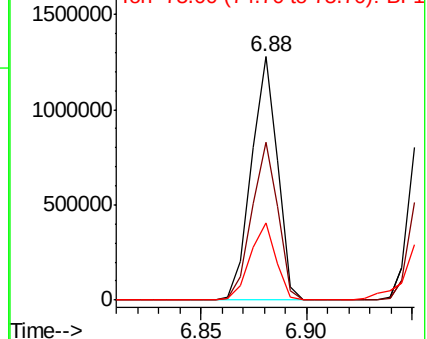
146 100

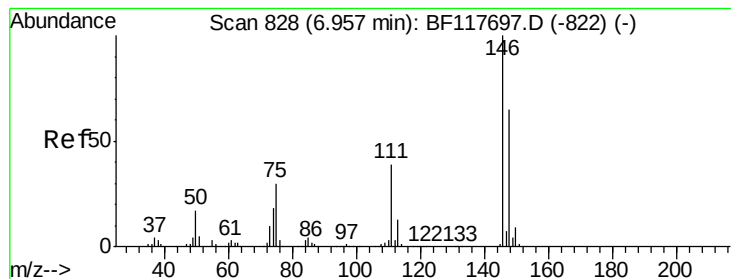
148 65.0 53.4 80.2

75 31.7 24.0 36.0



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





#13

1,4-Dichlorobenzene

Concen: 39.273 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

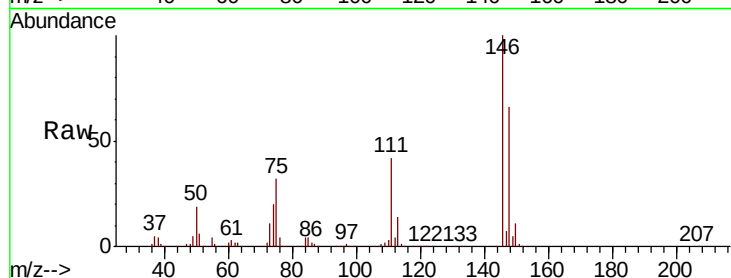
Tot Ion:146 Resp: 1093215

Ion Ratio Lower Upper

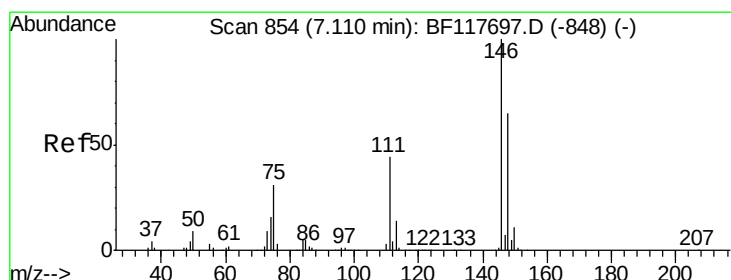
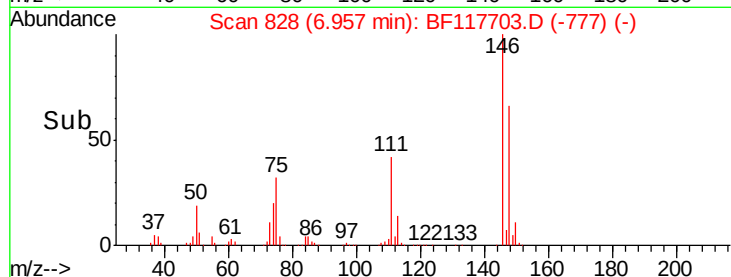
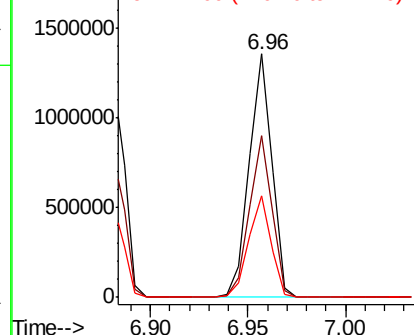
146 100

148 66.3 51.9 77.9

111 41.5 31.6 47.4



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



#14

1,2-Dichlorobenzene

Concen: 39.805 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

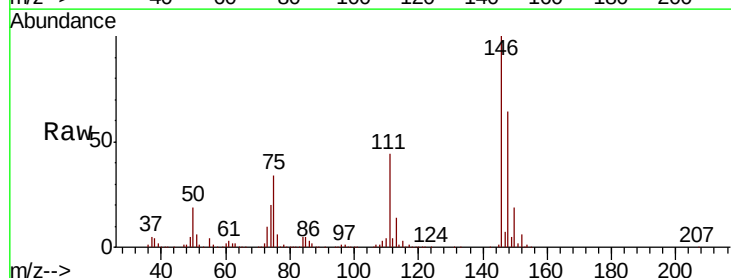
Tgt Ion:146 Resp: 1020200

Ion Ratio Lower Upper

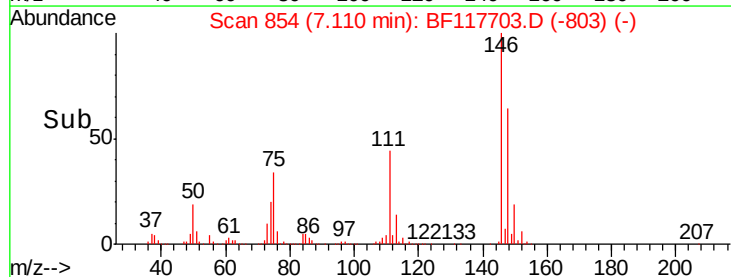
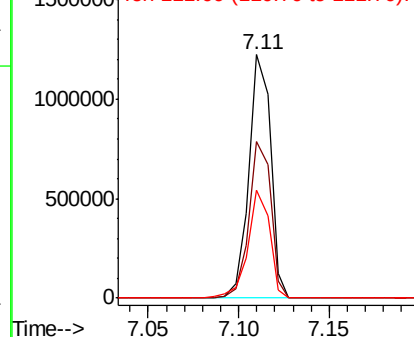
146 100

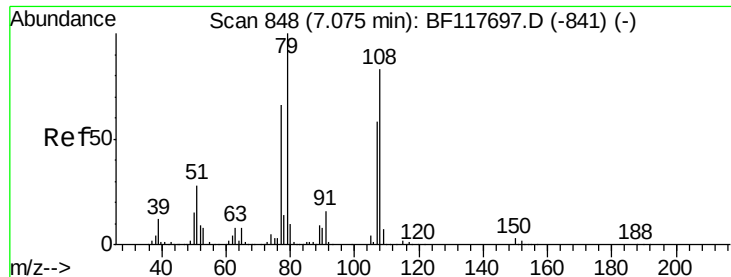
148 64.4 52.1 78.1

111 44.3 35.1 52.7



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

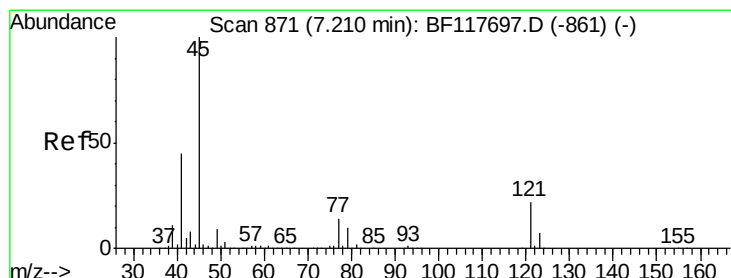
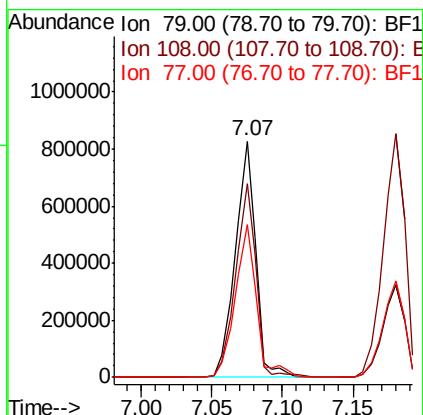
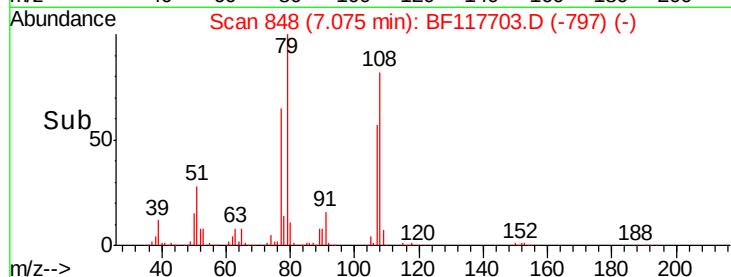
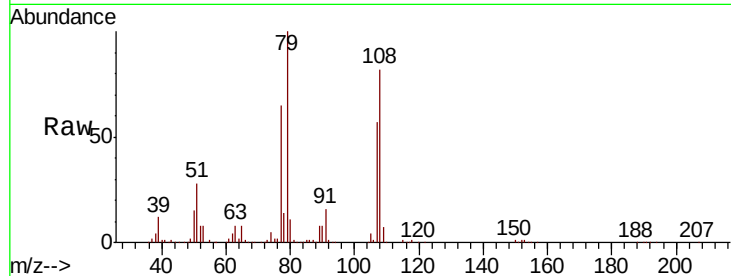




#15
Benzyl Alcohol
Concen: 39.320 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

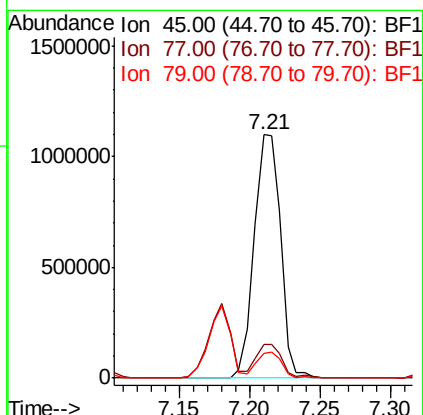
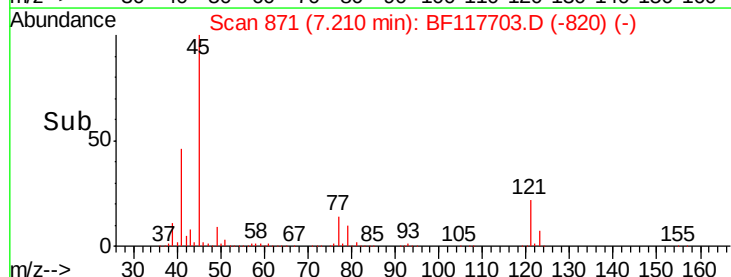
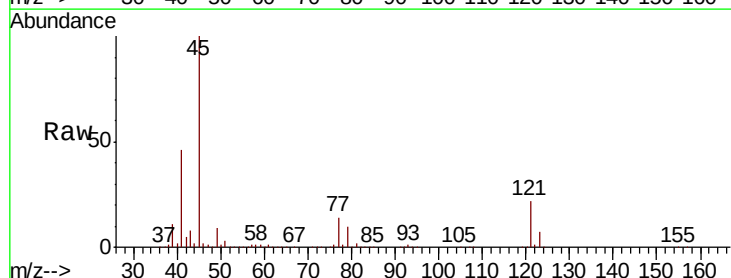
Instrument :
BNA_F
ClientSampleId :

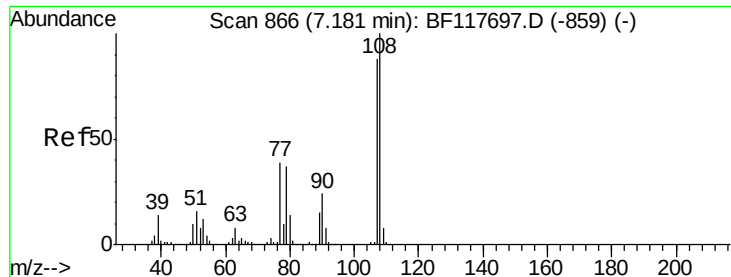
Tot Ion: 79 Resp: 833636
Ion Ratio Lower Upper
79 100
108 81.7 66.5 99.7
77 64.7 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.837 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion: 45 Resp: 1452821
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.8
79 10.3 0.0 30.5

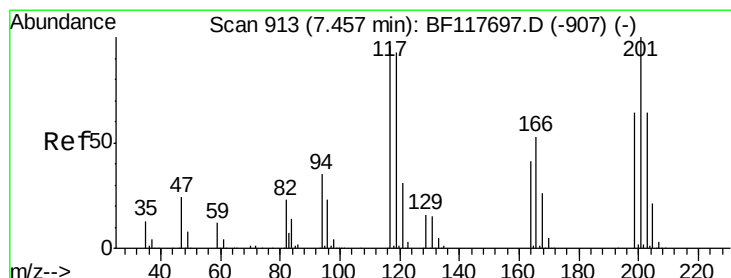
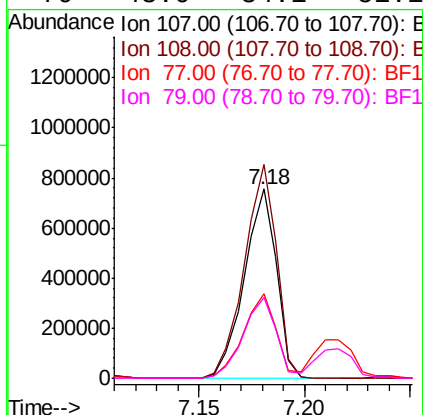
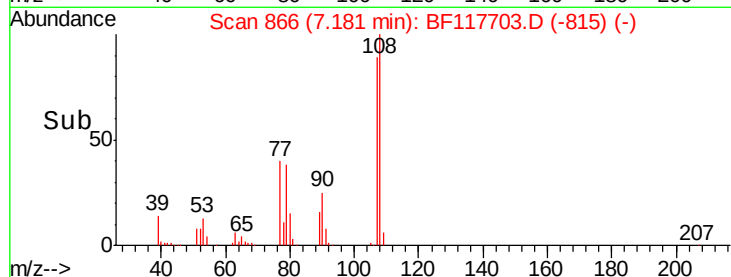
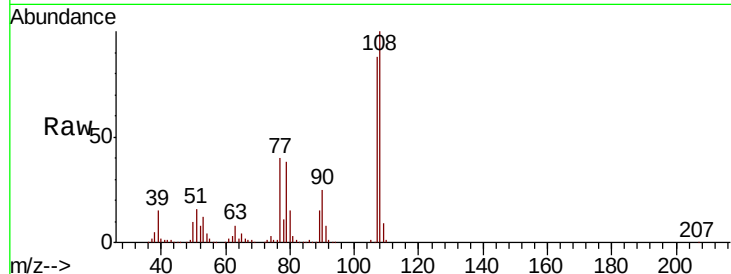




#17
2-Methylphenol
Concen: 38.909 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

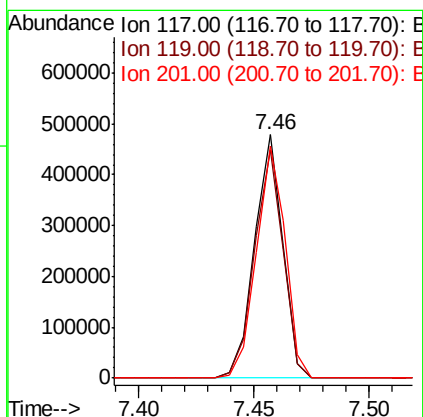
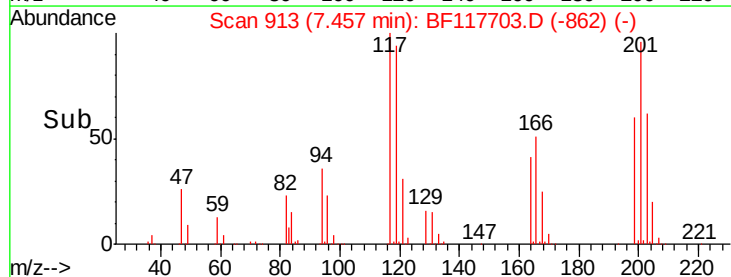
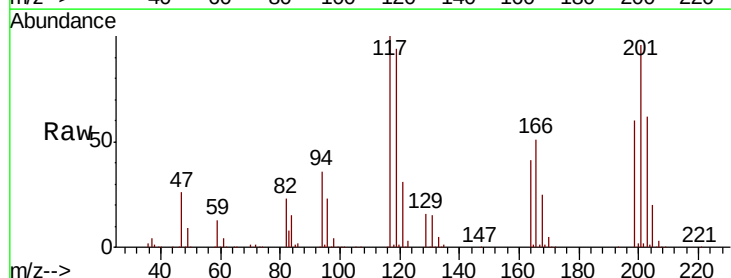
Instrument :
BNA_F
ClientSampleId :

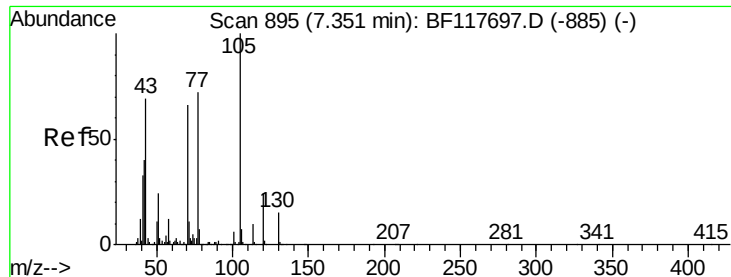
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.1	136.7
77	44.8	35.8	53.8
79	43.0	34.1	51.1



#18
Hexachloroethane
Concen: 39.768 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.7	116.5
201	95.5	83.2	124.8

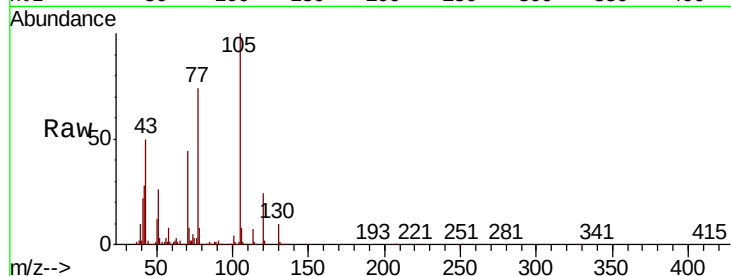




#19
n-Nitroso-di-n-propylamine
Concen: 38.683 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.2	49.1	73.7
101	10.2	7.8	11.8
130	22.7	17.9	26.9



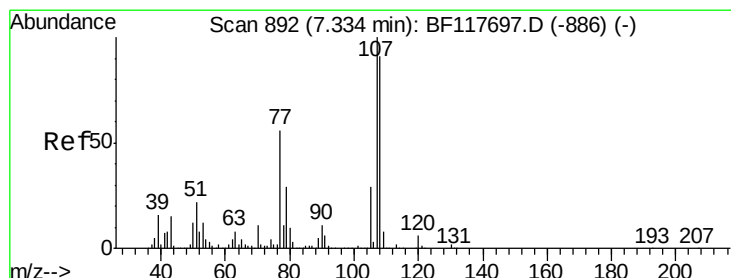
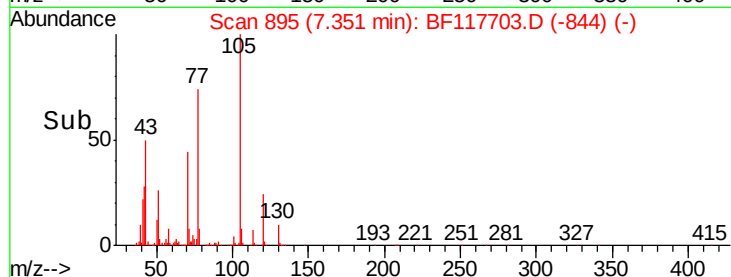
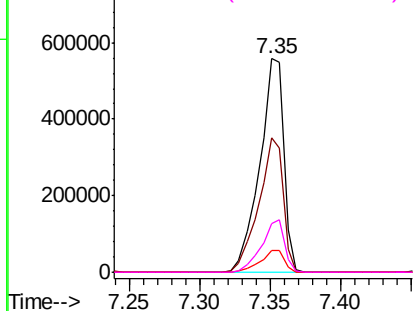
Abundance

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: 39.632 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	70.5	110.5
77	53.4	35.6	75.6
79	27.2	8.7	48.7

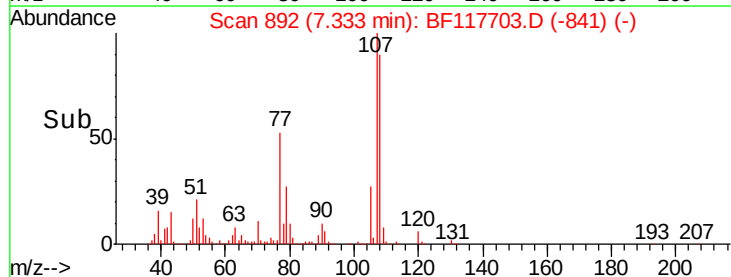
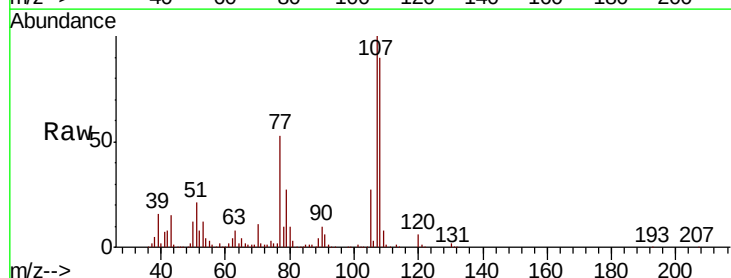
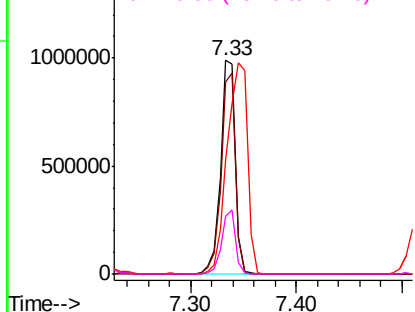
Abundance

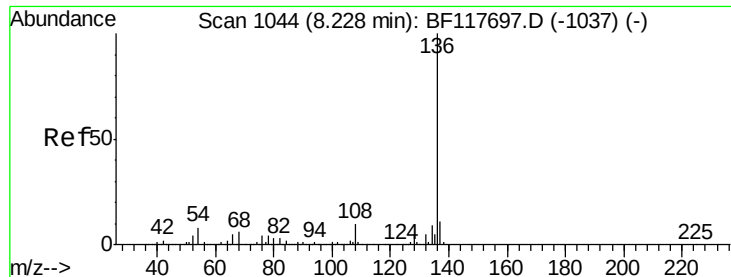
Ion 107.00 (106.70 to 107.70): BF1

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: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1480310

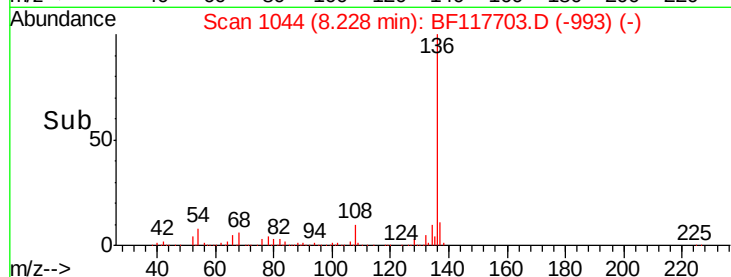
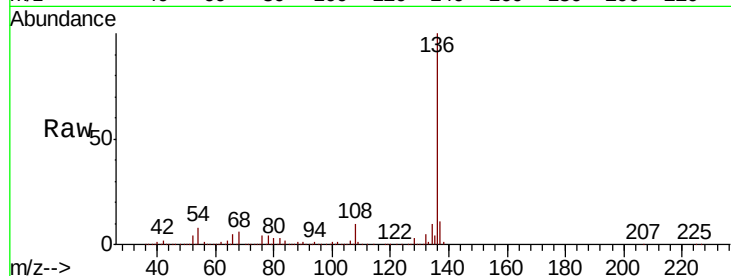
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.1 6.0 9.0

68 6.2 4.8 7.2

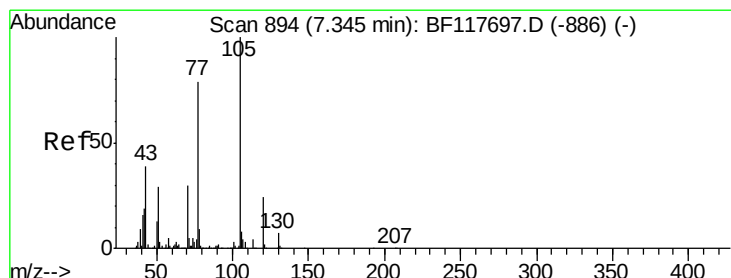
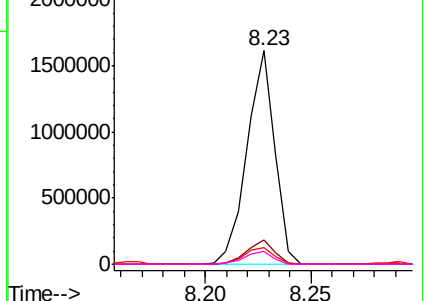


Abundance Ion 136.00 (135.70 to 136.70): E

2500000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.644 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Tgt Ion:105 Resp: 1307454

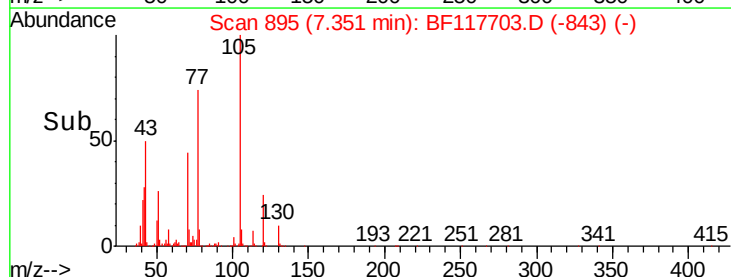
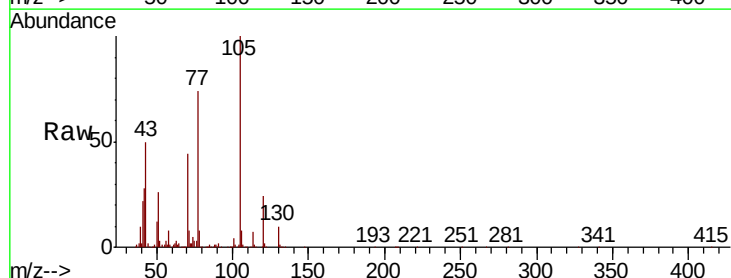
Ion Ratio Lower Upper

105 100

71 7.5 3.9 5.9#

51 25.7 23.0 34.4

120 24.4 19.1 28.7

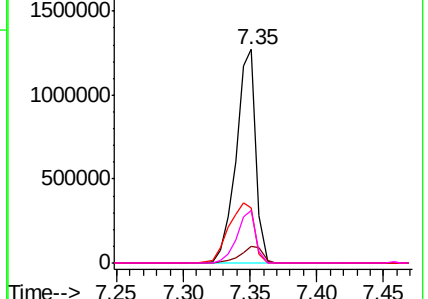


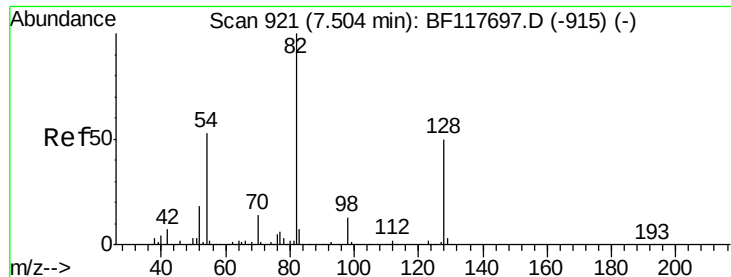
Abundance Ion 105.00 (104.70 to 105.70): E

2000000 Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

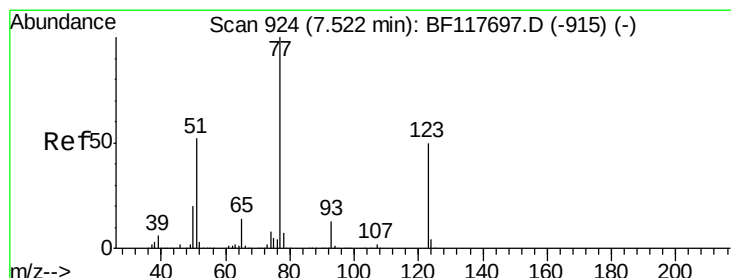
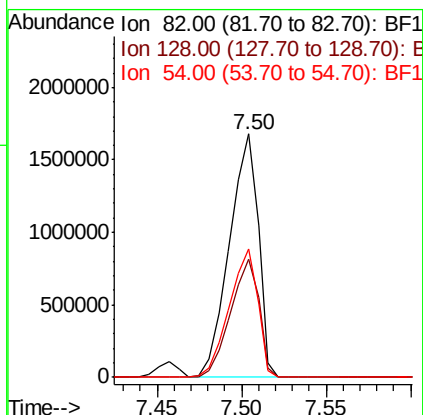
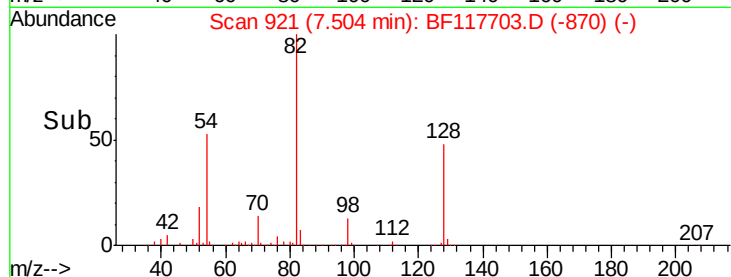
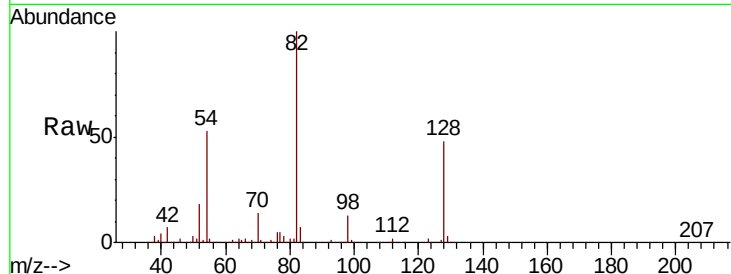




#23
Nitrobenzene-d5
Concen: 79.255 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

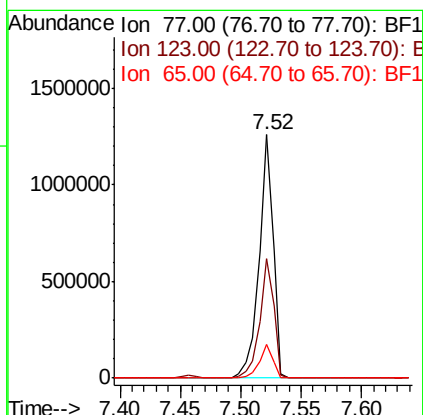
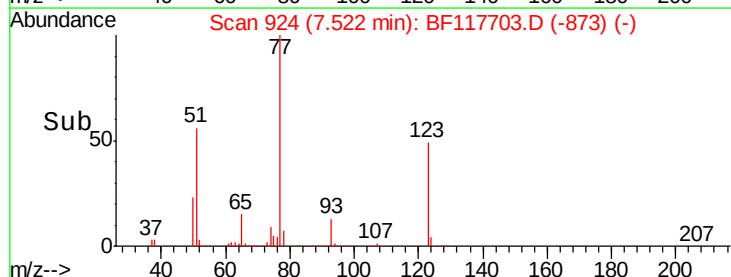
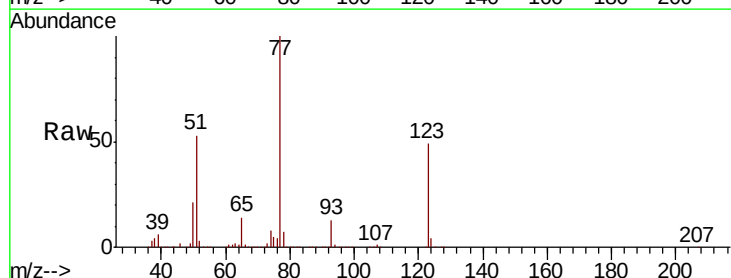
Instrument :
BNA_F
ClientSampleId :

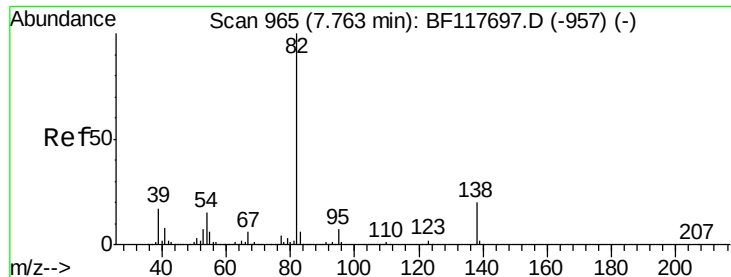
Tot Ion: 82 Resp: 1987203
Ion Ratio Lower Upper
82 100
128 48.5 40.2 60.2
54 52.6 42.0 63.0



#24
Nitrobenzene
Concen: 39.440 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion: 77 Resp: 1032632
Ion Ratio Lower Upper
77 100
123 49.2 40.4 60.6
65 13.9 10.8 16.2





#25

Isophorone

Concen: 37.740 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

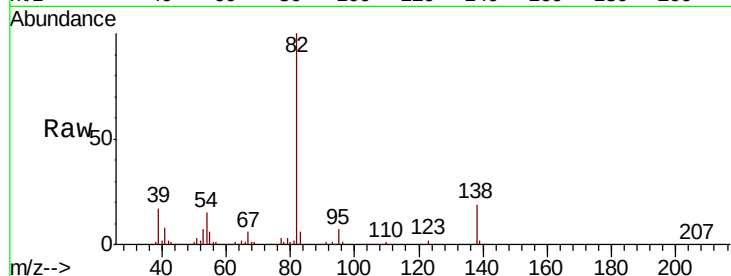
Tot Ion: 82 Resp: 1809852

Ion Ratio Lower Upper

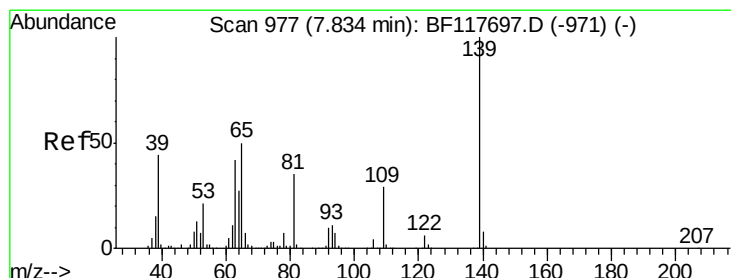
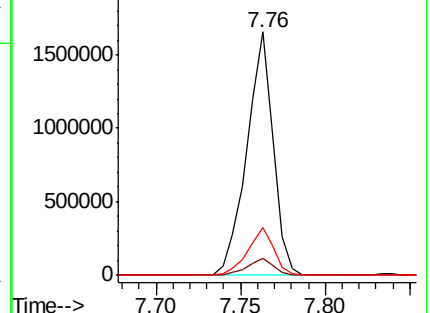
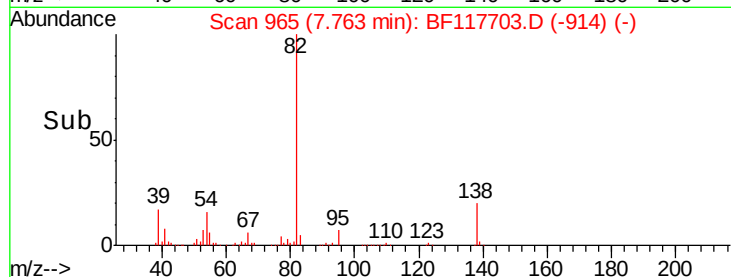
82 100

95 7.1 5.8 8.6

138 19.5 16.2 24.2



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



#26

2-Nitrophenol

Concen: 39.915 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

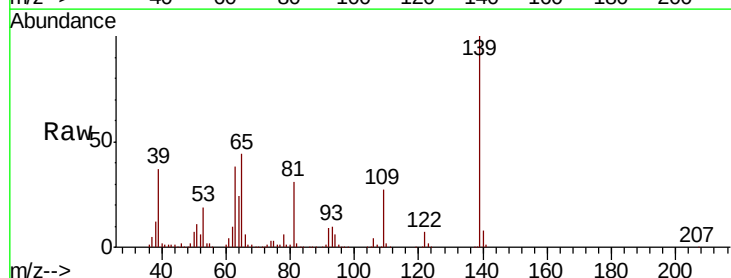
Tgt Ion: 139 Resp: 485166

Ion Ratio Lower Upper

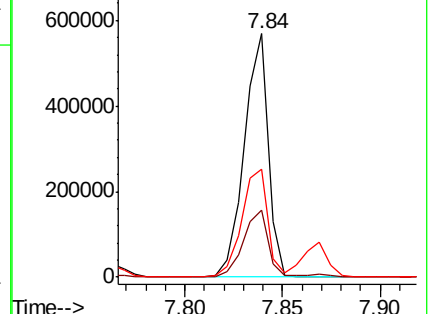
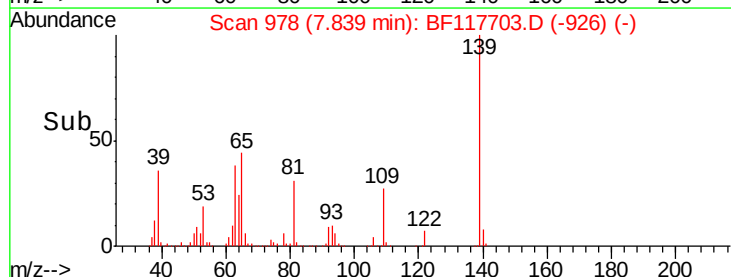
139 100

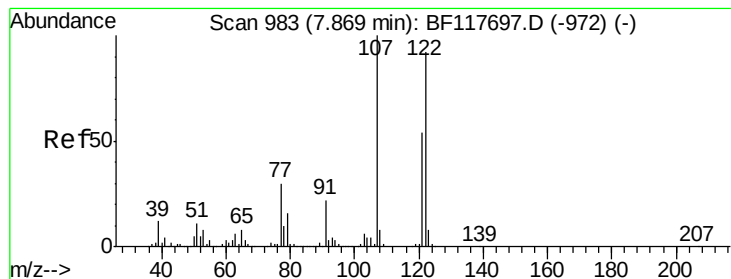
109 27.3 22.8 34.2

65 44.2 40.2 60.4



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





#27

2,4-Dimethylphenol

Concen: 38.010 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

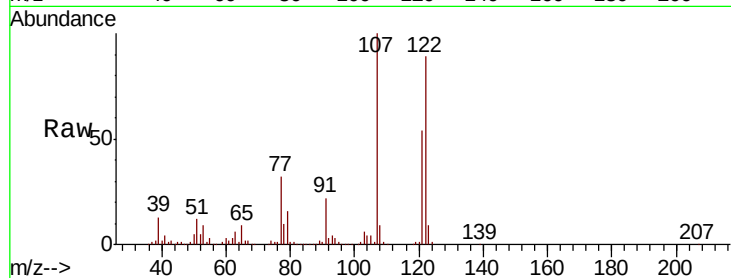
Tot Ion:122 Resp: 779033

Ion Ratio Lower Upper

122 100

107 112.0 87.1 130.7

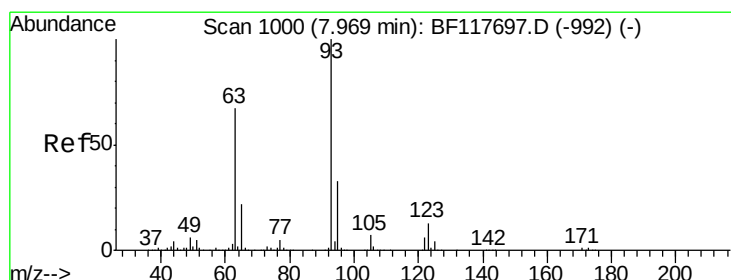
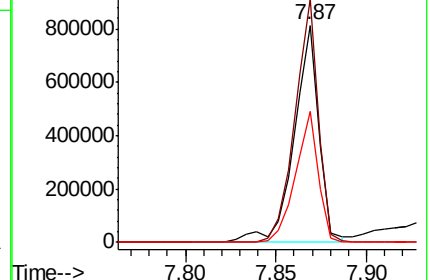
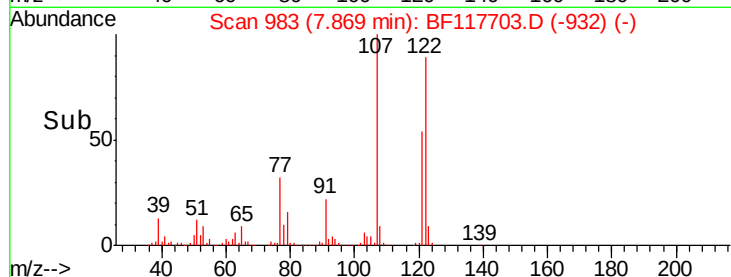
121 60.2 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.314 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

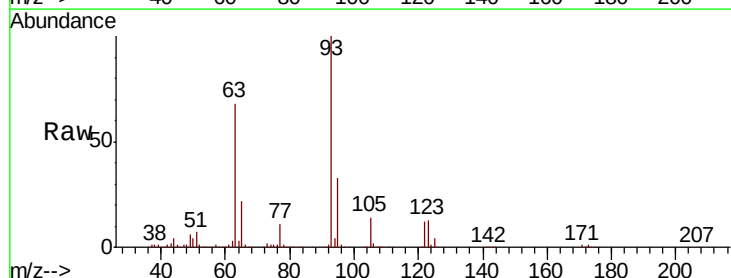
Tgt Ion: 93 Resp: 1179441

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

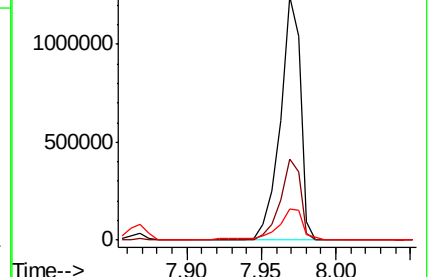
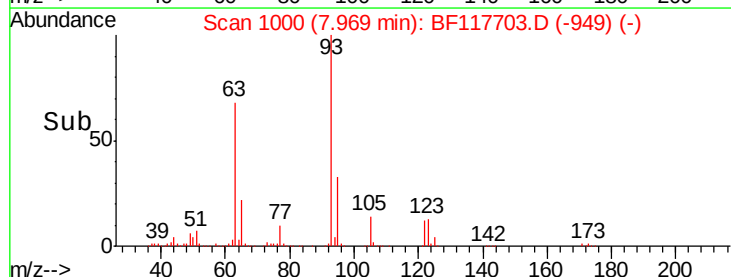
123 12.9 10.4 15.6

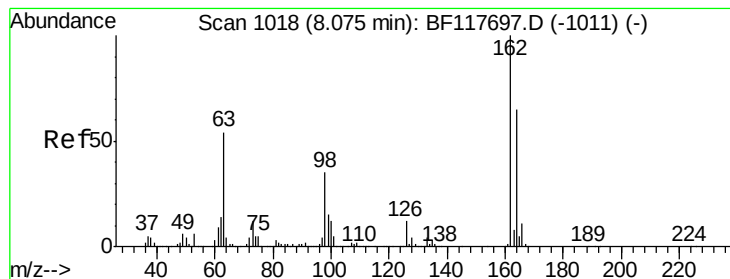


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.304 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampled :

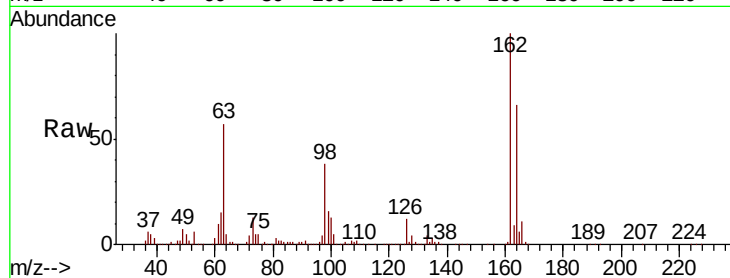
Tot Ion:162 Resp: 808806

Ion Ratio Lower Upper

162 100

164 65.5 45.4 85.4

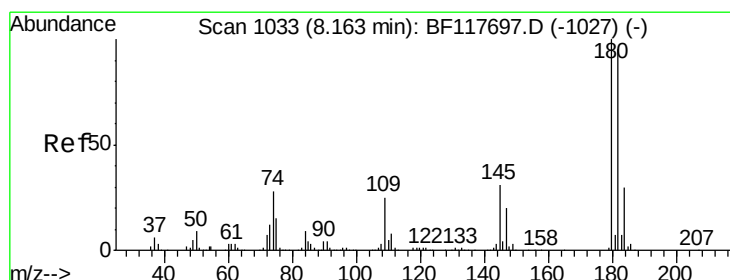
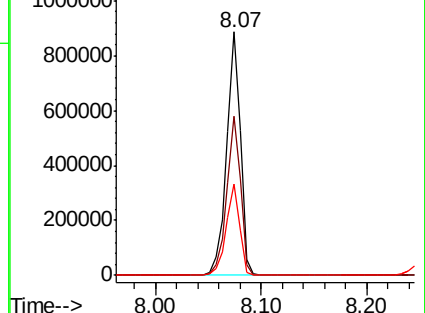
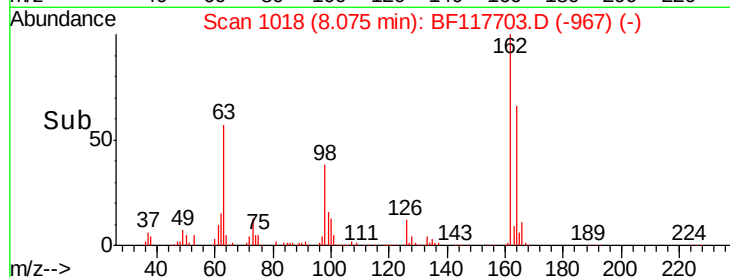
98 37.6 15.5 55.5



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: 38.877 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

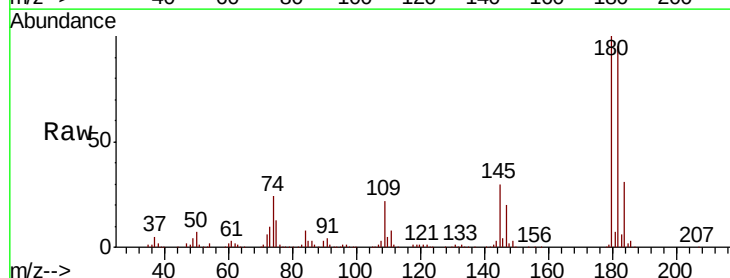
Tgt Ion:180 Resp: 939767

Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

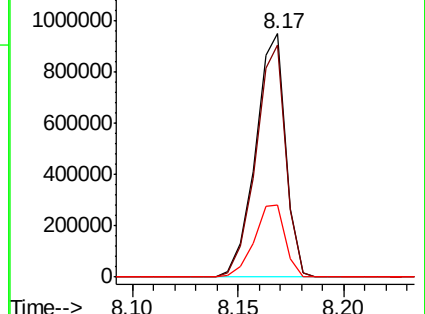
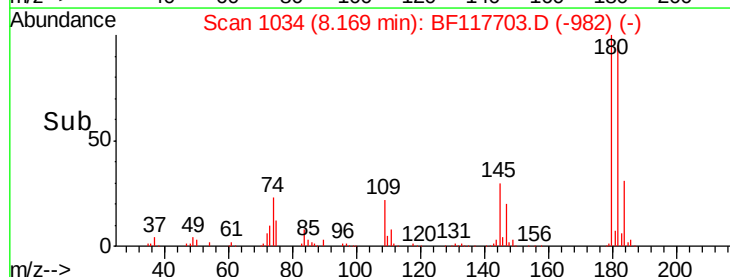
145 29.6 25.0 37.4

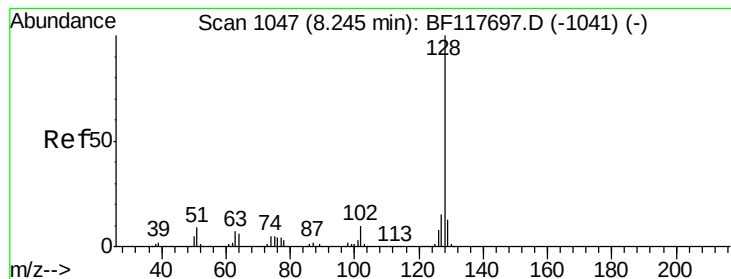


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.100 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

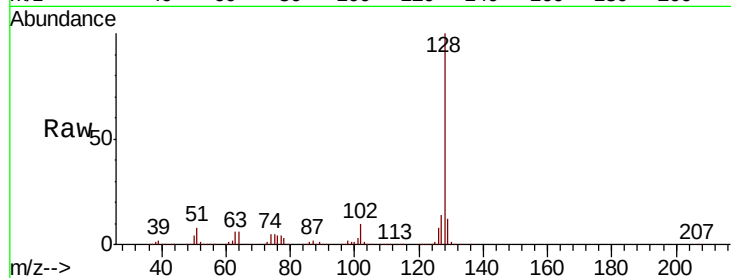
Tot Ion:128 Resp: 2645573

Ion Ratio Lower Upper

128 100

129 12.3 10.1 15.1

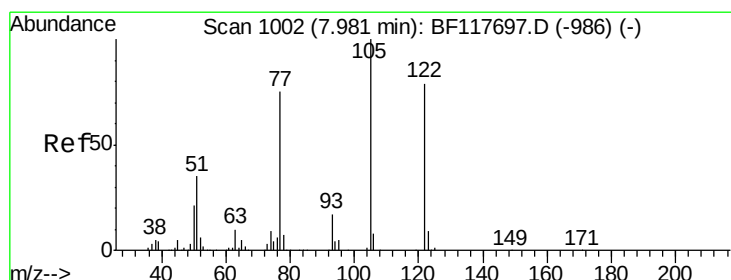
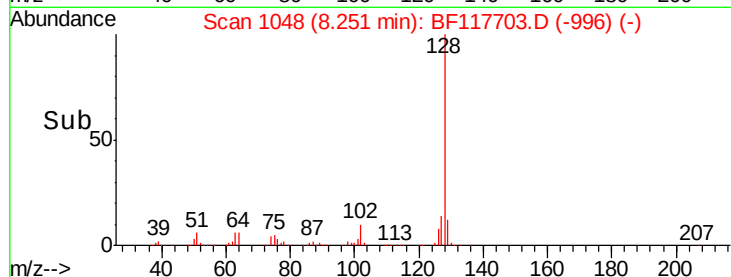
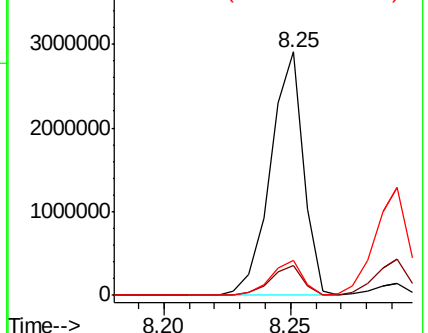
127 14.5 11.8 17.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.661 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

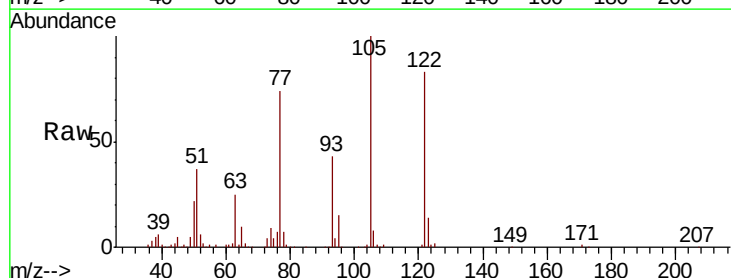
Tgt Ion:122 Resp: 643453

Ion Ratio Lower Upper

122 100

105 121.2 102.8 142.8

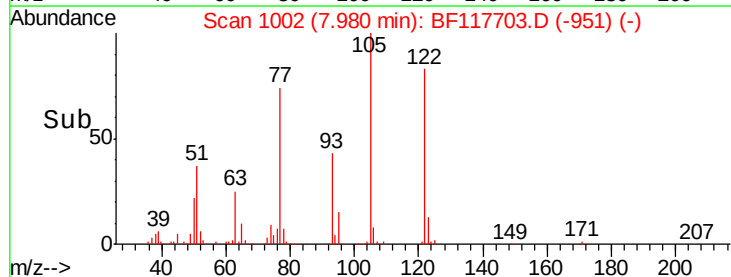
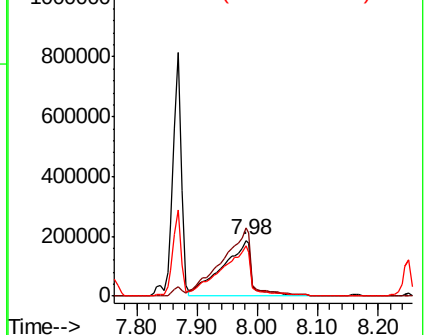
77 89.8 73.2 113.2

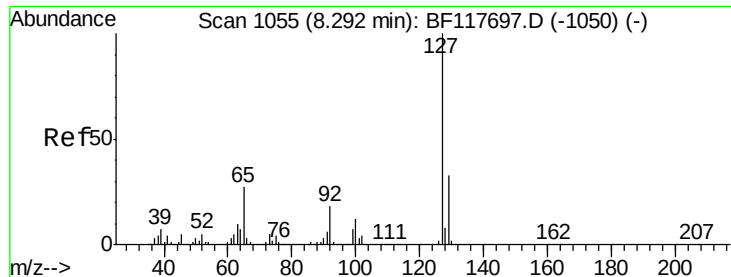


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

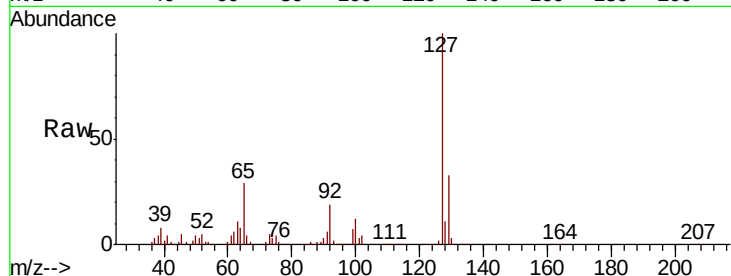




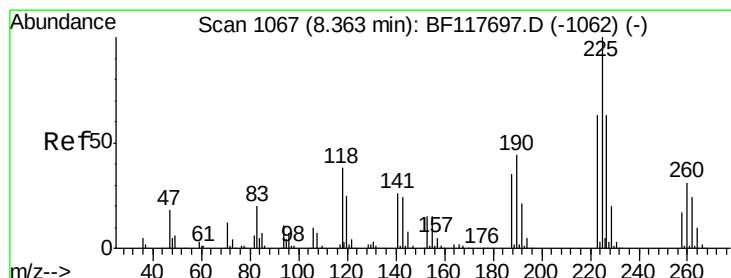
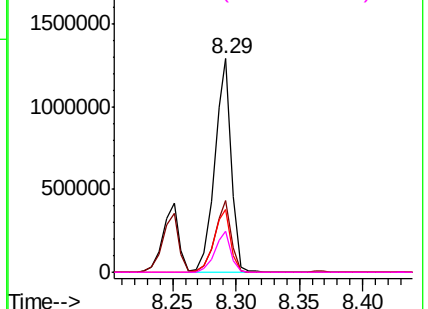
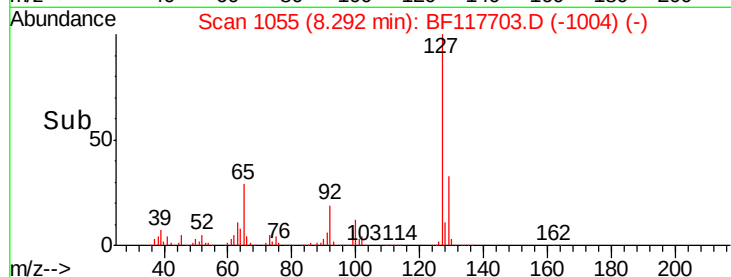
#33
4-Chloroaniline
Concen: 37.605 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1182311
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	39.8
65	29.4	21.7	32.5
92	18.9	14.1	21.1

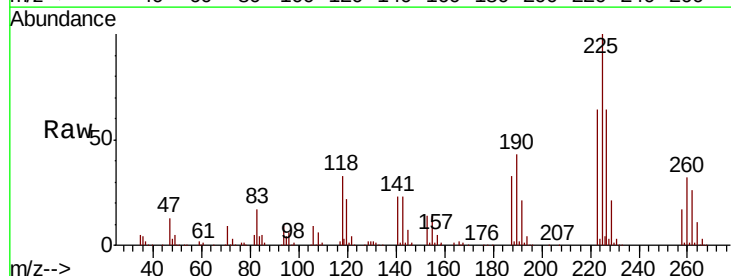


Abundance Ion 127.00 (126.70 to 127.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

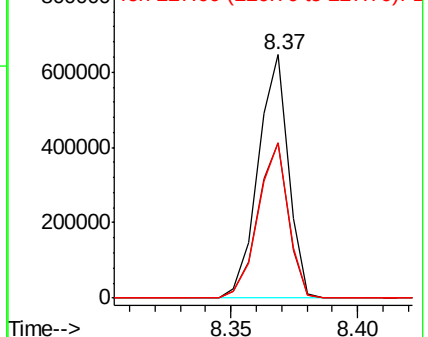
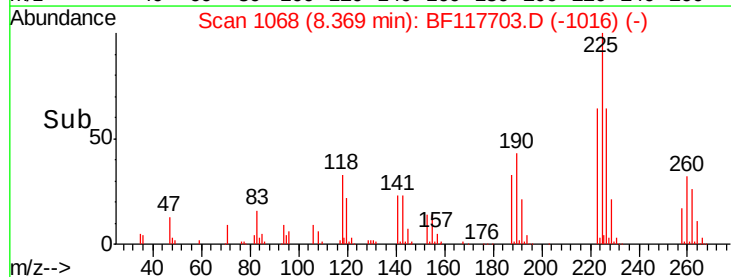


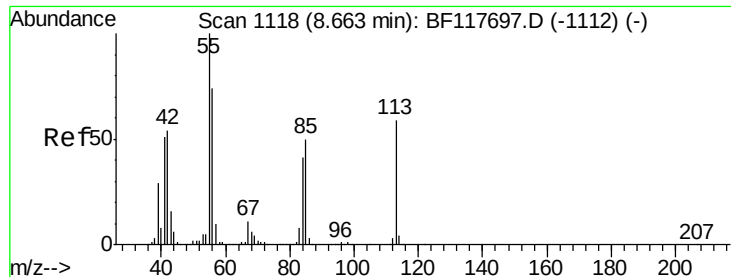
#34
Hexachlorobutadiene
Concen: 39.062 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:	225	Resp:	540720
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.1	75.1
227	63.9	50.2	75.4



Abundance Ion 225.00 (224.70 to 225.70): E
800000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

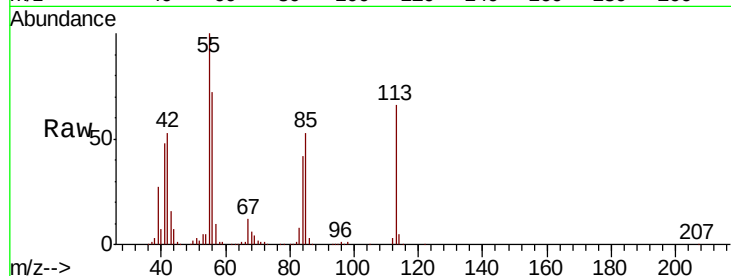




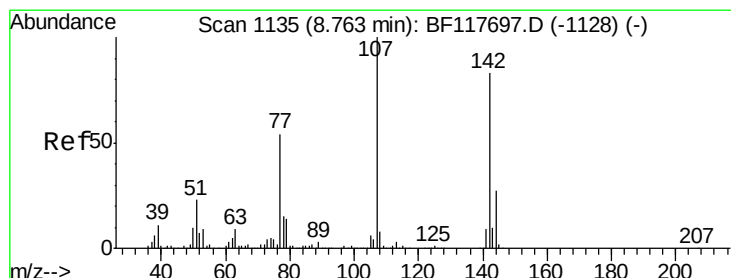
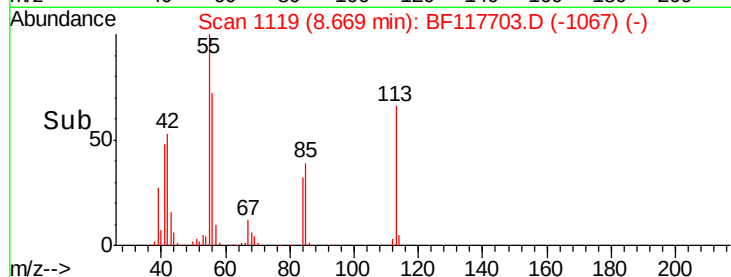
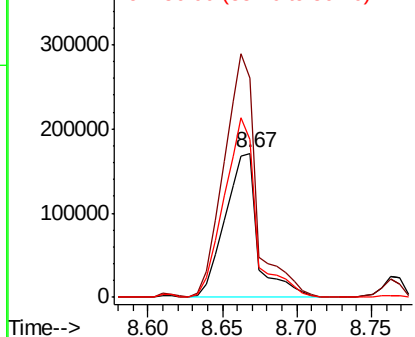
#35
 Caprolactam
 Concen: 37.734 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117703.D
 Acq: 6 Nov 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 264086
 Ion Ratio Lower Upper
 113 100
 55 152.6 150.5 190.5
 56 109.8 106.2 146.2

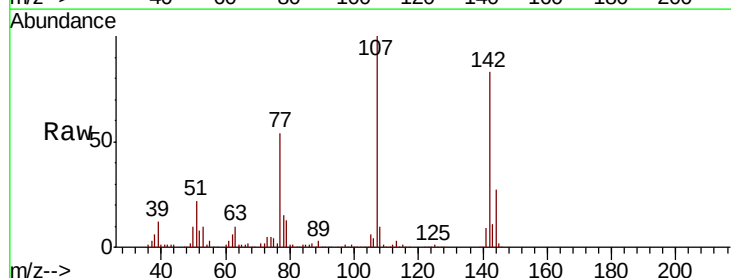


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

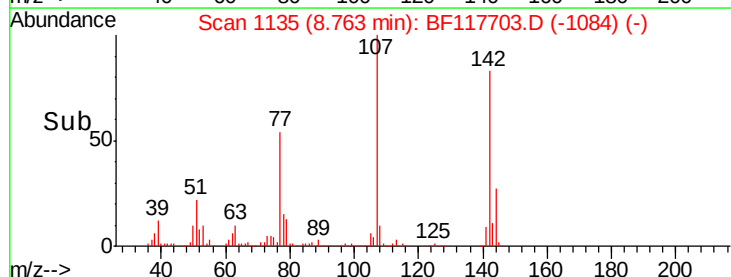
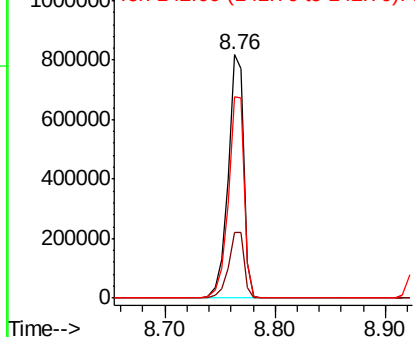


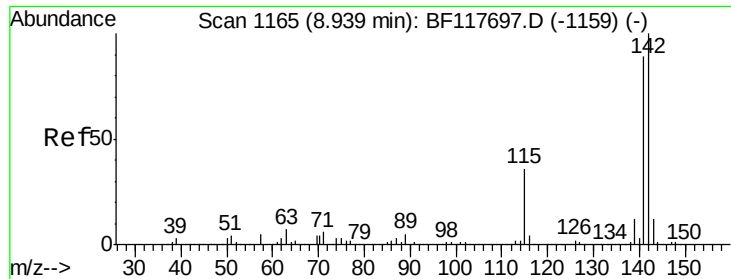
#36
 4-Chloro-3-methylphenol
 Concen: 38.087 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF117703.D
 Acq: 6 Nov 2019 17:22

Tgt Ion:107 Resp: 811531
 Ion Ratio Lower Upper
 107 100
 144 27.0 21.5 32.3
 142 82.6 66.7 100.1



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

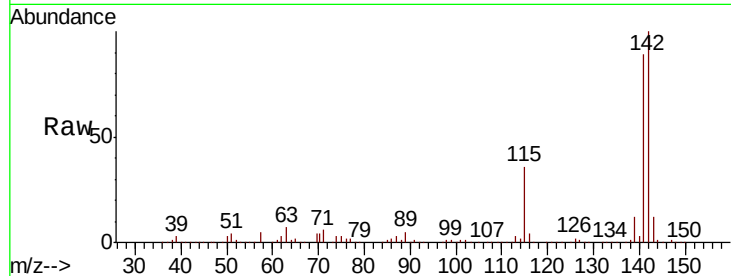




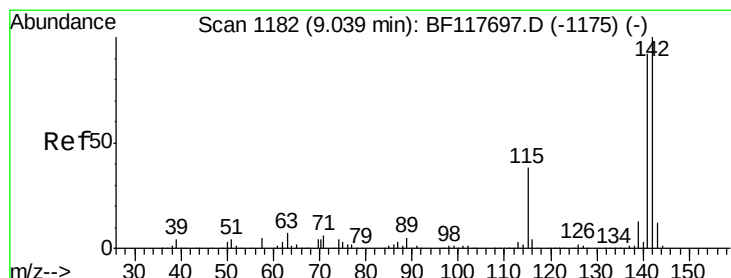
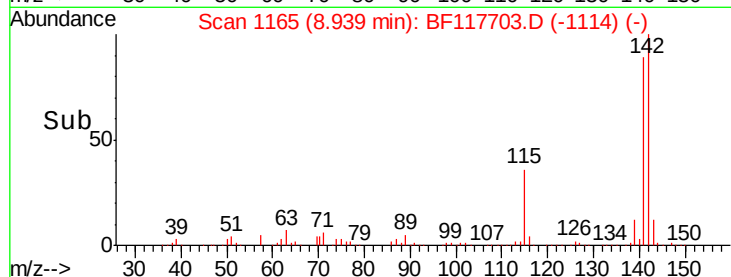
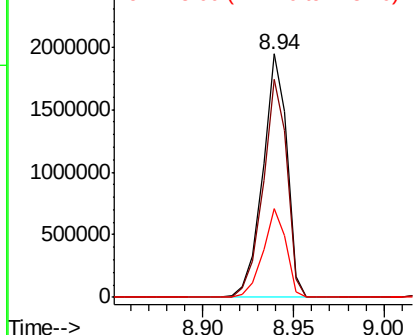
#37
2-Methylnaphthalene
Concen: 38.935 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1793480
Ion Ratio Lower Upper
142 100
141 89.3 71.5 107.3
115 36.5 28.9 43.3

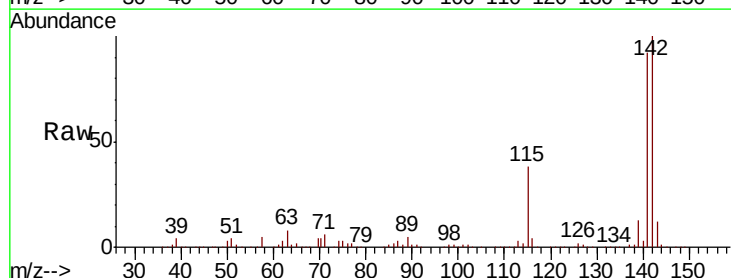


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

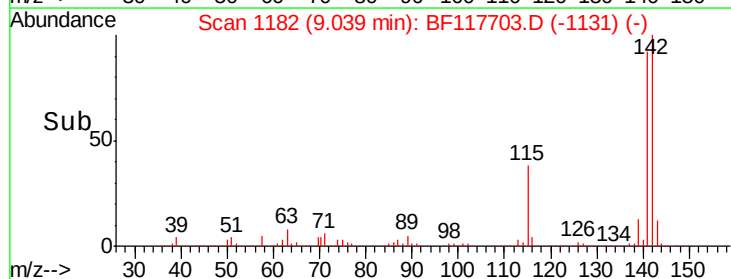
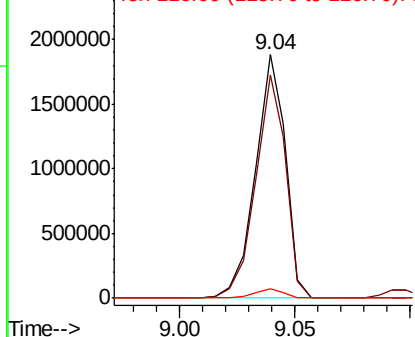


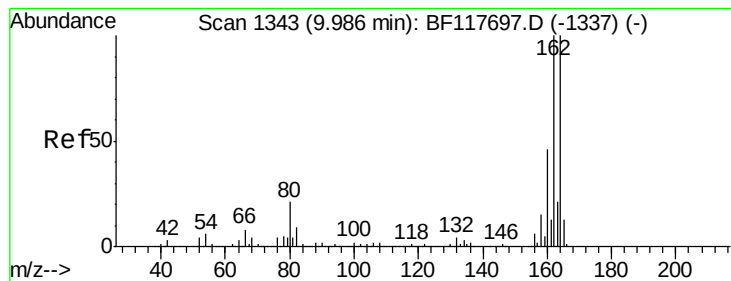
#38
1-Methylnaphthalene
Concen: 38.937 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:142 Resp: 1703248
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9
116 4.1 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

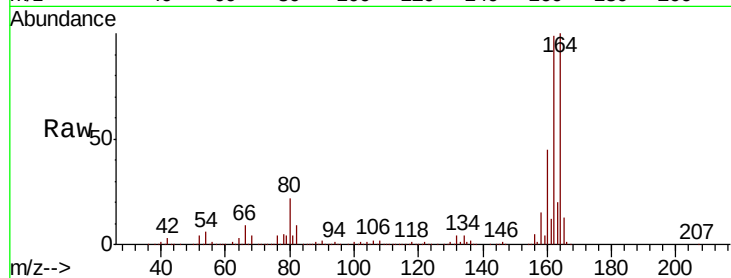
Tot Ion:164 Resp: 784123

Ion Ratio Lower Upper

164 100

162 99.1 79.7 119.5

160 44.9 36.5 54.7

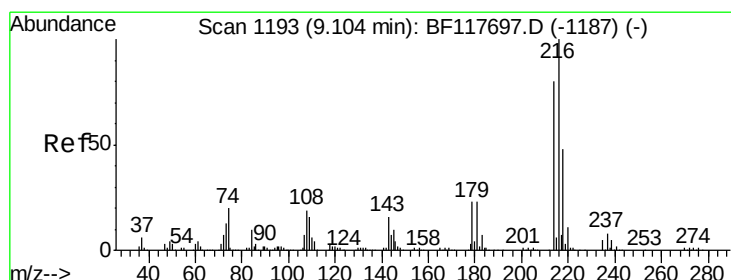
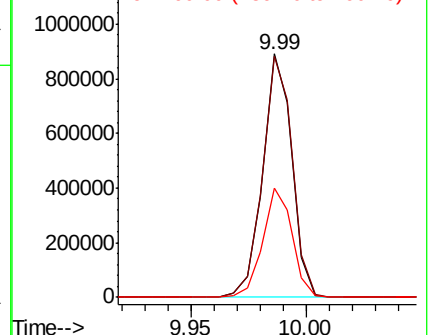
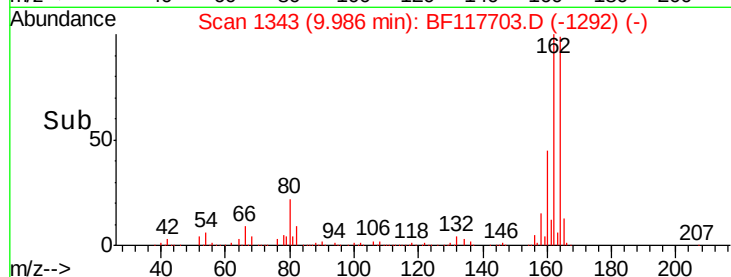


Abundance

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: 39.263 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Tgt Ion:216 Resp: 842251

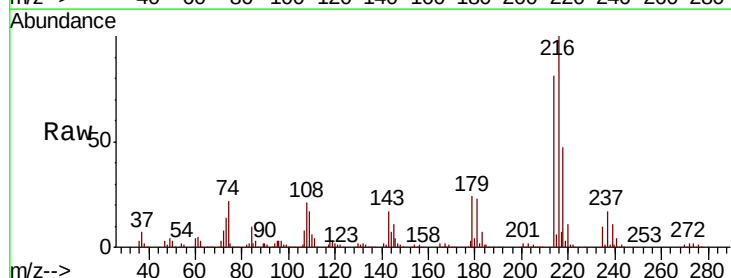
Ion Ratio Lower Upper

216 100

214 79.6 63.6 95.4

179 22.6 18.1 27.1

108 20.5 16.4 24.6



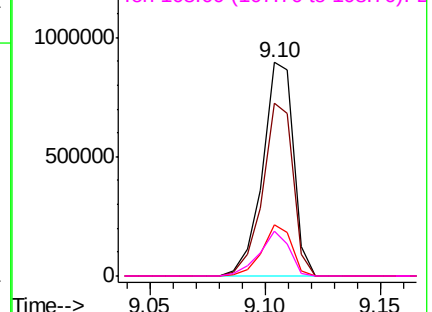
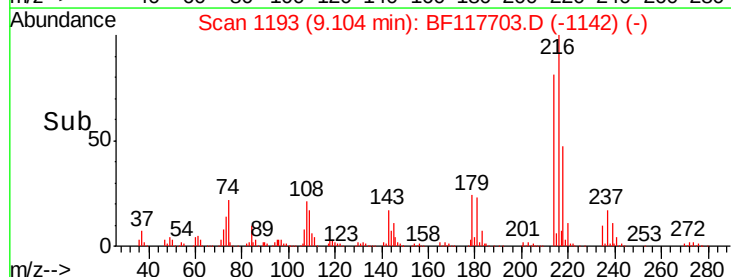
Abundance

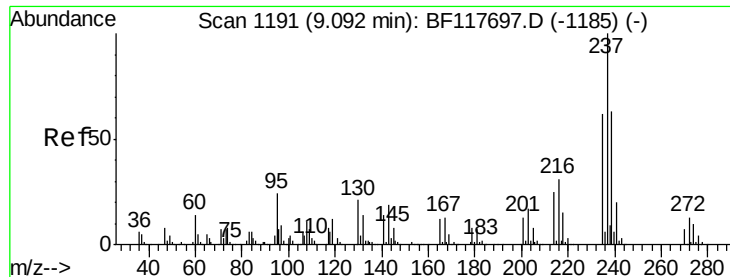
Ion 216.00 (215.70 to 216.70): E

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

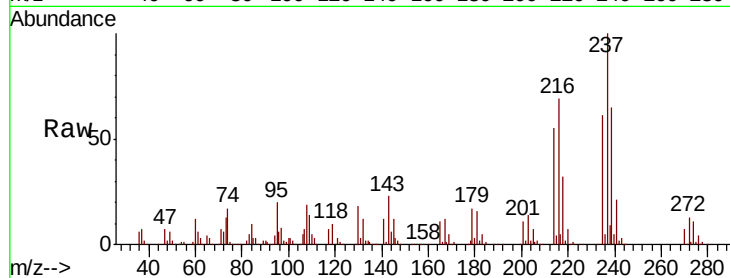




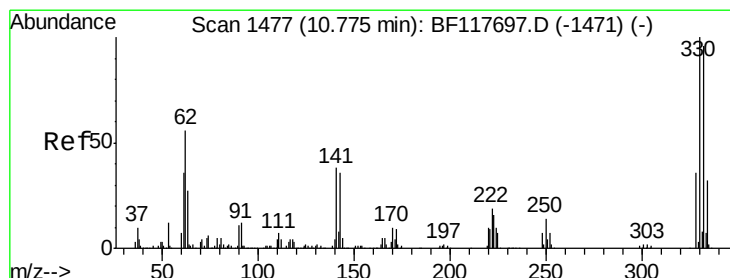
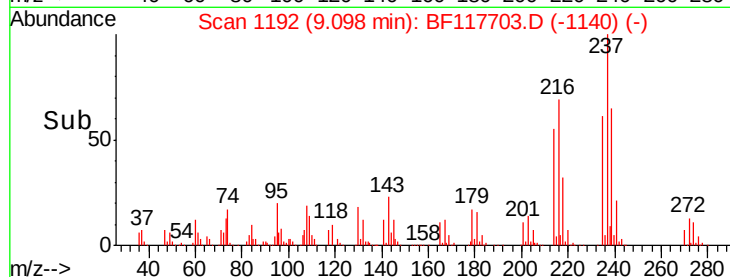
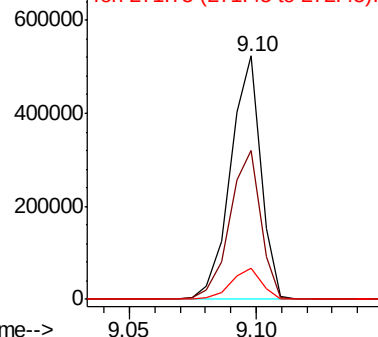
#41
Hexachlorocyclopentadiene
Concen: 37.884 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 438419
Ion Ratio Lower Upper
237 100
235 61.1 42.2 82.2
272 12.8 0.0 32.8

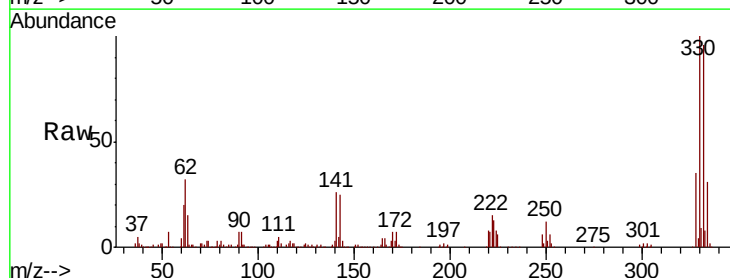


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

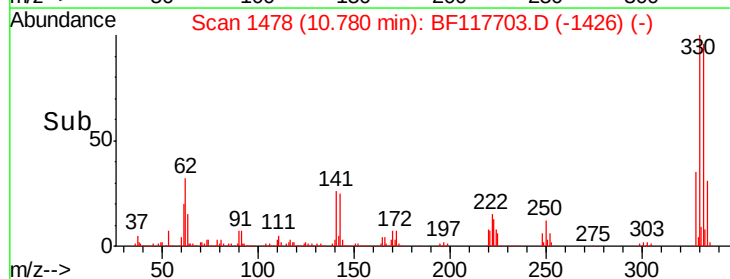
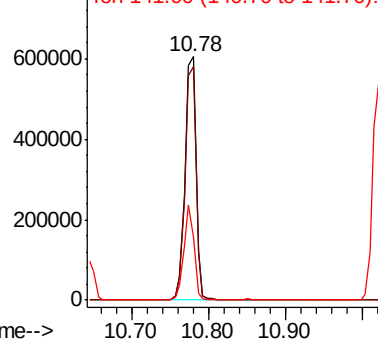


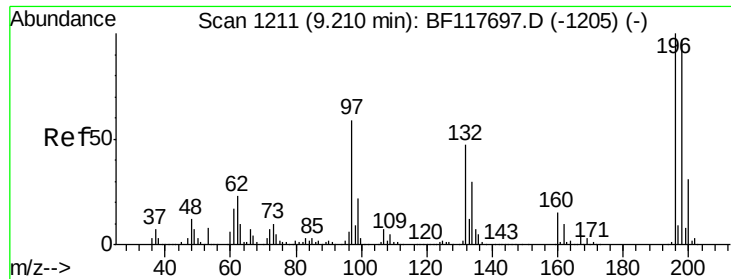
#42
2,4,6-Tribromophenol
Concen: 77.321 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:330 Resp: 593094
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 35.6 28.0 42.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

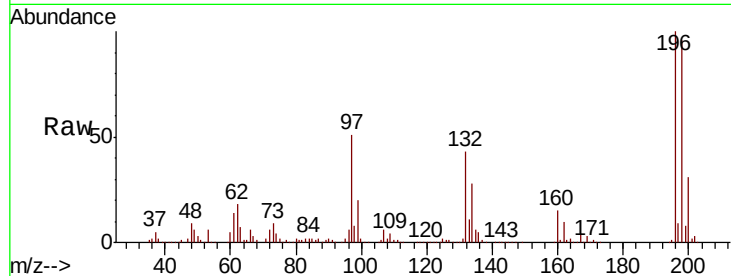




#43
 2,4,6-Trichlorophenol
 Concen: 38.347 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF117703.D
 Acq: 6 Nov 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	599124
Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.8	116.6
200	31.3	25.0	37.6

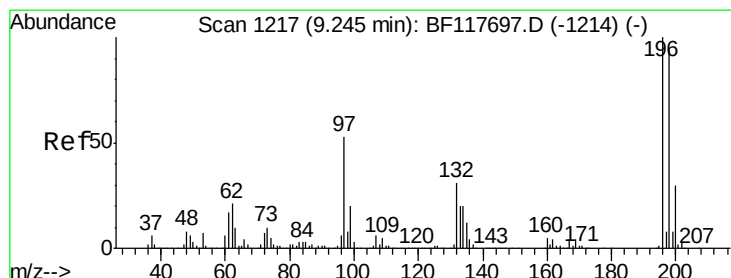
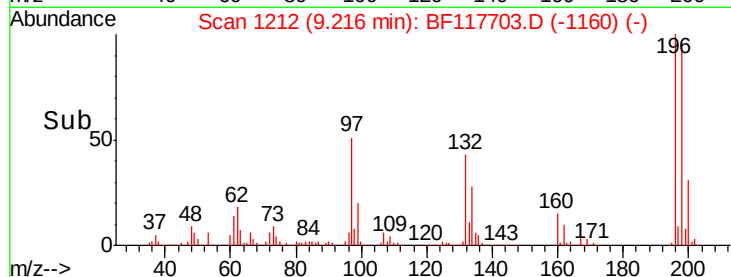
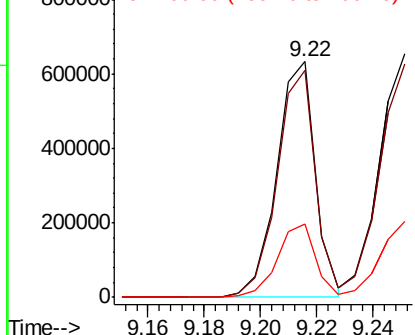


Abundance

Ion 196.00 (195.70 to 196.70): E

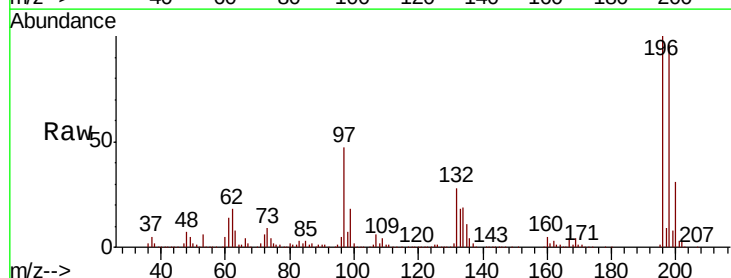
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.698 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF117703.D
 Acq: 6 Nov 2019 17:22

Tgt Ion	196	Resp	612836
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
97	46.8	42.5	63.7
132	28.4	24.7	37.1



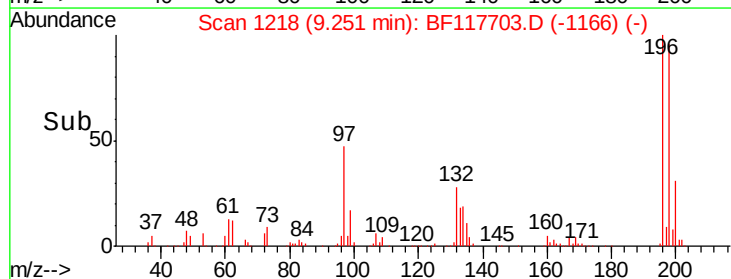
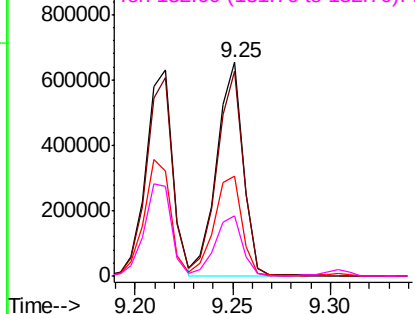
Abundance

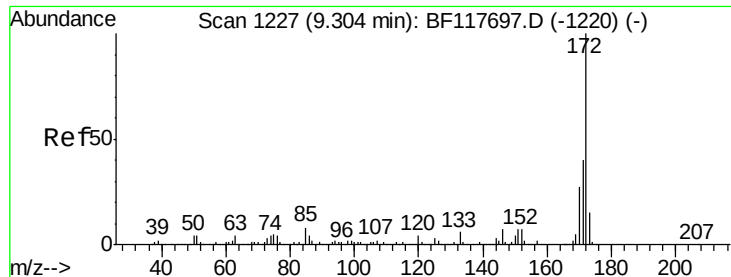
Ion 196.00 (195.70 to 196.70): E

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

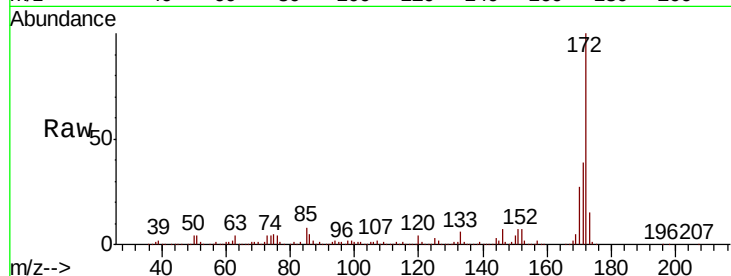




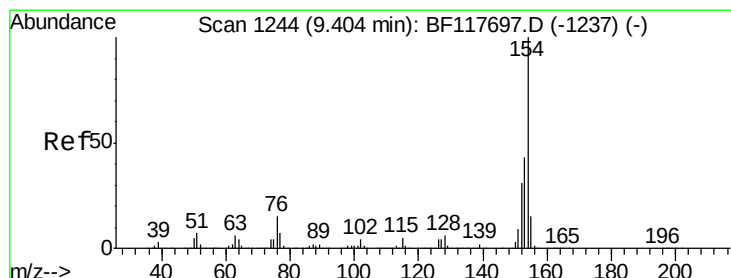
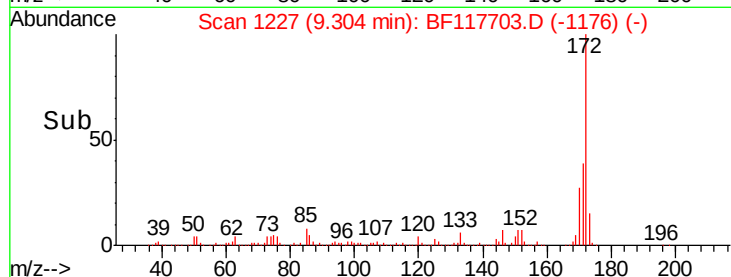
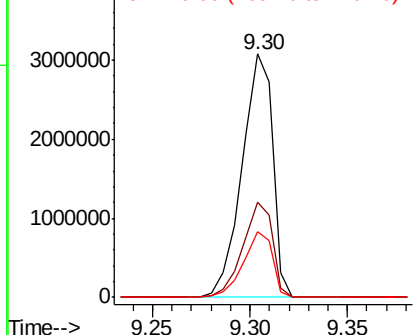
#45
2-Fluorobiphenyl
Concen: 84.254 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3348449
Ion Ratio Lower Upper
172 100
171 38.9 31.8 47.8
170 27.0 21.6 32.4

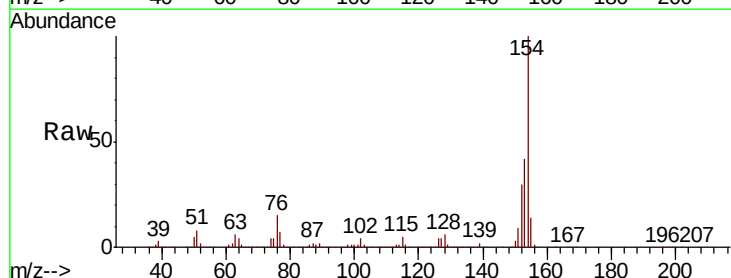


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

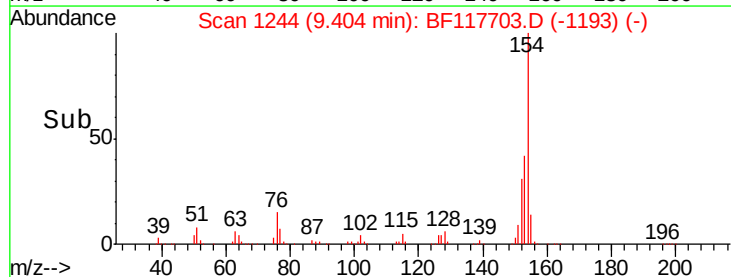
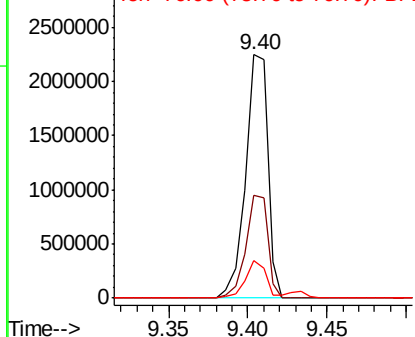


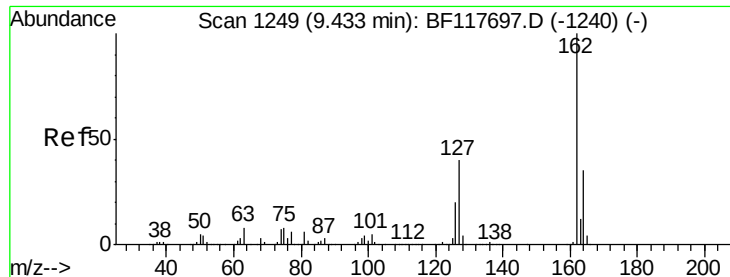
#46
1,1'-Biphenyl
Concen: 39.485 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:154 Resp: 2168398
Ion Ratio Lower Upper
154 100
153 42.4 23.2 63.2
76 15.2 0.0 34.7



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

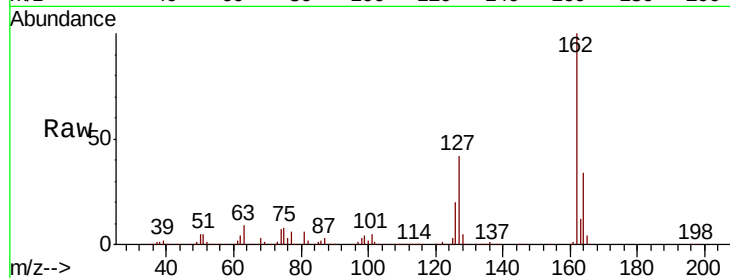




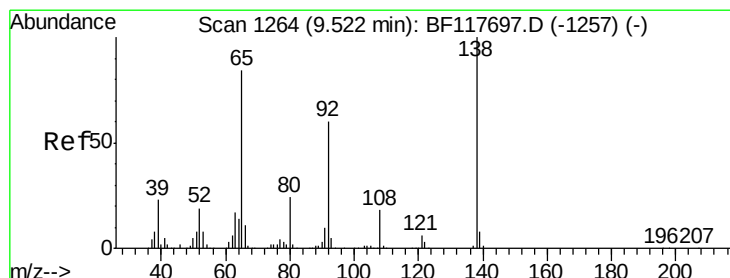
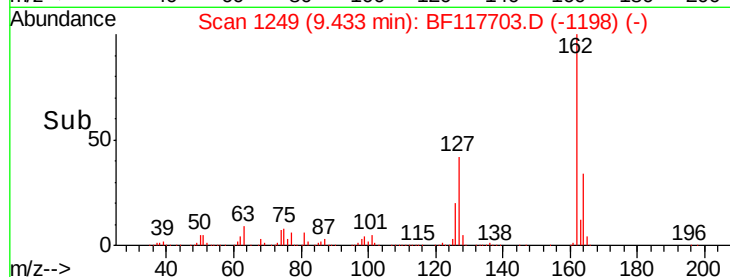
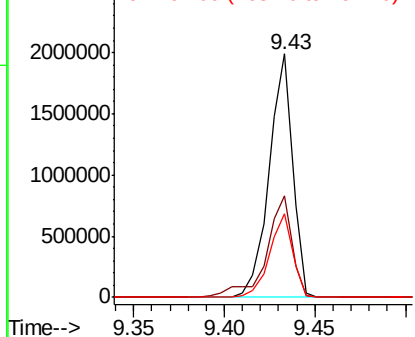
#47
2-Chloronaphthalene
Concen: 39.189 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1785966
Ion Ratio Lower Upper
162 100
127 41.5 32.2 48.4
164 34.2 28.1 42.1

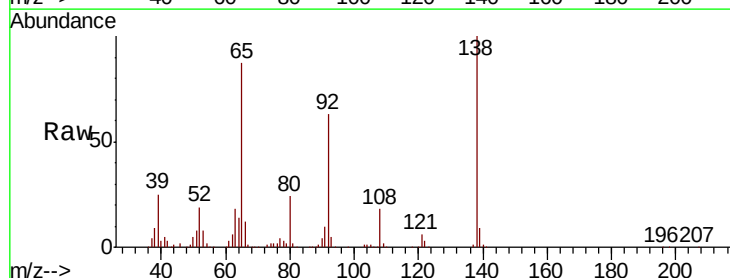


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

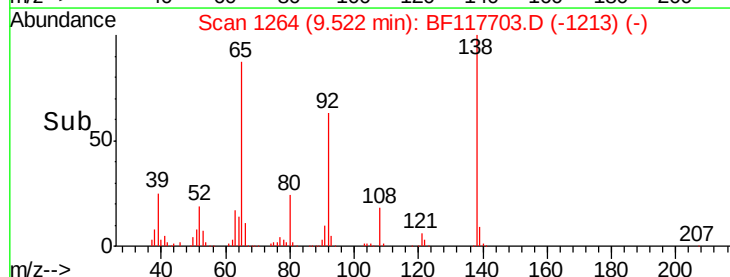
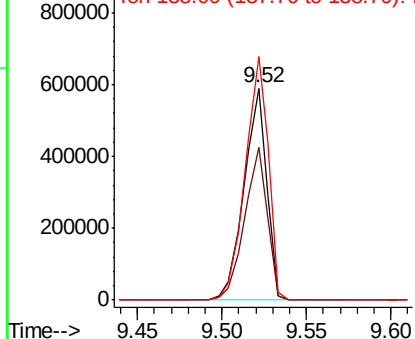


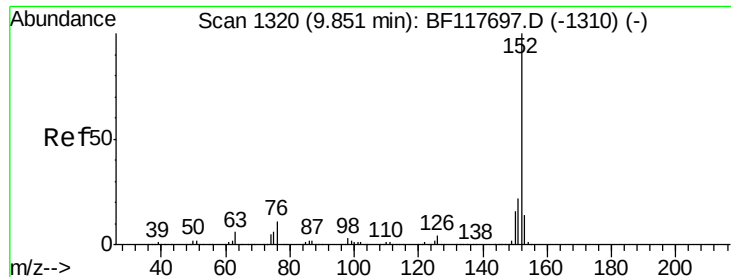
#48
2-Nitroaniline
Concen: 38.926 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion: 65 Resp: 555921
Ion Ratio Lower Upper
65 100
92 72.2 57.3 85.9
138 114.9 95.0 142.6



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: 39.227 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

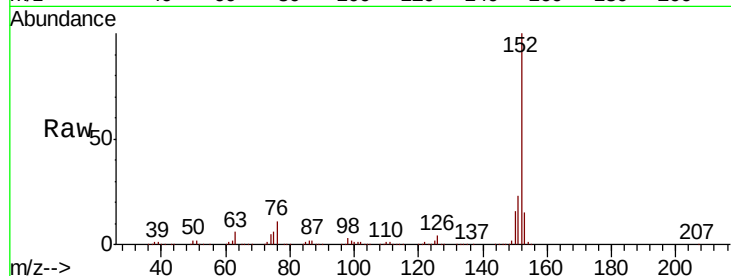
Tot Ion:152 Resp: 2603494

Ion Ratio Lower Upper

152 100

151 22.5 17.8 26.6

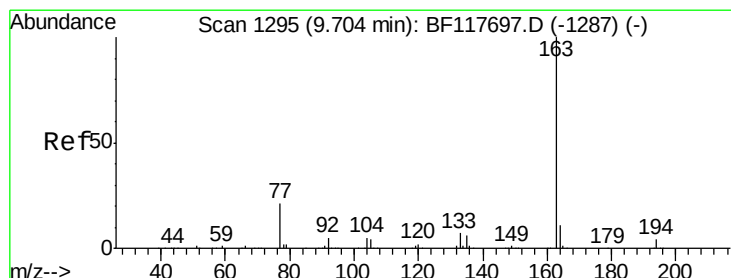
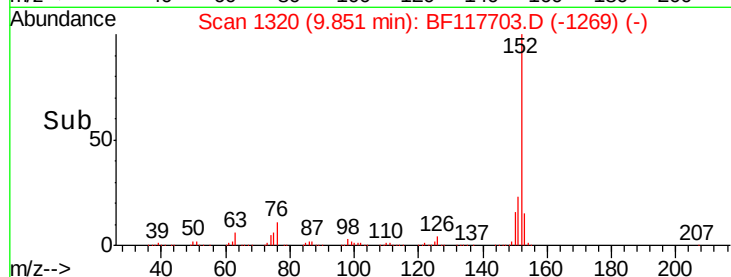
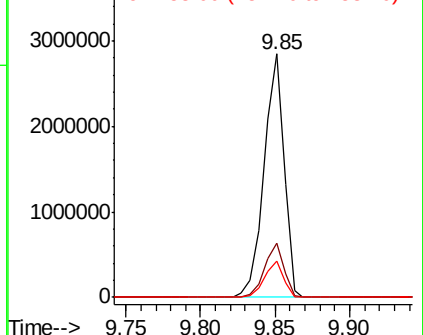
153 14.7 11.5 17.3



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: 38.470 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

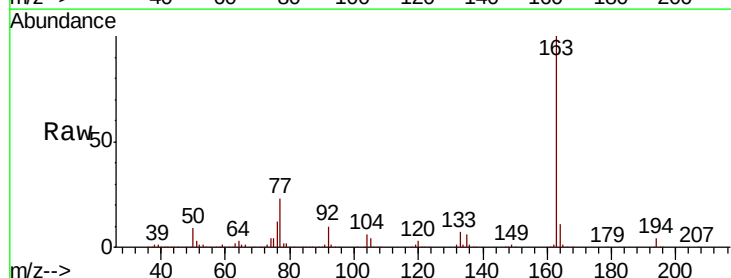
Tgt Ion:163 Resp: 2039270

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

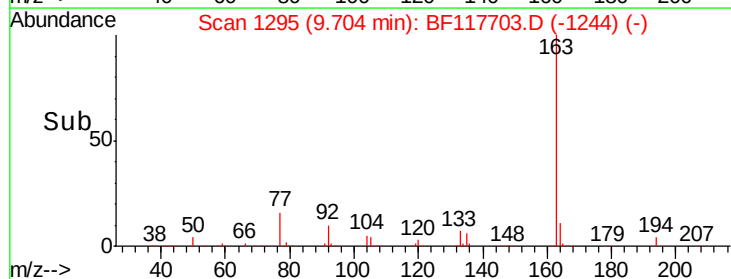
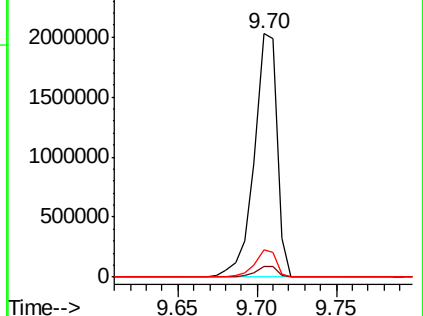
164 11.1 8.9 13.3

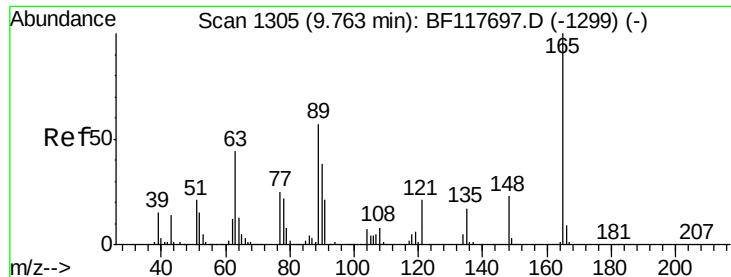


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

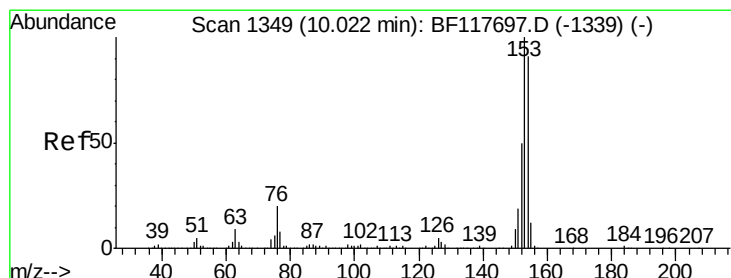
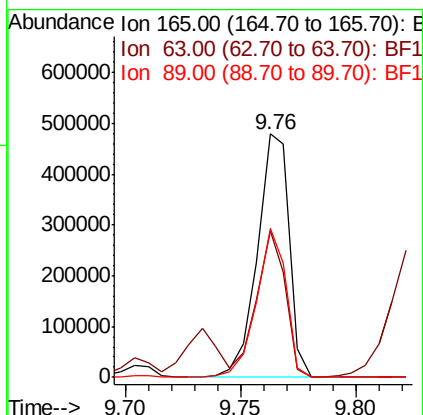
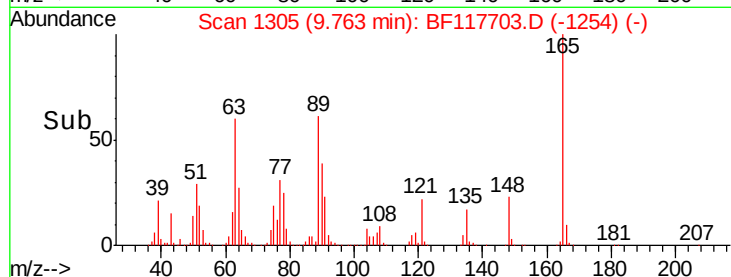
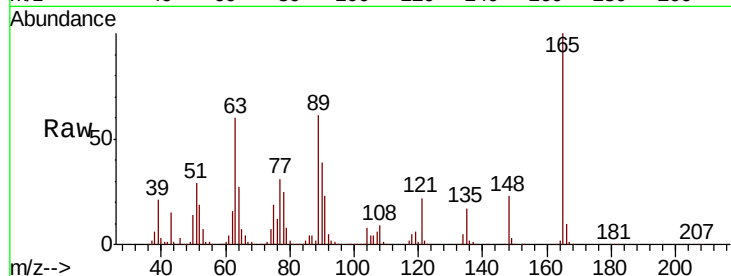




#51
 2,6-Dinitrotoluene
 Concen: 38.810 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF117703.D
 Acq: 6 Nov 2019 17:22

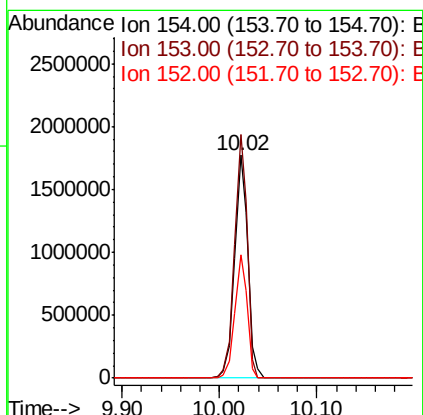
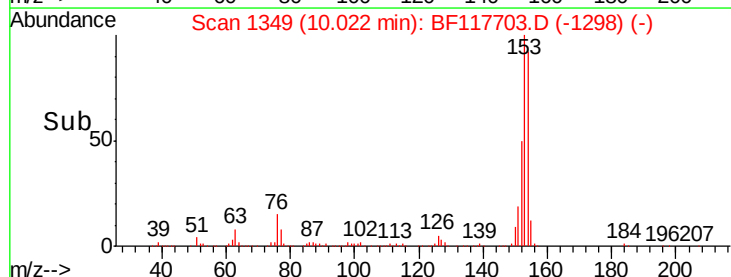
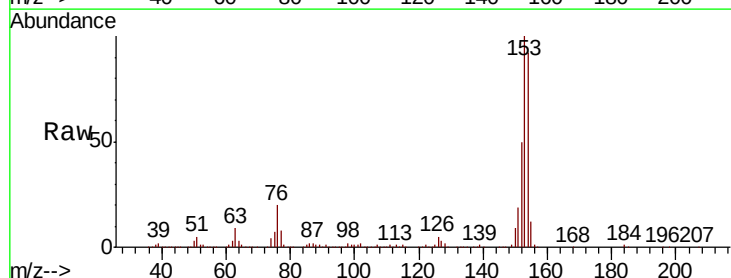
Instrument :
 BNA_F
 ClientSampleId :

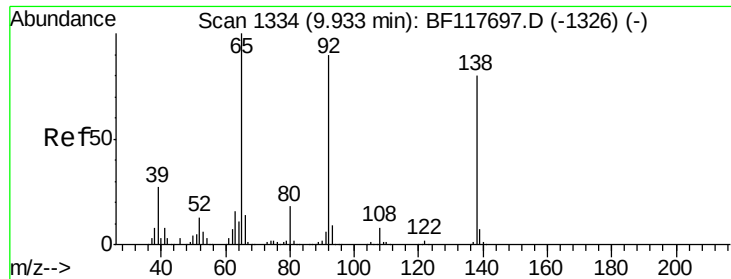
Tot Ion:165 Resp: 460681
 Ion Ratio Lower Upper
 165 100
 63 60.3 45.6 68.4
 89 60.9 45.8 68.6



#52
 Acenaphthene
 Concen: 38.835 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF117703.D
 Acq: 6 Nov 2019 17:22

Tgt Ion:154 Resp: 1663174
 Ion Ratio Lower Upper
 154 100
 153 109.2 87.8 131.6
 152 55.1 43.5 65.3

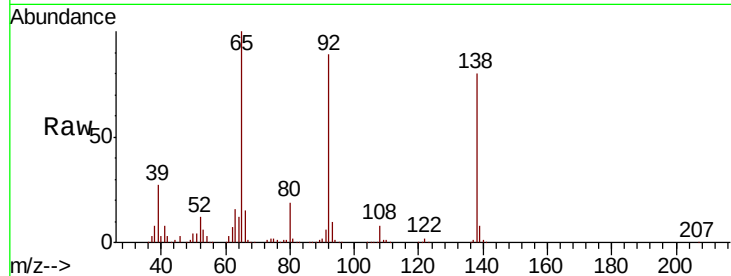




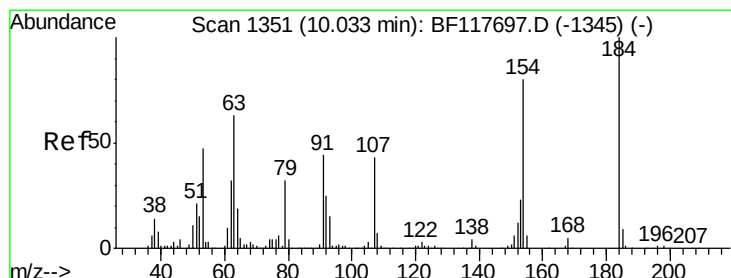
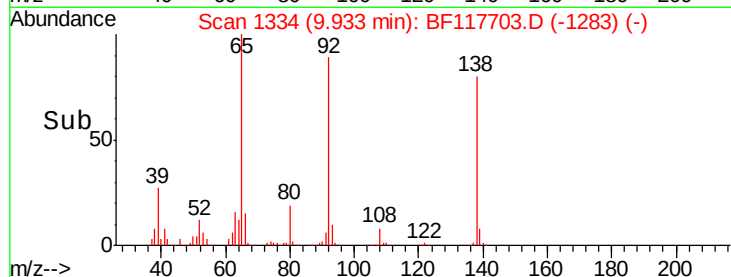
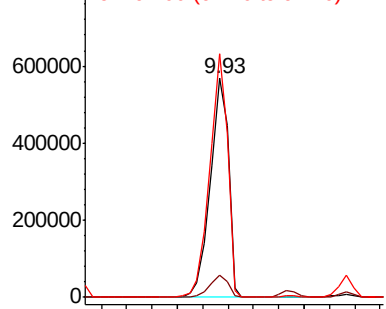
#53
3-Nitroaniline
Concen: 38.933 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 557543
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 111.1 89.8 134.8

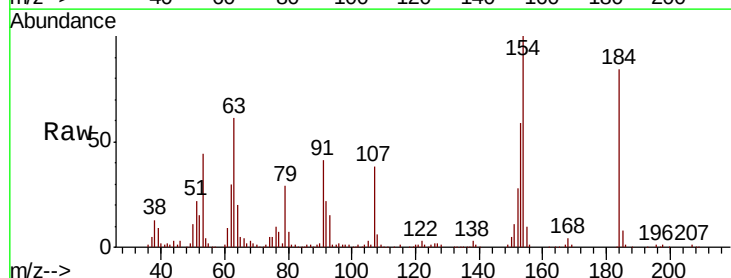


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

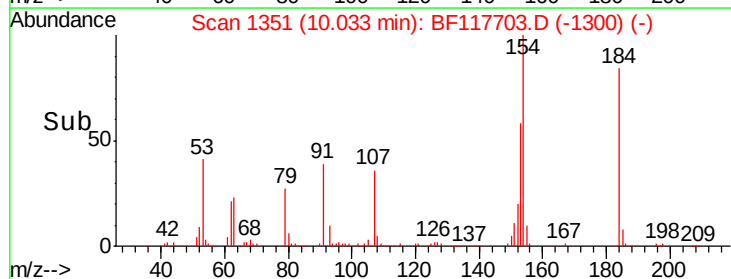
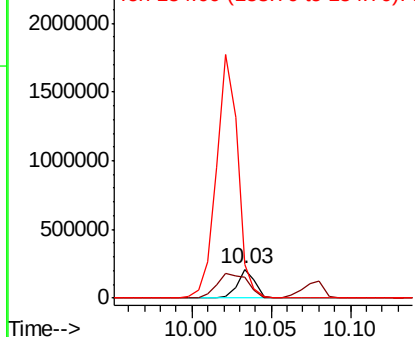


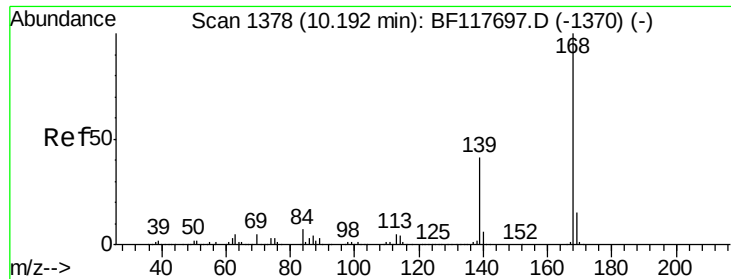
#54
2,4-Dinitrophenol
Concen: 40.010 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:184 Resp: 162816
Ion Ratio Lower Upper
184 100
63 73.2 51.4 77.0
154 119.6 70.2 105.2#



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

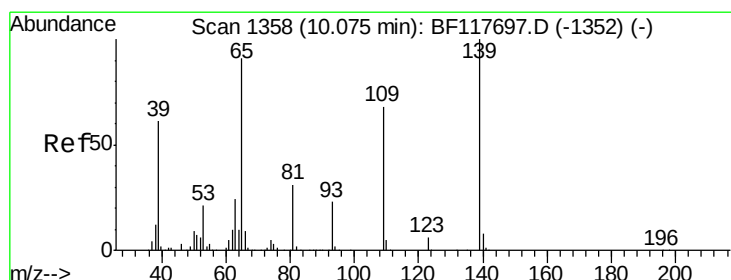
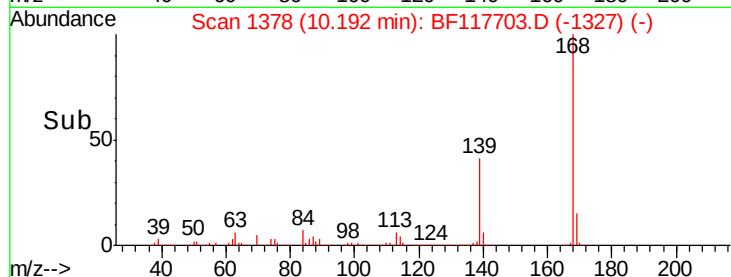
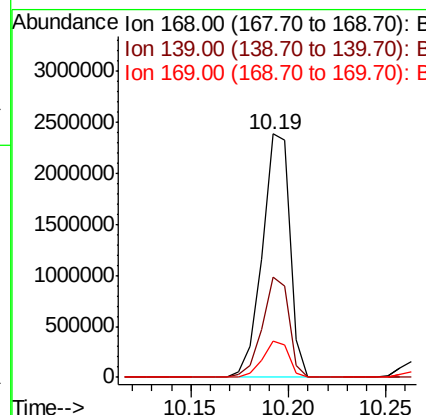
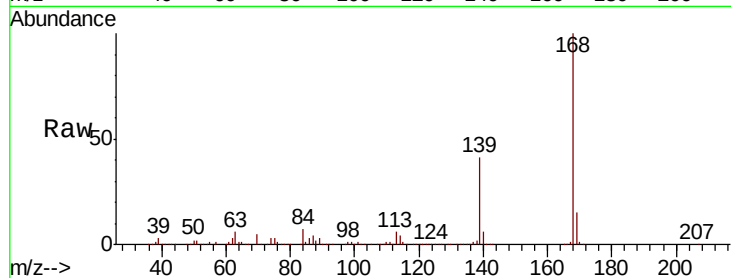




#55
Dibenzofuran
Concen: 39.025 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

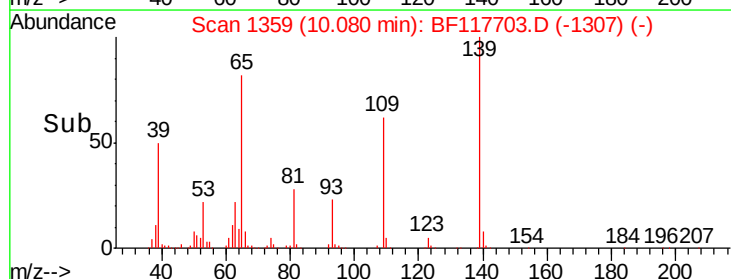
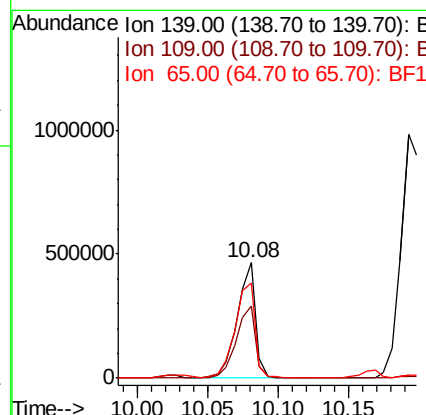
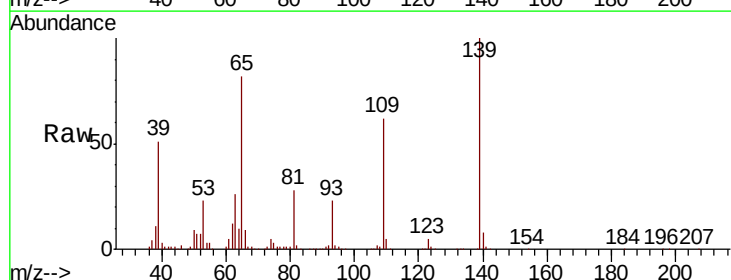
Instrument :
BNA_F
ClientSampleId :

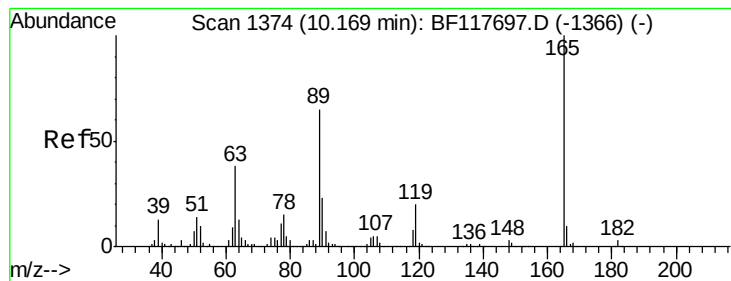
Tot Ion:168 Resp: 2338678
Ion Ratio Lower Upper
168 100
139 41.1 33.2 49.8
169 14.9 11.7 17.5



#56
4-Nitrophenol
Concen: 38.924 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:139 Resp: 419200
Ion Ratio Lower Upper
139 100
109 62.4 47.7 87.7
65 82.0 71.9 111.9





#57

2,4-Dinitrotoluene

Concen: 39.504 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 601517

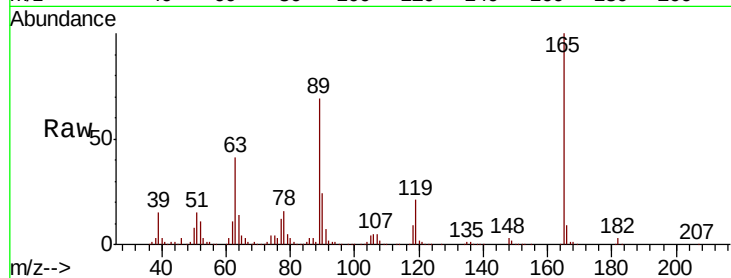
Ion Ratio Lower Upper

165 100

63 41.0 30.4 45.6

89 68.8 52.2 78.4

182 2.7 2.3 3.5

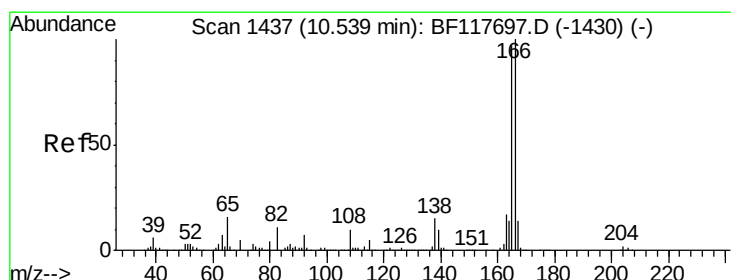
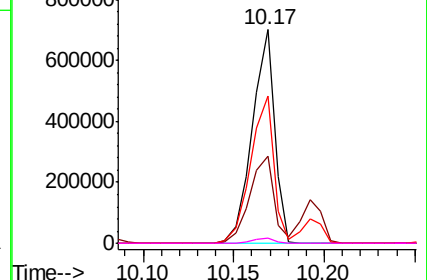
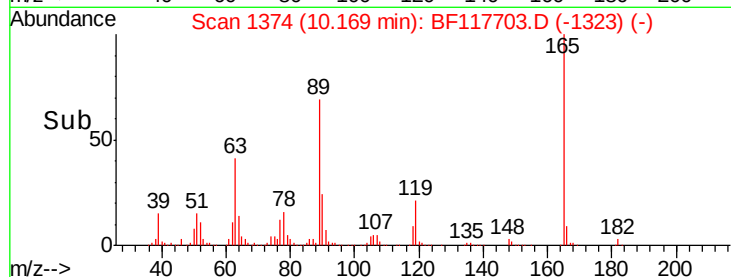


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.414 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

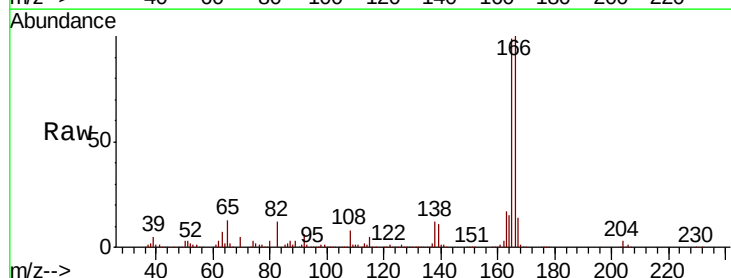
Tgt Ion:166 Resp: 1696641

Ion Ratio Lower Upper

166 100

165 98.8 77.4 116.0

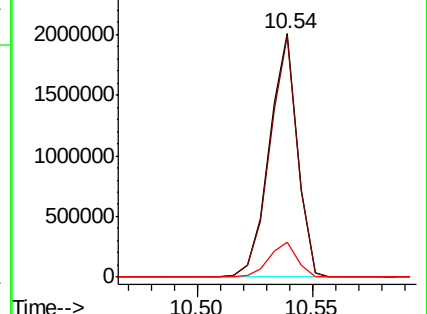
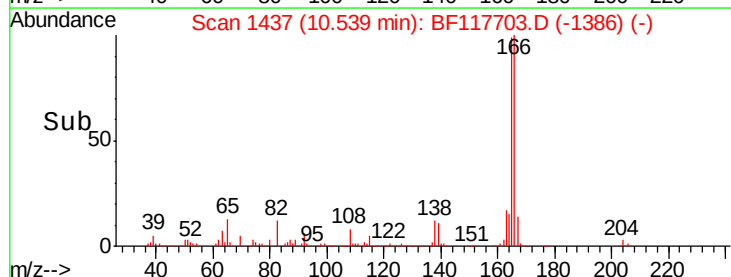
167 14.3 11.0 16.4

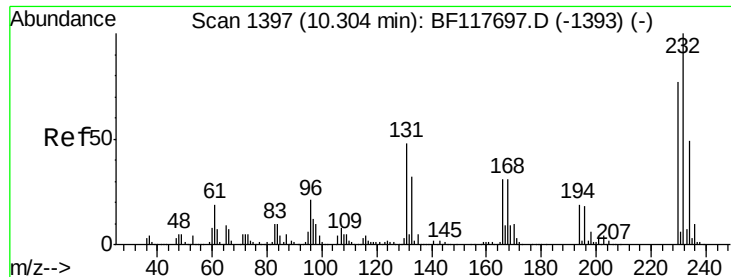


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

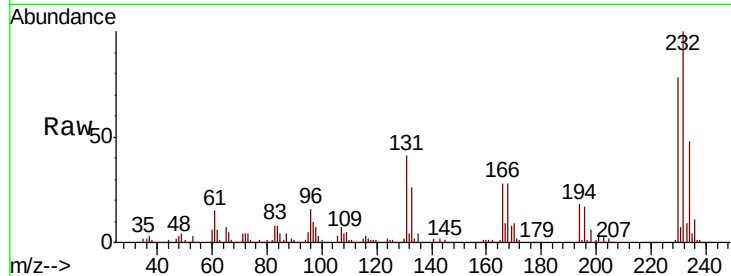




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.750 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.8	56.8
130	2.4	1.9	2.9
166	31.3	24.6	36.8



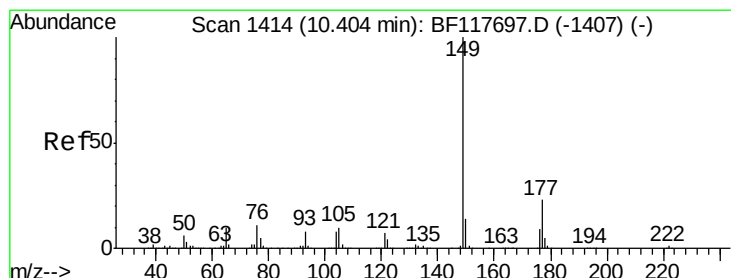
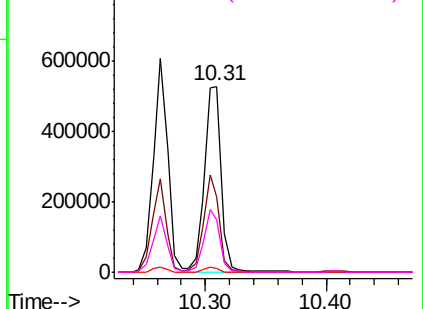
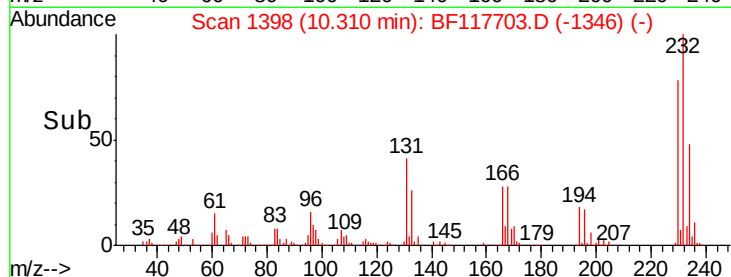
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

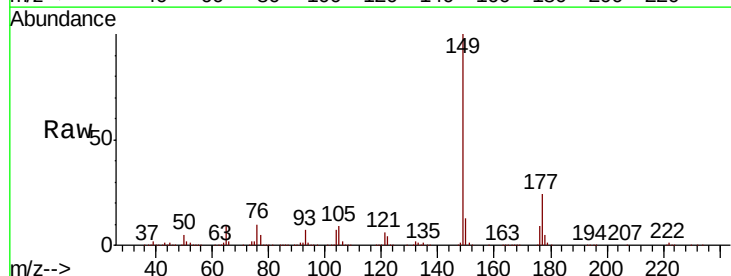
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.070 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.8	28.2
150	13.1	10.8	16.2

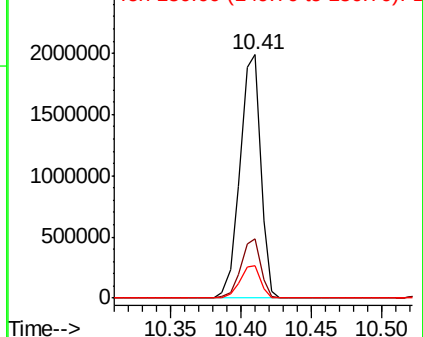
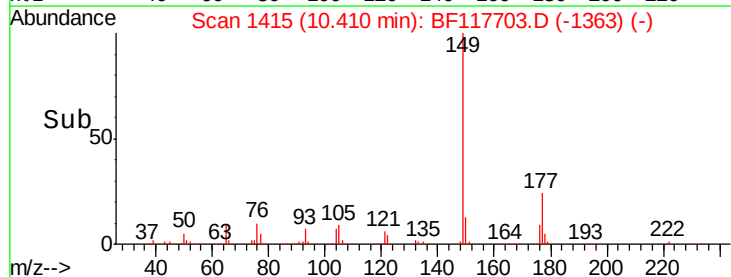


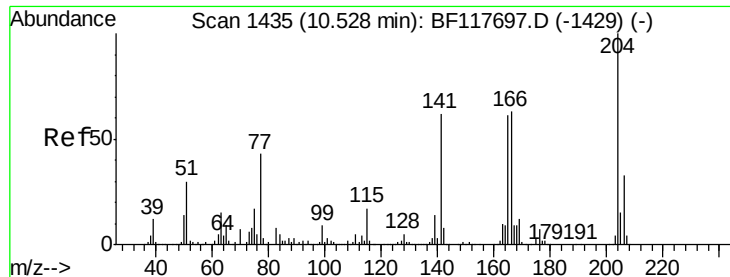
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

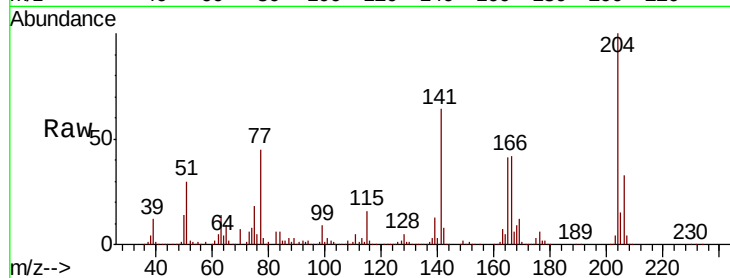




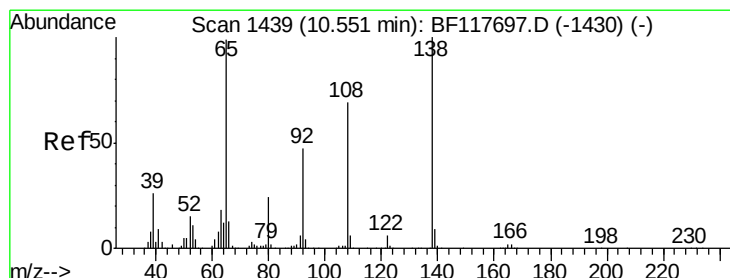
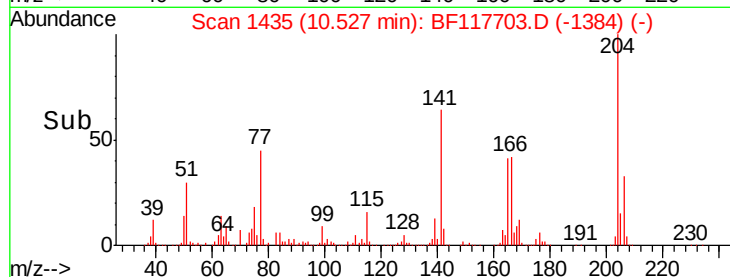
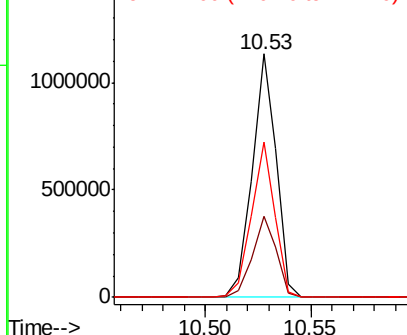
#61
4-Chlorophenyl-phenylether
Concen: 38.977 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 896156
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.4
141 63.9 49.7 74.5

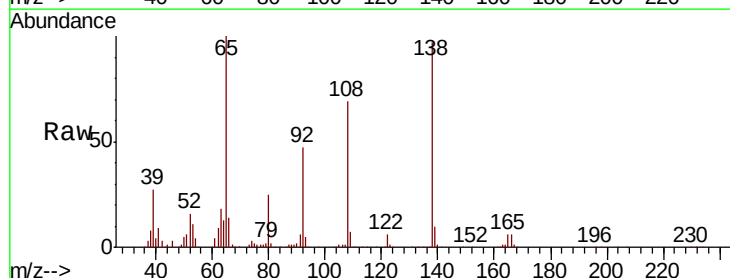


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

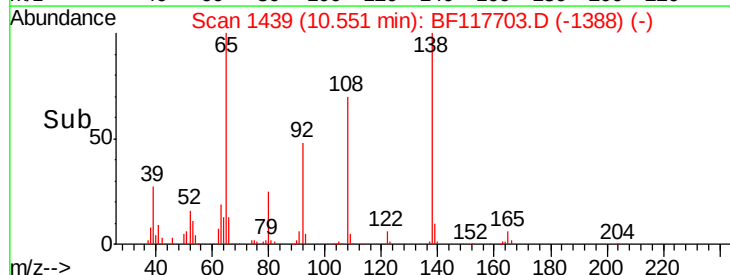
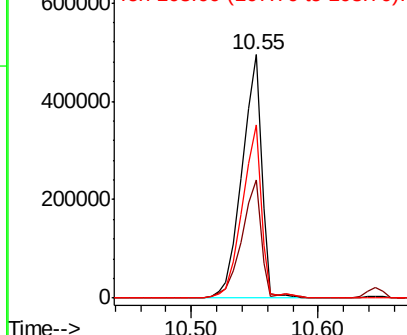


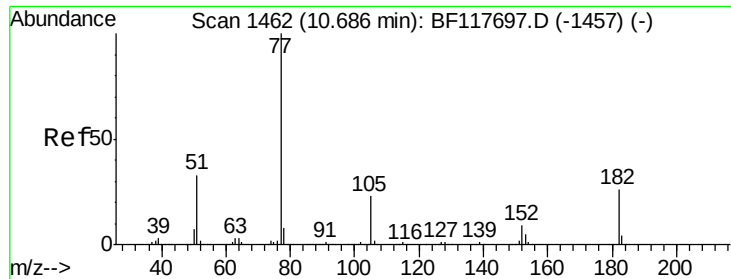
#62
4-Nitroaniline
Concen: 37.616 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:138 Resp: 530192
Ion Ratio Lower Upper
138 100
92 48.6 26.9 66.9
108 71.4 49.1 89.1



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

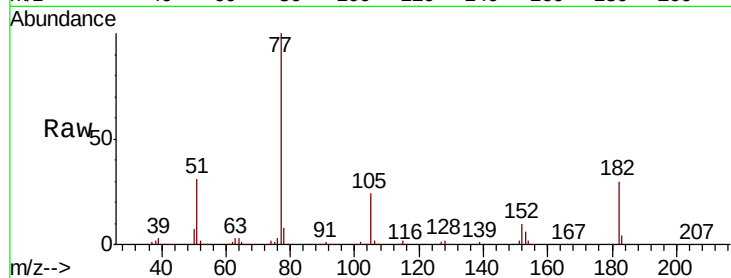




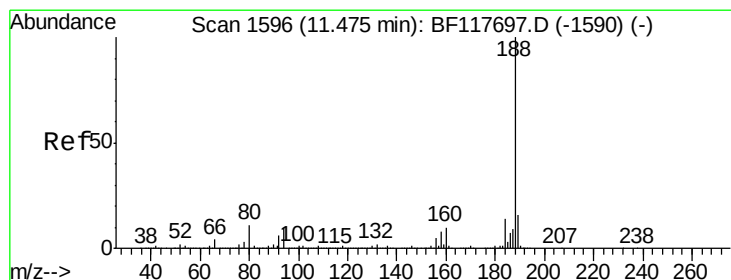
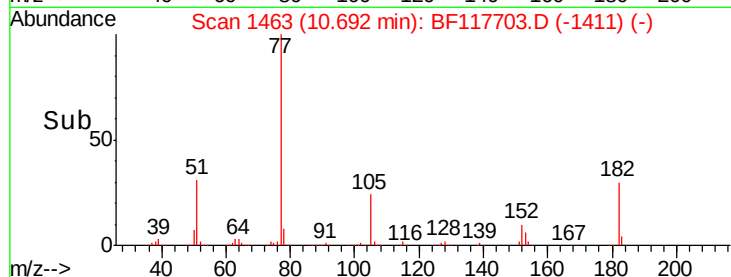
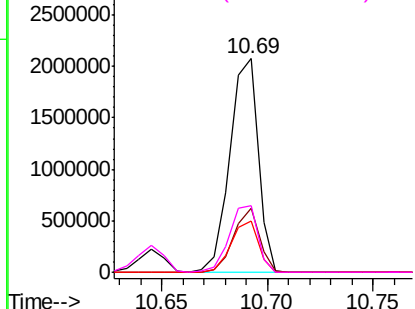
#63
Azobenzene
Concen: 38.797 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1915644
Ion Ratio Lower Upper
77 100
182 29.9 6.0 46.0
105 23.8 2.8 42.8
51 31.0 13.0 53.0

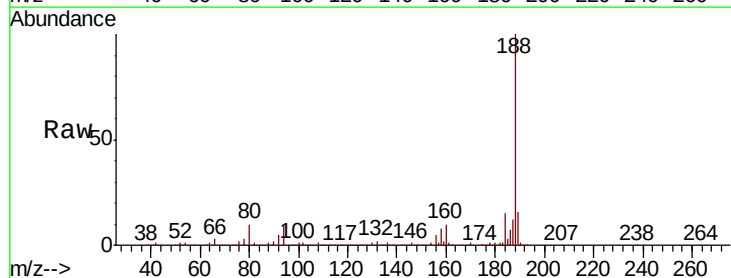


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

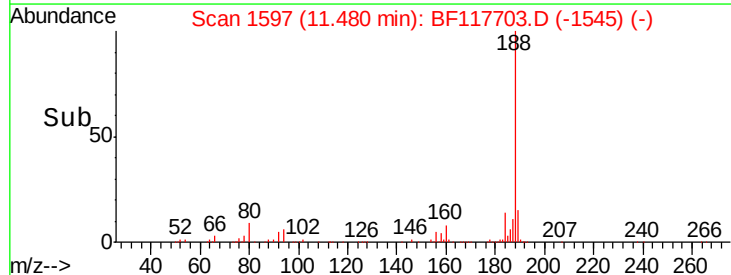
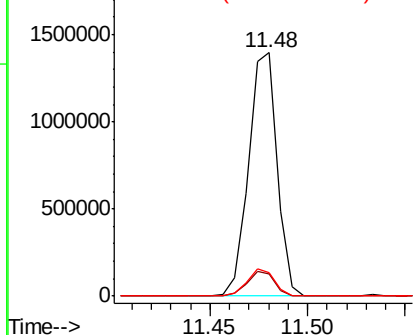


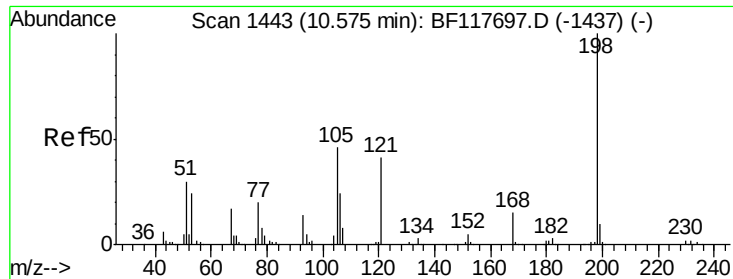
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion: 188 Resp: 1412274
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 9.8 8.6 13.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.135 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

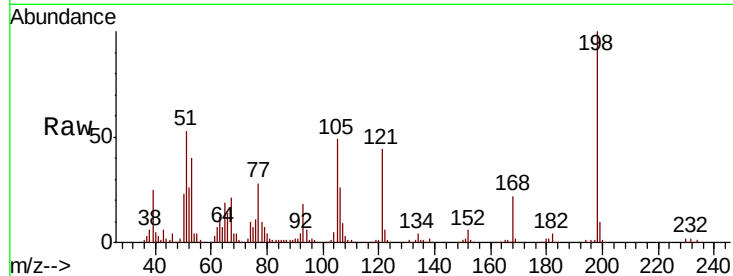
Tot Ion:198 Resp: 220695

Ion Ratio Lower Upper

198 100

51 53.5 28.1 68.1

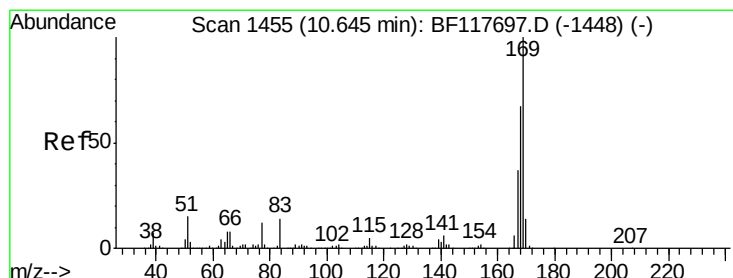
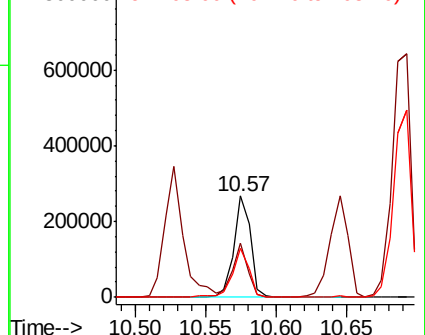
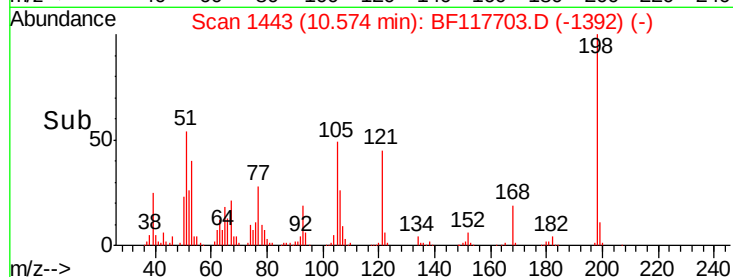
105 48.7 27.3 67.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.922 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

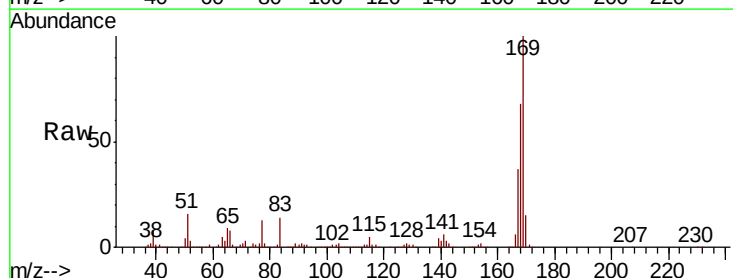
Tgt Ion:169 Resp: 1623489

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.8

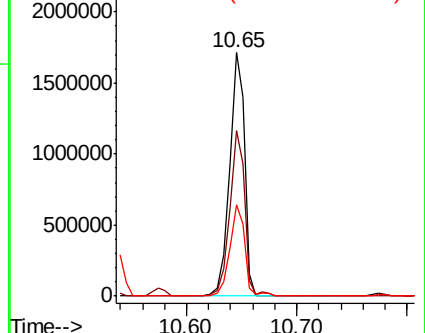
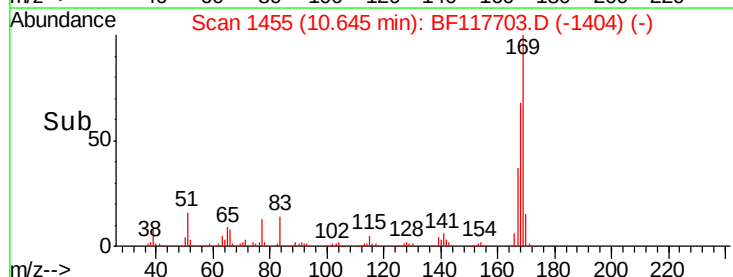
167 37.3 29.9 44.9

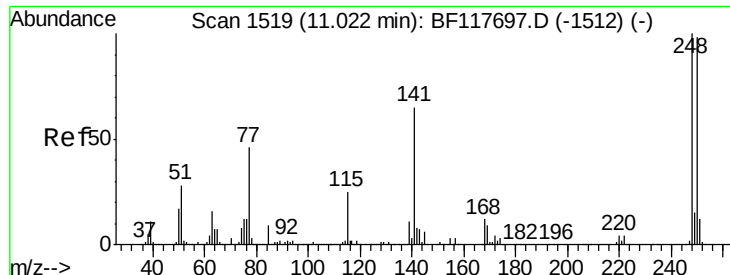


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

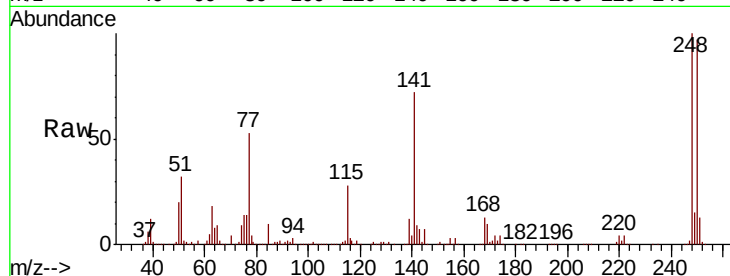




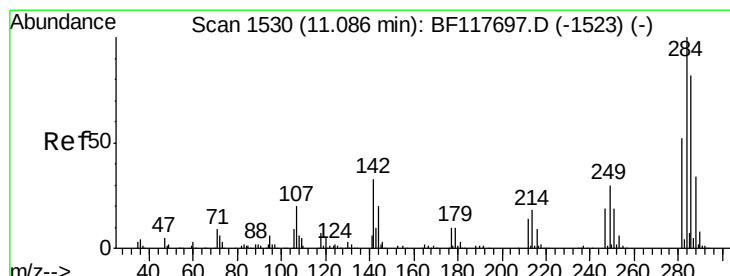
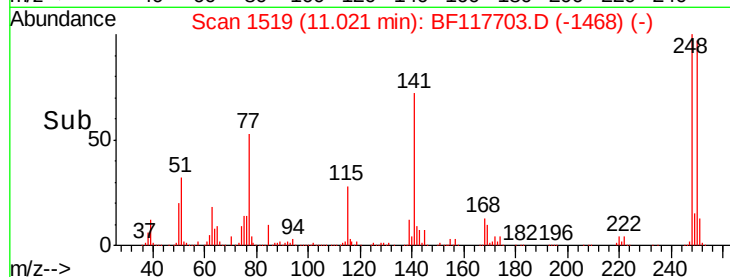
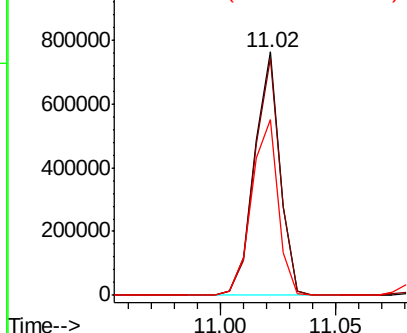
#67
4-Bromophenyl-phenylether
Concen: 38.407 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 592373
Ion Ratio Lower Upper
248 100
250 97.5 78.7 118.1
141 72.0 51.8 77.8

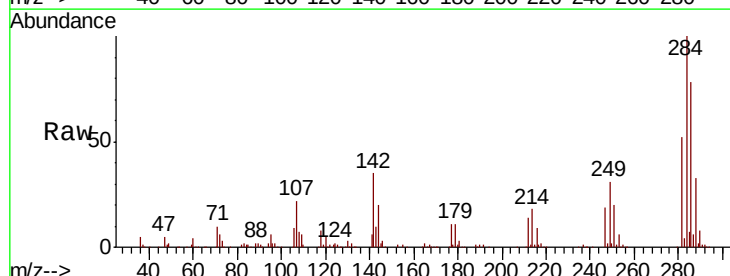


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

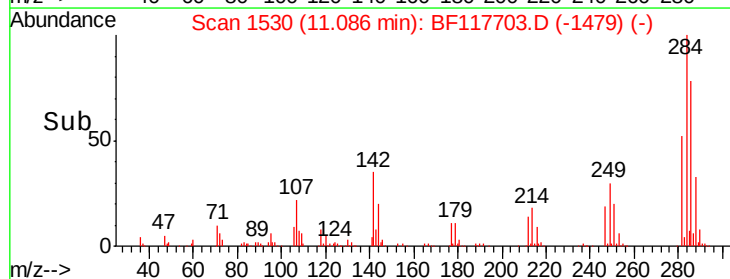
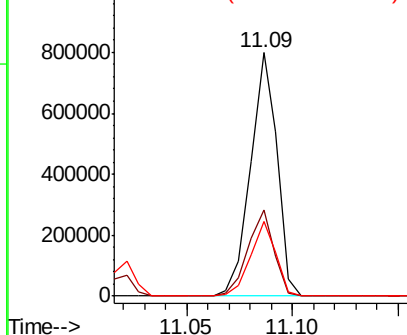


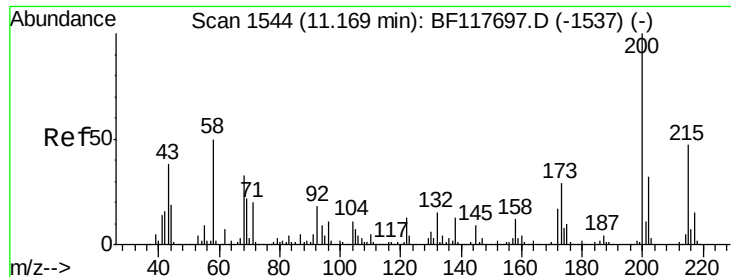
#68
Hexachlorobenzene
Concen: 39.109 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:284 Resp: 696819
Ion Ratio Lower Upper
284 100
142 35.3 26.6 39.8
249 30.5 24.4 36.6



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

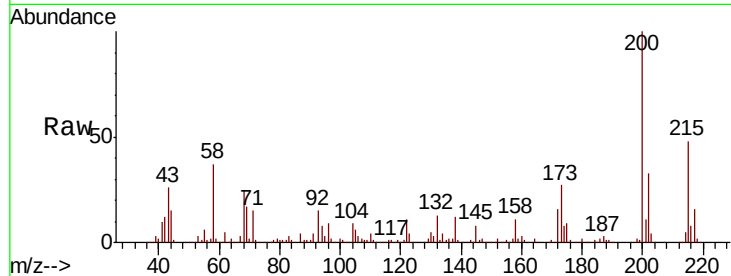




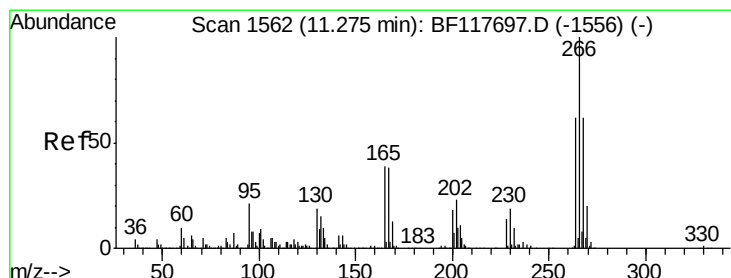
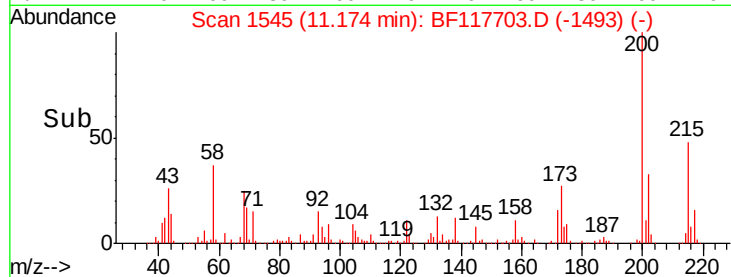
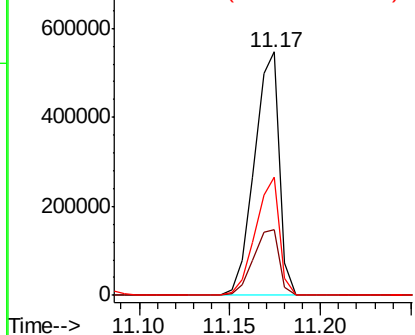
#69
 Atrazine
 Concen: 37.960 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF117703.D
 Acq: 6 Nov 2019 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 521768
 Ion Ratio Lower Upper
 200 100
 173 27.2 8.5 48.5
 215 48.3 27.4 67.4

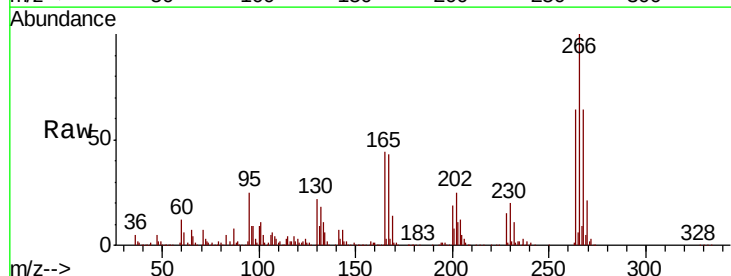


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

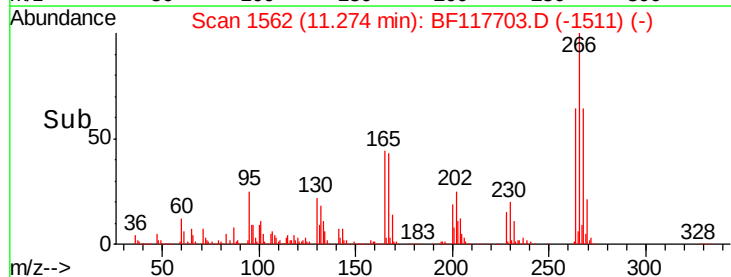
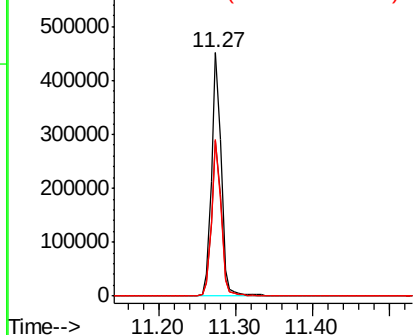


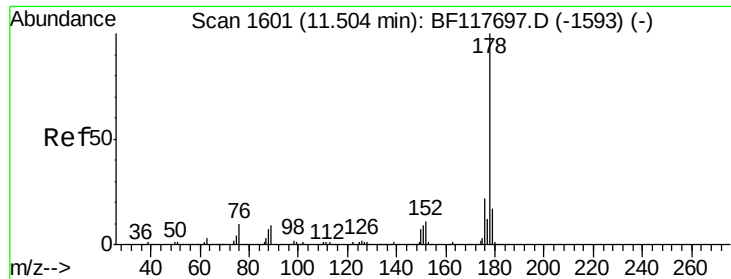
#70
 Pentachlorophenol
 Concen: 39.169 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF117703.D
 Acq: 6 Nov 2019 17:22

Tgt Ion:266 Resp: 390144
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 64.1 49.7 74.5



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





#71

Phenanthrene

Concen: 38.955 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

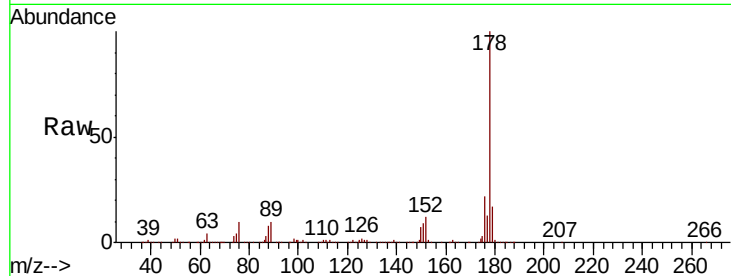
Tot Ion:178 Resp: 2636951

Ion Ratio Lower Upper

178 100

176 21.6 17.7 26.5

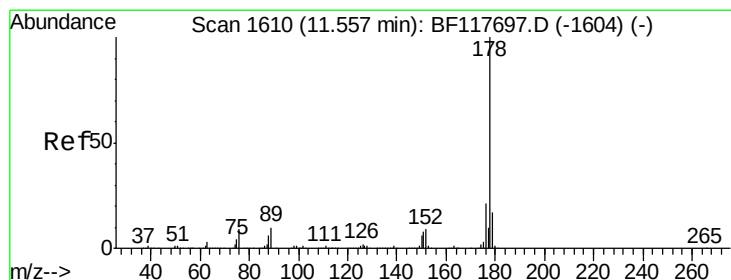
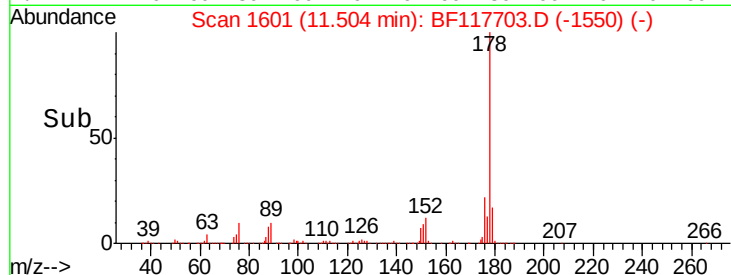
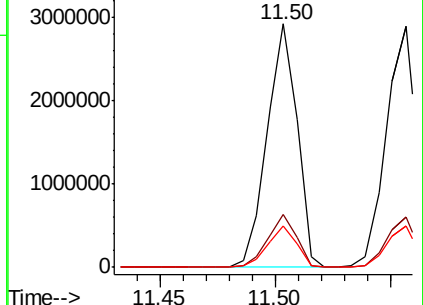
179 17.2 13.8 20.8



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: 39.284 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

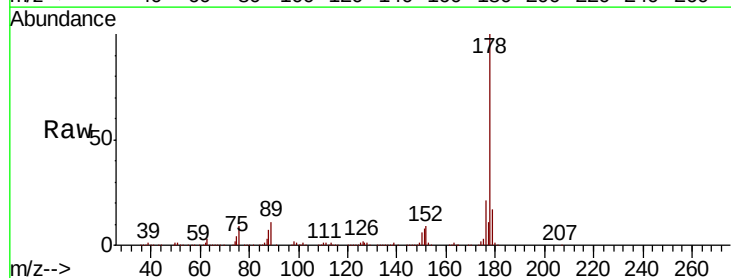
Tgt Ion:178 Resp: 2645670

Ion Ratio Lower Upper

178 100

176 21.1 16.6 25.0

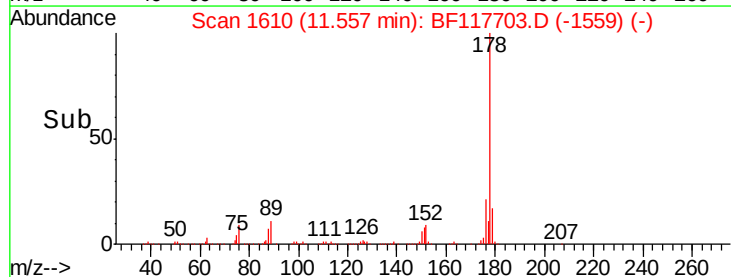
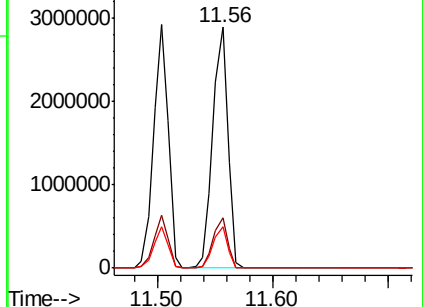
179 17.3 13.5 20.3

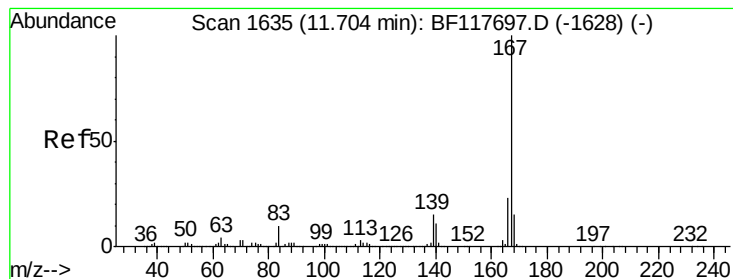


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.743 ng

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

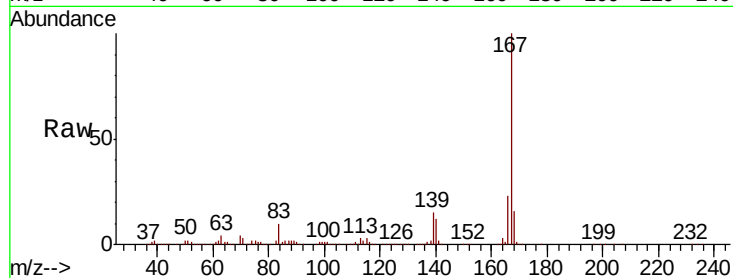
Tot Ion:167 Resp: 2385252

Ion Ratio Lower Upper

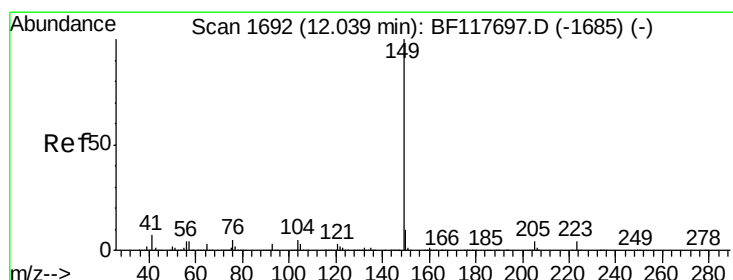
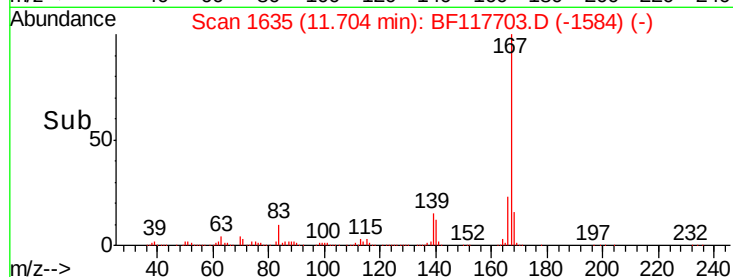
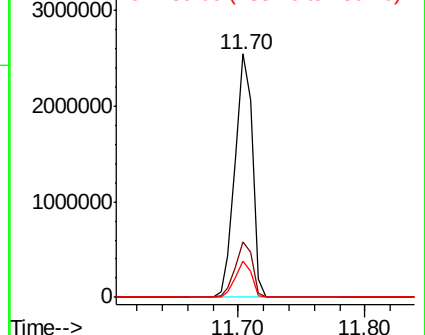
167 100

166 23.0 18.6 27.8

139 15.1 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.396 ng

RT: 12.04 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

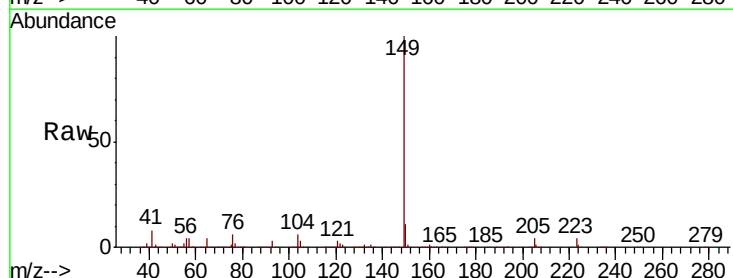
Tgt Ion:149 Resp: 2949234

Ion Ratio Lower Upper

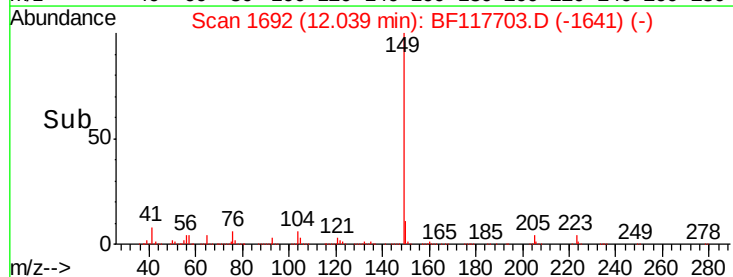
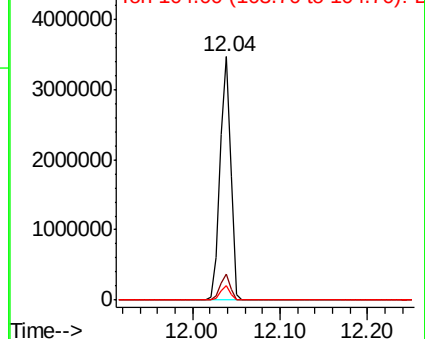
149 100

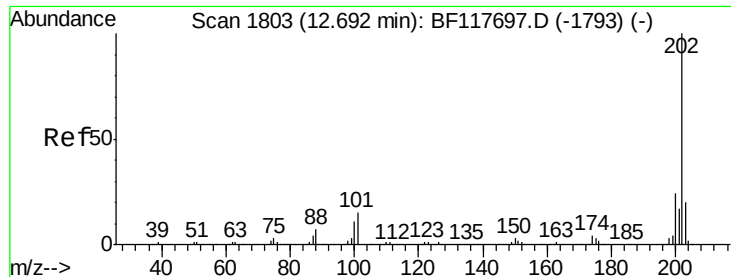
150 10.8 8.3 12.5

104 5.8 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.701 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

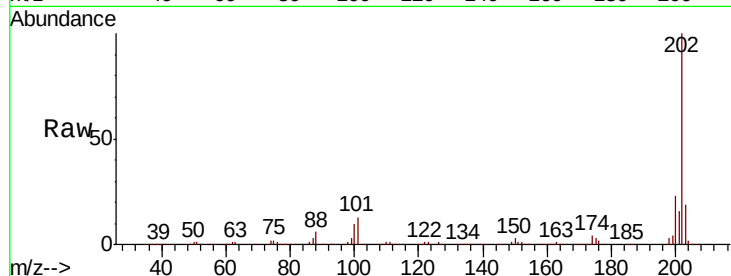
Tot Ion:202 Resp: 2675059

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.5

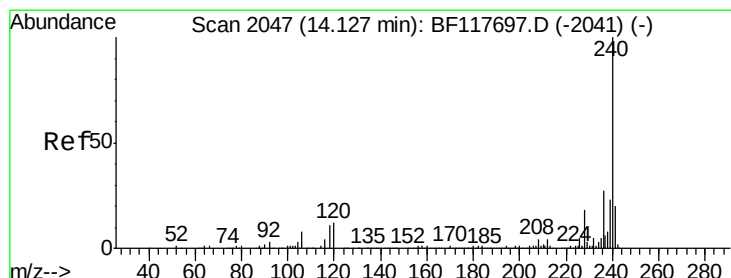
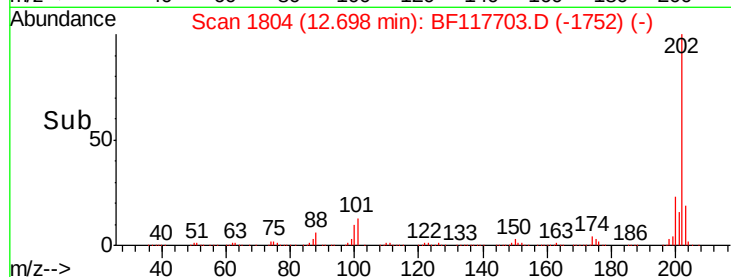
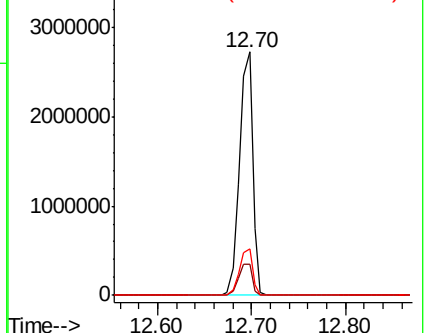
203 19.2 0.0 39.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

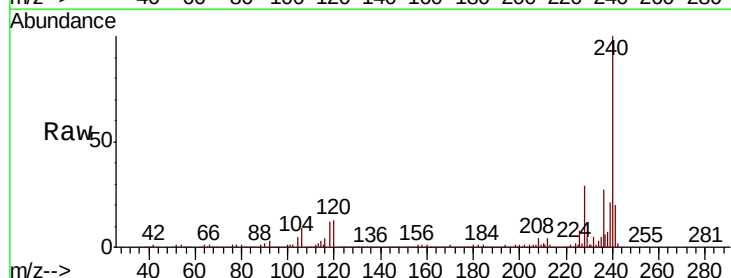
Tgt Ion:240 Resp: 950187

Ion Ratio Lower Upper

240 100

120 12.8 9.7 14.5

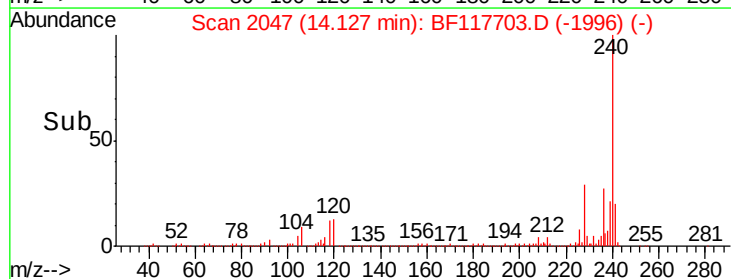
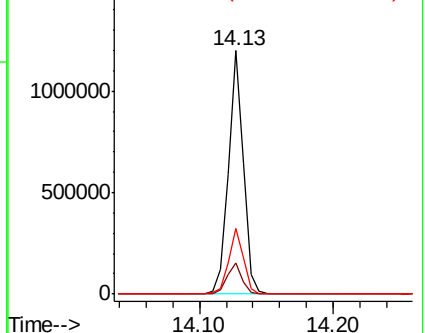
236 27.2 21.9 32.9

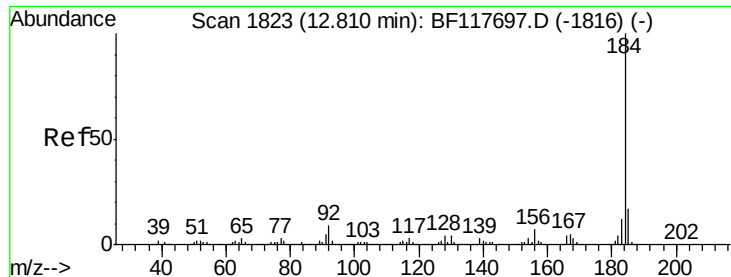


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.746 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

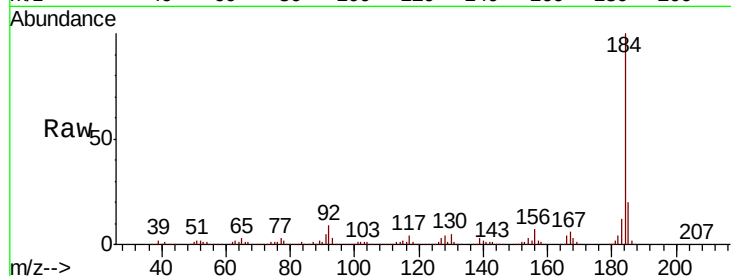
Tot Ion:184 Resp: 1180871

Ion Ratio Lower Upper

184 100

185 20.2 13.3 19.9#

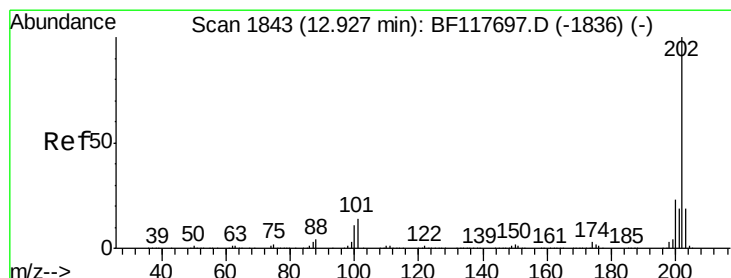
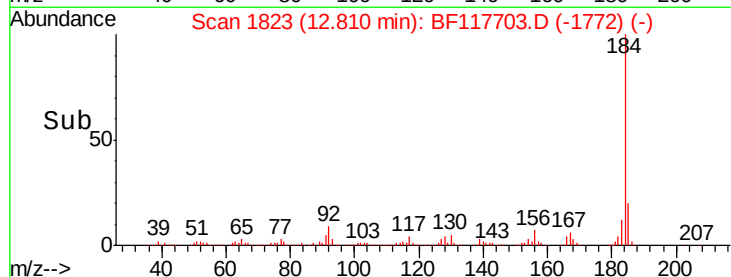
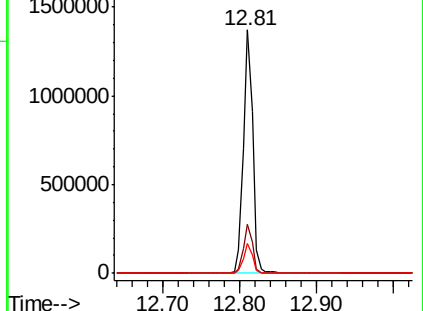
183 12.4 9.6 14.4



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: 38.920 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

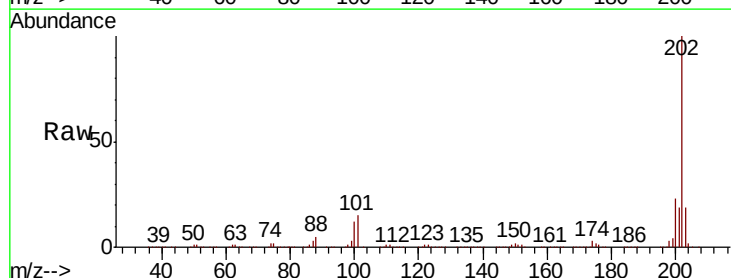
Tgt Ion:202 Resp: 2699580

Ion Ratio Lower Upper

202 100

200 23.4 18.8 28.2

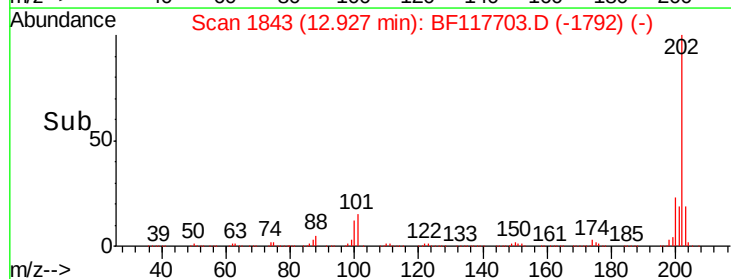
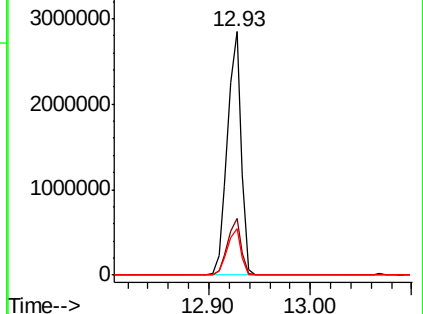
203 19.0 15.2 22.8

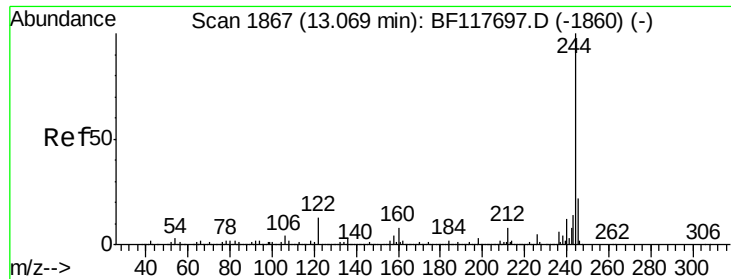


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.276 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

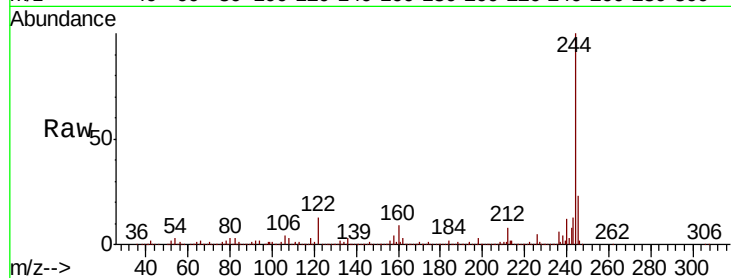
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 3566859

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.4	9.6
122	13.1	10.0	15.0

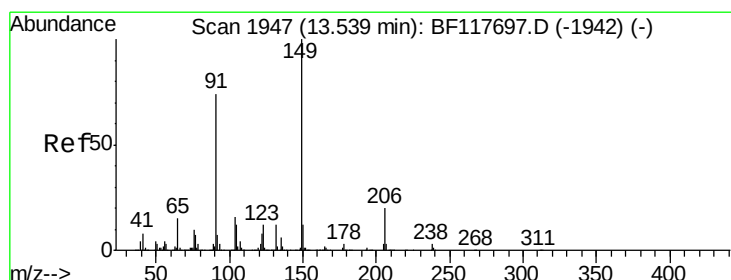
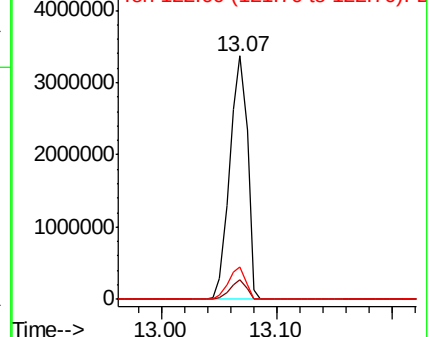
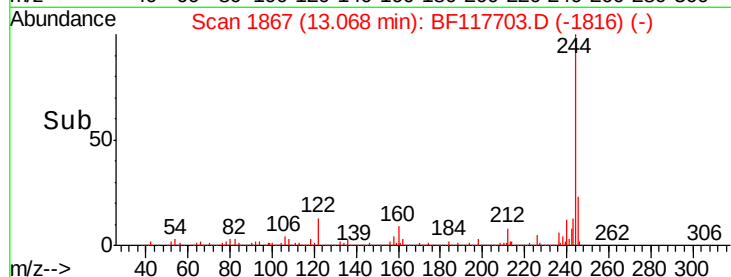


Abundance

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: 39.450 ng

RT: 13.54 min Scan# 1948

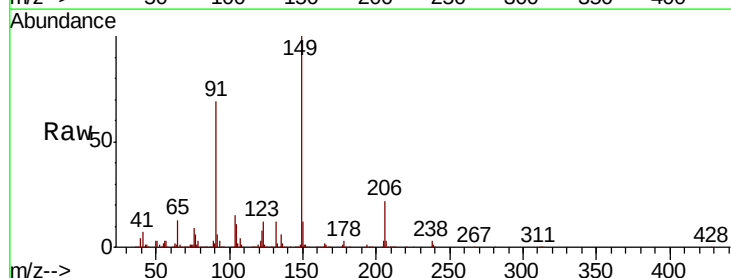
Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Tgt Ion:149 Resp: 1263942

Ion	Ratio	Lower	Upper
149	100		
91	68.6	59.1	88.7
206	21.6	16.1	24.1

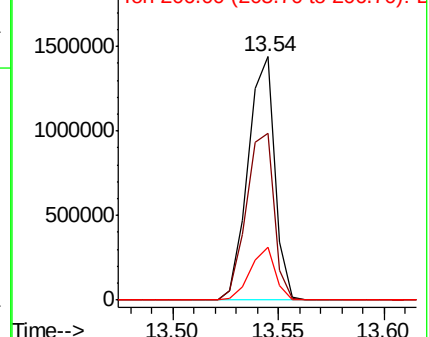
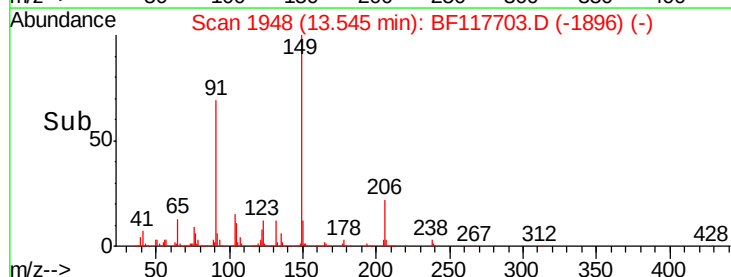


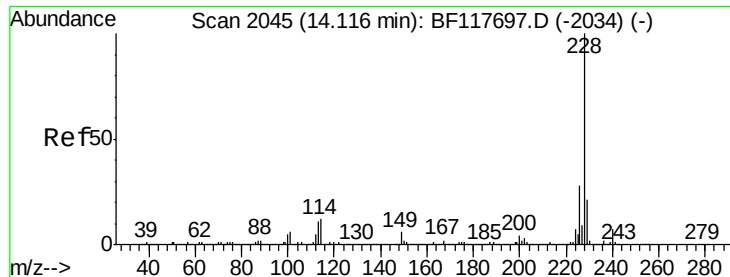
Abundance

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: 39.084 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

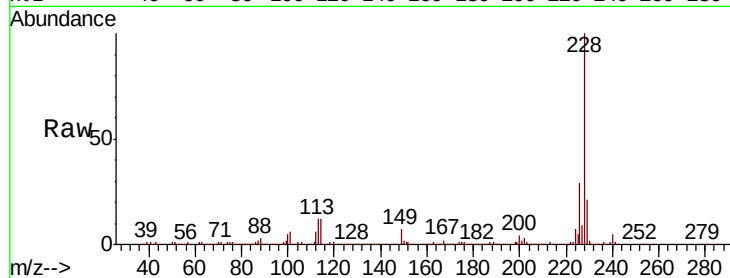
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 2311619

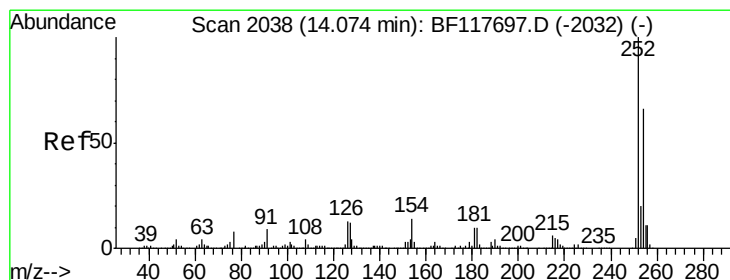
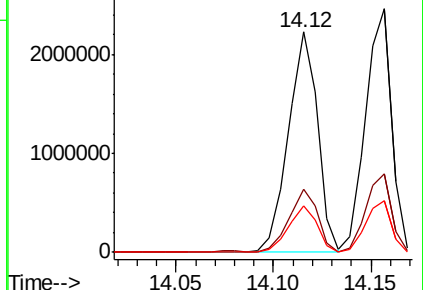
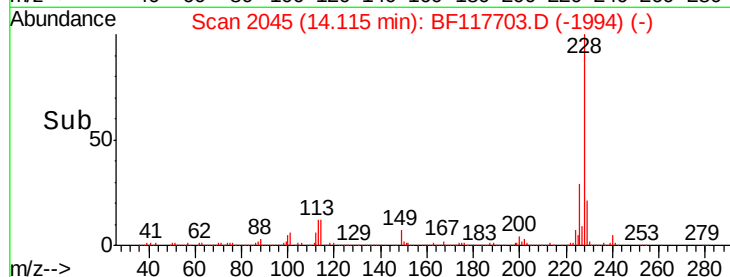
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.8	34.2
229	21.3	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.383 ng

RT: 14.07 min Scan# 2038

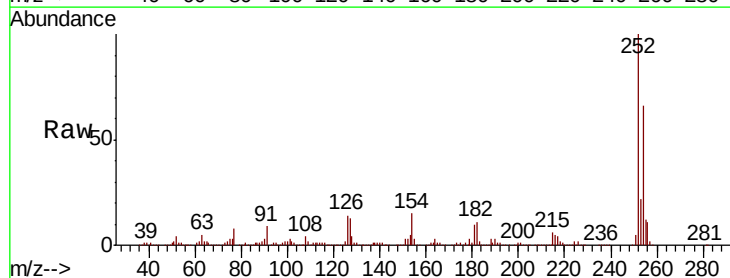
Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Tgt Ion:252 Resp: 847861

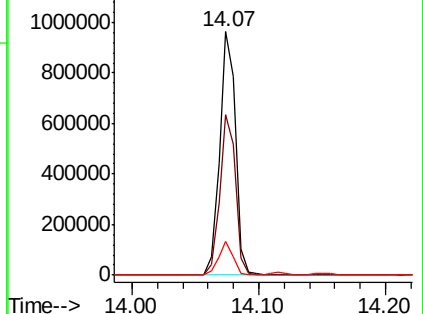
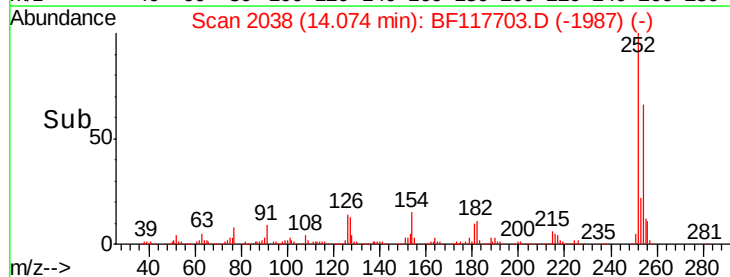
Ion	Ratio	Lower	Upper
252	100		
254	65.8	53.1	79.7
126	13.6	10.3	15.5

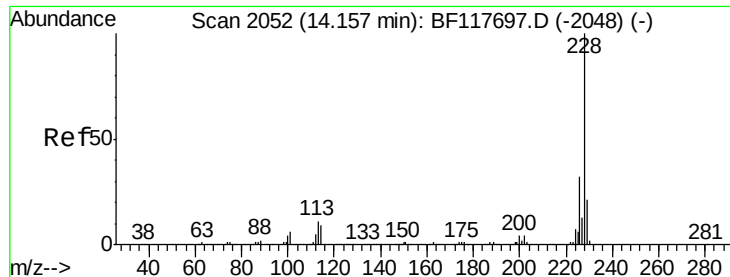


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.927 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Instrument :

BNA_F

ClientSampleId :

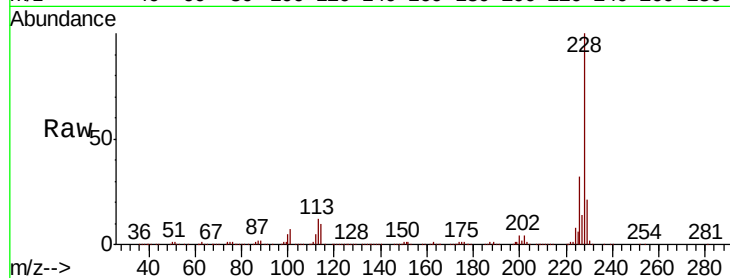
Tot Ion:228 Resp: 2273673

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.2

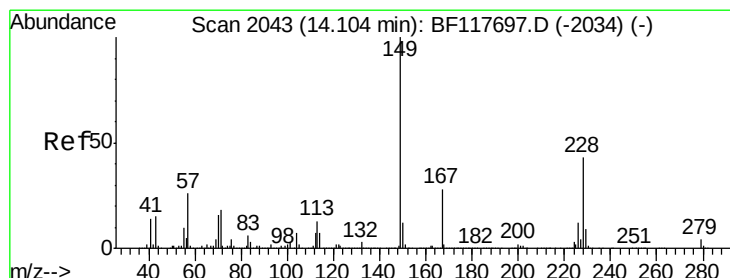
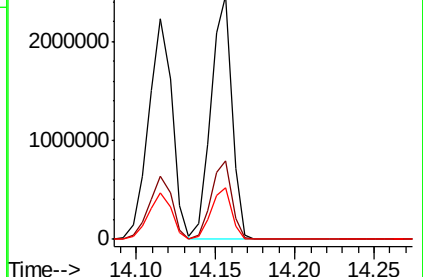
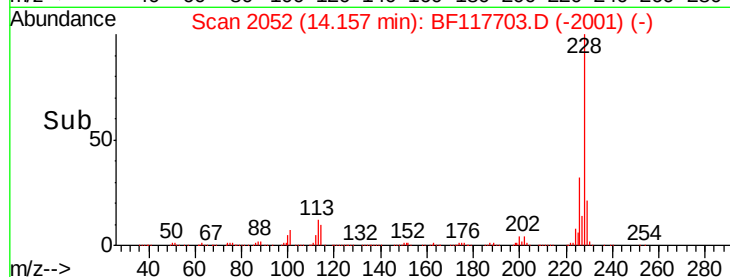
229 21.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.644 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

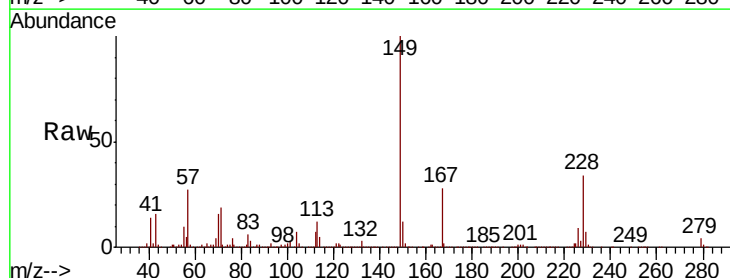
Tgt Ion:149 Resp: 1638399

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.2

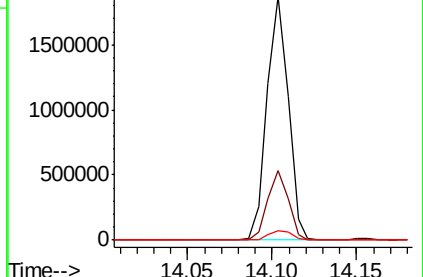
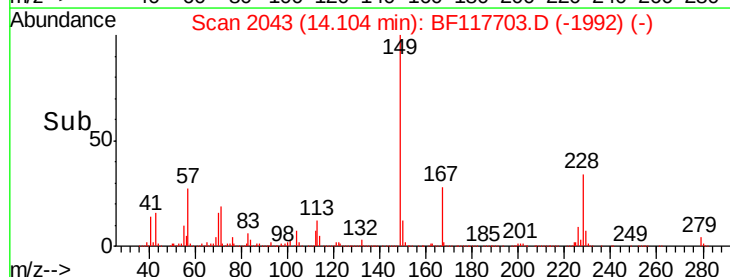
279 4.0 3.4 5.2

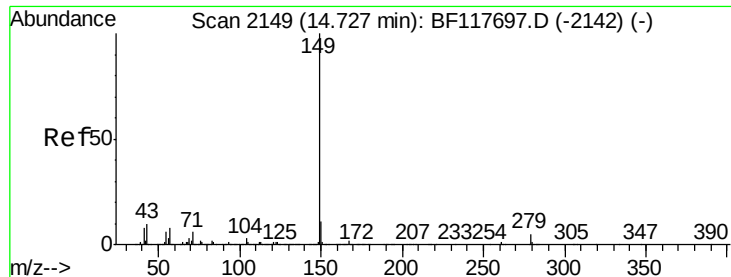


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

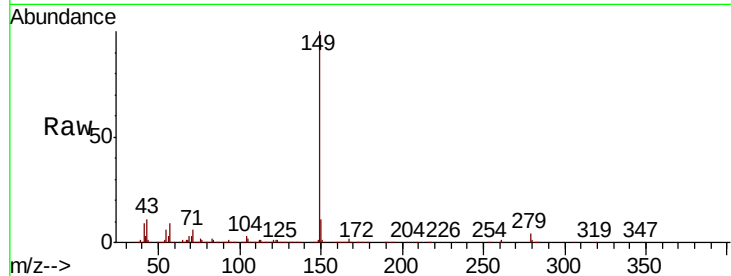




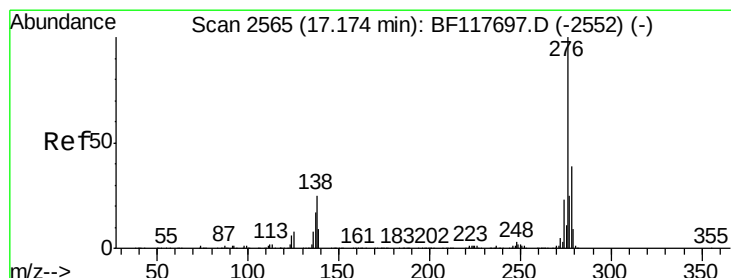
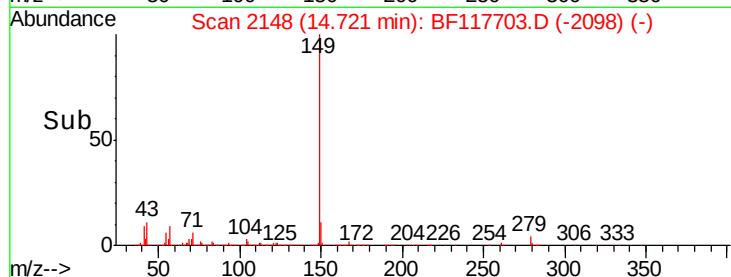
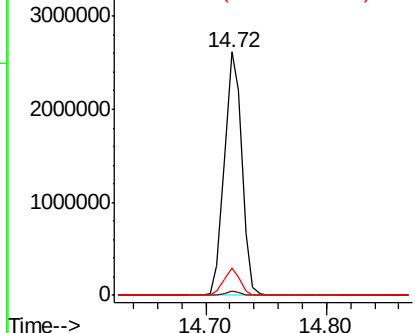
#85
Di-n-octyl phthalate
Concen: 40.268 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2618802
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 8.4 12.6

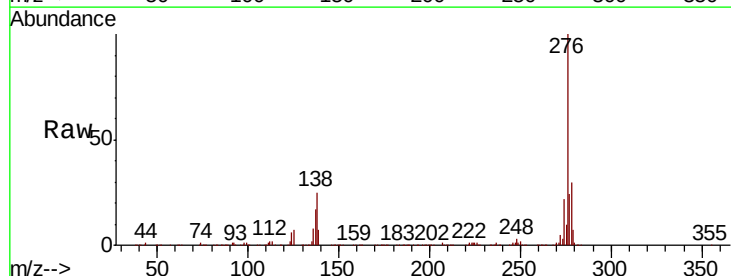


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

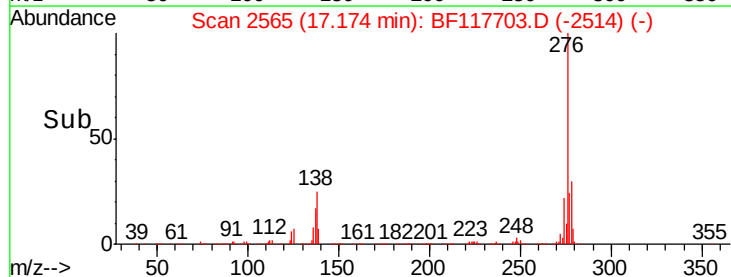
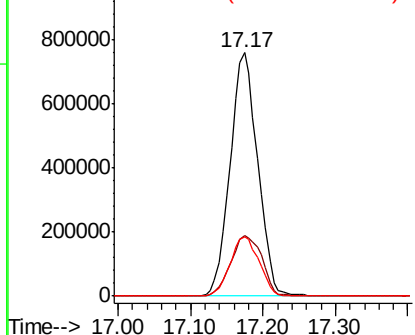


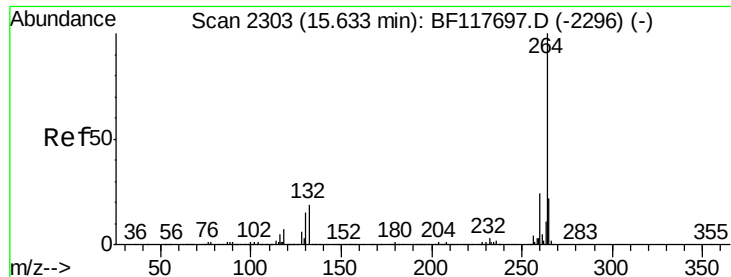
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.958 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:276 Resp: 2009156
Ion Ratio Lower Upper
276 100
138 28.0 22.4 33.6
277 25.6 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



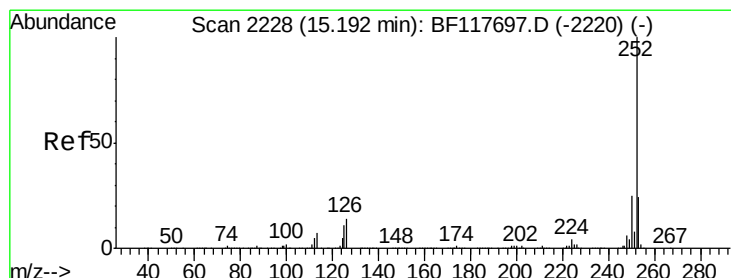
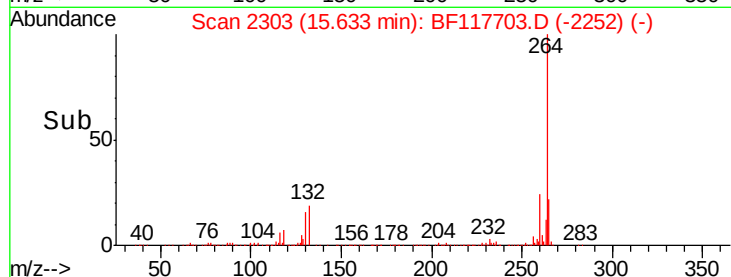
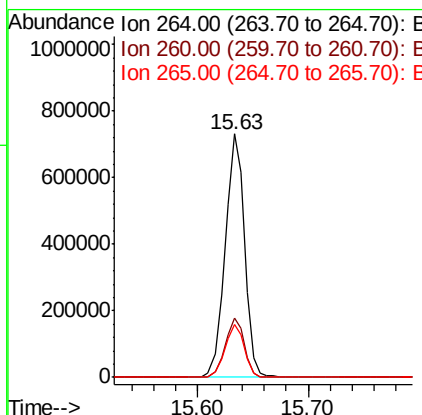
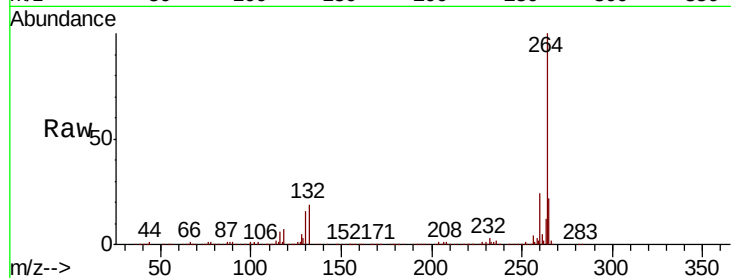


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 899775

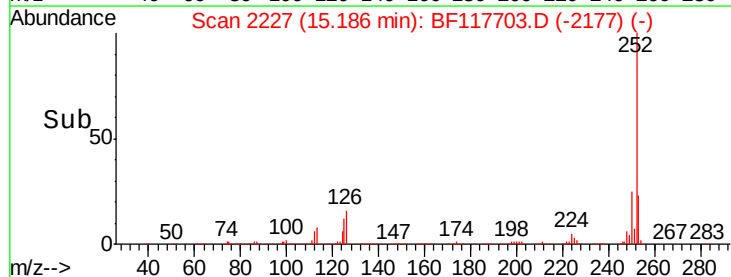
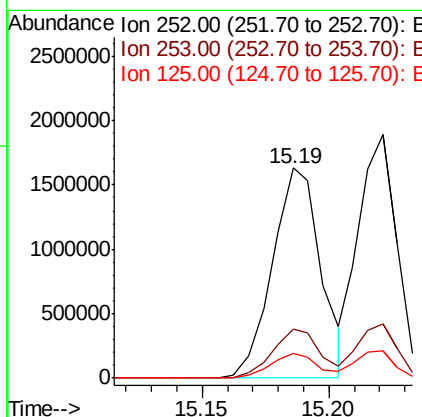
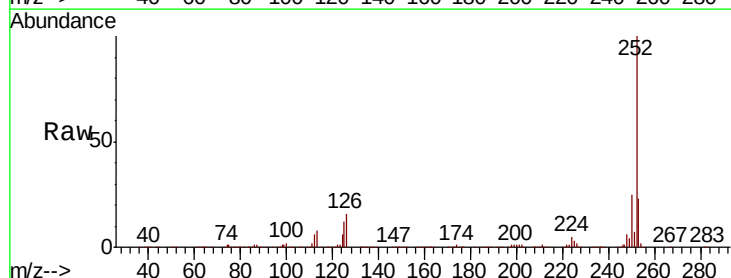
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.7	17.7	26.5

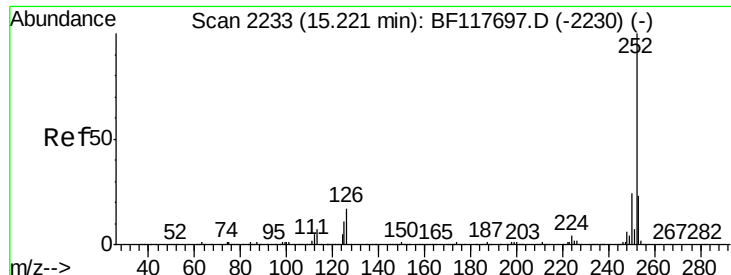


#88
Benzo(b)fluoranthene
Concen: 38.339 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:252 Resp: 2172642

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	11.9	8.5	12.7

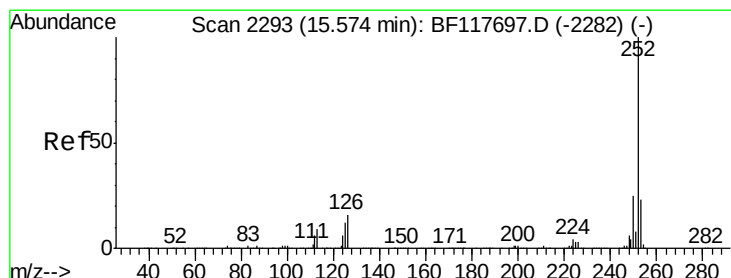
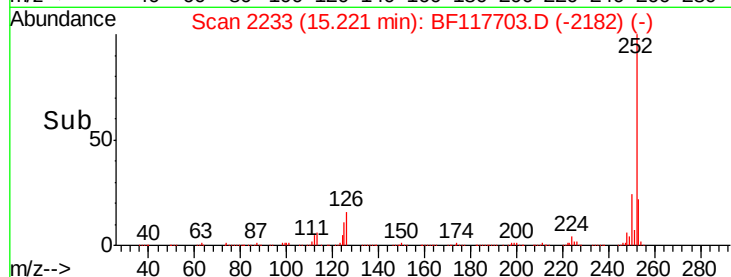
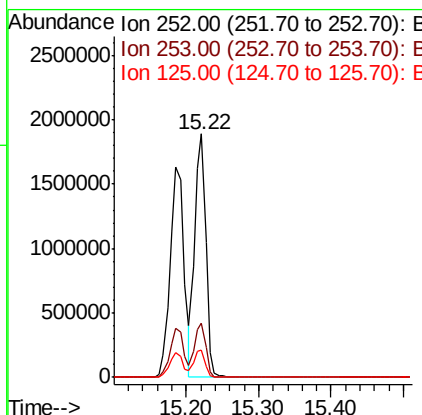
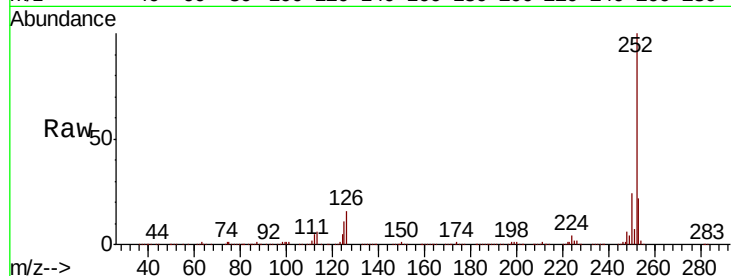




#89
Benzo(k)fluoranthene
Concen: 39.856 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

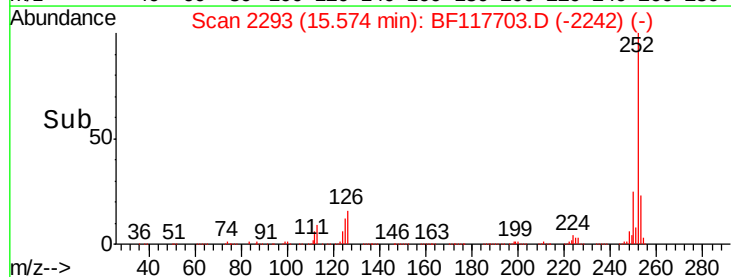
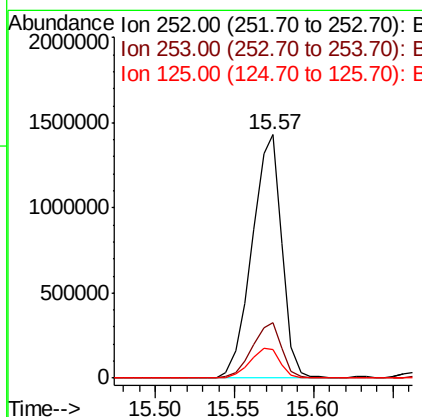
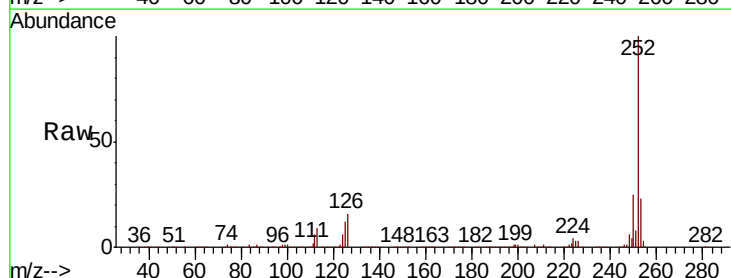
Instrument :
BNA_F
ClientSampleId :

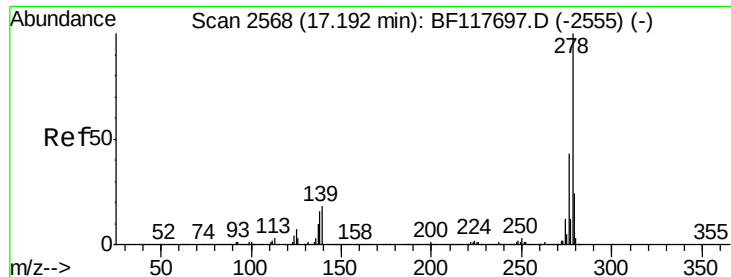
Tot Ion:252 Resp: 2014456
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.0 9.1 13.7



#90
Benzo(a)pyrene
Concen: 38.071 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF117703.D
Acq: 6 Nov 2019 17:22

Tgt Ion:252 Resp: 1870247
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 12.0 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.406 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

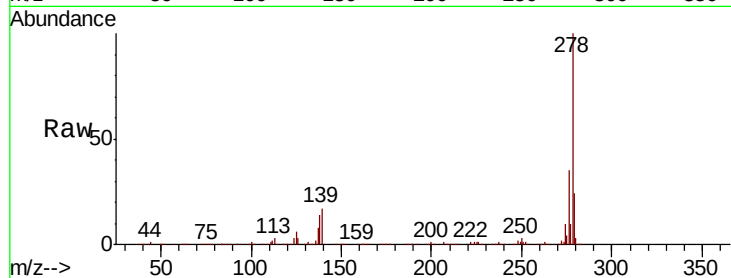
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1648069

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.3	21.5
279	24.3	19.0	28.6

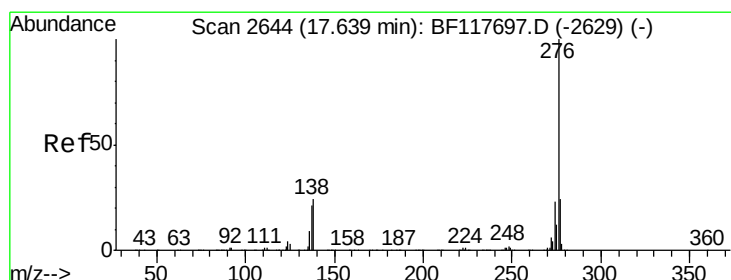
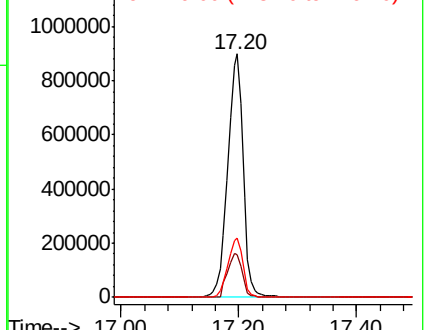
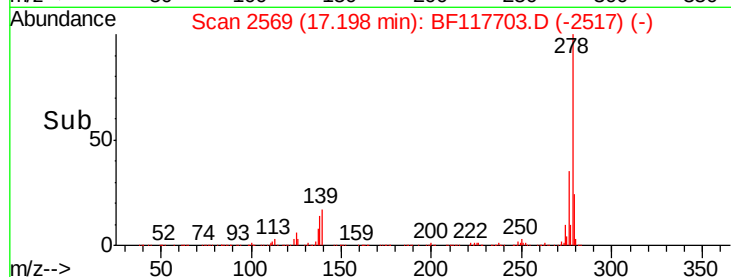


Abundance

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: 37.366 ng

RT: 17.64 min Scan# 2644

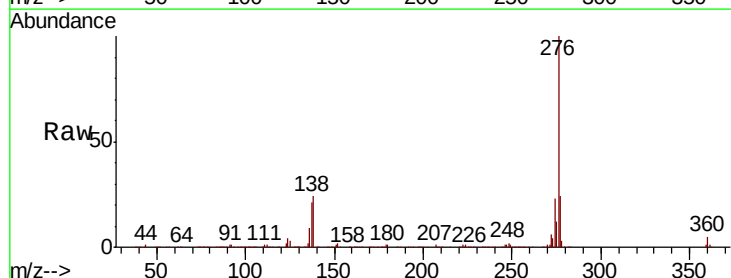
Delta R.T. -0.00 min

Lab File: BF117703.D

Acq: 6 Nov 2019 17:22

Tgt Ion:276 Resp: 1595455

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	24.4	19.2	28.8



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

