

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117803.D
 Acq On : 15 Nov 2019 15:23
 Operator : JU
 Sample : PB124835BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 01:39:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	245090	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1020125	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	538228	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1006161	20.00	ng	0.00
76) Chrysene-d12	14.12	240	688836	20.00	ng	0.00
87) Perylene-d12	15.62	264	534082	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1550868	112.01	ng	0.01
7) Phenol-d6	6.55	99	1905371	114.09	ng	0.00
23) Nitrobenzene-d5	7.49	82	1037333	60.45	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	603357	105.89	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2024439	67.48	ng	0.00
79) Terphenyl-d14	13.06	244	2195392	58.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	234301	36.202	ng	100
3) Pyridine	3.56	79	544658	32.081	ng	99
4) n-Nitrosodimethylamine	3.52	42	295776	39.910	ng	100
6) Aniline	6.58	93	714106	32.358	ng	99
8) 2-Chlorophenol	6.71	128	648573	43.169	ng	97
9) Benzaldehyde	6.47	77	374285	32.872	ng	98
10) Phenol	6.56	94	745005	42.929	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	579442	41.578	ng	97
12) 1,3-Dichlorobenzene	6.86	146	703076	39.749	ng	97
13) 1,4-Dichlorobenzene	6.94	146	718269	40.174	ng	99
14) 1,2-Dichlorobenzene	7.09	146	680331	39.787	ng	99
15) Benzyl Alcohol	7.06	79	536412	41.603	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	834890	38.911	ng	98
17) 2-Methylphenol	7.17	107	548727	43.128	ng	100
18) Hexachloroethane	7.44	117	260414	39.649	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	421049	40.867	ng	98
20) 3+4-Methylphenols	7.32	107	666534	42.202	ng	# 83
22) Acetophenone	7.33	105	864252	37.709	ng	99
24) Nitrobenzene	7.50	77	687970	38.861	ng	98
25) Isophorone	7.75	82	1208681	38.428	ng	99
26) 2-Nitrophenol	7.82	139	355324	41.236	ng	97
27) 2,4-Dimethylphenol	7.85	122	626662	46.803	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	730594	36.605	ng	99
29) 2,4-Dichlorophenol	8.06	162	557993	38.420	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	617622	36.662	ng	97
31) Naphthalene	8.23	128	1882443	39.583	ng	100
32) Benzoic acid	7.96	122	428223	38.196	ng	98
33) 4-Chloroaniline	8.27	127	519748	24.412	ng	99
34) Hexachlorobutadiene	8.35	225	345446	35.072	ng	100
35) Caprolactam	8.64	113	98013	21.234	ng	97
36) 4-Chloro-3-methylphenol	8.76	107	586664	39.802	ng	100
37) 2-Methylnaphthalene	8.93	142	1285613	40.009	ng	98
38) 1-Methylnaphthalene	9.03	142	1204268	39.642	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	566091	36.217	ng	99

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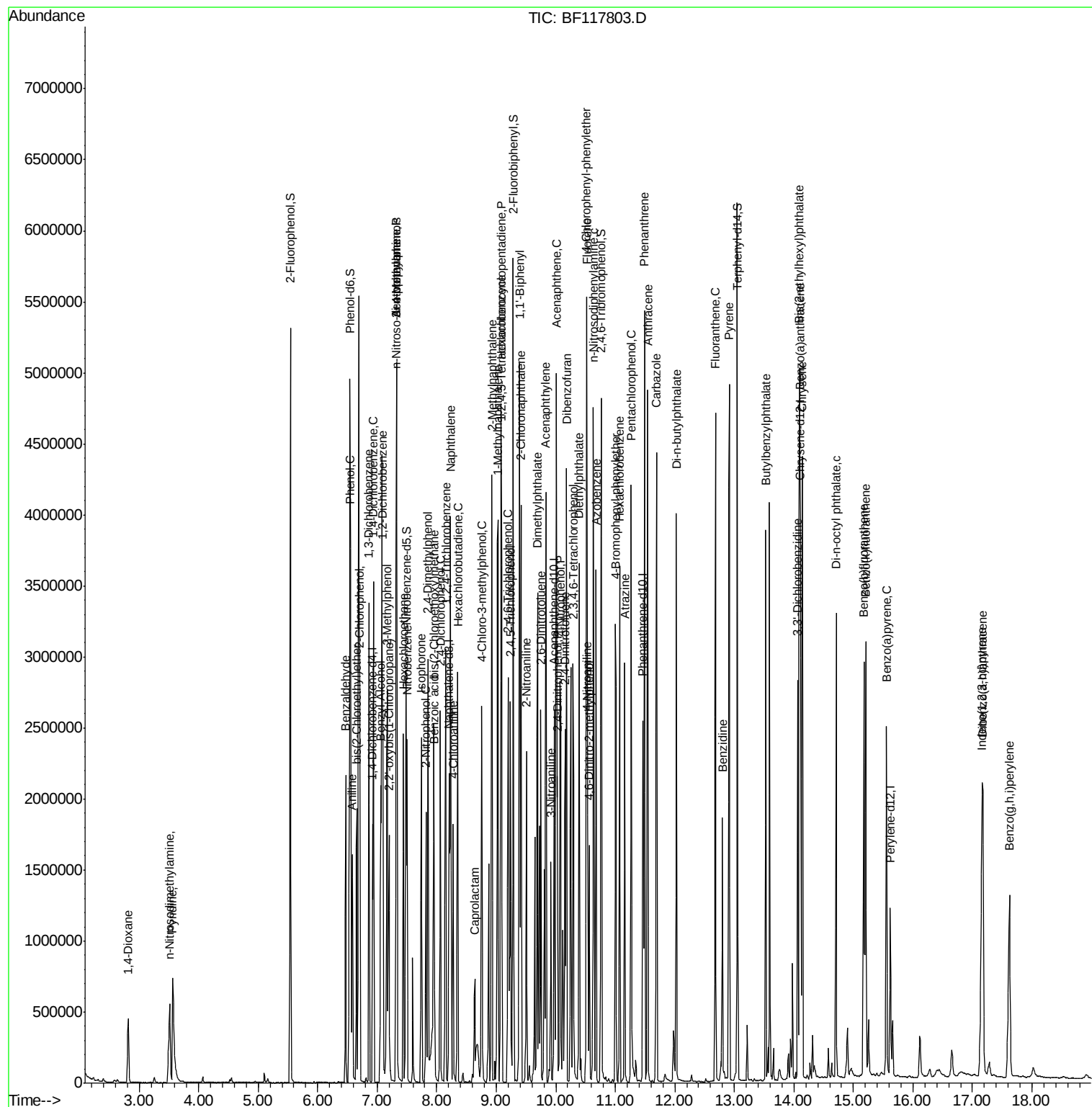
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	631712	72.118	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	415711	37.132	ng	99
44) 2,4,5-Trichlorophenol	9.24	196	448624	38.594	ng	98
46) 1,1'-Biphenyl	9.39	154	1537399	38.501	ng	99
47) 2-Chloronaphthalene	9.42	162	1232592	37.522	ng	99
48) 2-Nitroaniline	9.51	65	370607	37.369	ng	92
49) Acenaphthylene	9.83	152	1915372	39.992	ng	99
50) Dimethylphthalate	9.69	163	1387066	36.750	ng	99
51) 2,6-Dinitrotoluene	9.75	165	325272	39.432	ng	93
52) Acenaphthene	10.01	154	1271333	41.438	ng	99
53) 3-Nitroaniline	9.92	138	265110	26.859	ng	92
54) 2,4-Dinitrophenol	10.03	184	293982	70.322	ng	97
55) Dibenzofuran	10.18	168	1657454	39.013	ng	100
56) 4-Nitrophenol	10.08	139	594588	80.704	ng	89
57) 2,4-Dinitrotoluene	10.16	165	429704	40.951	ng	95
58) Fluorene	10.53	166	1251350	38.009	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	376122	39.380	ng	100
60) Diethylphthalate	10.39	149	1368268	37.184	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	629722	37.690	ng	96
62) 4-Nitroaniline	10.54	138	350269	35.442	ng	99
63) Azobenzene	10.67	77	1283405	38.337	ng	99
65) 4,6-Dinitro-2-methylphenol	10.56	198	203821	43.393	ng	81
66) n-Nitrosodiphenylamine	10.63	169	1138989	38.897	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	401207	36.956	ng	96
68) Hexachlorobenzene	11.07	284	461971	36.493	ng	96
69) Atrazine	11.16	200	388681	40.351	ng	99
70) Pentachlorophenol	11.27	266	558377	75.499	ng	100
71) Phenanthrene	11.49	178	1940373	38.358	ng	100
72) Anthracene	11.54	178	1968283	39.244	ng	100
73) Carbazole	11.69	167	1782575	40.672	ng	99
74) Di-n-butylphthalate	12.03	149	2012438	36.878	ng	99
75) Fluoranthene	12.68	202	1983762	42.675	ng	98
77) Benzidine	12.80	184	641159	28.416	ng	100
78) Pyrene	12.92	202	1974155	35.463	ng	100
80) Butylbenzylphthalate	13.53	149	839423	35.108	ng	93
81) Benzo(a)anthracene	14.10	228	1672195	36.736	ng	100
82) 3,3'-Dichlorobenzidine	14.06	252	534792	33.587	ng	99
83) Chrysene	14.14	228	1624763	36.836	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1055532	36.414	ng	99
85) Di-n-octyl phthalate	14.71	149	1678307	39.411	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1364050	36.336	ng	100
88) Benzo(b)fluoranthene	15.17	252	1530577	44.110	ng	100
89) Benzo(k)fluoranthene	15.21	252	1361484	41.642	ng	99
90) Benzo(a)pyrene	15.56	252	1253516	41.082	ng	100
91) Dibenzo(a,h)anthracene	17.17	278	1137125	43.298	ng	99
92) Benzo(g,h,i)perylene	17.62	276	1155285	44.165	ng	99

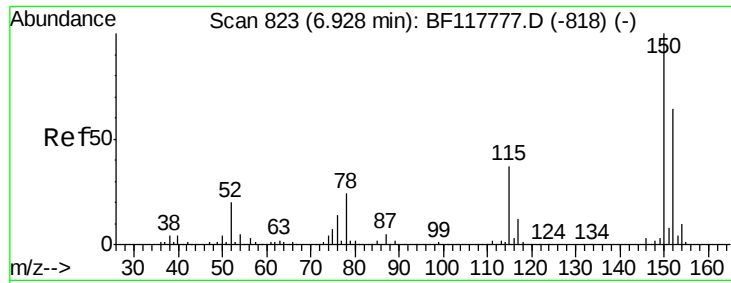
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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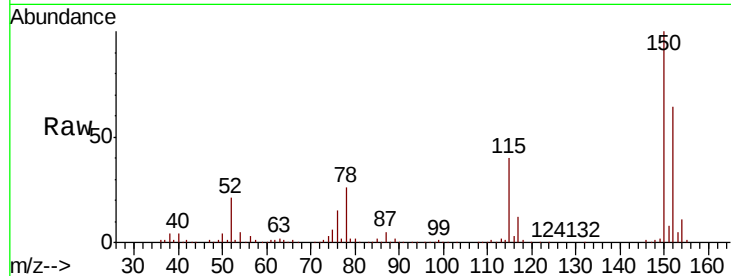


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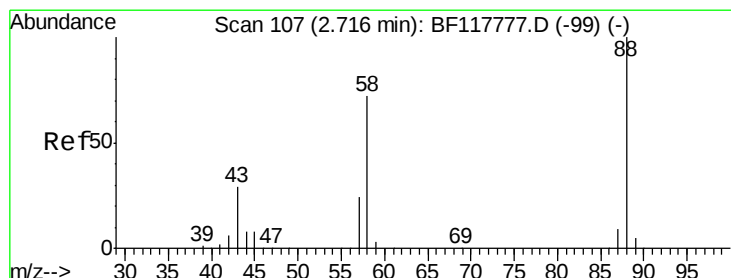
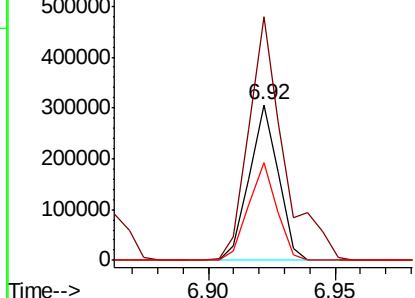
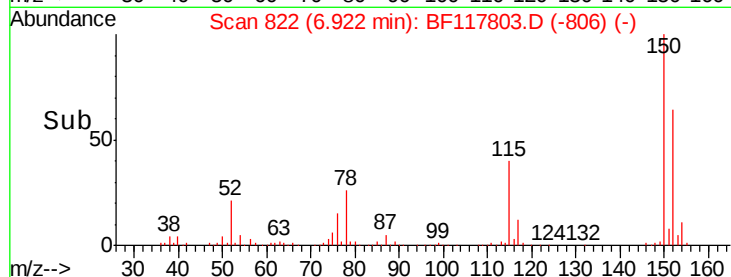
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 245090
Ion Ratio Lower Upper
152 100
150 156.2 125.3 187.9
115 62.9 47.0 70.4



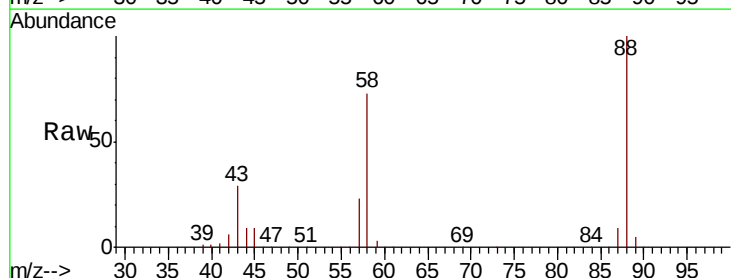
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



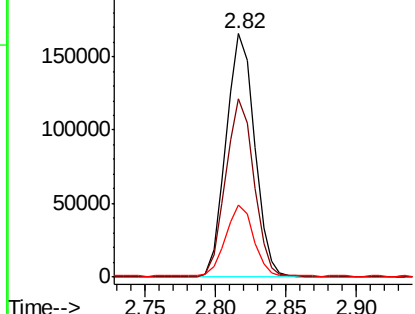
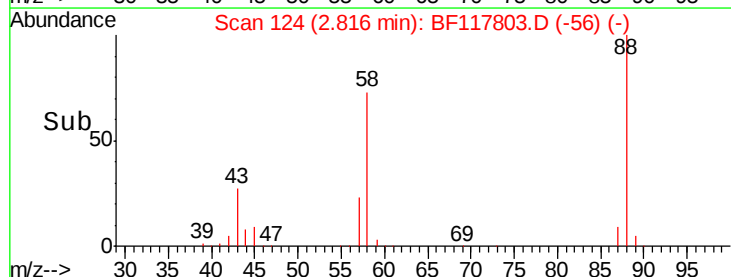
#2

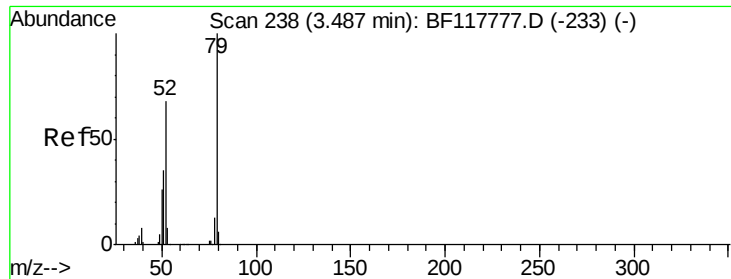
1,4-Dioxane
Concen: 36.202 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.10 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion: 88 Resp: 234301
Ion Ratio Lower Upper
88 100
58 72.5 58.2 87.2
43 28.6 23.3 34.9



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: 32.081 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.08 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

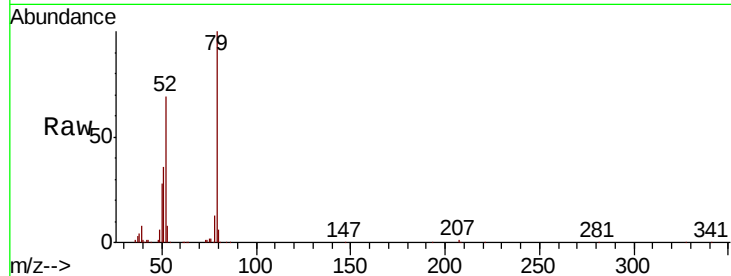
Tot Ion: 79 Resp: 544658

Ion Ratio Lower Upper

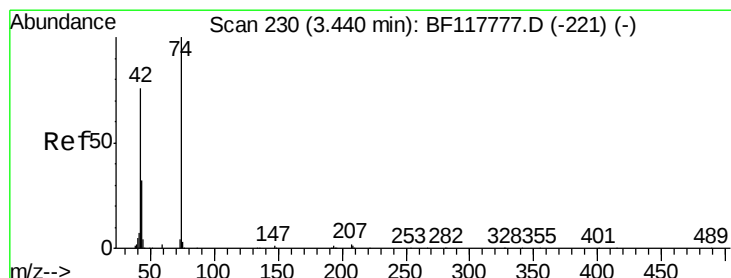
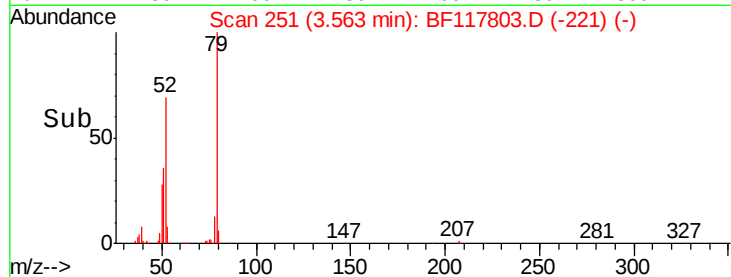
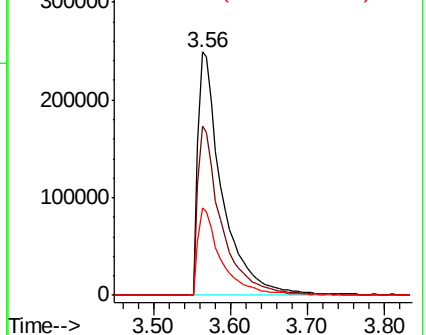
79 100

52 69.4 54.8 82.2

51 35.7 28.2 42.4



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



#4

n-Nitrosodimethylamine

Concen: 39.910 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

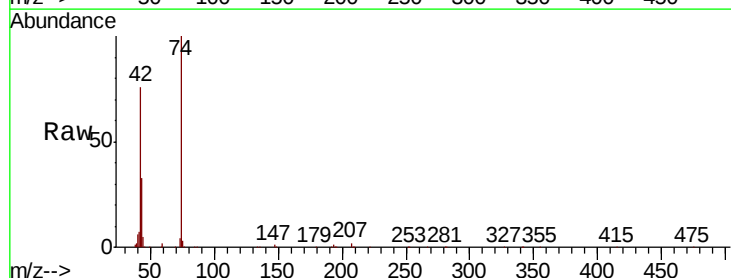
Tgt Ion: 42 Resp: 295776

Ion Ratio Lower Upper

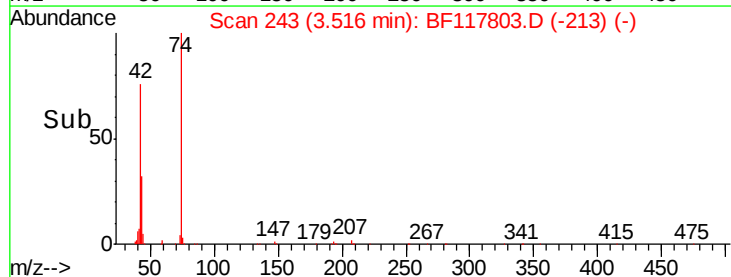
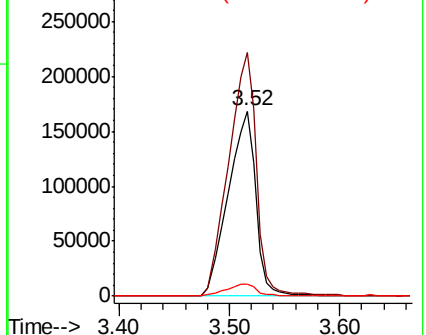
42 100

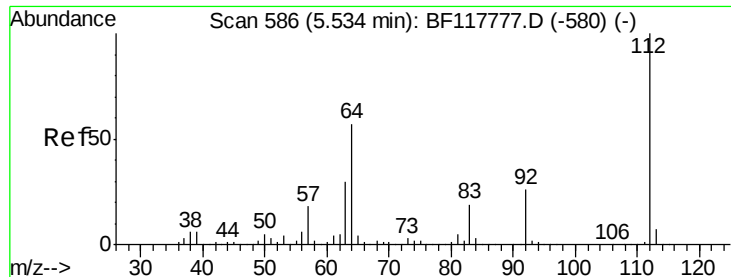
74 131.6 105.1 157.7

44 6.7 4.6 7.0



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





#5

2-Fluorophenol

Concen: 112.008 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampled :

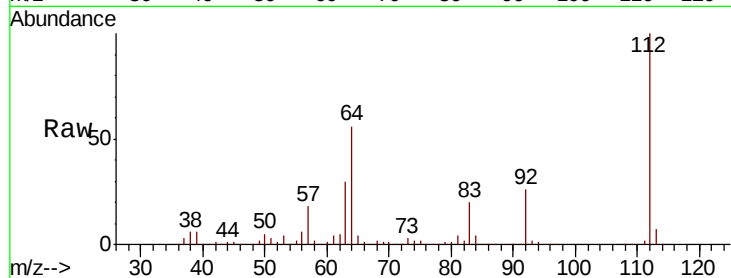
Tot Ion:112 Resp: 1550868

Ion Ratio Lower Upper

112 100

64 55.5 45.6 68.4

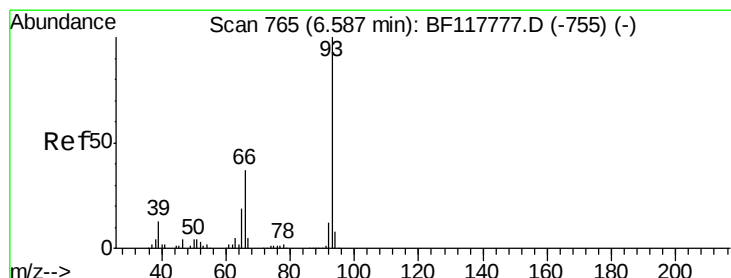
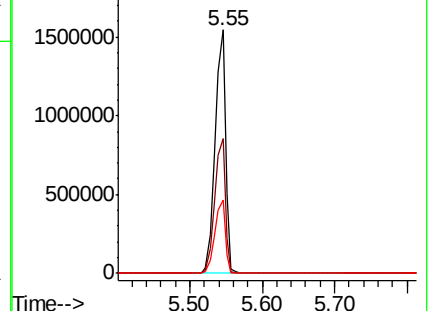
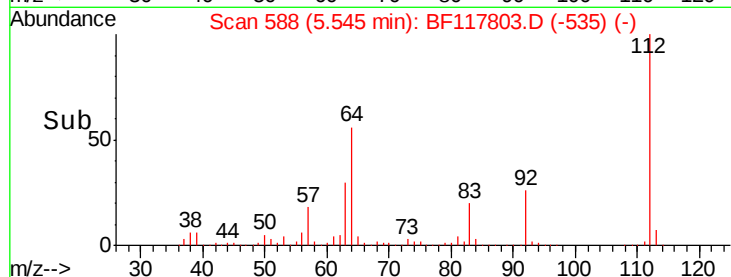
63 30.0 24.1 36.1



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: 32.358 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

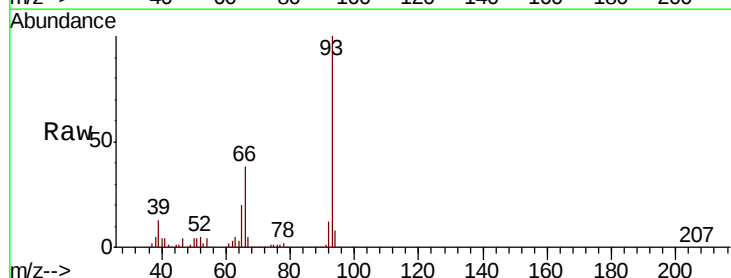
Tgt Ion: 93 Resp: 714106

Ion Ratio Lower Upper

93 100

66 37.8 30.6 45.8

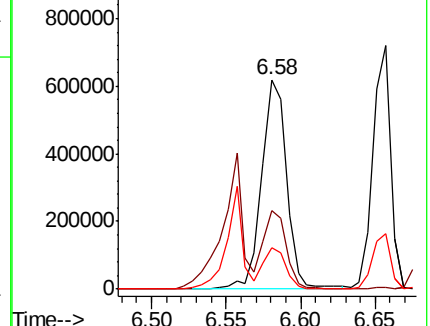
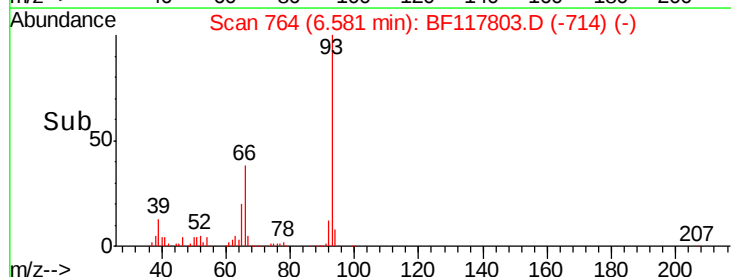
65 19.6 15.6 23.4

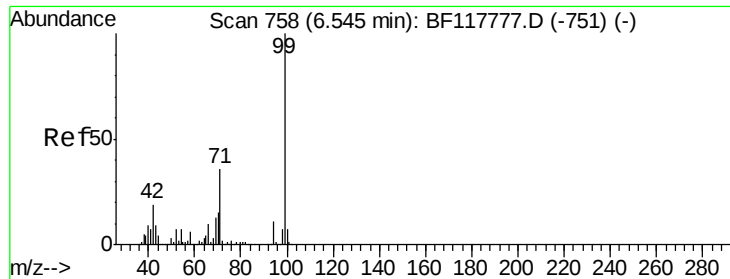


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.090 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117803.D

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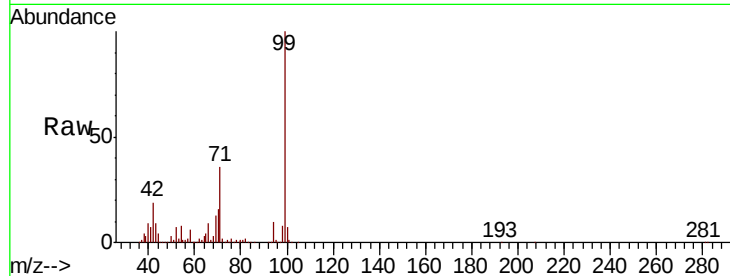
Tot Ion: 99 Resp: 1905371

Ion Ratio Lower Upper

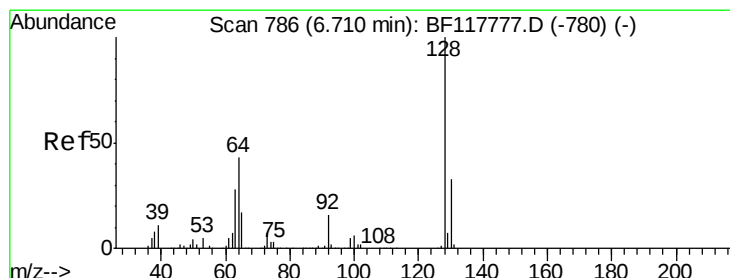
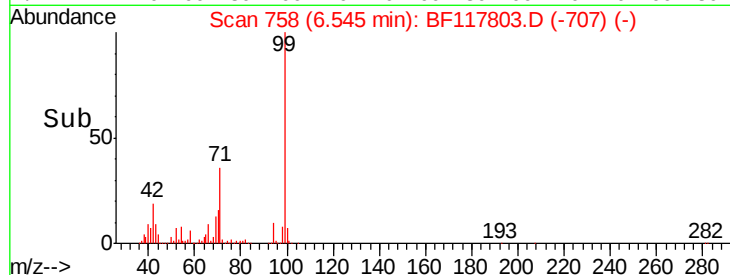
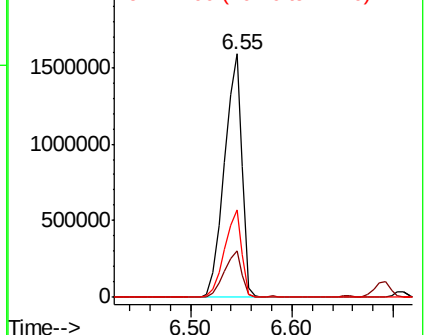
99 100

42 18.9 14.9 22.3

71 35.8 28.6 43.0



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: 43.169 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

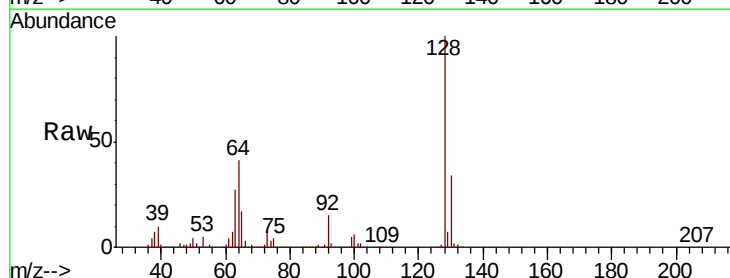
Tgt Ion:128 Resp: 648573

Ion Ratio Lower Upper

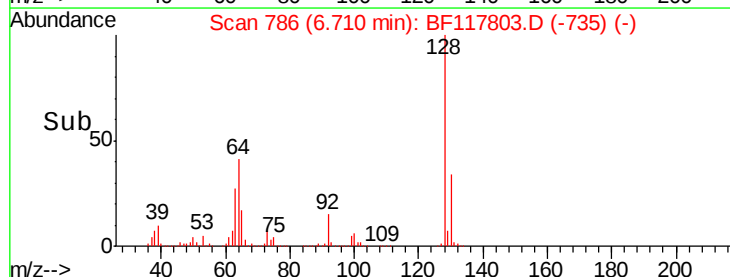
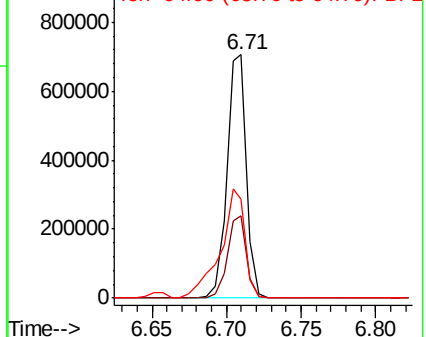
128 100

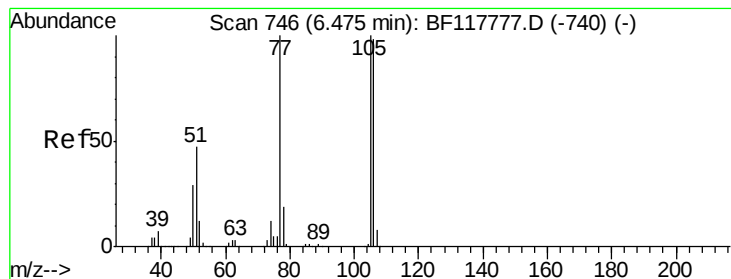
130 33.8 13.2 53.2

64 40.7 23.7 63.7



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: 32.872 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

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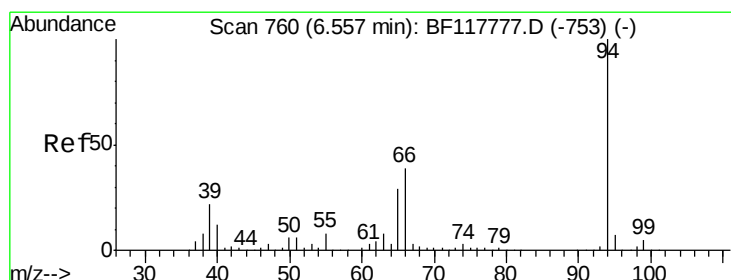
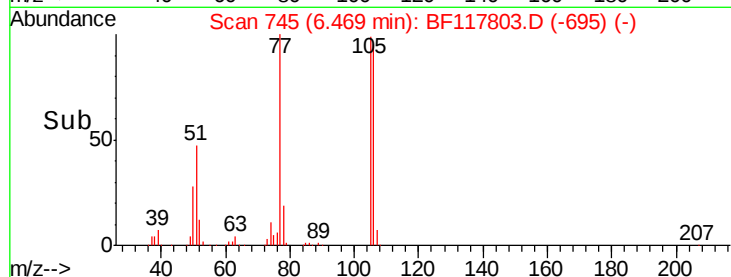
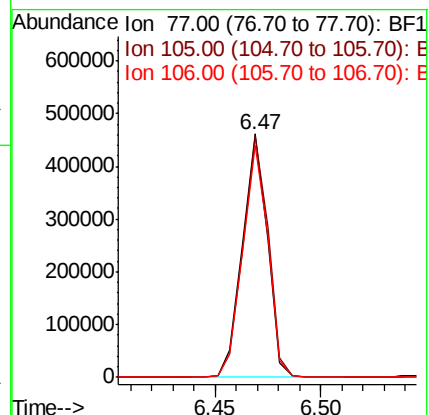
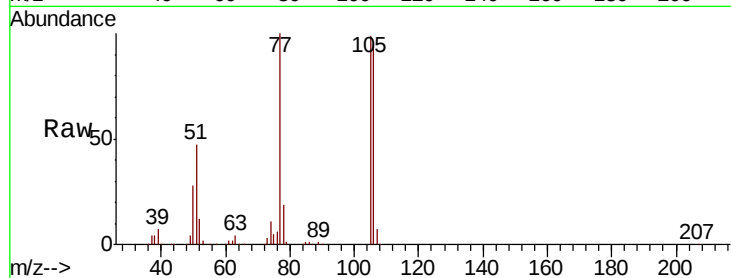
Tot Ion: 77 Resp: 374285

Ion Ratio Lower Upper

77 100

105 98.9 80.2 120.2

106 95.4 78.4 118.4



#10

Phenol

Concen: 42.929 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

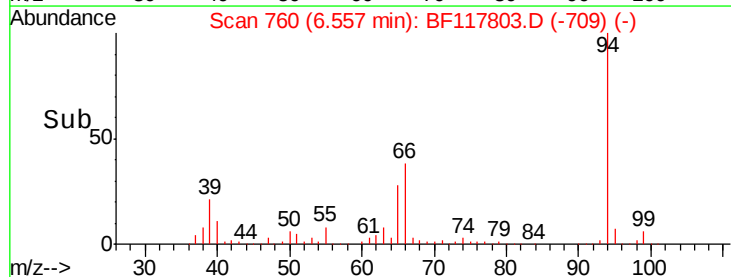
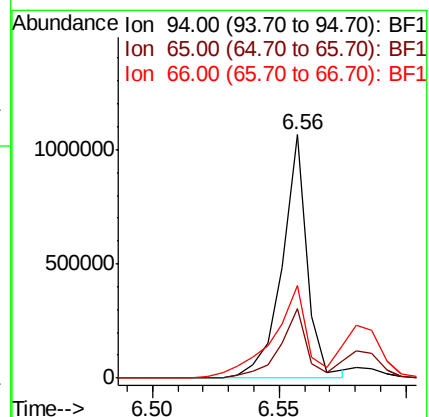
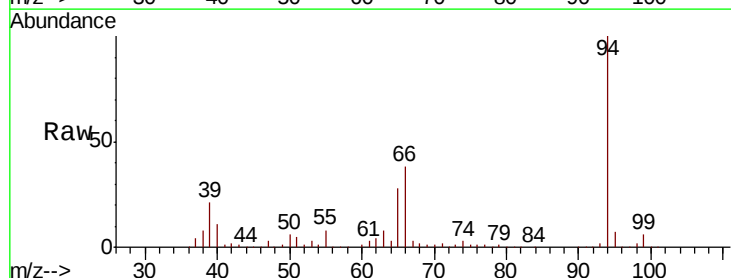
Tgt Ion: 94 Resp: 745005

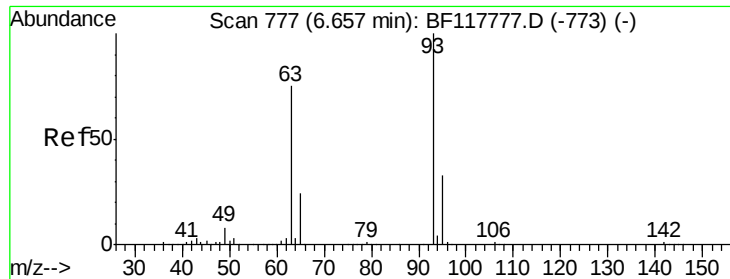
Ion Ratio Lower Upper

94 100

65 28.4 8.9 48.9

66 37.8 18.7 58.7

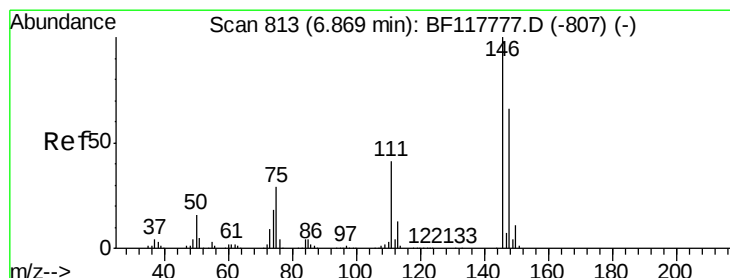
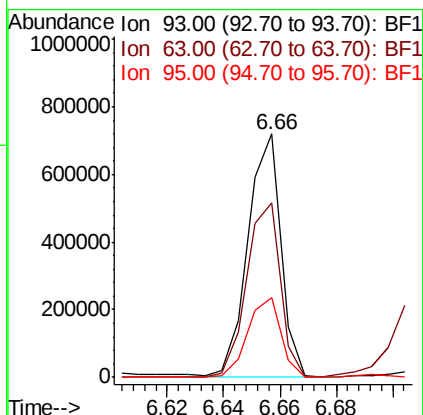
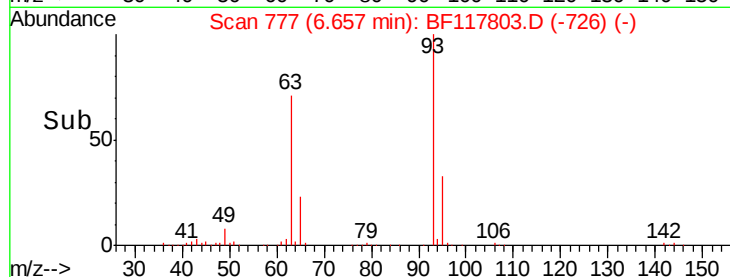
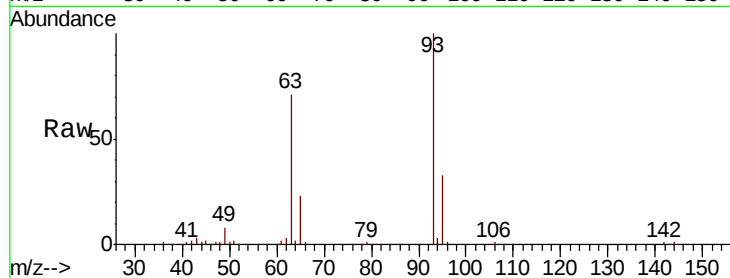




#11
bis(2-Chloroethyl)ether
Concen: 41.578 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

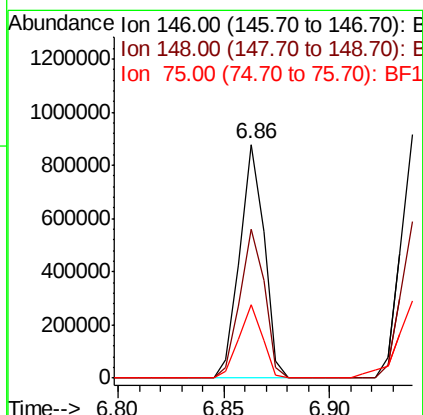
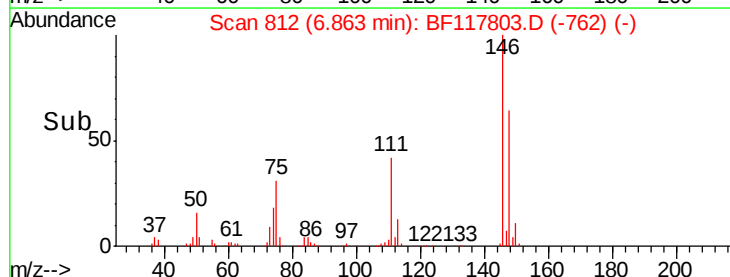
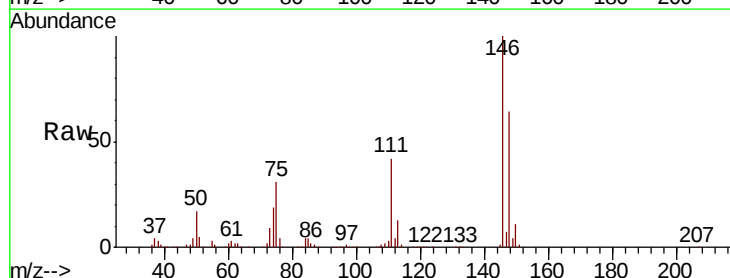
Instrument :
BNA_F
ClientSampled :

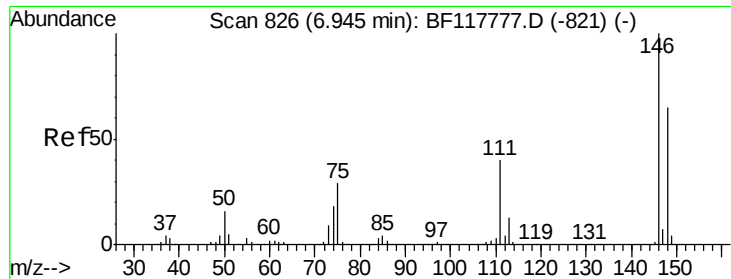
Tot Ion: 93 Resp: 579442
Ion Ratio Lower Upper
93 100
63 71.4 54.8 94.8
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.749 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion: 146 Resp: 703076
Ion Ratio Lower Upper
146 100
148 64.0 52.8 79.2
75 31.2 23.4 35.0

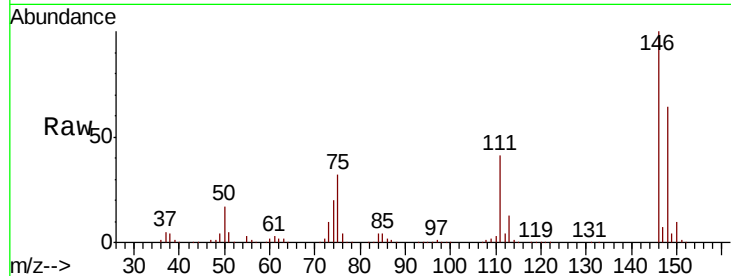




#13
 1,4-Dichlorobenzene
 Concen: 40.174 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
111	41.0	32.2	48.4

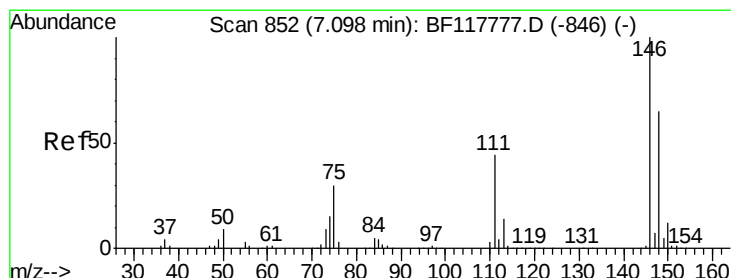
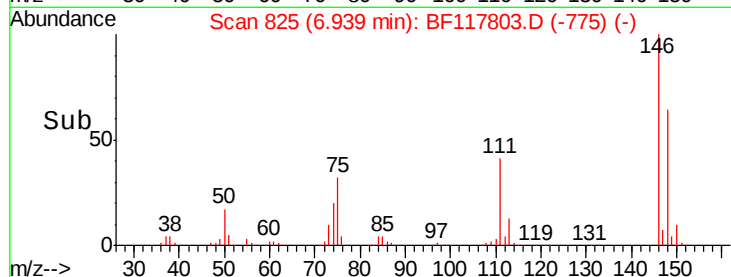
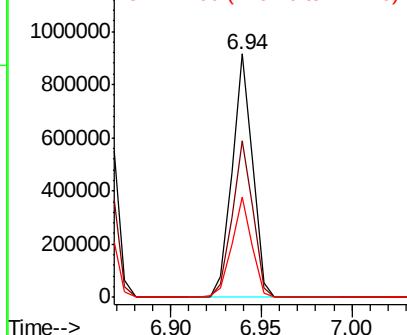


Abundance

Ion 146.00 (145.70 to 146.70): E

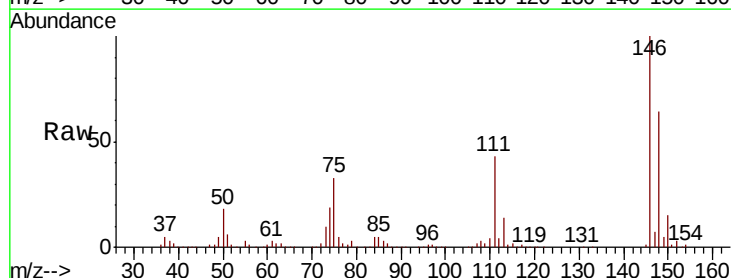
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.787 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
111	43.5	35.0	52.6

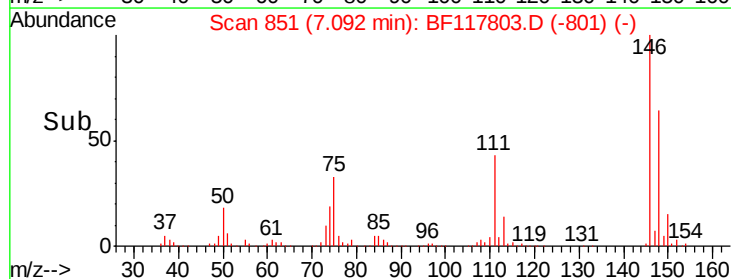
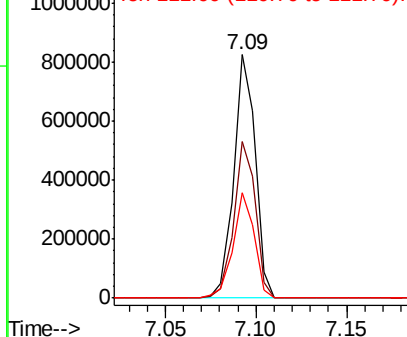


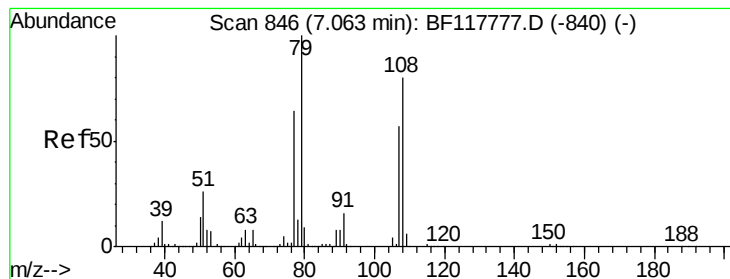
Abundance

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: 41.603 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

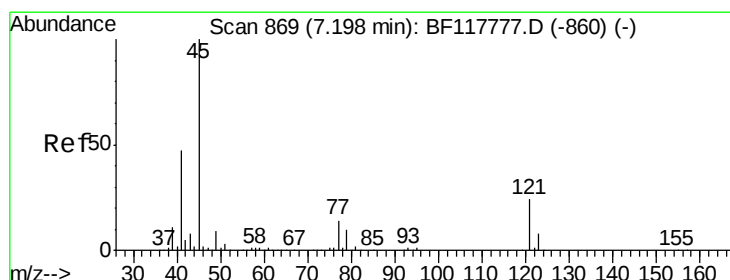
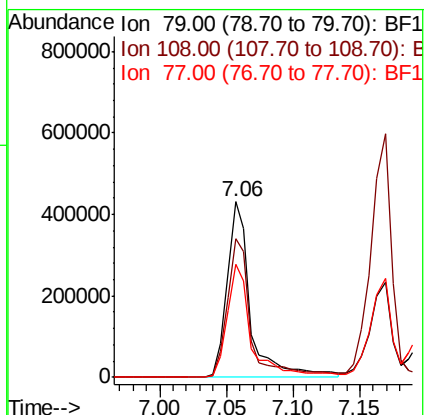
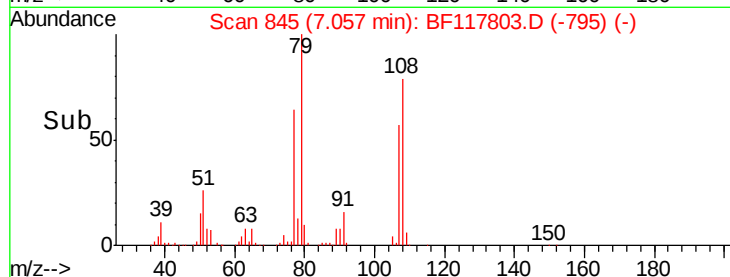
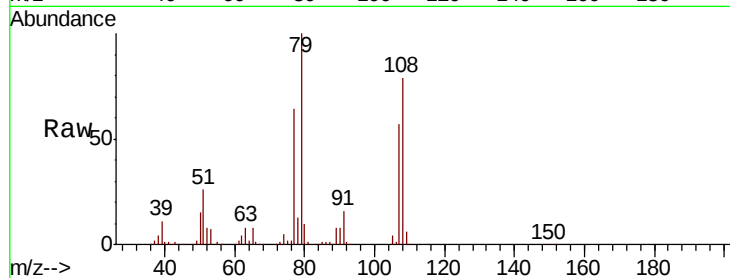
Tot Ion: 79 Resp: 536412

Ion Ratio Lower Upper

79 100

108 79.2 64.1 96.1

77 64.3 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.911 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

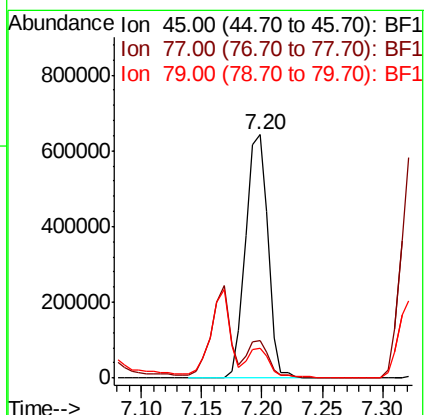
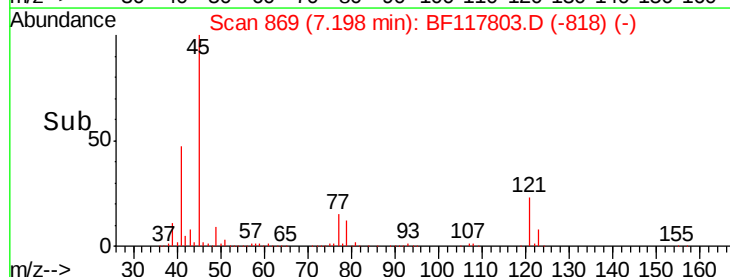
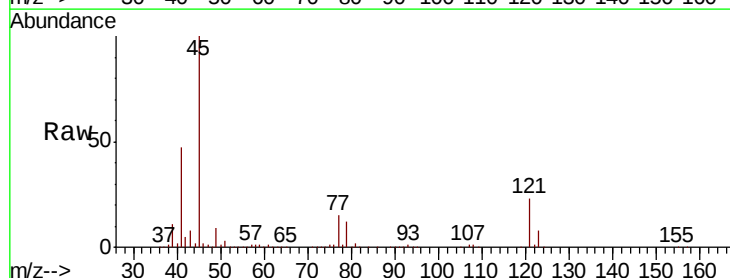
Tgt Ion: 45 Resp: 834890

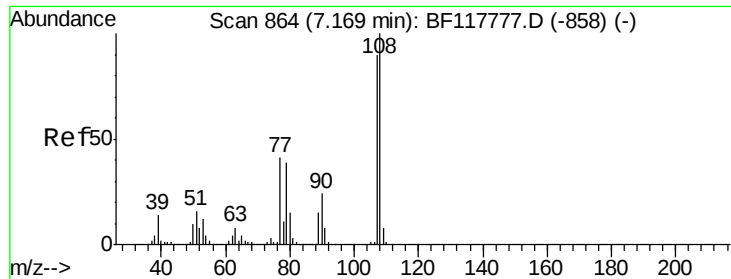
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.0

79 12.3 0.0 31.1





#17

2-Methylphenol

Concen: 43.128 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 548727

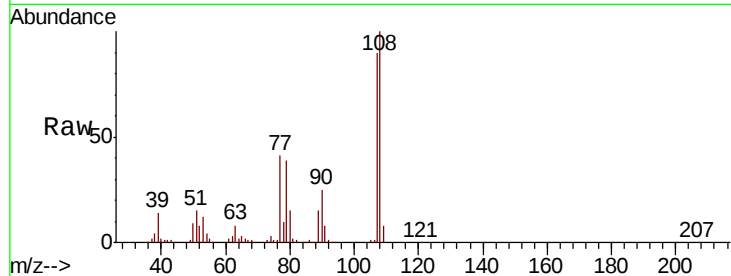
Ion Ratio Lower Upper

107 100

108 111.2 89.1 133.7

77 45.4 36.6 54.8

79 43.6 35.2 52.8

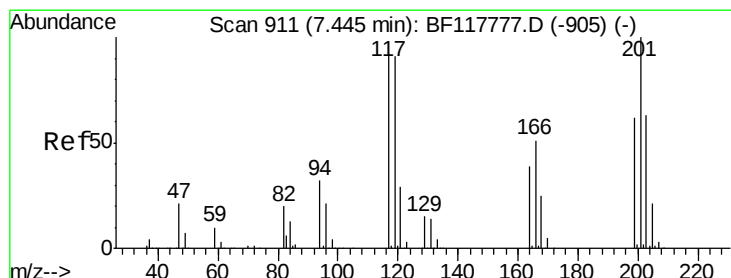
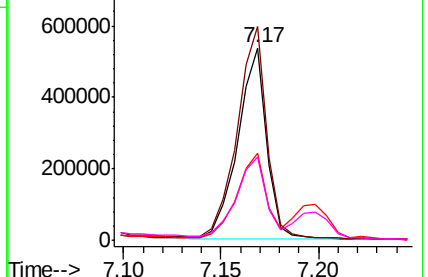
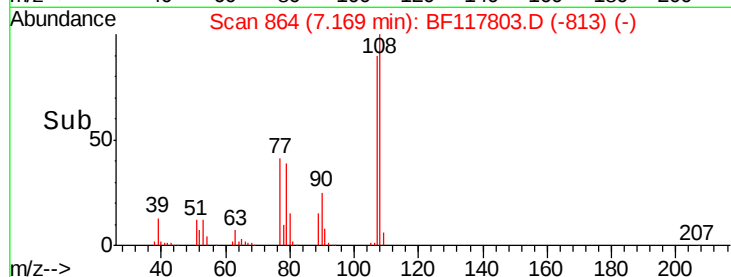


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.649 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

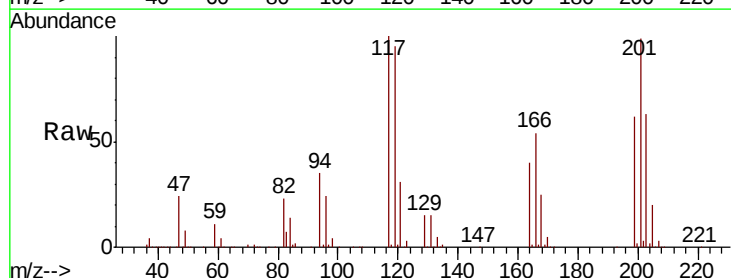
Tgt Ion:117 Resp: 260414

Ion Ratio Lower Upper

117 100

119 95.1 78.7 118.1

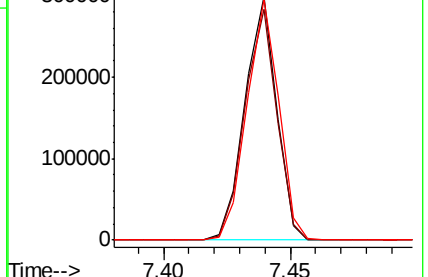
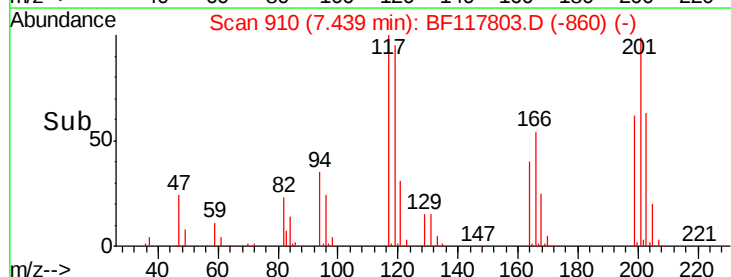
201 98.8 86.5 129.7

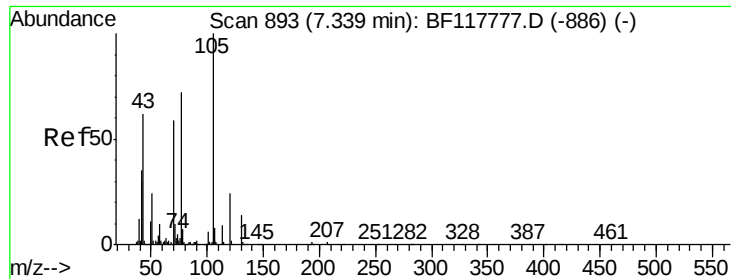


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

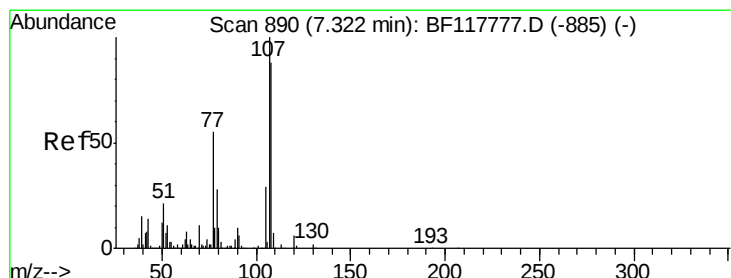
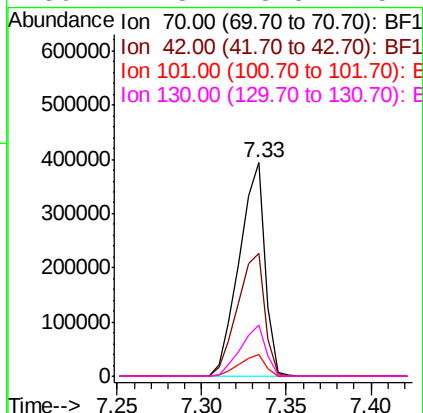
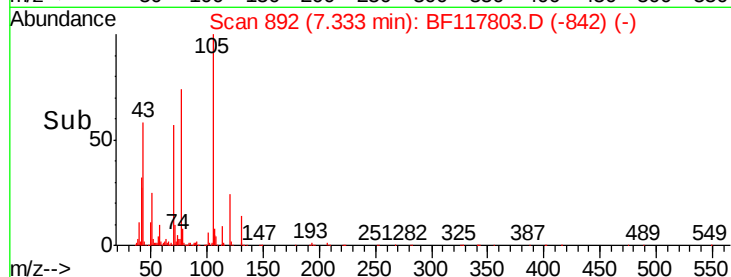
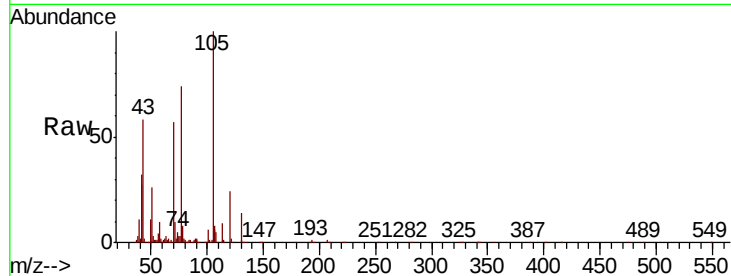




#19
 n-Nitroso-di-n-propylamine
 Concen: 40.867 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

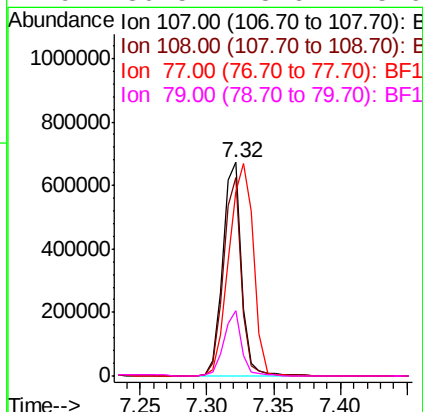
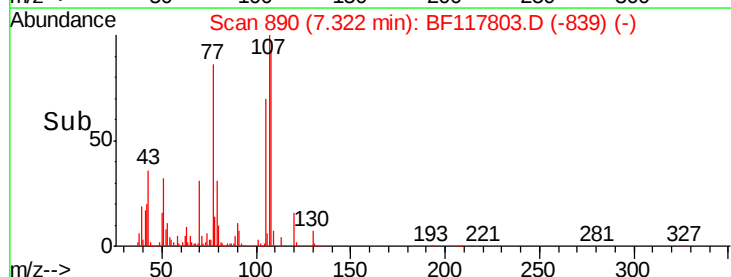
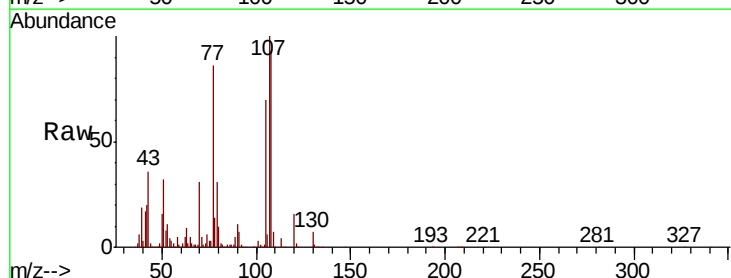
Instrument :
 BNA_F
 ClientSampleId :

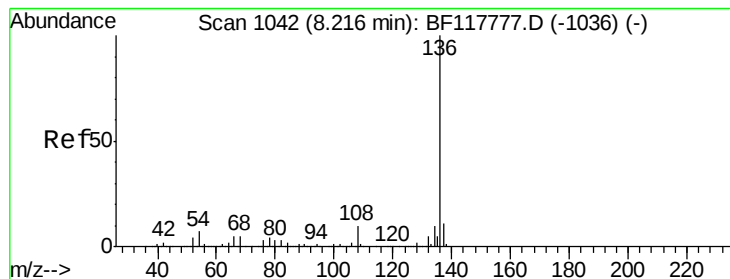
Tot Ion:	70	Resp:	421049
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.4	71.2
101	10.1	8.4	12.6
130	24.3	18.8	28.2



#20
 3+4-Methylphenols
 Concen: 42.202 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion:	107	Resp:	666534
Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.4	108.4
77	86.5	35.2	75.2#
79	30.5	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1020125

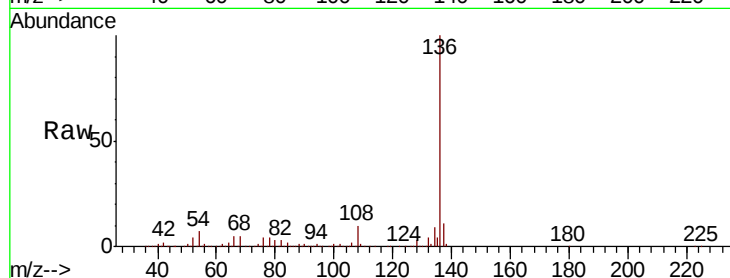
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.2 5.4 8.2

68 5.3 4.3 6.5

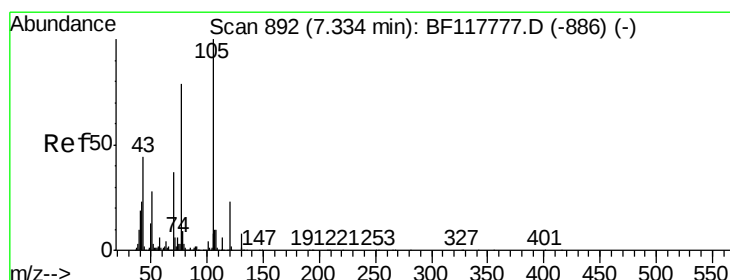
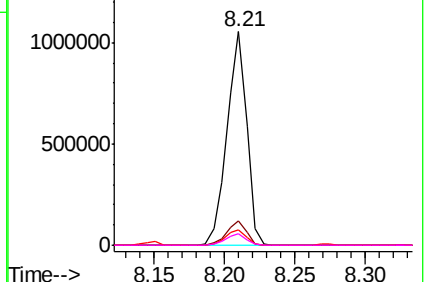
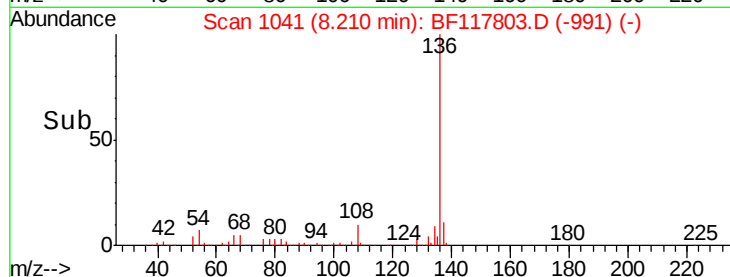


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.709 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:105 Resp: 864252

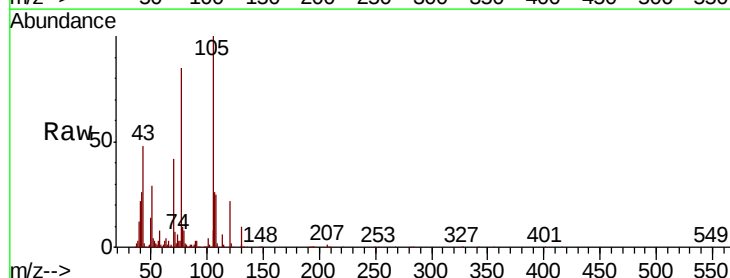
Ion Ratio Lower Upper

105 100

71 7.1 4.9 7.3

51 28.9 22.7 34.1

120 22.4 18.5 27.7

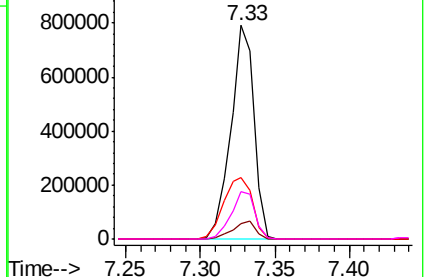
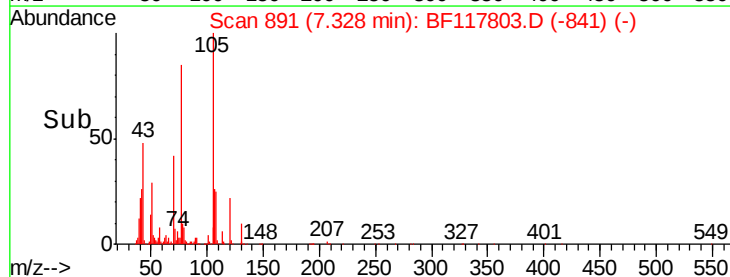


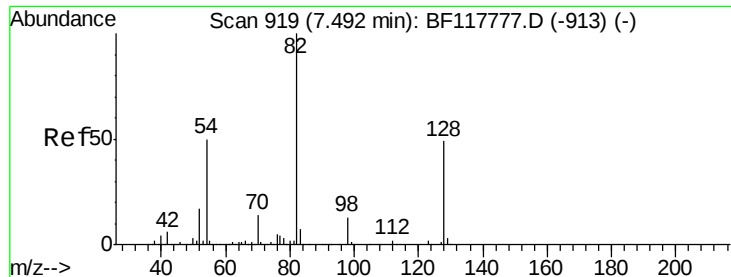
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

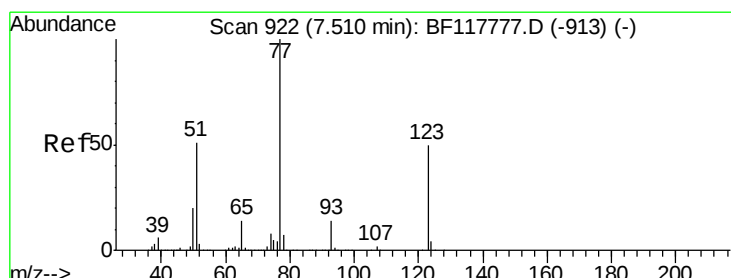
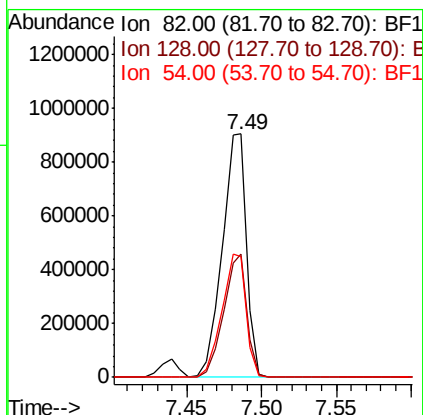
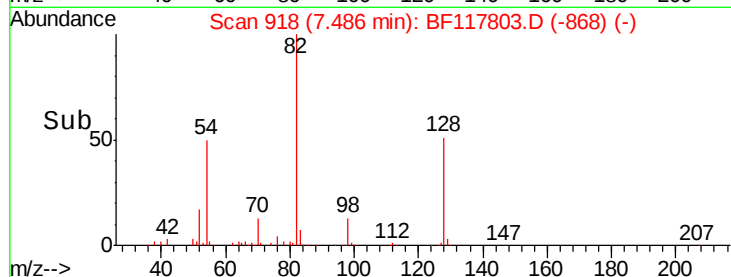
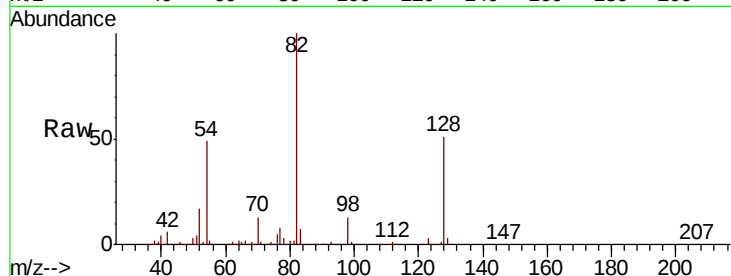




#23
 Nitrobenzene-d5
 Concen: 60.449 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

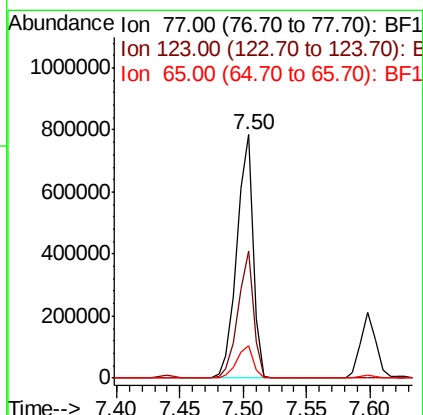
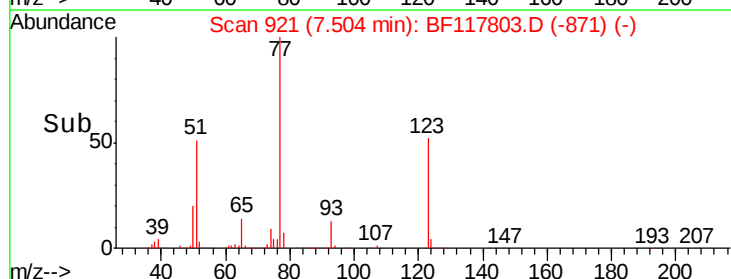
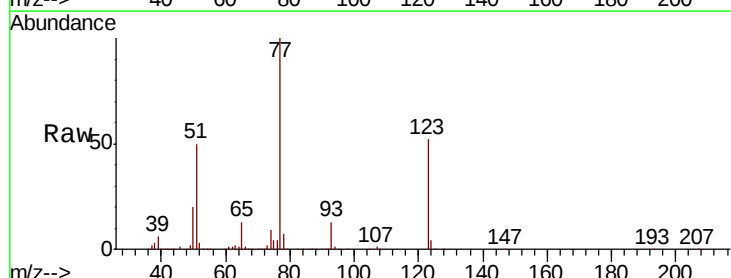
Instrument :
 BNA_F
 ClientSampleId :

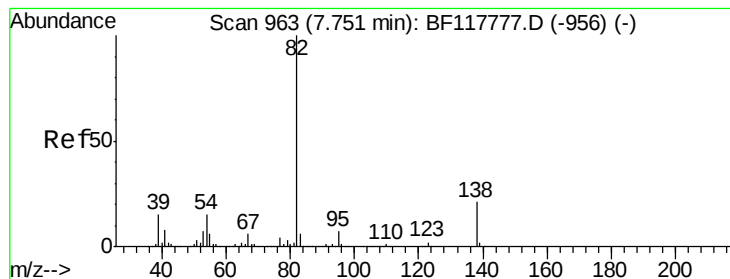
Tot Ion: 82 Resp: 1037333
 Ion Ratio Lower Upper
 82 100
 128 50.6 38.9 58.3
 54 49.5 39.8 59.6



#24
 Nitrobenzene
 Concen: 38.861 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion: 77 Resp: 687970
 Ion Ratio Lower Upper
 77 100
 123 52.2 40.3 60.5
 65 13.4 10.9 16.3





#25

Isophorone

Concen: 38.428 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampled :

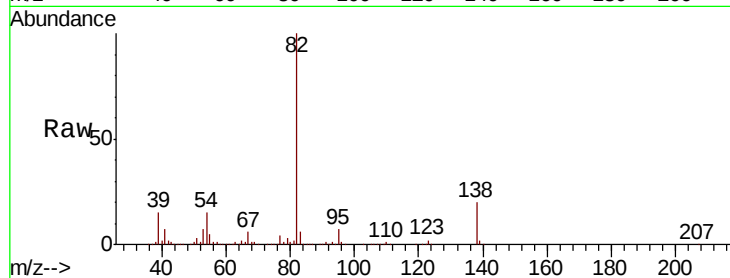
Tot Ion: 82 Resp: 1208681

Ion Ratio Lower Upper

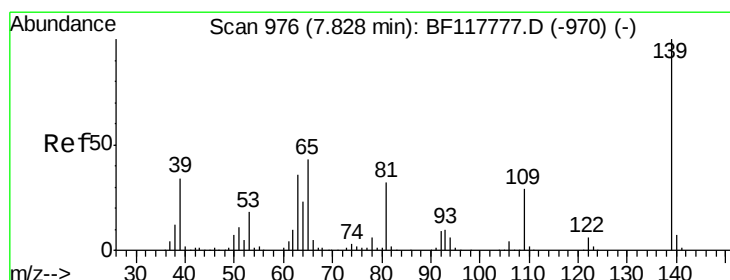
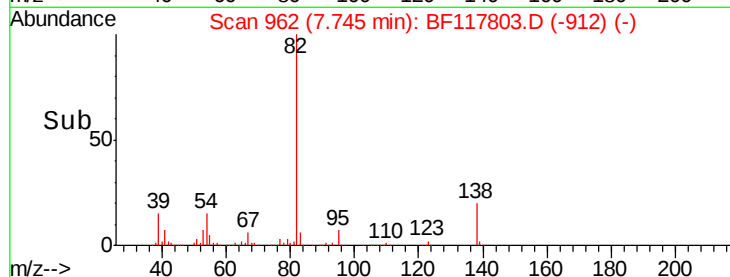
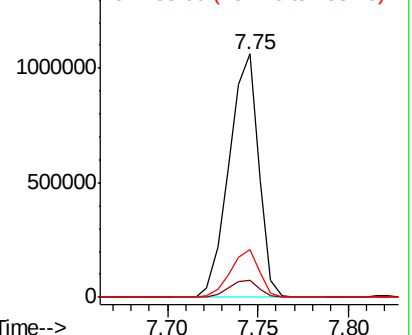
82 100

95 7.2 5.8 8.8

138 19.7 16.5 24.7



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: 41.236 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

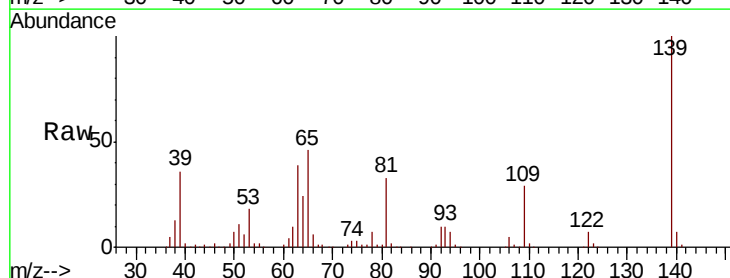
Tgt Ion: 139 Resp: 355324

Ion Ratio Lower Upper

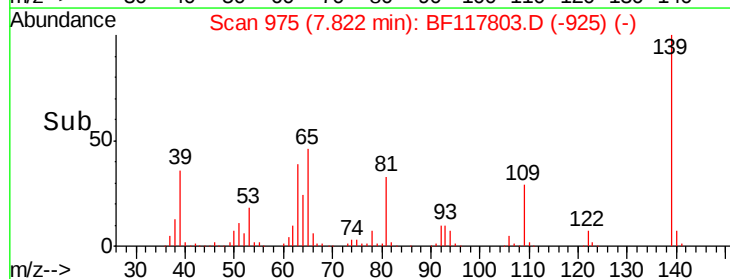
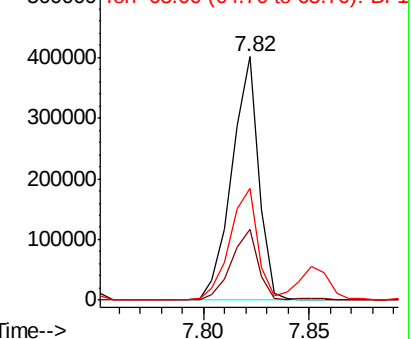
139 100

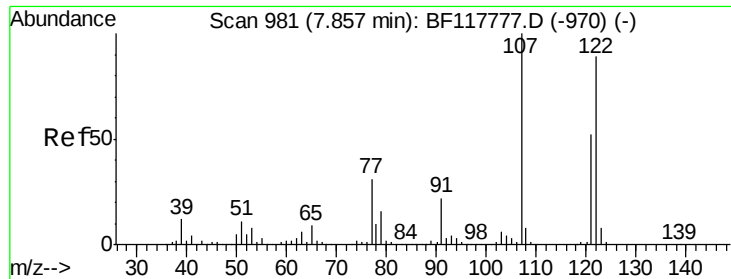
109 28.9 23.0 34.4

65 46.0 34.7 52.1



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: 46.803 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

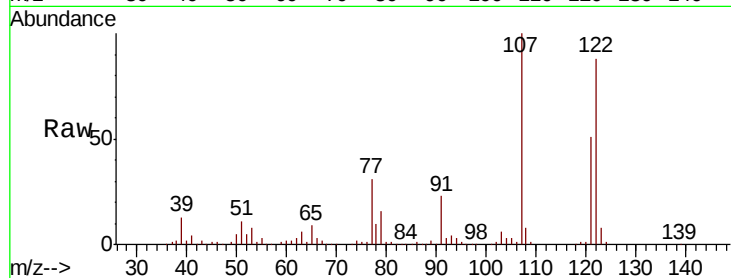
Tot Ion:122 Resp: 626662

Ion Ratio Lower Upper

122 100

107 114.0 90.0 135.0

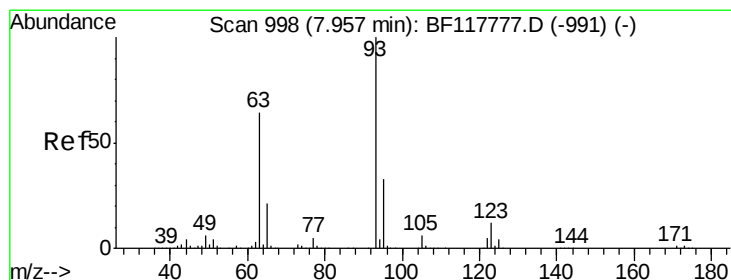
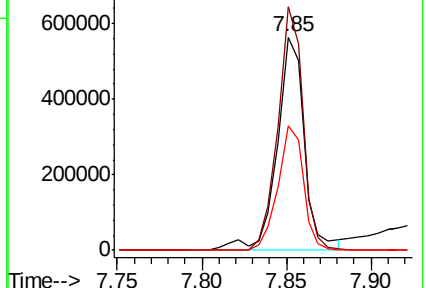
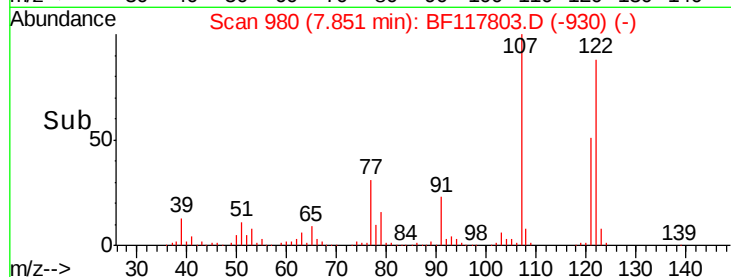
121 58.3 46.7 70.1



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: 36.605 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

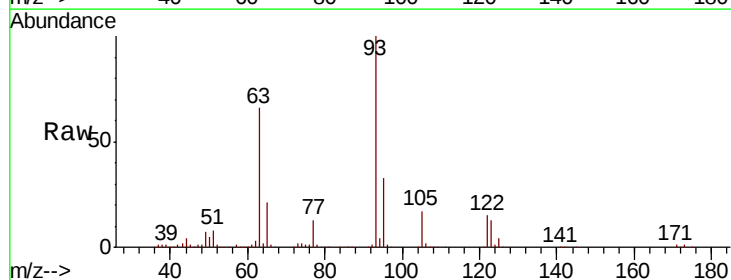
Tgt Ion: 93 Resp: 730594

Ion Ratio Lower Upper

93 100

95 32.8 26.6 40.0

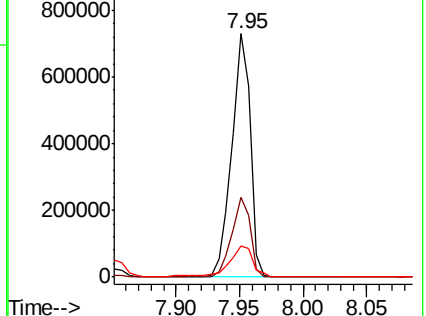
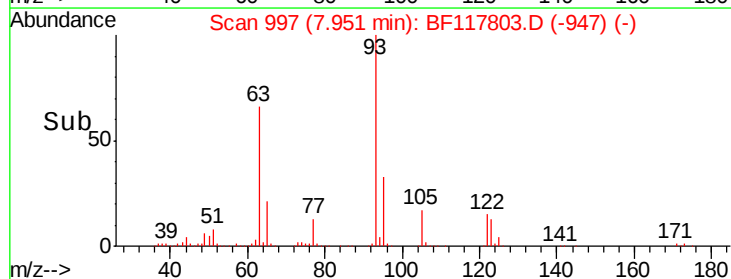
123 13.0 10.3 15.5

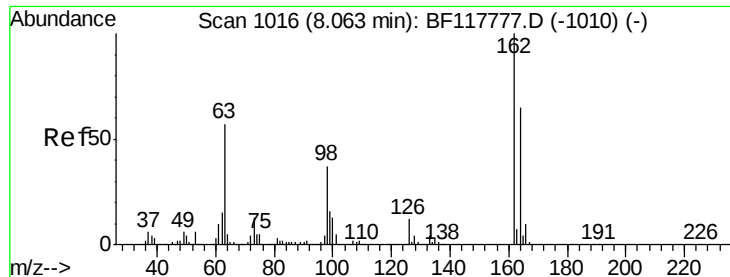


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

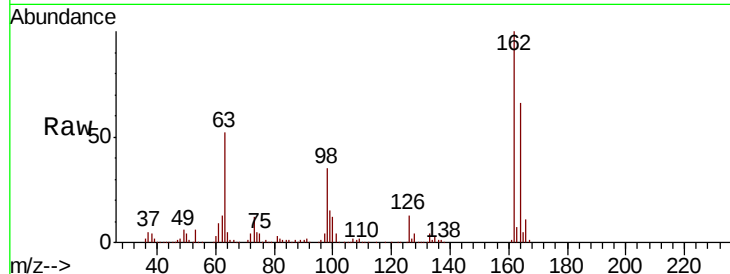




#29
 2,4-Dichlorophenol
 Concen: 38.420 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.1	85.1
98	34.6	17.2	57.2

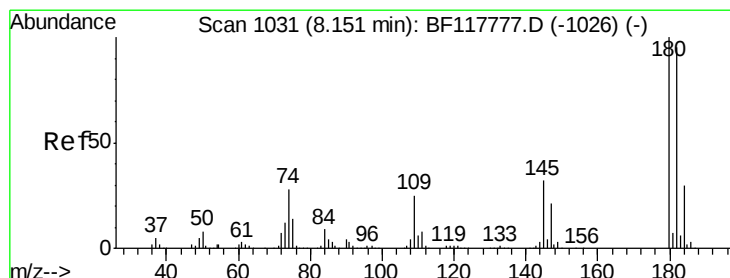
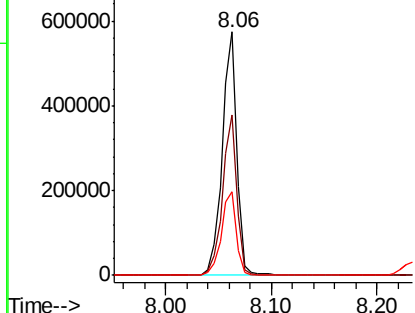
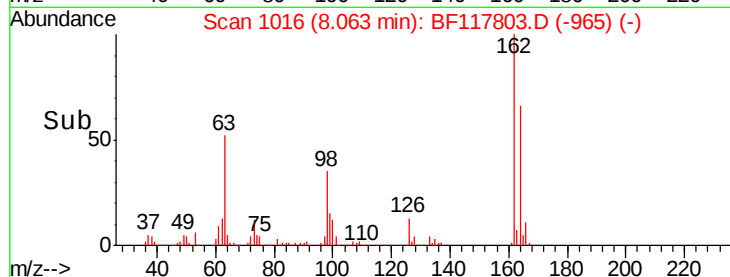


Abundance

Ion 162.00 (161.70 to 162.70): E

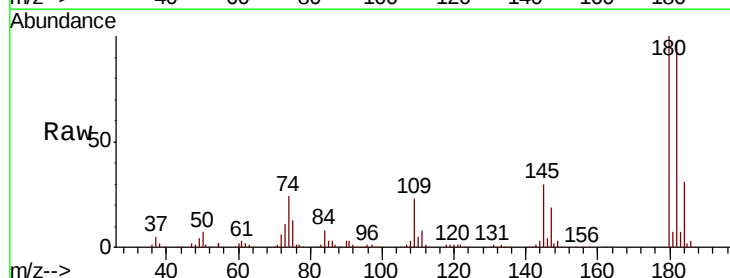
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.662 ng
 RT: 8.15 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	29.8	25.5	38.3

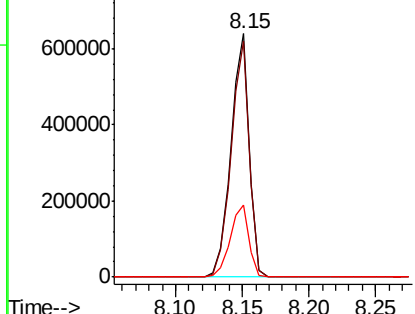
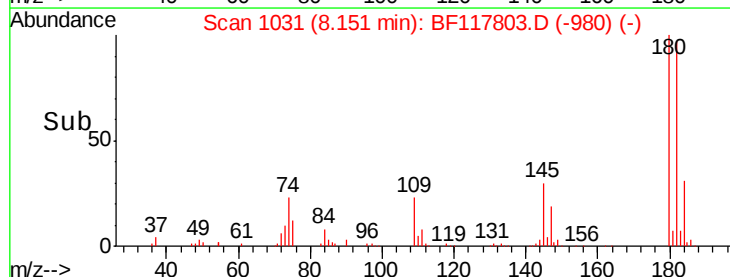


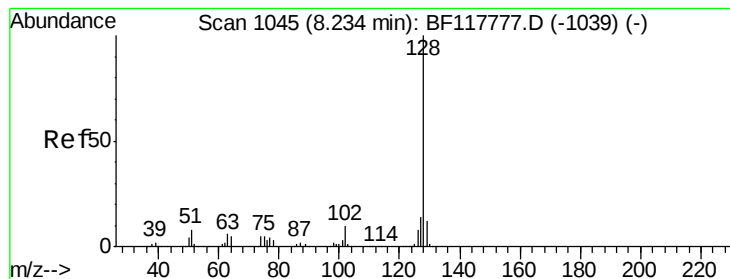
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.583 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

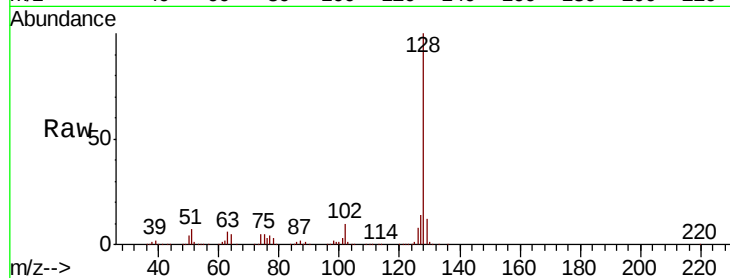
Tot Ion:128 Resp: 1882443

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

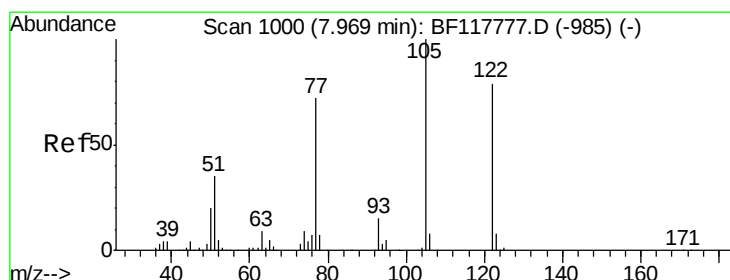
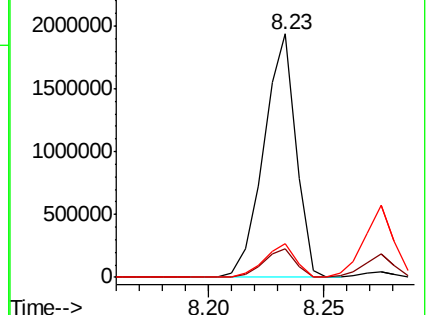
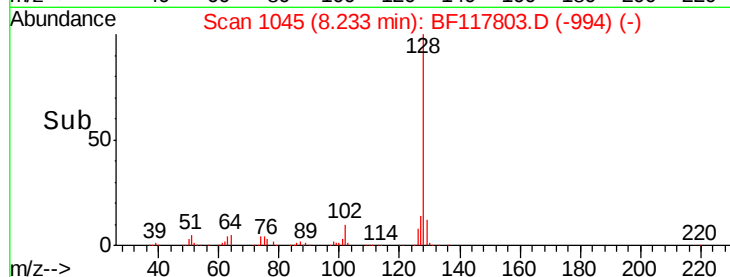
127 14.1 11.3 16.9



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: 38.196 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

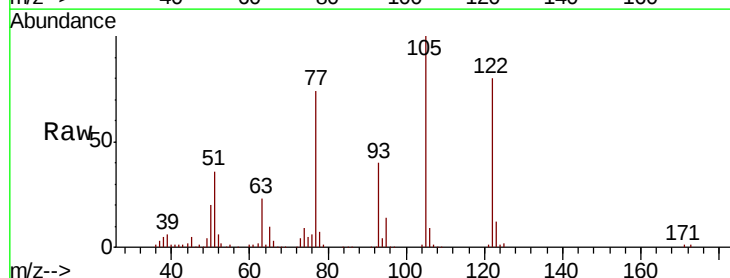
Tgt Ion:122 Resp: 428223

Ion Ratio Lower Upper

122 100

105 124.6 102.7 142.7

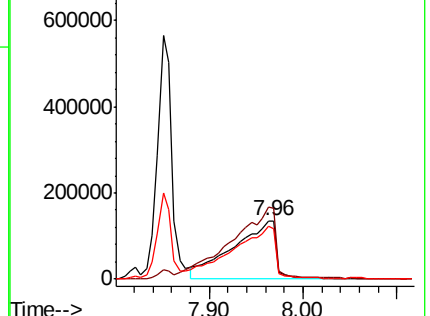
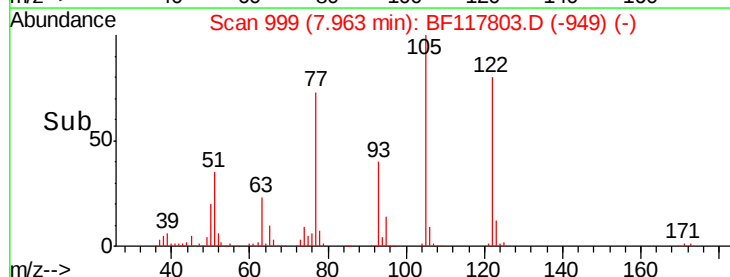
77 91.9 70.5 110.5

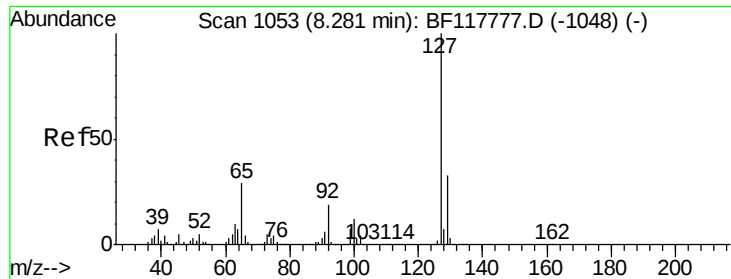


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

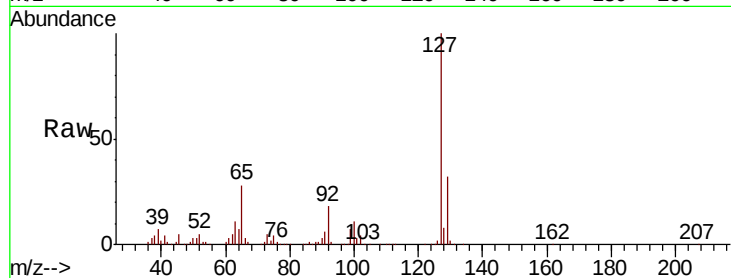




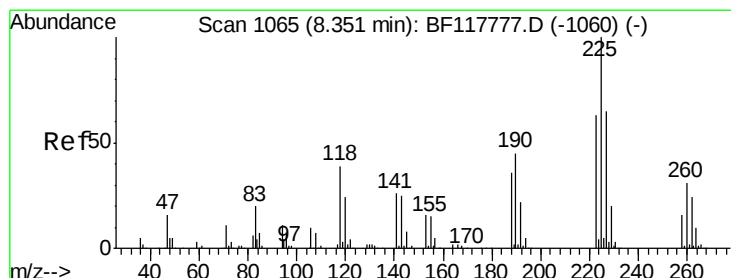
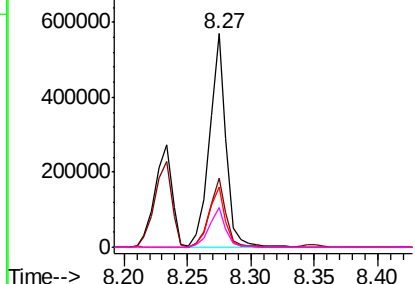
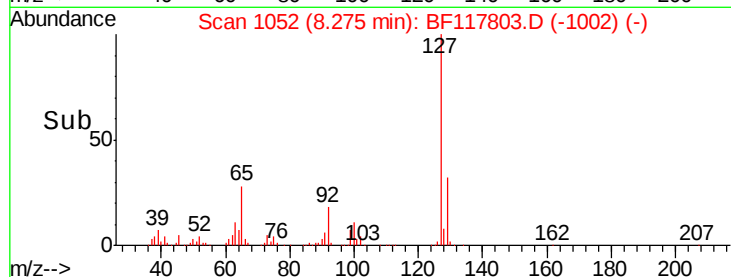
#33
4-Chloroaniline
Concen: 24.412 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	519748
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	28.0	22.9	34.3
92	18.4	15.0	22.6

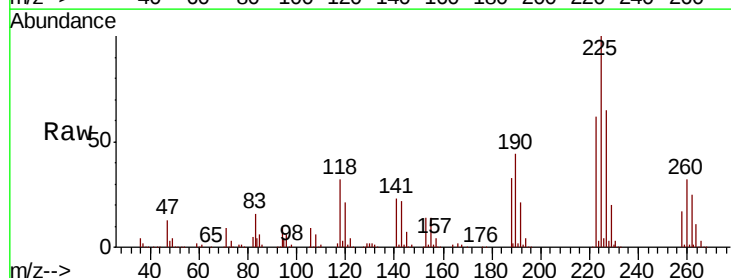


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

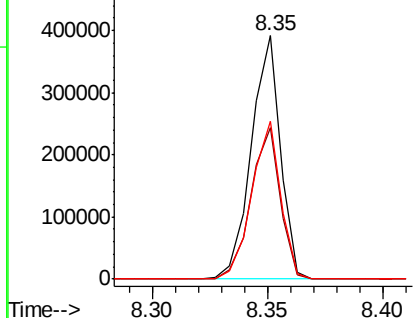
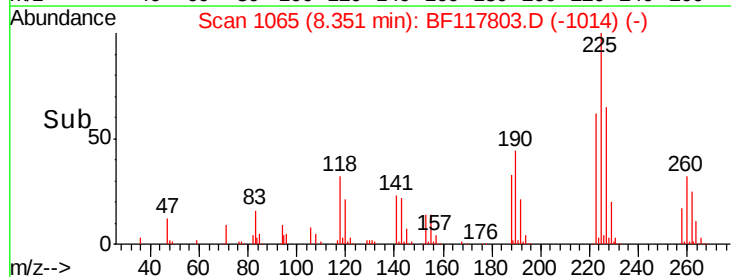


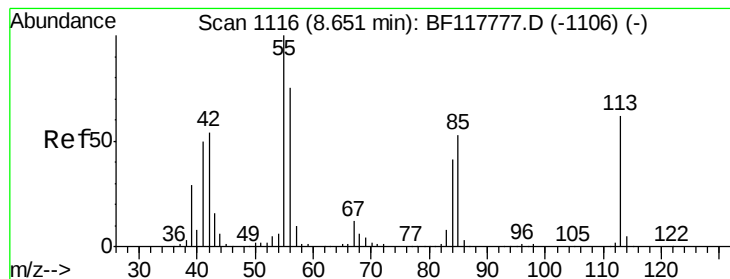
#34
Hexachlorobutadiene
Concen: 35.072 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:	225	Resp:	345446
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	65.0	51.8	77.6



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





#35

Caprolactam

Concen: 21.234 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

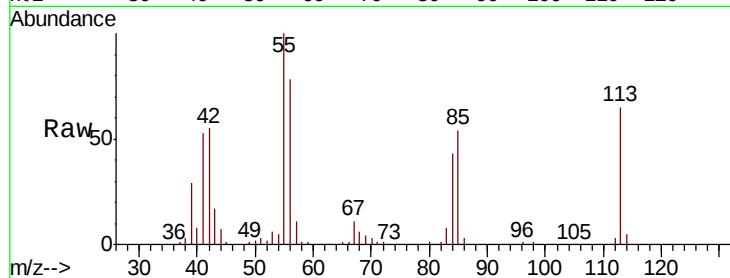
Tot Ion:113 Resp: 98013

Ion Ratio Lower Upper

113 100

55 154.7 141.1 181.1

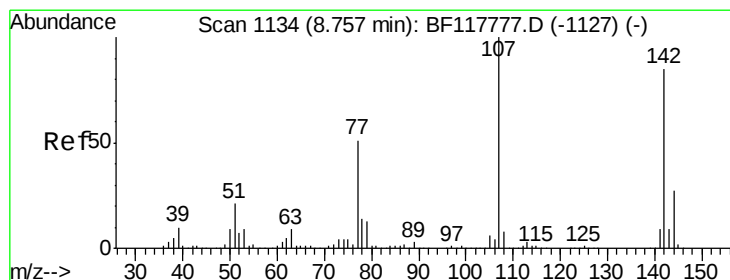
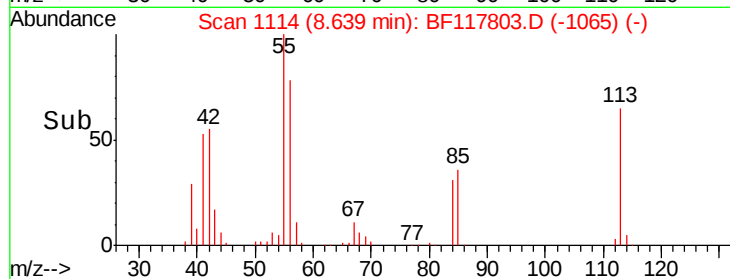
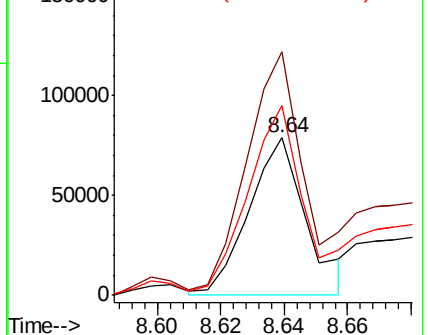
56 120.6 100.5 140.5



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: 39.802 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

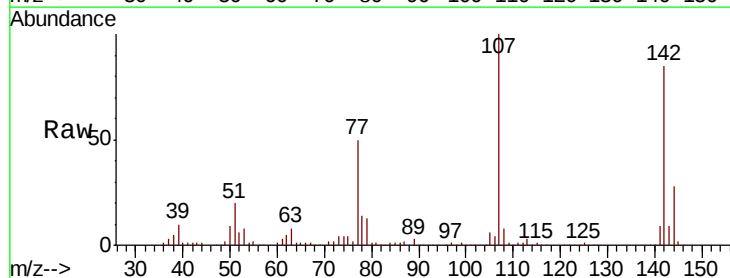
Tgt Ion:107 Resp: 586664

Ion Ratio Lower Upper

107 100

144 27.5 21.9 32.9

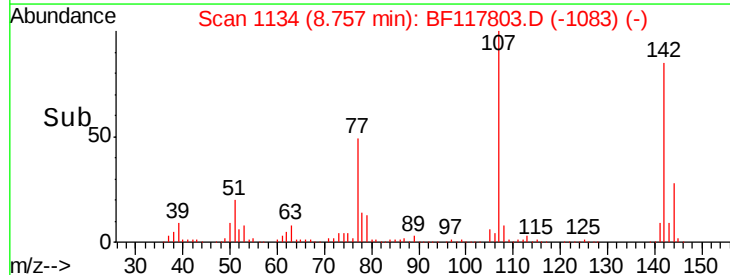
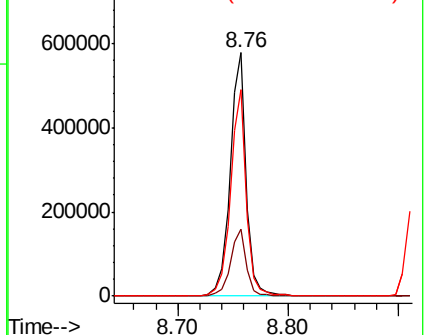
142 84.8 67.7 101.5

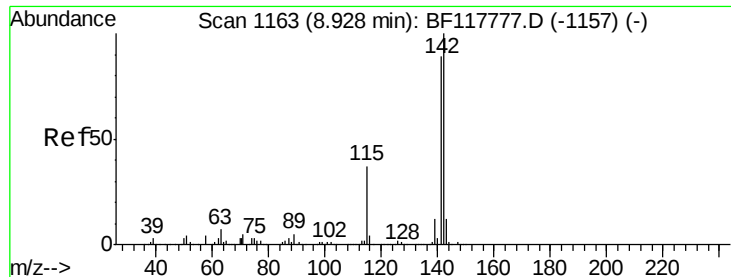


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

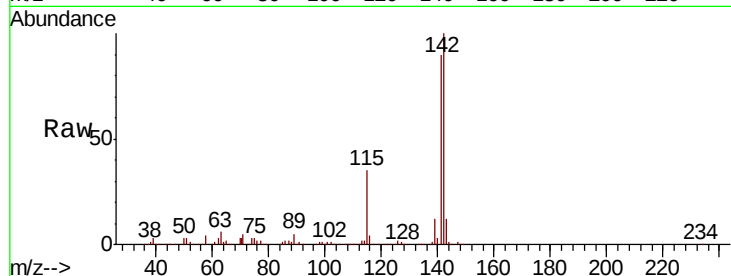




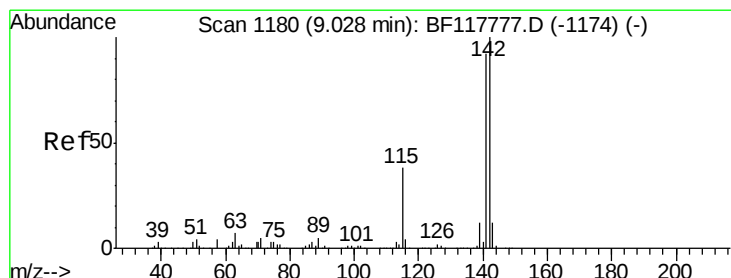
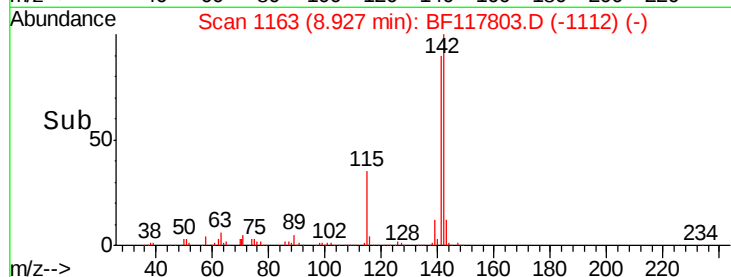
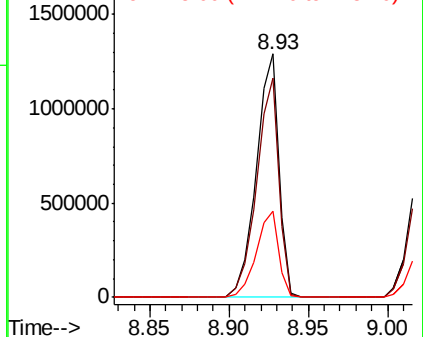
#37
2-Methylnaphthalene
Concen: 40.009 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1285613
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7
115 35.2 29.2 43.8

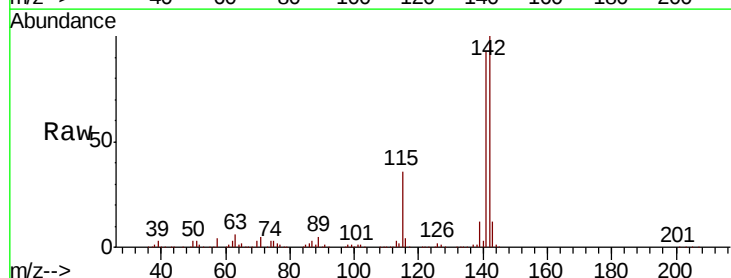


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

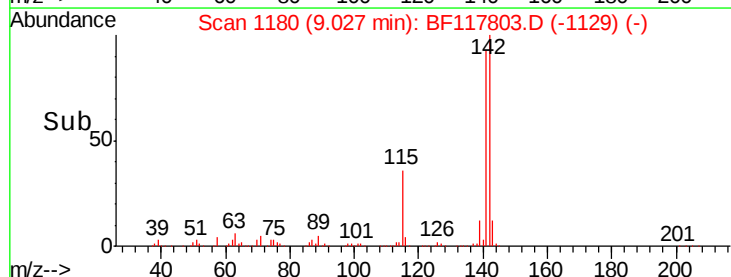
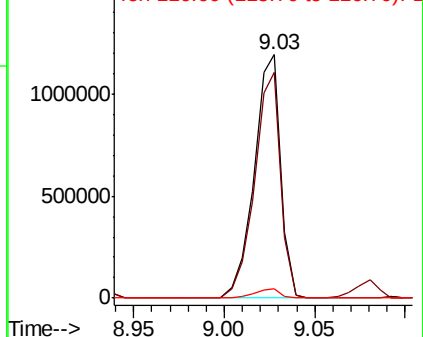


#38
1-Methylnaphthalene
Concen: 39.642 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:142 Resp: 1204268
Ion Ratio Lower Upper
142 100
141 92.9 73.5 110.3
116 3.8 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

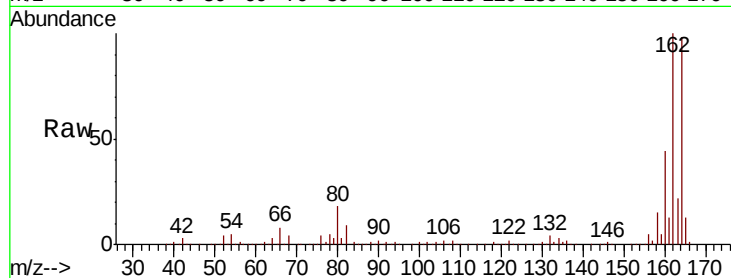




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	45.2	36.6	55.0

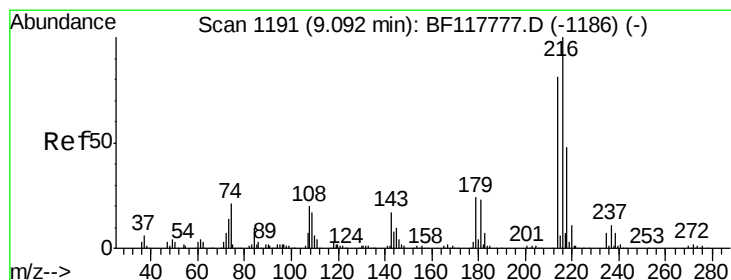
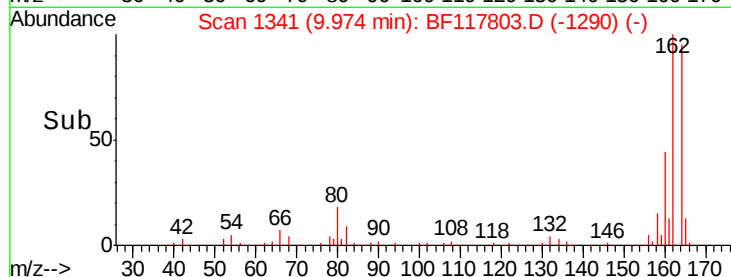
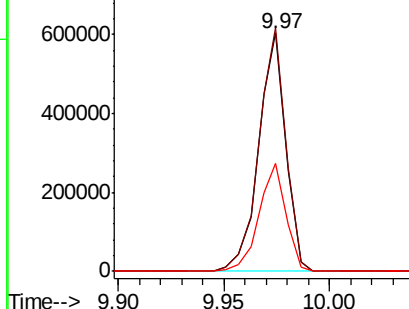


Abundance

Ion 164.00 (163.70 to 164.70): E

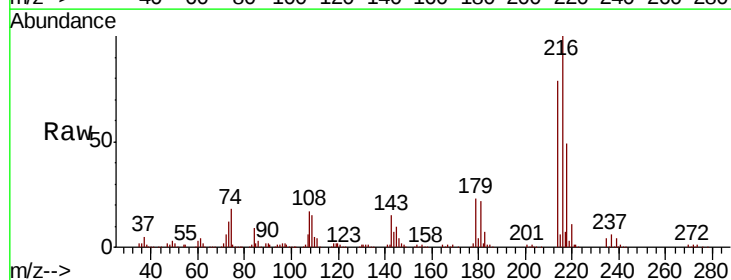
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.217 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	22.7	18.2	27.4
108	21.6	16.0	24.0



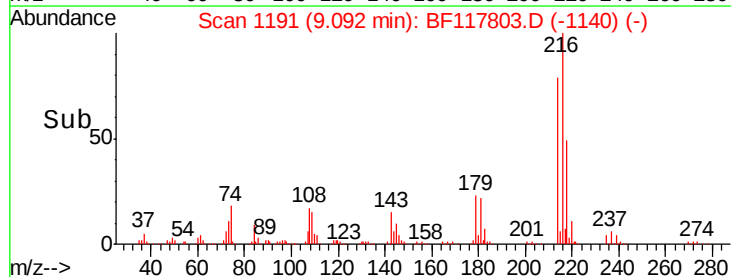
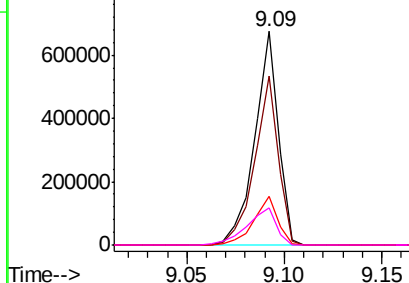
Abundance

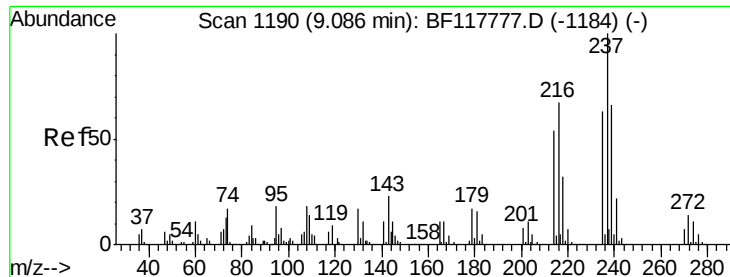
Ion 216.00 (215.70 to 216.70): E

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: 72.118 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

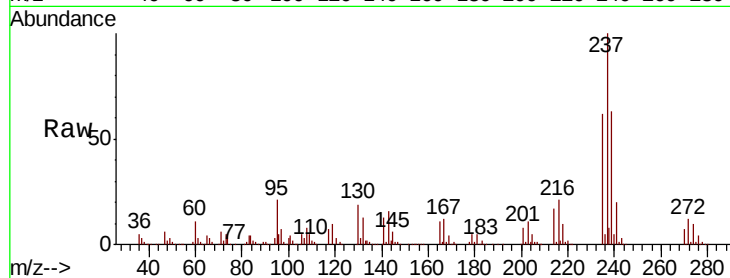
Tot Ion:237 Resp: 631712

Ion Ratio Lower Upper

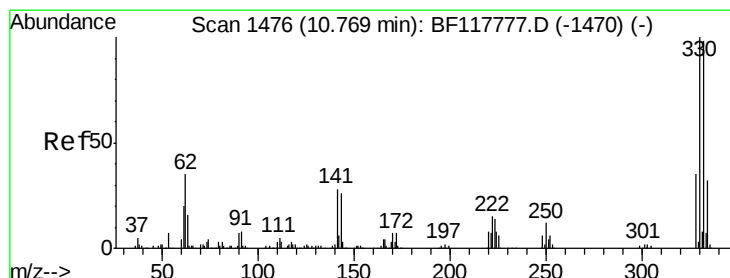
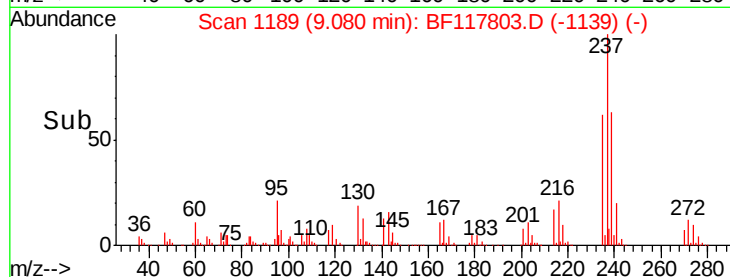
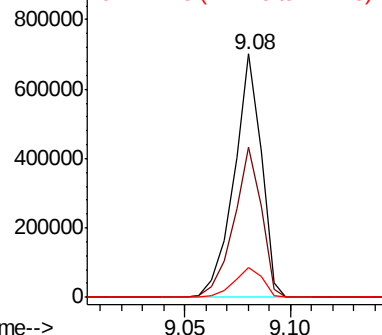
237 100

235 61.6 42.6 82.6

272 12.4 0.0 34.3



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: 105.886 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

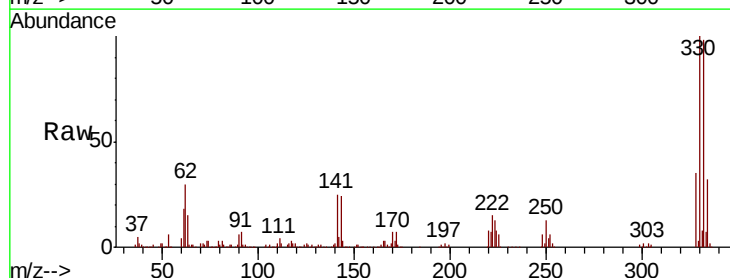
Tgt Ion:330 Resp: 603357

Ion Ratio Lower Upper

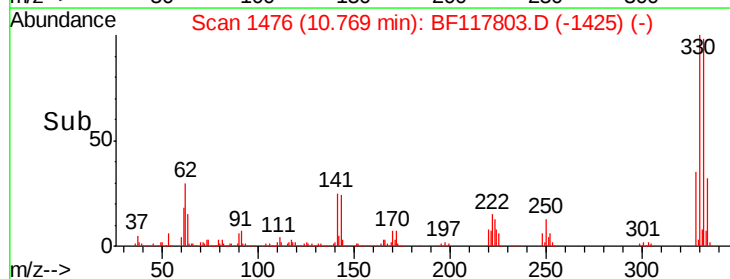
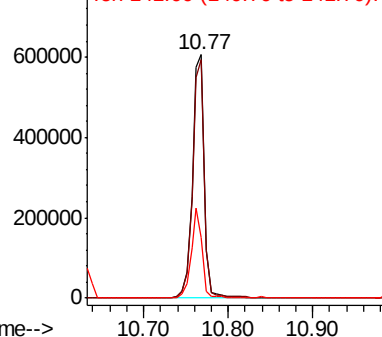
330 100

332 96.6 76.7 115.1

141 34.3 27.7 41.5



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

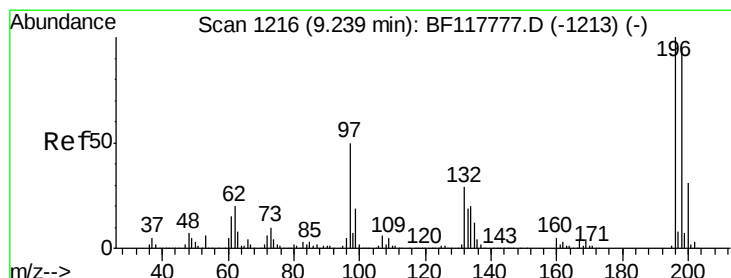
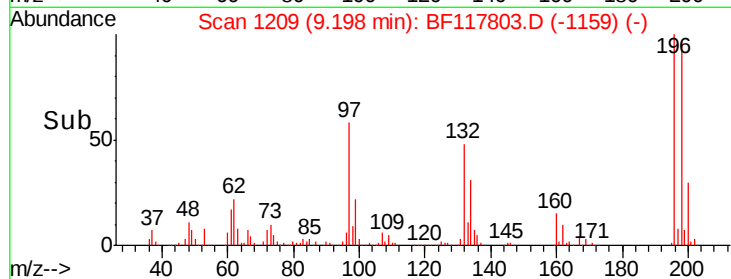
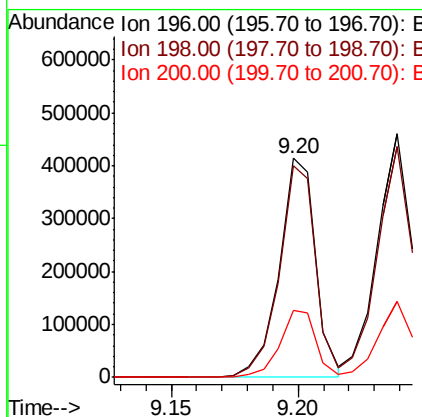
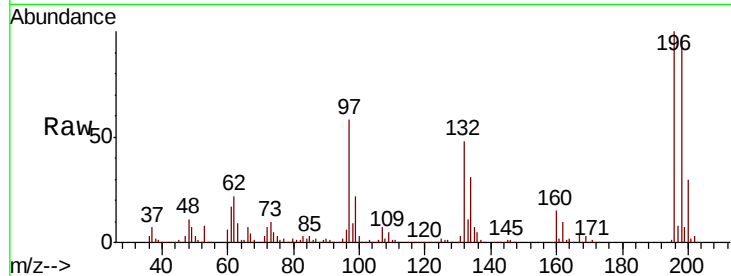




#43
 2,4,6-Trichlorophenol
 Concen: 37.132 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

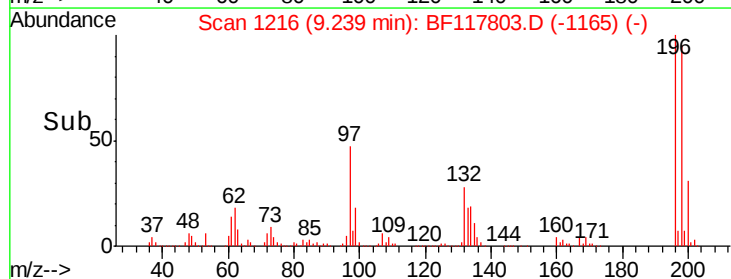
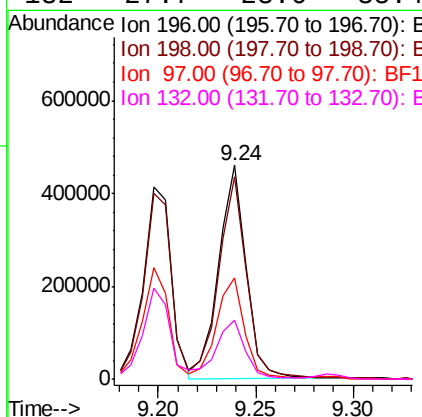
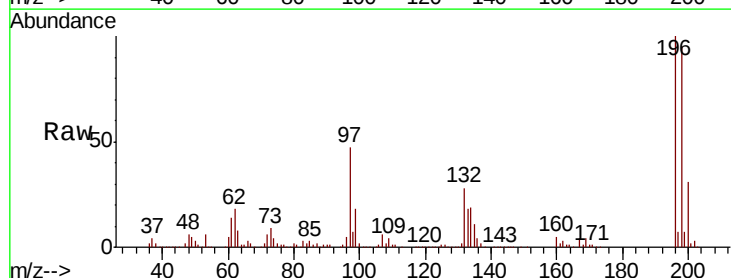
Instrument :
 BNA_F
 ClientSampled :

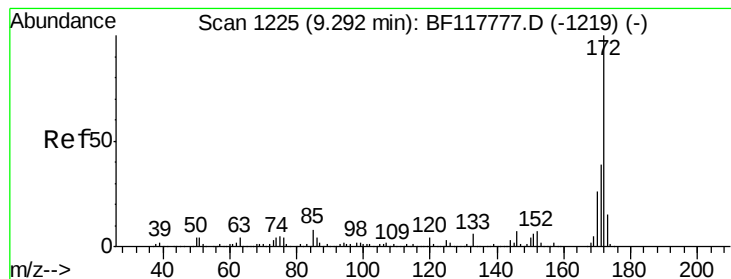
Tot Ion	196	Resp	415711
Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.8	116.6
200	30.5	25.4	38.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.594 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion	196	Resp	448624
Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.3	114.5
97	47.2	40.0	60.0
132	27.7	23.6	35.4





#45

2-Fluorobiphenyl

Concen: 67.479 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

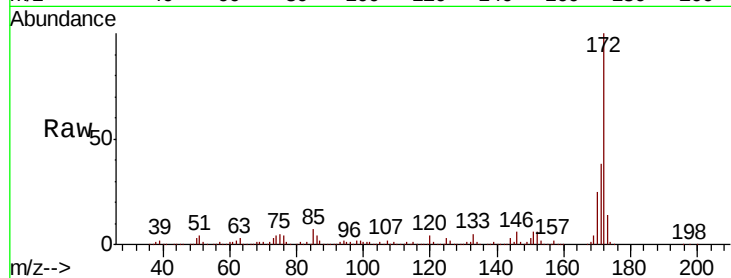
Tot Ion:172 Resp: 2024439

Ion Ratio Lower Upper

172 100

171 37.6 30.9 46.3

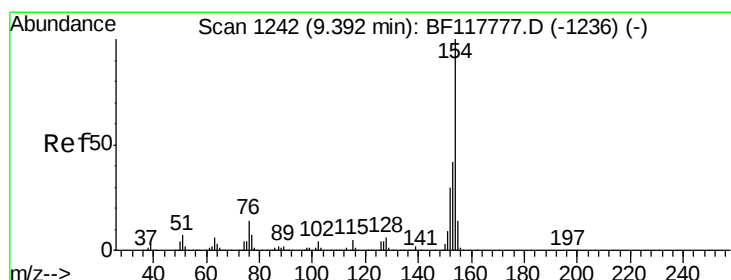
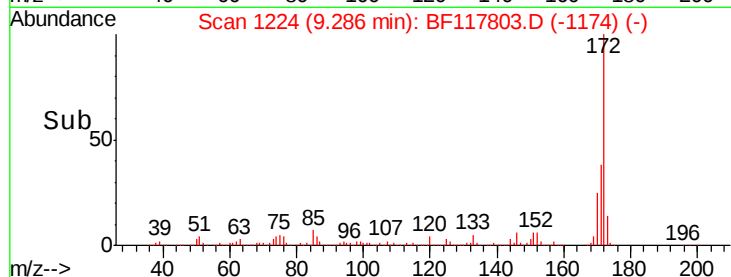
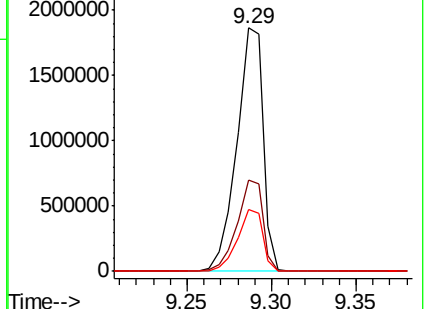
170 25.2 21.0 31.4



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: 38.501 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

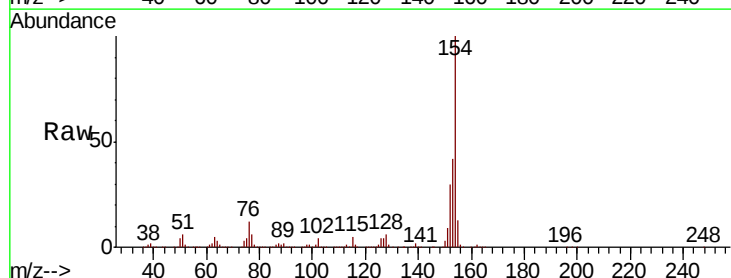
Tgt Ion:154 Resp: 1537399

Ion Ratio Lower Upper

154 100

153 42.4 21.9 61.9

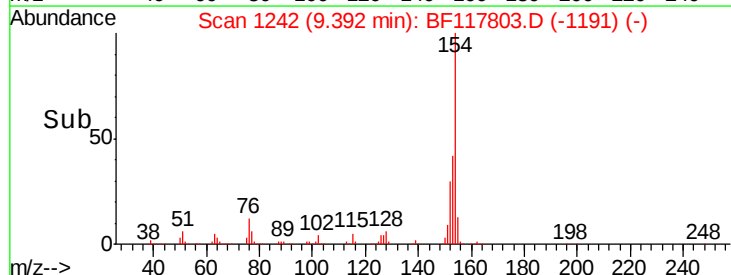
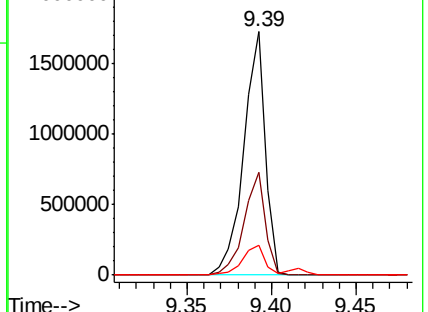
76 12.1 0.0 33.6

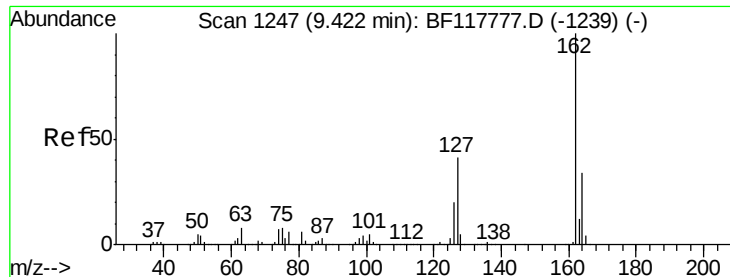


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

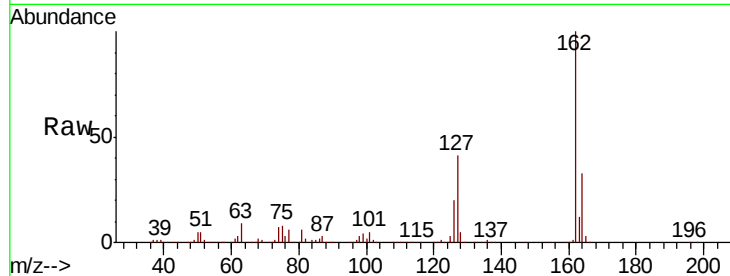




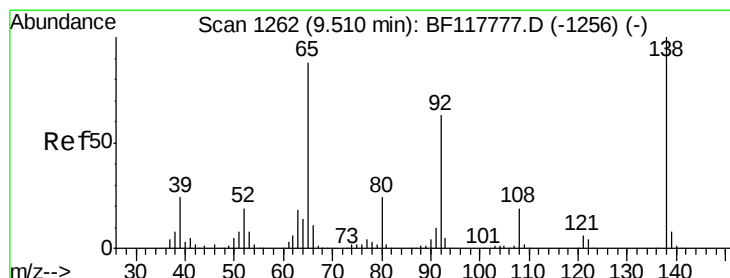
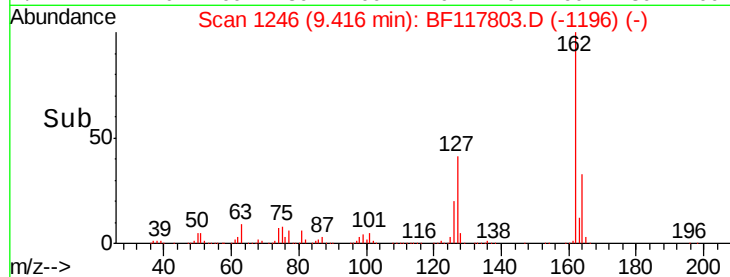
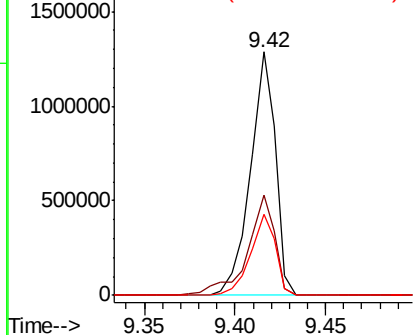
#47
 2-Chloronaphthalene
 Concen: 37.522 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	1232592
Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.2	49.8
164	33.3	27.3	40.9

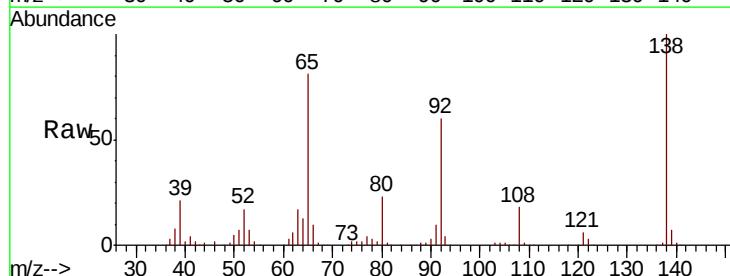


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

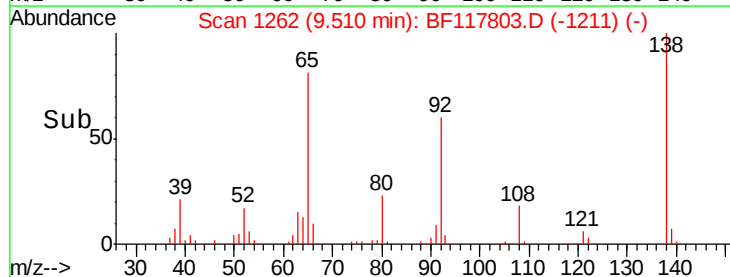
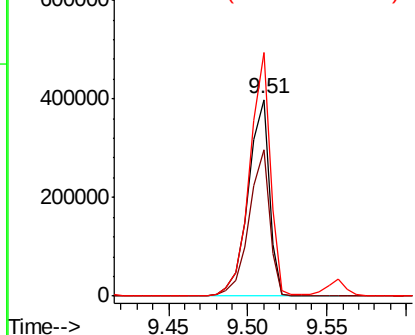


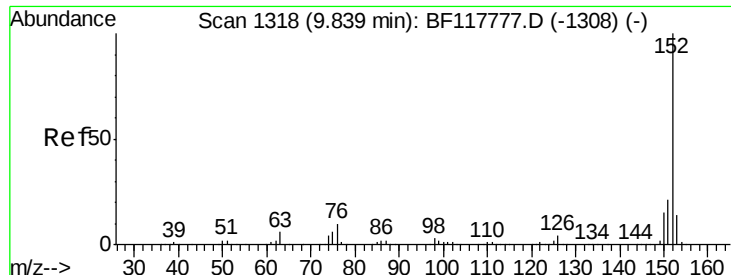
#48
 2-Nitroaniline
 Concen: 37.369 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion:	65	Resp:	370607
Ion	Ratio	Lower	Upper
65	100		
92	74.1	56.6	84.8
138	123.8	90.5	135.7



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: 39.992 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

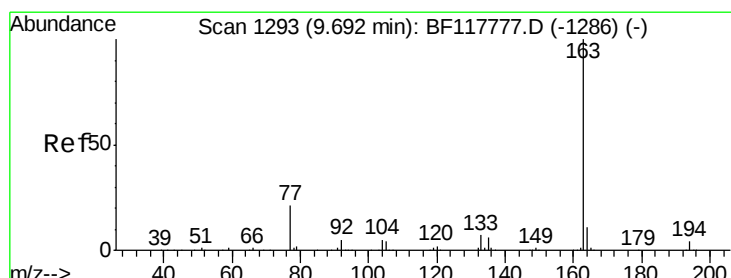
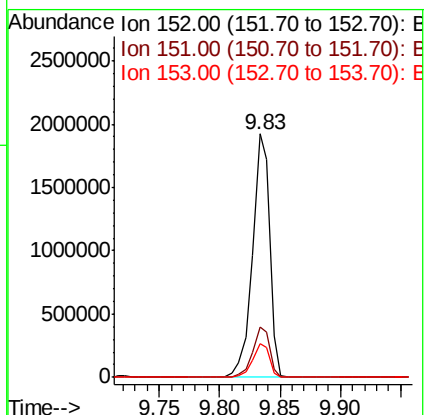
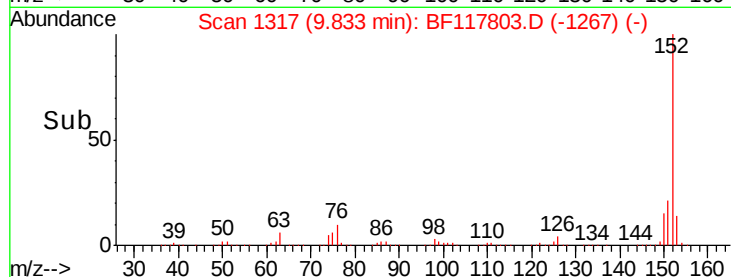
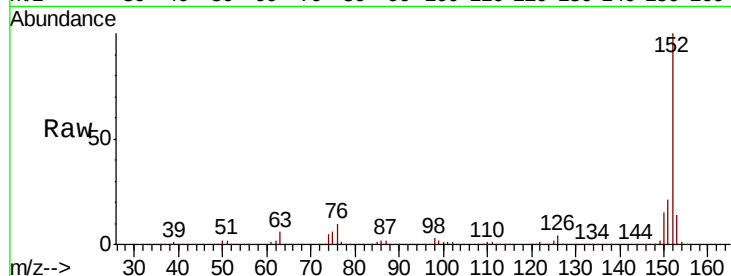
Tot Ion:152 Resp: 1915372

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

153 14.0 11.0 16.6



#50

Dimethylphthalate

Concen: 36.750 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

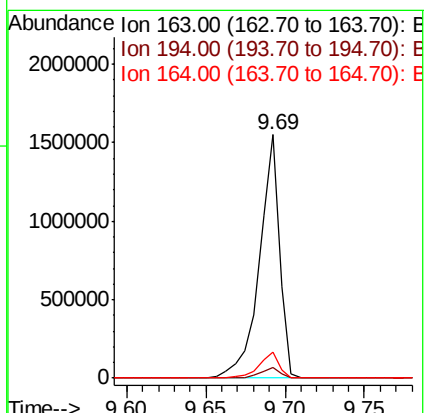
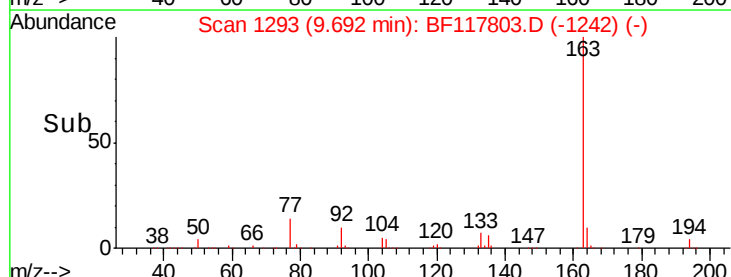
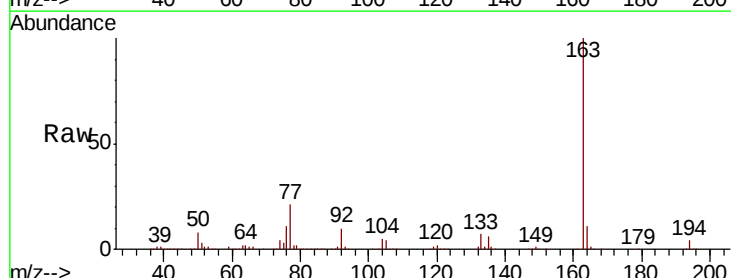
Tgt Ion:163 Resp: 1387066

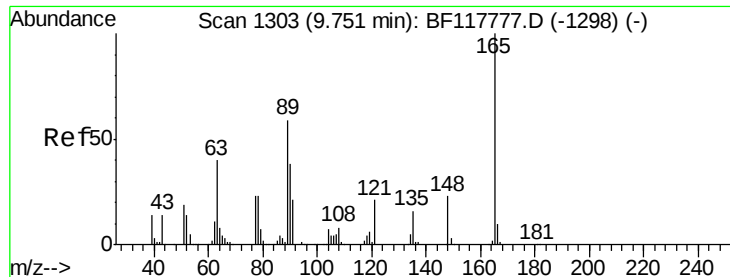
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.5 8.7 13.1

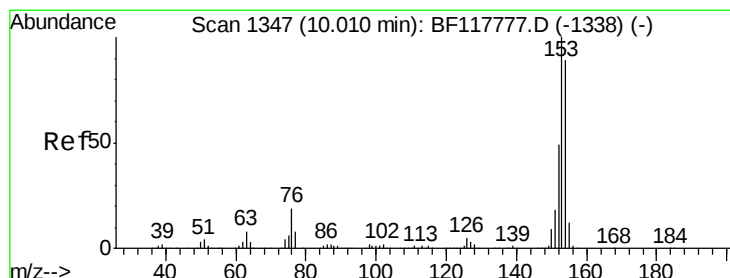
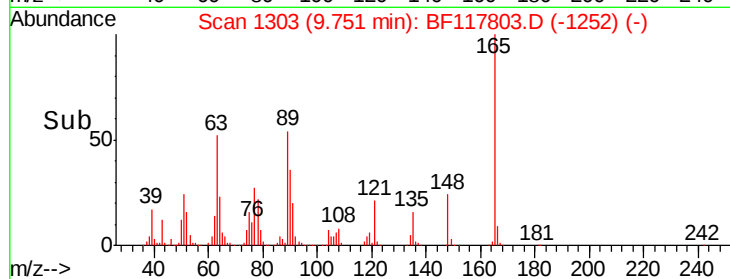
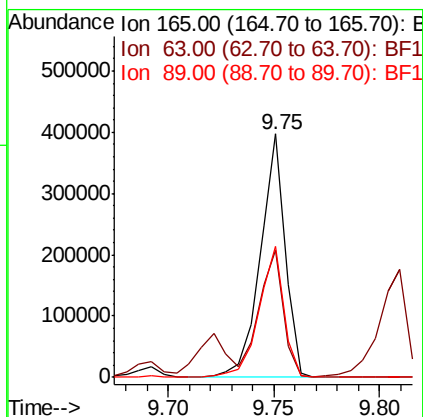
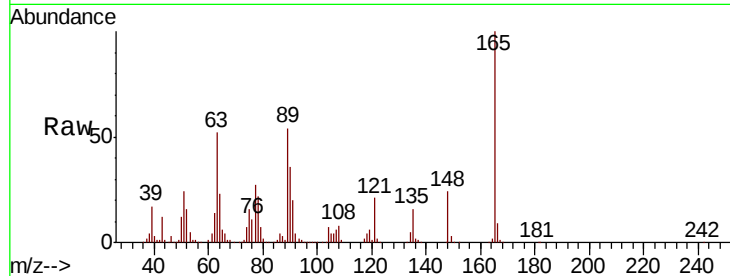




#51
 2,6-Dinitrotoluene
 Concen: 39.432 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

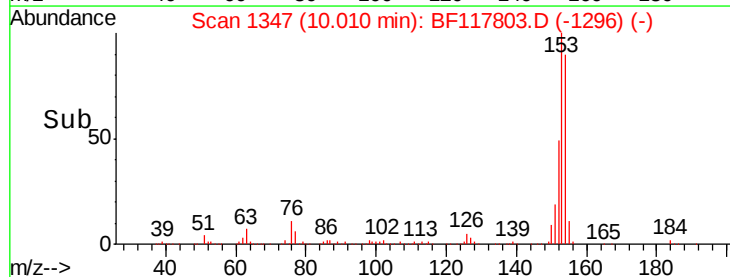
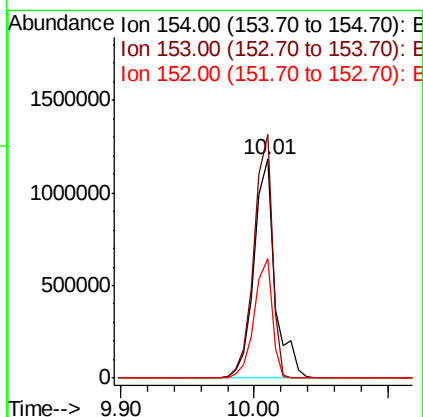
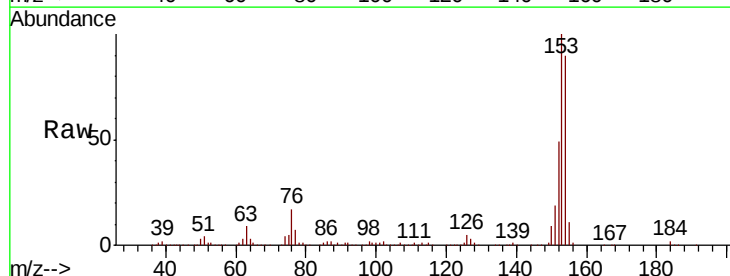
Instrument :
 BNA_F
 ClientSampleId :

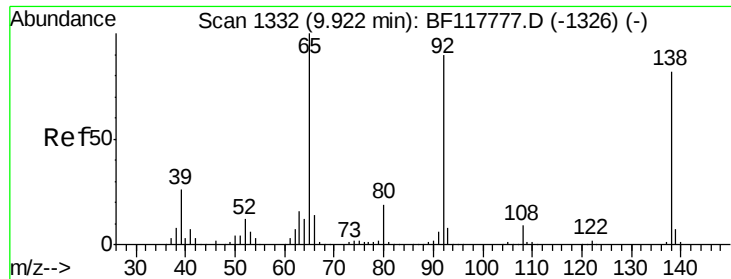
Tot Ion:165 Resp: 325272
 Ion Ratio Lower Upper
 165 100
 63 52.3 46.0 69.0
 89 53.7 47.7 71.5



#52
 Acenaphthene
 Concen: 41.438 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion:154 Resp: 1271333
 Ion Ratio Lower Upper
 154 100
 153 111.1 90.1 135.1
 152 54.2 44.0 66.0

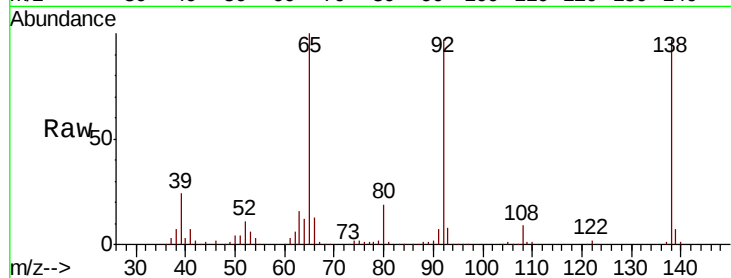




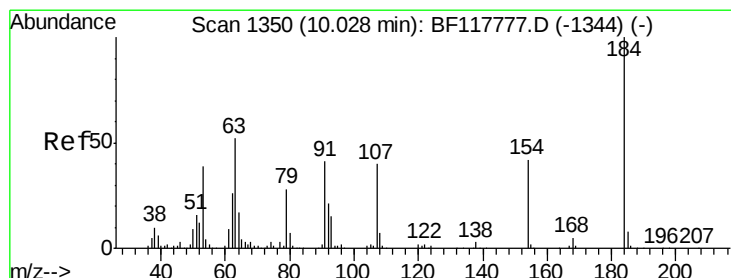
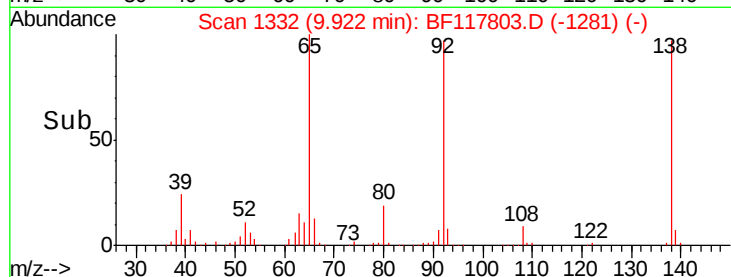
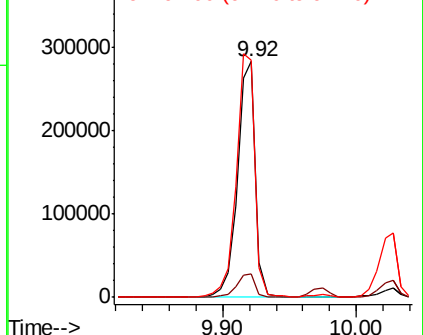
#53
3-Nitroaniline
Concen: 26.859 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 265110
Ion Ratio Lower Upper
138 100
108 9.7 8.6 12.8
92 100.8 87.9 131.9

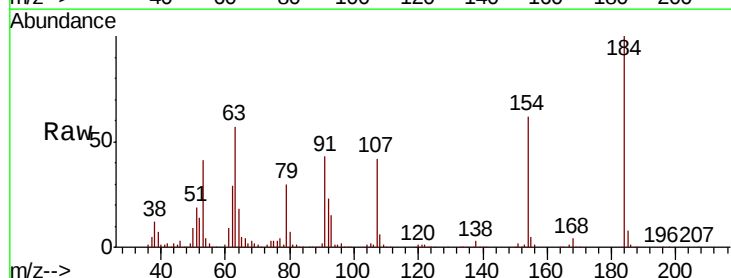


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

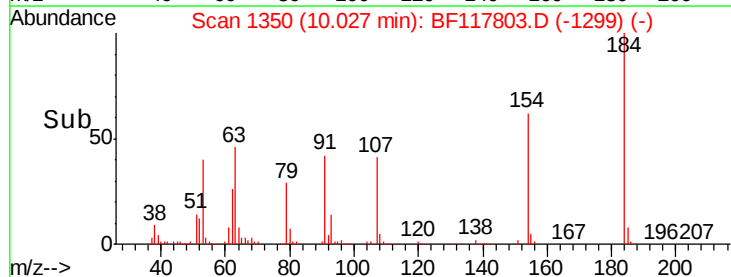
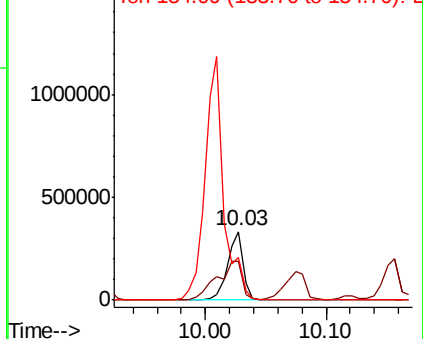


#54
2,4-Dinitrophenol
Concen: 70.322 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:184 Resp: 293982
Ion Ratio Lower Upper
184 100
63 57.3 43.0 64.6
154 61.6 48.0 72.0



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

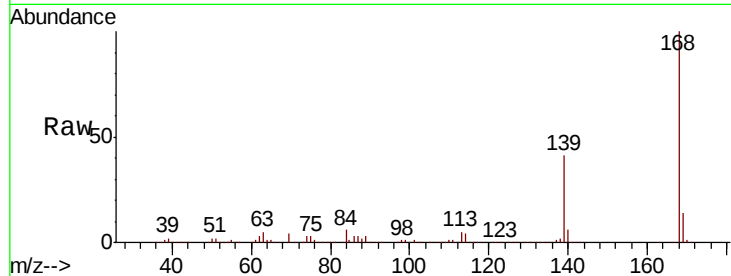




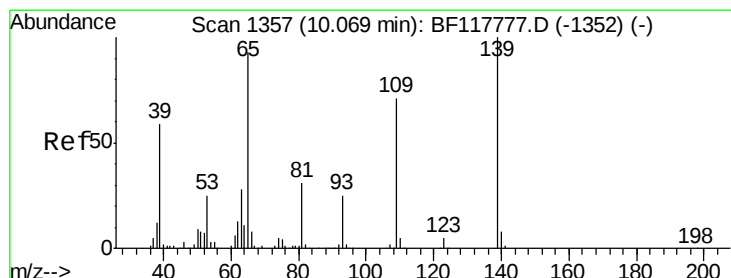
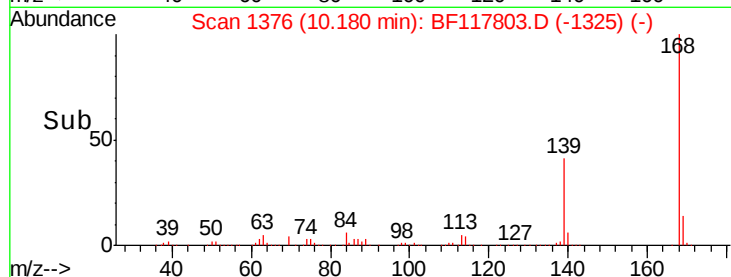
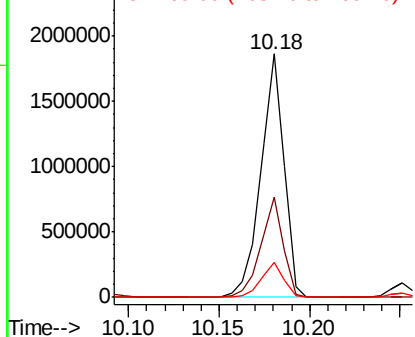
#55
Dibenzenofuran
Concen: 39.013 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1657454
Ion Ratio Lower Upper
168 100
139 41.0 33.0 49.6
169 14.1 11.5 17.3

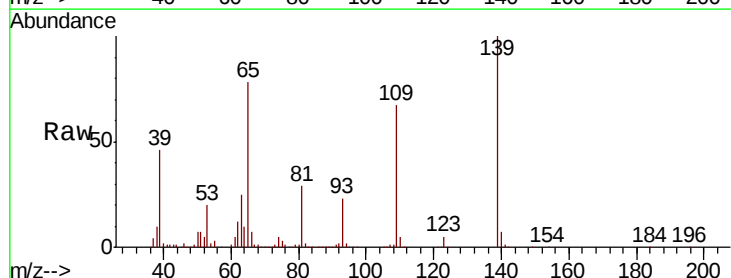


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

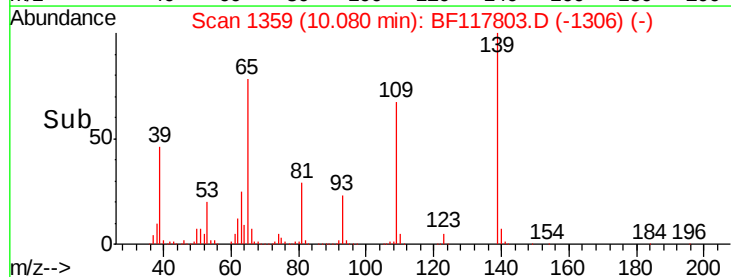
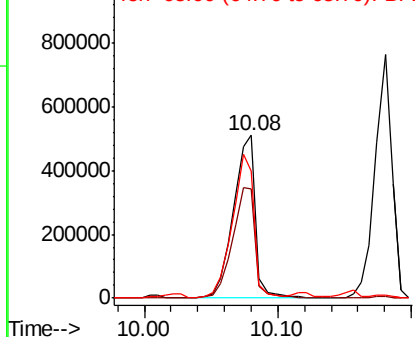


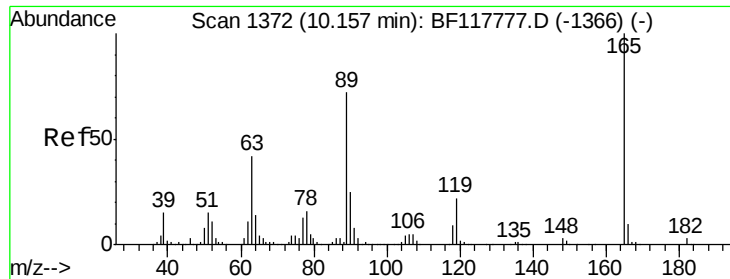
#56
4-Nitrophenol
Concen: 80.704 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:139 Resp: 594588
Ion Ratio Lower Upper
139 100
109 67.3 50.8 90.8
65 78.1 73.6 113.6



Abundance Ion 139.00 (138.70 to 139.70): E
1000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

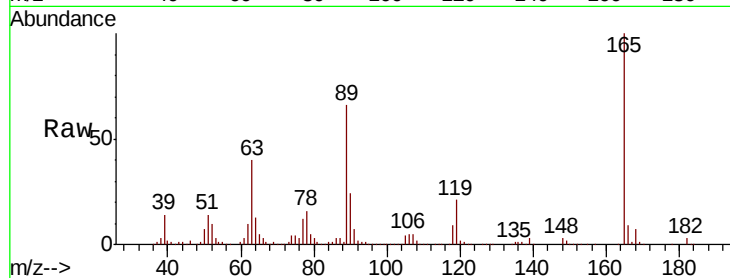




#57
2,4-Dinitrotoluene
Concen: 40.951 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.6	33.7	50.5
89	66.4	57.3	85.9
182	2.9	2.3	3.5



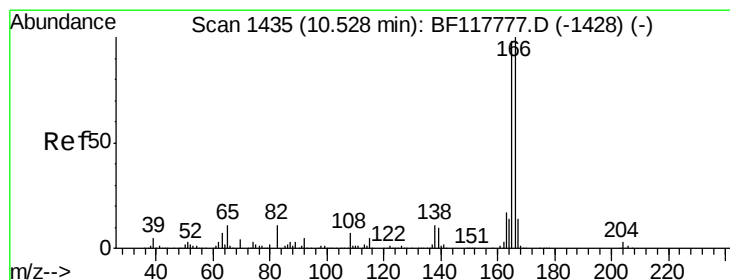
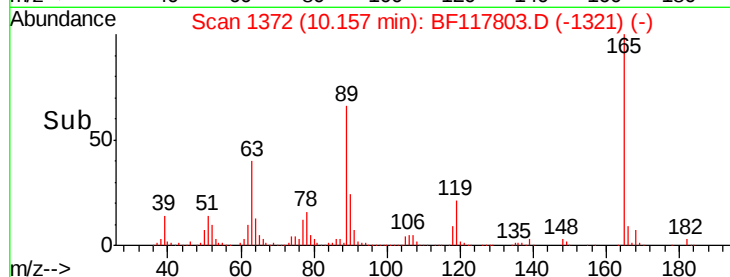
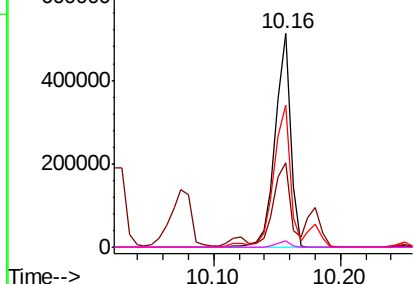
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

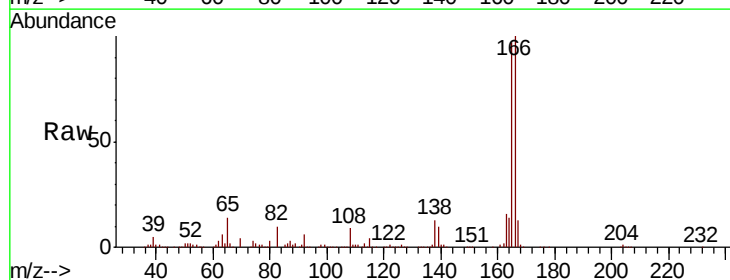
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.009 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.4	117.6
167	13.4	11.0	16.4

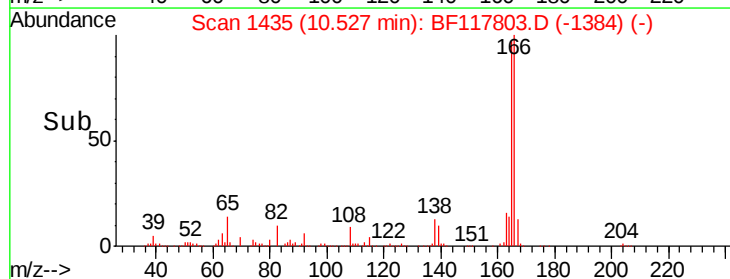
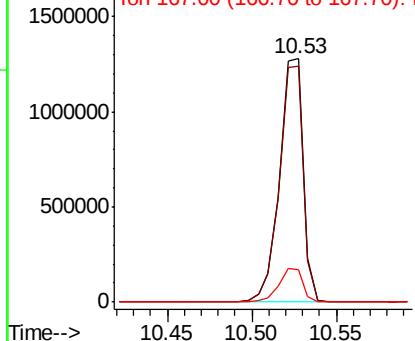


Abundance

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

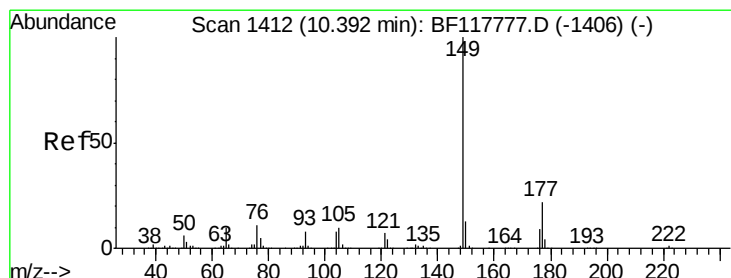
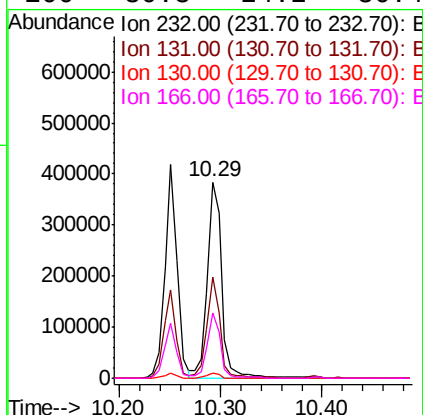
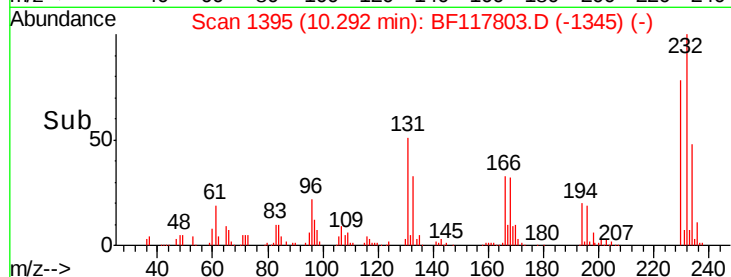
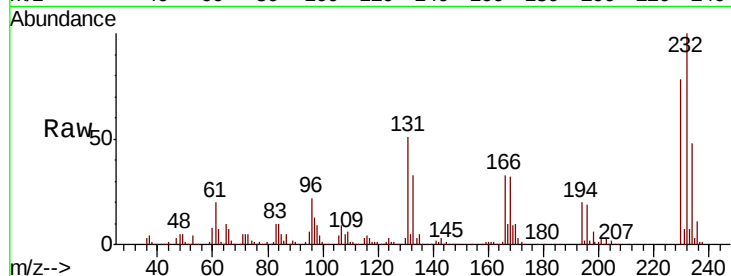




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.380 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

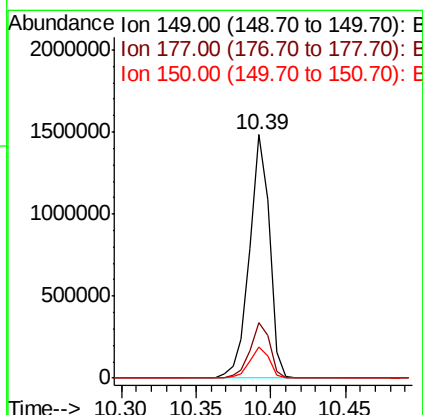
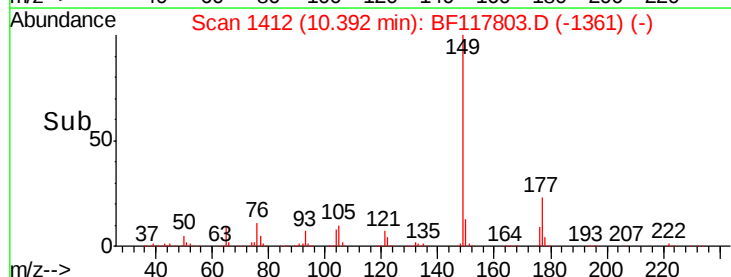
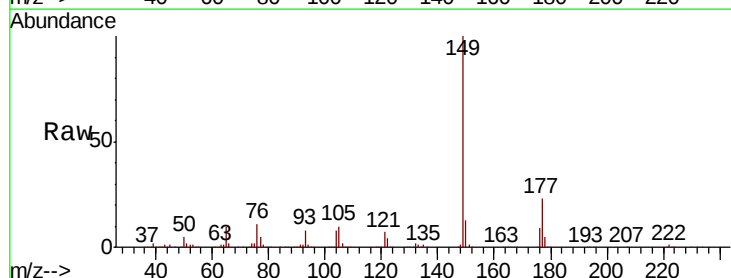
Instrument :
 BNA_F
 ClientSampleId :

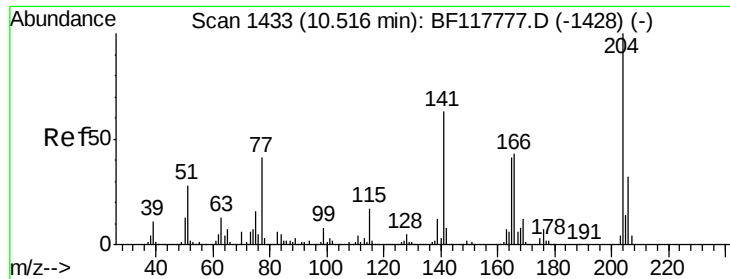
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.6	56.4
130	2.4	1.9	2.9
166	30.3	24.2	36.4



#60
 Diethylphthalate
 Concen: 37.184 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	13.0	10.5	15.7

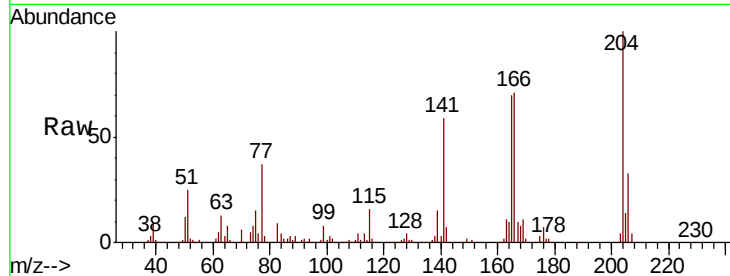




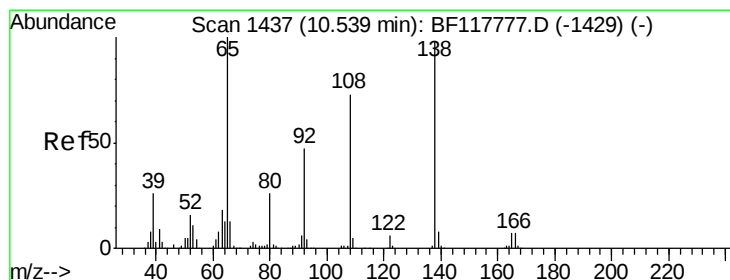
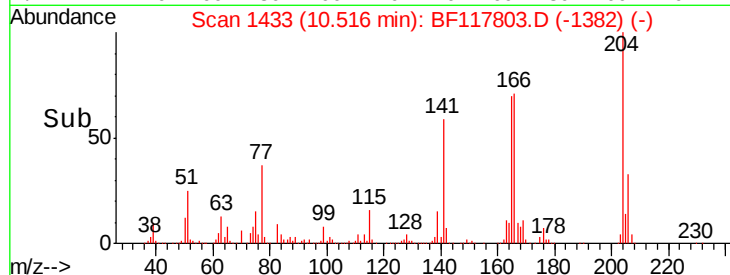
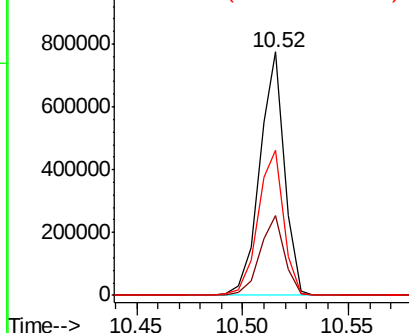
#61
 4-Chlorophenyl-phenylether
 Concen: 37.690 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 629722
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.6 38.4
 141 59.4 50.7 76.1

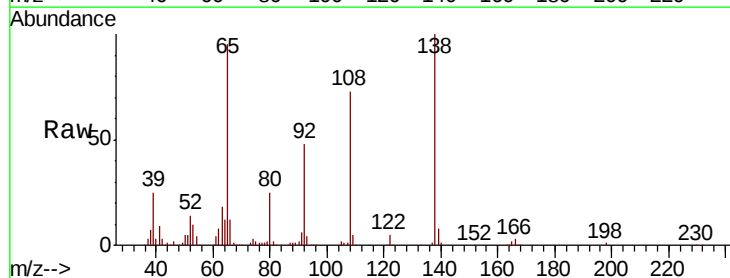


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

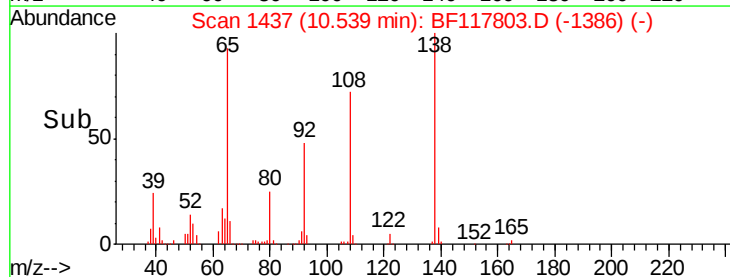
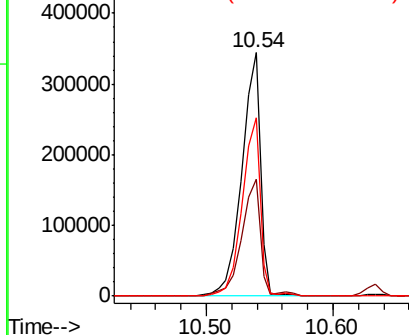


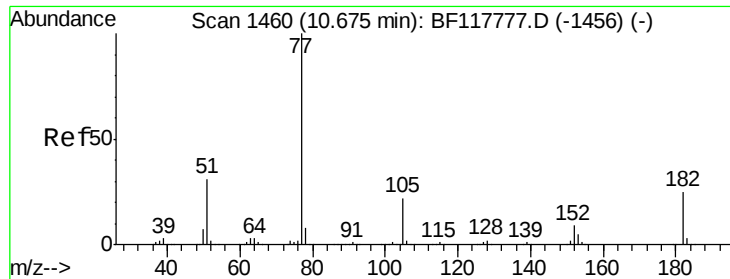
#62
 4-Nitroaniline
 Concen: 35.442 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion:138 Resp: 350269
 Ion Ratio Lower Upper
 138 100
 92 47.9 28.3 68.3
 108 73.2 54.3 94.3



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

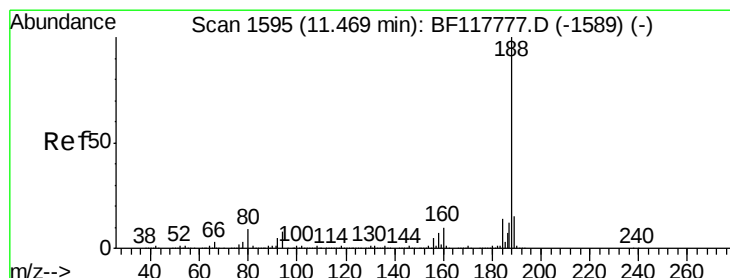
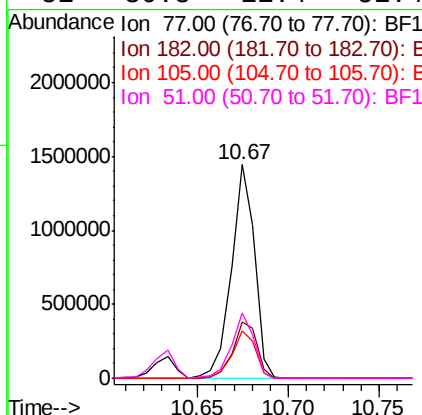
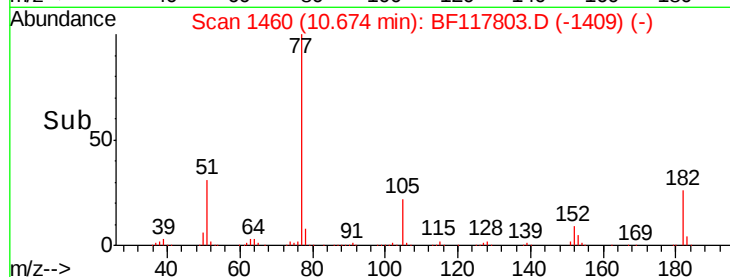
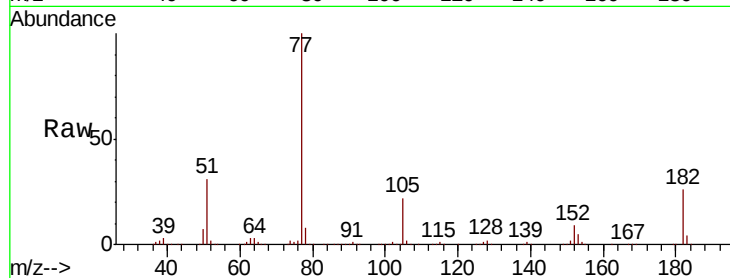




#63
Azobenzene
Concen: 38.337 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

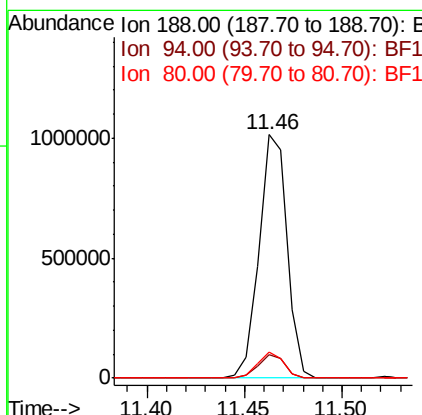
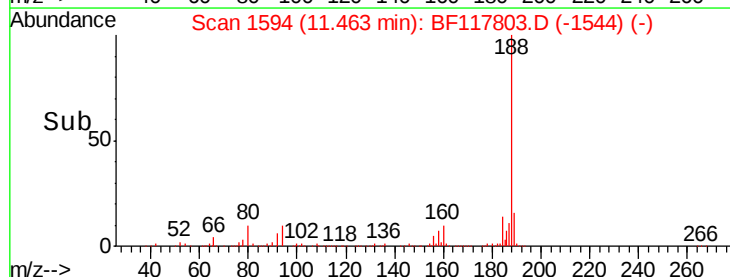
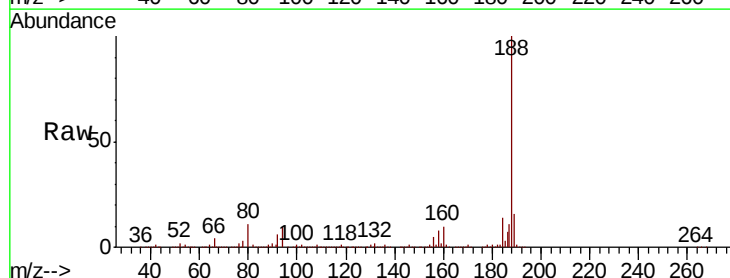
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1283405
Ion Ratio Lower Upper
77 100
182 26.3 4.8 44.8
105 22.2 2.1 42.1
51 30.8 11.4 51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion: 188 Resp: 1006161
Ion Ratio Lower Upper
188 100
94 9.9 6.6 10.0
80 10.5 7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 43.393 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampled :

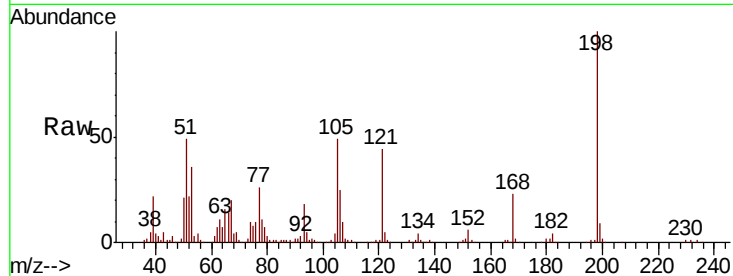
Tot Ion:198 Resp: 203821

Ion Ratio Lower Upper

198 100

51 49.3 16.0 56.0

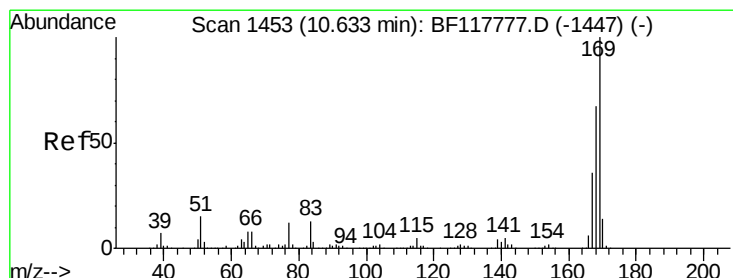
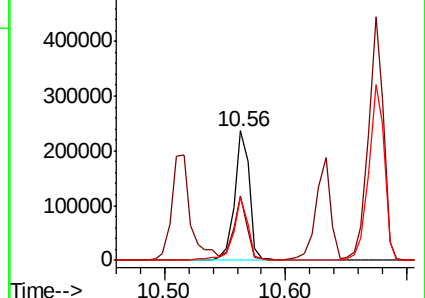
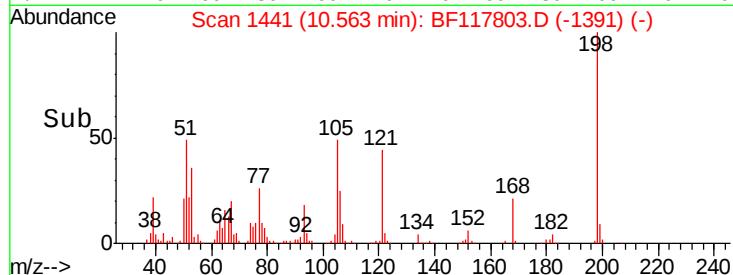
105 48.9 19.1 59.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.897 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

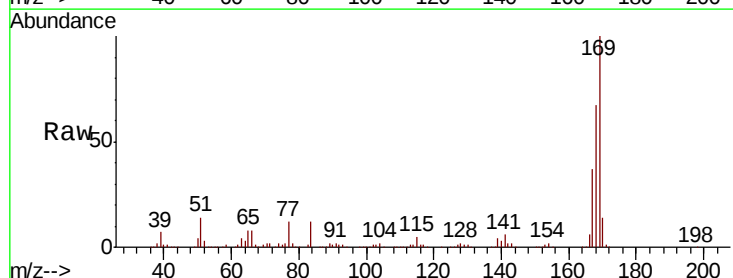
Tgt Ion:169 Resp: 1138989

Ion Ratio Lower Upper

169 100

168 67.0 53.5 80.3

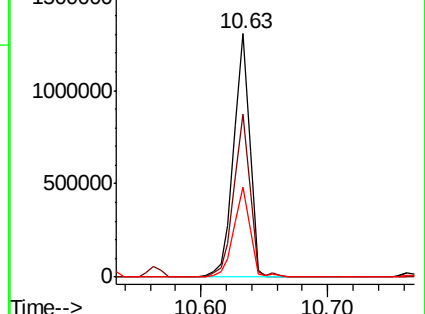
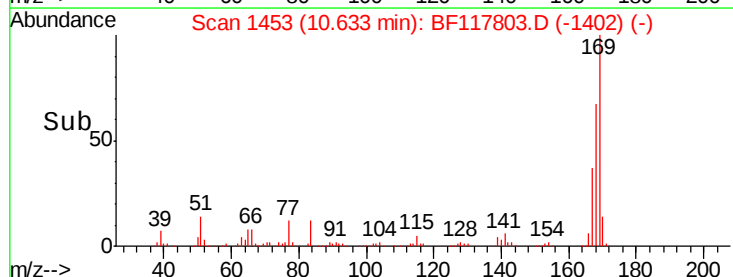
167 36.9 29.0 43.4

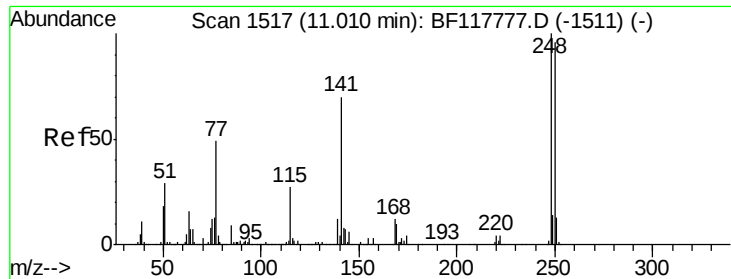


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

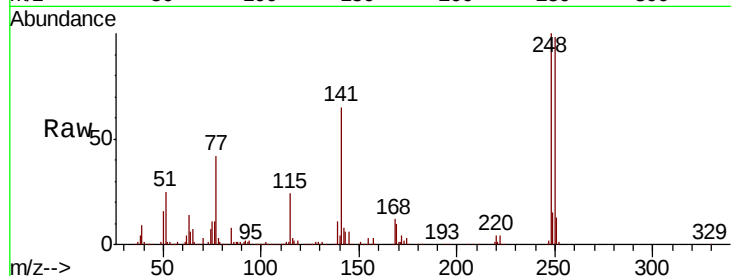




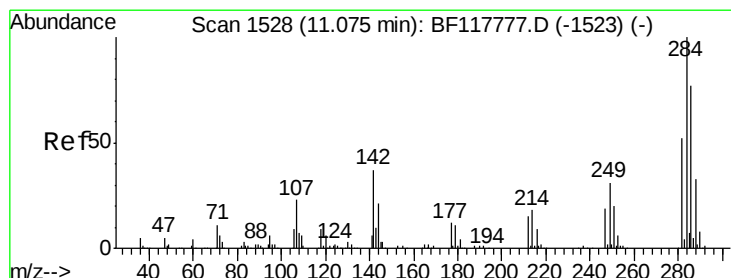
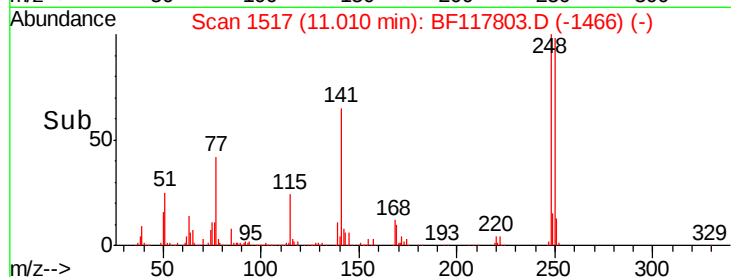
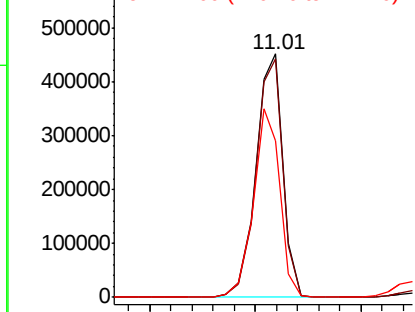
#67
4-Bromophenyl-phenylether
Concen: 36.956 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 401207
Ion Ratio Lower Upper
248 100
250 97.7 76.6 115.0
141 64.5 55.9 83.9

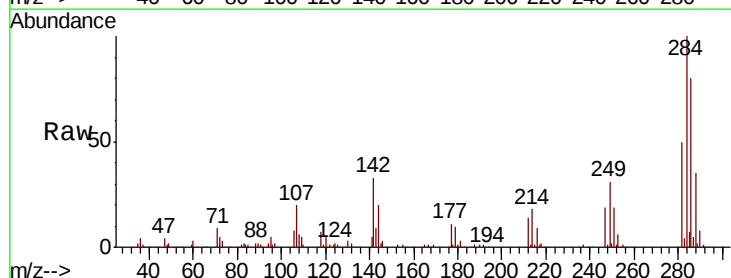


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

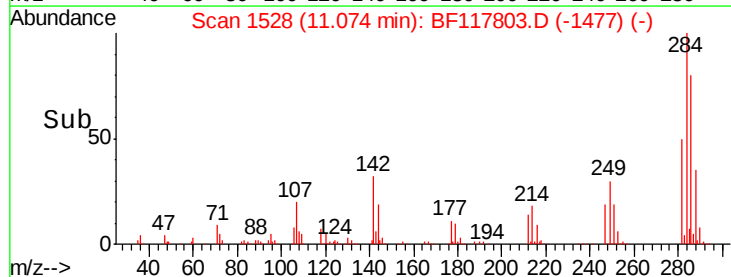
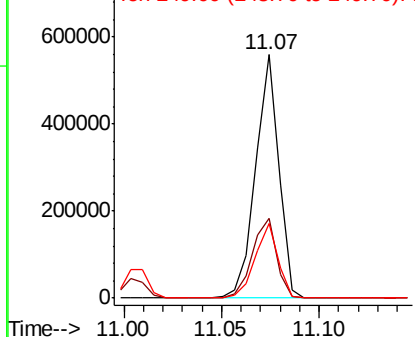


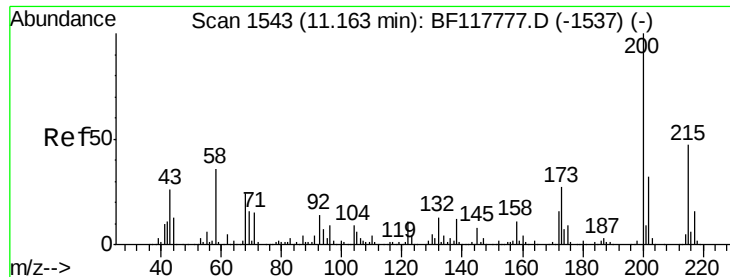
#68
Hexachlorobenzene
Concen: 36.493 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:284 Resp: 461971
Ion Ratio Lower Upper
284 100
142 32.7 29.4 44.2
249 30.7 24.6 37.0



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

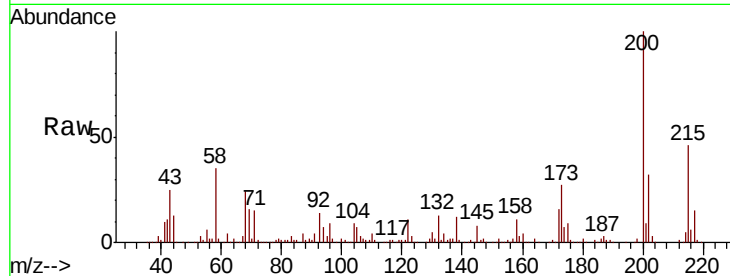




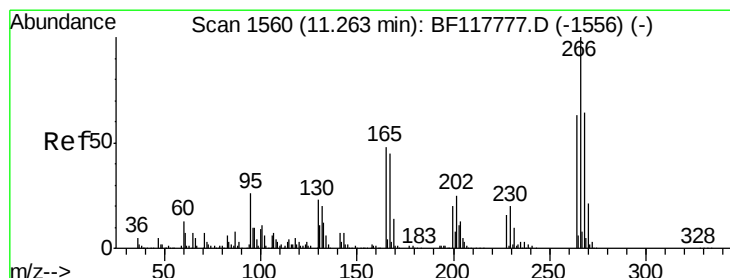
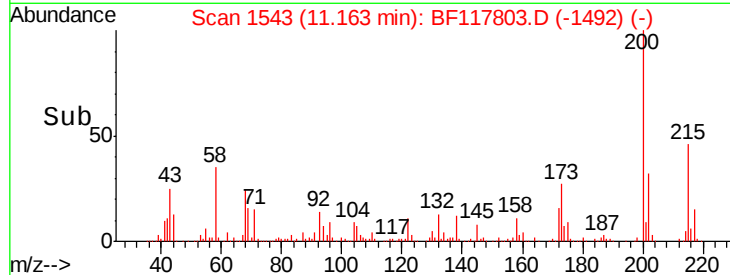
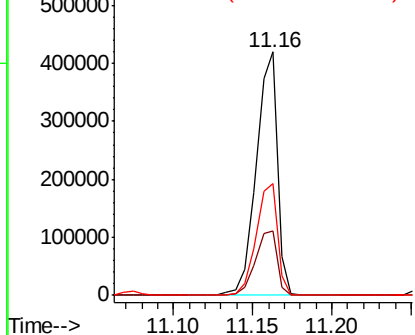
#69
Atrazine
Concen: 40.351 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 388681
Ion Ratio Lower Upper
200 100
173 26.6 6.7 46.7
215 46.1 27.5 67.5

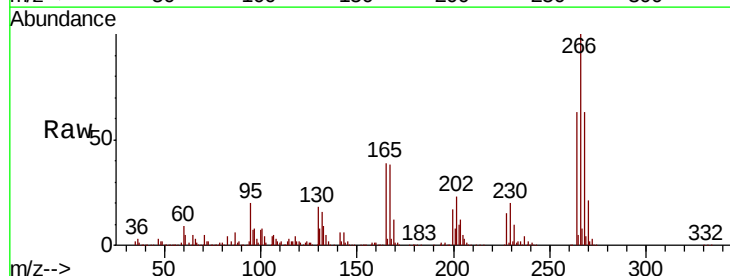


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

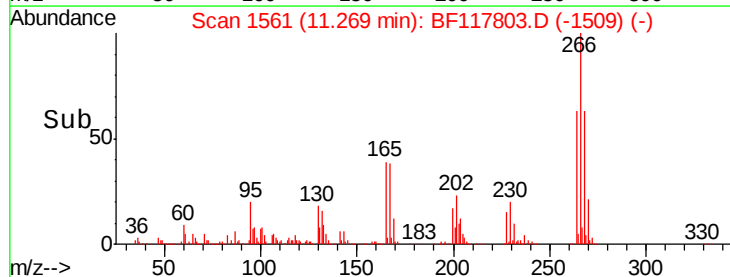
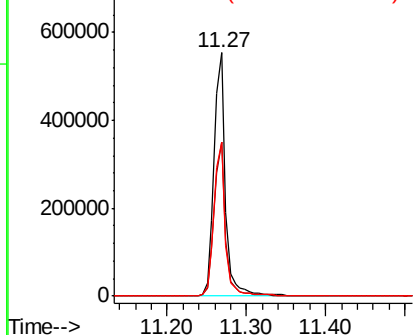


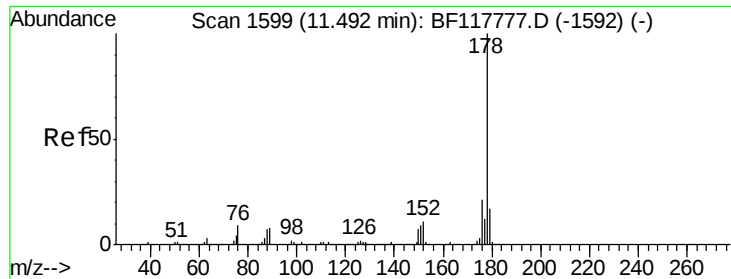
#70
Pentachlorophenol
Concen: 75.499 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:266 Resp: 558377
Ion Ratio Lower Upper
266 100
268 63.5 50.8 76.2
264 63.1 50.7 76.1



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

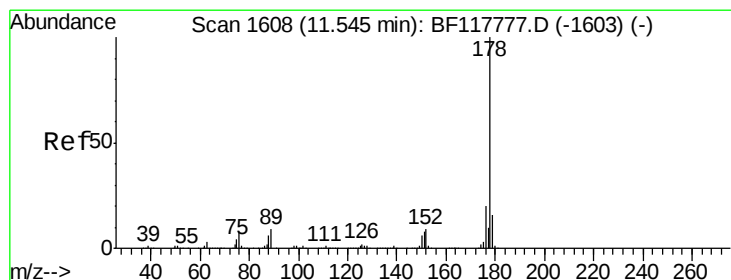
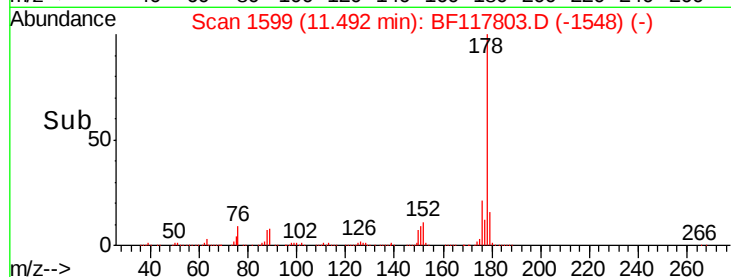
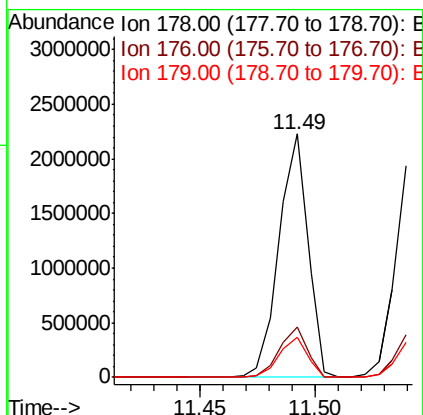
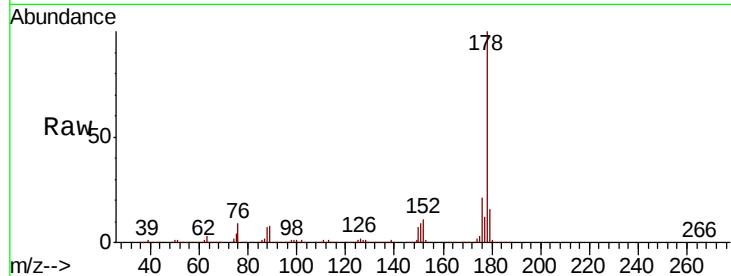




#71
Phenanthrene
Concen: 38.358 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

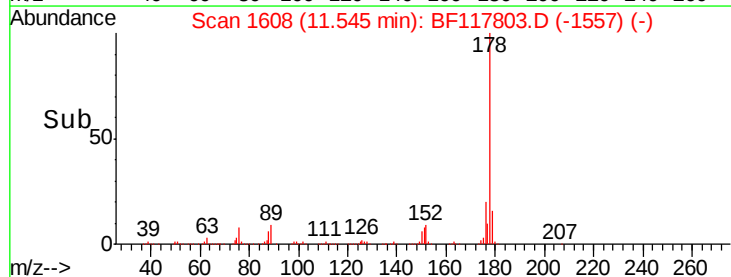
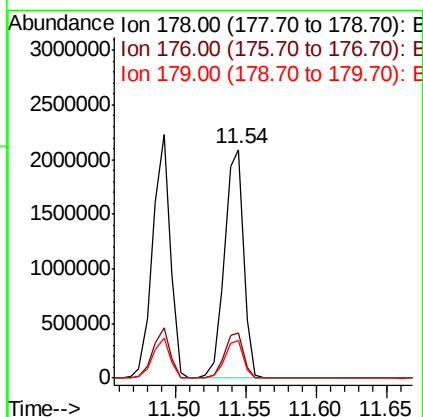
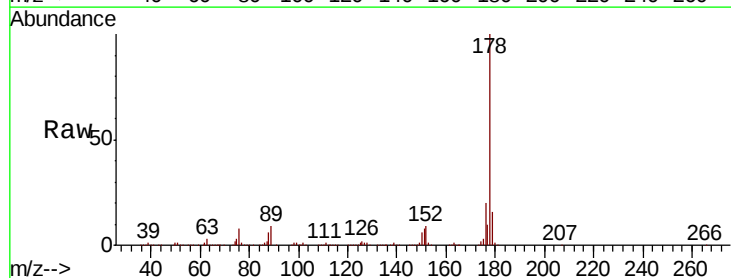
Instrument :
BNA_F
ClientSampled :

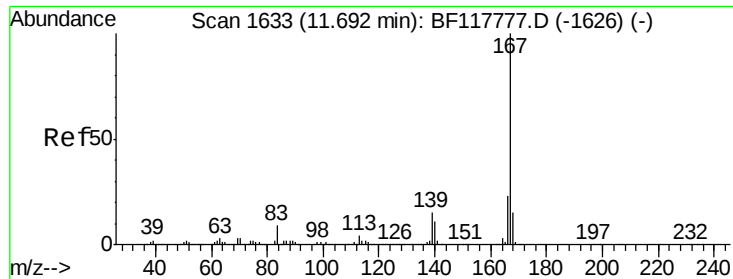
Tot Ion:178 Resp: 1940373
Ion Ratio Lower Upper
178 100
176 20.7 16.6 25.0
179 16.3 13.2 19.8



#72
Anthracene
Concen: 39.244 ng
RT: 11.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:178 Resp: 1968283
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.4 13.0 19.4





#73

Carbazole

Concen: 40.672 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

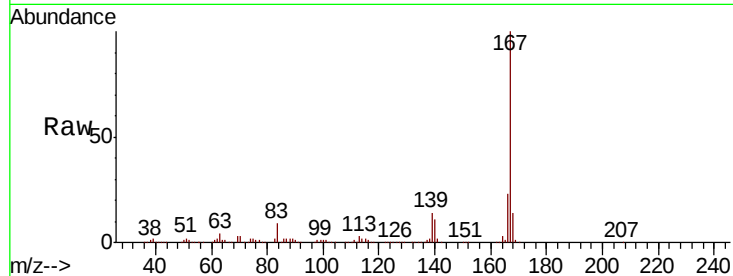
Tot Ion:167 Resp: 1782575

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

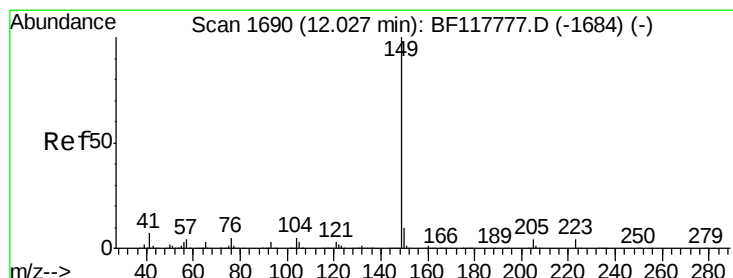
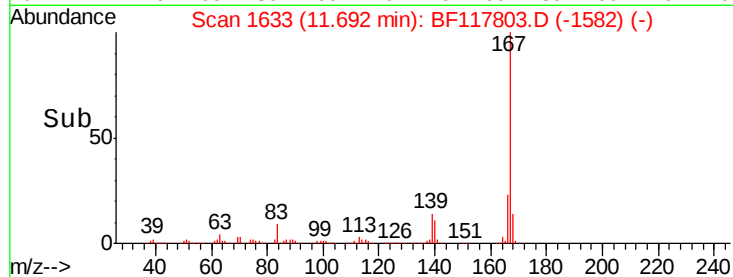
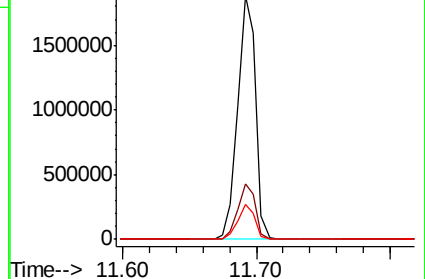
139 14.5 11.7 17.5



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: 36.878 ng

RT: 12.03 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

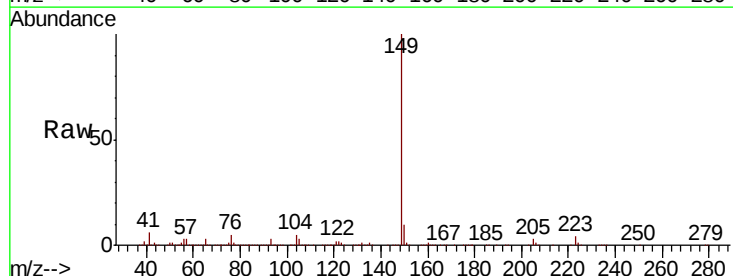
Tgt Ion:149 Resp: 2012438

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

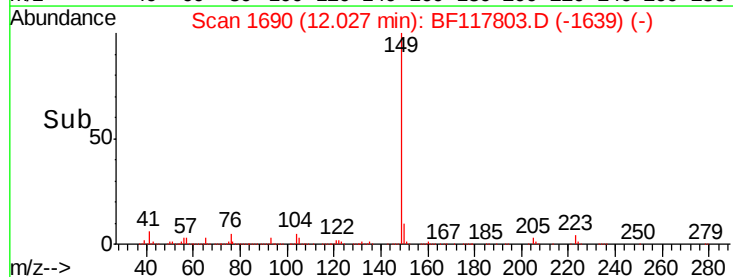
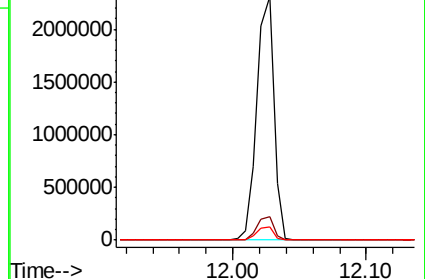
104 5.2 4.2 6.4

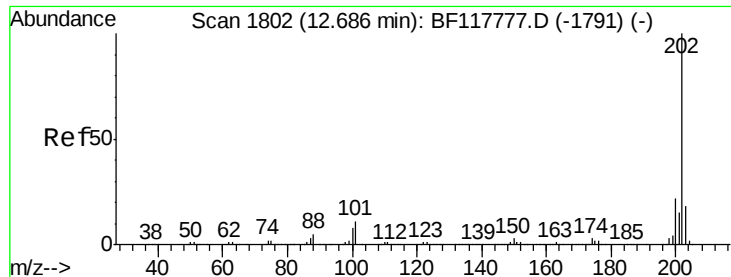


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

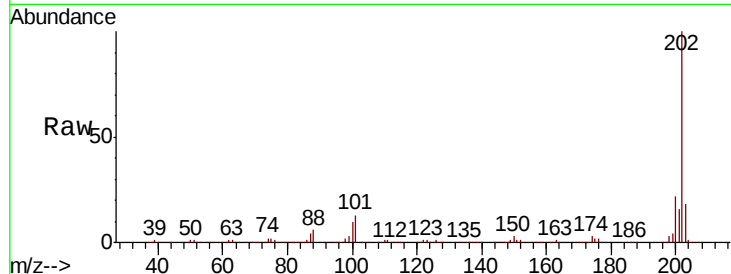




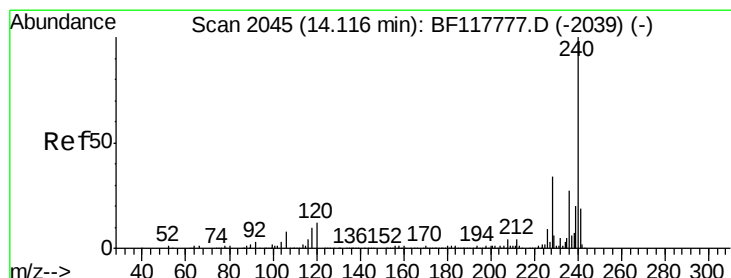
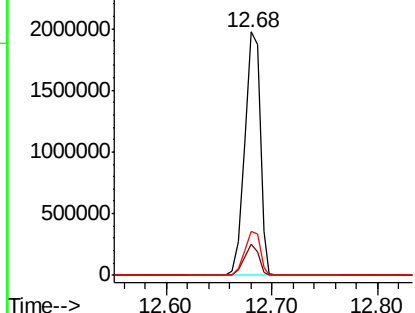
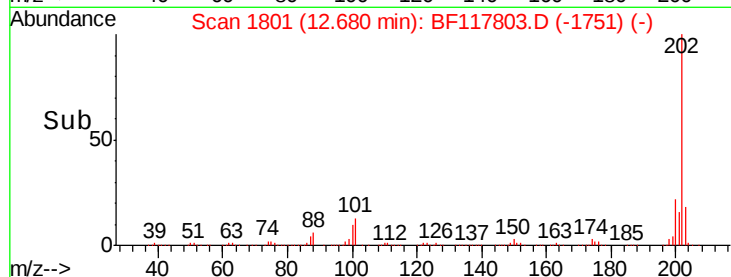
#75
 Fluoranthene
 Concen: 42.675 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1983762
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 31.1
 203 18.3 0.0 38.2

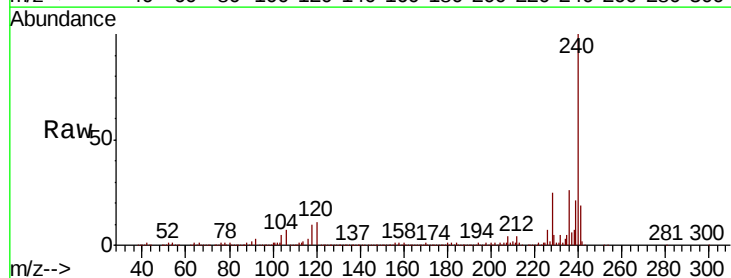


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

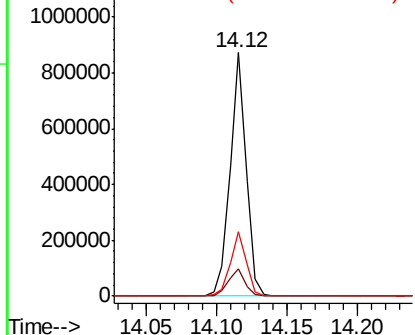
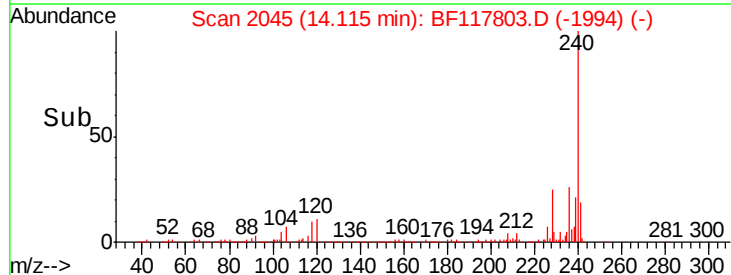


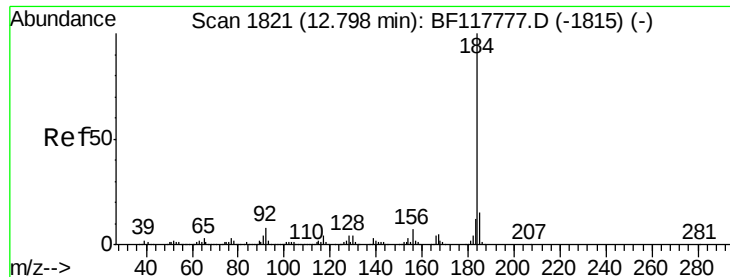
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion:240 Resp: 688836
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.5 14.3
 236 26.3 21.3 31.9



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

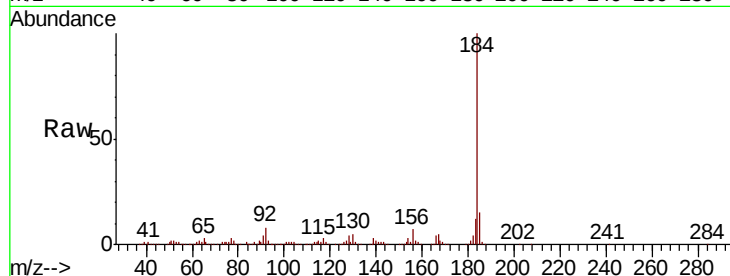




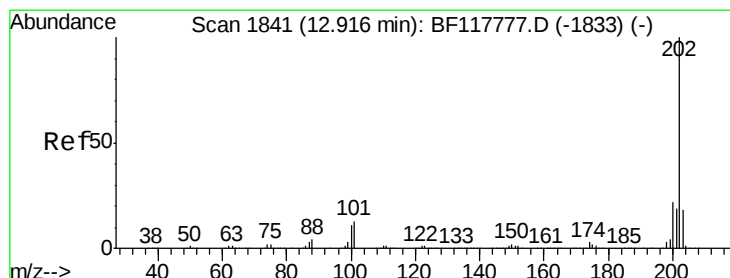
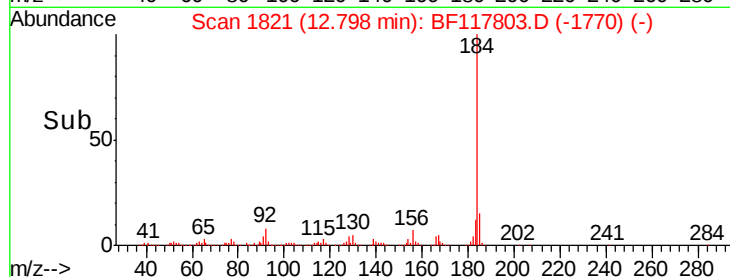
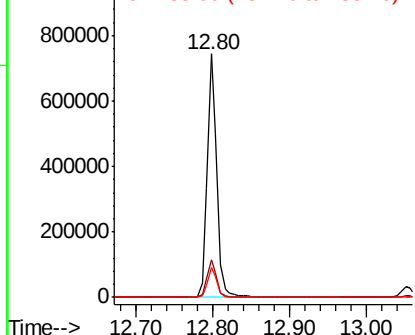
#77
Benzidine
Concen: 28.416 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 641159
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.4
183 12.1 9.5 14.3

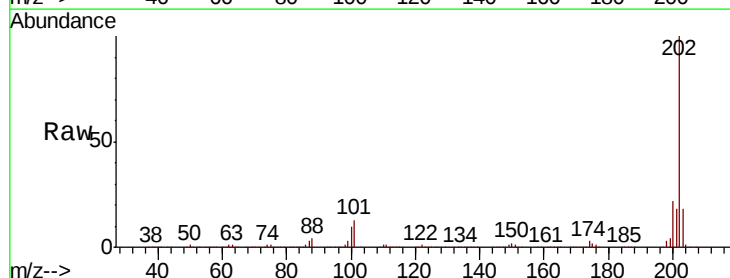


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

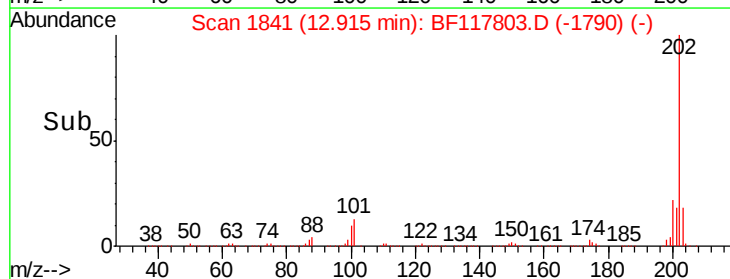
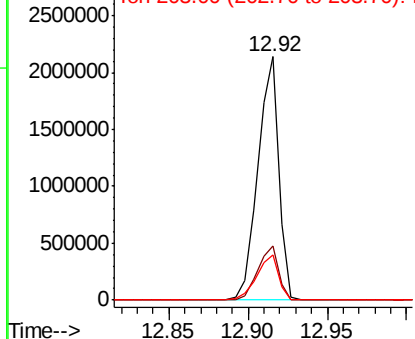


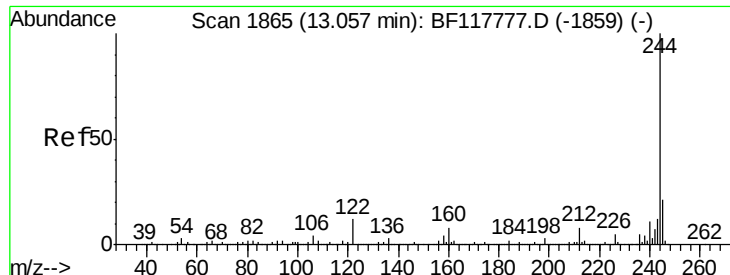
#78
Pyrene
Concen: 35.463 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:202 Resp: 1974155
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.8
203 18.3 14.6 22.0



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





#79

Terphenyl-d14

Concen: 58.248 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampled :

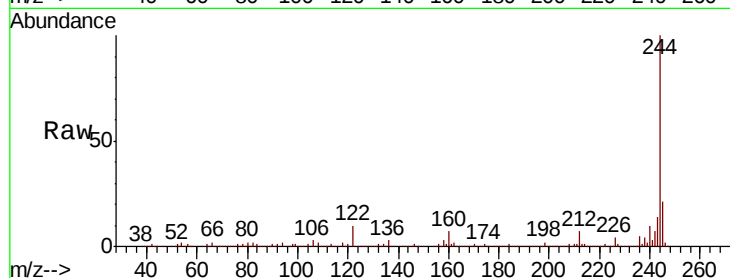
Tot Ion:244 Resp: 2195392

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

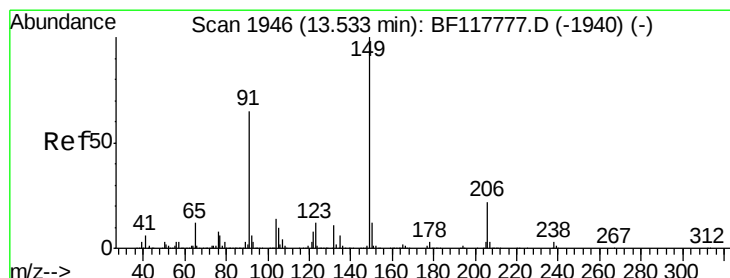
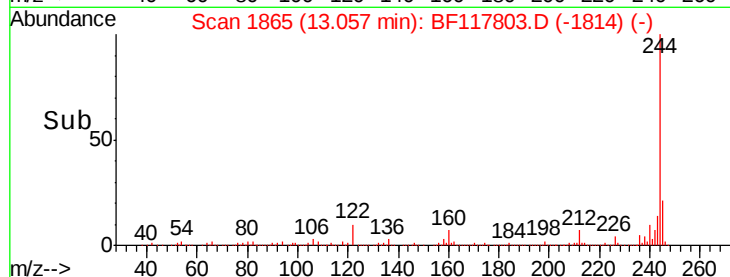
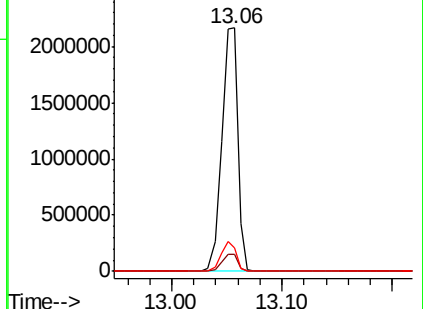
122 9.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.108 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

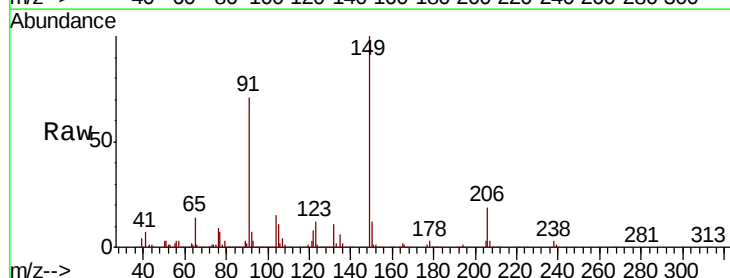
Tgt Ion:149 Resp: 839423

Ion Ratio Lower Upper

149 100

91 70.8 51.9 77.9

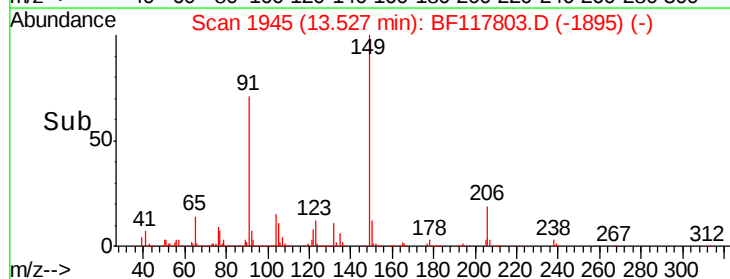
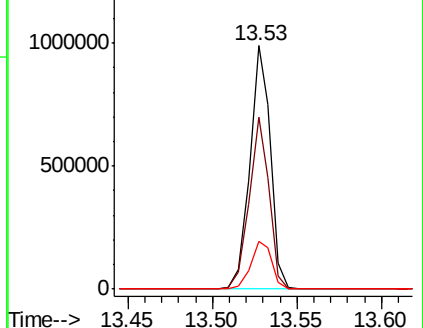
206 19.4 17.2 25.8

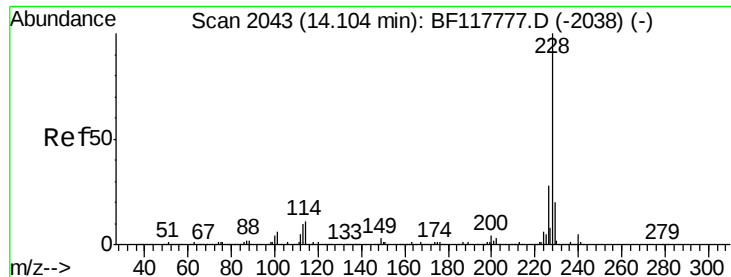


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.736 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

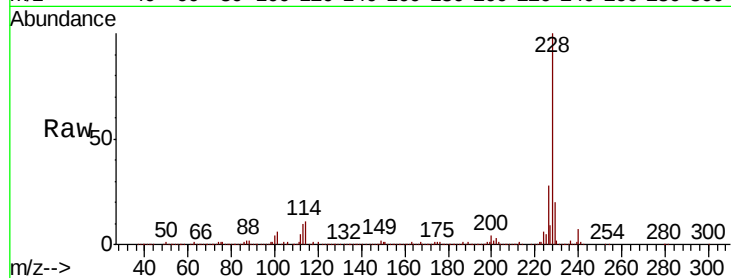
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1672195

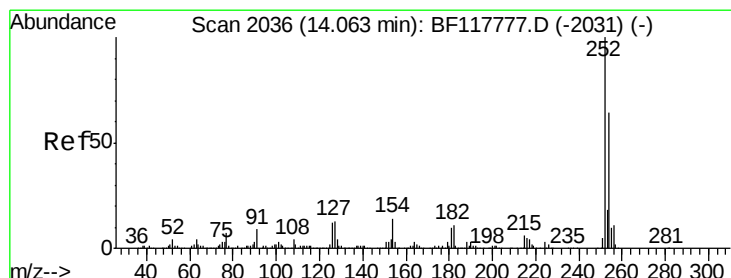
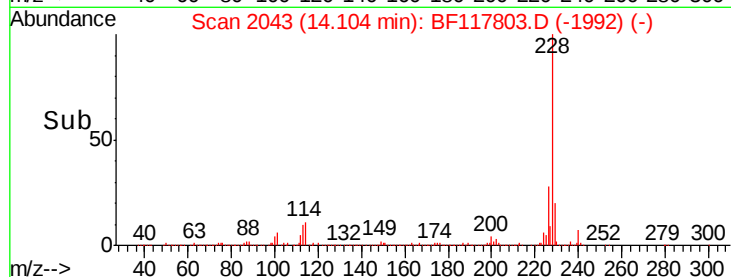
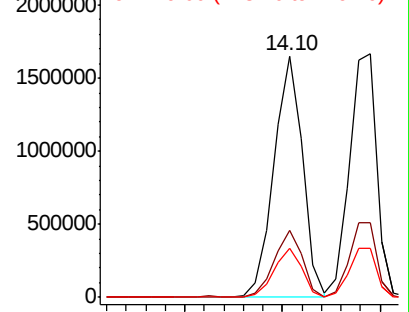
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.3	15.9	23.9



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: 33.587 ng

RT: 14.06 min Scan# 2036

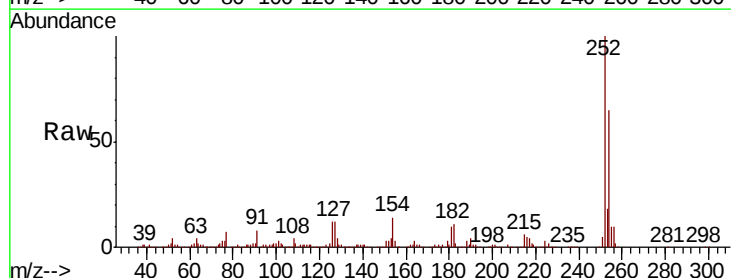
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:252 Resp: 534792

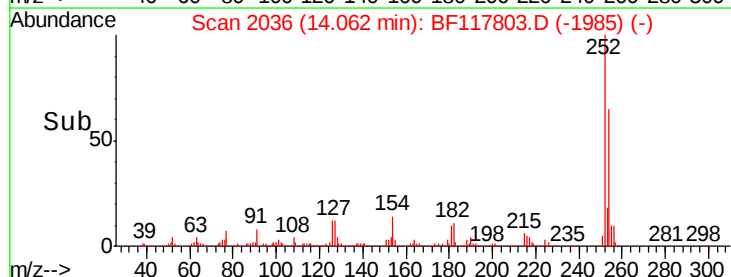
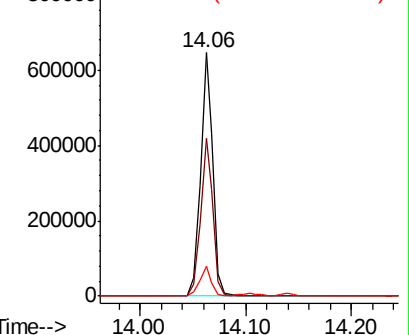
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.6
126	12.1	9.7	14.5

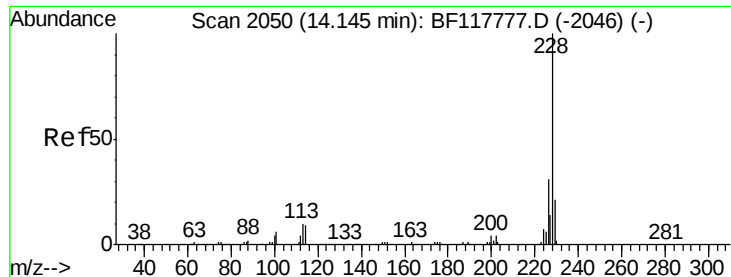


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



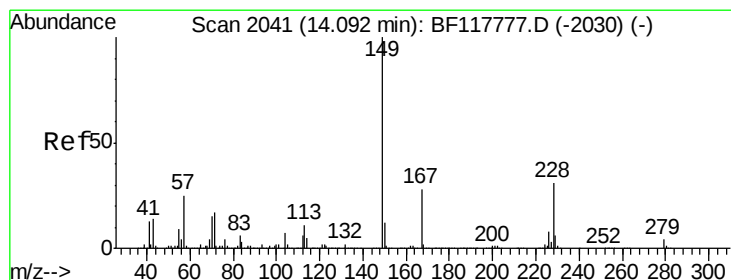
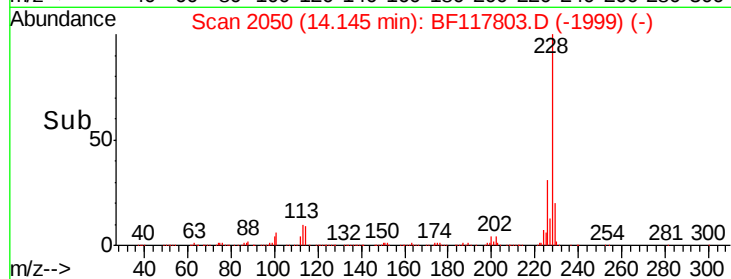
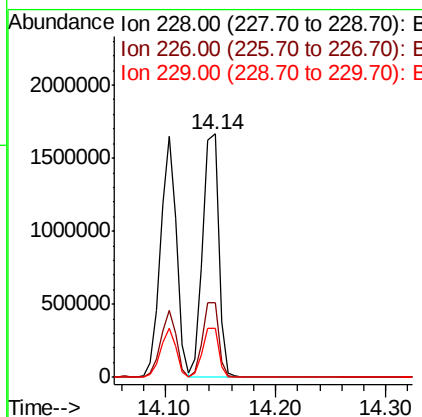
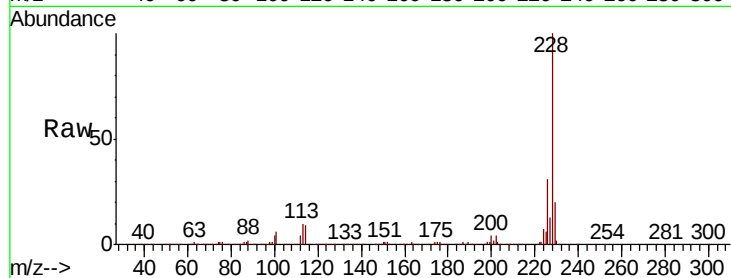


#83
 Chrysene
 Concen: 36.836 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1624763

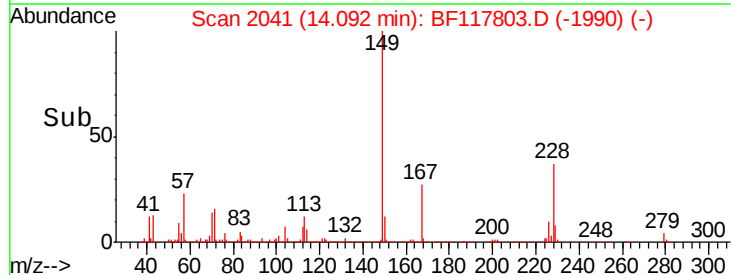
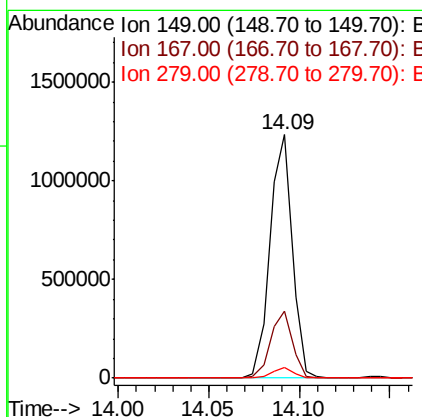
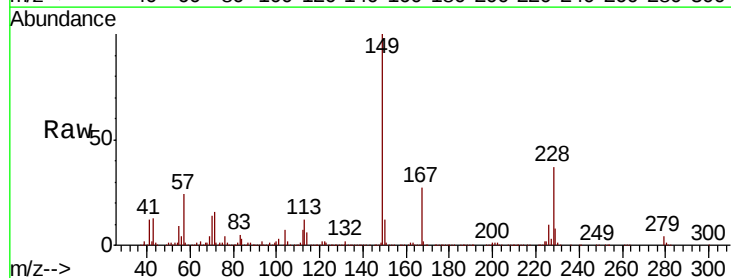
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.3	16.6	25.0

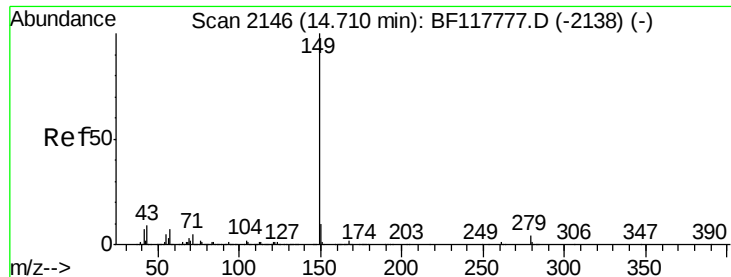


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.414 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion:149 Resp: 1055532

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.2
279	4.4	3.4	5.2

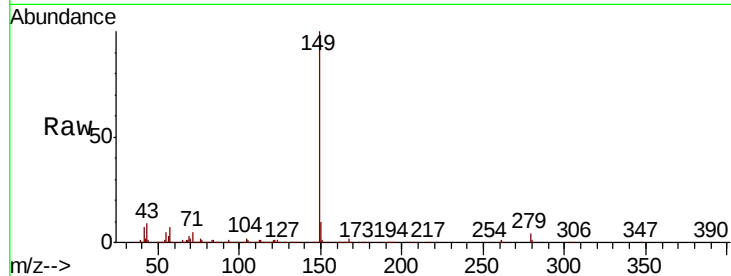




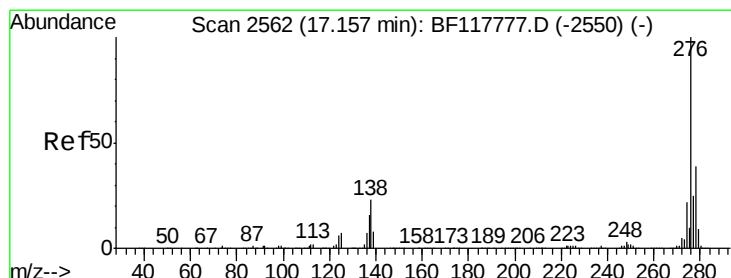
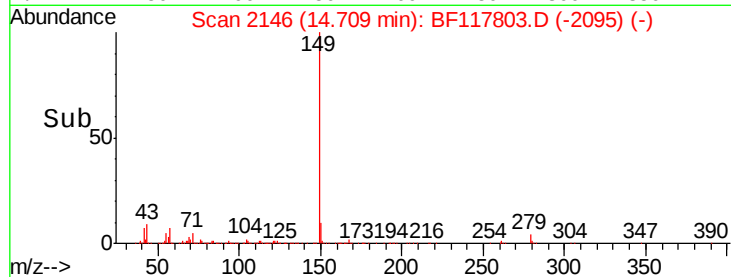
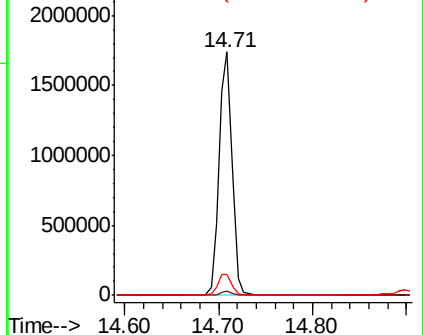
#85
Di-n-octyl phthalate
Concen: 39.411 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1678307
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 7.4 11.2

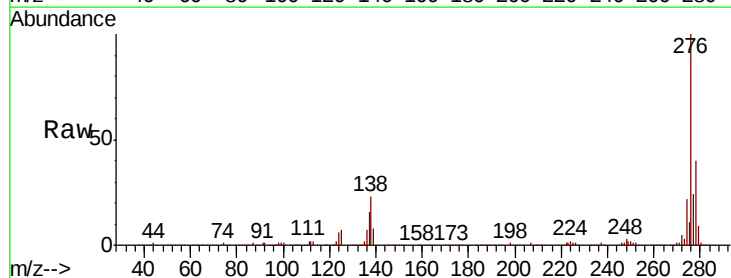


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

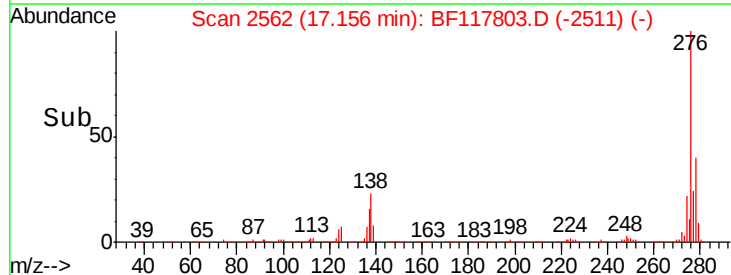
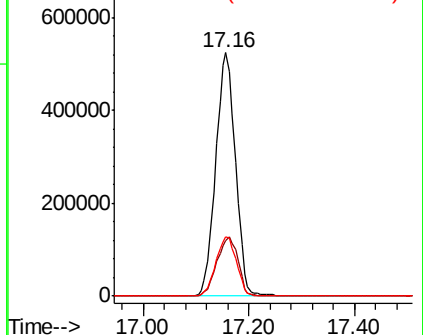


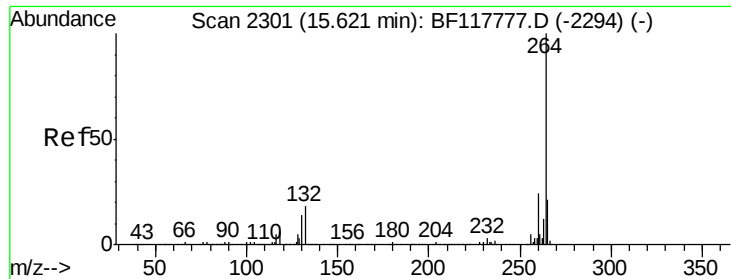
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.336 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:276 Resp: 1364050
Ion Ratio Lower Upper
276 100
138 26.0 20.9 31.3
277 25.4 20.3 30.5



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



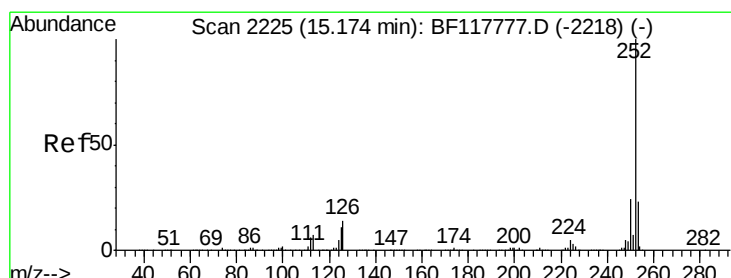
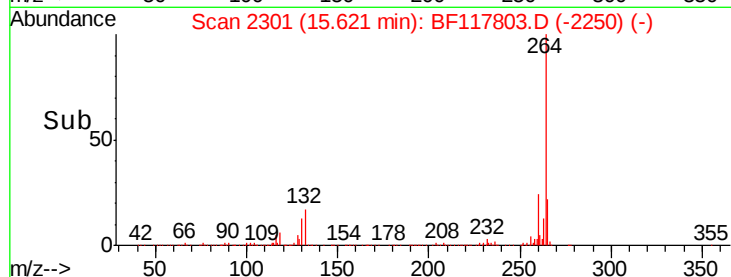
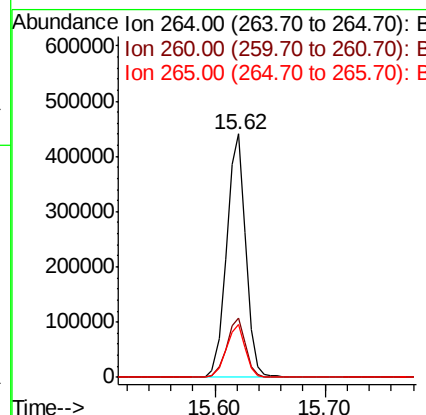
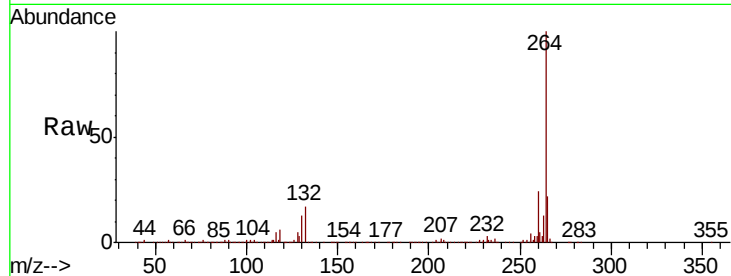


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 534082

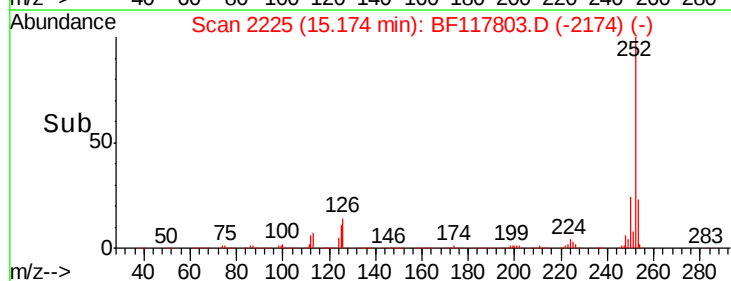
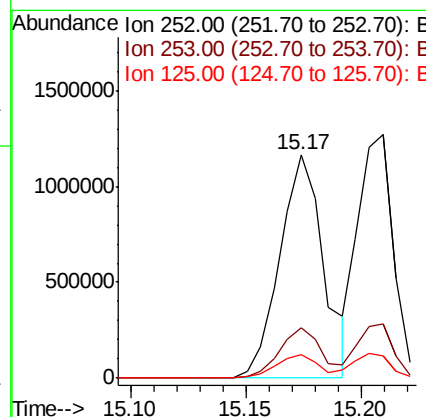
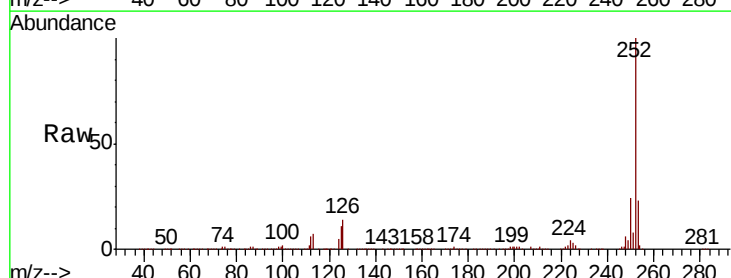
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.9	17.1	25.7

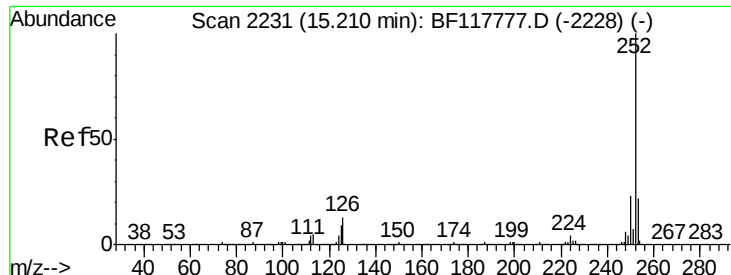


#88
Benzo(b)fluoranthene
Concen: 44.110 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:252 Resp: 1530577

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.7	8.6	13.0

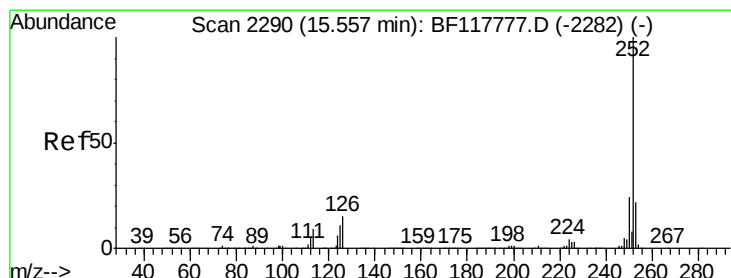
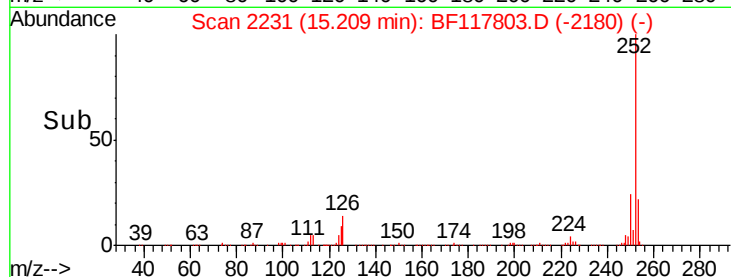
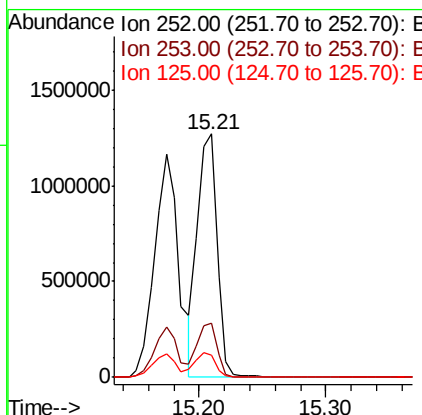
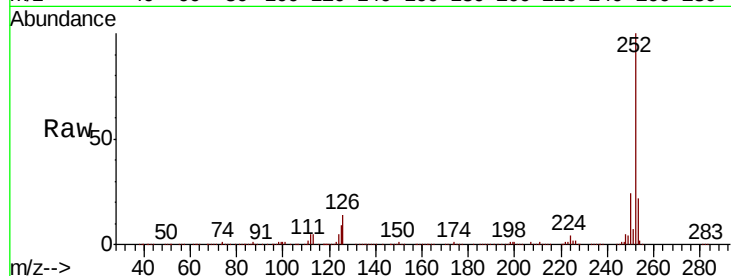




#89
Benzo(k)fluoranthene
Concen: 41.642 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

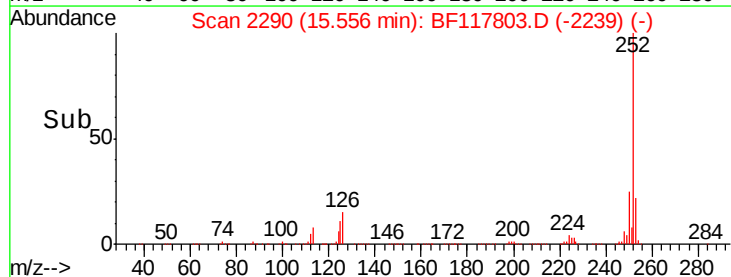
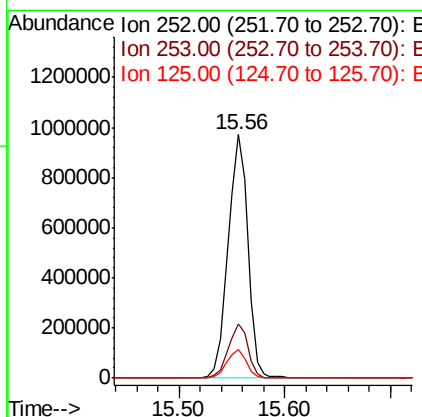
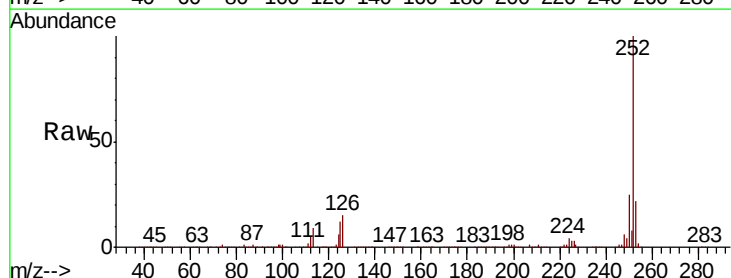
Instrument :
BNA_F
ClientSampleId :

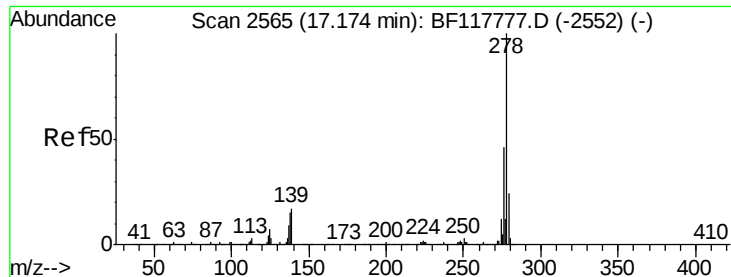
Tot Ion:252 Resp: 1361484
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.3 7.9 11.9



#90
Benzo(a)pyrene
Concen: 41.082 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:252 Resp: 1253516
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 43.298 ng

RT: 17.17 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

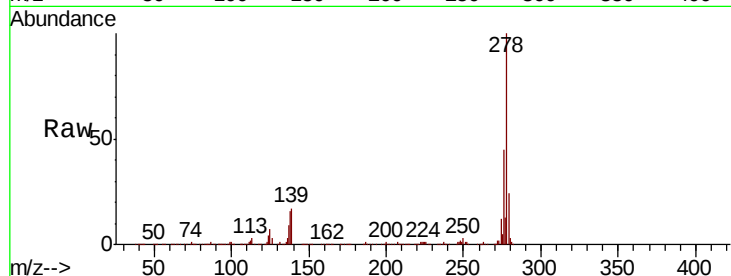
Tot Ion:278 Resp: 1137125

Ion Ratio Lower Upper

278 100

139 16.9 13.8 20.8

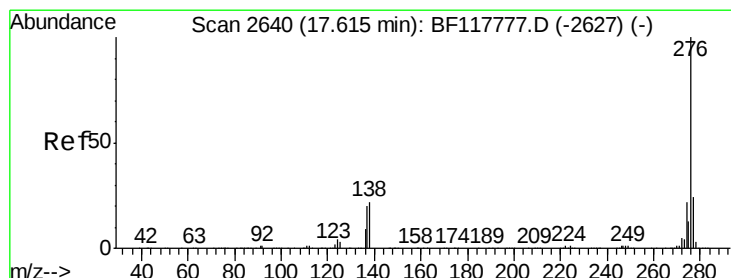
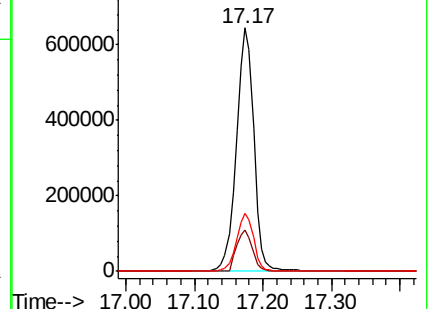
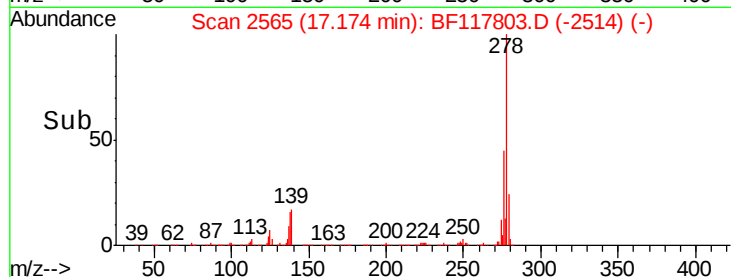
279 23.7 19.6 29.4



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: 44.165 ng

RT: 17.62 min Scan# 2641

Delta R.T. 0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

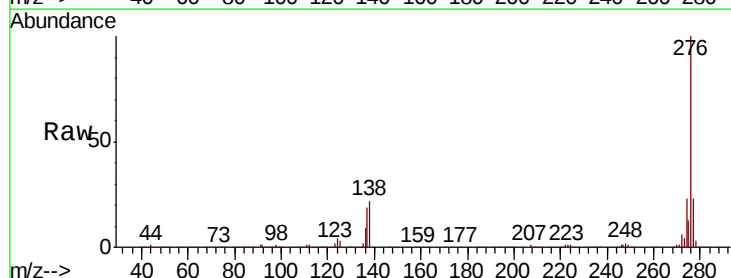
Tgt Ion:276 Resp: 1155285

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 22.4 17.4 26.2



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

