

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117834.D
 Acq On : 18 Nov 2019 14:43
 Operator : JU
 Sample : PB124875BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 15:49:19 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	311415	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1338221	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	708482	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1307811	20.00	ng	0.00
76) Chrysene-d12	14.12	240	903581	20.00	ng	0.00
87) Perylene-d12	15.62	264	672435	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2020137	114.83	ng	0.01
7) Phenol-d6	6.55	99	2509010	118.24	ng	0.00
23) Nitrobenzene-d5	7.49	82	1375418	61.10	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	802649	107.01	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2563266	64.91	ng	0.00
79) Terphenyl-d14	13.06	244	2771875	56.06	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.82	88	256477	31.188	ng	99
3) Pyridine	3.58	79	599018	27.768	ng	100
4) n-Nitrosodimethylamine	3.53	42	364026	38.658	ng	98
6) Aniline	6.59	93	959127	34.204	ng	99
8) 2-Chlorophenol	6.71	128	855133	44.795	ng	99
9) Benzaldehyde	6.47	77	438229	29.492	ng	99
10) Phenol	6.56	94	1042806	47.291	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	744948	42.069	ng	99
12) 1,3-Dichlorobenzene	6.86	146	865686	38.518	ng	97
13) 1,4-Dichlorobenzene	6.94	146	899093	39.578	ng	99
14) 1,2-Dichlorobenzene	7.09	146	854872	39.347	ng	99
15) Benzyl Alcohol	7.06	79	748974	45.717	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1072543	39.341	ng	99
17) 2-Methylphenol	7.17	107	726372	44.931	ng	98
18) Hexachloroethane	7.44	117	320224	38.372	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	561163	42.866	ng	96
20) 3+4-Methylphenols	7.32	107	878138	43.759	ng	91
22) Acetophenone	7.33	105	1135066	37.753	ng	# 98
24) Nitrobenzene	7.50	77	903705	38.913	ng	98
25) Isophorone	7.75	82	1603947	38.874	ng	97
26) 2-Nitrophenol	7.82	139	485138	42.919	ng	96
27) 2,4-Dimethylphenol	7.86	122	803958	45.772	ng	100
28) bis(2-Chloroethoxy)methane	7.96	93	947877	36.202	ng	99
29) 2,4-Dichlorophenol	8.06	162	749725	39.351	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	800748	36.234	ng	98
31) Naphthalene	8.23	128	2405771	38.562	ng	99
32) Benzoic acid	7.98	122	611622	41.587	ng	100
33) 4-Chloroaniline	8.27	127	644073	23.061	ng	99
34) Hexachlorobutadiene	8.35	225	449106	34.758	ng	99
35) Caprolactam	8.65	113	135438	22.367	ng	97
36) 4-Chloro-3-methylphenol	8.76	107	782314	40.460	ng	97
37) 2-Methylnaphthalene	8.93	142	1657946	39.332	ng	100
38) 1-Methylnaphthalene	9.03	142	1566082	39.298	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	730283	35.494	ng	99

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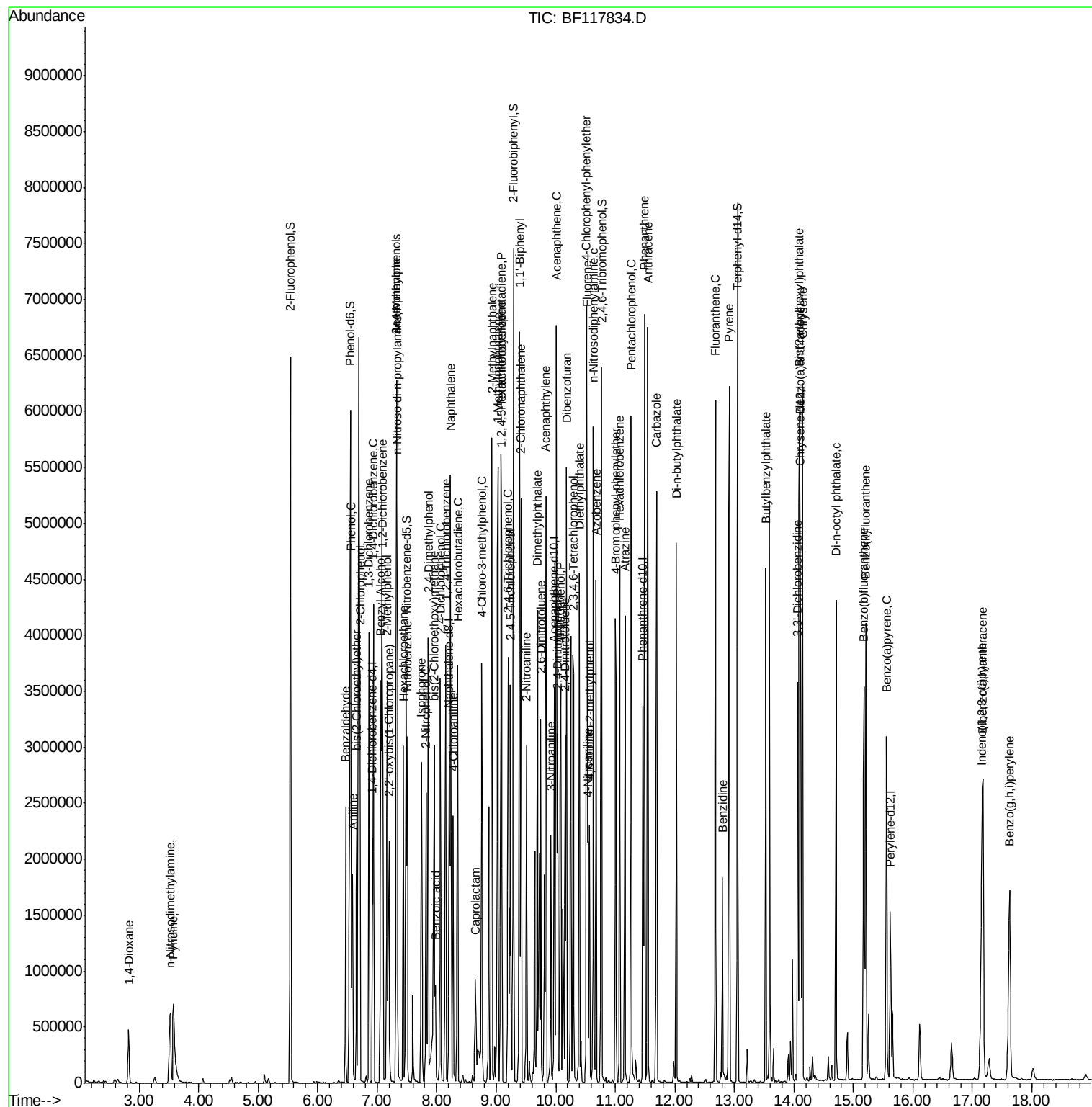
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	756346	65.597	nq	99
43) 2,4,6-Trichlorophenol	9.20	196	562664	38.180	nq	98
44) 2,4,5-Trichlorophenol	9.24	196	603849	39.464	nq	98
46) 1,1'-Biphenyl	9.39	154	1984977	37.764	nq	99
47) 2-Chloronaphthalene	9.42	162	1573854	36.397	nq	98
48) 2-Nitroaniline	9.51	65	493961	37.838	nq	98
49) Acenaphthylene	9.83	152	2423817	38.447	nq	99
50) Dimethylphthalate	9.69	163	1828496	36.804	nq	100
51) 2,6-Dinitrotoluene	9.75	165	435670	40.124	nq	98
52) Acenaphthene	10.01	154	1663180	41.183	nq	99
53) 3-Nitroaniline	9.92	138	348127	26.794	nq	96
54) 2,4-Dinitrophenol	10.03	184	422507	76.116	nq	# 90
55) Dibenzofuran	10.18	168	2152908	38.497	nq	100
56) 4-Nitrophenol	10.09	139	792983	81.767	nq	90
57) 2,4-Dinitrotoluene	10.16	165	580365	42.018	nq	97
58) Fluorene	10.53	166	1620953	37.404	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	485477	38.615	nq	99
60) Diethylphthalate	10.40	149	1762492	36.388	nq	98
61) 4-Chlorophenyl-phenylether	10.52	204	813199	36.976	nq	98
62) 4-Nitroaniline	10.55	138	455631	35.025	nq	96
63) Azobenzene	10.67	77	1649205	37.426	nq	99
65) 4,6-Dinitro-2-methylphenol	10.57	198	285834	46.817	nq	90
66) n-Nitrosodiphenylamine	10.63	169	1491438	39.185	nq	100
67) 4-Bromophenyl-phenylether	11.01	248	520237	36.867	nq	97
68) Hexachlorobenzene	11.07	284	614445	37.343	nq	97
69) Atrazine	11.16	200	508075	40.580	nq	98
70) Pentachlorophenol	11.27	266	731295	76.073	nq	99
71) Phenanthrene	11.49	178	2448581	37.239	nq	98
72) Anthracene	11.55	178	2478620	38.020	nq	99
73) Carbazole	11.70	167	2271902	39.880	nq	99
74) Di-n-butylphthalate	12.03	149	2530339	35.674	nq	100
75) Fluoranthene	12.69	202	2534190	41.786	nq	99
77) Benzidine	12.80	184	675859	22.835	nq	99
78) Pyrene	12.92	202	2548803	34.904	nq	97
80) Butylbenzylphthalate	13.53	149	1098908	35.038	nq	93
81) Benzo(a)anthracene	14.10	228	2172642	36.387	nq	98
82) 3,3'-Dichlorobenzidine	14.06	252	731872	35.041	nq	99
83) Chrysene	14.14	228	2089357	36.111	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1421226	37.377	nq	98
85) Di-n-octyl phthalate	14.71	149	2218715	39.719	nq	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1846217	37.491	nq	99
88) Benzo(b)fluoranthene	15.17	252	1978580	45.289	nq	100
89) Benzo(k)fluoranthene	15.21	252	1792228	43.538	nq	98
90) Benzo(a)pyrene	15.56	252	1637918	42.635	nq	99
91) Dibenzo(a,h)anthracene	17.18	278	1535993	46.452	nq	99
92) Benzo(g,h,i)perylene	17.63	276	1561439	47.410	nq	99

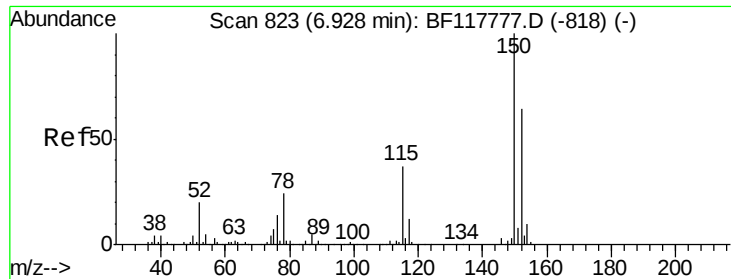
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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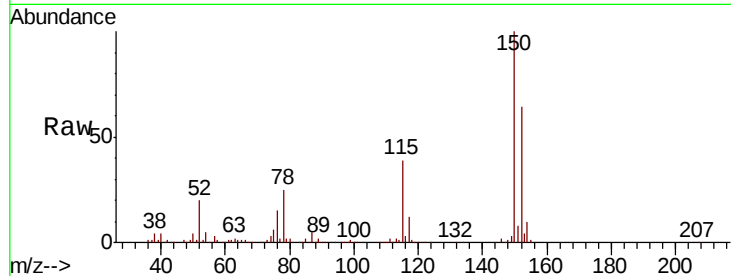


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	60.8	47.0	70.4

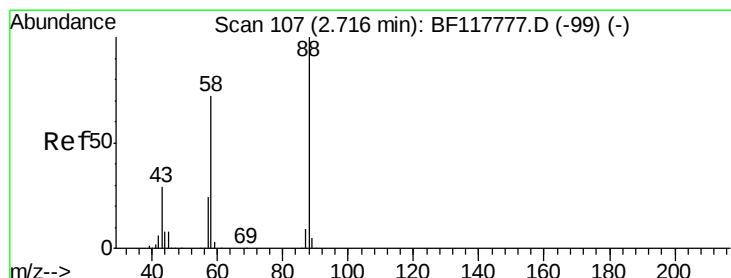
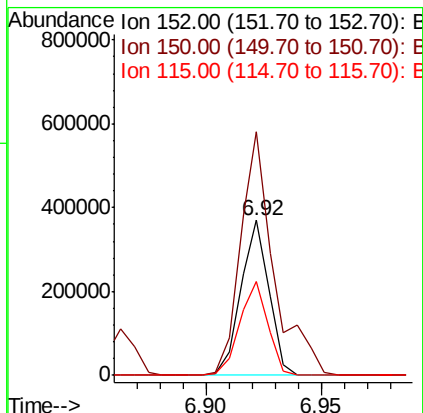
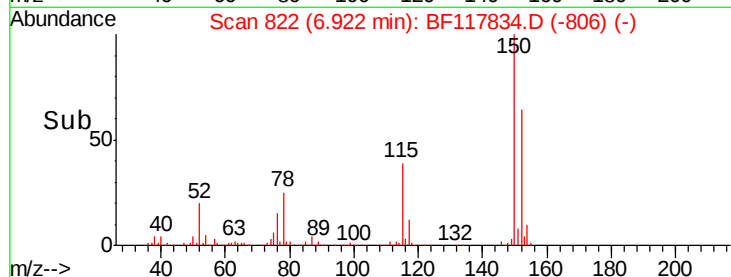


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

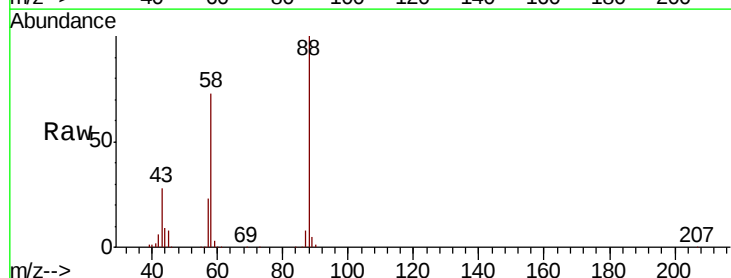
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.188 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.11 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	58.2	87.2
43	27.9	23.3	34.9

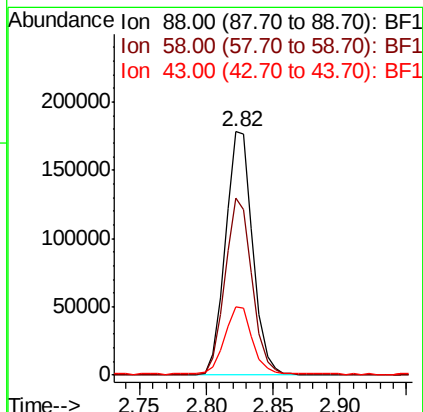
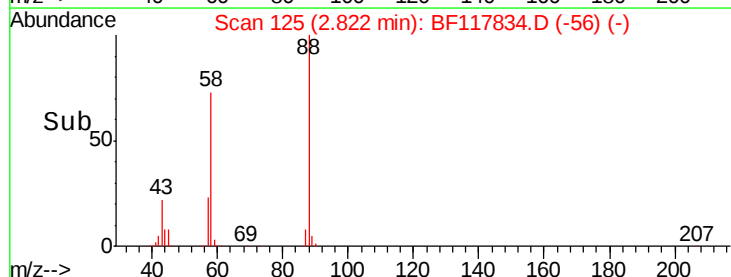


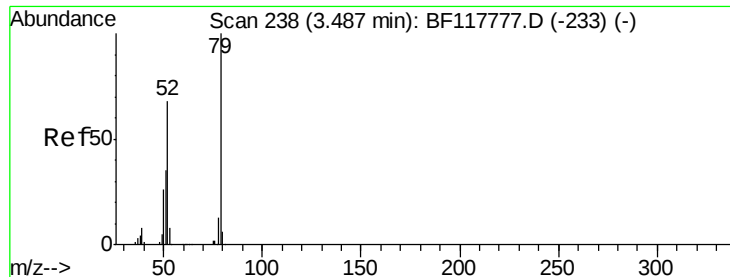
Abundance

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: 27.768 ng

RT: 3.58 min Scan# 253

Delta R.T. 0.09 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

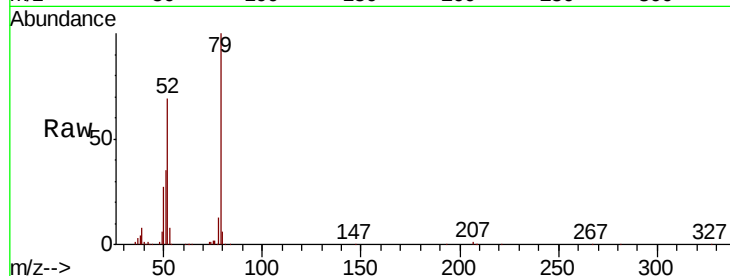
Tot Ion: 79 Resp: 599018

Ion Ratio Lower Upper

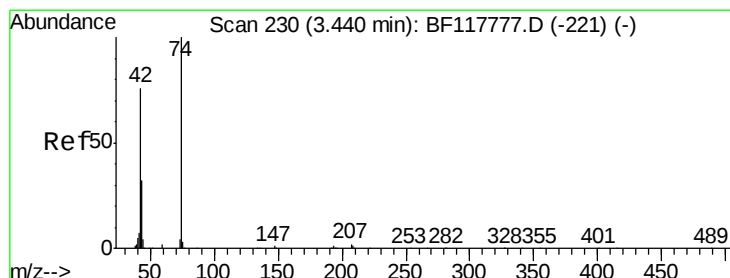
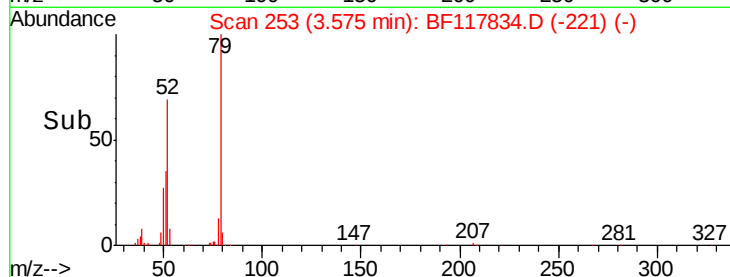
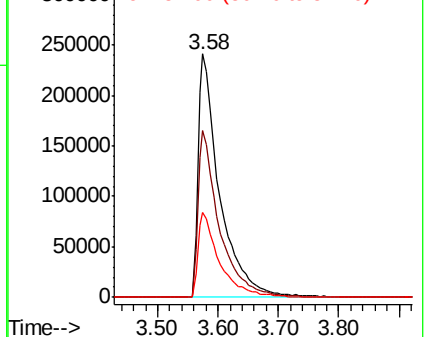
79 100

52 68.5 54.8 82.2

51 34.7 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: 38.658 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.09 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

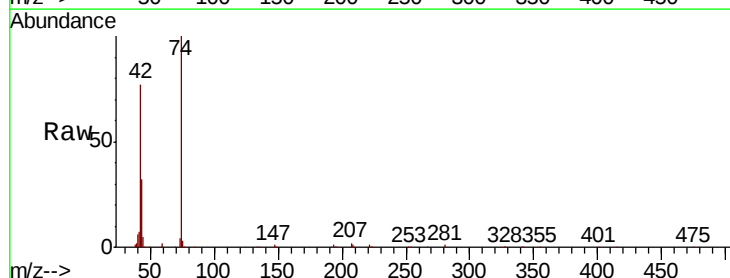
Tgt Ion: 42 Resp: 364026

Ion Ratio Lower Upper

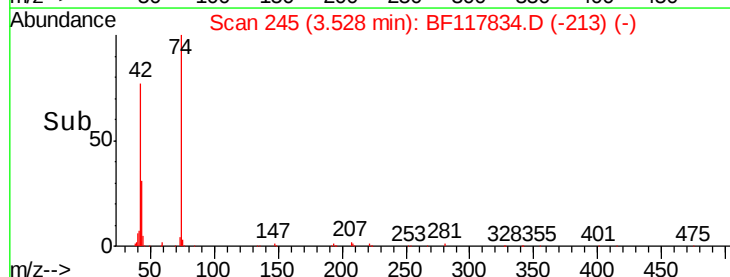
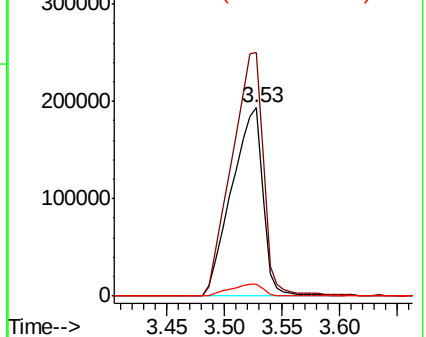
42 100

74 129.5 105.1 157.7

44 6.3 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: 114.826 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampled :

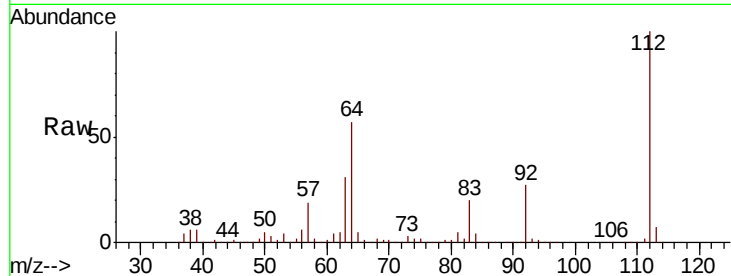
Tot Ion:112 Resp: 2020137

Ion Ratio Lower Upper

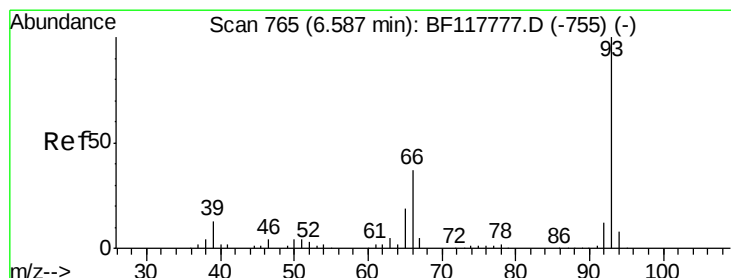
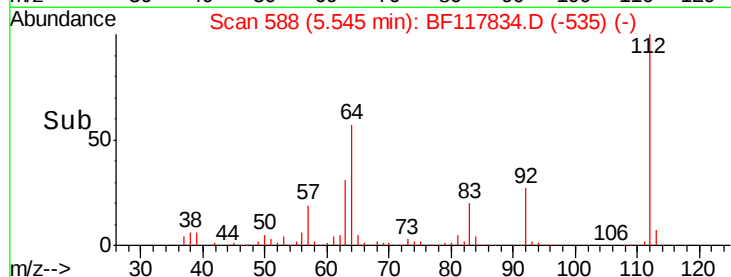
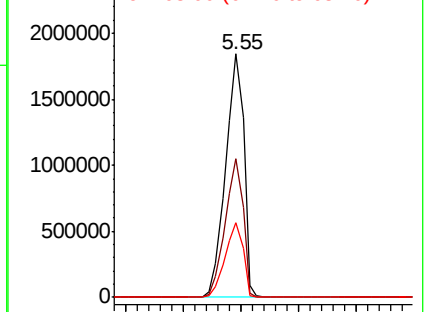
112 100

64 57.1 45.6 68.4

63 30.8 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.204 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

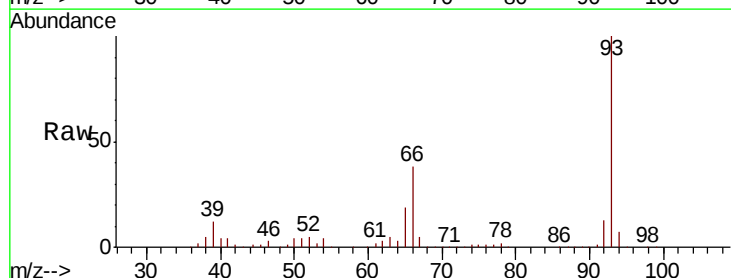
Tgt Ion: 93 Resp: 959127

Ion Ratio Lower Upper

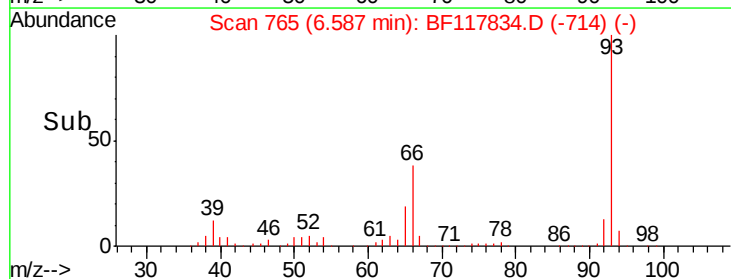
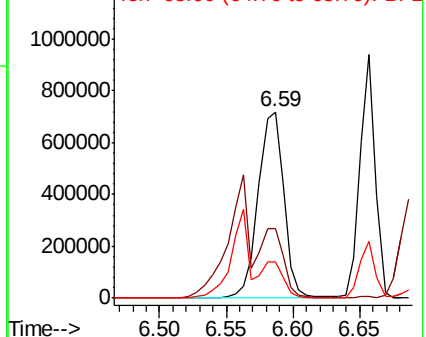
93 100

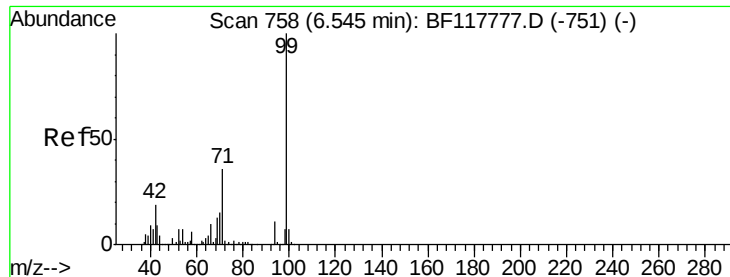
66 37.5 30.6 45.8

65 19.3 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: 118.238 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

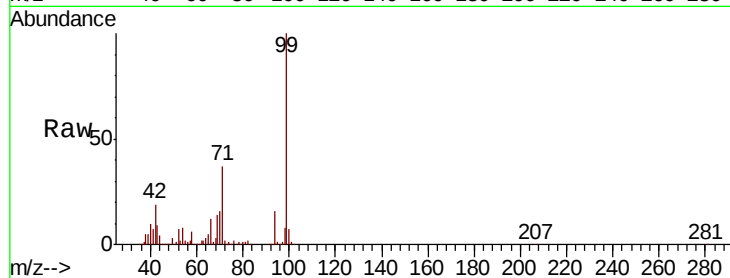
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2509010

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	37.2	28.6	43.0

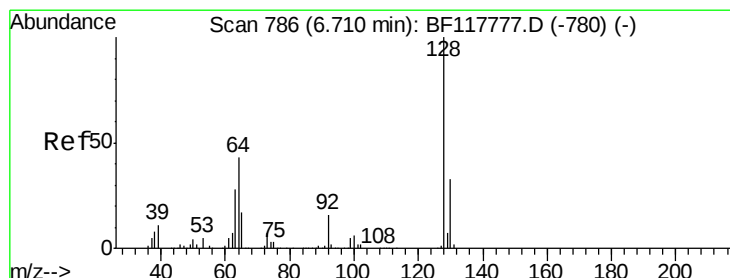
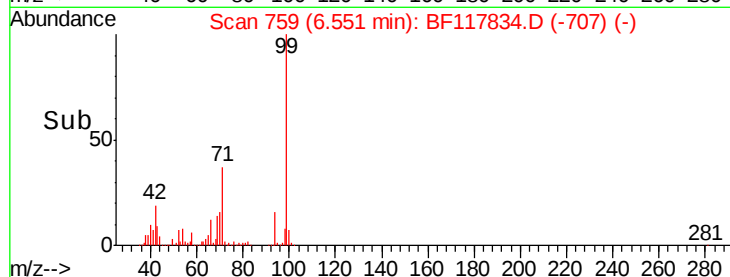
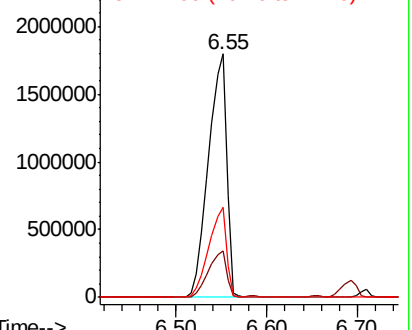


Abundance

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: 44.795 ng

RT: 6.71 min Scan# 786

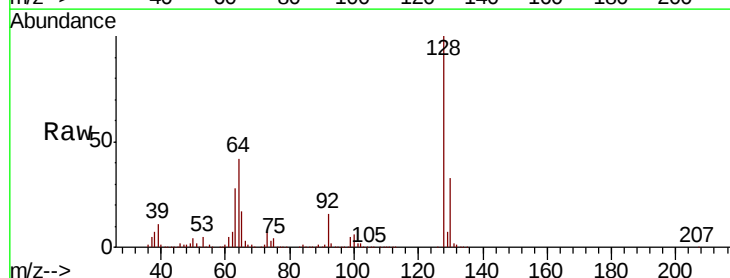
Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Tgt Ion: 128 Resp: 855133

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.2	53.2
64	42.4	23.7	63.7

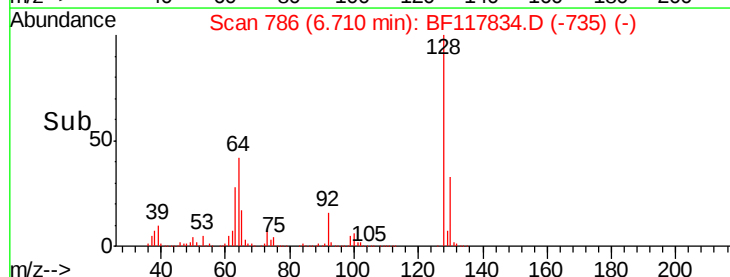
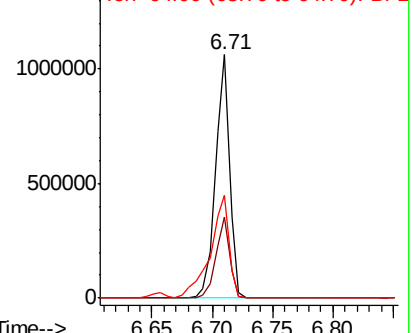


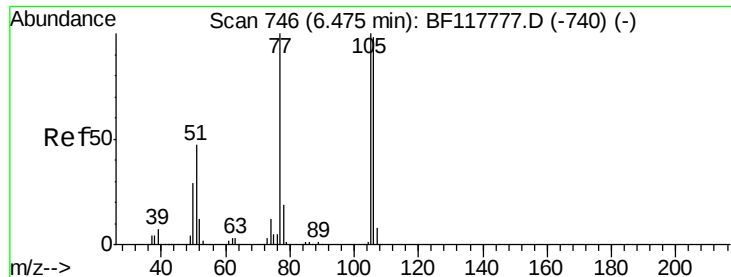
Abundance

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: 29.492 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117834.D

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BNA_F

ClientSampleId :

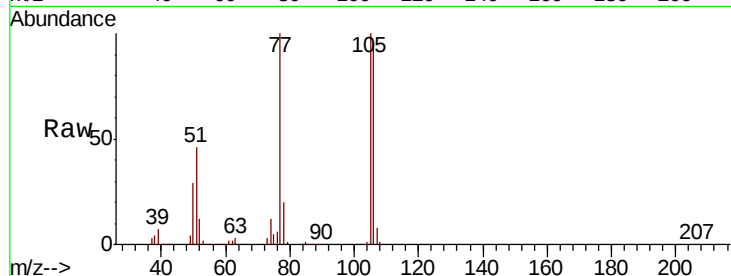
Tot Ion: 77 Resp: 438229

Ion Ratio Lower Upper

77 100

105 100.0 80.2 120.2

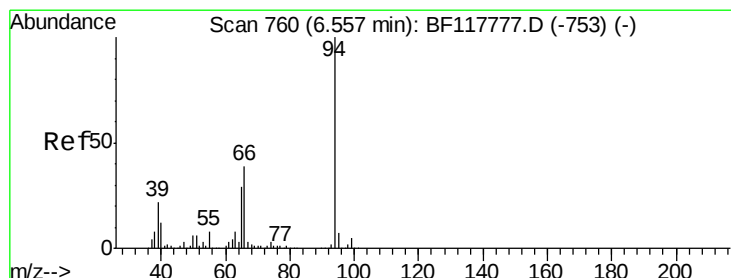
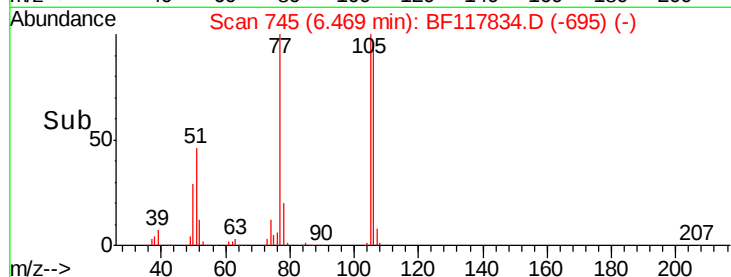
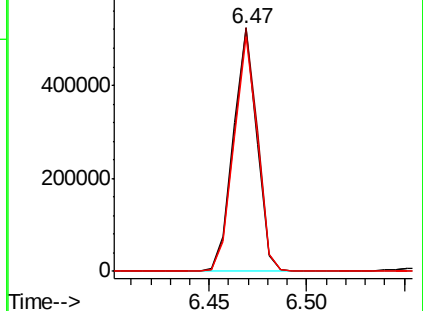
106 96.3 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.291 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

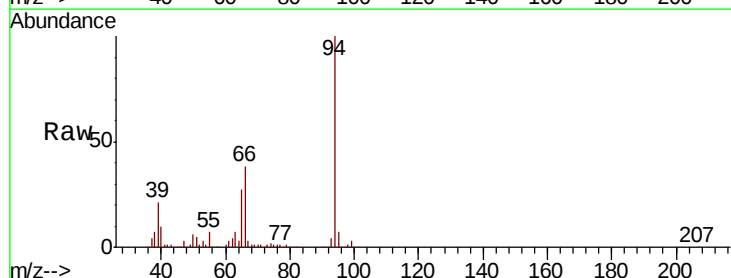
Tgt Ion: 94 Resp: 1042806

Ion Ratio Lower Upper

94 100

65 27.3 8.9 48.9

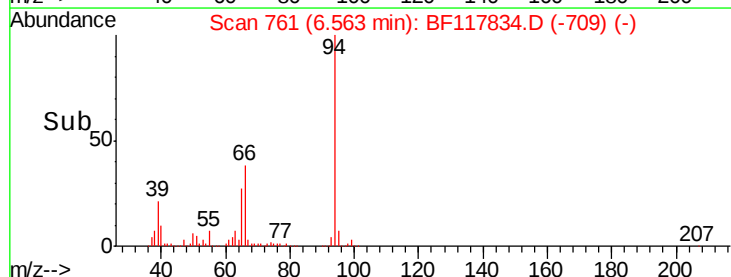
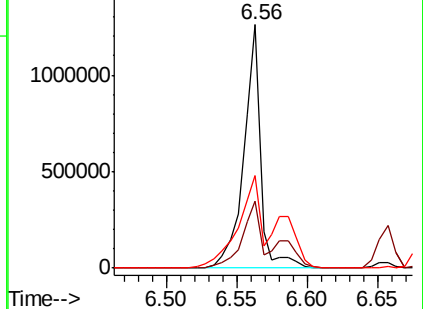
66 37.9 18.7 58.7

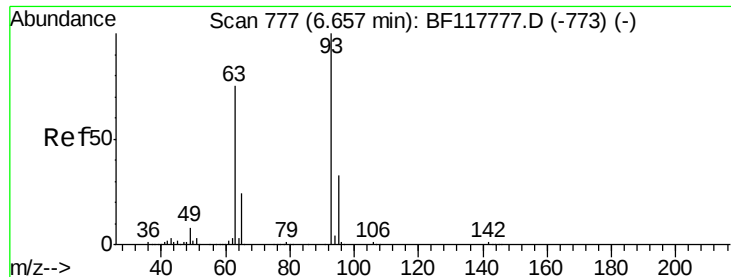


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

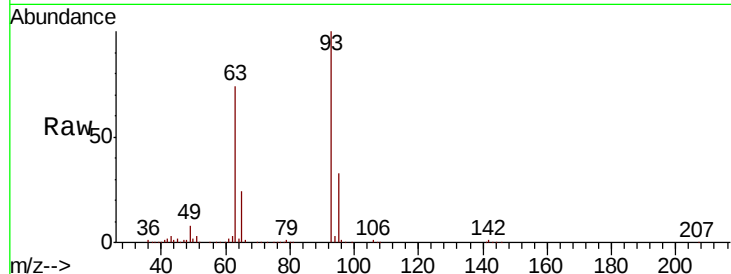




#11
bis(2-Chloroethyl)ether
Concen: 42.069 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	54.8	94.8
95	33.0	12.7	52.7

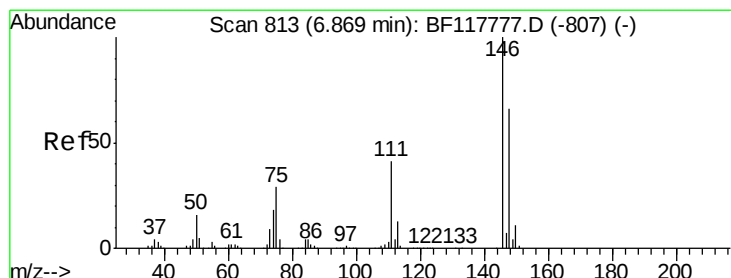
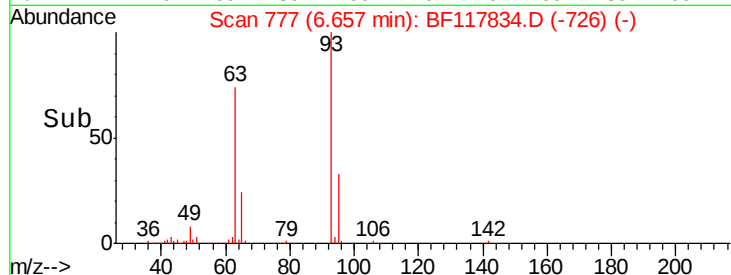
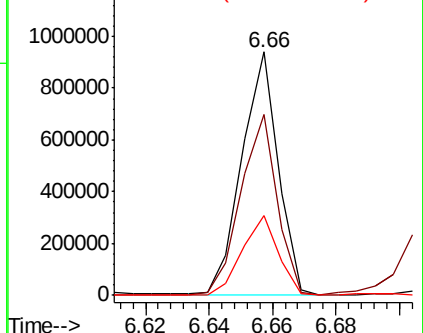


Abundance

Ion 93.00 (92.70 to 93.70): BF1

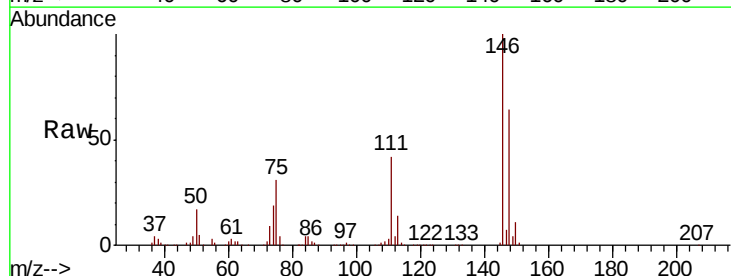
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.518 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.8	79.2
75	31.1	23.4	35.0

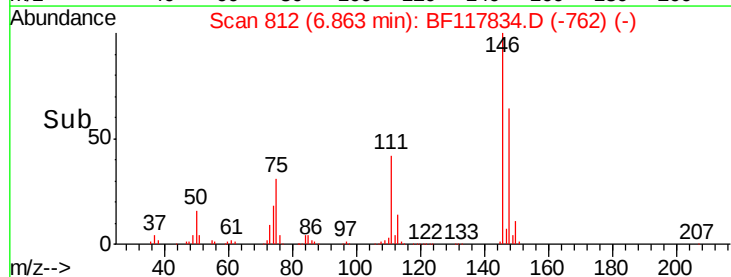
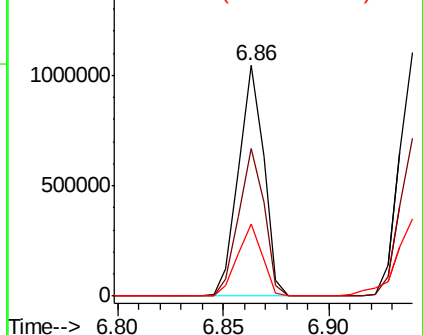


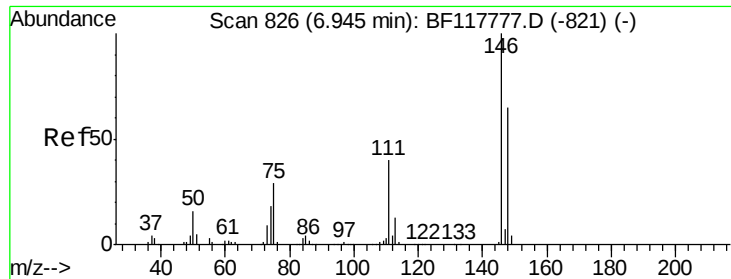
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.578 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampled :

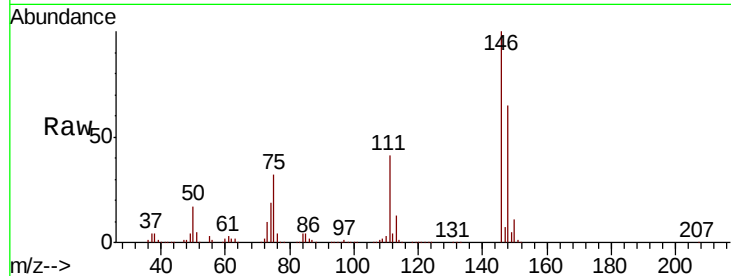
Tot Ion:146 Resp: 899093

Ion Ratio Lower Upper

146 100

148 64.7 52.3 78.5

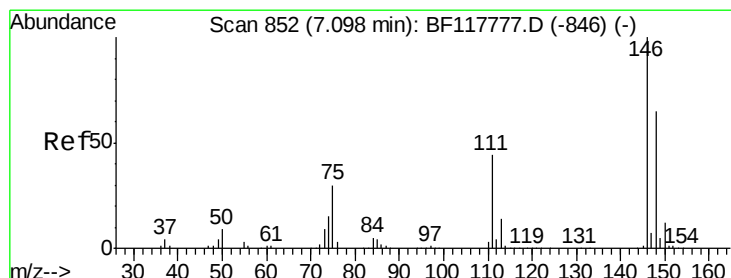
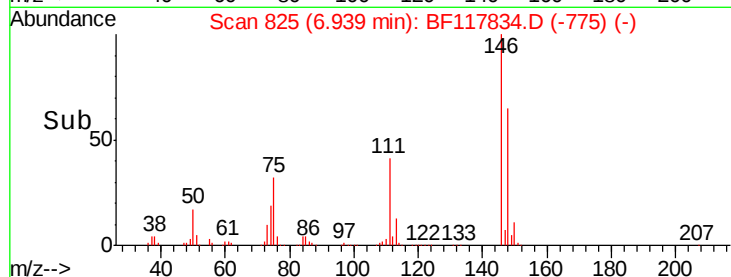
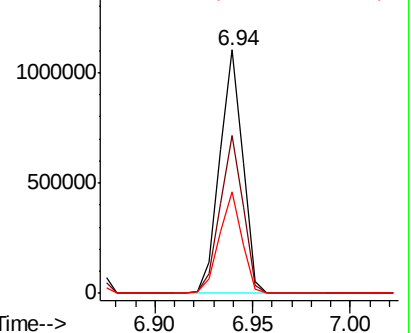
111 41.5 32.2 48.4



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: 39.347 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

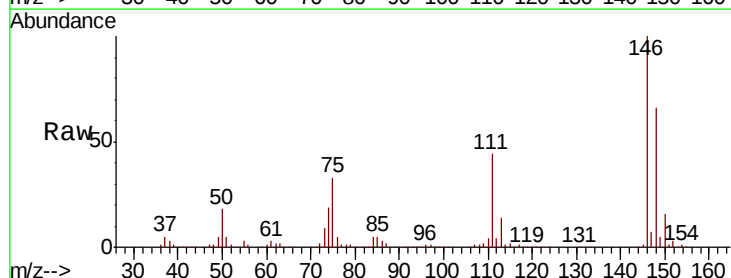
Tgt Ion:146 Resp: 854872

Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.8

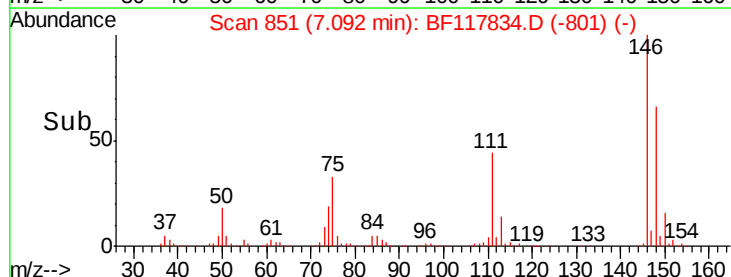
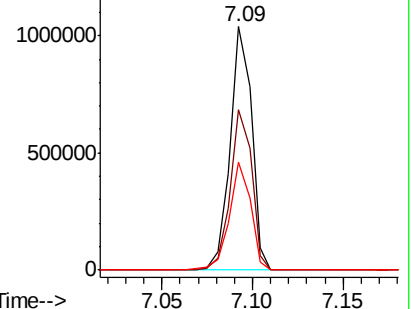
111 44.1 35.0 52.6

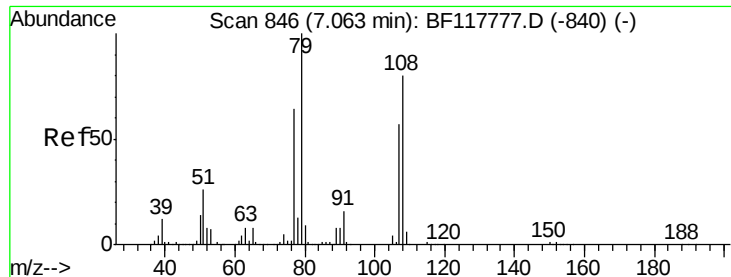


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.717 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampled :

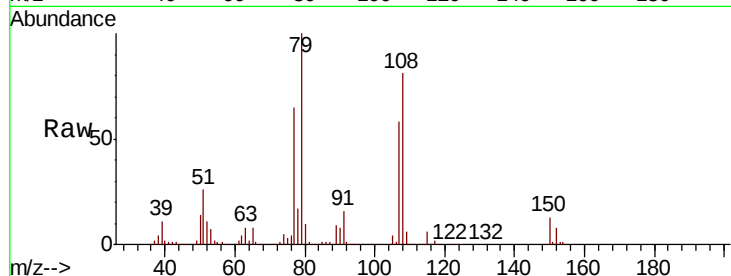
Tot Ion: 79 Resp: 748974

Ion Ratio Lower Upper

79 100

108 81.0 64.1 96.1

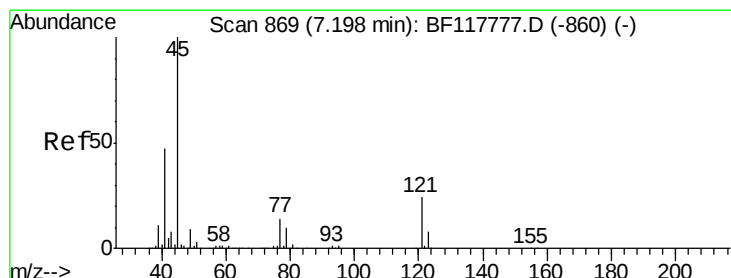
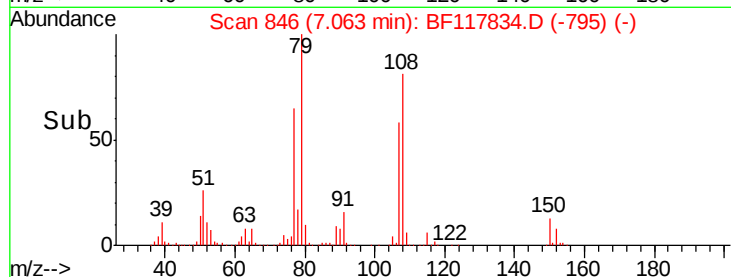
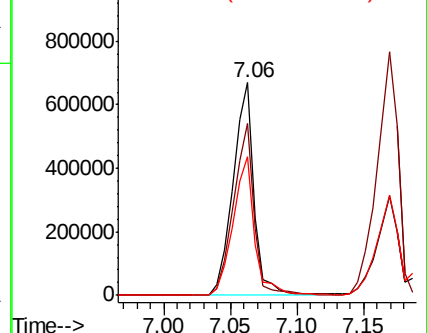
77 64.9 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.341 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

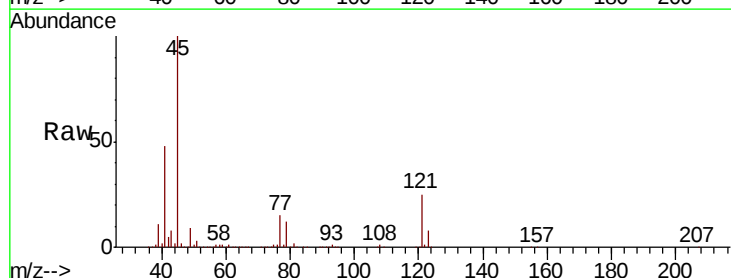
Tgt Ion: 45 Resp: 1072543

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.0

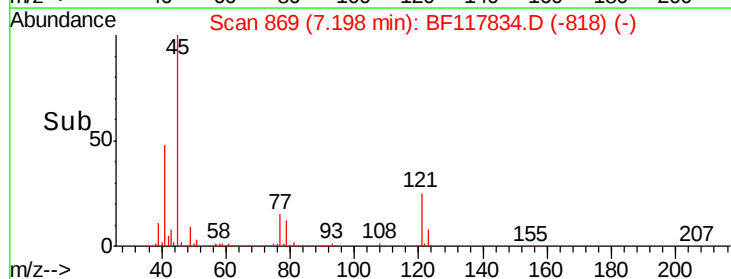
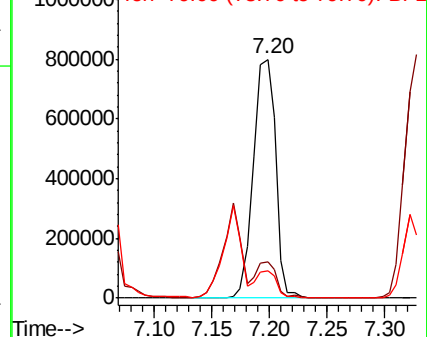
79 11.6 0.0 31.1

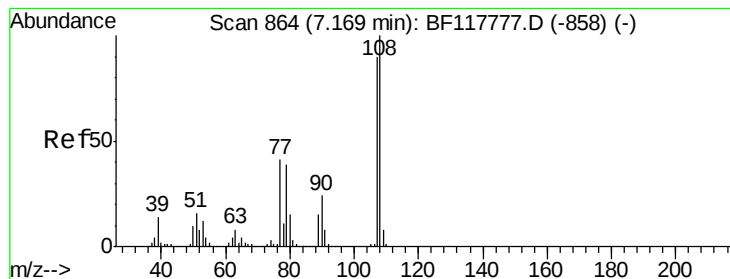


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.931 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 726372

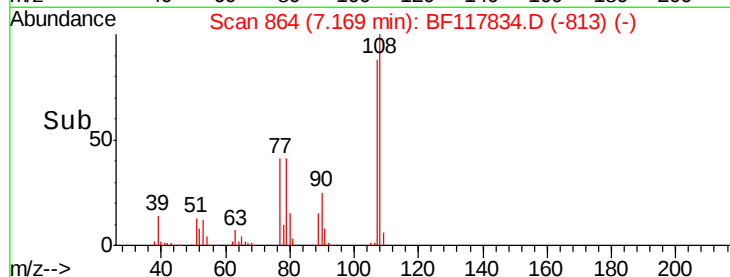
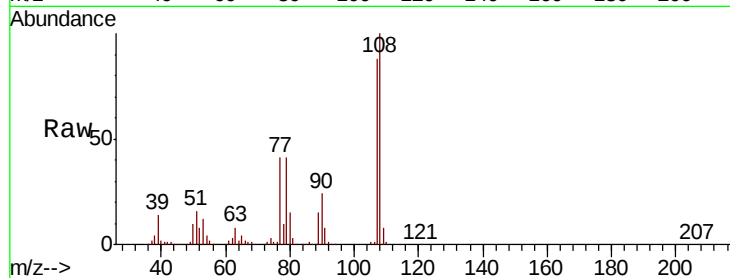
Ion Ratio Lower Upper

107 100

108 113.7 89.1 133.7

77 47.0 36.6 54.8

79 46.1 35.2 52.8

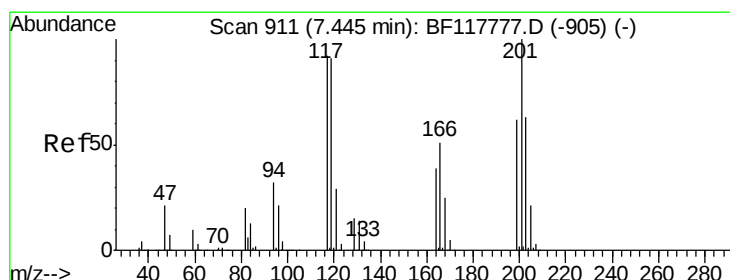
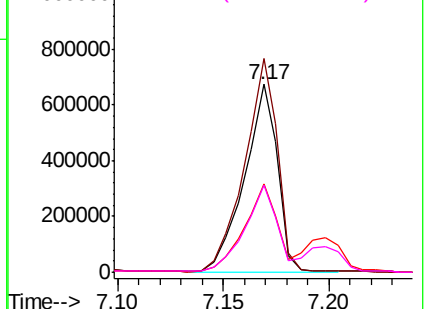


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.372 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

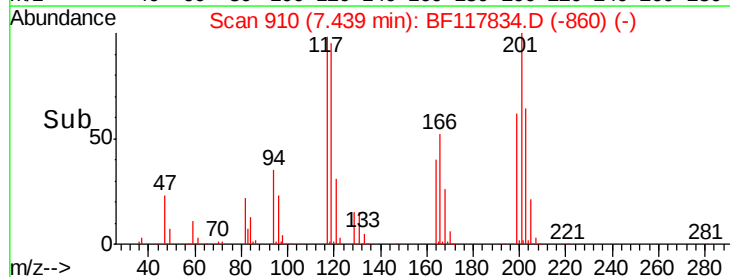
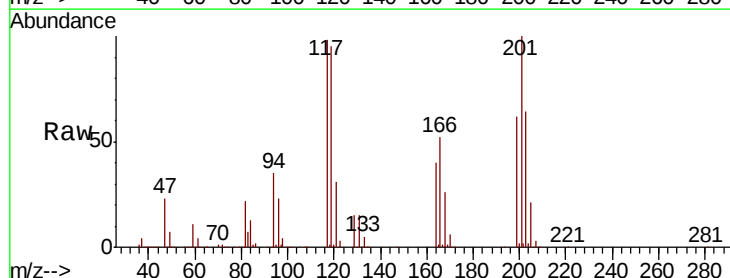
Tgt Ion:117 Resp: 320224

Ion Ratio Lower Upper

117 100

119 96.7 78.7 118.1

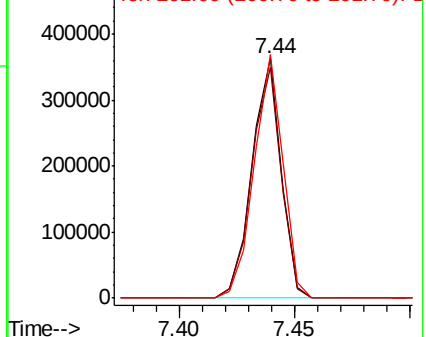
201 101.8 86.5 129.7

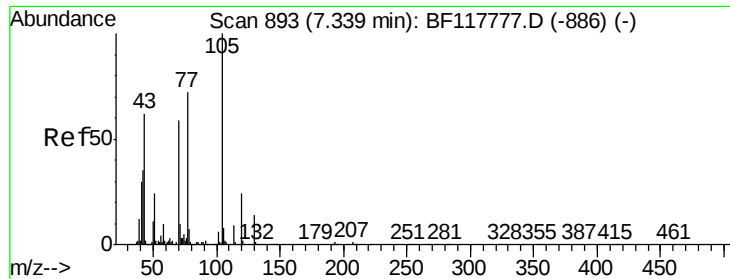


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

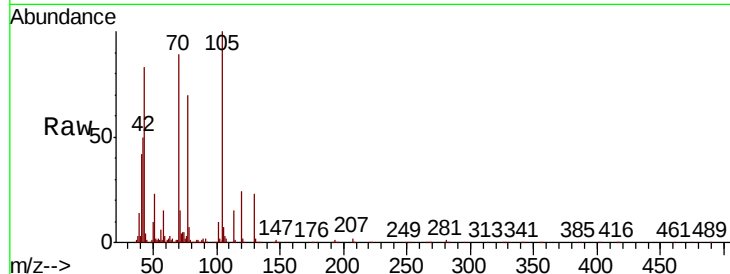




#19
n-Nitroso-di-n-propylamine
Concen: 42.866 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	561163
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.4	71.2
101	11.0	8.4	12.6
130	25.8	18.8	28.2



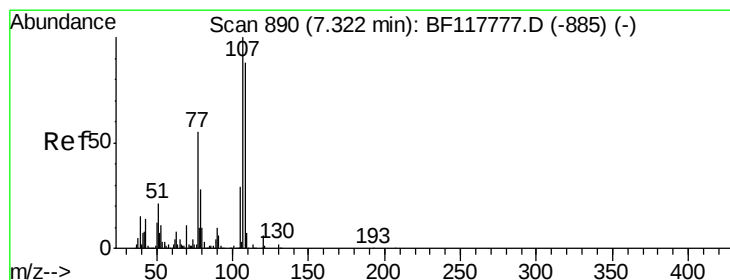
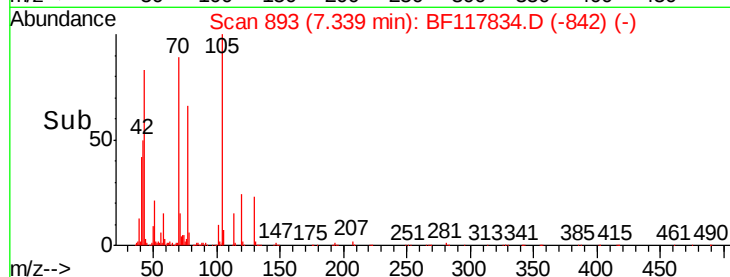
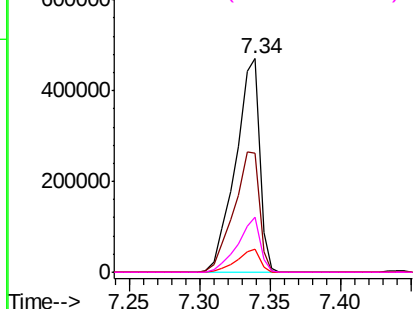
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

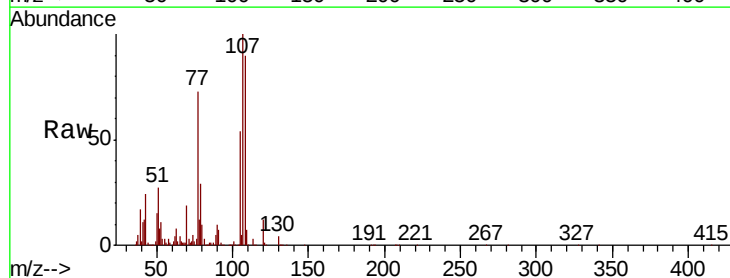
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 43.759 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:	107	Resp:	878138
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.4	108.4
77	73.2	35.2	75.2
79	29.5	8.6	48.6



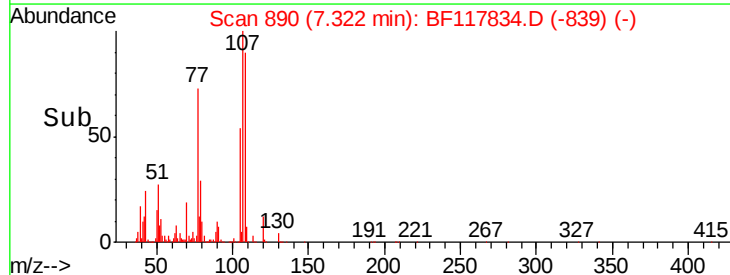
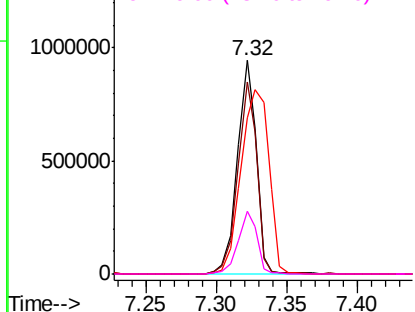
Abundance

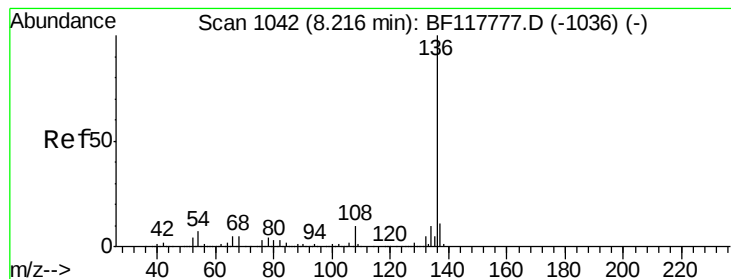
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1338221

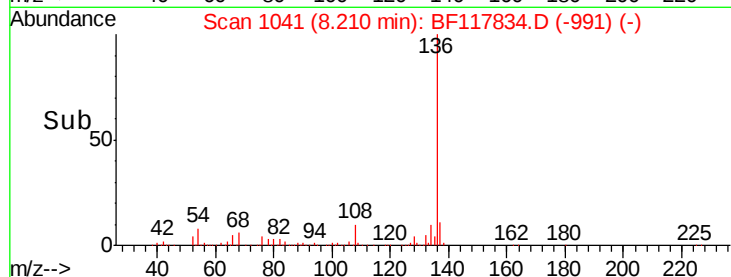
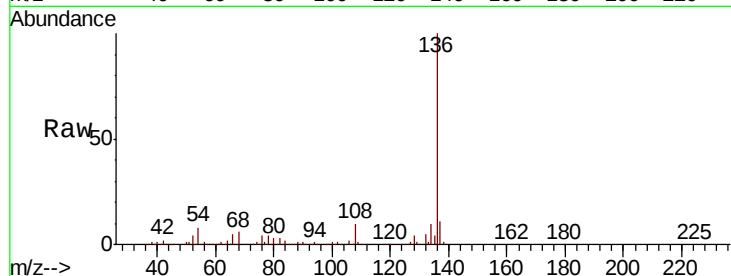
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.6 5.4 8.2

68 5.8 4.3 6.5

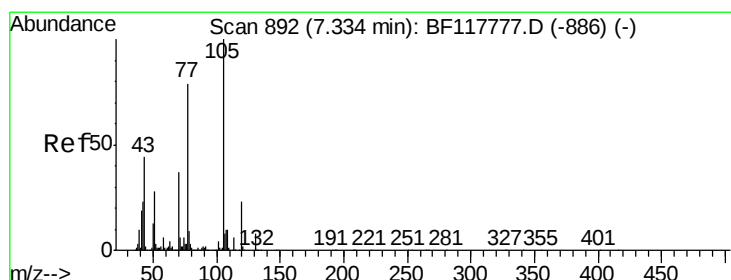
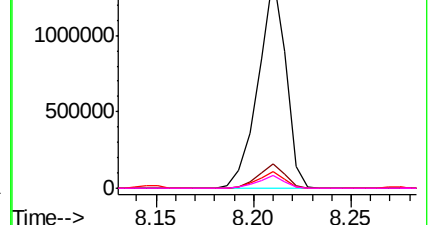


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.753 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Tgt Ion:105 Resp: 1135066

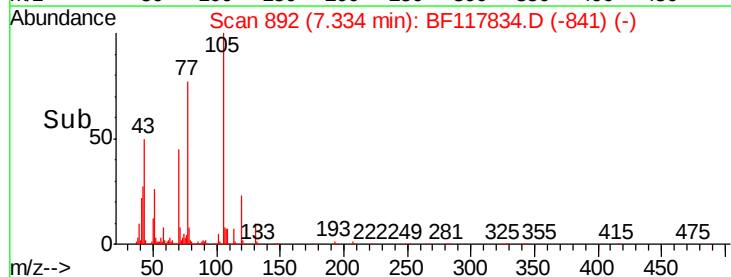
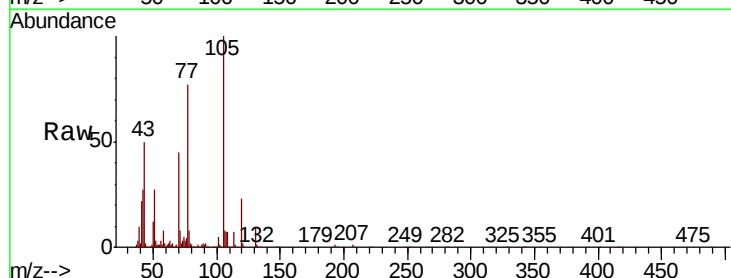
Ion Ratio Lower Upper

105 100

71 7.7 4.9 7.3#

51 26.6 22.7 34.1

120 23.0 18.5 27.7

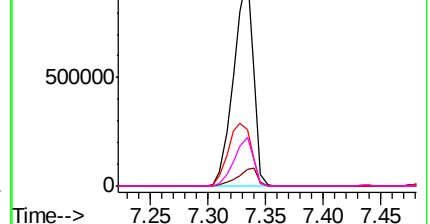


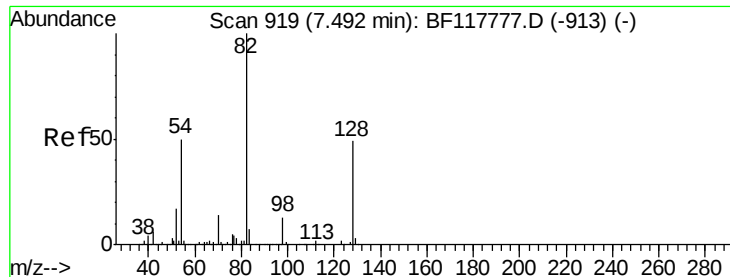
Abundance Ion 105.00 (104.70 to 105.70): E

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

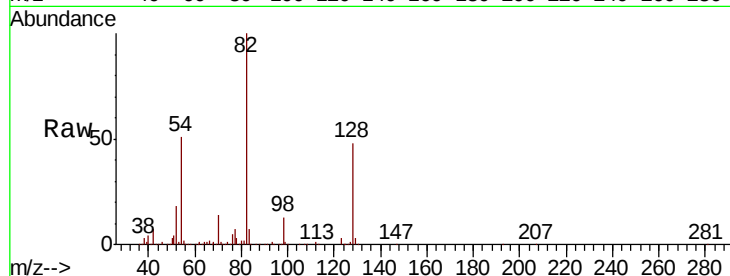




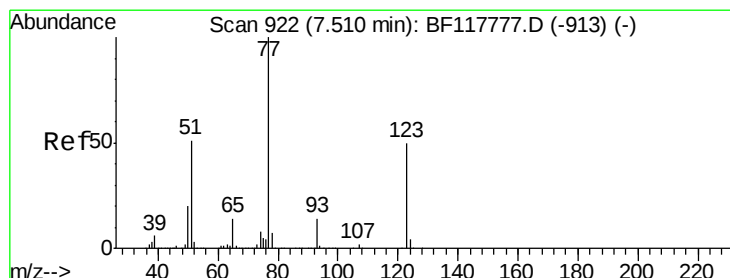
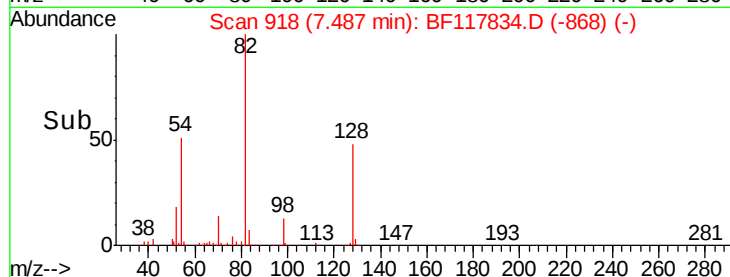
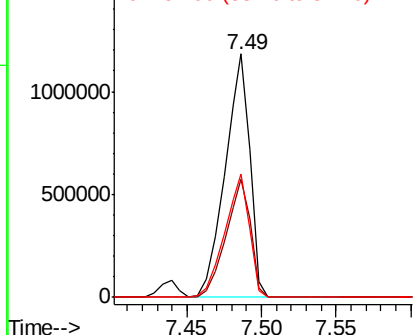
#23
Nitrobenzene-d5
Concen: 61.098 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1375418
Ion Ratio Lower Upper
82 100
128 48.3 38.9 58.3
54 50.6 39.8 59.6

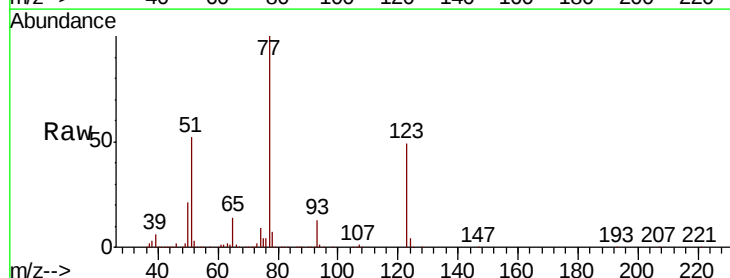


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

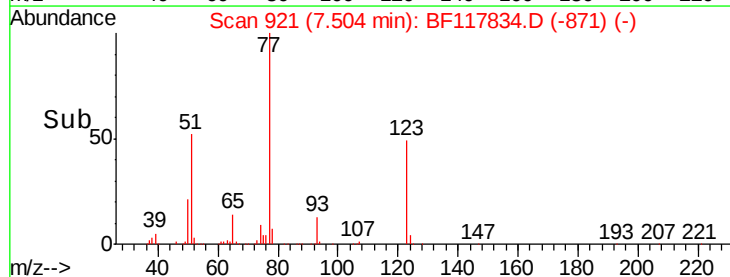
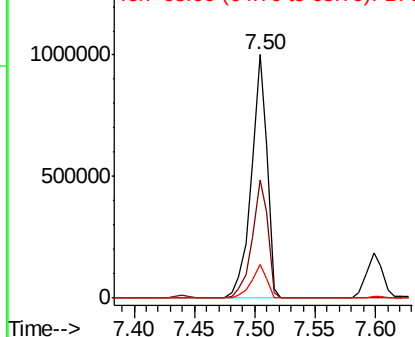


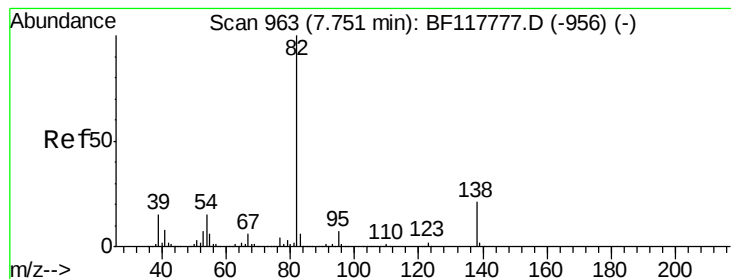
#24
Nitrobenzene
Concen: 38.913 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion: 77 Resp: 903705
Ion Ratio Lower Upper
77 100
123 48.7 40.3 60.5
65 13.8 10.9 16.3



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





#25

Isophorone

Concen: 38.874 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

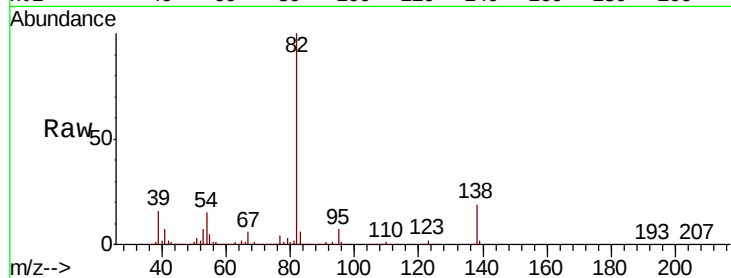
Tot Ion: 82 Resp: 1603947

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	18.9	16.5	24.7

82 100

95 7.3 5.8 8.8

138 18.9 16.5 24.7

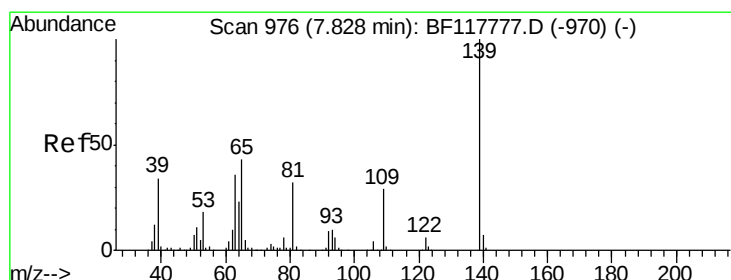
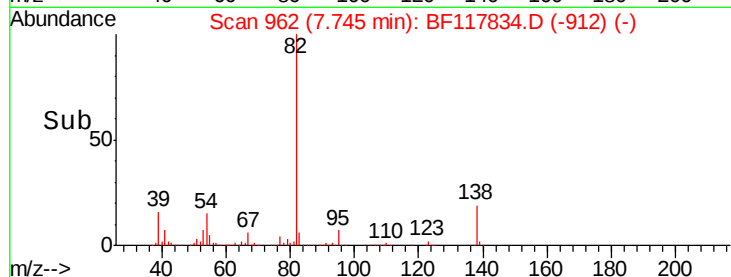
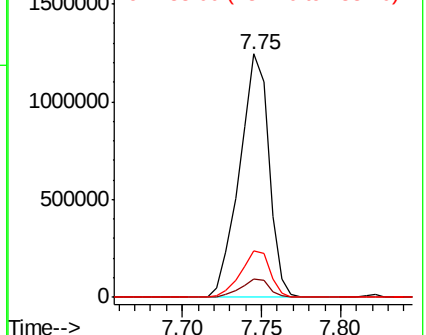


Abundance

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: 42.919 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

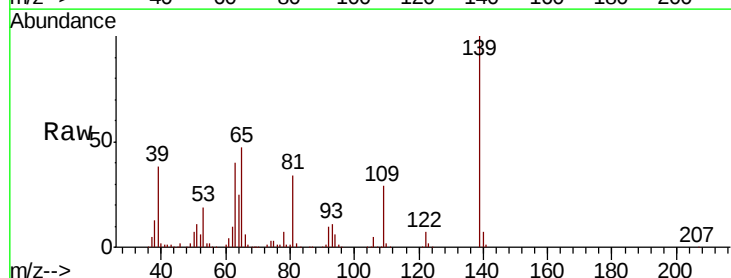
Tgt Ion: 139 Resp: 485138

Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.0	34.4
65	46.8	34.7	52.1

139 100

109 29.2 23.0 34.4

65 46.8 34.7 52.1

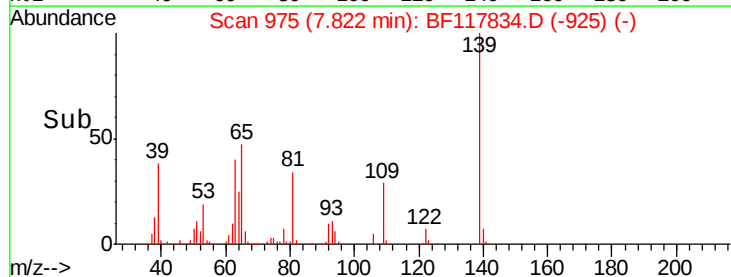
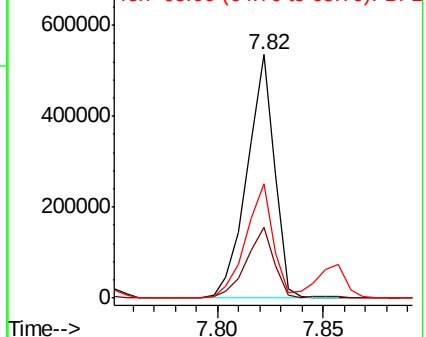


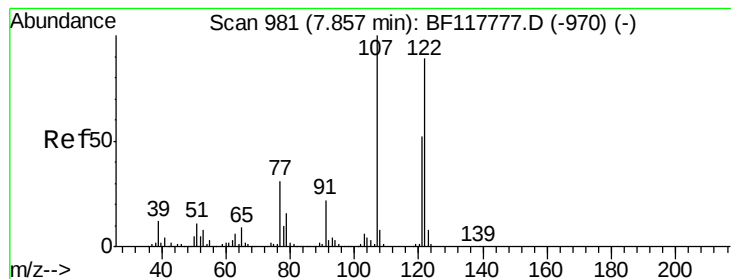
Abundance

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: 45.772 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampled :

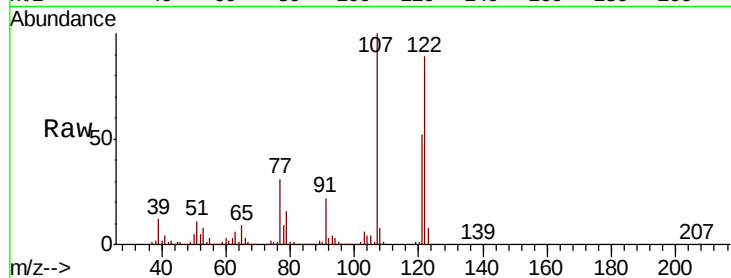
Tot Ion:122 Resp: 803958

Ion Ratio Lower Upper

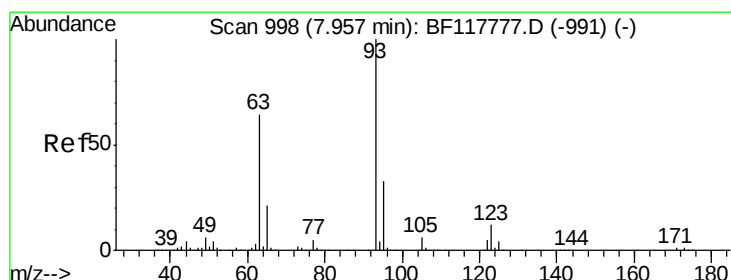
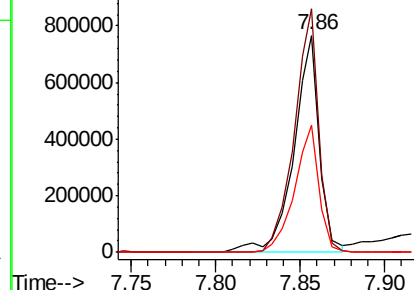
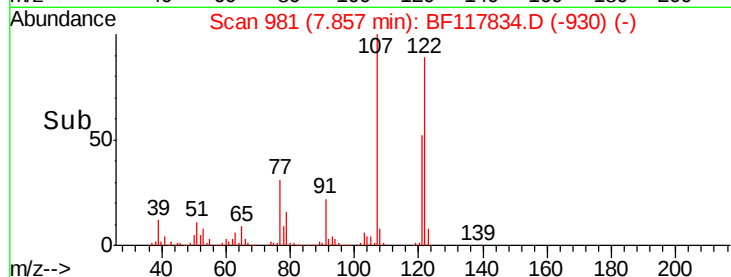
122 100

107 112.2 90.0 135.0

121 58.9 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: 36.202 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

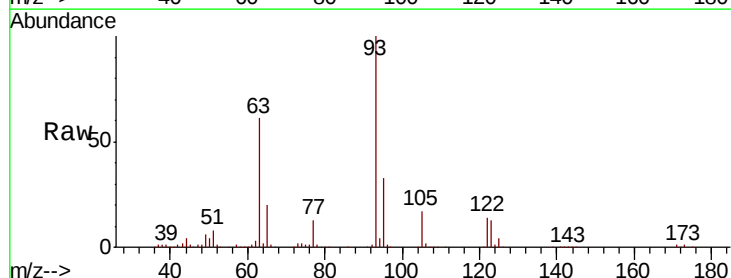
Tgt Ion: 93 Resp: 947877

Ion Ratio Lower Upper

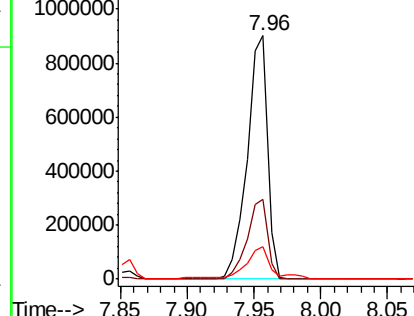
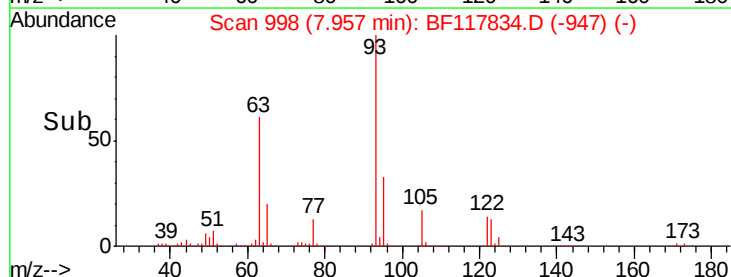
93 100

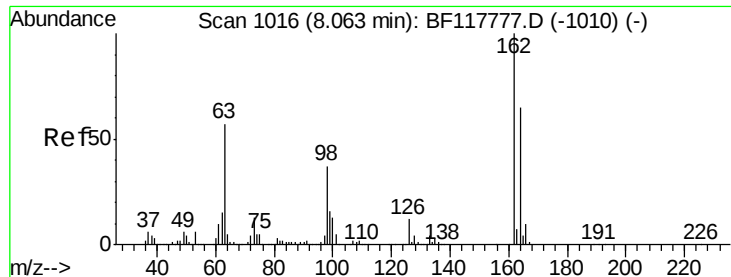
95 32.8 26.6 40.0

123 13.4 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

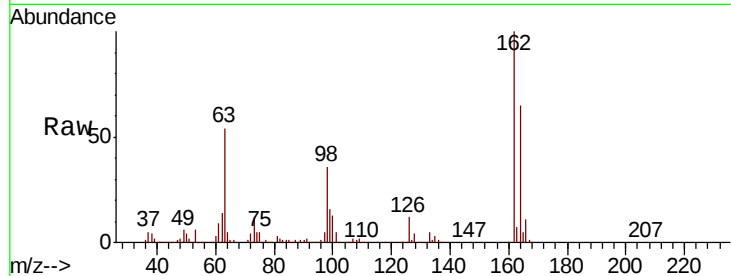




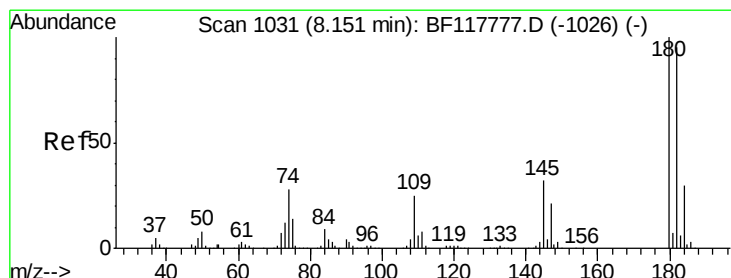
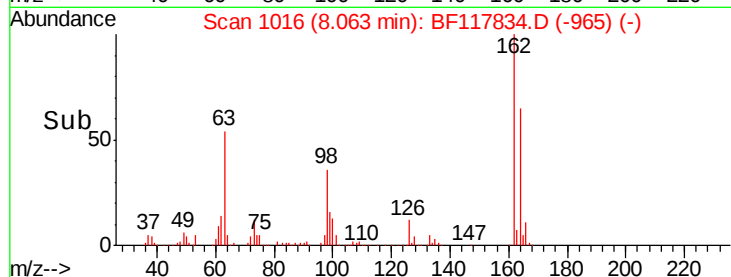
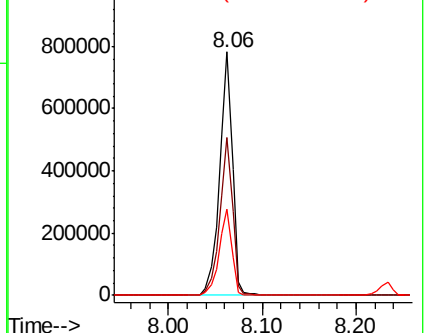
#29
2,4-Dichlorophenol
Concen: 39.351 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 749725
Ion Ratio Lower Upper
162 100
164 64.8 45.1 85.1
98 35.5 17.2 57.2

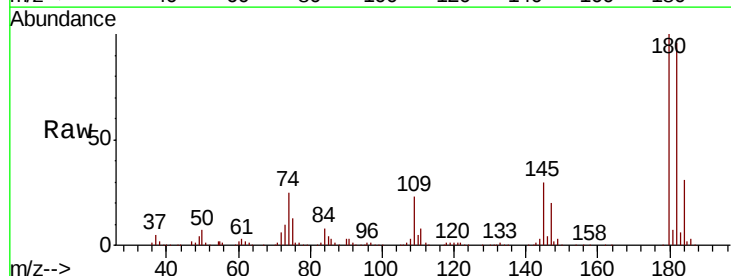


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

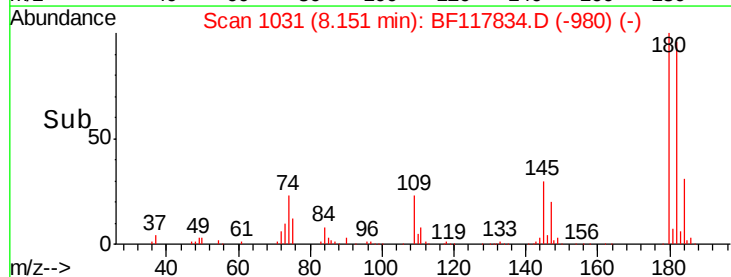
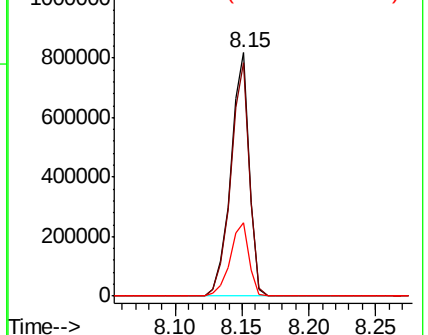


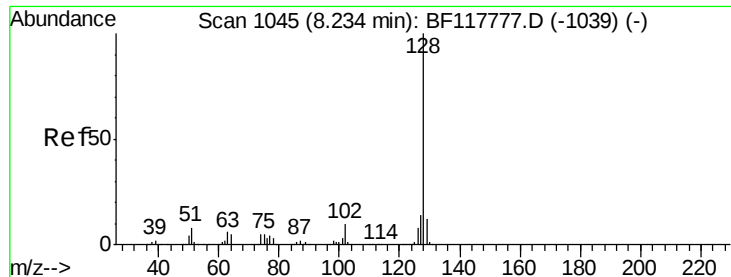
#30
1,2,4-Trichlorobenzene
Concen: 36.234 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:180 Resp: 800748
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.6
145 30.2 25.5 38.3



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

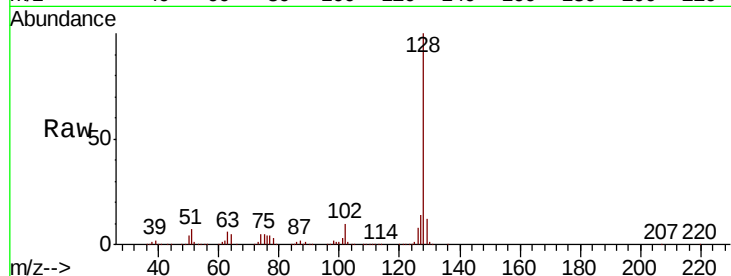




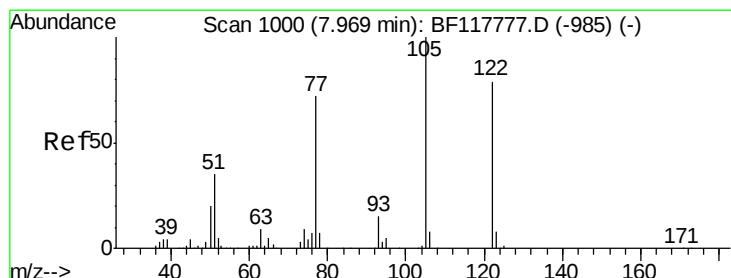
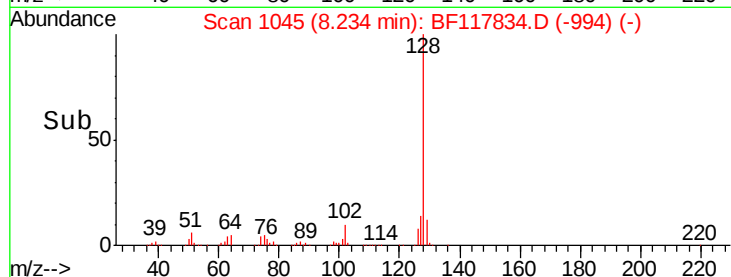
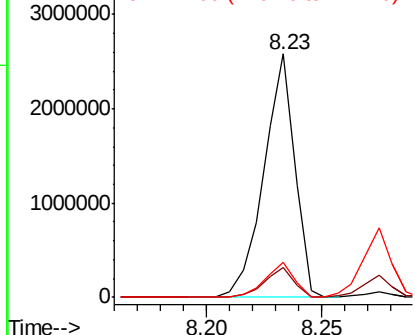
#31
Naphthalene
Concen: 38.562 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2405771
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.5 11.3 16.9

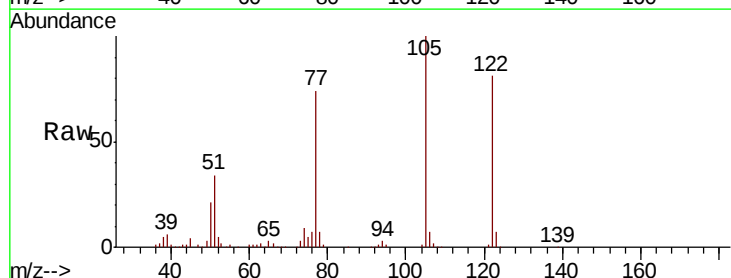


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

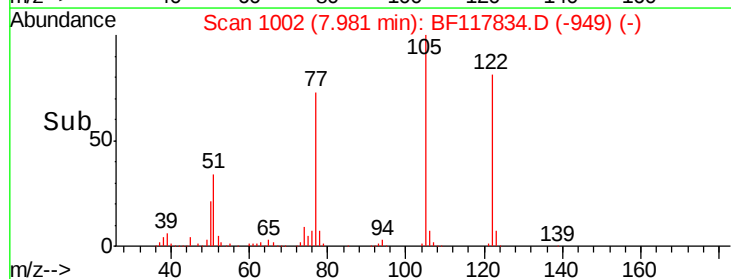
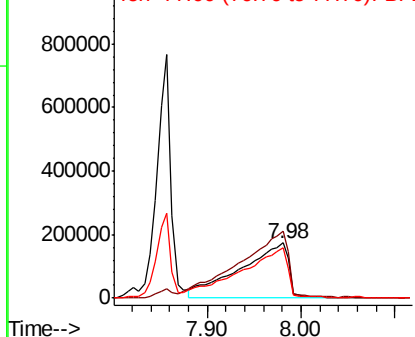


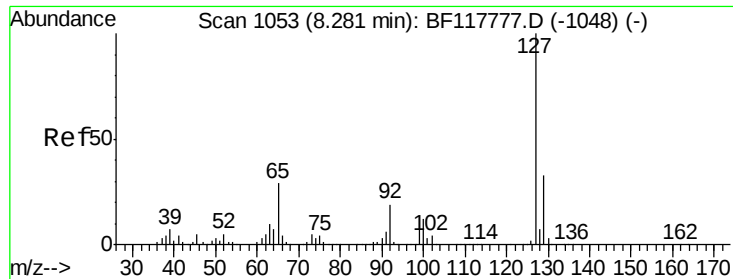
#32
Benzoic acid
Concen: 41.587 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:122 Resp: 611622
Ion Ratio Lower Upper
122 100
105 122.8 102.7 142.7
77 90.5 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

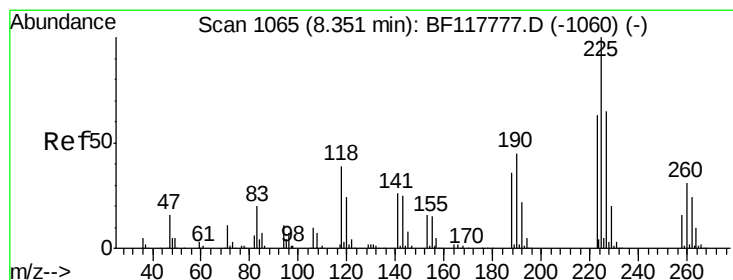
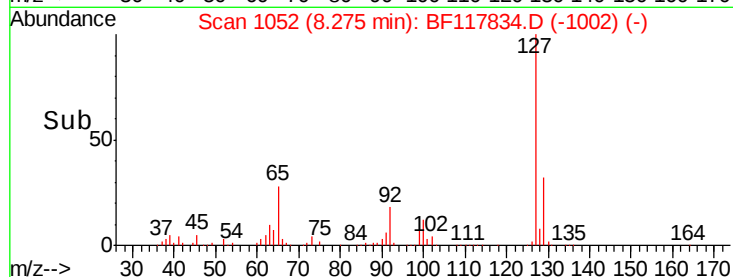
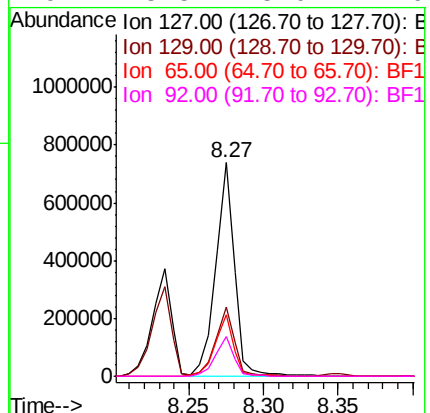
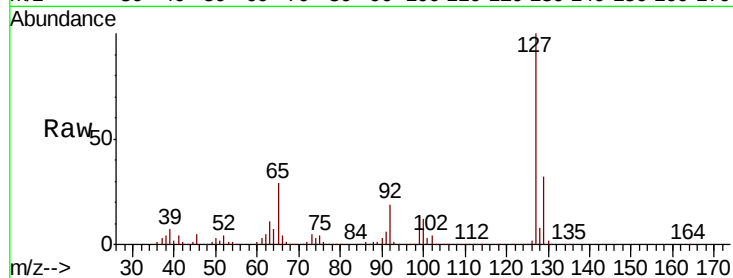




#33
4-Chloroaniline
Concen: 23.061 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

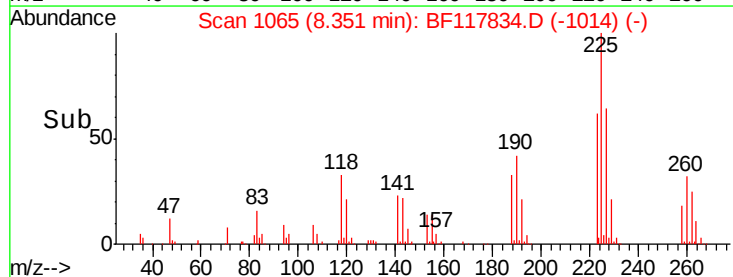
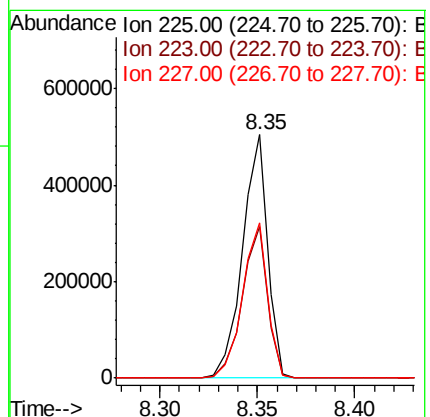
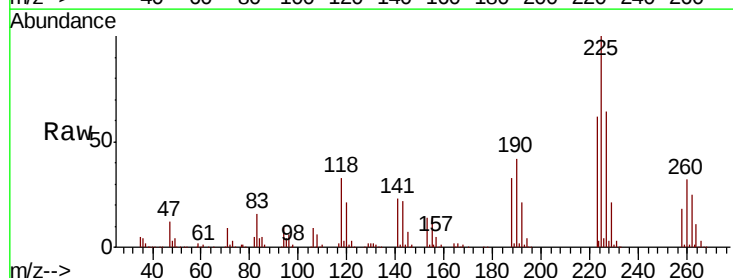
Instrument :
BNA_F
ClientSampleId :

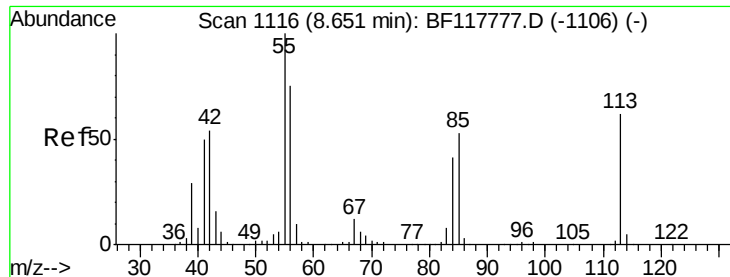
Tot Ion:	127	Resp:	644073
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	28.6	22.9	34.3
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 34.758 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:	225	Resp:	449106
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.0	75.0
227	63.6	51.8	77.6

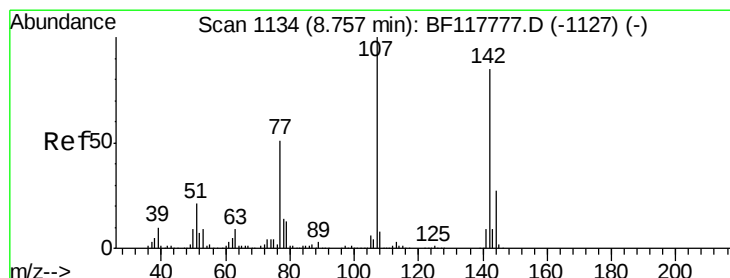
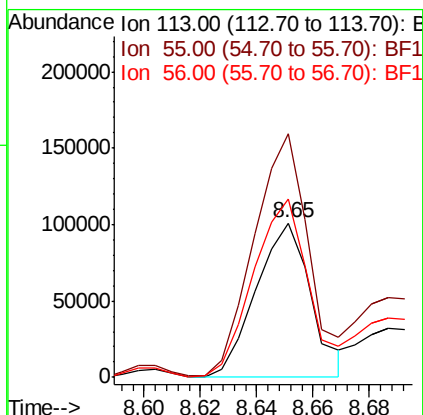
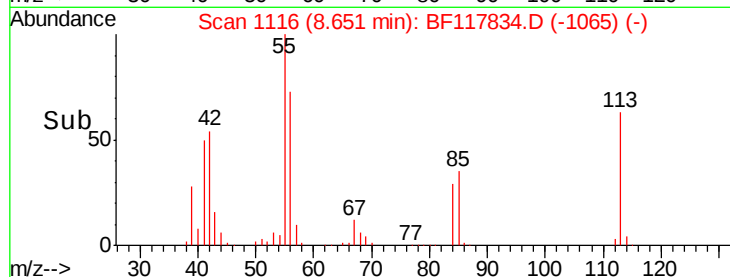
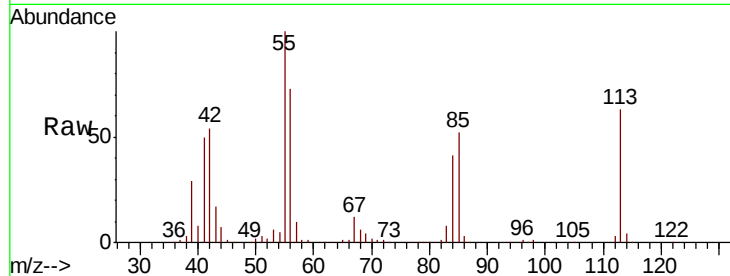




#35
 Caprolactam
 Concen: 22.367 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

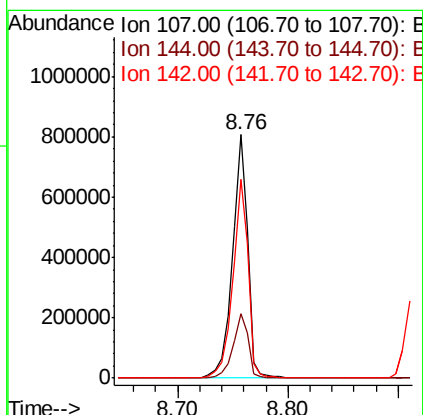
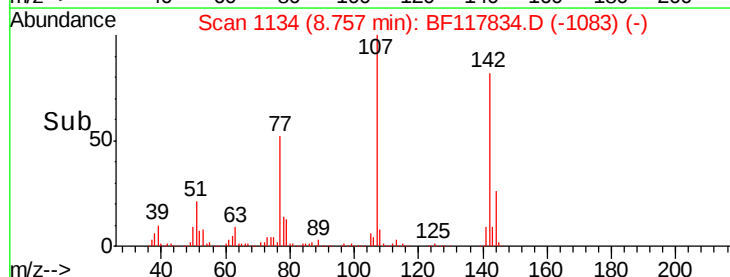
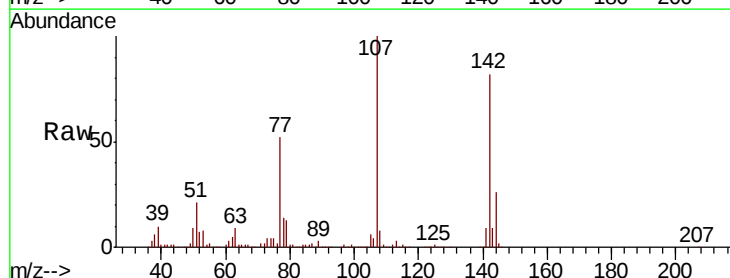
Instrument :
 BNA_F
 ClientSampleId :

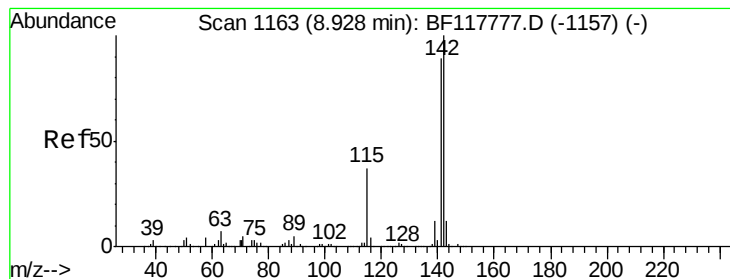
Tot Ion:113 Resp: 135438
 Ion Ratio Lower Upper
 113 100
 55 157.7 141.1 181.1
 56 115.7 100.5 140.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.460 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

Tgt Ion:107 Resp: 782314
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.9 32.9
 142 81.6 67.7 101.5





#37

2-Methylnaphthalene

Concen: 39.332 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

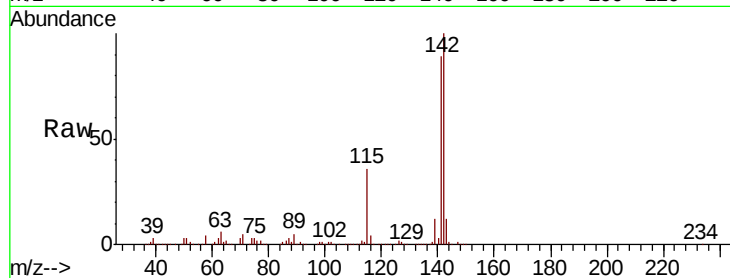
Tot Ion:142 Resp: 1657946

Ion Ratio Lower Upper

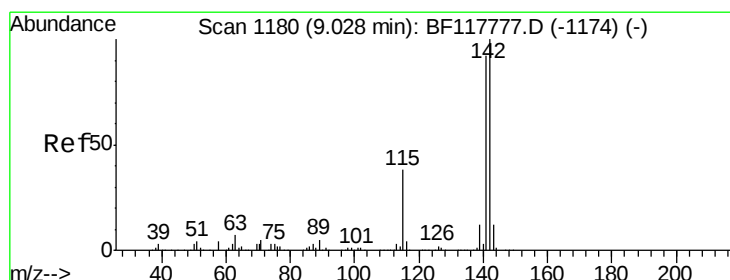
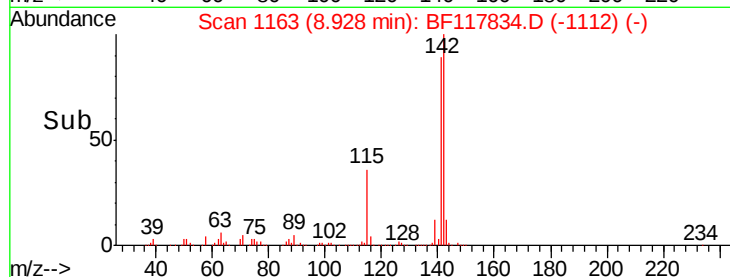
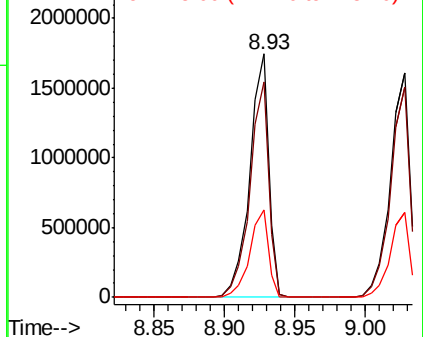
142 100

141 88.6 71.1 106.7

115 36.1 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: 39.298 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

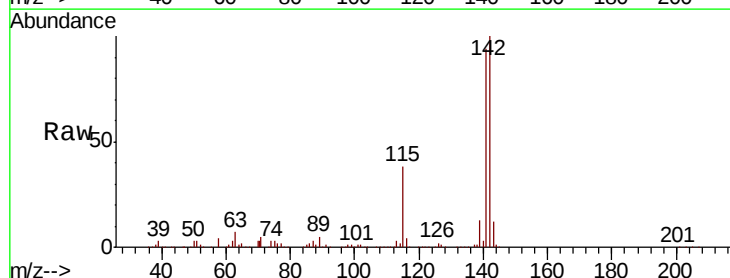
Tgt Ion:142 Resp: 1566082

Ion Ratio Lower Upper

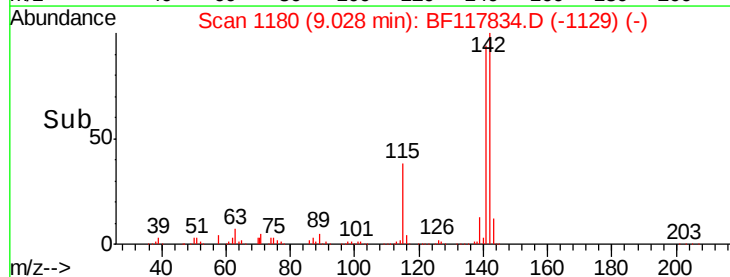
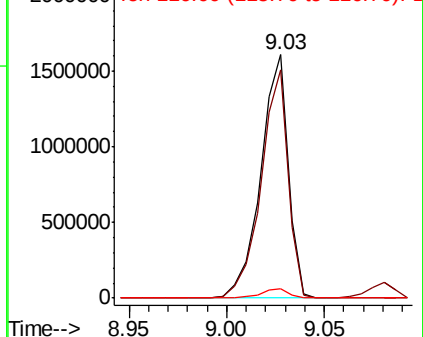
142 100

141 93.7 73.5 110.3

116 3.9 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

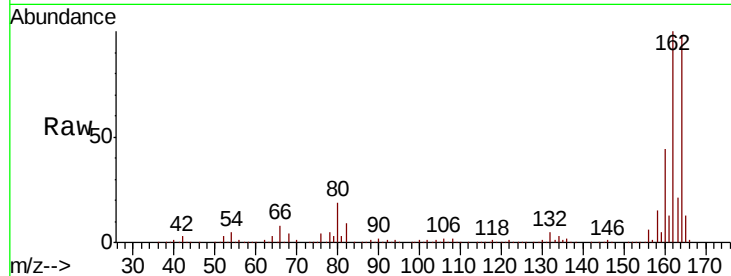




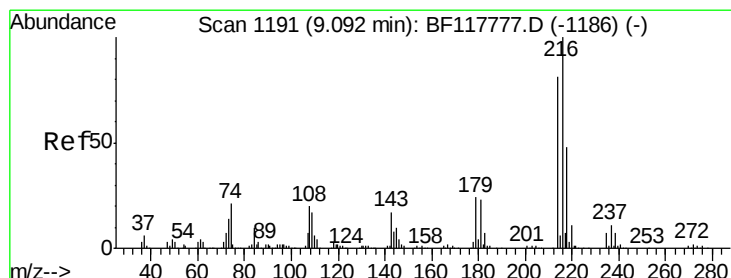
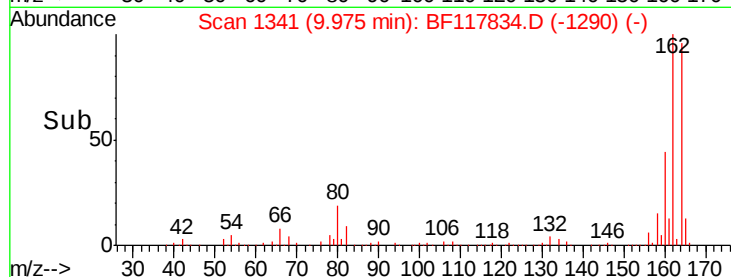
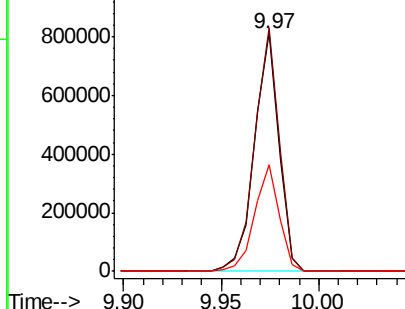
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 708482
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 45.0 36.6 55.0

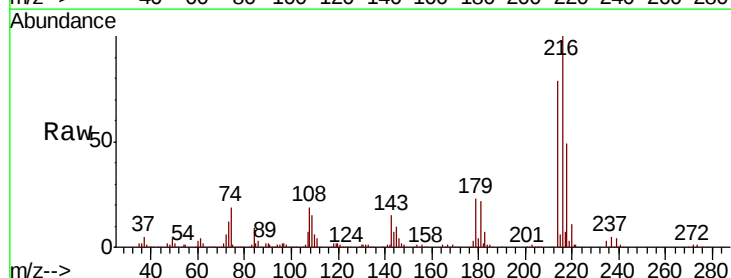


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

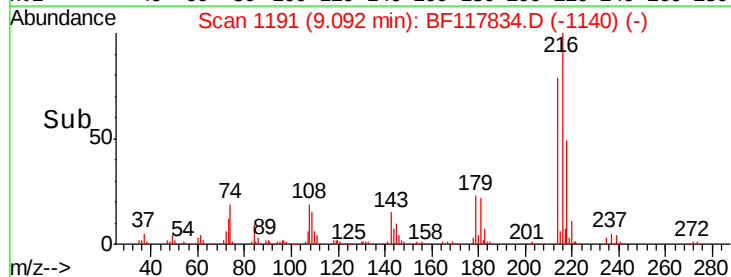
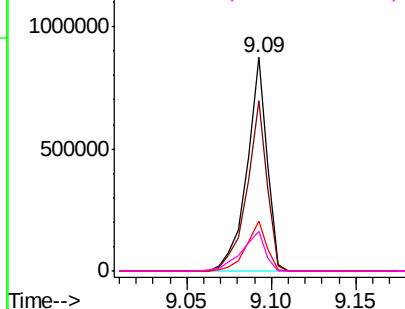


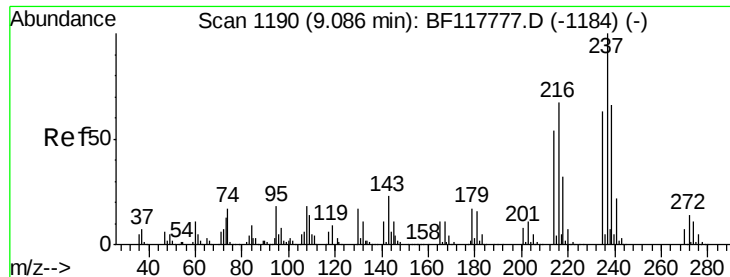
#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.494 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:216 Resp: 730283
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.0
179 23.4 18.2 27.4
108 21.8 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: 65.597 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

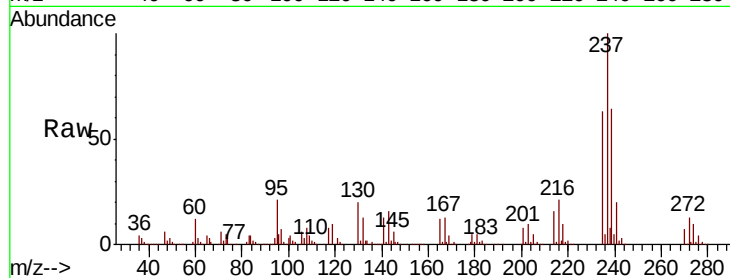
Tot Ion:237 Resp: 756346

Ion Ratio Lower Upper

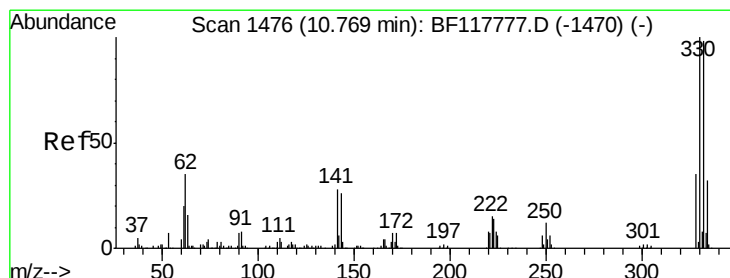
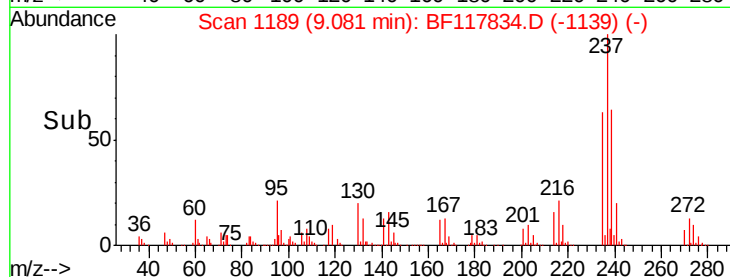
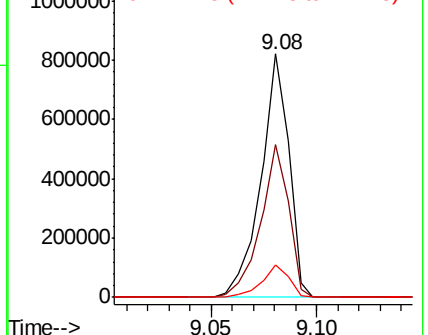
237 100

235 62.9 42.6 82.6

272 13.1 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: 107.011 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

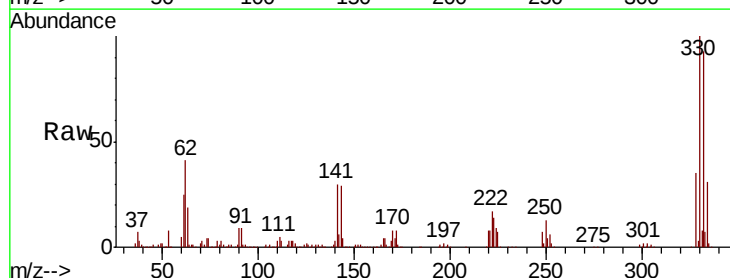
Tgt Ion:330 Resp: 802649

Ion Ratio Lower Upper

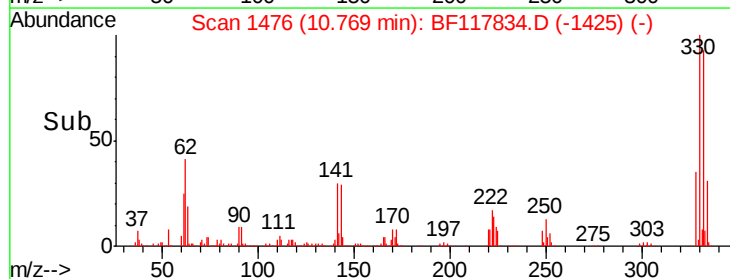
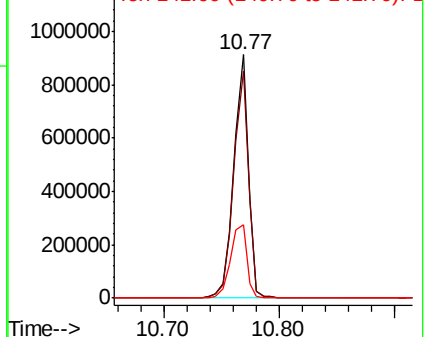
330 100

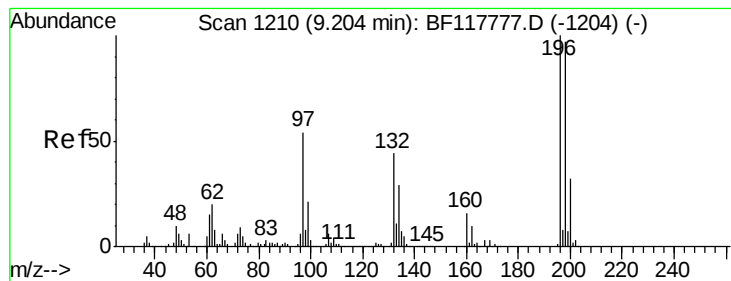
332 95.6 76.7 115.1

141 33.8 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: 38.180 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

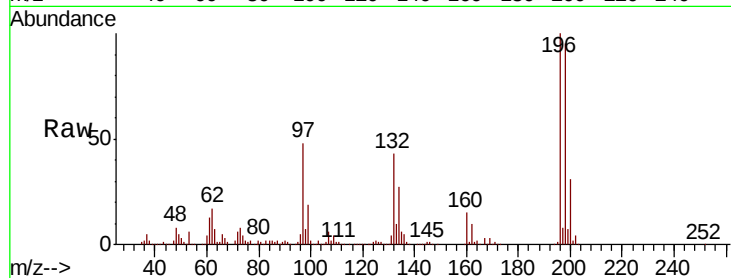
Tot Ion:196 Resp: 562664

Ion Ratio Lower Upper

196 100

198 95.1 77.8 116.6

200 31.1 25.4 38.0

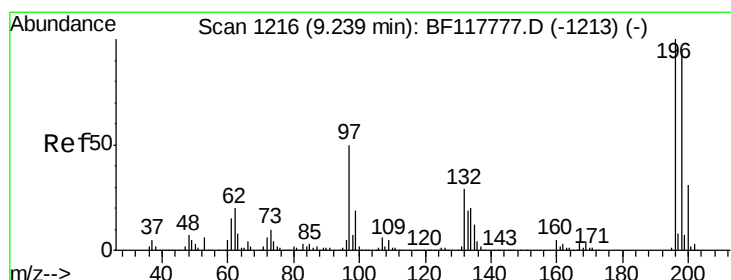
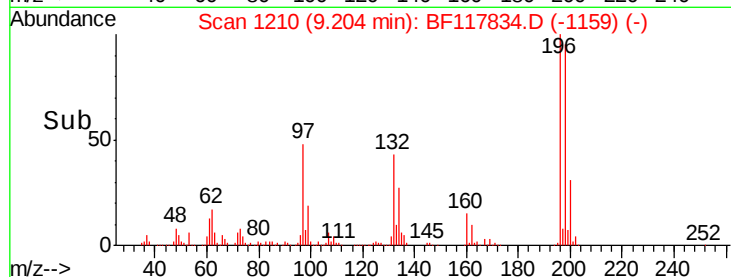
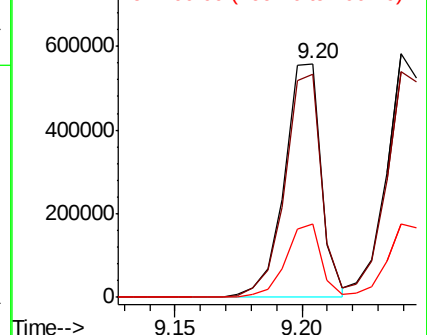


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.464 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Tgt Ion:196 Resp: 603849

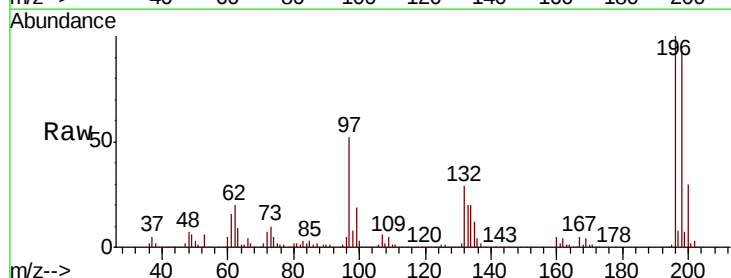
Ion Ratio Lower Upper

196 100

198 92.9 76.3 114.5

97 52.0 40.0 60.0

132 29.4 23.6 35.4



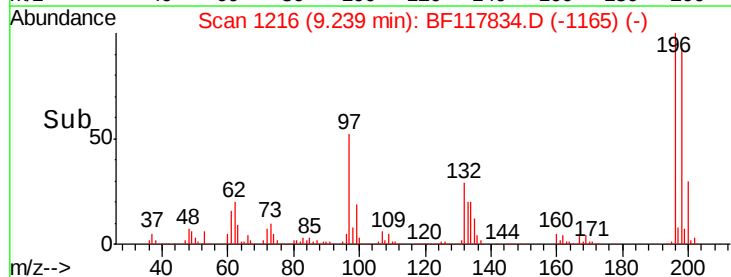
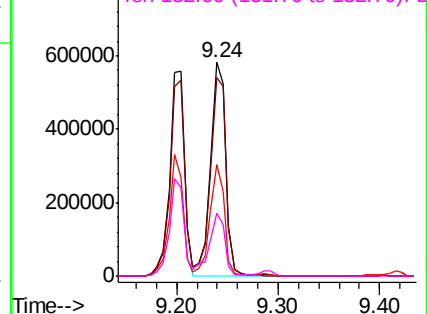
Abundance

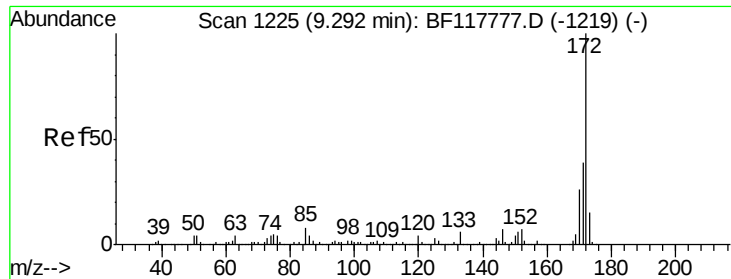
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

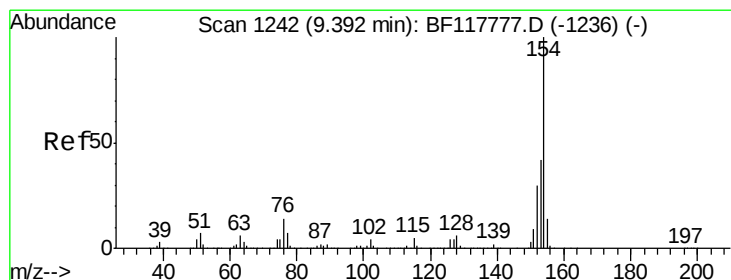
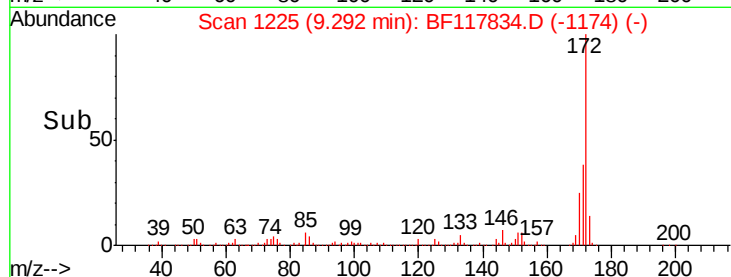
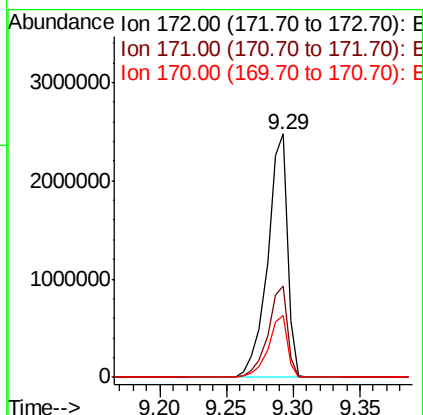
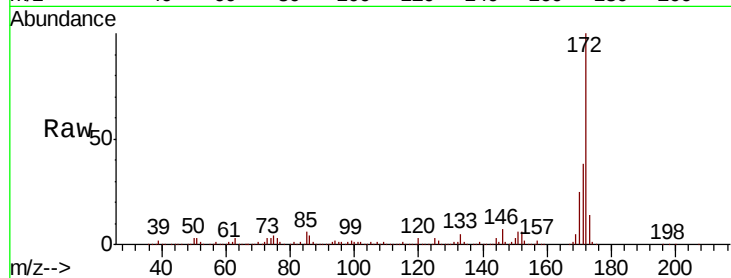




#45
2-Fluorobiphenyl
Concen: 64.908 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

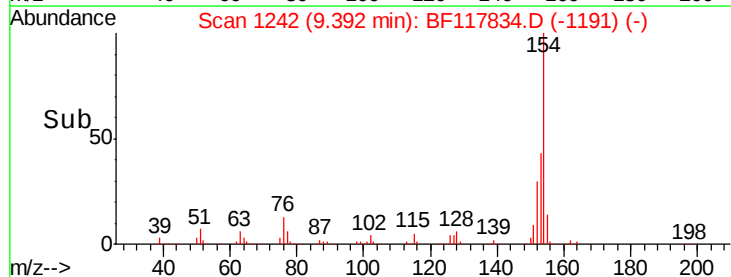
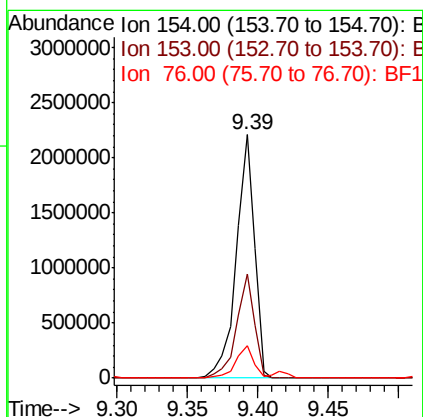
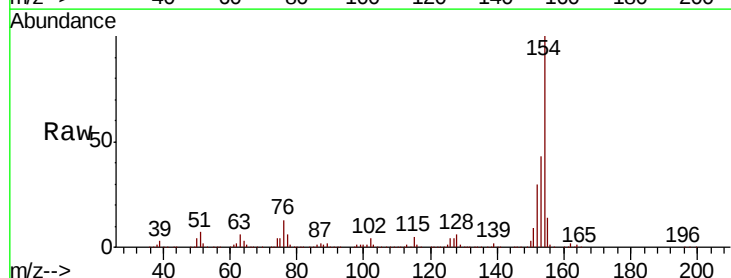
Instrument :
BNA_F
ClientSampleId :

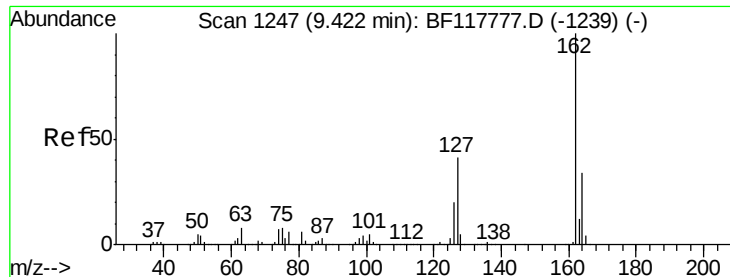
Tot Ion:172 Resp: 2563266
Ion Ratio Lower Upper
172 100
171 37.7 30.9 46.3
170 25.3 21.0 31.4



#46
1,1'-Biphenyl
Concen: 37.764 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:154 Resp: 1984977
Ion Ratio Lower Upper
154 100
153 42.7 21.9 61.9
76 13.2 0.0 33.6

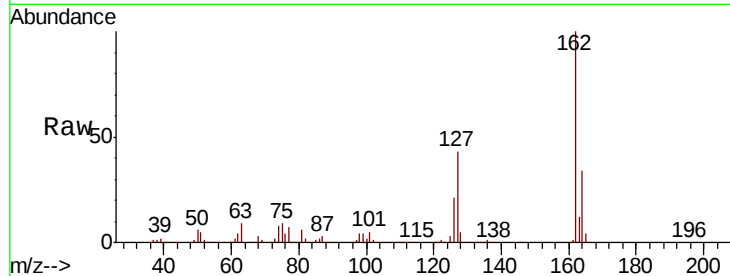




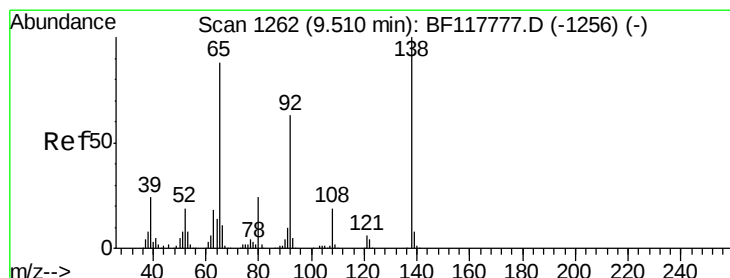
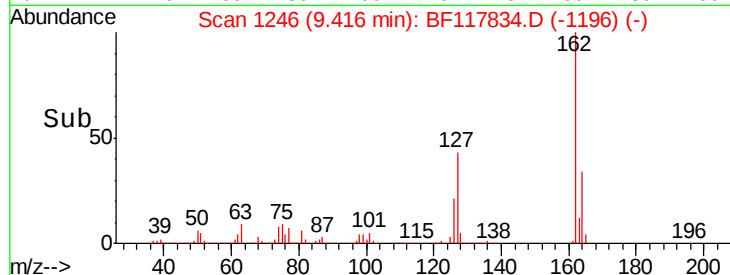
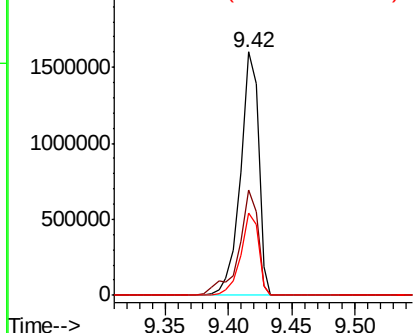
#47
 2-Chloronaphthalene
 Concen: 36.397 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1573854
 Ion Ratio Lower Upper
 162 100
 127 43.3 33.2 49.8
 164 33.8 27.3 40.9

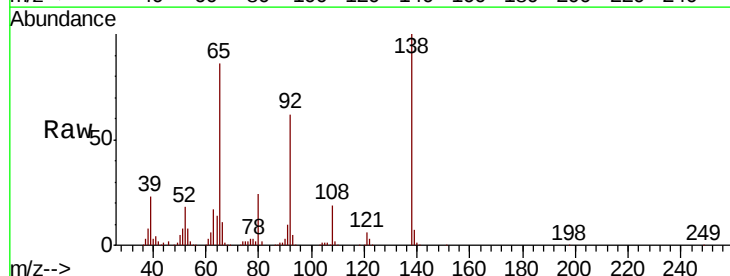


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

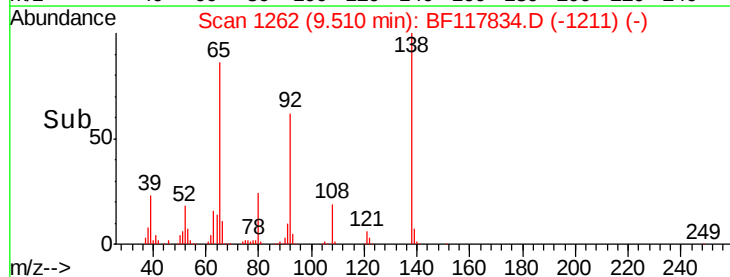
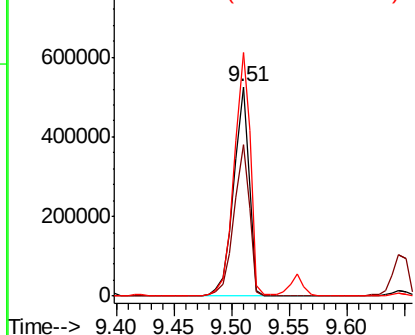


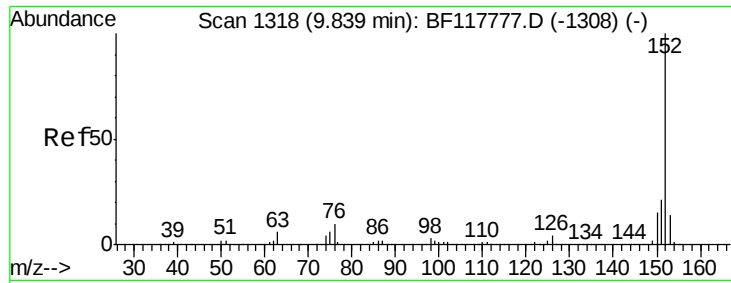
#48
 2-Nitroaniline
 Concen: 37.838 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

Tgt Ion: 65 Resp: 493961
 Ion Ratio Lower Upper
 65 100
 92 72.2 56.6 84.8
 138 116.2 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: 38.447 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

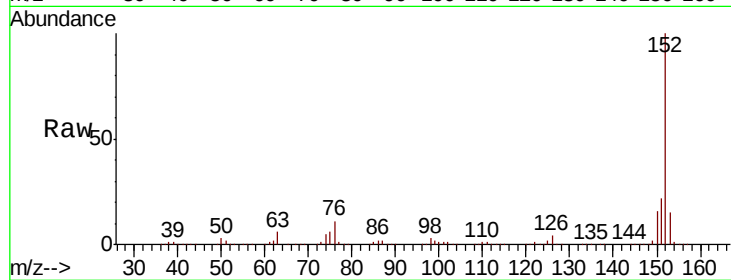
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2423817

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6
153	14.6	11.0	16.6

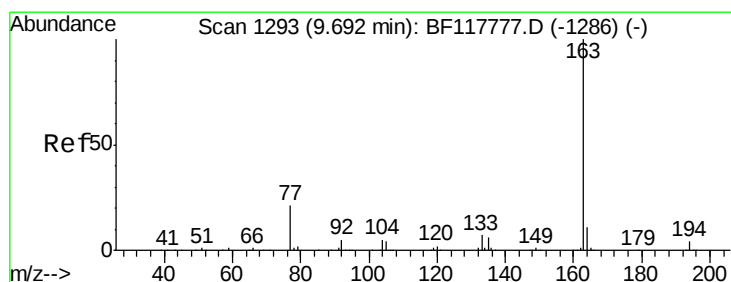
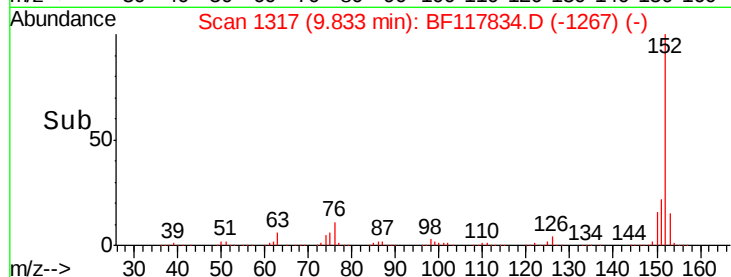
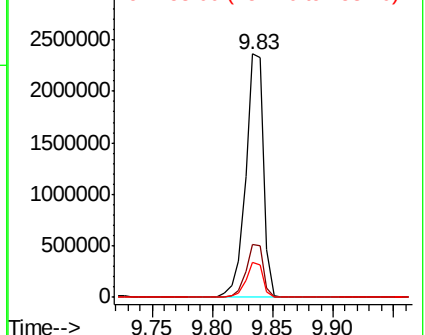


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.804 ng

RT: 9.69 min Scan# 1293

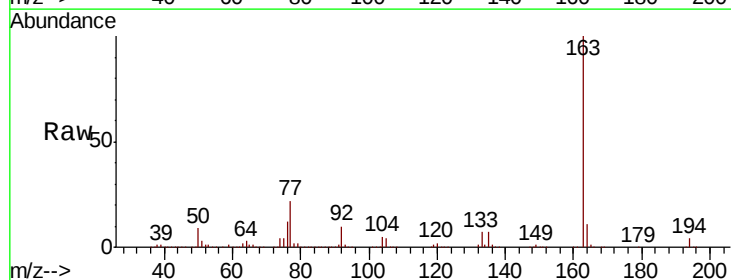
Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Tgt Ion:163 Resp: 1828496

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.9	8.7	13.1

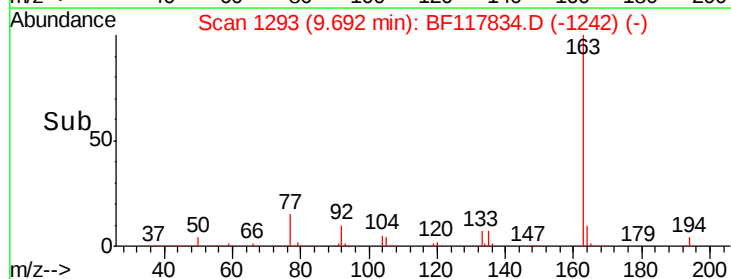
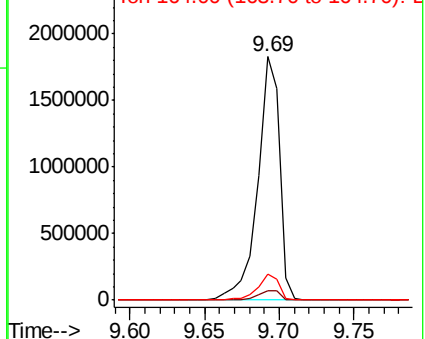


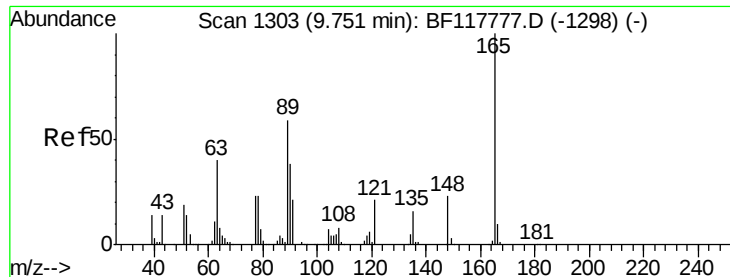
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.124 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

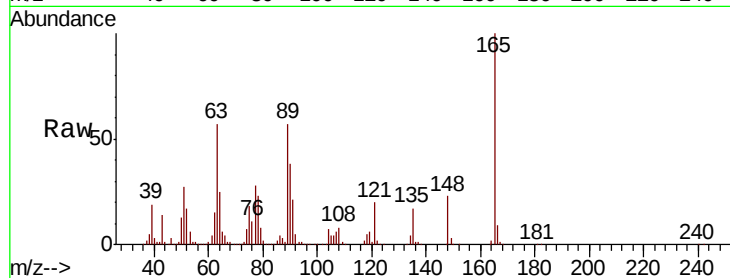
Tot Ion:165 Resp: 435670

Ion Ratio Lower Upper

165 100

63 56.6 46.0 69.0

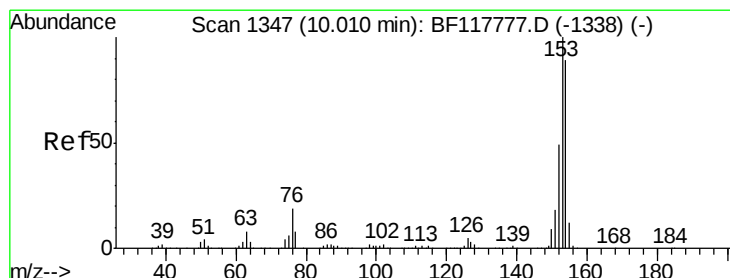
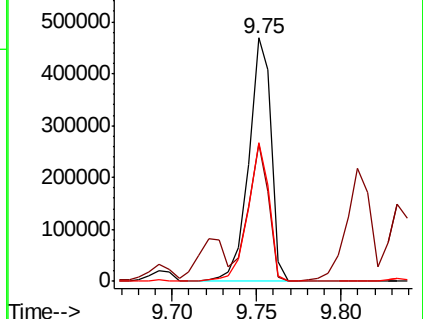
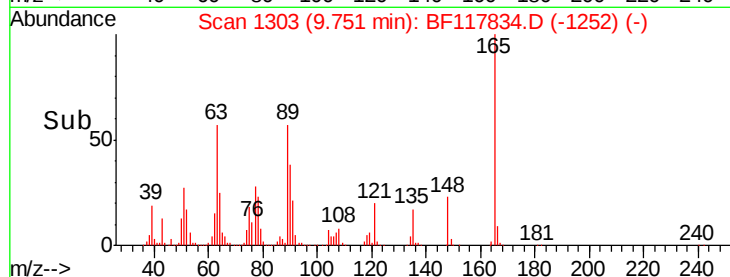
89 57.0 47.7 71.5



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



#52

Acenaphthene

Concen: 41.183 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

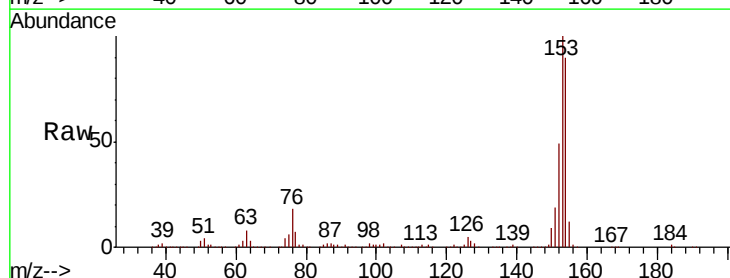
Tgt Ion:154 Resp: 1663180

Ion Ratio Lower Upper

154 100

153 110.7 90.1 135.1

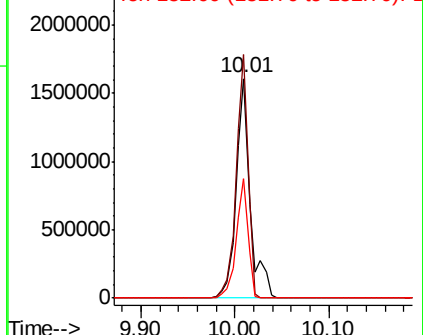
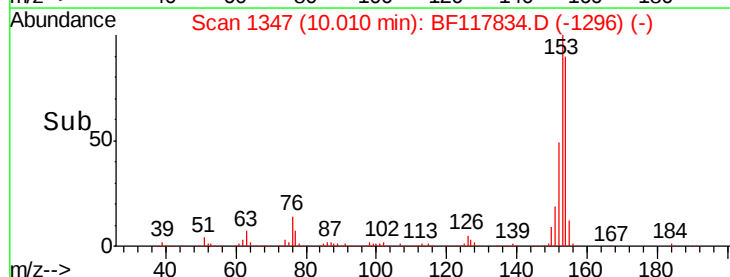
152 54.4 44.0 66.0

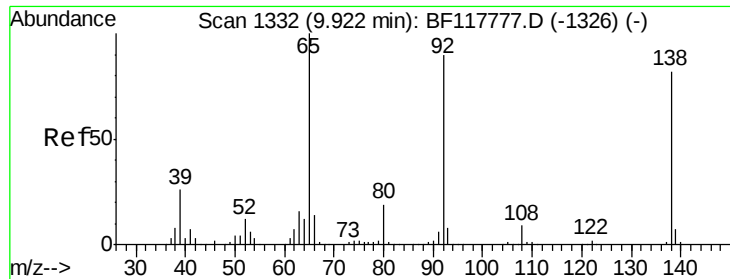


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

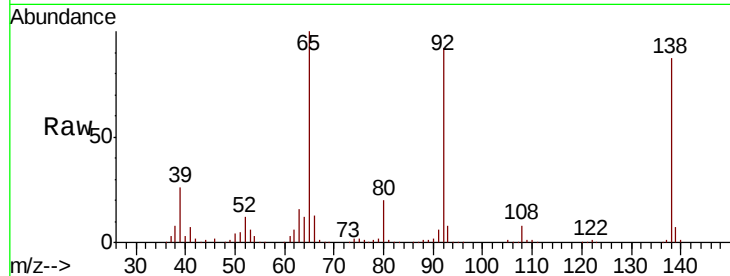




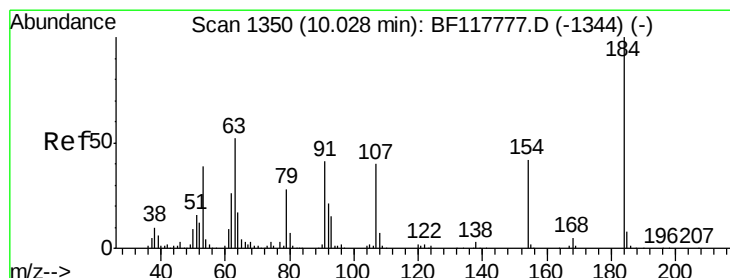
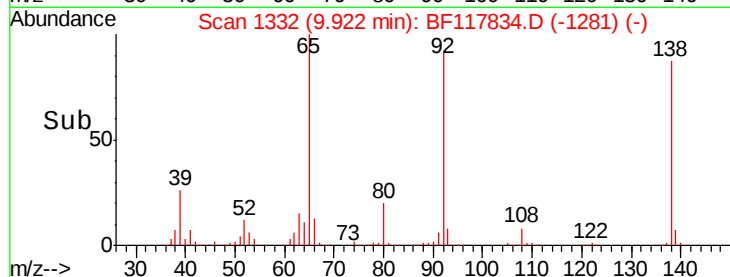
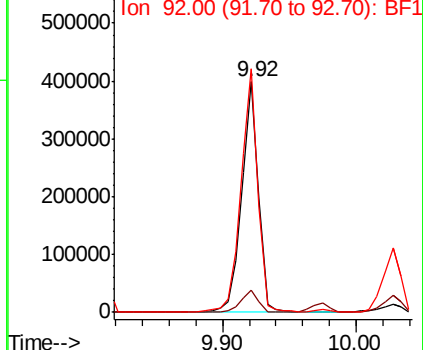
#53
3-Nitroaniline
Concen: 26.794 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 348127
Ion Ratio Lower Upper
138 100
108 9.7 8.6 12.8
92 105.6 87.9 131.9

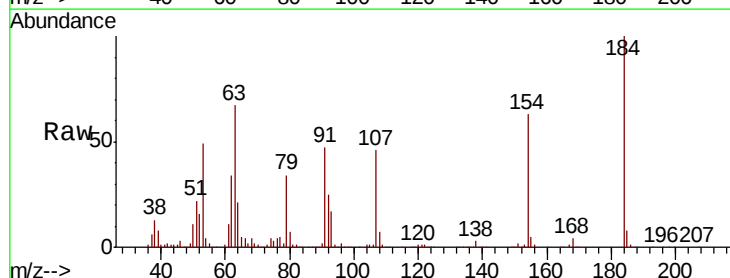


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

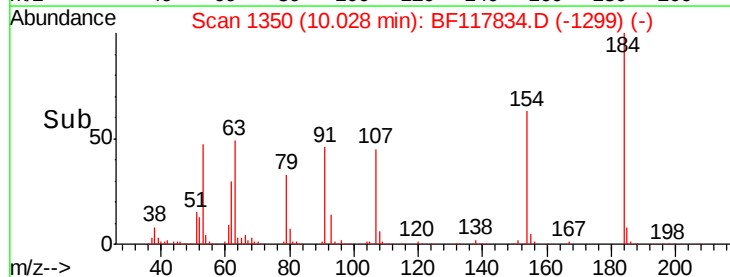
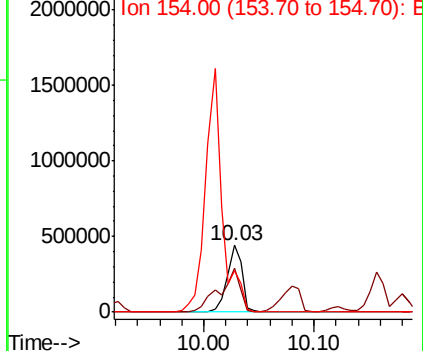


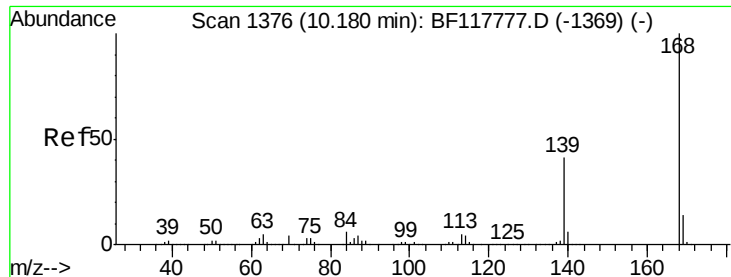
#54
2,4-Dinitrophenol
Concen: 76.116 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:184 Resp: 422507
Ion Ratio Lower Upper
184 100
63 66.8 43.0 64.6#
154 62.7 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

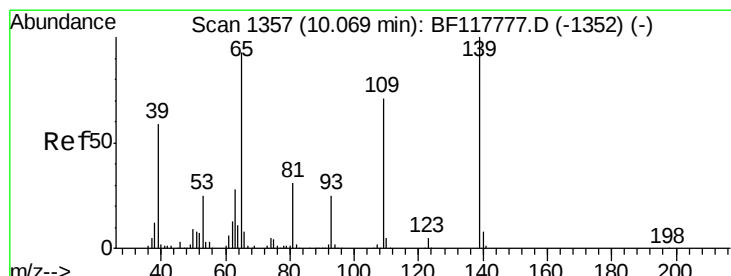
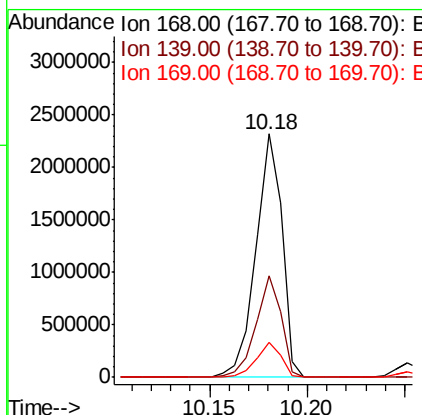
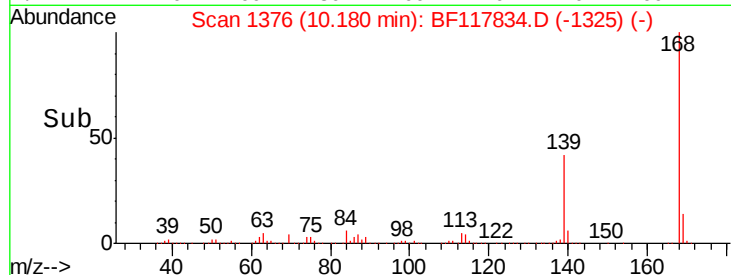
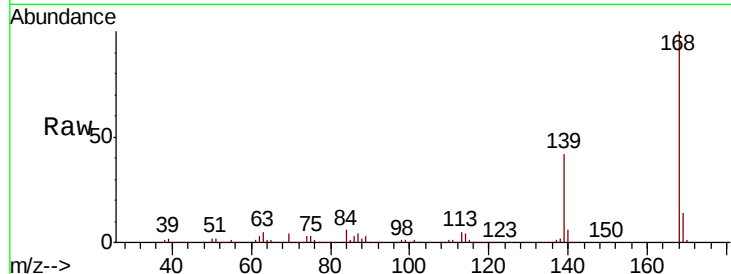




#55
Dibenzenofuran
Concen: 38.497 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

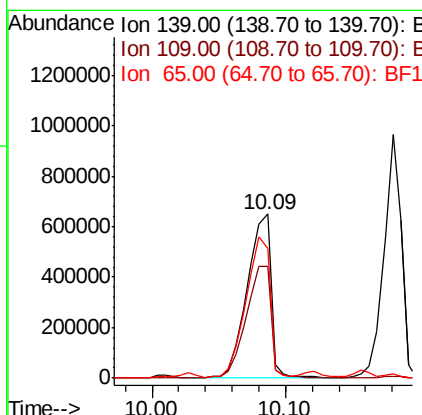
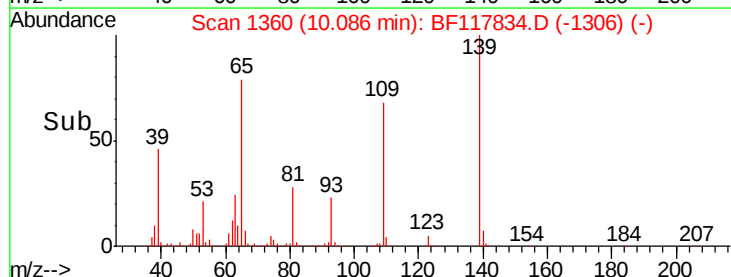
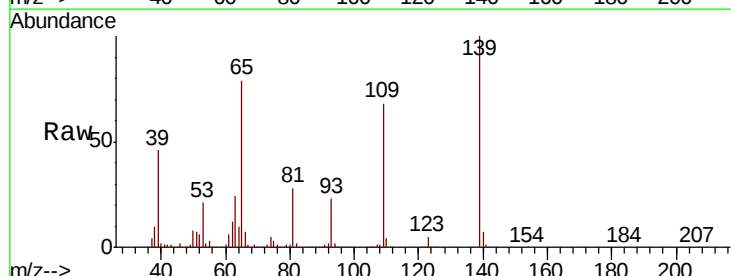
Instrument :
BNA_F
ClientSampleId :

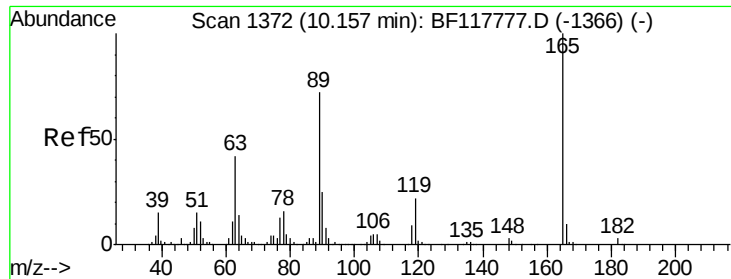
Tot Ion:168 Resp: 2152908
Ion Ratio Lower Upper
168 100
139 41.6 33.0 49.6
169 14.2 11.5 17.3



#56
4-Nitrophenol
Concen: 81.767 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.02 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:139 Resp: 792983
Ion Ratio Lower Upper
139 100
109 68.4 50.8 90.8
65 78.9 73.6 113.6

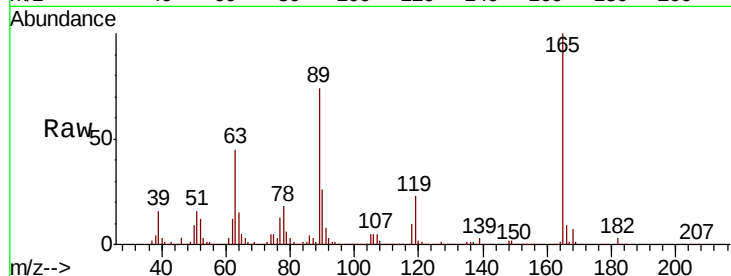




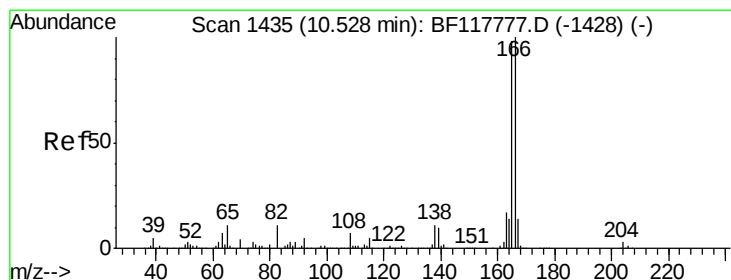
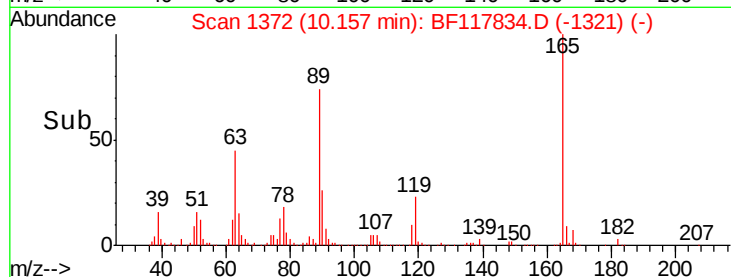
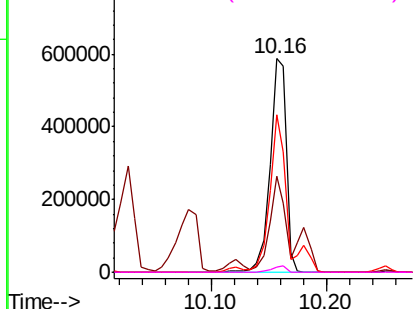
#57
2,4-Dinitrotoluene
Concen: 42.018 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 580365
Ion Ratio Lower Upper
165 100
63 44.8 33.7 50.5
89 73.7 57.3 85.9
182 2.7 2.3 3.5

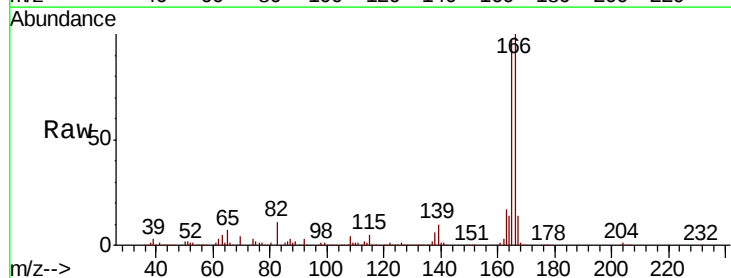


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

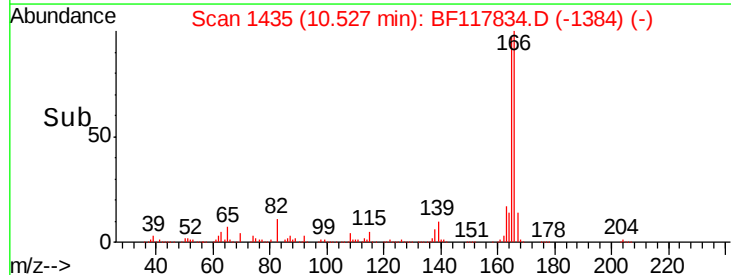
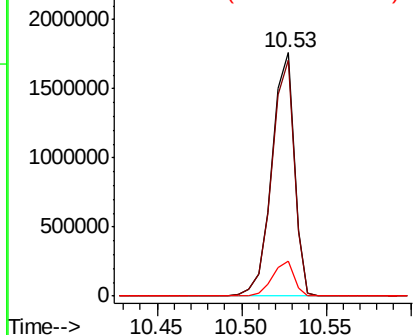


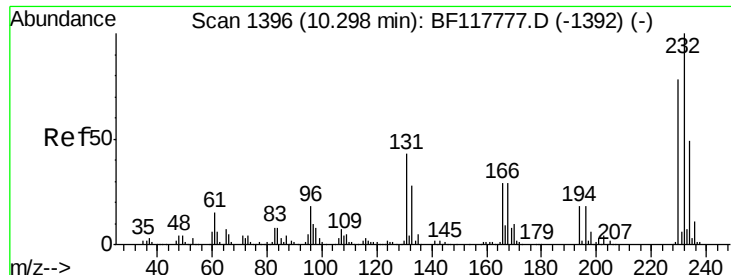
#58
Fluorene
Concen: 37.404 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:166 Resp: 1620953
Ion Ratio Lower Upper
166 100
165 96.8 78.4 117.6
167 14.2 11.0 16.4



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

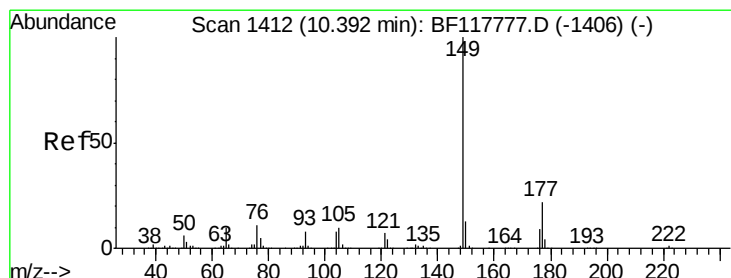
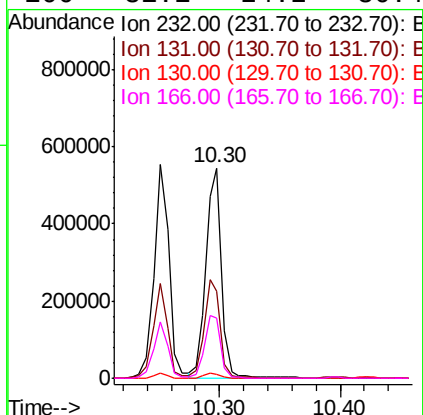
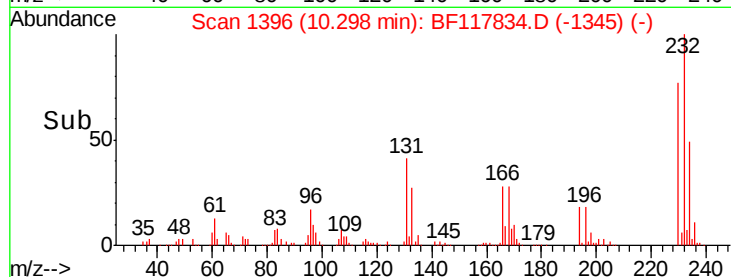
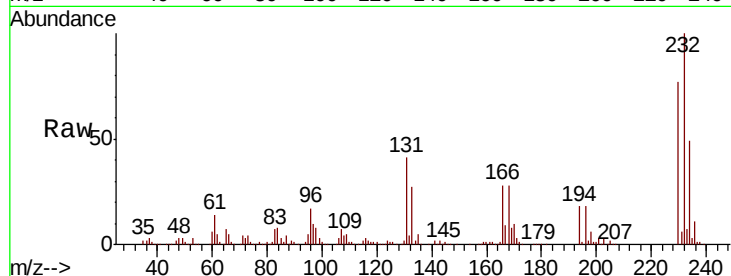




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.615 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

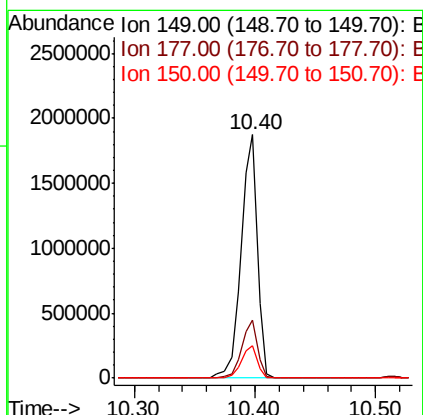
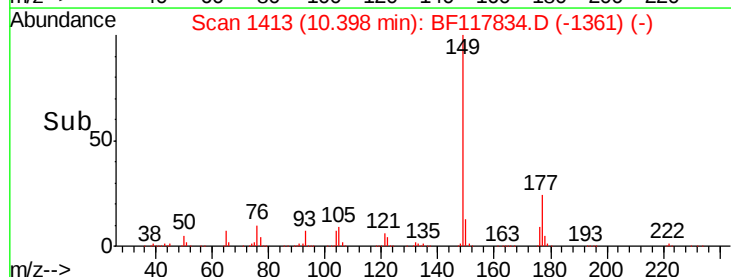
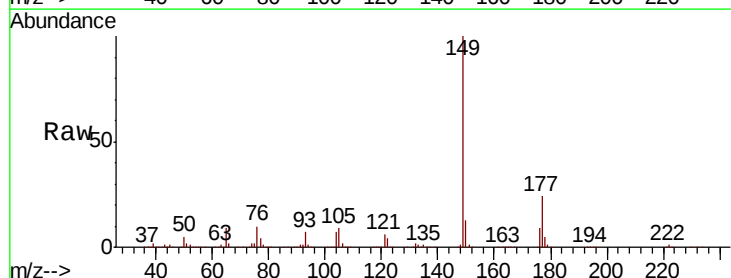
Instrument :
BNA_F
ClientSampleId :

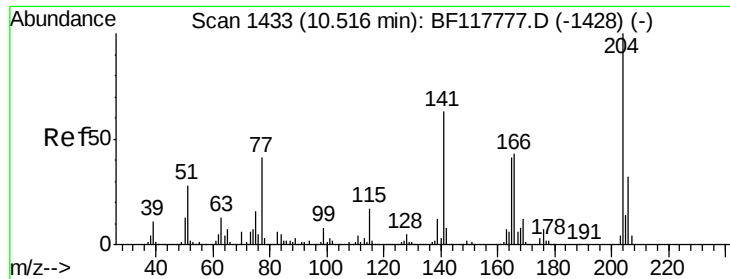
Tot Ion:232 Resp: 485477
Ion Ratio Lower Upper
232 100
131 47.8 37.6 56.4
130 2.3 1.9 2.9
166 31.1 24.2 36.4



#60
Diethylphthalate
Concen: 36.388 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:149 Resp: 1762492
Ion Ratio Lower Upper
149 100
177 23.9 18.0 27.0
150 13.3 10.5 15.7

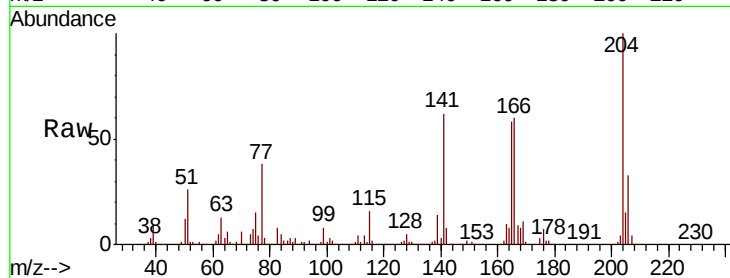




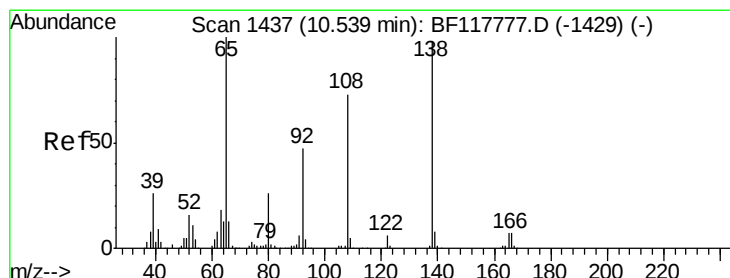
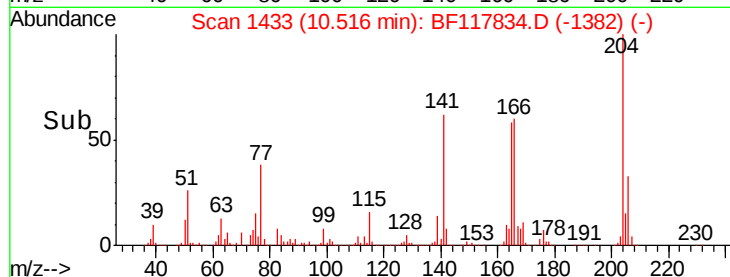
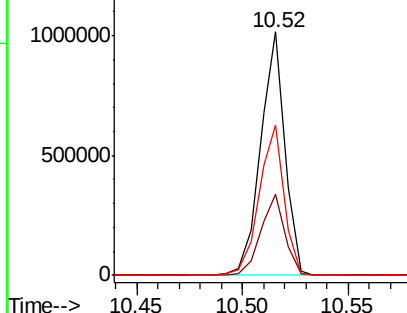
#61
4-Chlorophenyl-phenylether
Concen: 36.976 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 813199
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 61.5 50.7 76.1

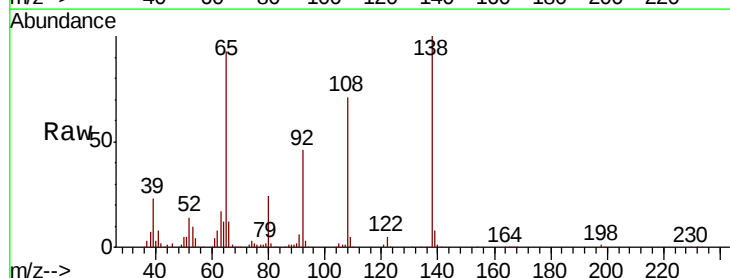


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

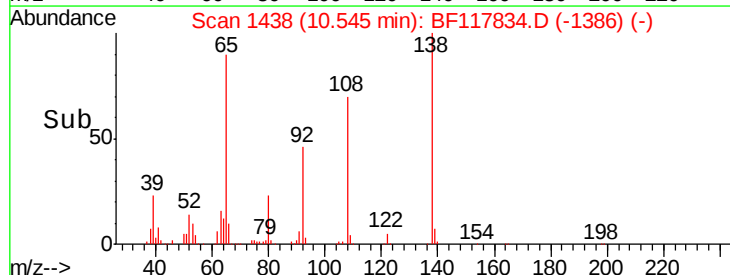
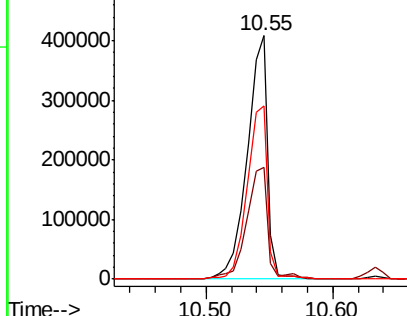


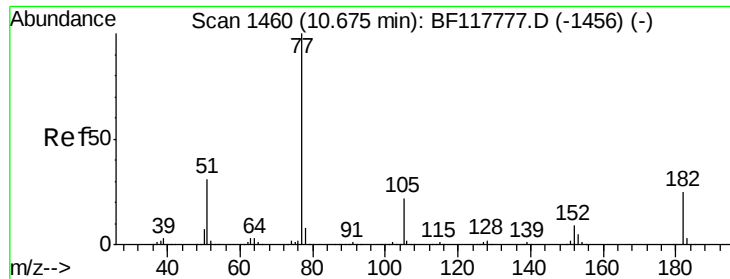
#62
4-Nitroaniline
Concen: 35.025 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:138 Resp: 455631
Ion Ratio Lower Upper
138 100
92 45.9 28.3 68.3
108 71.1 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

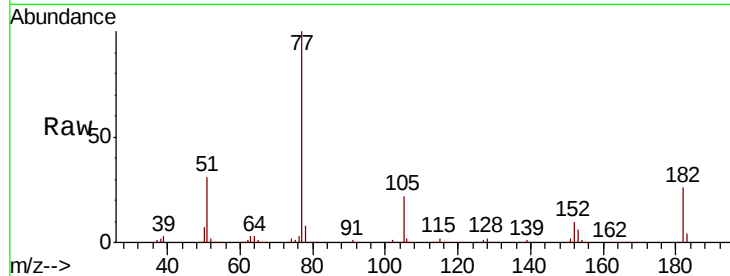




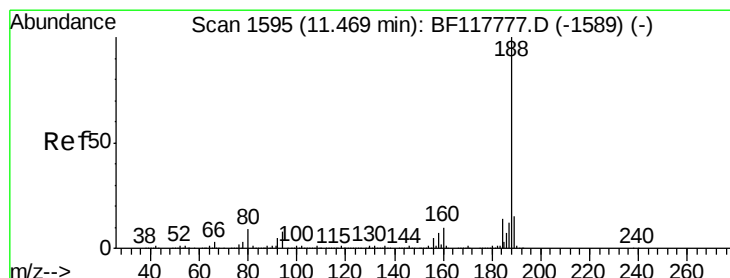
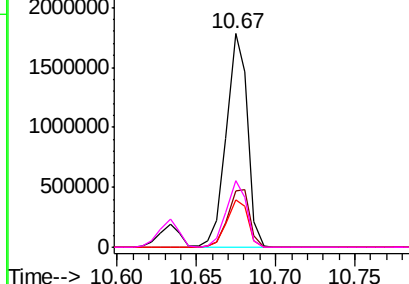
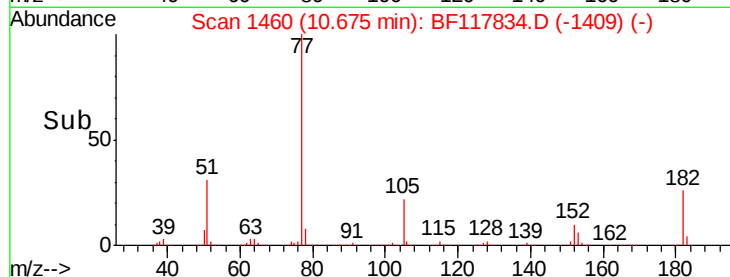
#63
Azobenzene
Concen: 37.426 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1649205
Ion Ratio Lower Upper
77 100
182 26.4 4.8 44.8
105 22.4 2.1 42.1
51 31.3 11.4 51.4

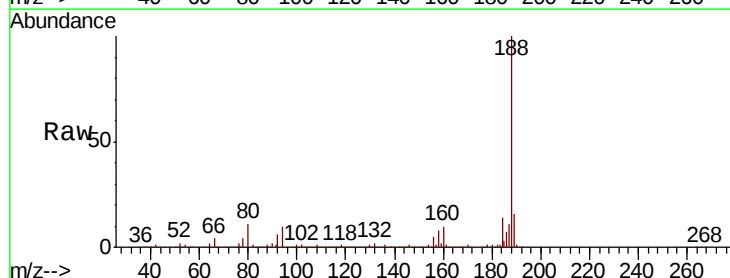


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

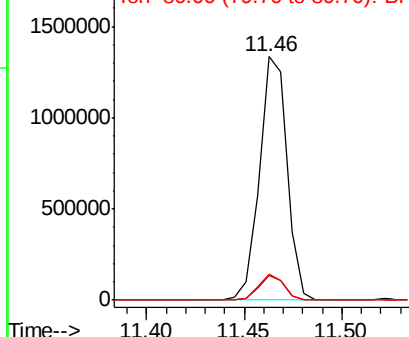
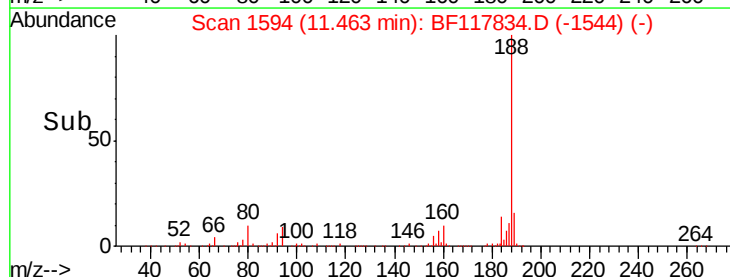


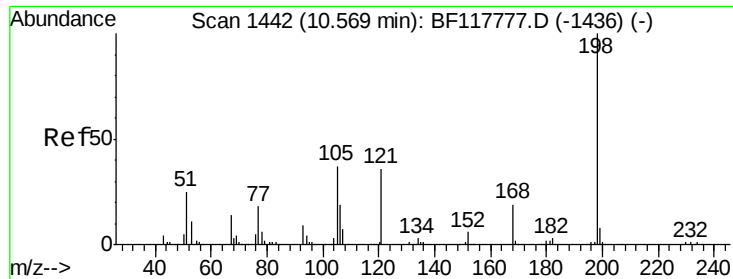
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion: 188 Resp: 1307811
Ion Ratio Lower Upper
188 100
94 10.0 6.6 10.0#
80 10.6 7.2 10.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.817 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

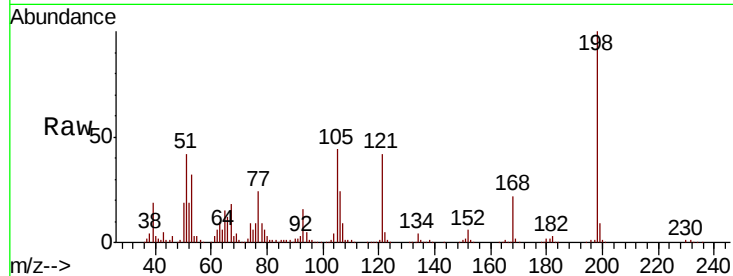
Tot Ion:198 Resp: 285834

Ion Ratio Lower Upper

198 100

51 42.4 16.0 56.0

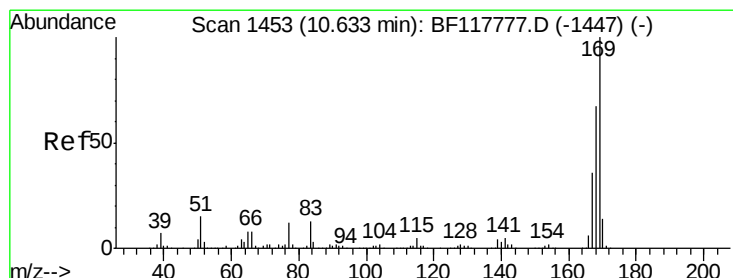
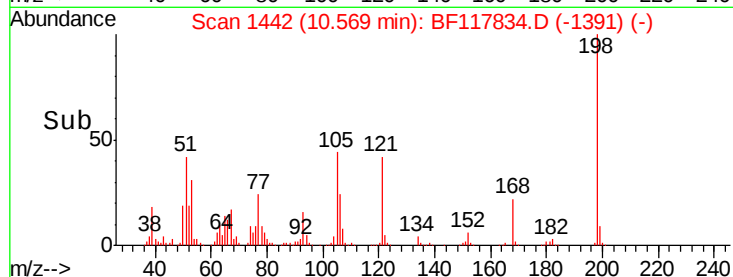
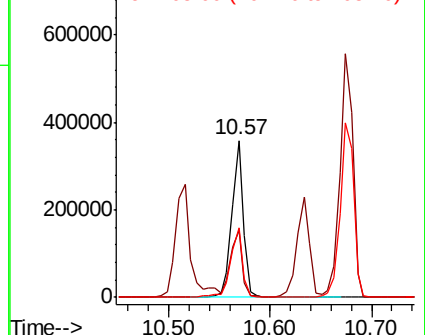
105 44.2 19.1 59.1



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: 39.185 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

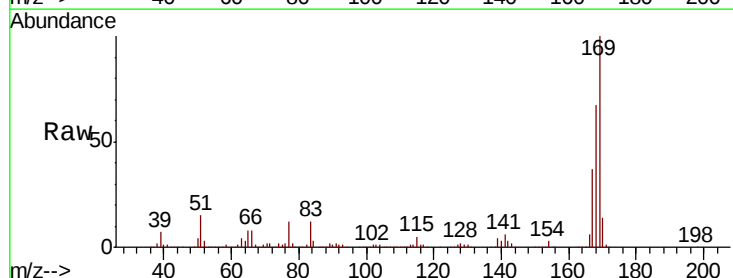
Tgt Ion:169 Resp: 1491438

Ion Ratio Lower Upper

169 100

168 67.0 53.5 80.3

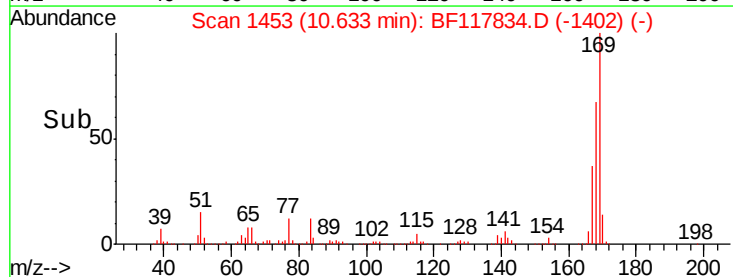
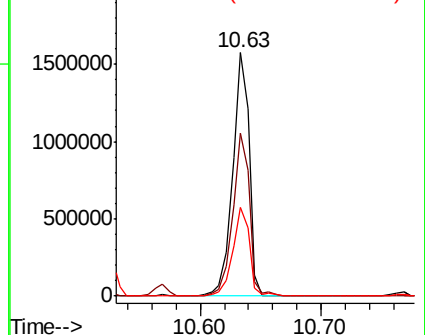
167 36.6 29.0 43.4



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

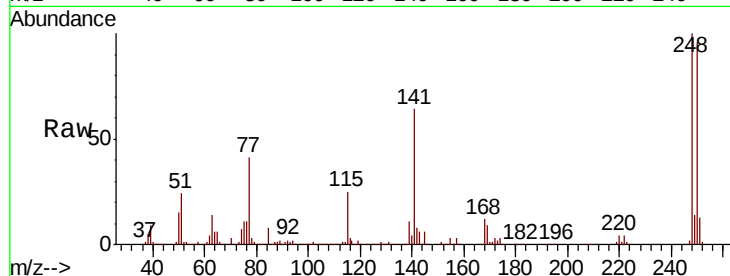




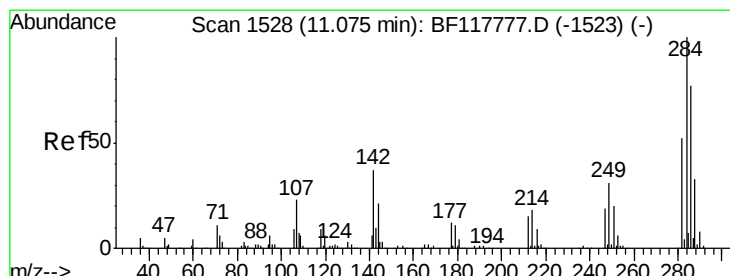
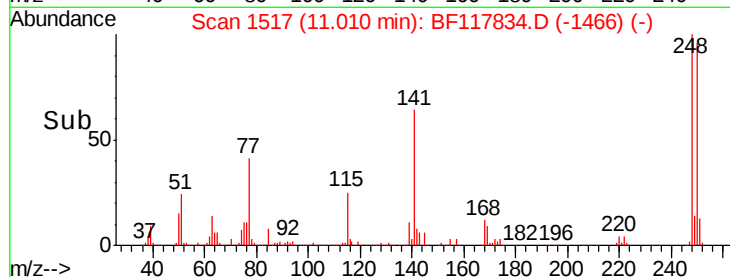
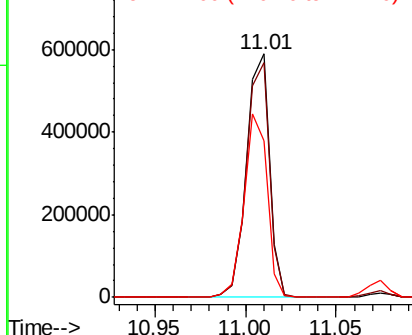
#67
4-Bromophenyl-phenylether
Concen: 36.867 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.6	115.0
141	64.1	55.9	83.9

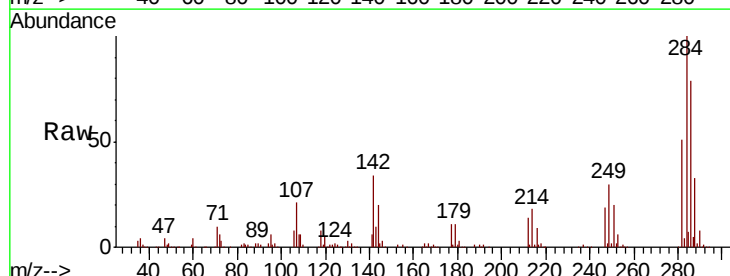


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

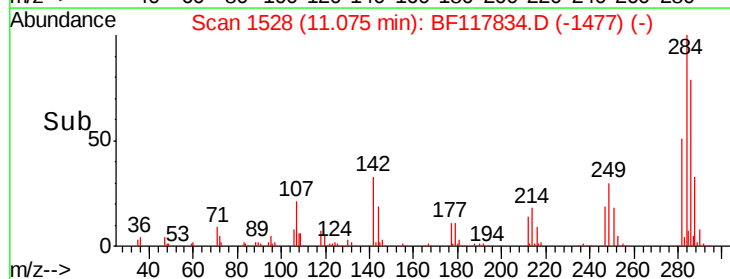
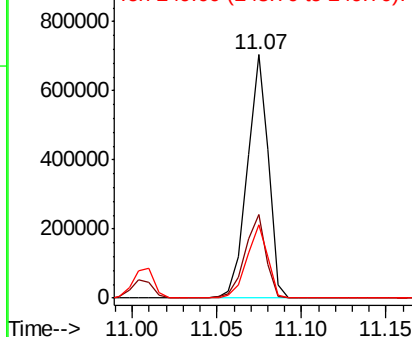


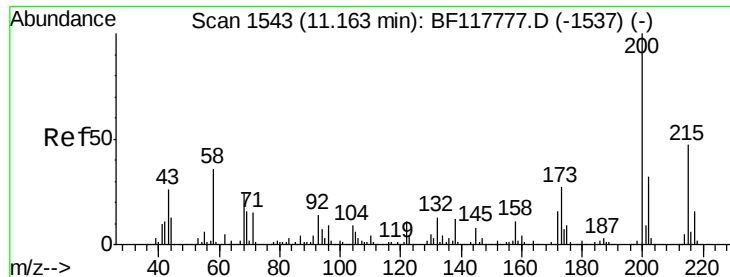
#68
Hexachlorobenzene
Concen: 37.343 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	29.4	44.2
249	30.3	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

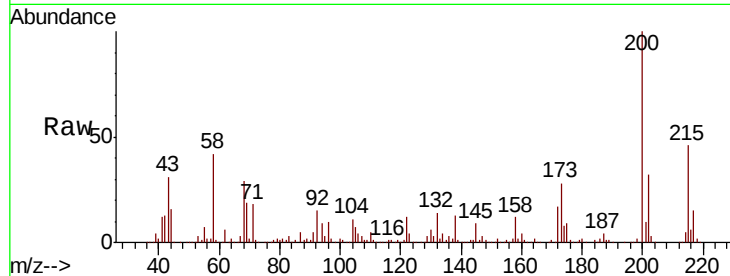




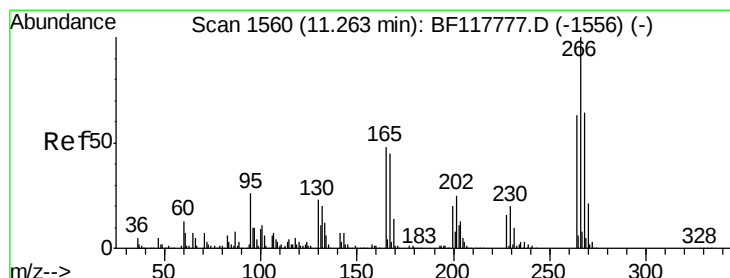
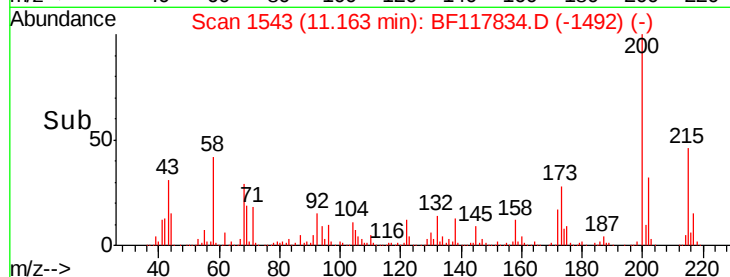
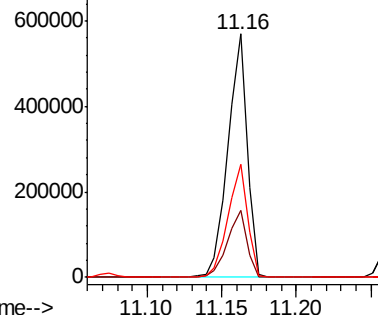
#69
 Atrazine
 Concen: 40.580 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.7	46.7
215	46.4	27.5	67.5

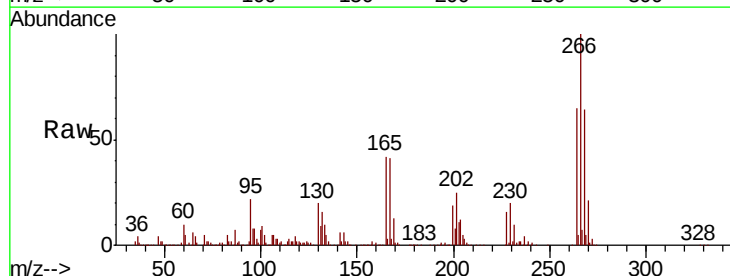


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

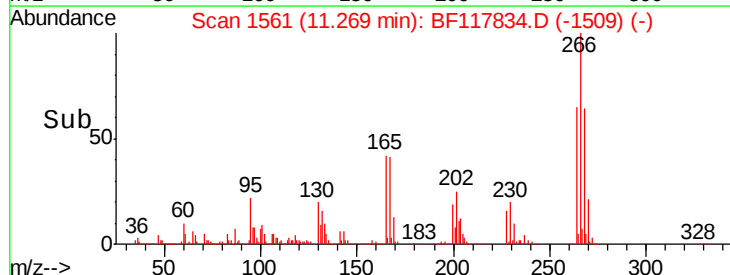
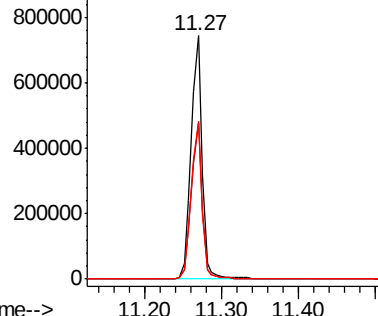


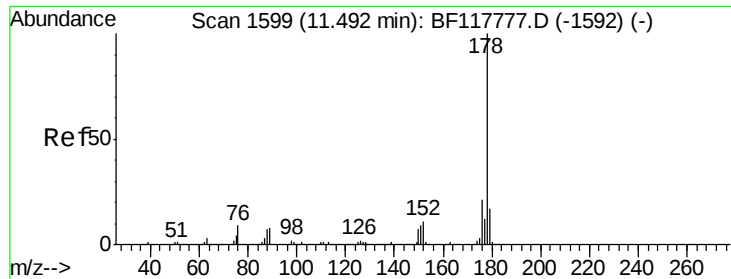
#70
 Pentachlorophenol
 Concen: 76.073 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.8	76.2
264	64.8	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: 37.239 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

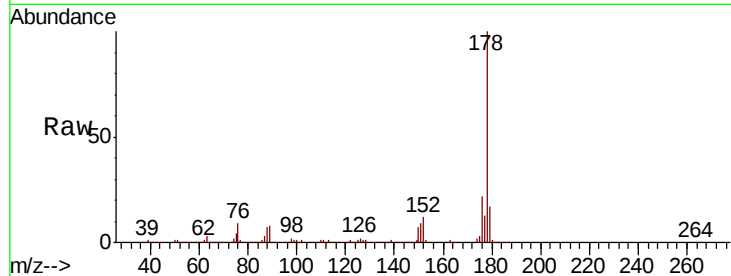
Tot Ion:178 Resp: 2448581

Ion Ratio Lower Upper

178 100

176 21.8 16.6 25.0

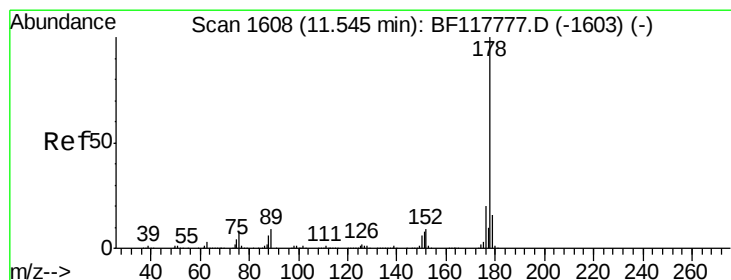
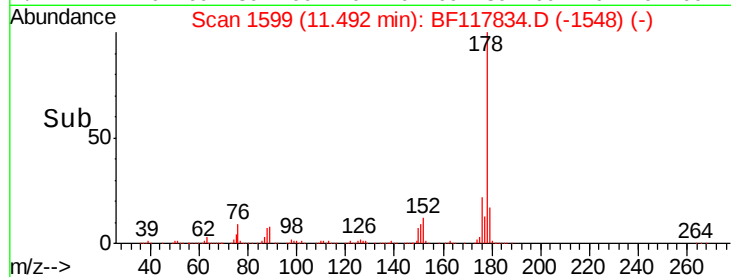
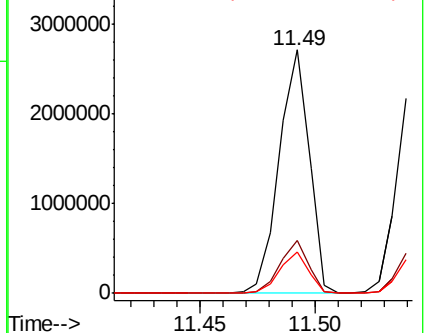
179 17.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.020 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

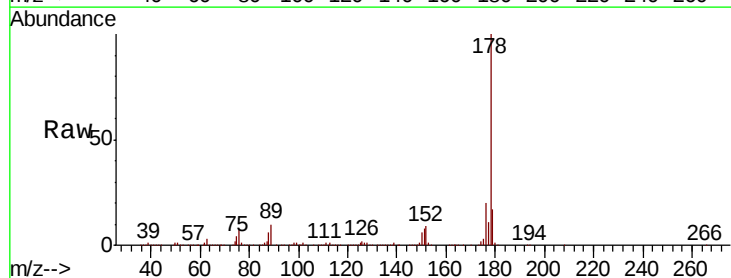
Tgt Ion:178 Resp: 2478620

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

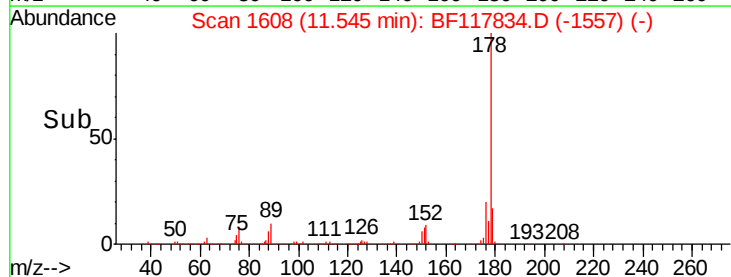
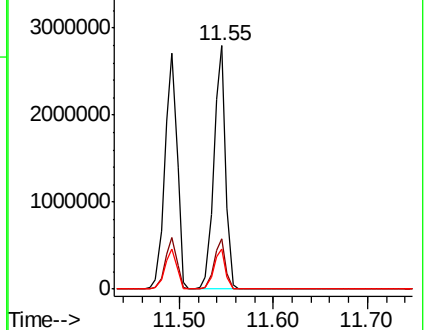
179 16.6 13.0 19.4

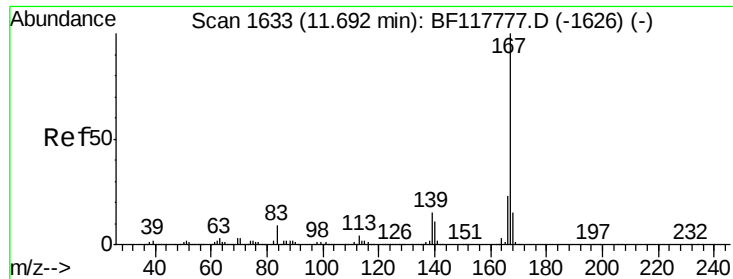


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

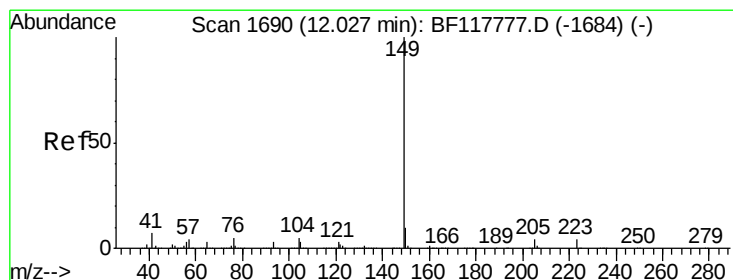
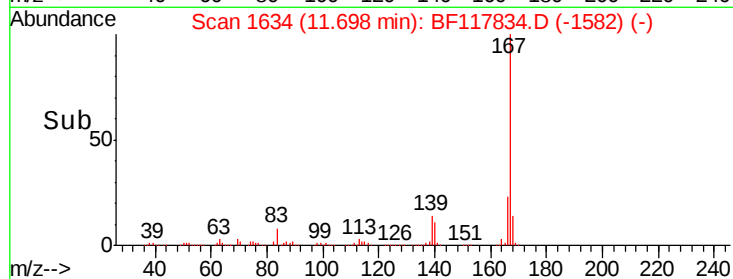
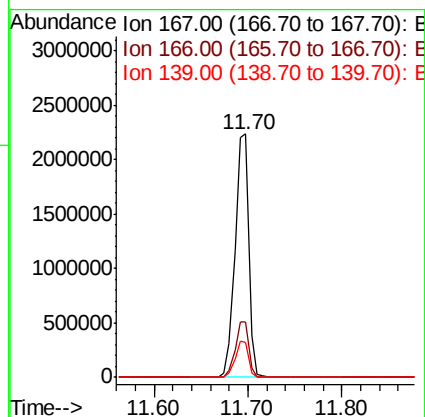
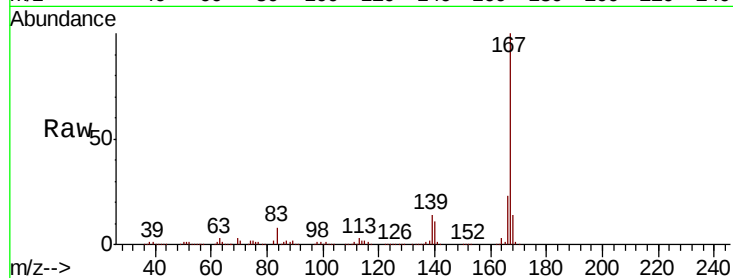




#73
 Carbazole
 Concen: 39.880 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

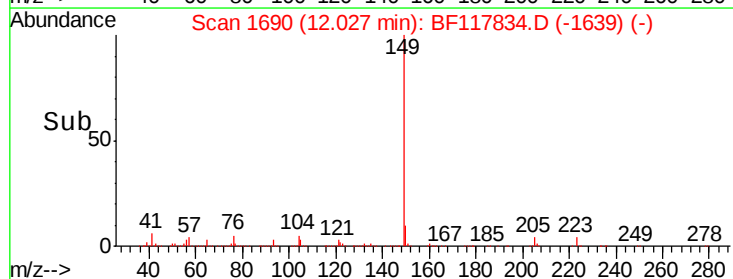
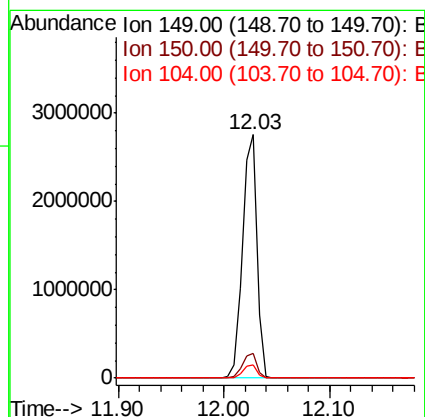
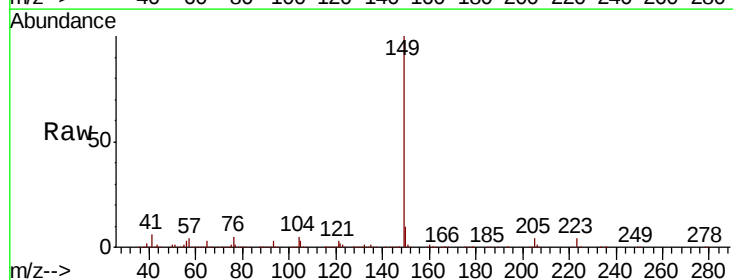
Instrument :
 BNA_F
 ClientSampleId :

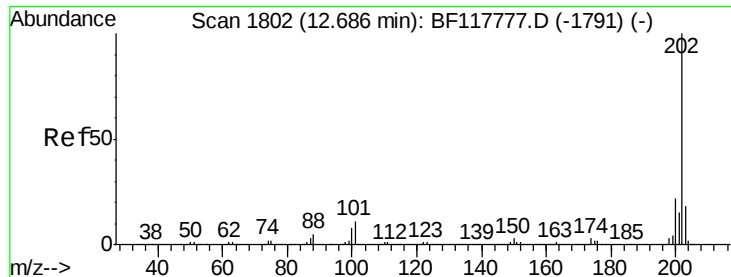
Tot Ion:167 Resp: 2271902
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 14.2 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 35.674 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

Tgt Ion:149 Resp: 2530339
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.9 11.9
 104 5.4 4.2 6.4



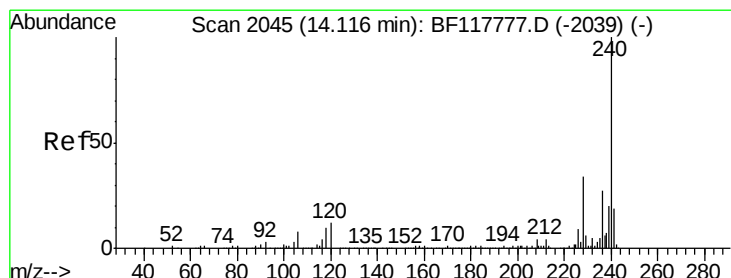
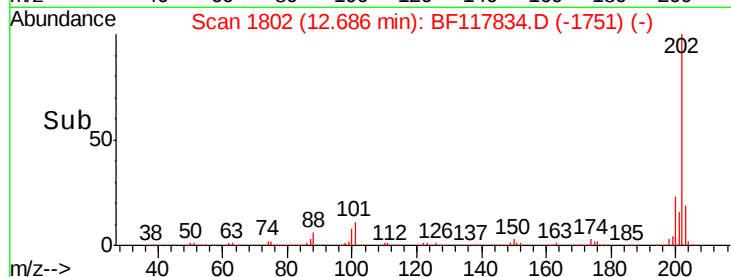
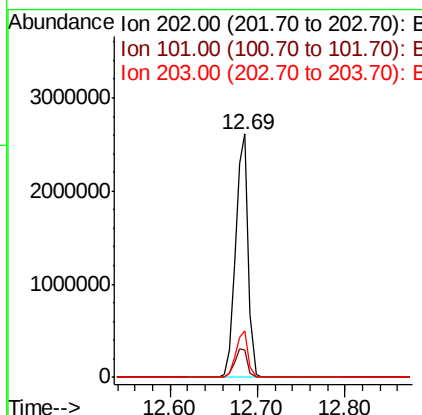
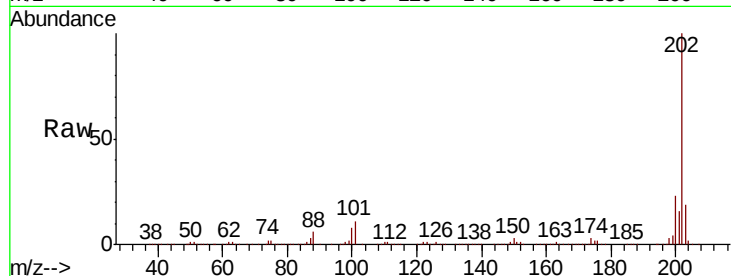


#75
 Fluoranthene
 Concen: 41.786 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2534190

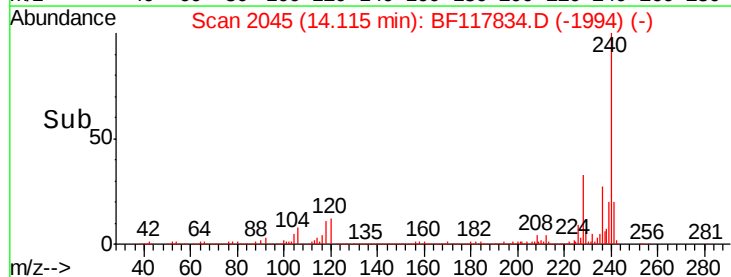
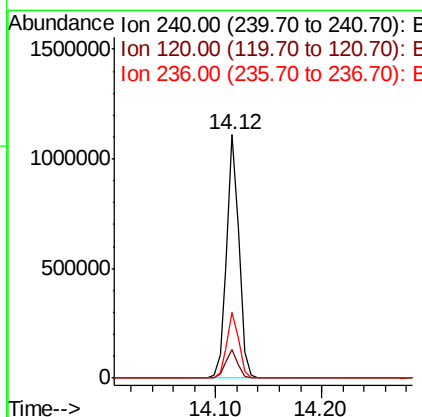
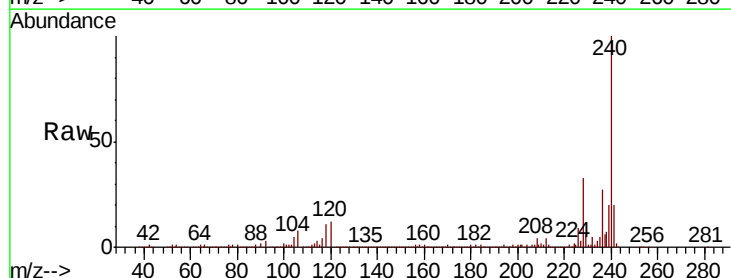
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.1
203	18.8	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117834.D
 Acq: 18 Nov 2019 14:43

Tgt Ion:240 Resp: 903581

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.9	21.3	31.9





#77

Benzidine

Concen: 22.835 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

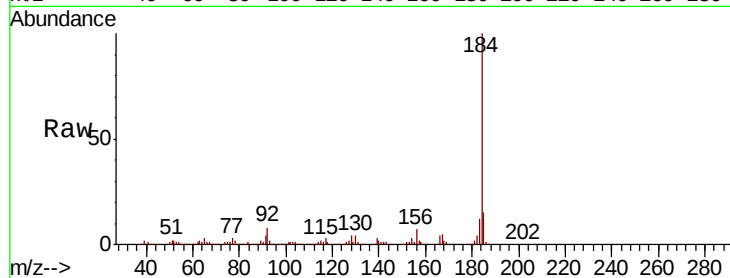
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 675859

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.4
183	11.8	9.5	14.3

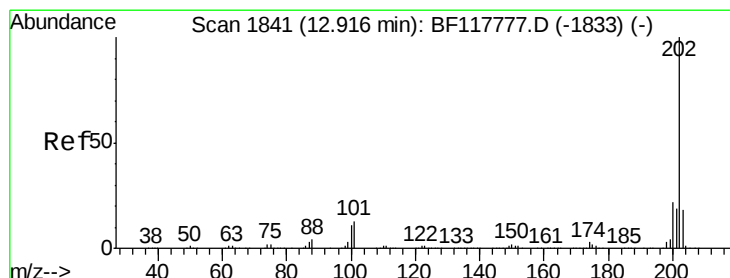
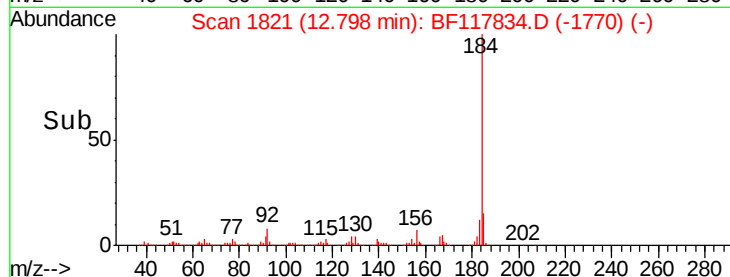
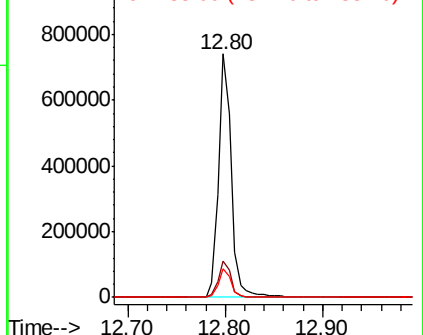


Abundance

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: 34.904 ng

RT: 12.92 min Scan# 1841

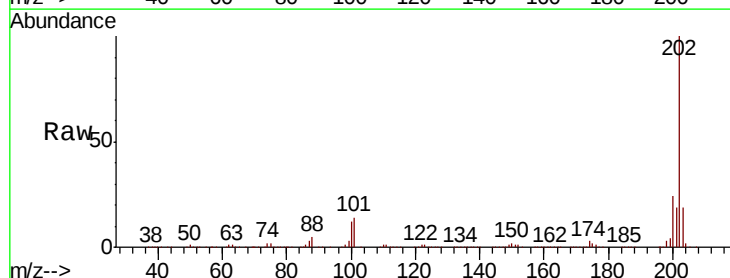
Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Tgt Ion:202 Resp: 2548803

Ion	Ratio	Lower	Upper
202	100		
200	24.0	17.8	26.8
203	19.0	14.6	22.0

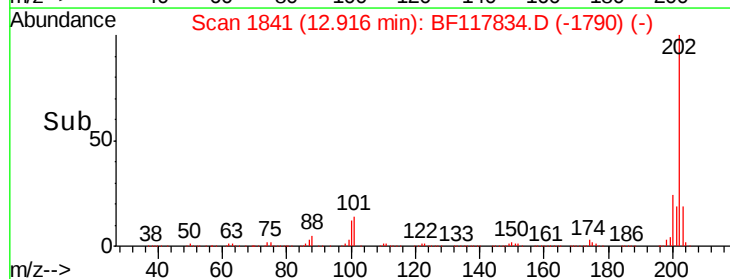
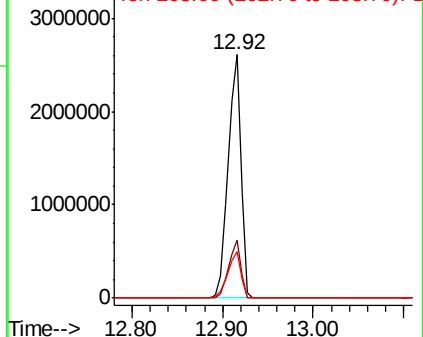


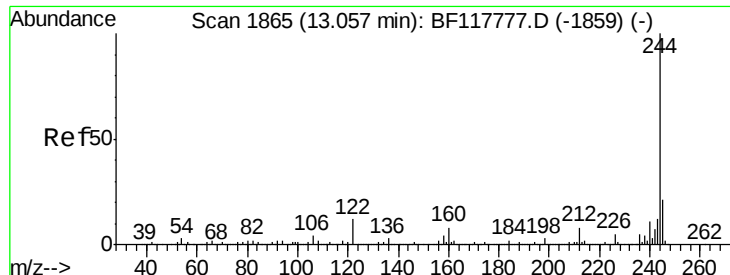
Abundance

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: 56.065 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

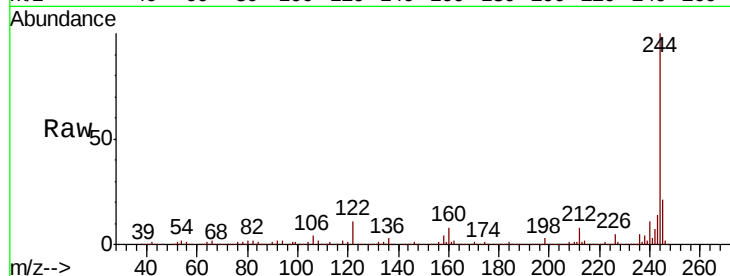
Tot Ion:244 Resp: 2771875

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

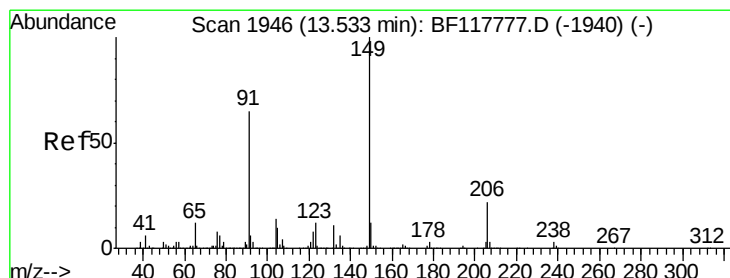
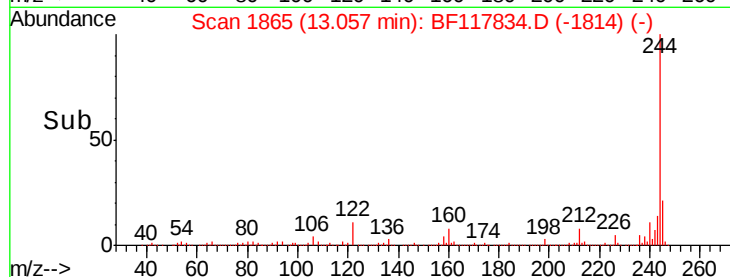
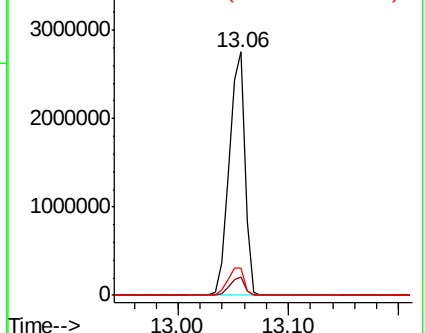
122 11.2 9.4 14.2



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: 35.038 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

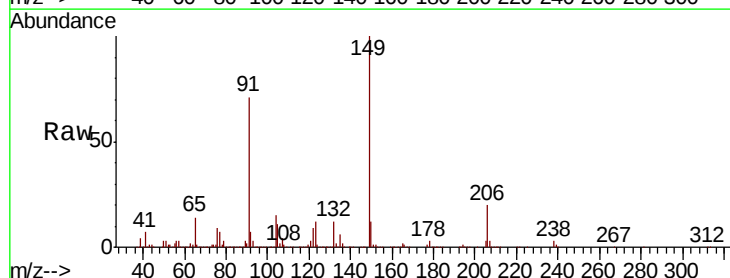
Tgt Ion:149 Resp: 1098908

Ion Ratio Lower Upper

149 100

91 71.3 51.9 77.9

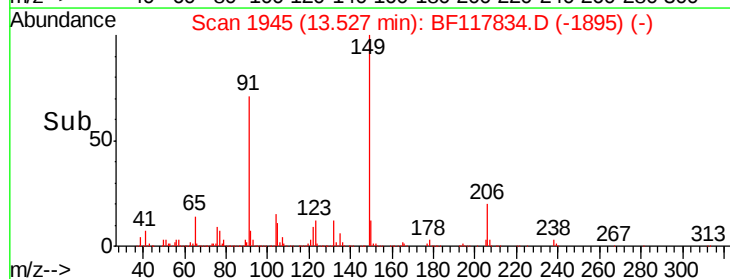
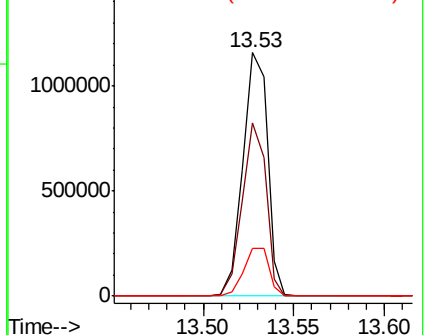
206 19.7 17.2 25.8

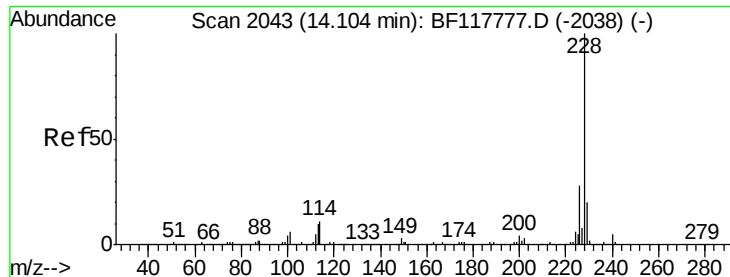


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.387 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampleId :

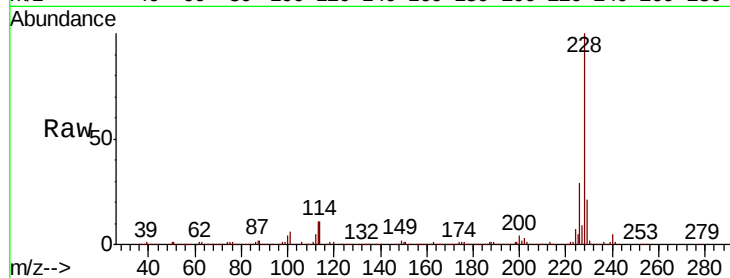
Tot Ion:228 Resp: 2172642

Ion Ratio Lower Upper

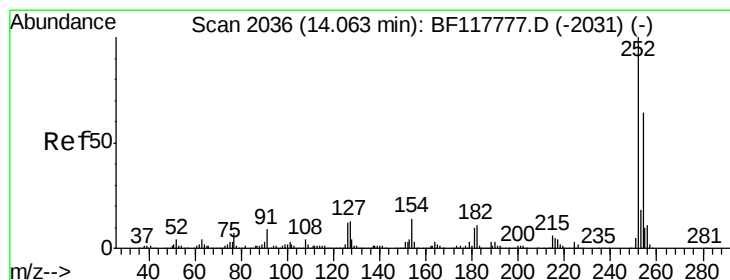
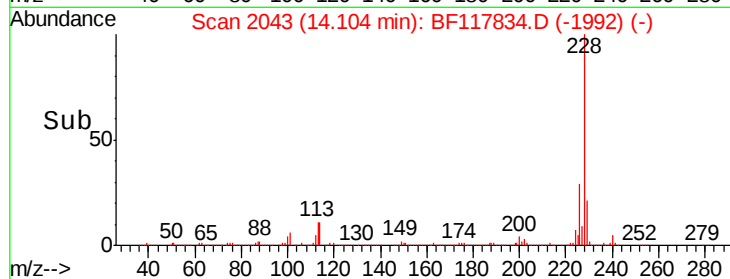
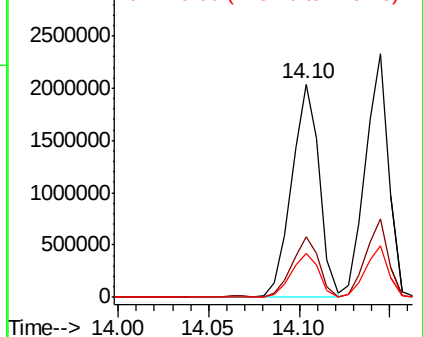
228 100

226 28.6 22.2 33.2

229 20.8 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: 35.041 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

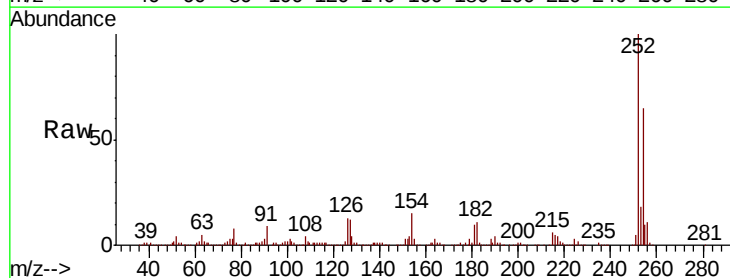
Tgt Ion:252 Resp: 731872

Ion Ratio Lower Upper

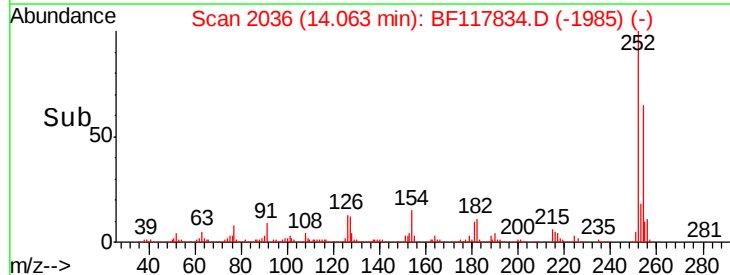
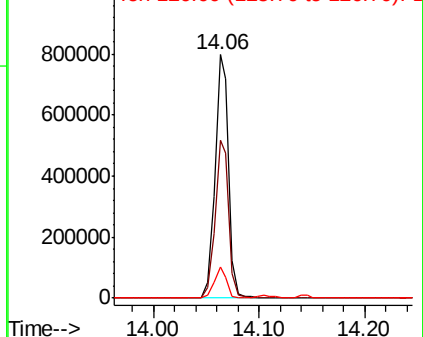
252 100

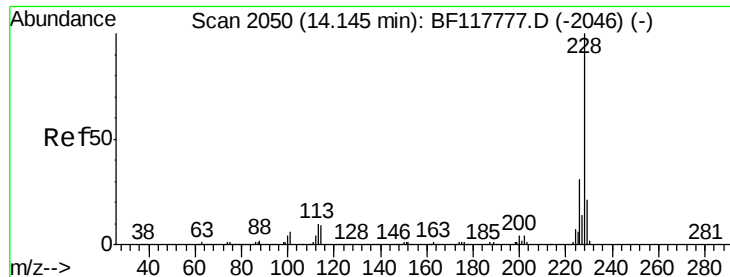
254 64.9 51.0 76.6

126 12.7 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: 36.111 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

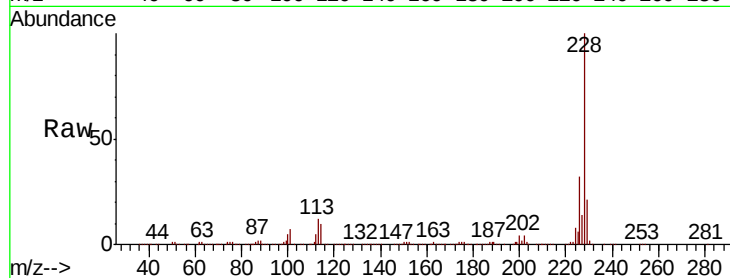
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2089357

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.4
229	21.1	16.6	25.0

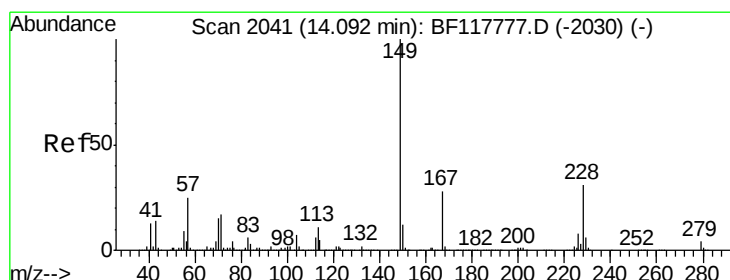
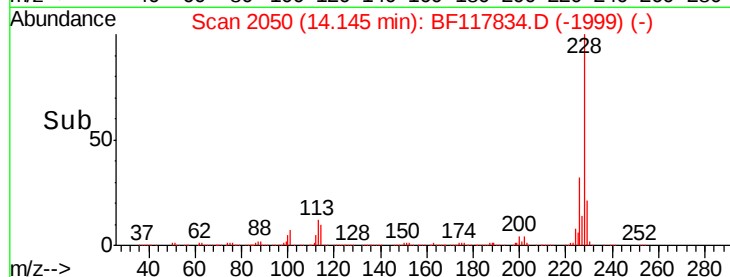
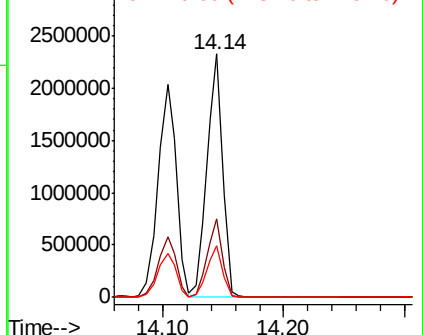


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.377 ng

RT: 14.09 min Scan# 2040

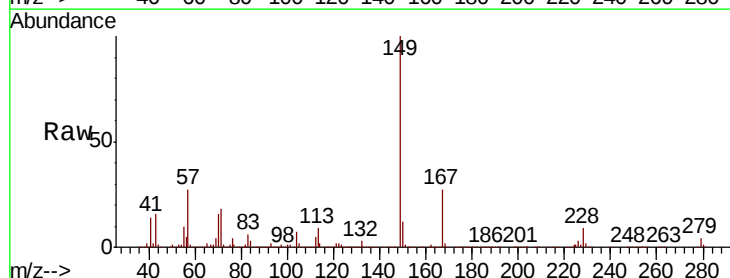
Delta R.T. -0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Tgt Ion:149 Resp: 1421226

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	3.7	3.4	5.2

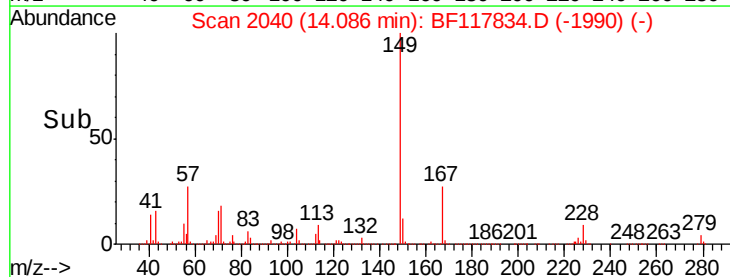
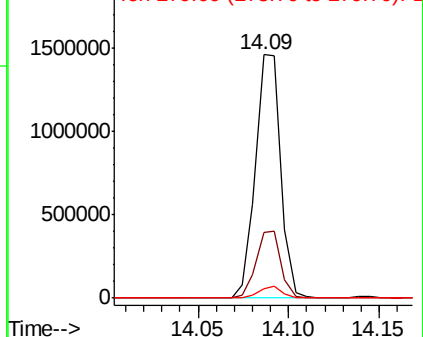


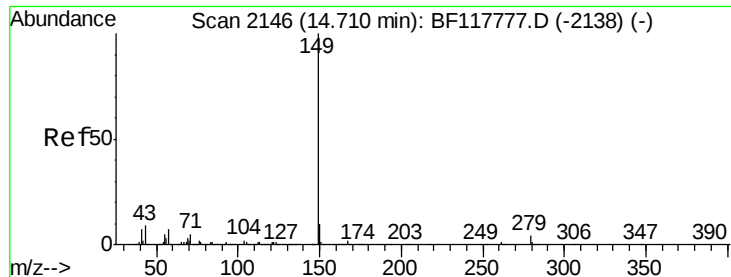
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

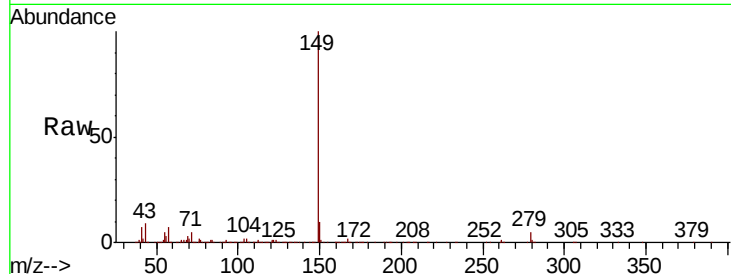




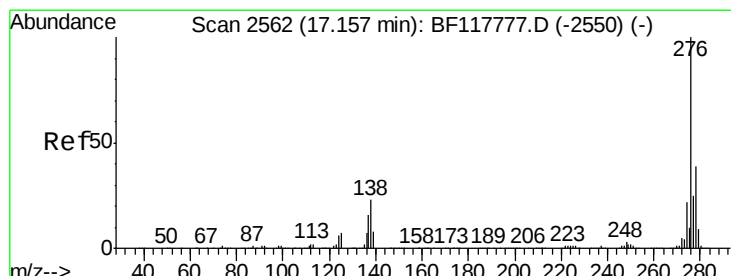
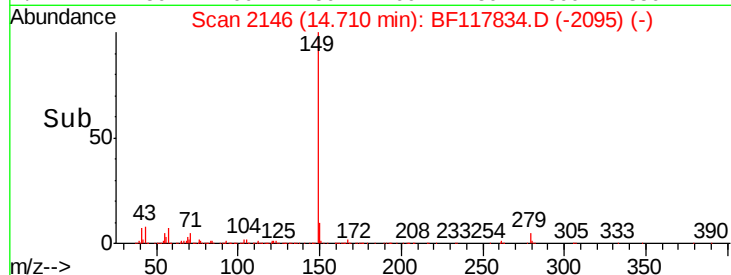
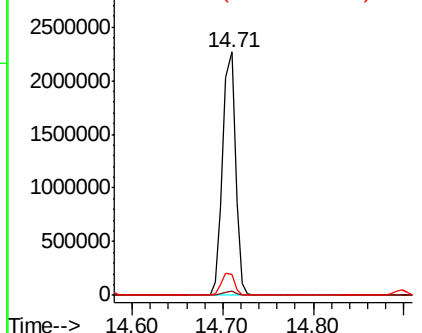
#85
Di-n-octyl phthalate
Concen: 39.719 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2218715
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 7.4 11.2

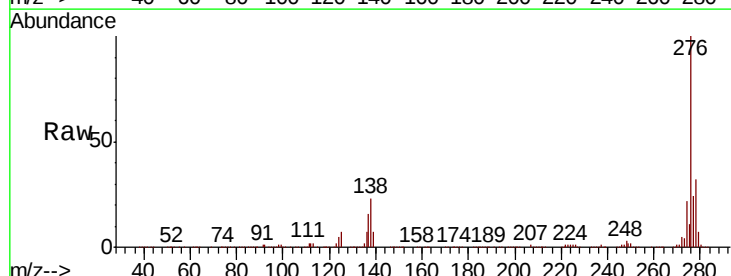


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

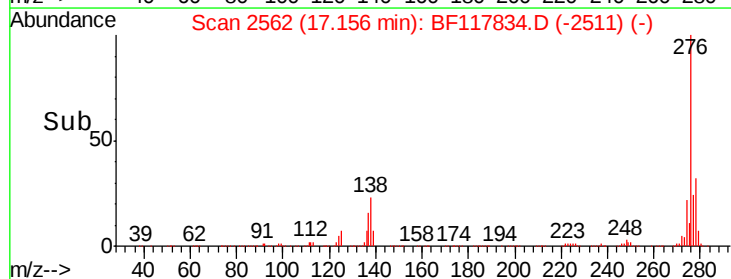
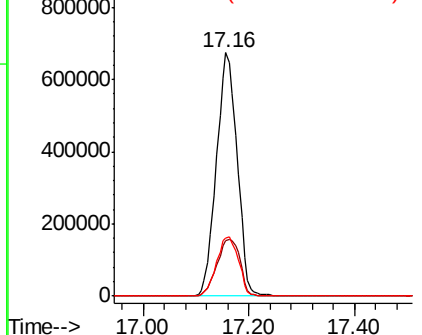


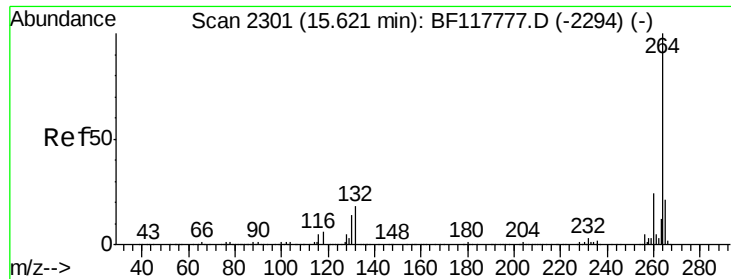
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.491 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:276 Resp: 1846217
Ion Ratio Lower Upper
276 100
138 25.9 20.9 31.3
277 25.8 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



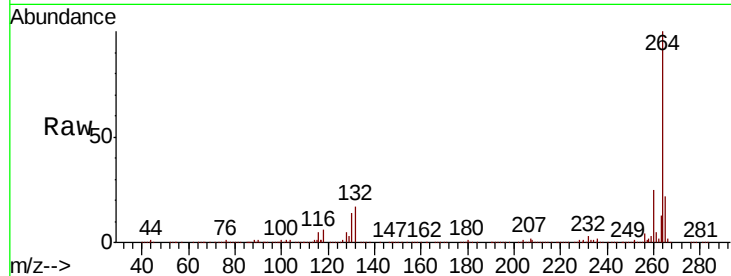


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

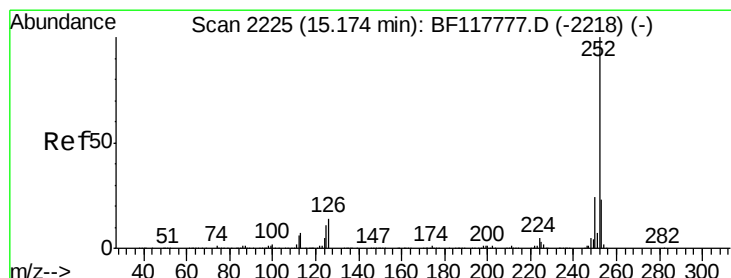
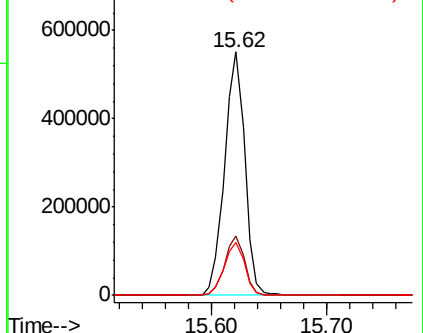
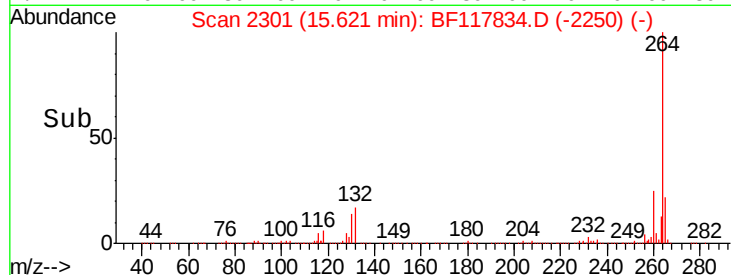
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 672435

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.0	17.1	25.7



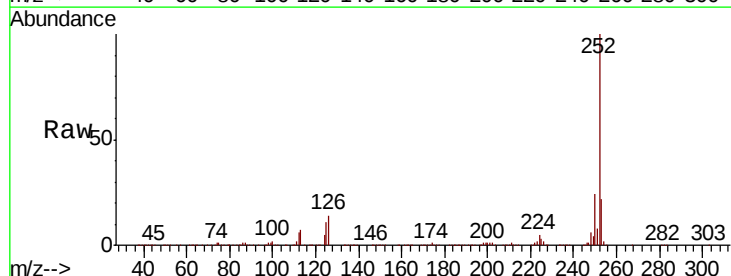
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



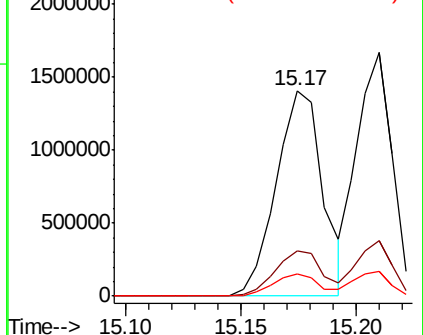
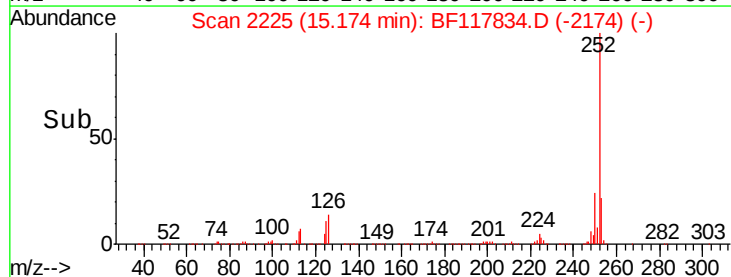
#88
Benzo(b)fluoranthene
Concen: 45.289 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

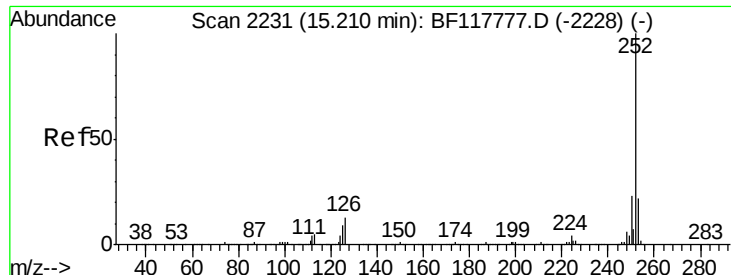
Tgt Ion:252 Resp: 1978580

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.0	8.6	13.0



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

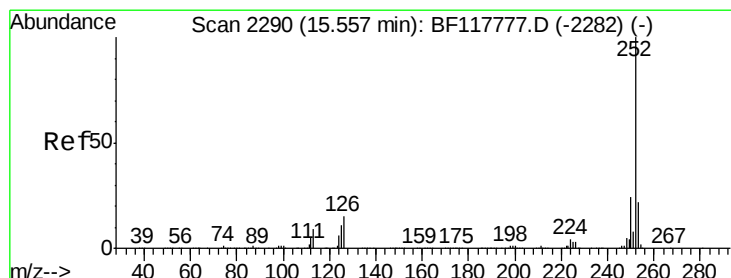
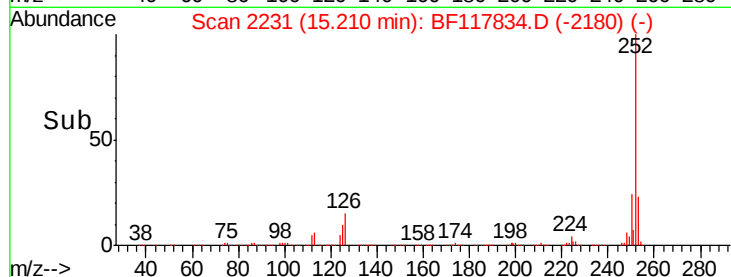
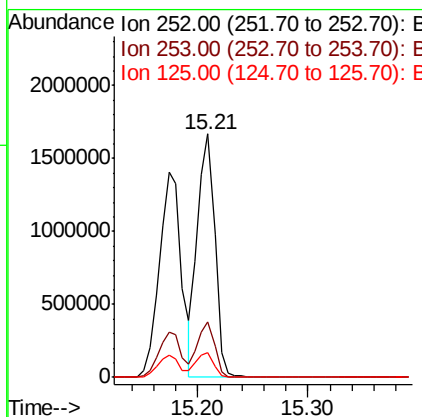
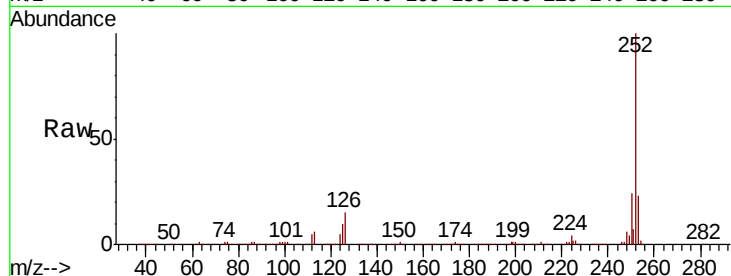




#89
Benzo(k)fluoranthene
Concen: 43.538 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

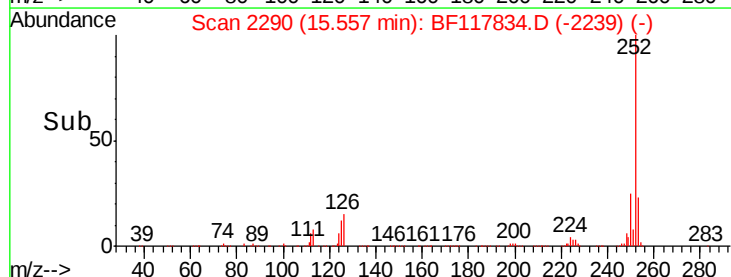
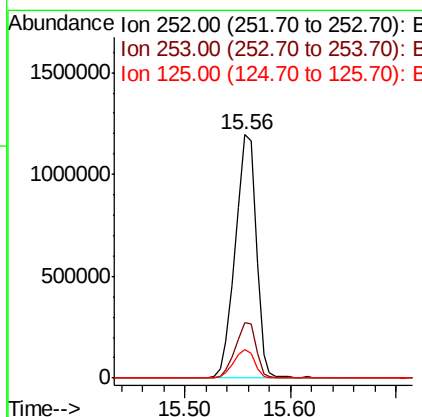
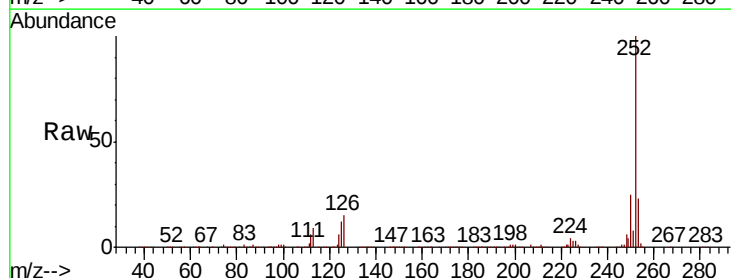
Instrument :
BNA_F
ClientSampleId :

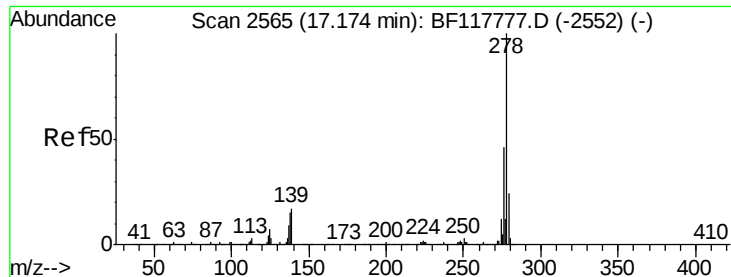
Tot Ion:252 Resp: 1792228
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.4 7.9 11.9



#90
Benzo(a)pyrene
Concen: 42.635 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117834.D
Acq: 18 Nov 2019 14:43

Tgt Ion:252 Resp: 1637918
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 46.452 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

Instrument :

BNA_F

ClientSampled :

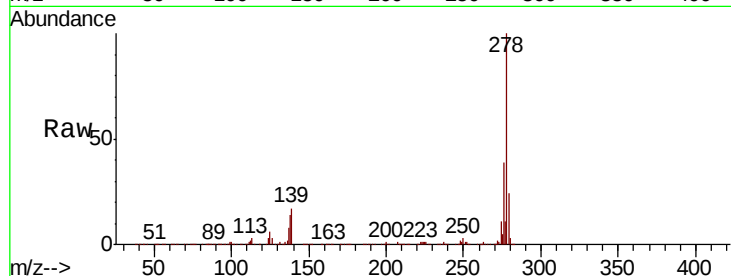
Tot Ion:278 Resp: 1535993

Ion Ratio Lower Upper

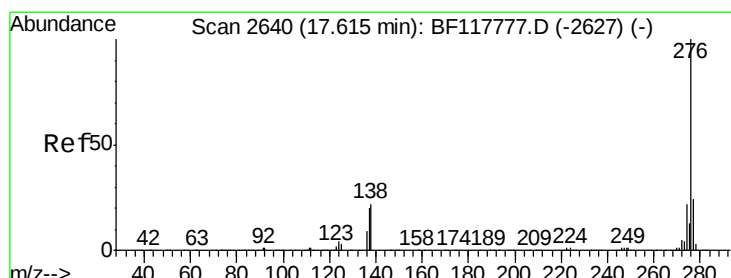
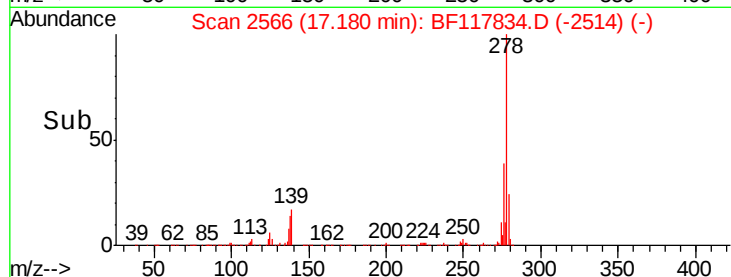
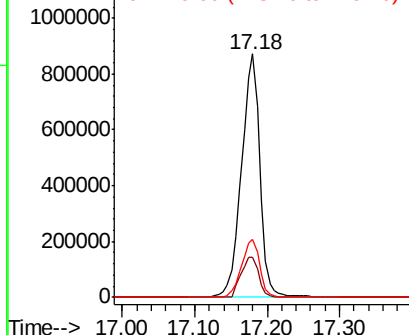
278 100

139 16.6 13.8 20.8

279 24.0 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: 47.410 ng

RT: 17.63 min Scan# 2642

Delta R.T. 0.01 min

Lab File: BF117834.D

Acq: 18 Nov 2019 14:43

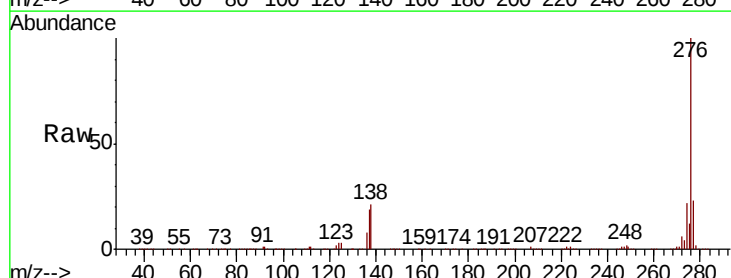
Tgt Ion:276 Resp: 1561439

Ion Ratio Lower Upper

276 100

277 22.7 18.9 28.3

138 21.4 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

