

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
 Data File : BF117776.D
 Acq On : 13 Nov 2019 15:29
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 16:44:25 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 16:36:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	261434	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1033233	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	552167	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1041300	20.00	ng	0.00
76) Chrysene-d12	14.12	240	676785	20.00	ng	0.00
87) Perylene-d12	15.62	264	608350	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	666793	46.17	ng	0.00
7) Phenol-d6	6.54	99	791603	44.45	ng	0.00
23) Nitrobenzene-d5	7.49	82	745594	42.60	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	255234	47.25	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1545681	55.23	ng	0.00
79) Terphenyl-d14	13.06	244	1687573	51.33	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.71	88	152366	21.173	ng	99
3) Pyridine	3.48	79	400050	20.210	ng	99
4) n-Nitrosodimethylamine	3.42	42	166786	19.120	ng	# 99
6) Aniline	6.58	93	525034	21.008	ng	99
8) 2-Chlorophenol	6.70	128	368920	22.962	ng	98
9) Benzaldehyde	6.47	77	278751	22.497	ng	99
10) Phenol	6.55	94	421744	21.978	ng	96
11) bis(2-Chloroethyl)ether	6.65	93	338540	21.365	ng	100
12) 1,3-Dichlorobenzene	6.86	146	433514	23.277	ng	96
13) 1,4-Dichlorobenzene	6.94	146	439097	23.553	ng	99
14) 1,2-Dichlorobenzene	7.09	146	412038	24.004	ng	99
15) Benzyl Alcohol	7.06	79	306971	21.619	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	522677	20.862	ng	99
17) 2-Methylphenol	7.16	107	299810	21.727	ng	100
18) Hexachloroethane	7.44	117	158425	22.990	ng	90
19) n-Nitroso-di-n-propylamine	7.33	70	250225	21.370	ng	99
20) 3+4-Methylphenols	7.32	107	379893	23.120	ng	95
22) Acetophenone	7.33	105	520223	22.029	ng	# 98
24) Nitrobenzene	7.50	77	385112	21.073	ng	99
25) Isophorone	7.74	82	675064	20.168	ng	96
26) 2-Nitrophenol	7.82	139	176019	20.747	ng	95
27) 2,4-Dimethylphenol	7.85	122	275562	19.263	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	445751	20.745	ng	98
29) 2,4-Dichlorophenol	8.06	162	316866	21.499	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	375051	22.229	ng	98
31) Naphthalene	8.23	128	1105279	23.403	ng	98
32) Benzoic acid	7.94	122	209580	18.508	ng	96
33) 4-Chloroaniline	8.27	127	471331	21.478	ng	99
34) Hexachlorobutadiene	8.35	225	219556	22.724	ng	99
35) Caprolactam	8.63	113	95858	19.623	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	321345	21.607	ng	99
37) 2-Methylnaphthalene	8.93	142	740906	23.044	ng	98
38) 1-Methylnaphthalene	9.03	142	699522	22.911	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	351730	23.284	ng	99

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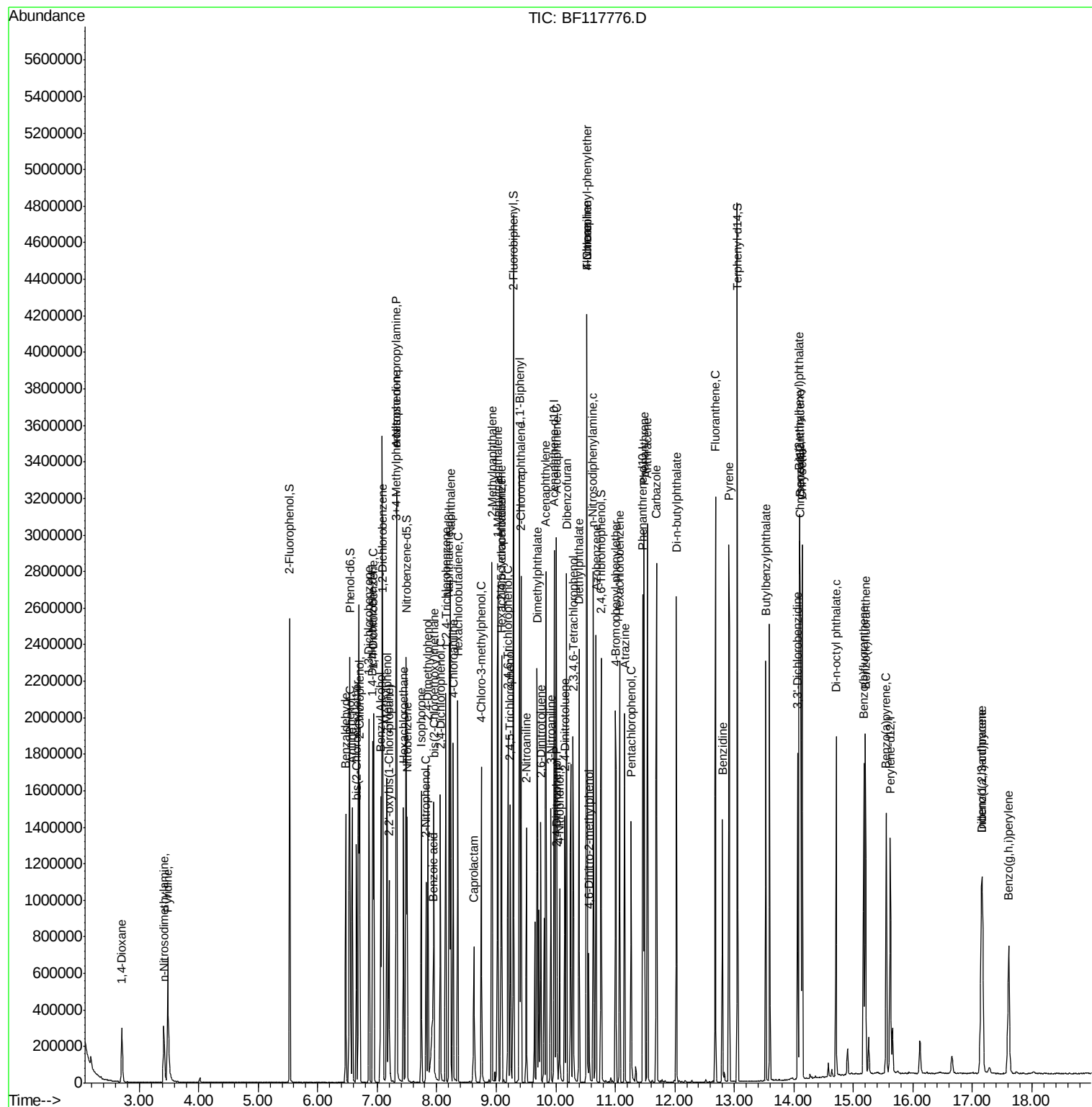
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	184644	22.657	ng	99
43) 2,4,6-Trichlorophenol	9.20	196	241111	21.915	ng	98
44) 2,4,5-Trichlorophenol	9.24	196	254886	22.856	ng	95
46) 1,1'-Biphenyl	9.39	154	941307	24.341	ng	98
47) 2-Chloronaphthalene	9.42	162	742288	23.130	ng	98
48) 2-Nitroaniline	9.50	65	205617	20.445	ng	99
49) Acenaphthylene	9.83	152	1112742	23.809	ng	99
50) Dimethylphthalate	9.69	163	845181	22.642	ng	99
51) 2,6-Dinitrotoluene	9.75	165	174084	20.827	ng	96
52) Acenaphthene	10.01	154	693930	23.010	ng	98
53) 3-Nitroaniline	9.92	138	207702	20.597	ng	99
54) 2,4-Dinitrophenol	10.02	184	62706	21.882	ng	92
55) Dibenzofuran	10.18	168	985239	23.347	ng	97
56) 4-Nitrophenol	10.06	139	152448	20.102	ng	99
57) 2,4-Dinitrotoluene	10.15	165	217172	20.254	ng	99
58) Fluorene	10.52	166	750517	24.131	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	208141	22.453	ng	100
60) Diethylphthalate	10.39	149	837125	22.803	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	391180	24.161	ng	95
62) 4-Nitroaniline	10.53	138	202390	20.391	ng	98
63) Azobenzene	10.67	77	771709	22.195	ng	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	86385	20.776	ng	97
66) n-Nitrosodiphenylamine	10.63	169	672720	21.874	ng	100
67) 4-Bromophenyl-phenylether	11.01	248	250318	22.011	ng	98
68) Hexachlorobenzene	11.07	284	286367	21.798	ng	96
69) Atrazine	11.16	200	221202	21.826	ng	100
70) Pentachlorophenol	11.26	266	156739	21.342	ng	99
71) Phenanthrene	11.49	178	1173678	23.515	ng	98
72) Anthracene	11.54	178	1156997	23.300	ng	99
73) Carbazole	11.69	167	1022516	22.526	ng	99
74) Di-n-butylphthalate	12.03	149	1299740	23.547	ng	98
75) Fluoranthene	12.68	202	1161044	22.782	ng	99
77) Benzidine	12.80	184	488073	20.743	ng	99
78) Pyrene	12.91	202	1180020	23.885	ng	99
80) Butylbenzylphthalate	13.53	149	492028	21.561	ng	93
81) Benzo(a)anthracene	14.10	228	962894	22.857	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	344057	21.868	ng	99
83) Chrysene	14.14	228	936622	22.514	ng	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	619326	21.039	ng	99
85) Di-n-octyl phthalate	14.71	149	936032	20.207	ng	100
86) Indeno(1,2,3-cd)pyrene	17.15	276	742588	19.178	ng	100
88) Benzo(b)fluoranthene	15.17	252	825910	21.556	ng	99
89) Benzo(k)fluoranthene	15.20	252	814125	23.824	ng	99
90) Benzo(a)pyrene	15.55	252	731553	22.025	ng	100
91) Dibenzo(a,h)anthracene	17.17	278	601934	20.207	ng	97
92) Benzo(g,h,i)perylene	17.61	276	576662	19.975	ng	99

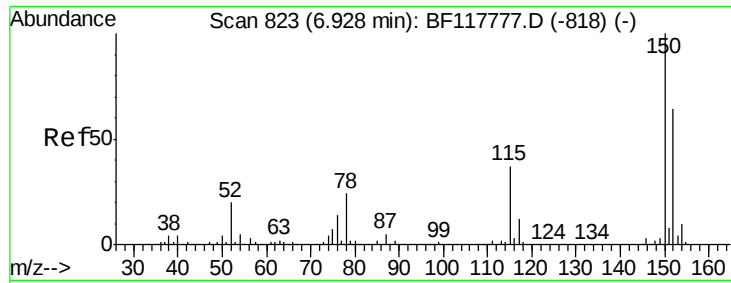
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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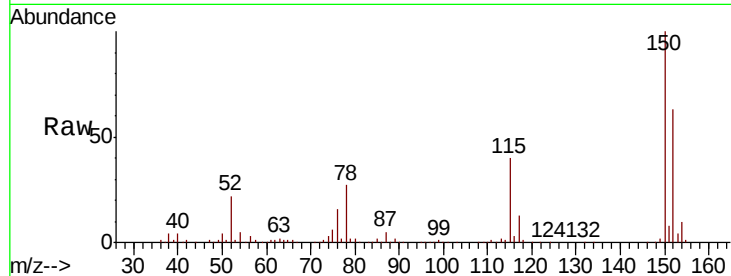


#1

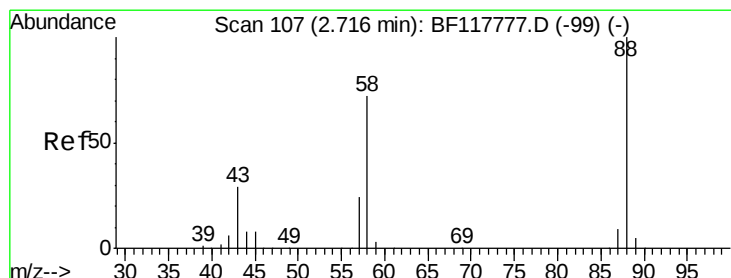
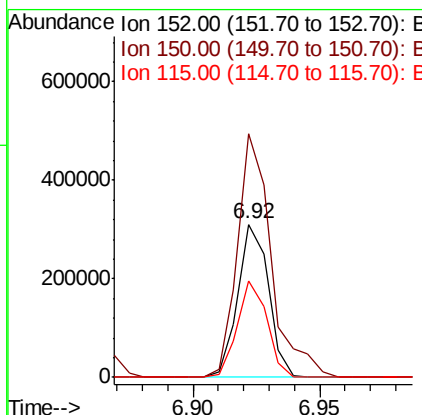
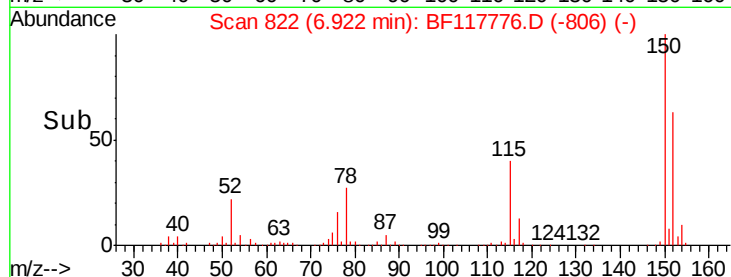
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 261434
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.3 187.9
 115 62.9 47.0 70.4



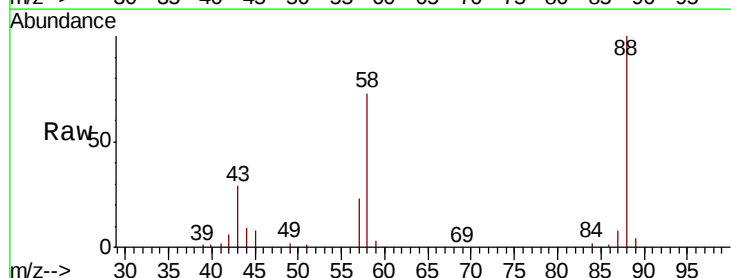
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



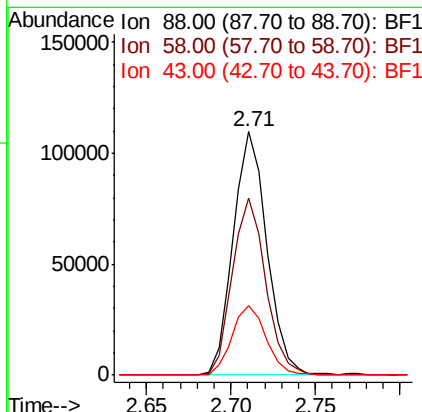
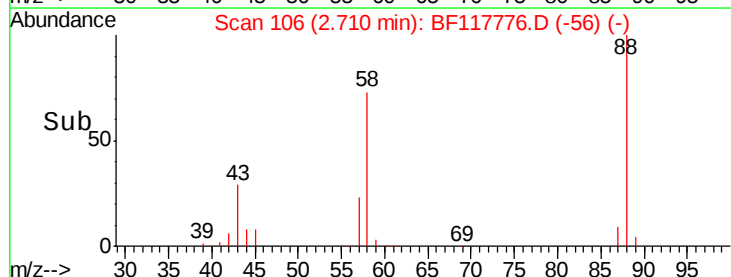
#2

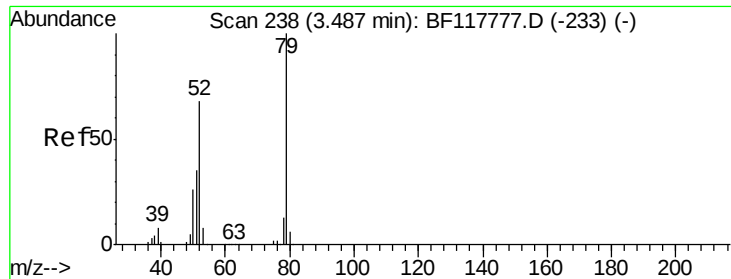
1,4-Dioxane
 Concen: 21.173 ng
 RT: 2.71 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Tgt Ion: 88 Resp: 152366
 Ion Ratio Lower Upper
 88 100
 58 72.0 58.2 87.2
 43 29.1 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: 20.210 ng

RT: 3.48 min Scan# 237

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

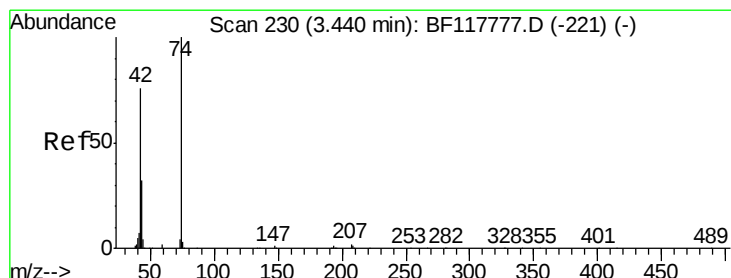
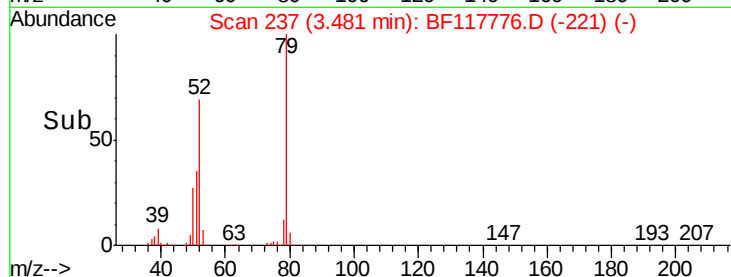
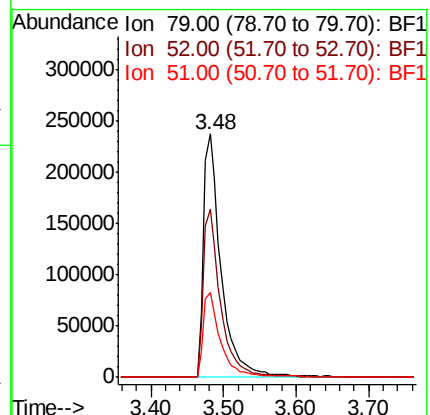
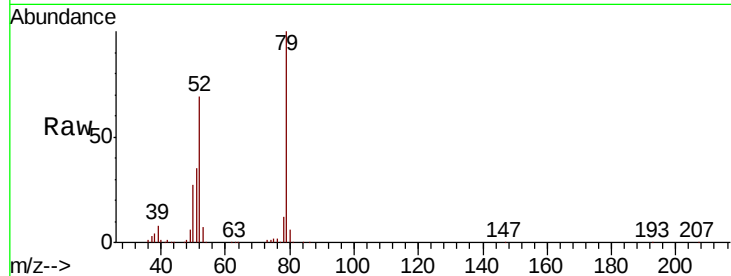
Tot Ion: 79 Resp: 400050

Ion Ratio Lower Upper

79 100

52 69.1 54.8 82.2

51 34.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 19.120 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

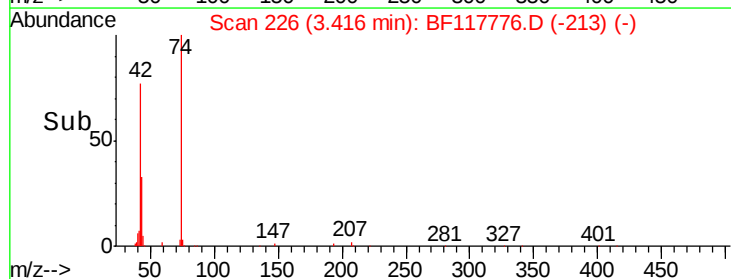
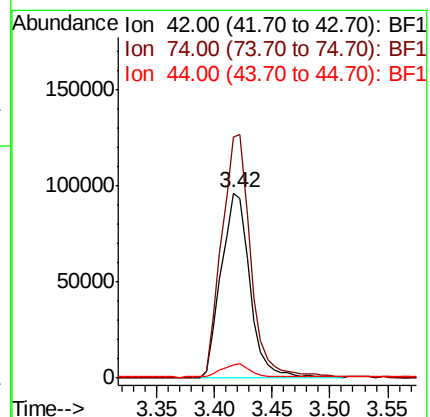
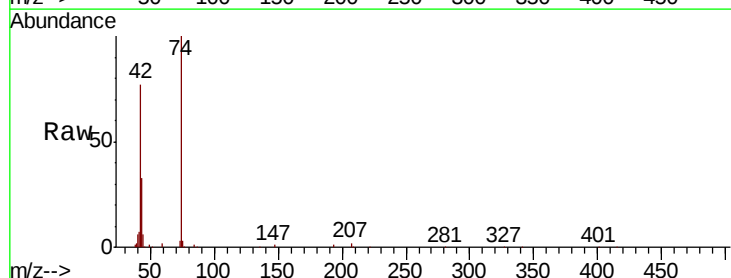
Tgt Ion: 42 Resp: 166786

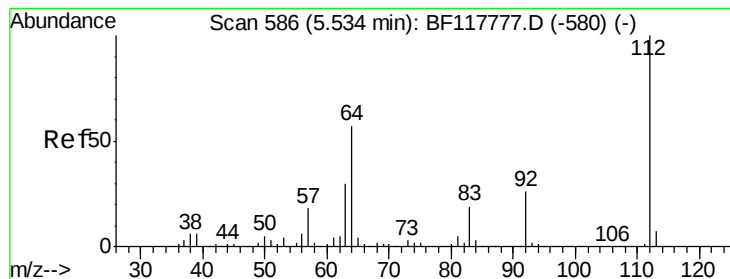
Ion Ratio Lower Upper

42 100

74 130.2 105.1 157.7

44 7.2 4.6 7.0#





#5

2-Fluorophenol

Concen: 46.168 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampled :

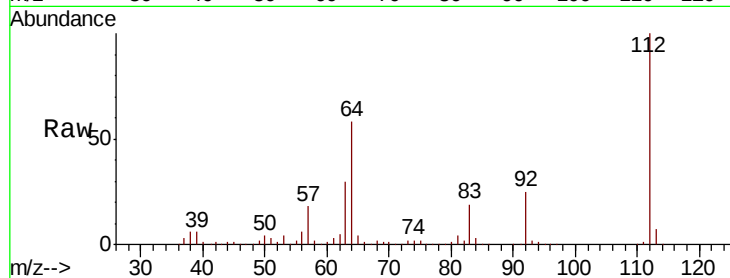
Tot Ion:112 Resp: 666793

Ion Ratio Lower Upper

112 100

64 57.6 45.6 68.4

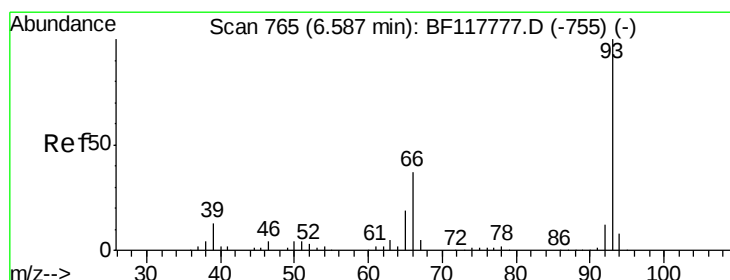
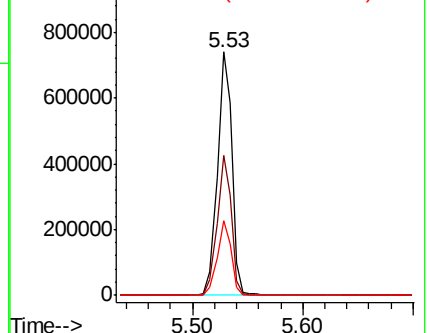
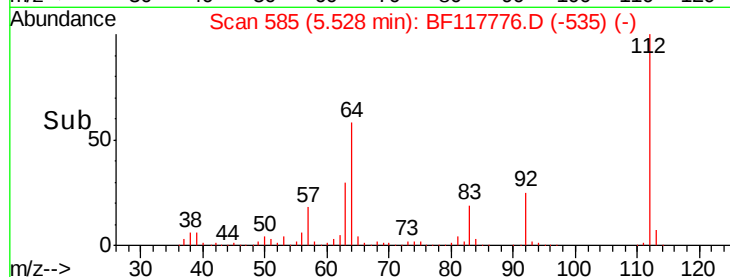
63 30.4 24.1 36.1



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: 21.008 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

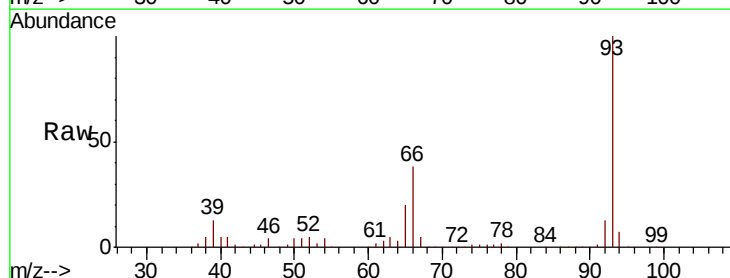
Tgt Ion: 93 Resp: 525034

Ion Ratio Lower Upper

93 100

66 38.3 30.6 45.8

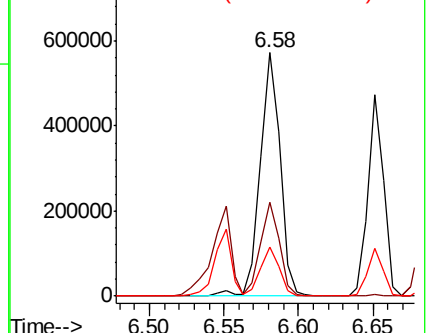
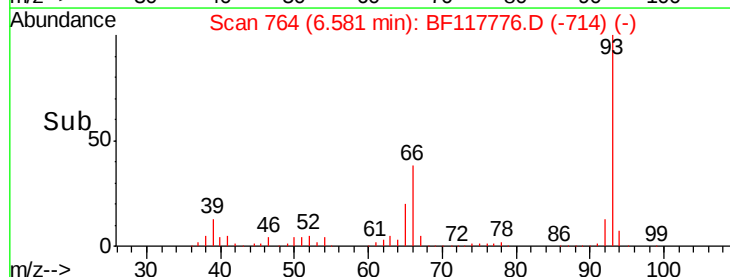
65 20.0 15.6 23.4

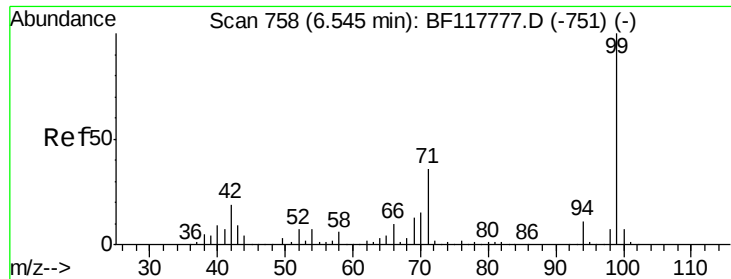


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 44.452 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampled :

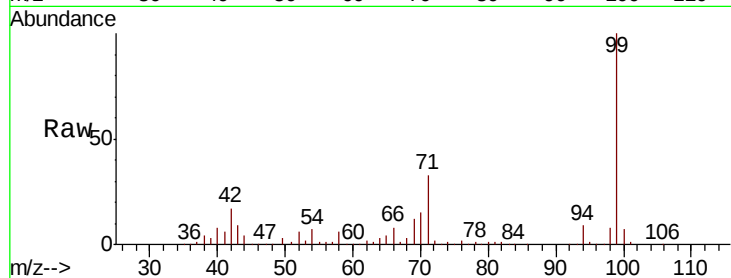
Tot Ion: 99 Resp: 791603

Ion Ratio Lower Upper

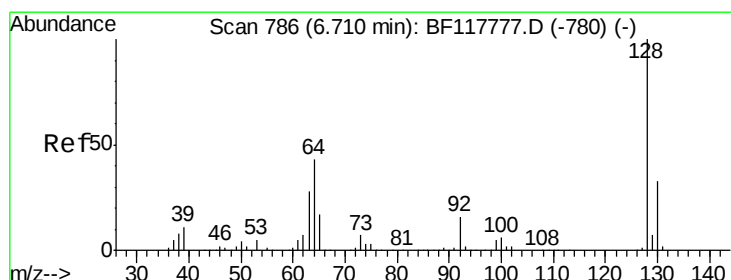
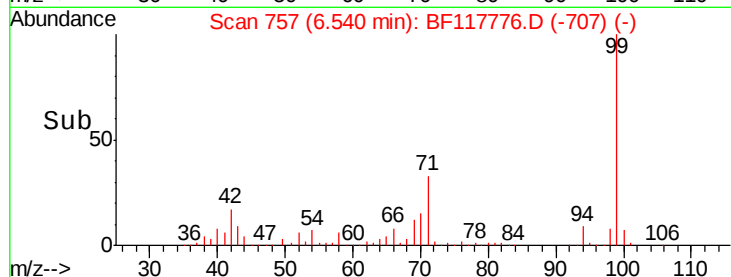
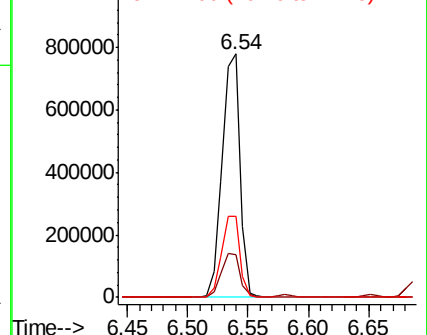
99 100

42 17.5 14.9 22.3

71 33.3 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: 22.962 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

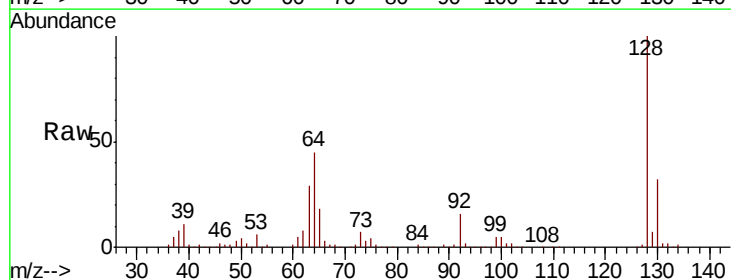
Tgt Ion: 128 Resp: 368920

Ion Ratio Lower Upper

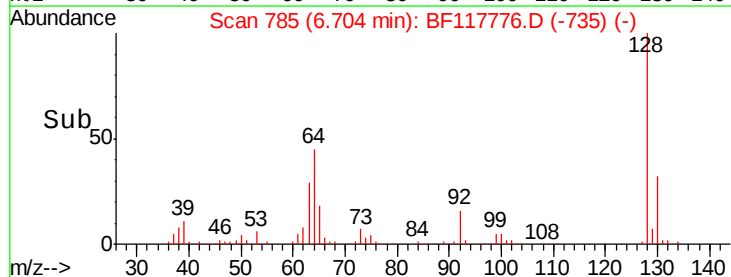
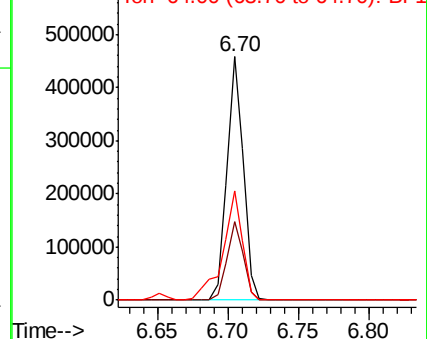
128 100

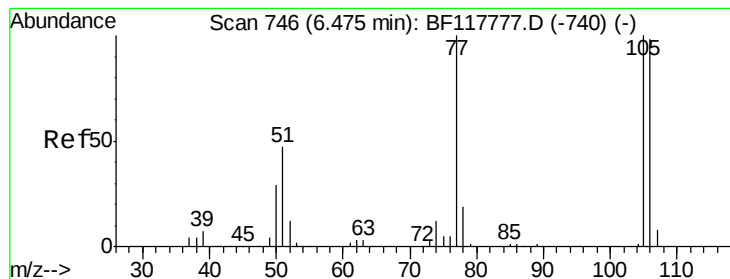
130 32.1 13.2 53.2

64 45.0 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: 22.497 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampled :

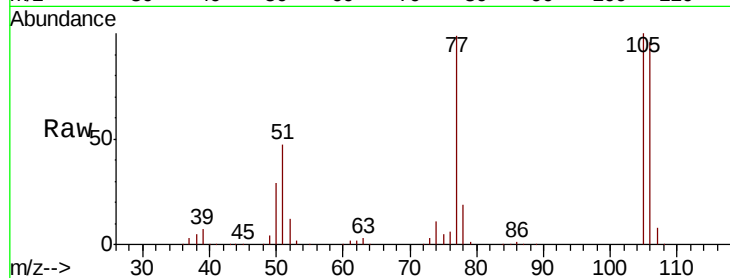
Tot Ion: 77 Resp: 278751

Ion Ratio Lower Upper

77 100

105 100.8 80.2 120.2

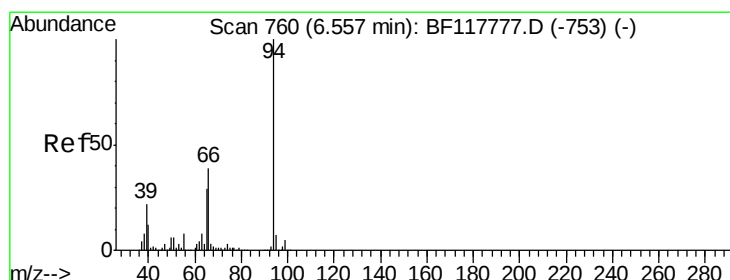
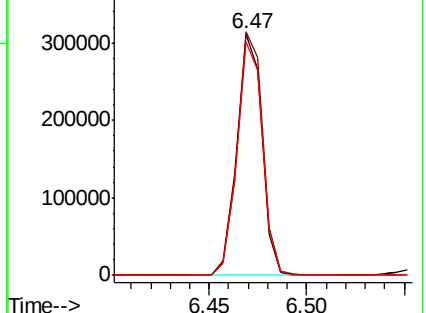
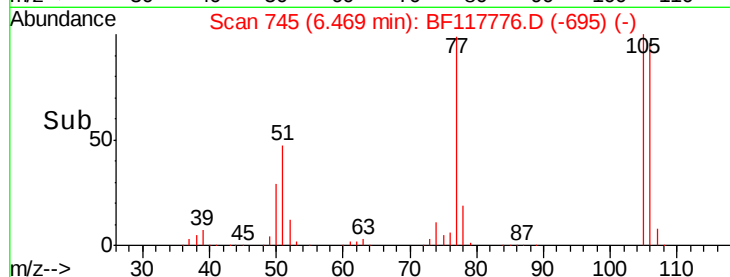
106 96.6 78.4 118.4



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: 21.978 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

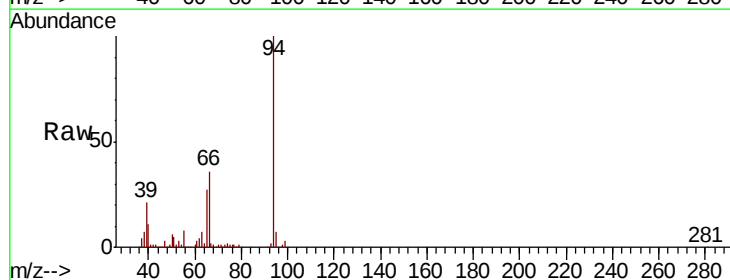
Tgt Ion: 94 Resp: 421744

Ion Ratio Lower Upper

94 100

65 26.8 8.9 48.9

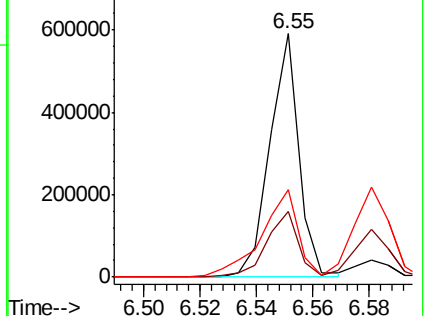
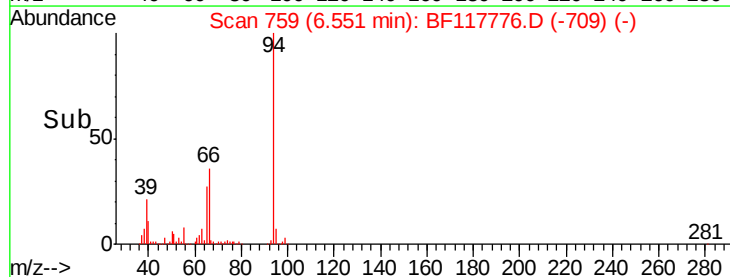
66 35.9 18.7 58.7

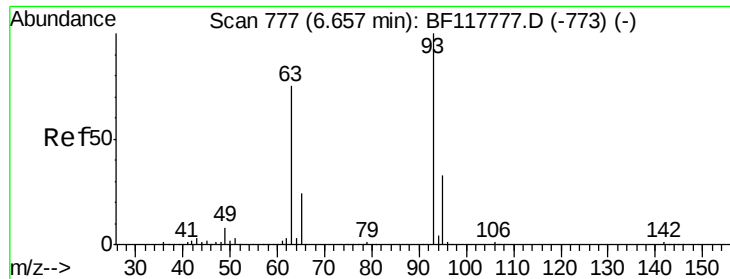


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

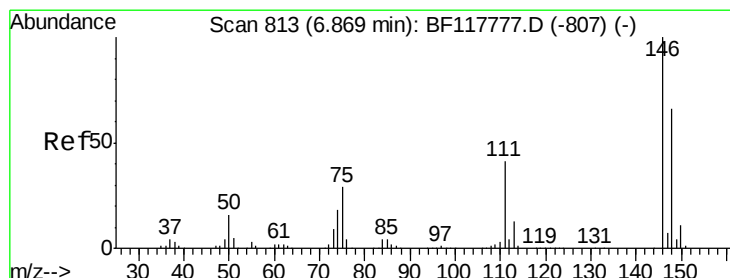
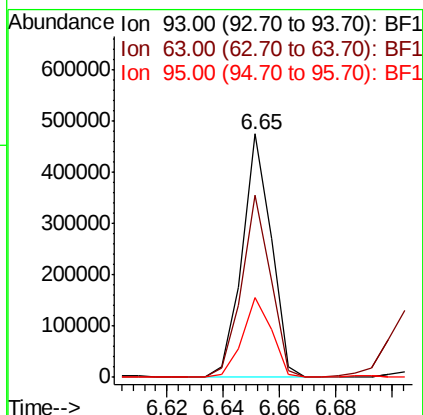
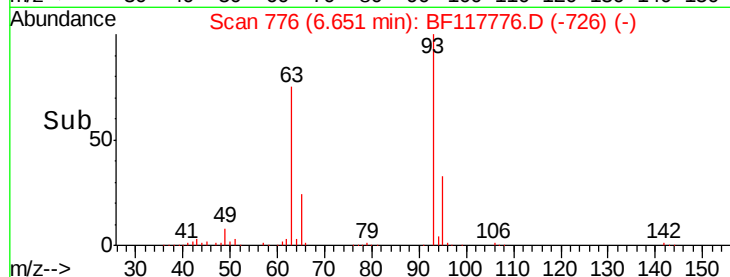
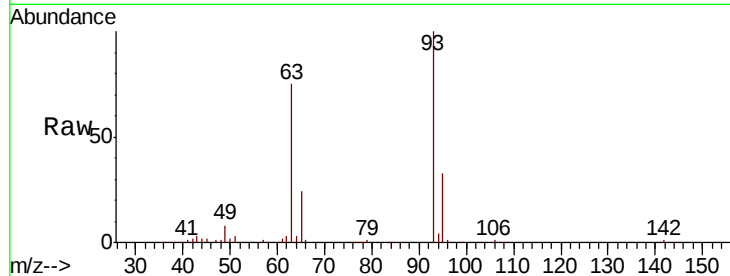




#11
bis(2-Chloroethyl)ether
Concen: 21.365 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

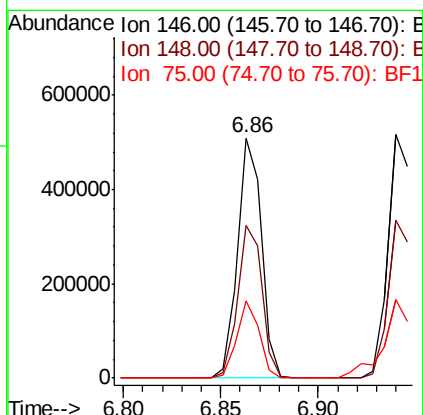
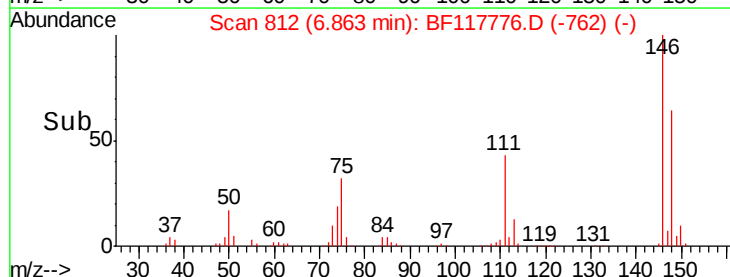
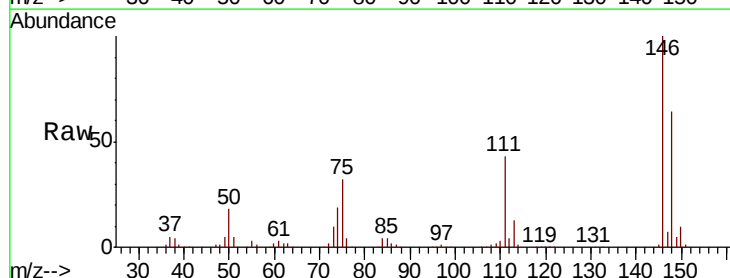
Instrument :
BNA_F
ClientSampleId :

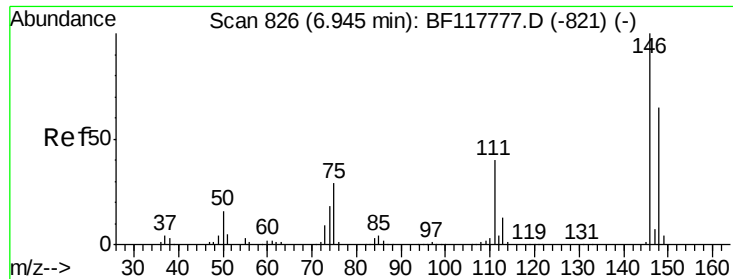
Tot Ion: 93 Resp: 338540
Ion Ratio Lower Upper
93 100
63 75.0 54.8 94.8
95 33.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 23.277 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion: 146 Resp: 433514
Ion Ratio Lower Upper
146 100
148 63.9 52.8 79.2
75 32.3 23.4 35.0

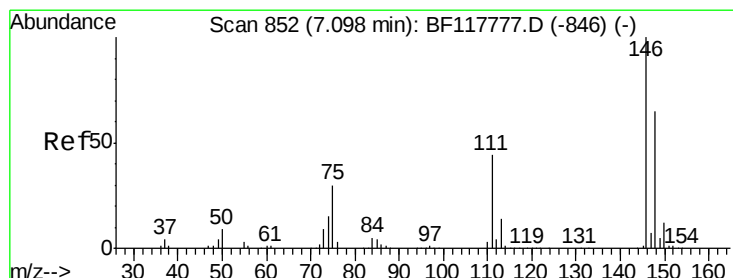
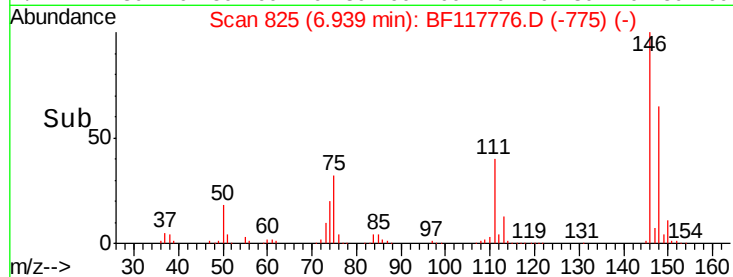
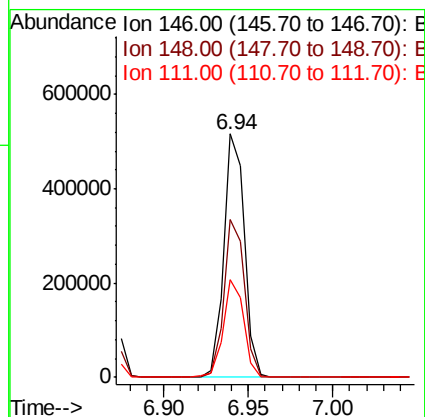
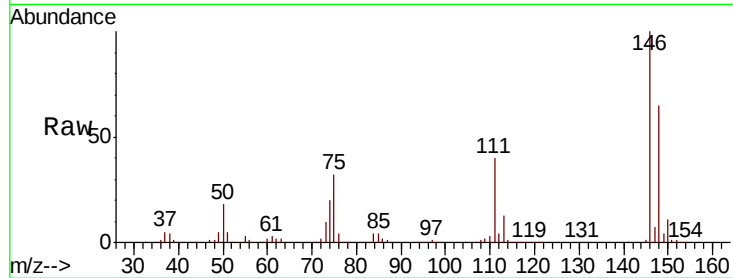




#13
 1,4-Dichlorobenzene
 Concen: 23.553 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

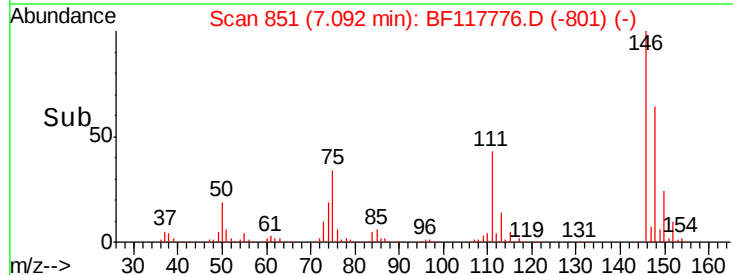
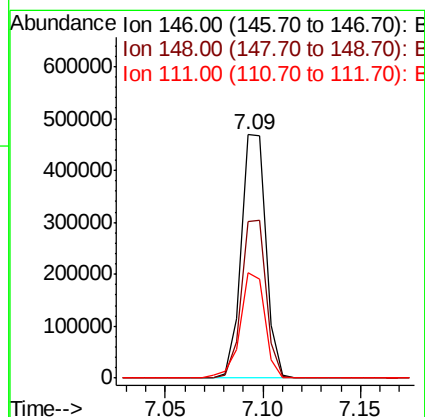
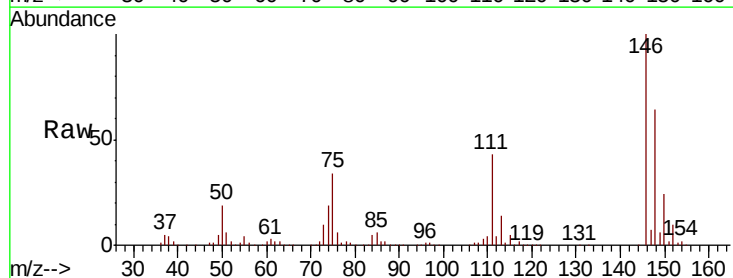
Instrument :
 BNA_F
 ClientSampleId :

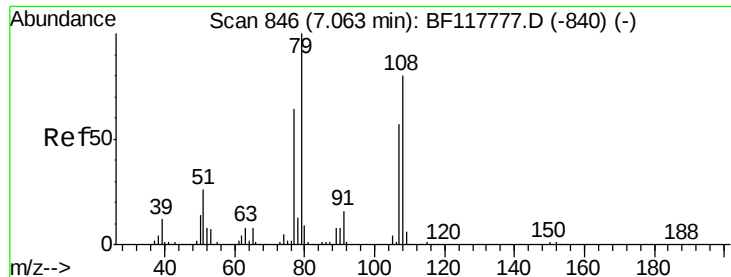
Tot Ion:146 Resp: 439097
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 40.3 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 24.004 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Tgt Ion:146 Resp: 412038
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 111 43.4 35.0 52.6





#15

Benzyl Alcohol

Concen: 21.619 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampled :

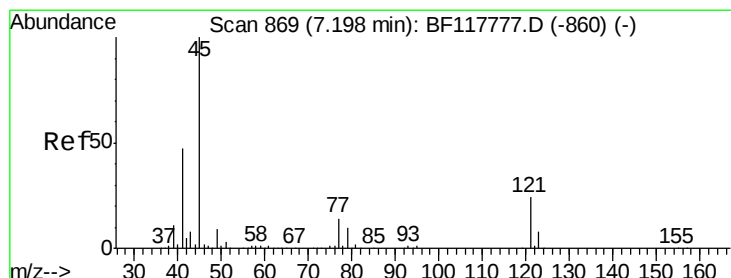
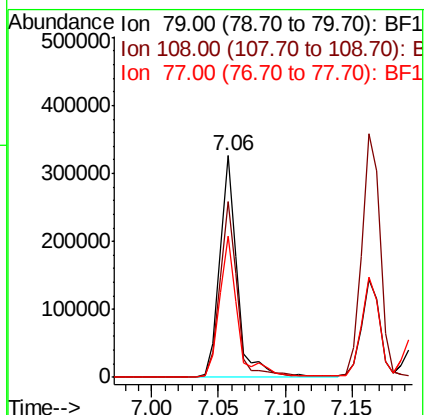
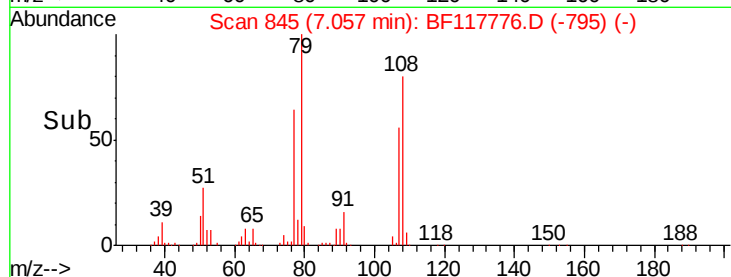
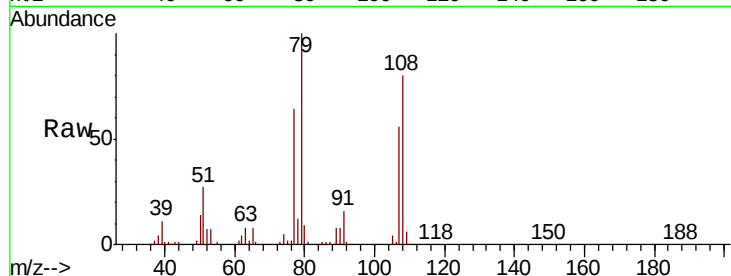
Tot Ion: 79 Resp: 306971

Ion Ratio Lower Upper

79 100

108 79.7 64.1 96.1

77 63.8 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.862 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

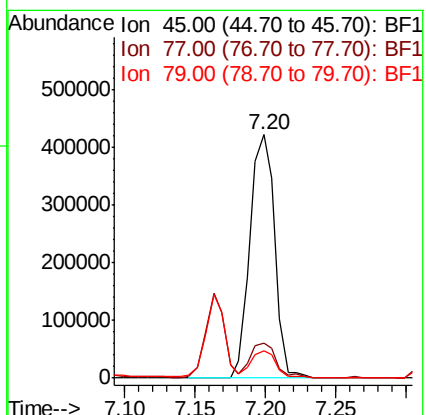
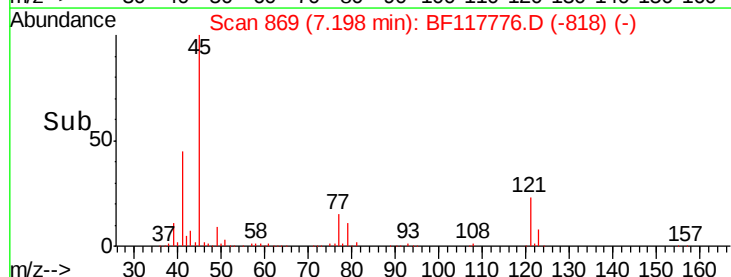
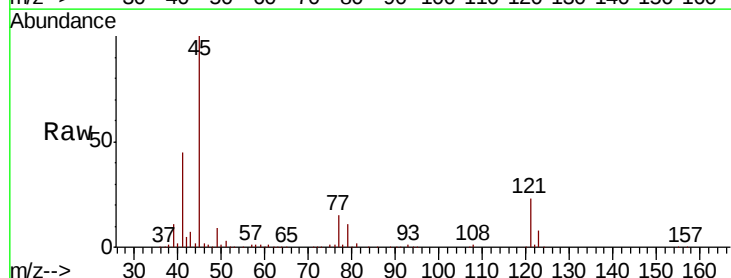
Tgt Ion: 45 Resp: 522677

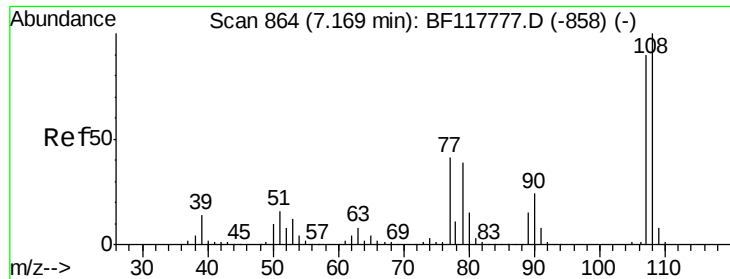
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.0

79 11.2 0.0 31.1

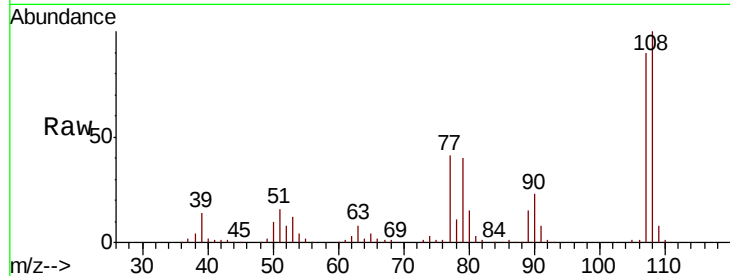




#17
2-Methylphenol
Concen: 21.727 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	299810
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.1	133.7
77	45.6	36.6	54.8
79	45.0	35.2	52.8



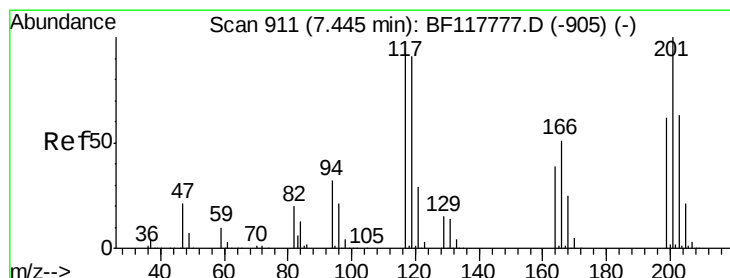
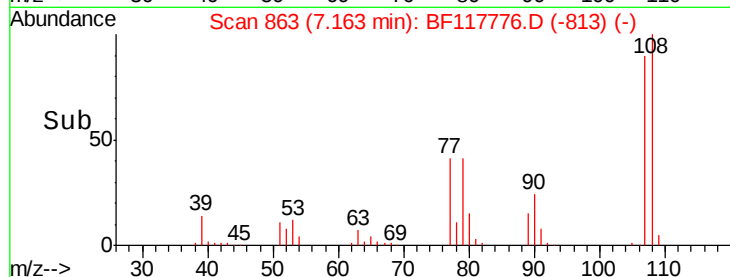
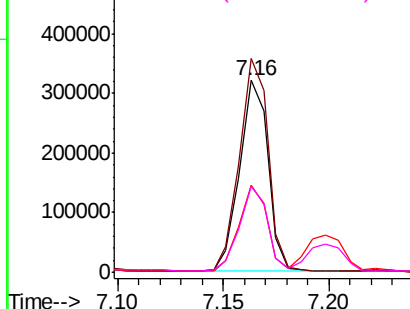
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

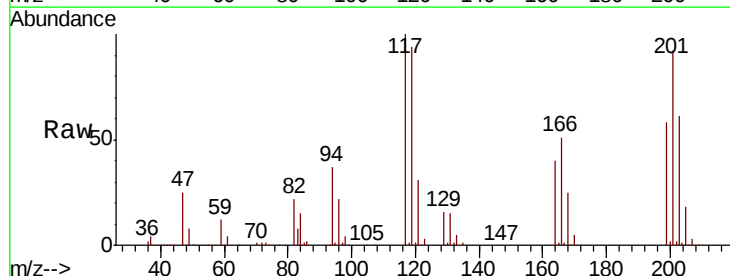
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 22.990 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:	117	Resp:	158425
Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.7	118.1
201	92.5	86.5	129.7

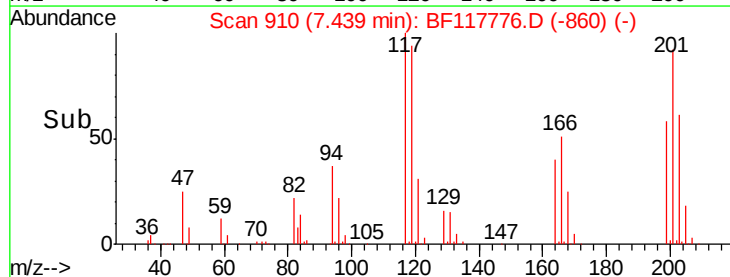
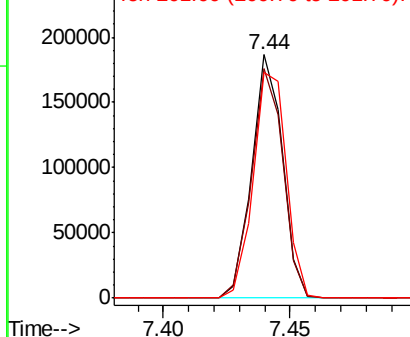


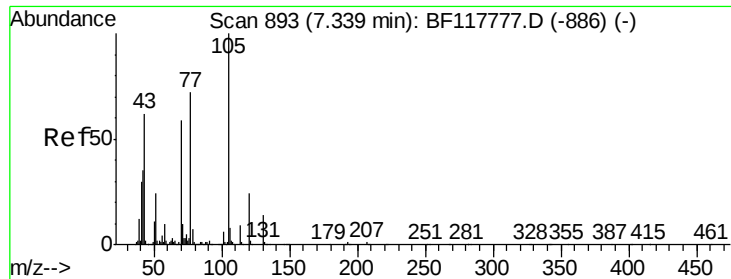
Abundance

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

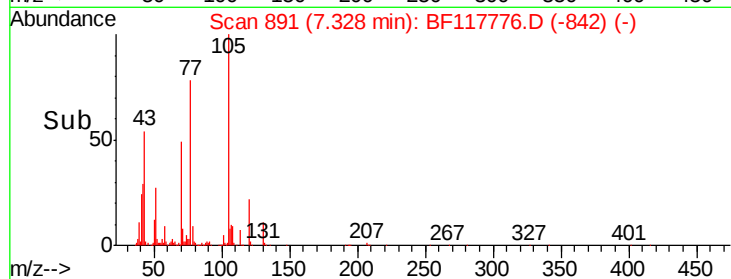
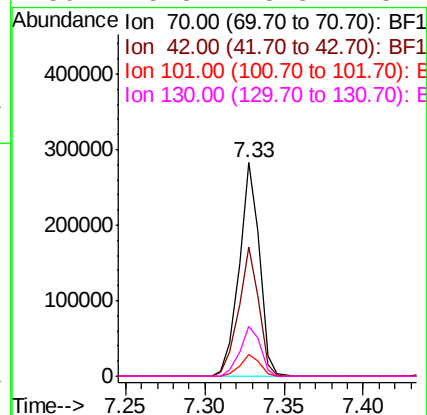
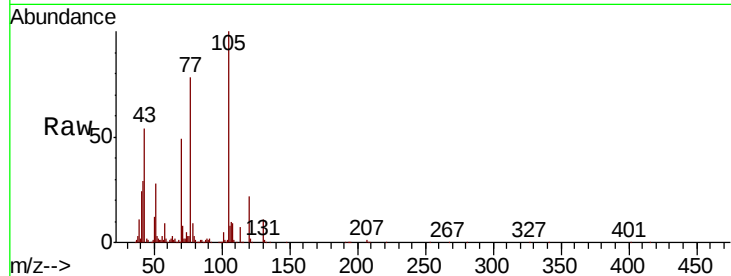




#19
n-Nitroso-di-n-propylamine
Concen: 21.370 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

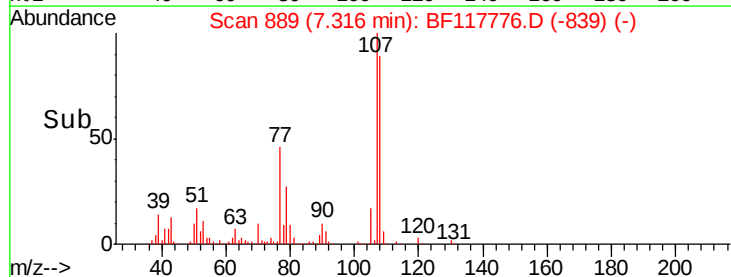
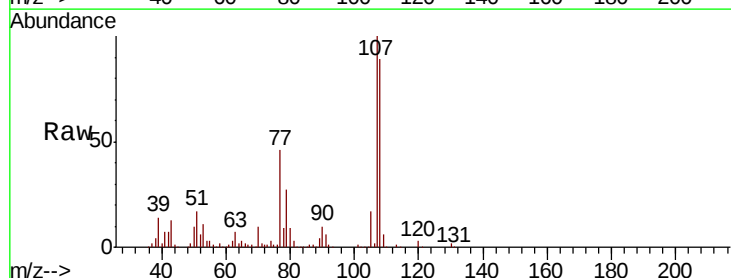
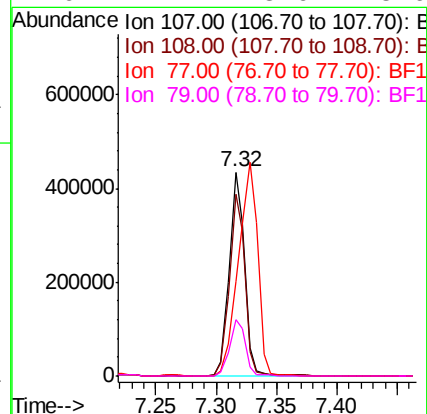
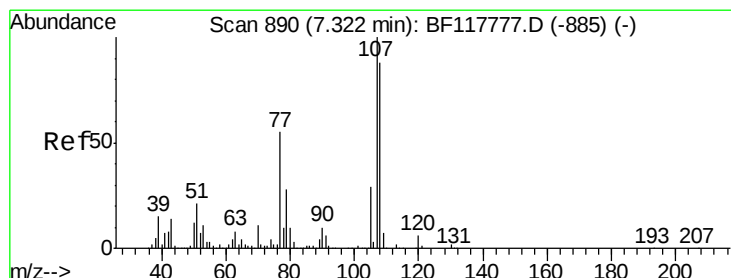
Instrument :
BNA_F
ClientSampleId :

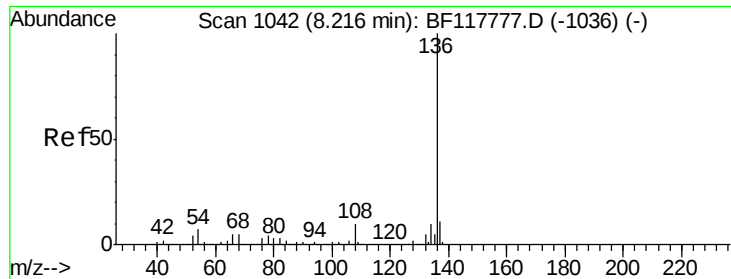
Tot Ion:	70	Resp:	250225
Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.4	71.2
101	10.1	8.4	12.6
130	23.3	18.8	28.2



#20
3+4-Methylphenols
Concen: 23.120 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:	107	Resp:	379893
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.4	108.4
77	46.5	35.2	75.2
79	27.4	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1033233

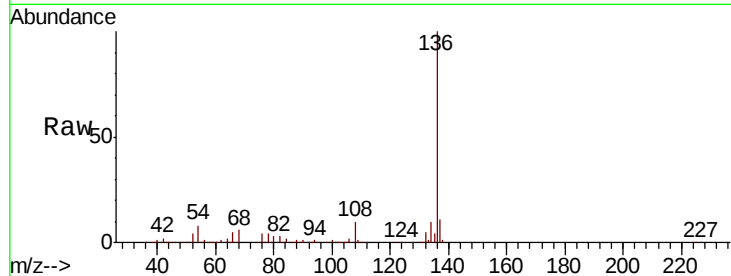
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.8 5.4 8.2

68 5.8 4.3 6.5

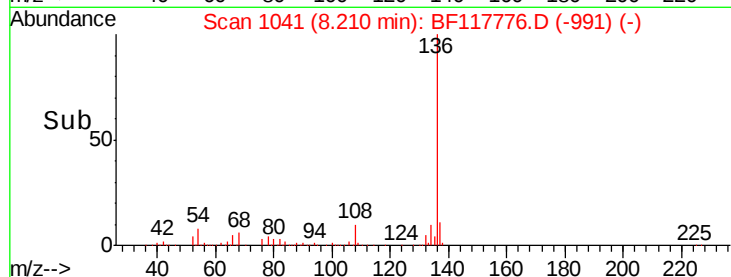


Abundance Ion 136.00 (135.70 to 136.70): E

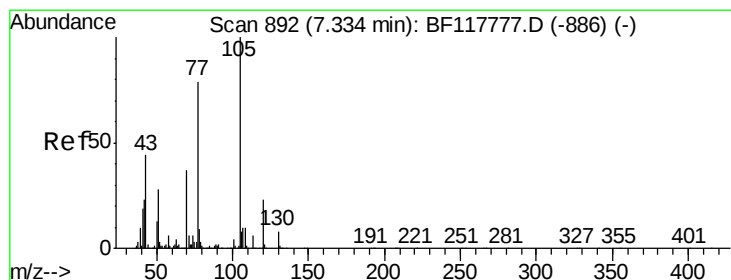
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.15 8.20 8.25



#22

Acetophenone

Concen: 22.029 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Tgt Ion:105 Resp: 520223

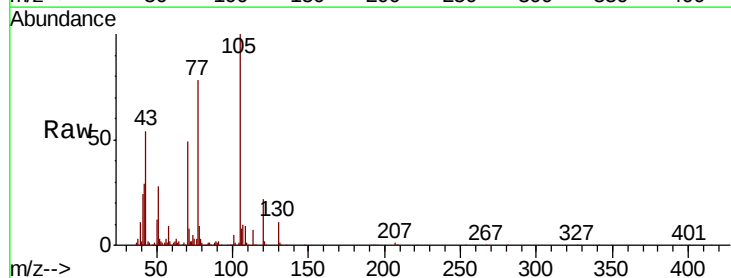
Ion Ratio Lower Upper

105 100

71 8.3 4.9 7.3#

51 27.7 22.7 34.1

120 22.3 18.5 27.7

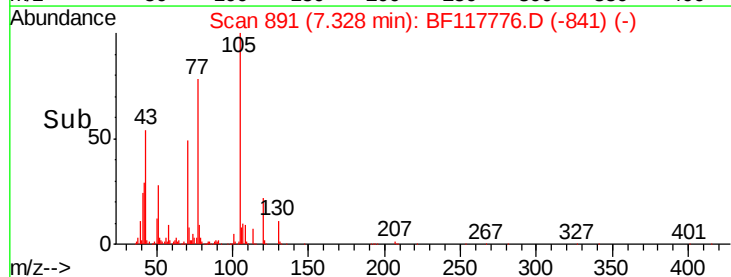


Abundance Ion 105.00 (104.70 to 105.70): E

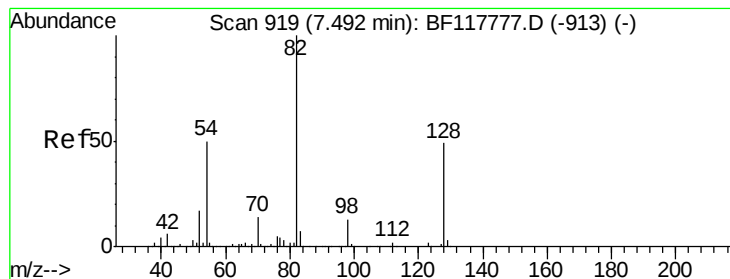
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time--> 7.25 7.30 7.35 7.40



#23

Nitrobenzene-d5

Concen: 42.603 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

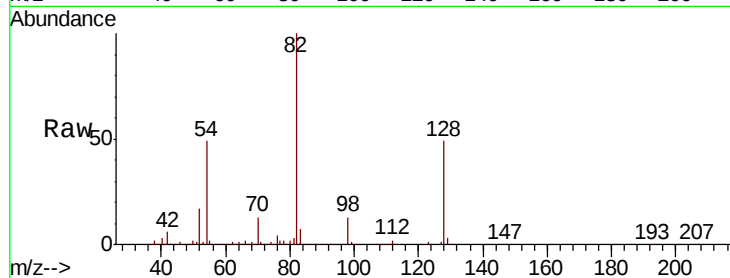
Tot Ion: 82 Resp: 745594

Ion Ratio Lower Upper

82 100

128 49.1 38.9 58.3

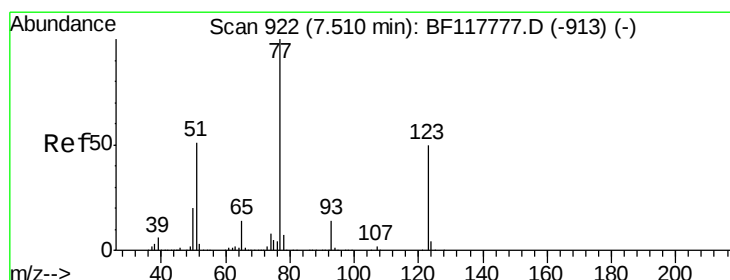
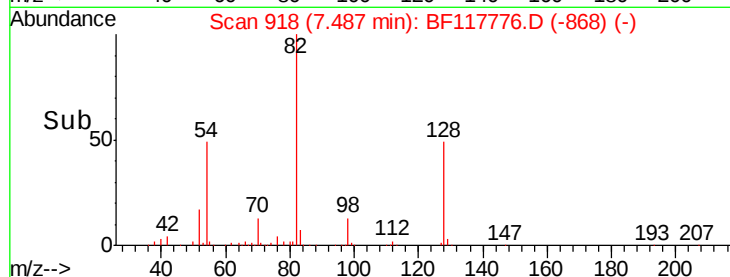
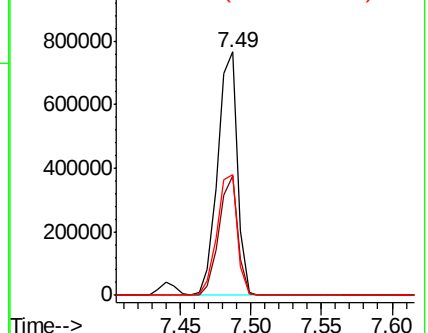
54 49.4 39.8 59.6



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: 21.073 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

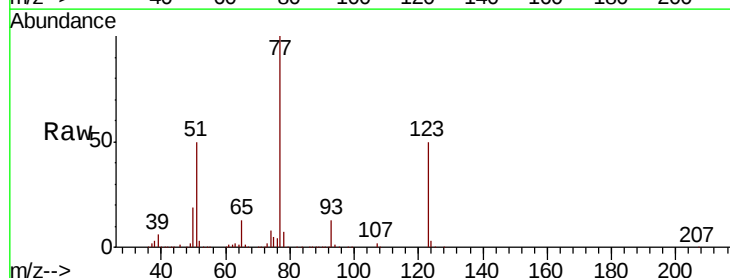
Tgt Ion: 77 Resp: 385112

Ion Ratio Lower Upper

77 100

123 50.0 40.3 60.5

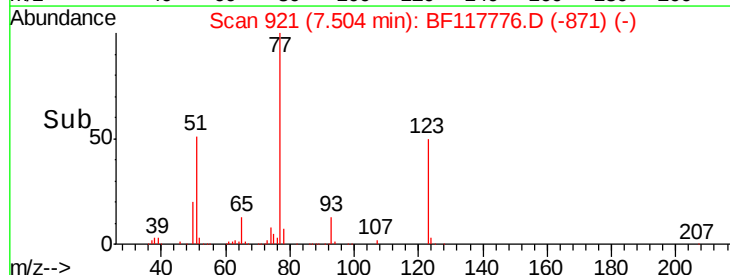
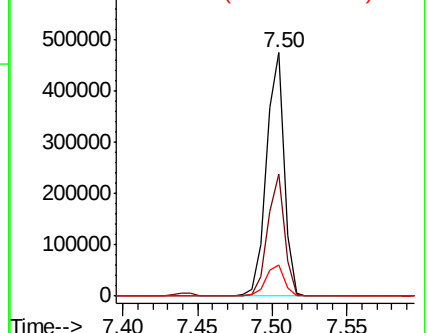
65 13.0 10.9 16.3

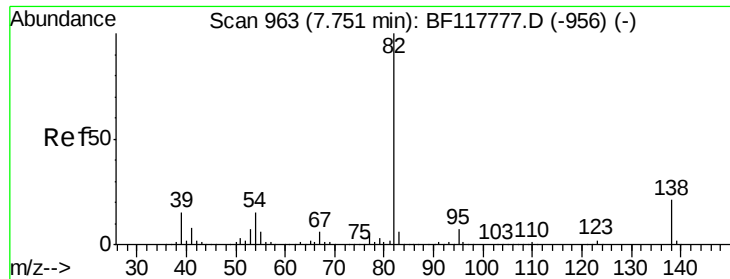


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

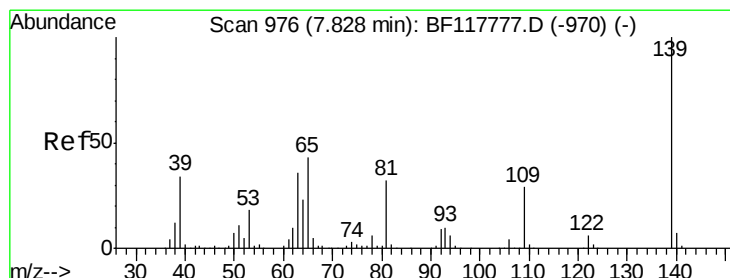
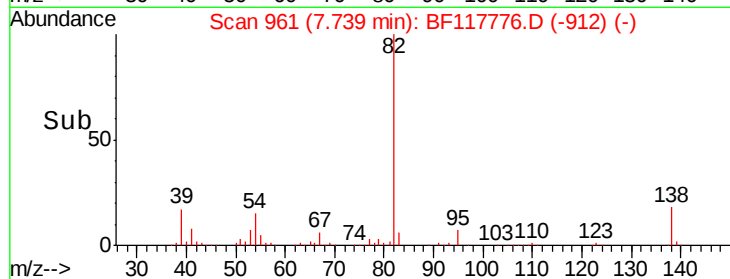
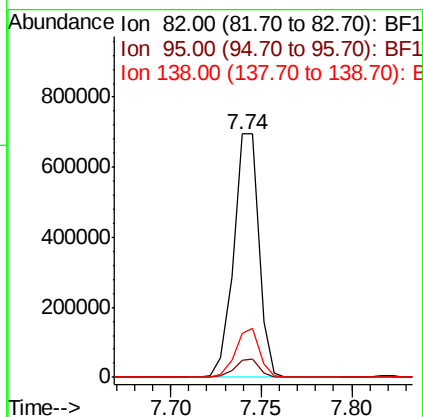
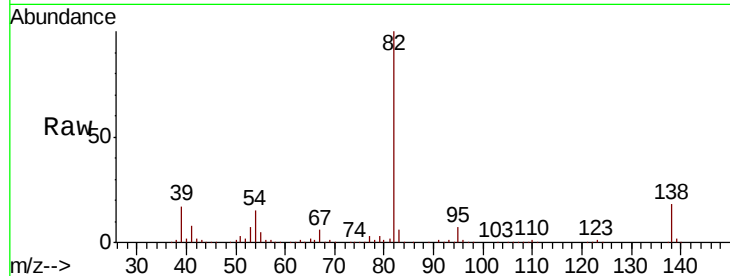




#25
Isophorone
Concen: 20.168 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

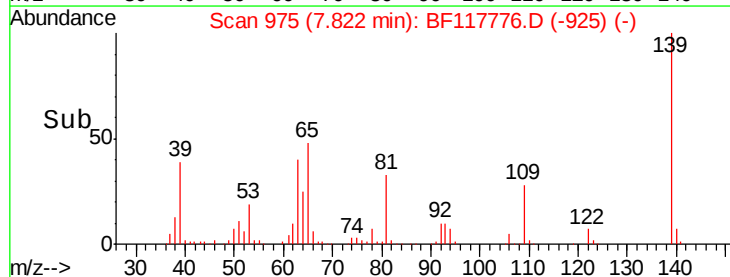
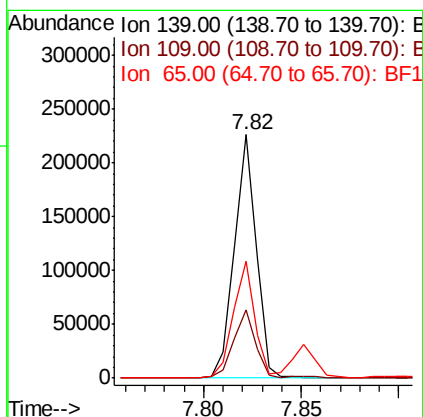
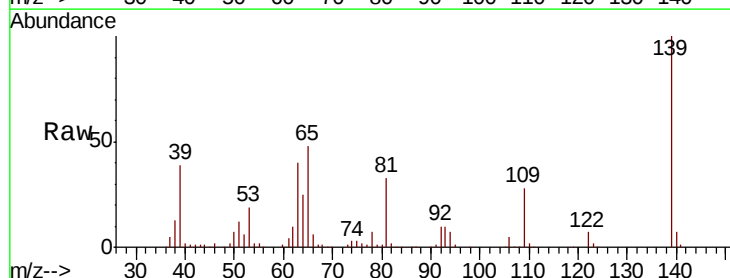
Instrument :
BNA_F
ClientSampleId :

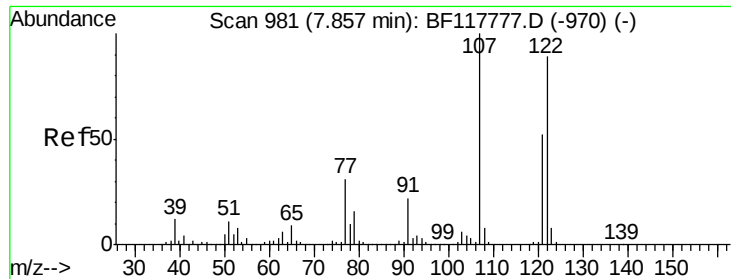
Tot Ion: 82 Resp: 675064
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 18.3 16.5 24.7



#26
2-Nitrophenol
Concen: 20.747 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion: 139 Resp: 176019
Ion Ratio Lower Upper
139 100
109 28.1 23.0 34.4
65 47.8 34.7 52.1

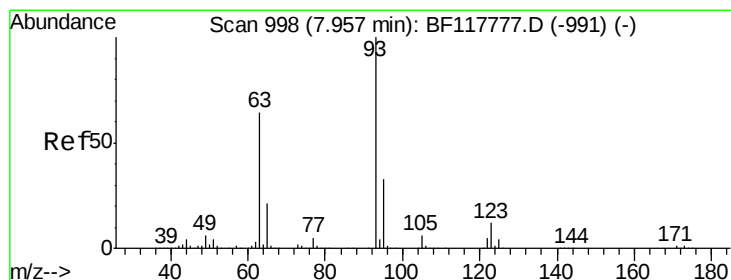
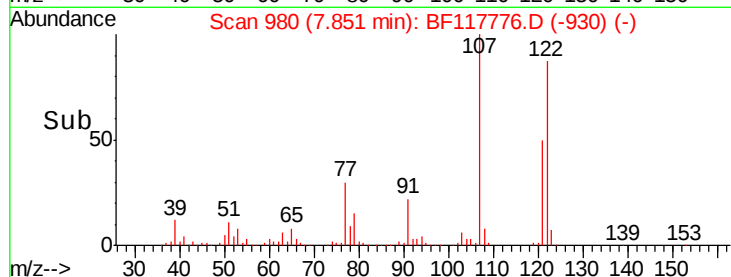
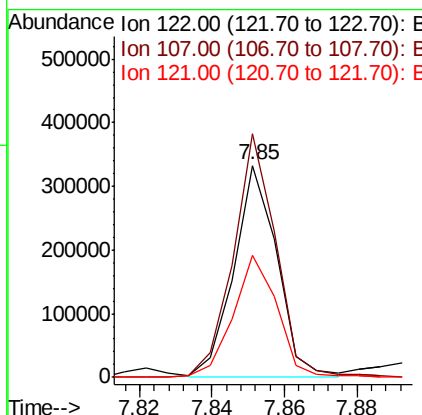
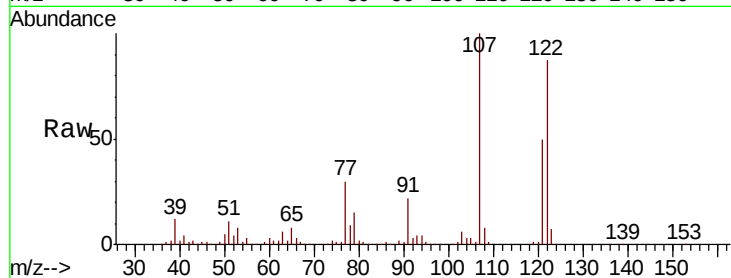




#27
 2,4-Dimethylphenol
 Concen: 19.263 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

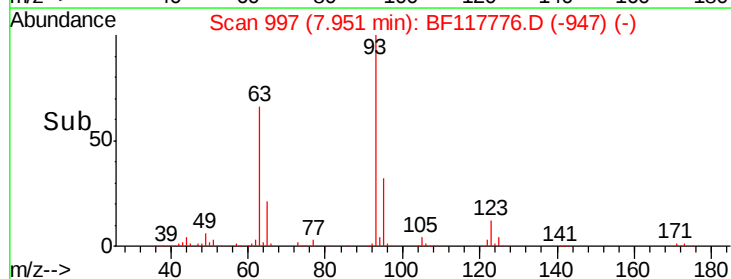
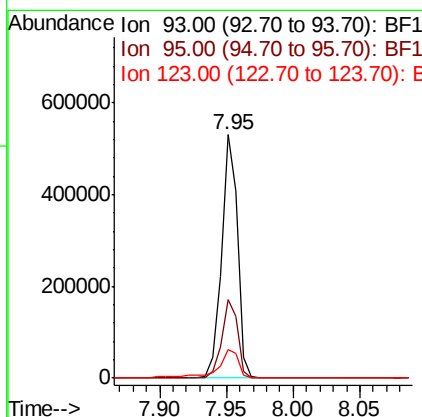
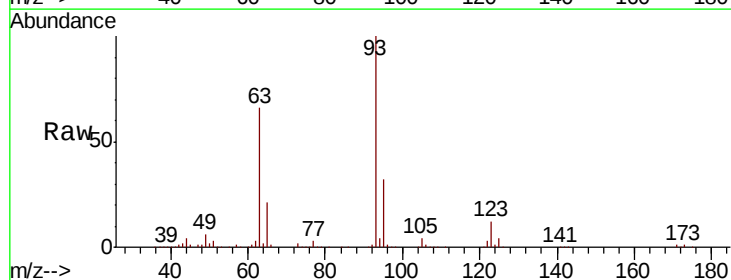
Instrument :
 BNA_F
 ClientSampled :

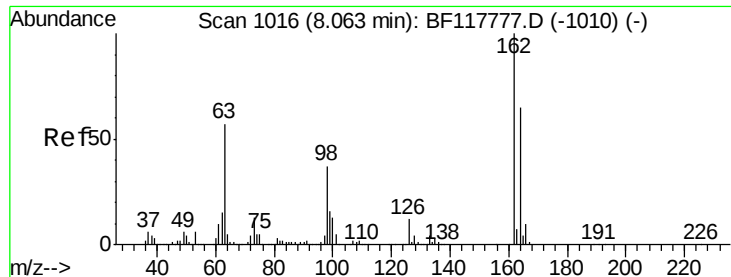
Tot Ion:122 Resp: 275562
 Ion Ratio Lower Upper
 122 100
 107 114.8 90.0 135.0
 121 57.8 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.745 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Tgt Ion: 93 Resp: 445751
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.6 40.0
 123 11.5 10.3 15.5

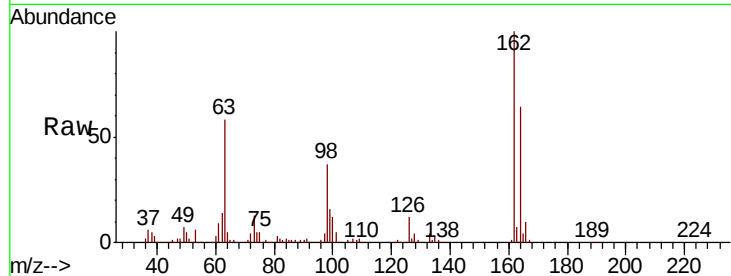




#29
2,4-Dichlorophenol
Concen: 21.499 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.1	85.1
98	36.8	17.2	57.2

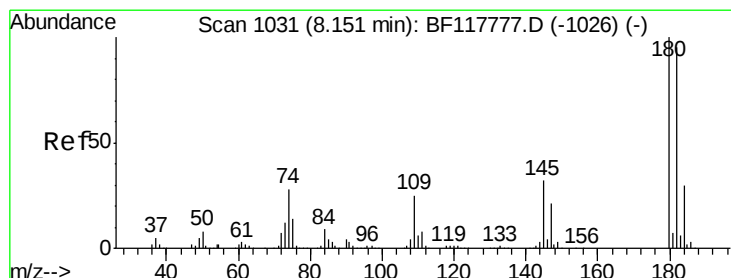
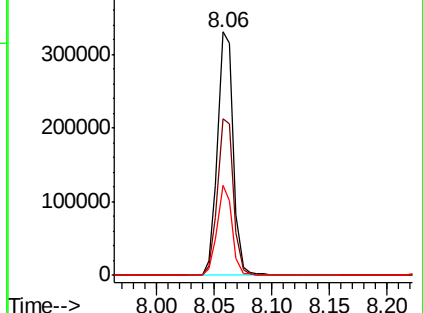
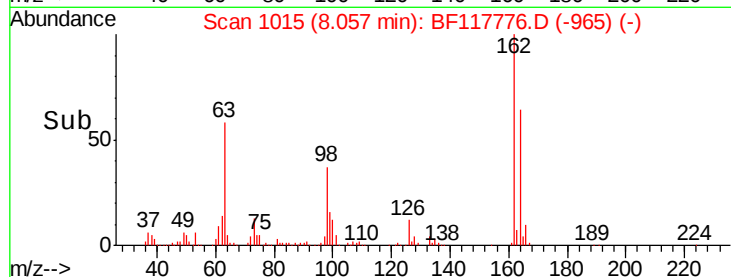


Abundance

Ion 162.00 (161.70 to 162.70): E

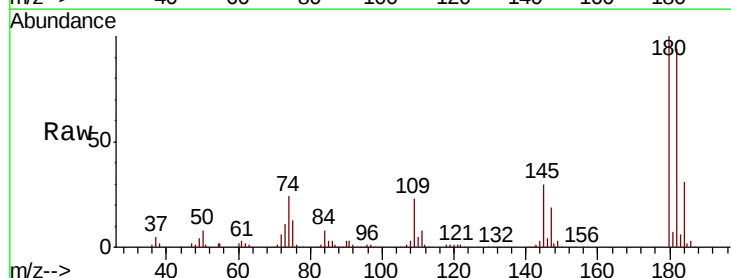
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 22.229 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	30.1	25.5	38.3

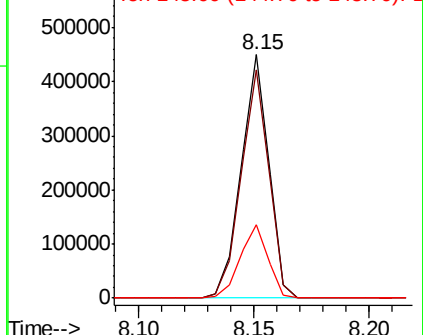
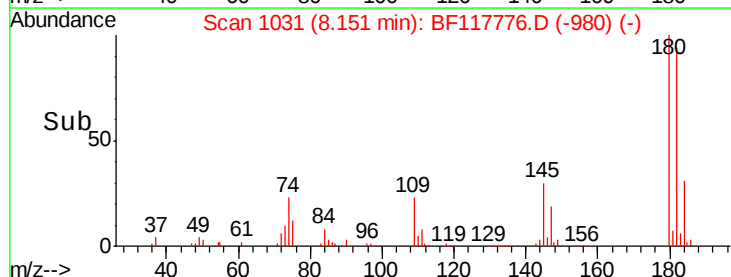


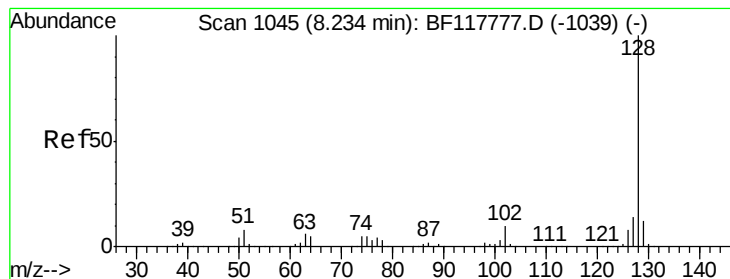
Abundance

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: 23.403 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

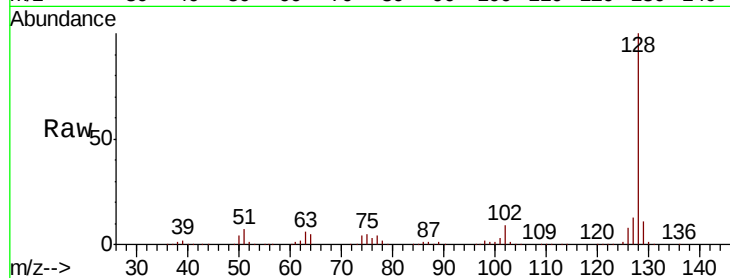
Tot Ion:128 Resp: 1105279

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

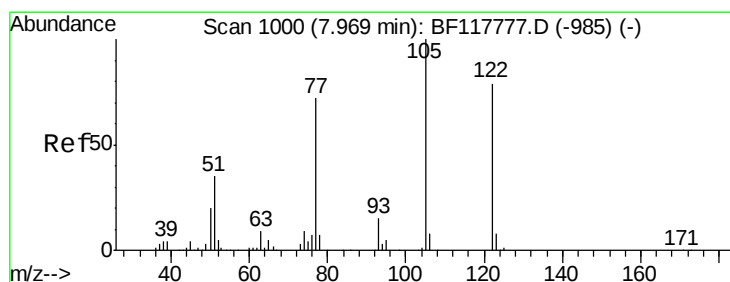
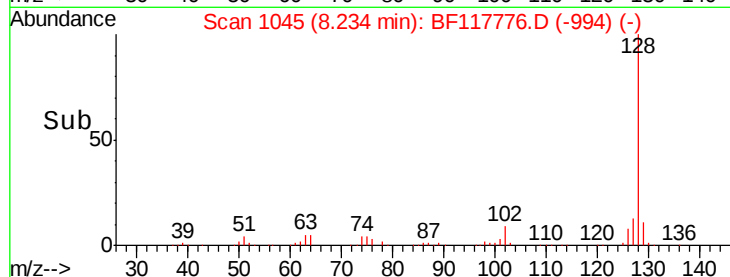
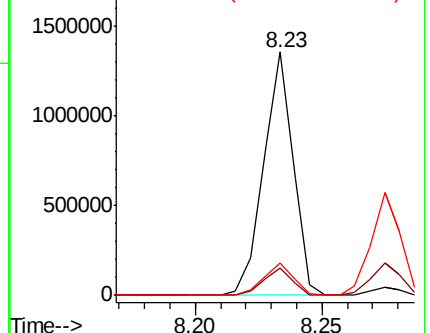
127 13.4 11.3 16.9



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: 18.508 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.03 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

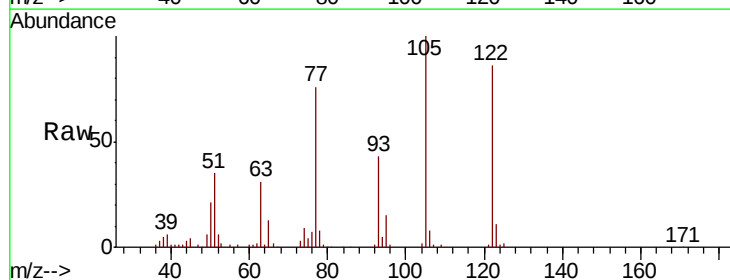
Tgt Ion:122 Resp: 209580

Ion Ratio Lower Upper

122 100

105 116.7 102.7 142.7

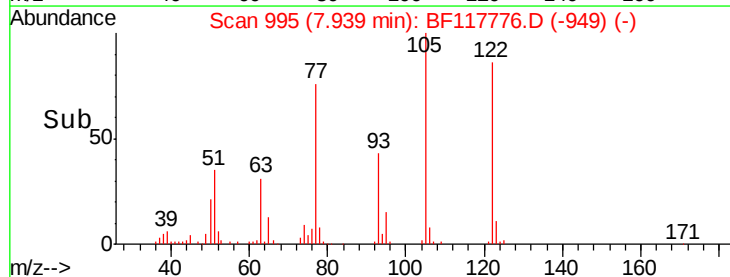
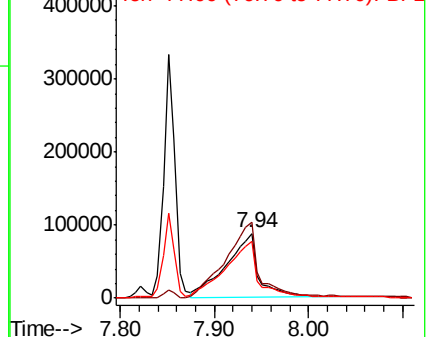
77 88.2 70.5 110.5

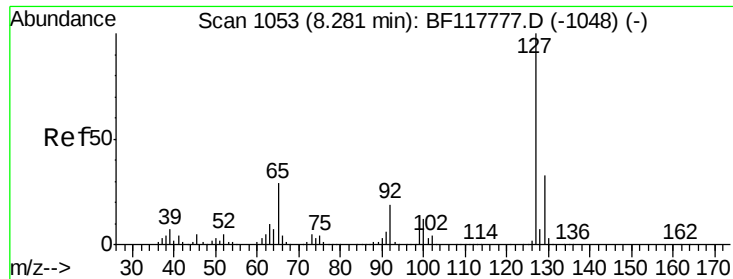


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

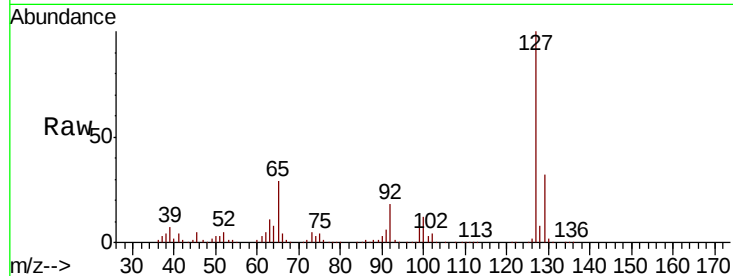




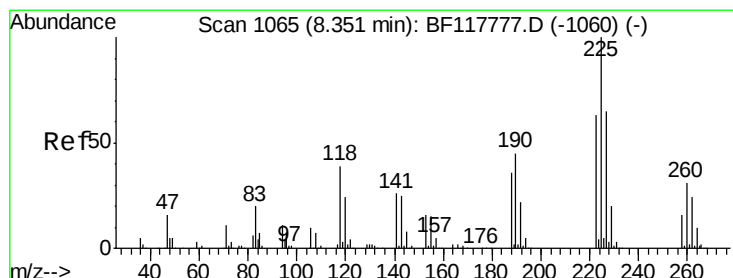
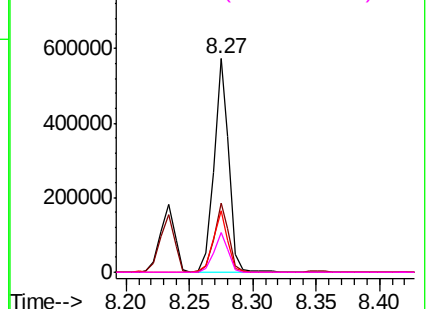
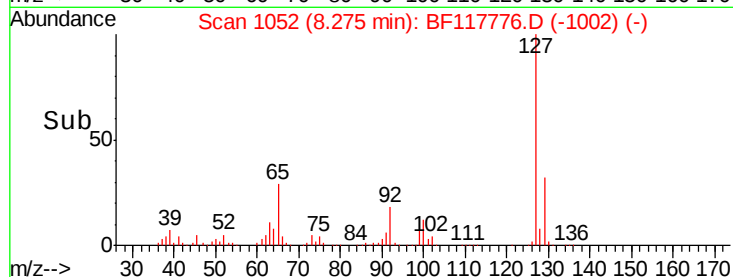
#33
4-Chloroaniline
Concen: 21.478 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	471331
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	28.7	22.9	34.3
92	18.4	15.0	22.6

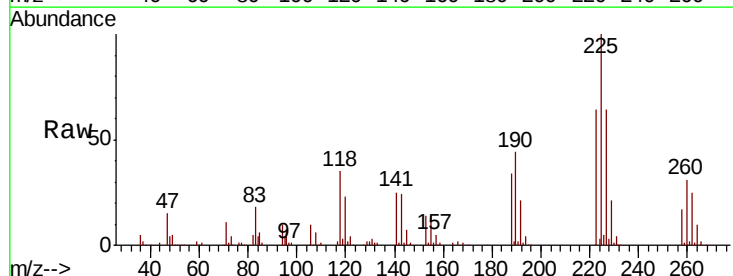


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

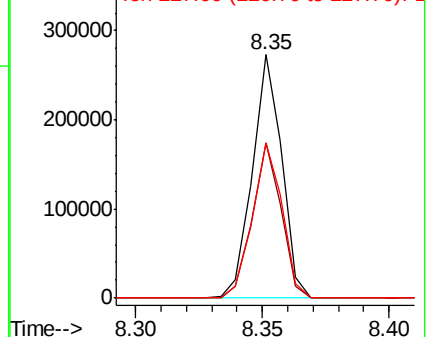
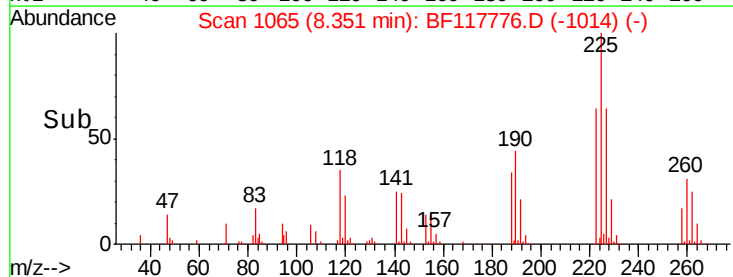


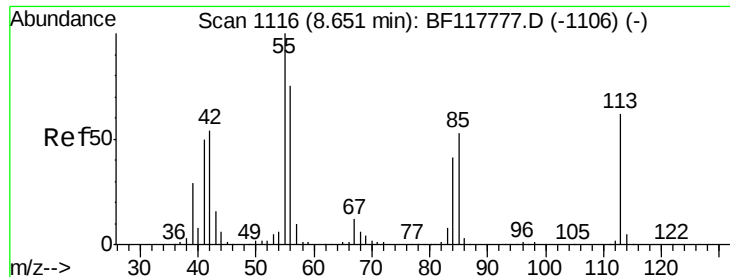
#34
Hexachlorobutadiene
Concen: 22.724 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:	225	Resp:	219556
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.0	75.0
227	63.6	51.8	77.6



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

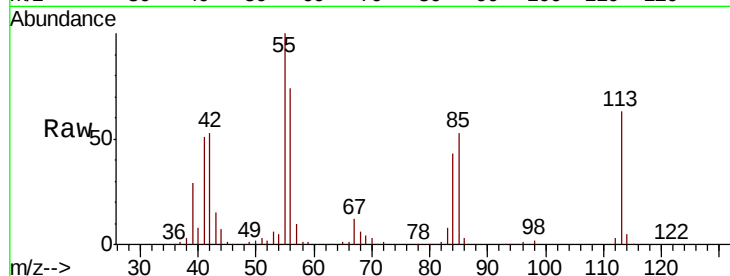




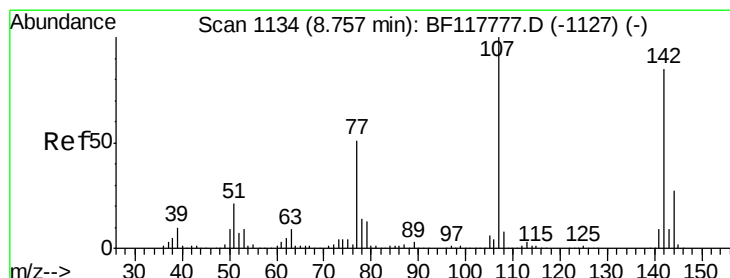
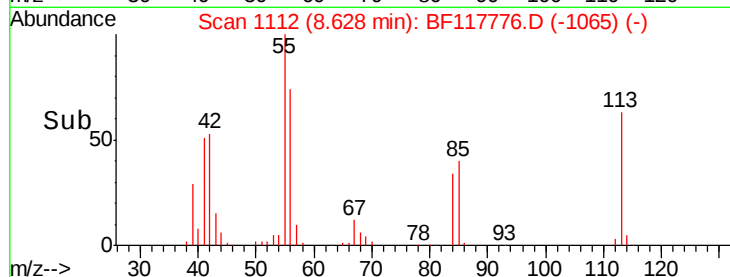
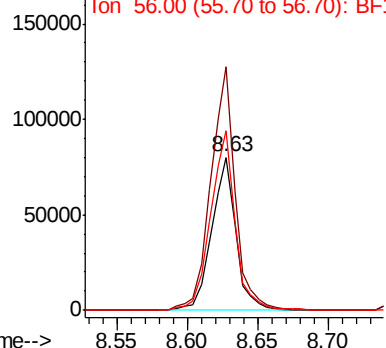
#35
Caprolactam
Concen: 19.623 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 95858
Ion Ratio Lower Upper
113 100
55 158.7 141.1 181.1
56 117.4 100.5 140.5

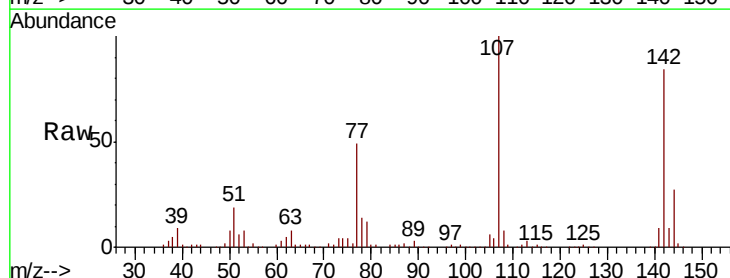


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

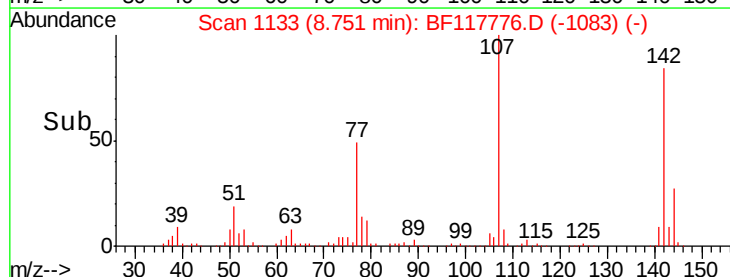
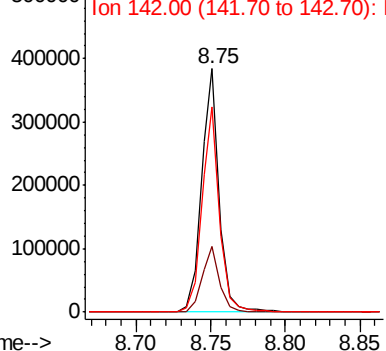


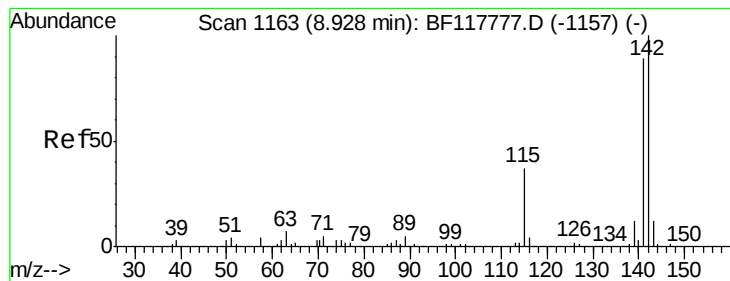
#36
4-Chloro-3-methylphenol
Concen: 21.607 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:107 Resp: 321345
Ion Ratio Lower Upper
107 100
144 26.9 21.9 32.9
142 84.1 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 23.044 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

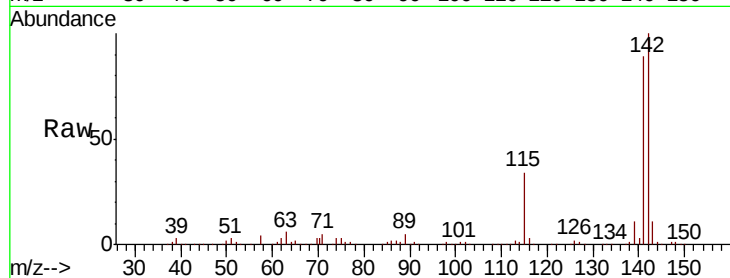
Tot Ion:142 Resp: 740906

Ion Ratio Lower Upper

142 100

141 88.6 71.1 106.7

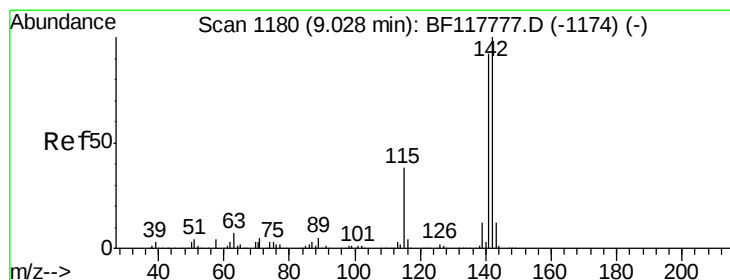
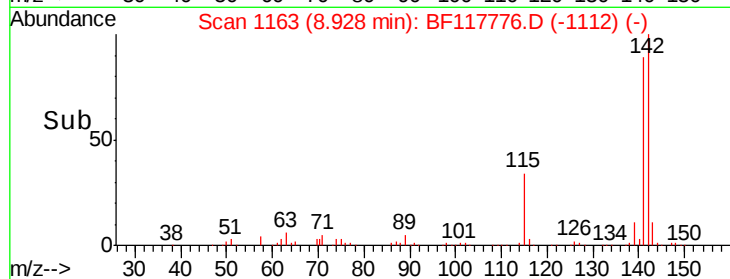
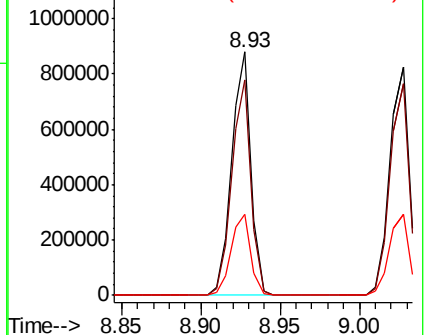
115 33.5 29.2 43.8



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: 22.911 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

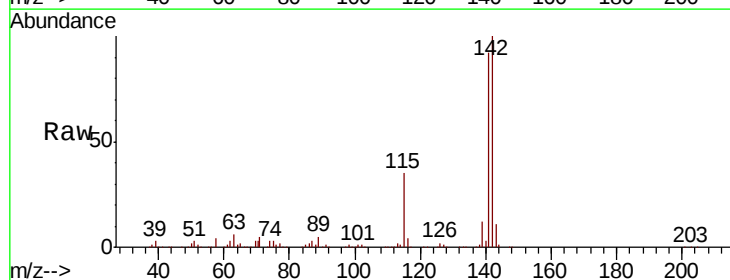
Tgt Ion:142 Resp: 699522

Ion Ratio Lower Upper

142 100

141 92.3 73.5 110.3

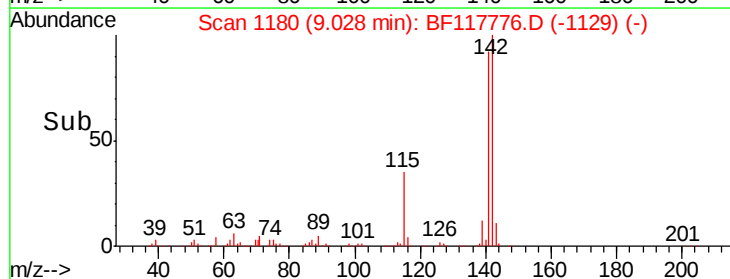
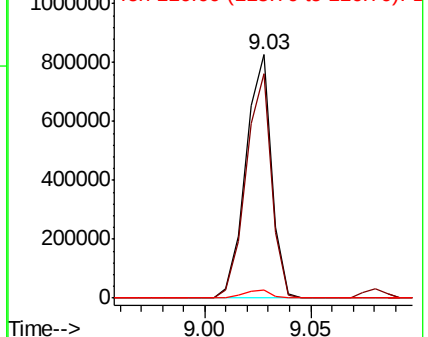
116 3.5 3.2 4.8

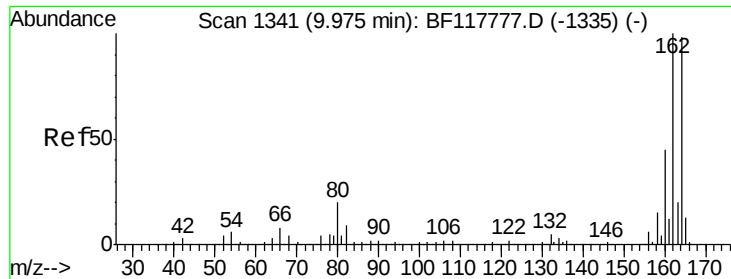


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

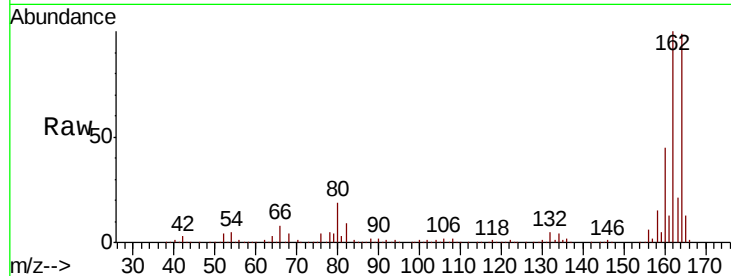




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.3	121.9
160	45.6	36.6	55.0

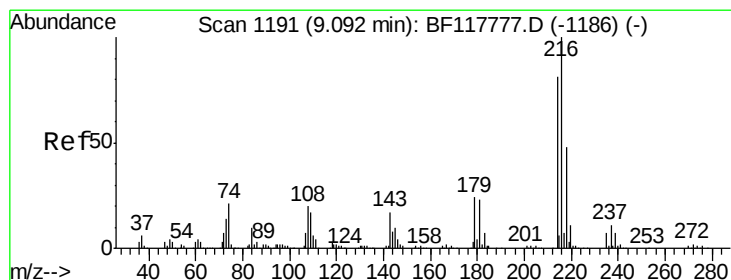
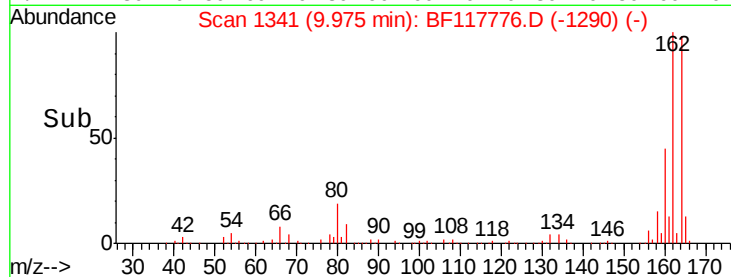
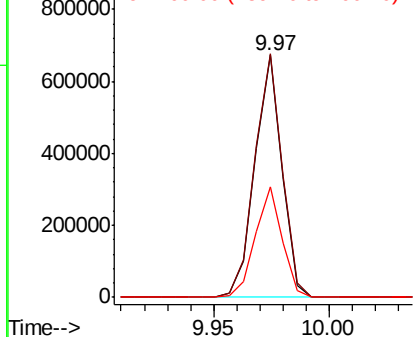


Abundance

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: 23.284 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	22.0	18.2	27.4
108	19.2	16.0	24.0

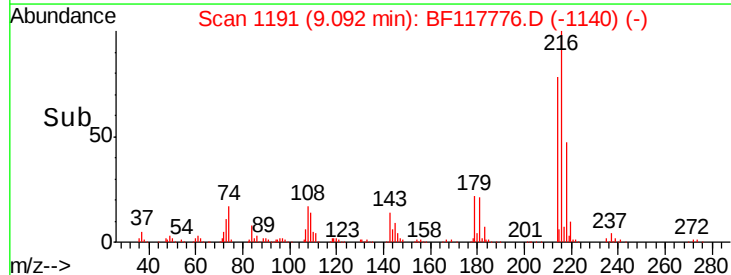
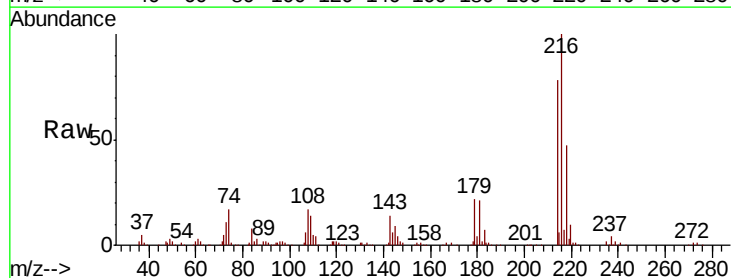
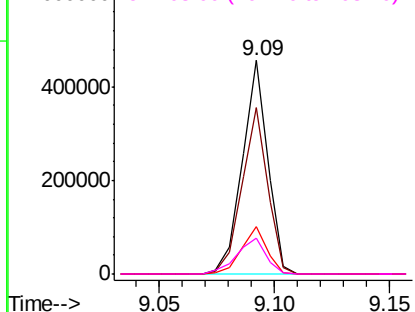
Abundance

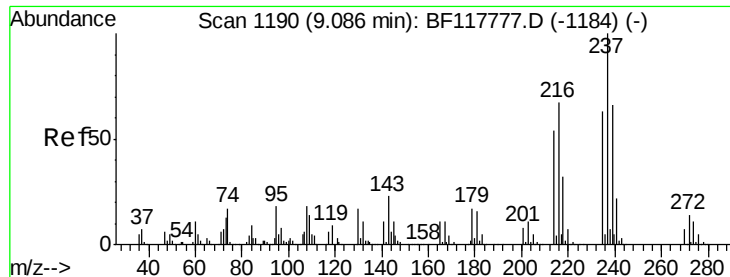
Ion 216.00 (215.70 to 216.70): E

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: 22.657 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

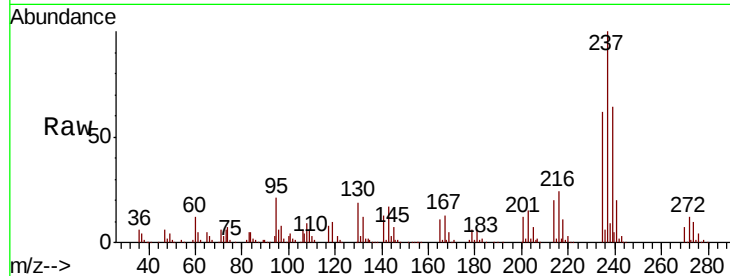
Tot Ion:237 Resp: 184644

Ion Ratio Lower Upper

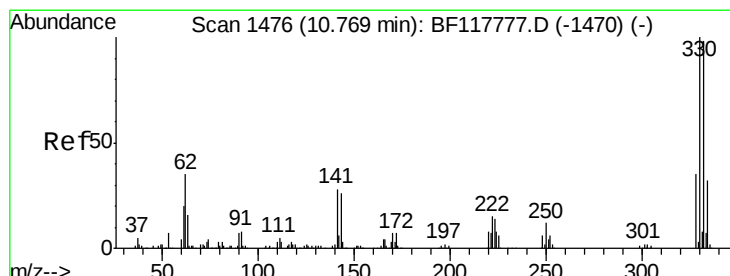
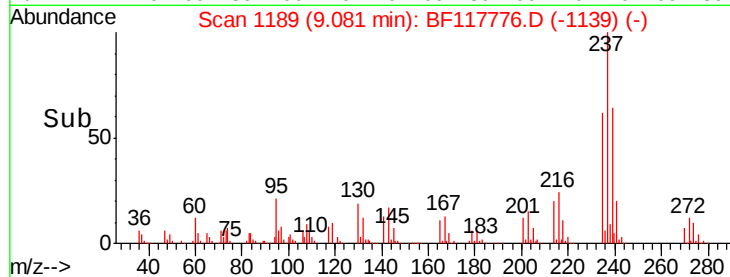
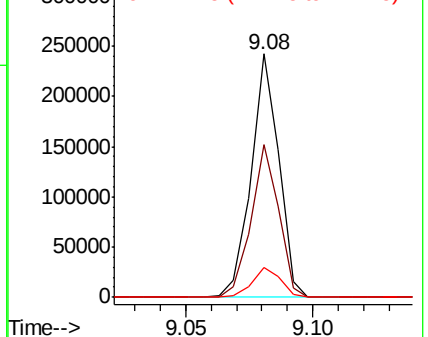
237 100

235 62.5 42.6 82.6

272 12.3 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: 47.253 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

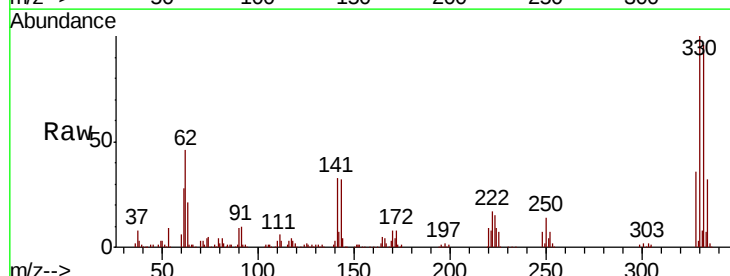
Tgt Ion:330 Resp: 255234

Ion Ratio Lower Upper

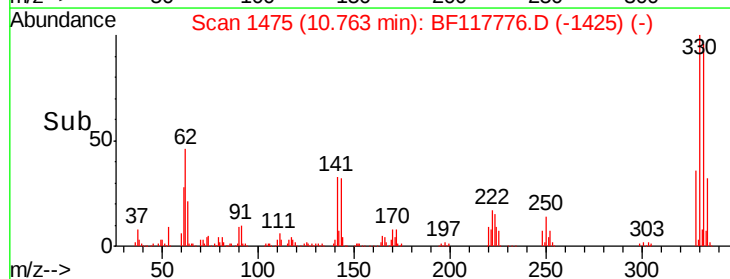
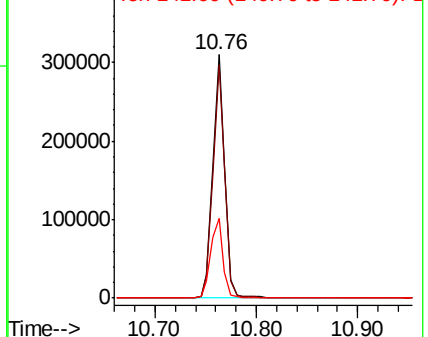
330 100

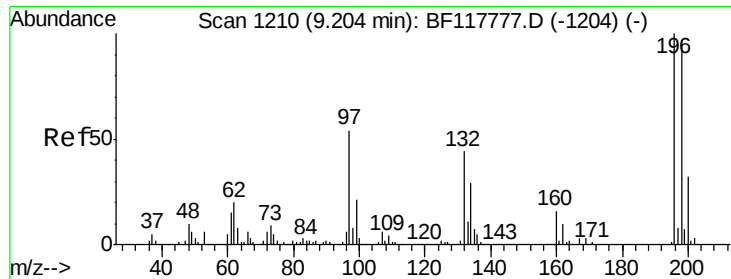
332 95.7 76.7 115.1

141 33.6 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

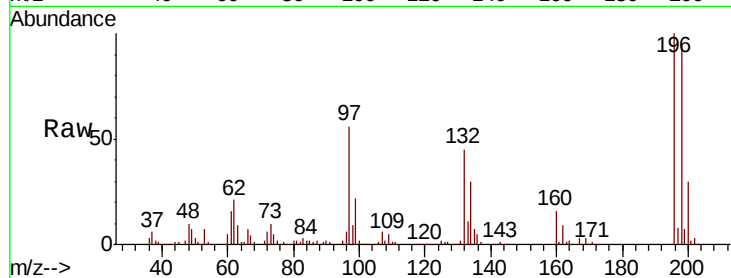




#43
 2,4,6-Trichlorophenol
 Concen: 21.915 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	241111
Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.8	116.6
200	30.2	25.4	38.0

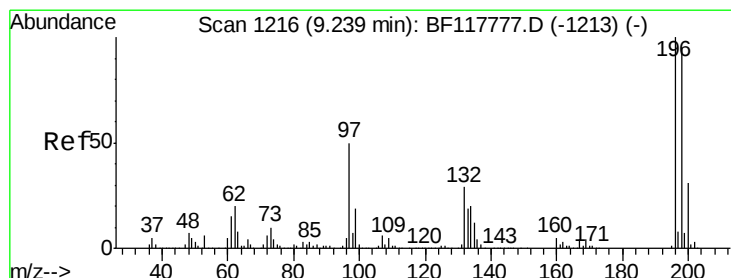
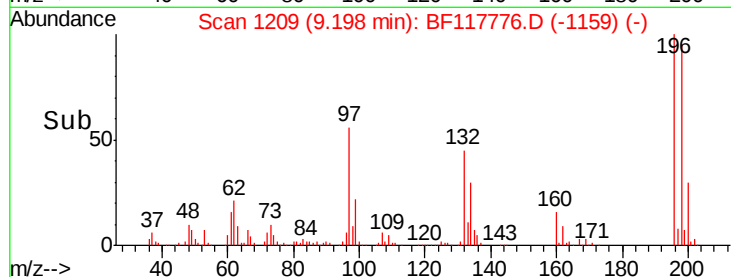
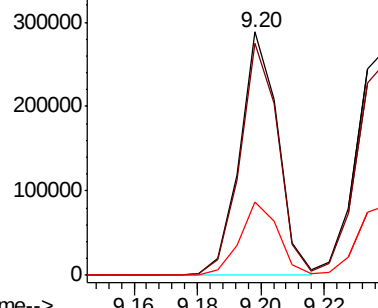


Abundance

Ion 196.00 (195.70 to 196.70): E

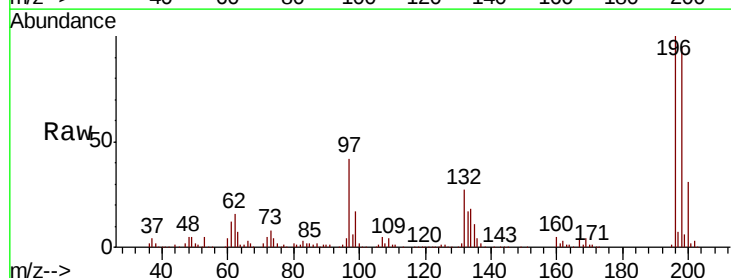
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 22.856 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Tgt Ion	196	Resp	254886
Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.3	114.5
97	42.3	40.0	60.0
132	26.7	23.6	35.4



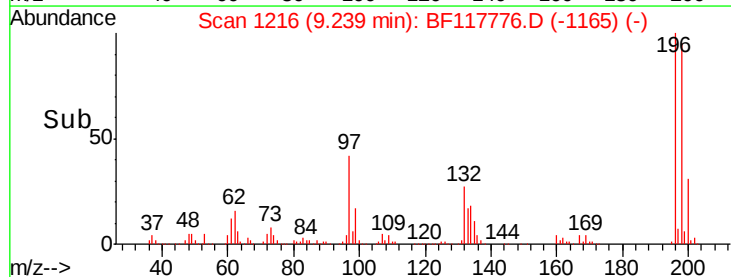
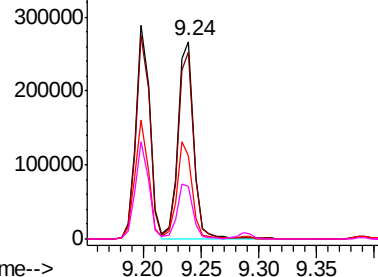
Abundance

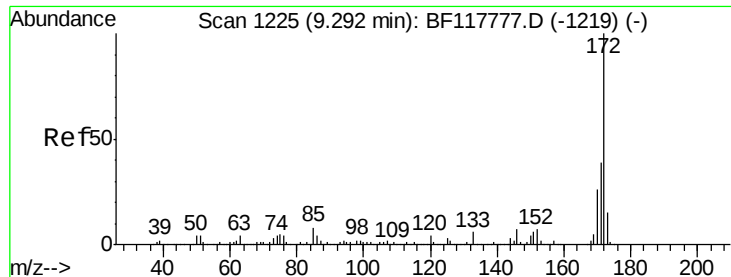
Ion 196.00 (195.70 to 196.70): E

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

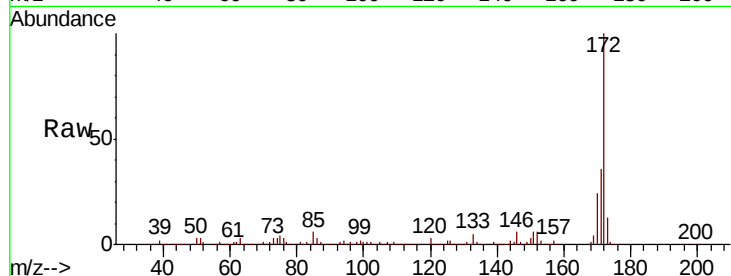




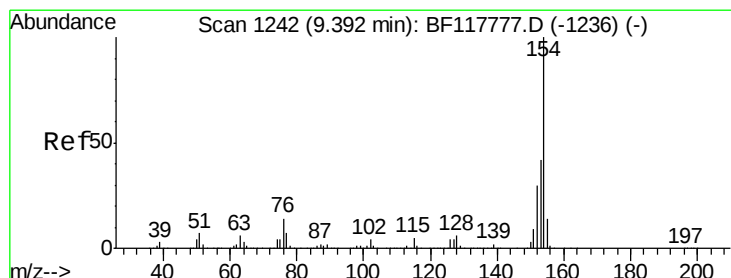
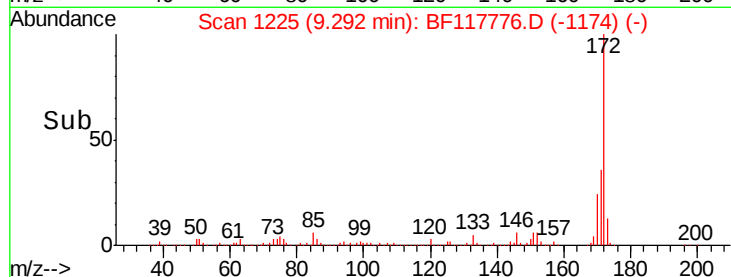
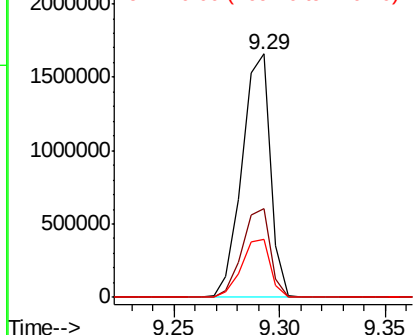
#45
2-Fluorobiphenyl
Concen: 55.231 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1545681
Ion Ratio Lower Upper
172 100
171 36.2 30.9 46.3
170 24.1 21.0 31.4

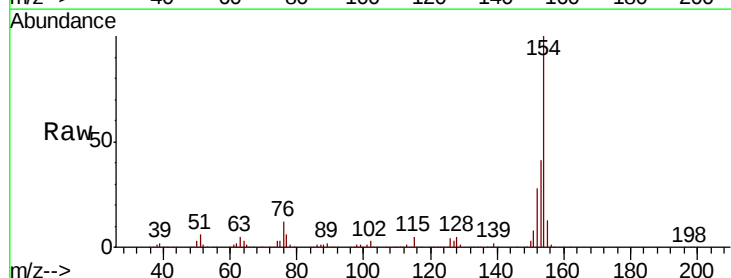


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

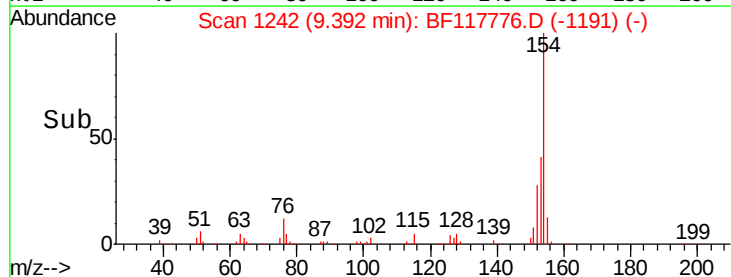
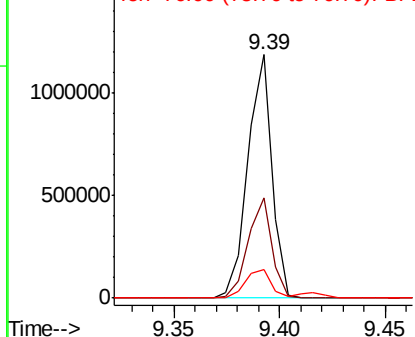


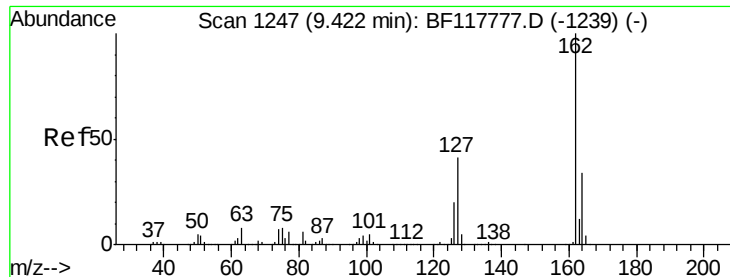
#46
1,1'-Biphenyl
Concen: 24.341 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:154 Resp: 941307
Ion Ratio Lower Upper
154 100
153 40.9 21.9 61.9
76 11.7 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

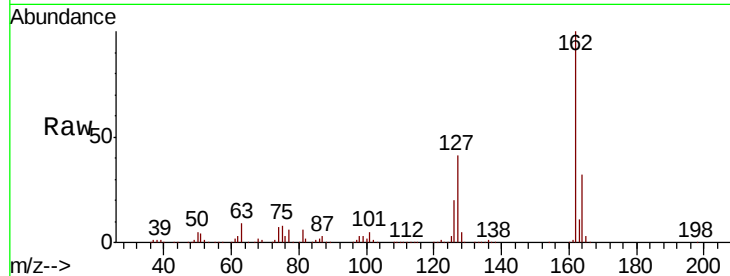




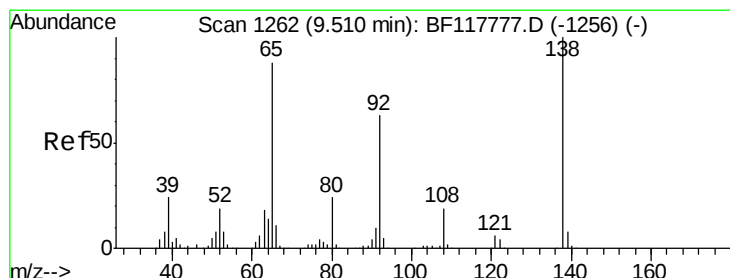
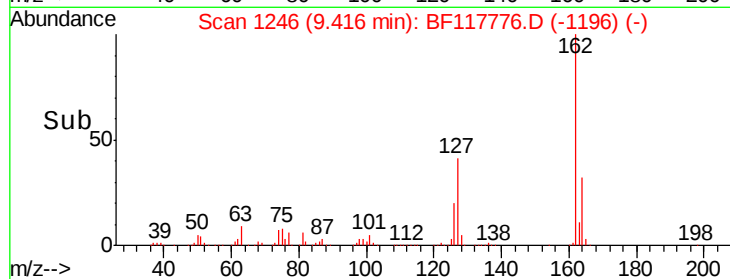
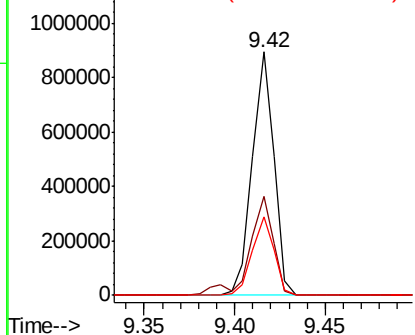
#47
 2-Chloronaphthalene
 Concen: 23.130 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	742288
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.2	49.8
164	32.4	27.3	40.9

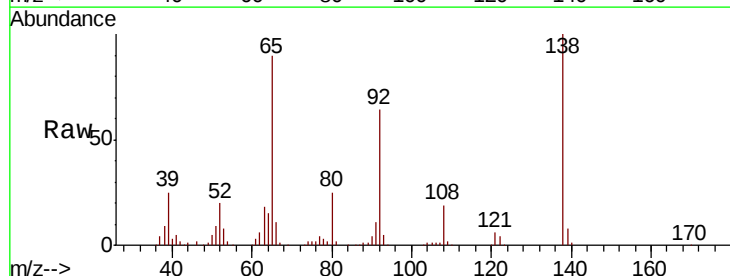


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

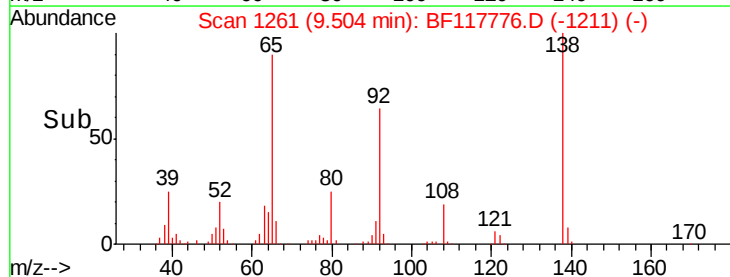
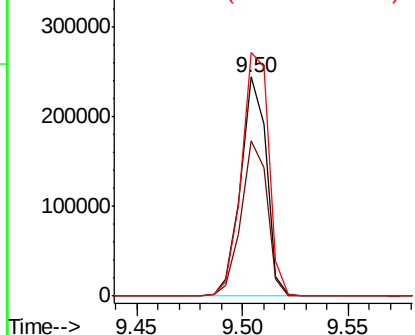


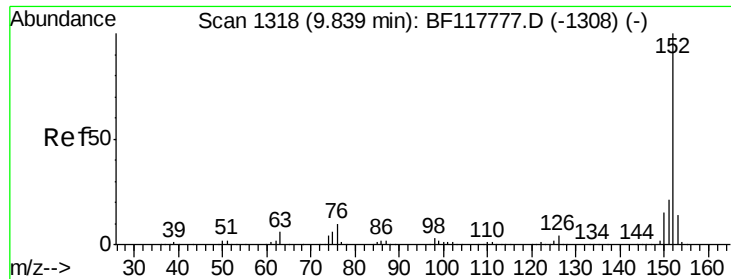
#48
 2-Nitroaniline
 Concen: 20.445 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Tgt Ion:	65	Resp:	205617
Ion	Ratio	Lower	Upper
65	100		
92	70.8	56.6	84.8
138	111.1	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: 23.809 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

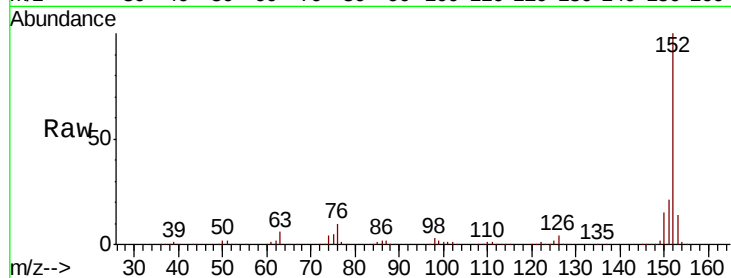
Tot Ion:152 Resp: 1112742

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.6

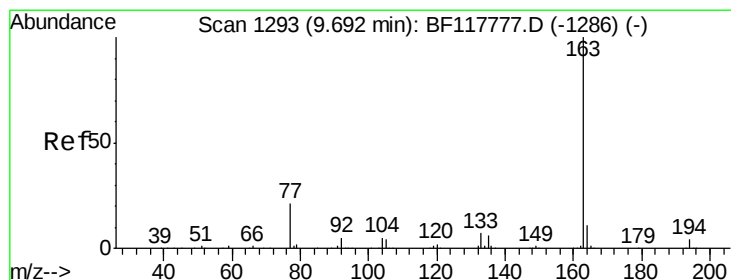
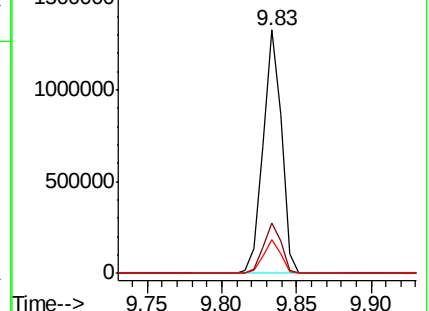
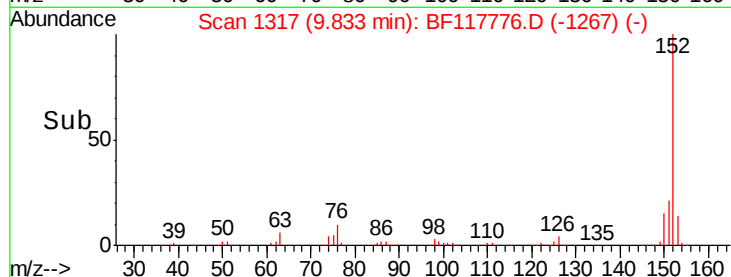
153 13.7 11.0 16.6



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: 22.642 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

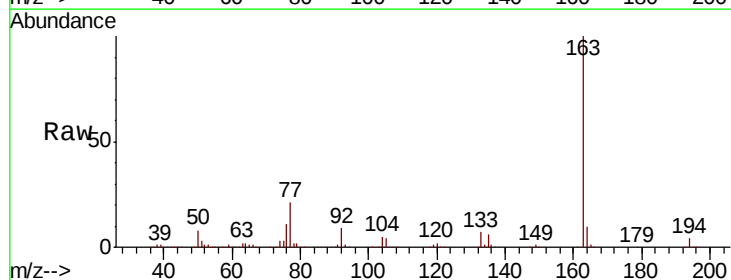
Tgt Ion:163 Resp: 845181

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

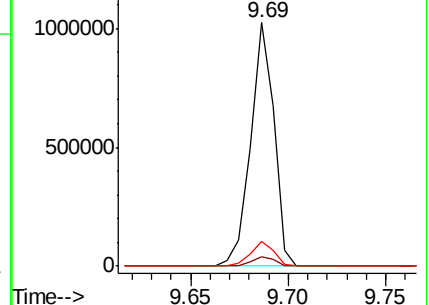
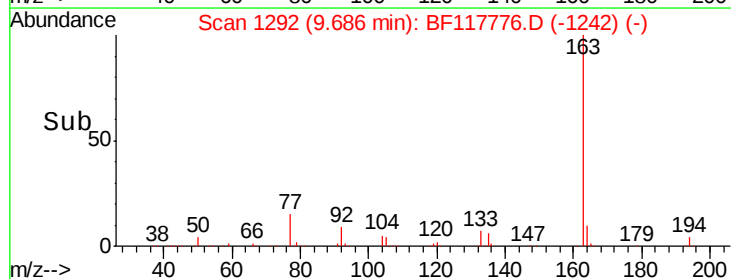
164 10.2 8.7 13.1

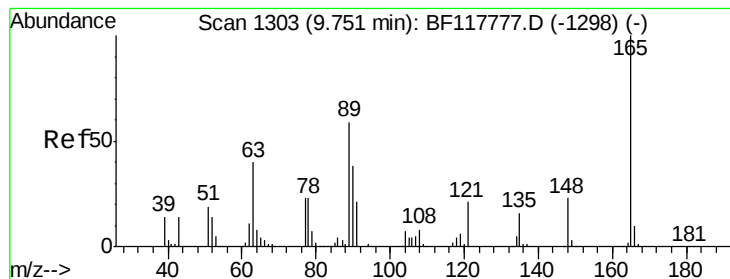


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 20.827 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

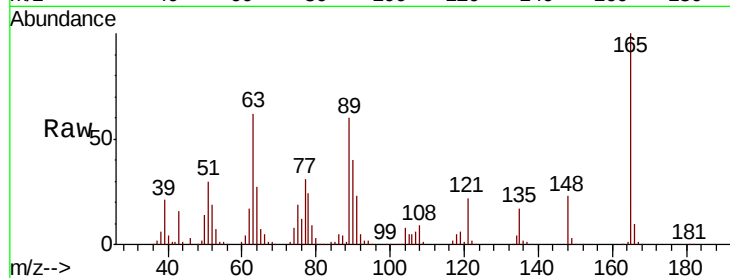
Tot Ion:165 Resp: 174084

Ion Ratio Lower Upper

165 100

63 62.3 46.0 69.0

89 60.1 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

250000

200000

150000

100000

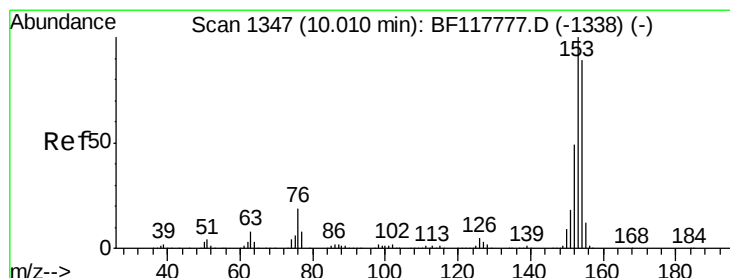
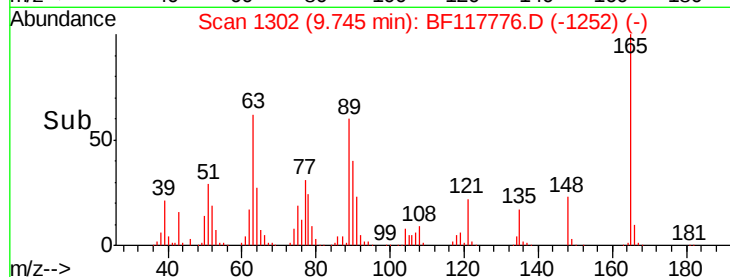
50000

0

9.70

9.75

Time-->



#52

Acenaphthene

Concen: 23.010 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

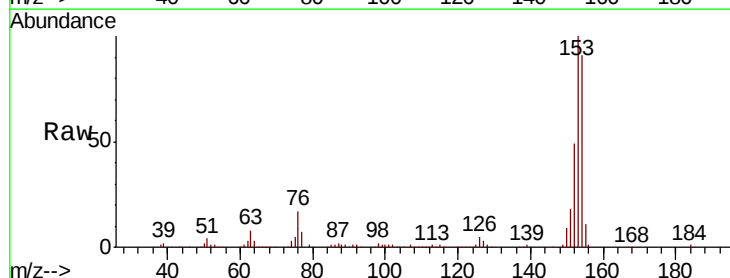
Tgt Ion:154 Resp: 693930

Ion Ratio Lower Upper

154 100

153 109.7 90.1 135.1

152 53.5 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

1000000

800000

600000

400000

200000

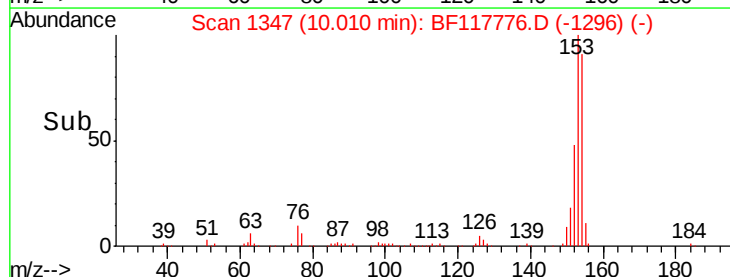
0

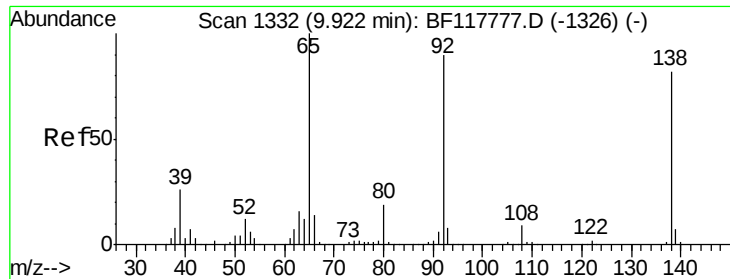
9.90

10.01

10.10

Time-->

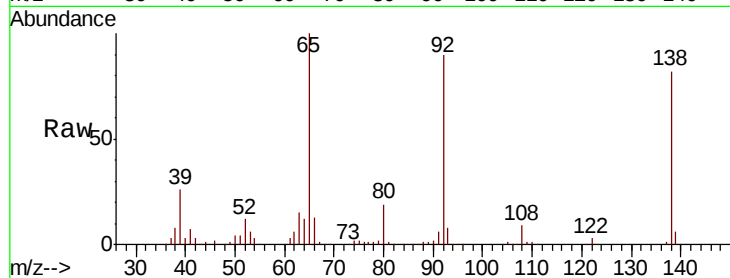




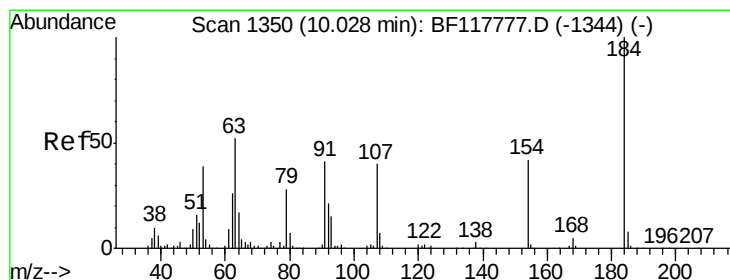
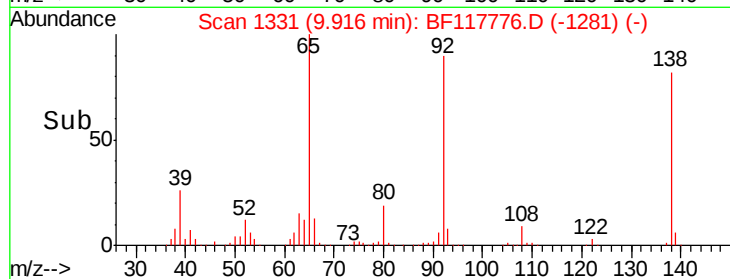
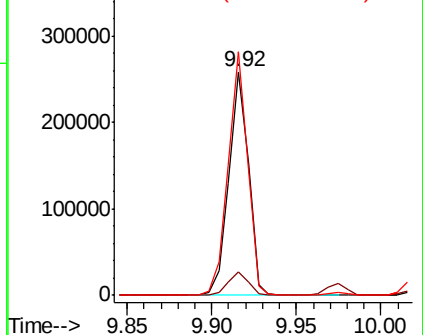
#53
3-Nitroaniline
Concen: 20.597 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 207702
Ion Ratio Lower Upper
138 100
108 10.6 8.6 12.8
92 109.0 87.9 131.9

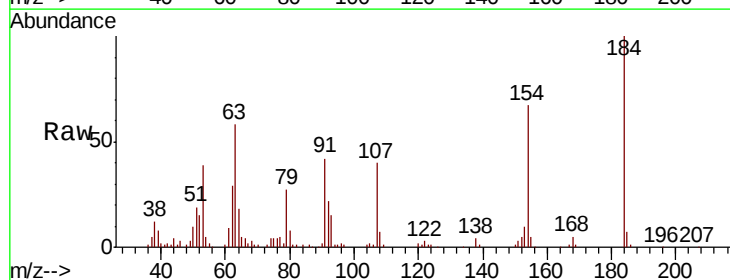


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

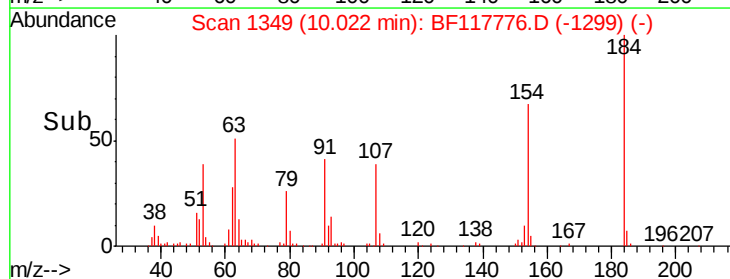
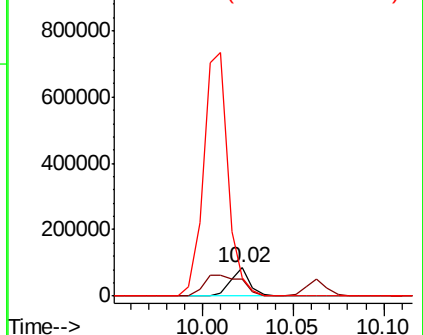


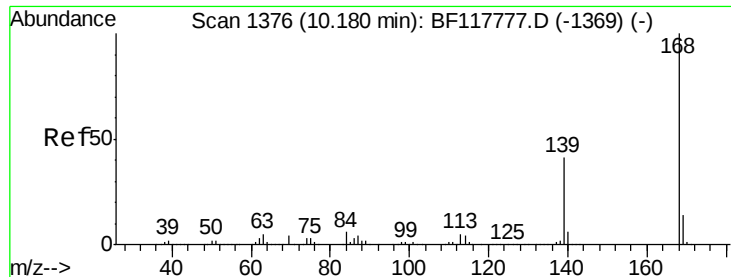
#54
2,4-Dinitrophenol
Concen: 21.882 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:184 Resp: 62706
Ion Ratio Lower Upper
184 100
63 58.2 43.0 64.6
154 66.6 48.0 72.0



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

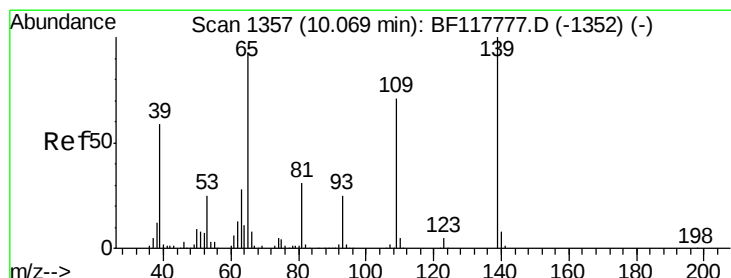
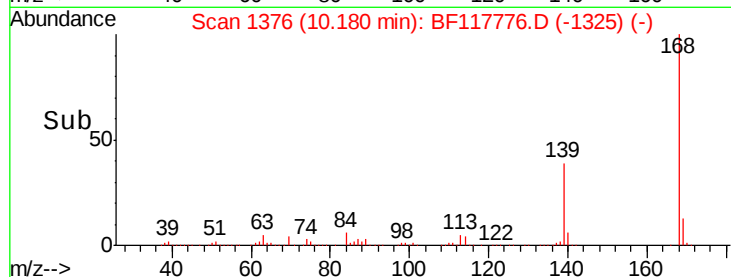
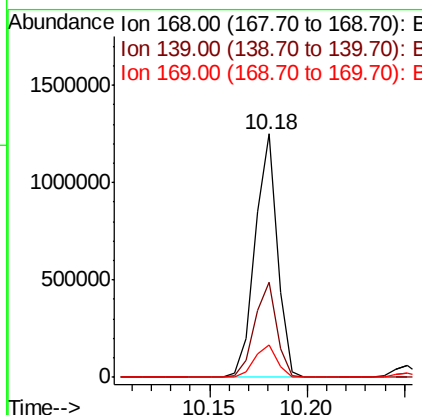
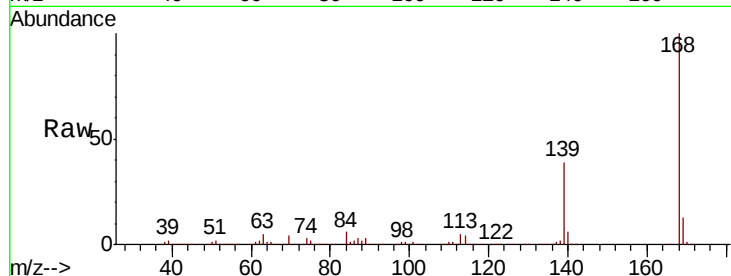




#55
Dibenzenofuran
Concen: 23.347 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

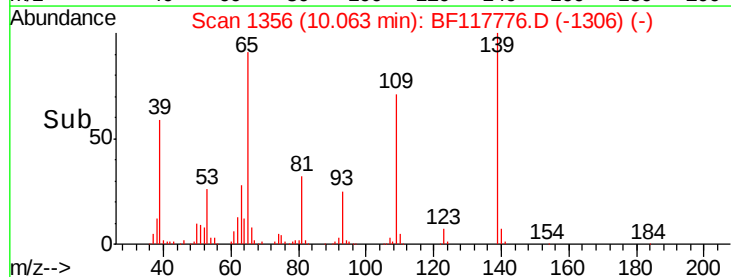
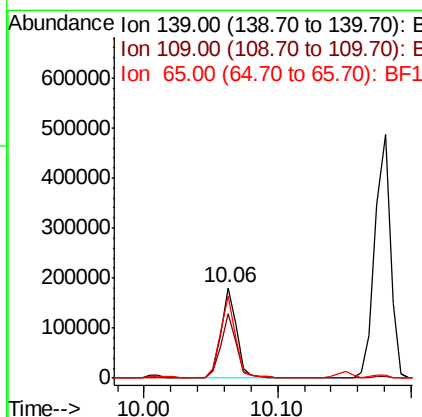
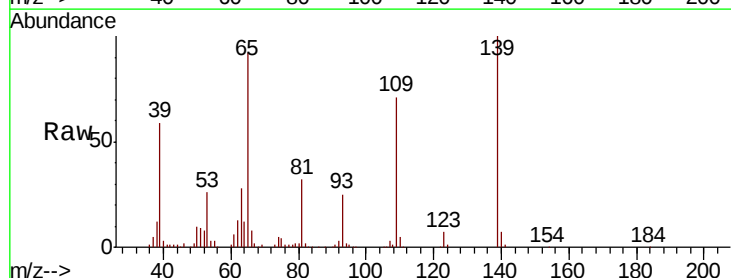
Instrument :
BNA_F
ClientSampleId :

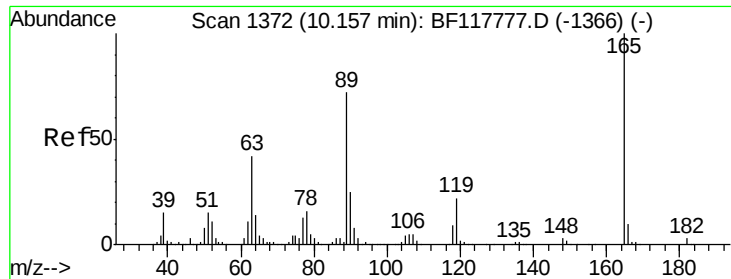
Tot Ion:168 Resp: 985239
Ion Ratio Lower Upper
168 100
139 38.9 33.0 49.6
169 13.3 11.5 17.3



#56
4-Nitrophenol
Concen: 20.102 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:139 Resp: 152448
Ion Ratio Lower Upper
139 100
109 71.4 50.8 90.8
65 91.6 73.6 113.6

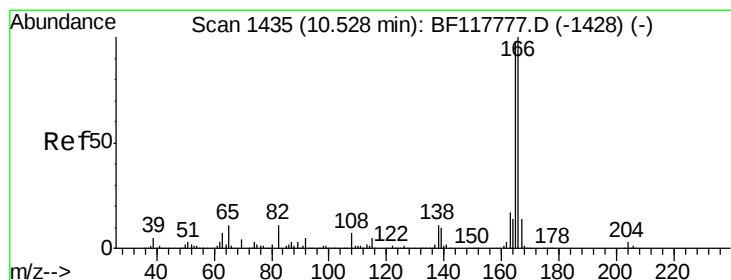
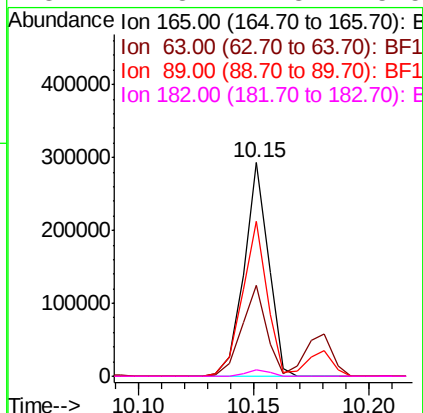
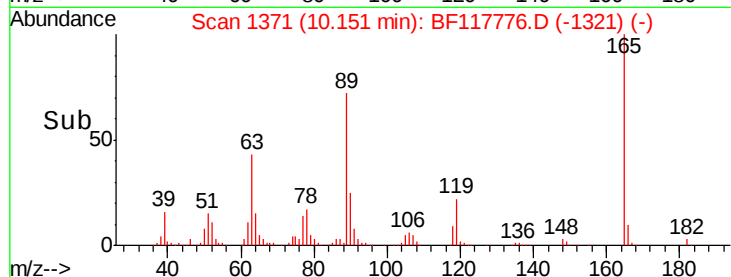
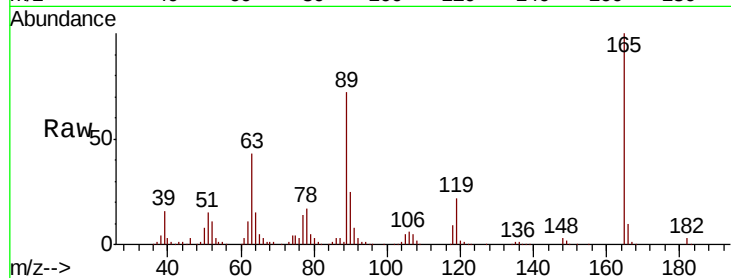




#57
2,4-Dinitrotoluene
Concen: 20.254 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

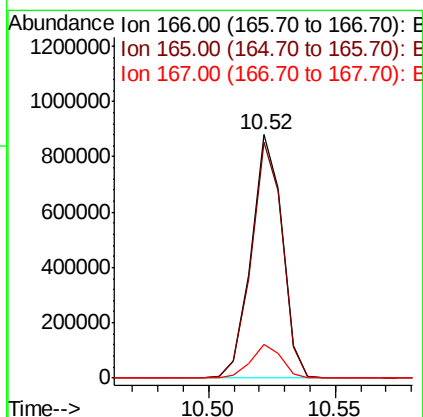
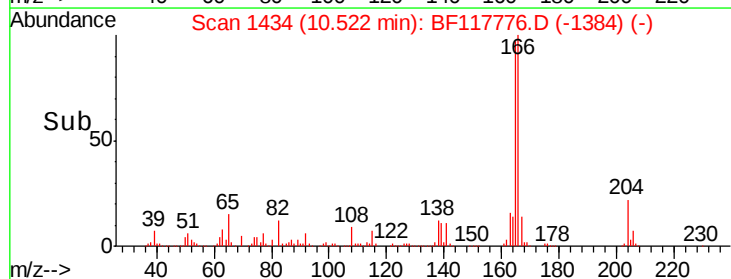
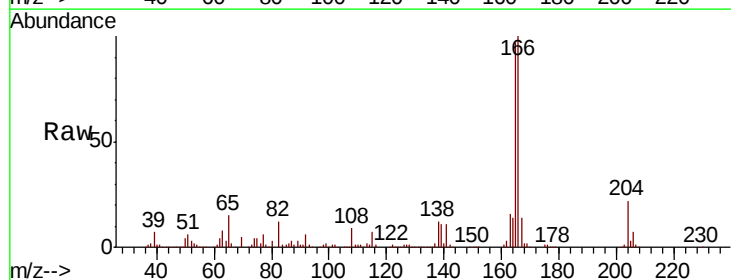
Instrument :
BNA_F
ClientSampleId :

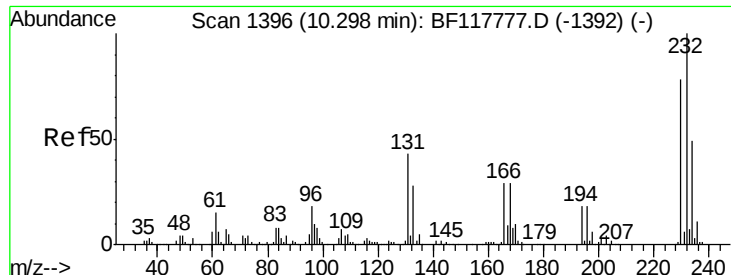
Tot Ion:	165	Resp:	217172
Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.7	50.5
89	72.5	57.3	85.9
182	2.8	2.3	3.5



#58
Fluorene
Concen: 24.131 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:	166	Resp:	750517
Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.4	117.6
167	13.9	11.0	16.4

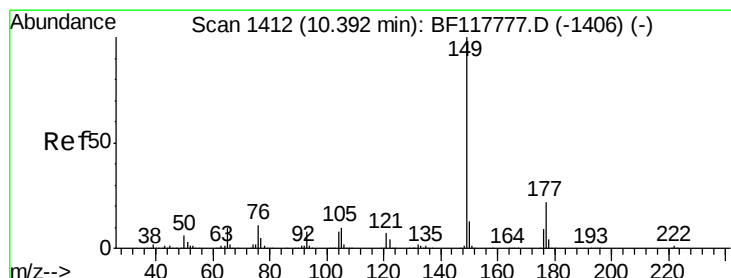
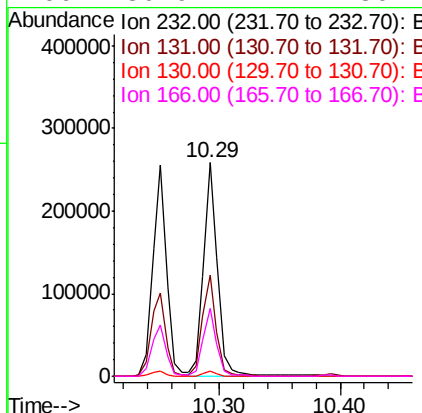
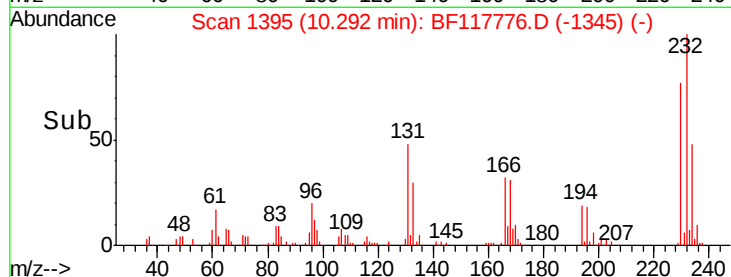
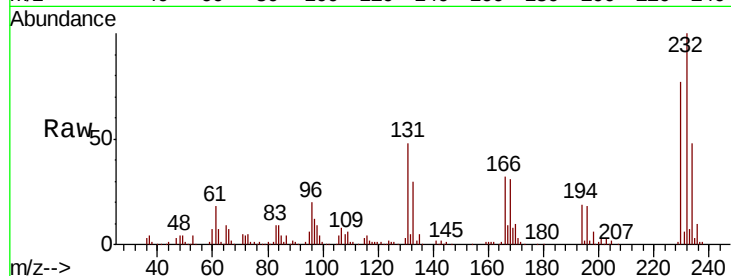




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 22.453 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

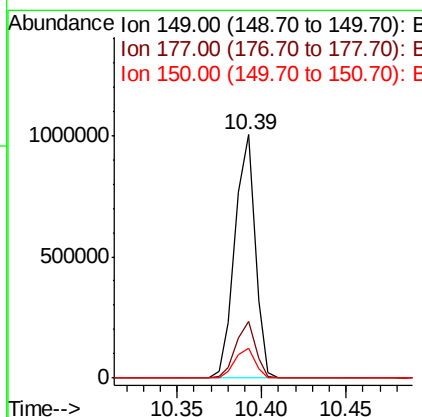
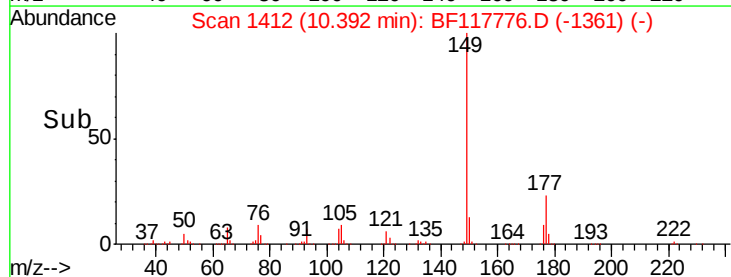
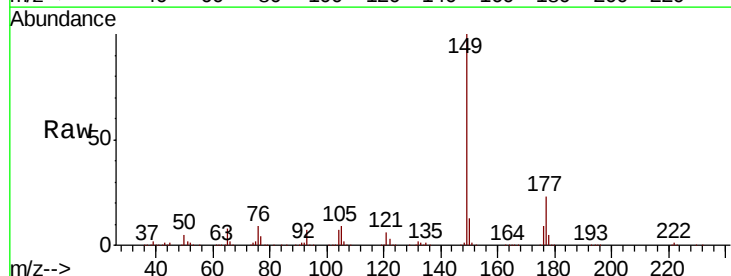
Instrument :
 BNA_F
 ClientSampleId :

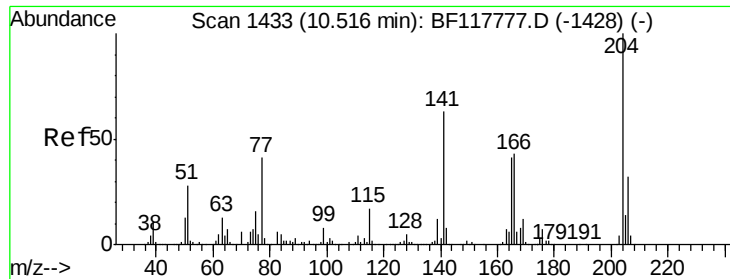
Tot Ion:232	Resp:	208141
Ion Ratio	Lower	Upper
232	100	
131	47.1	37.6 56.4
130	2.3	1.9 2.9
166	30.9	24.2 36.4



#60
 Diethylphthalate
 Concen: 22.803 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Tgt Ion:149	Resp:	837125
Ion Ratio	Lower	Upper
149	100	
177	23.4	18.0 27.0
150	12.5	10.5 15.7

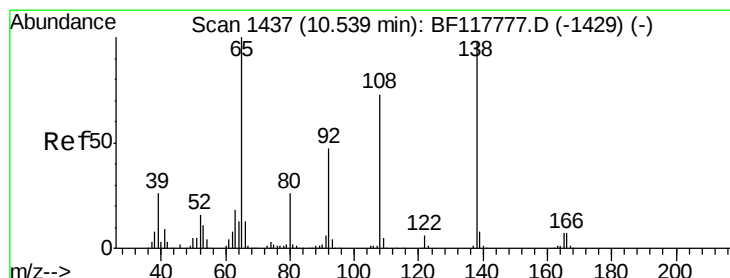
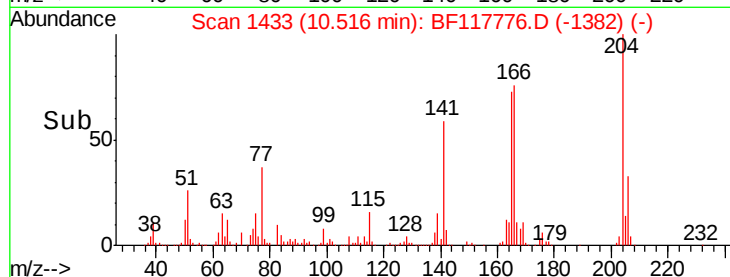
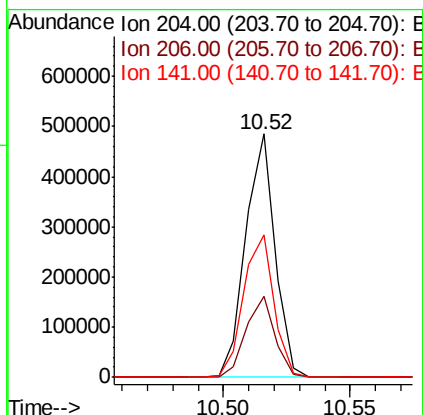
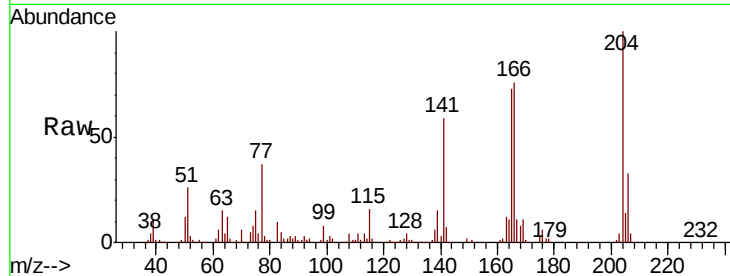




#61
4-Chlorophenyl-phenylether
Concen: 24.161 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

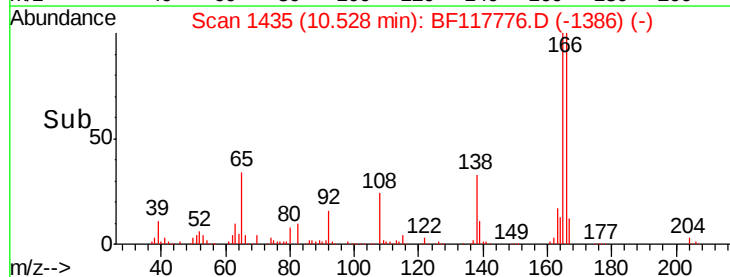
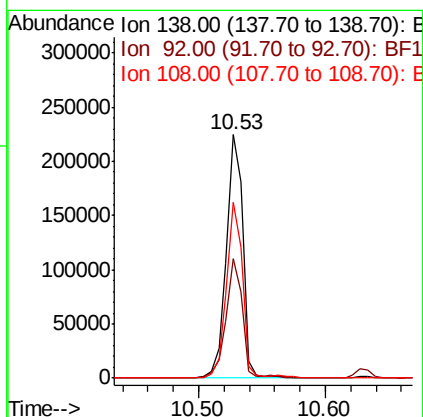
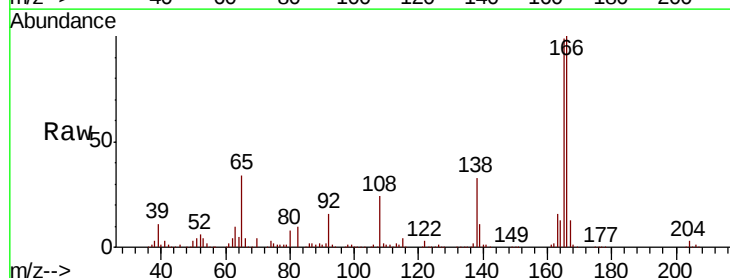
Instrument :
BNA_F
ClientSampled :

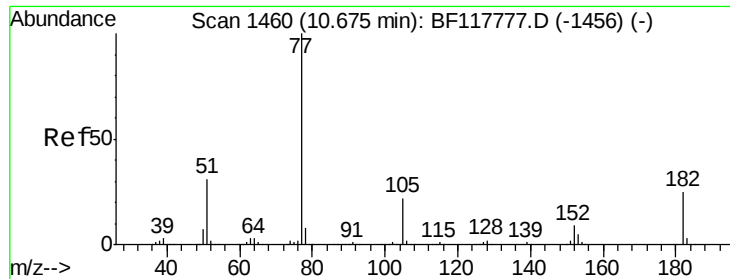
Tot Ion:204 Resp: 391180
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 58.6 50.7 76.1



#62
4-Nitroaniline
Concen: 20.391 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:138 Resp: 202390
Ion Ratio Lower Upper
138 100
92 49.3 28.3 68.3
108 72.1 54.3 94.3

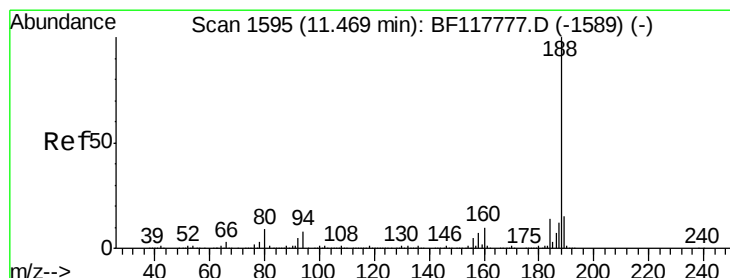
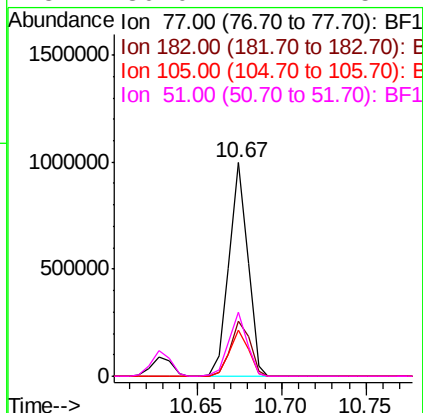
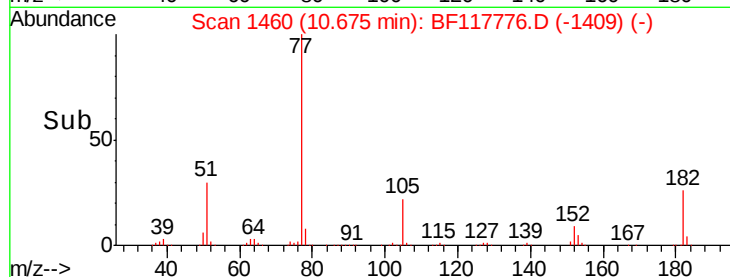
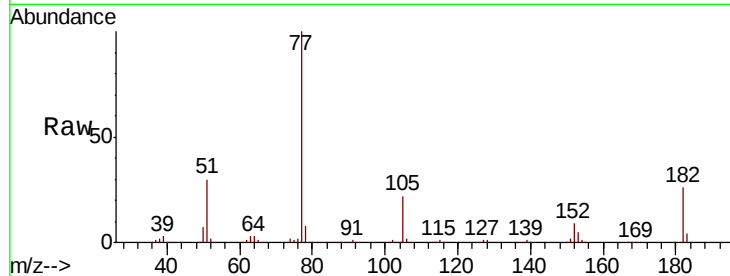




#63
Azobenzene
Concen: 22.195 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

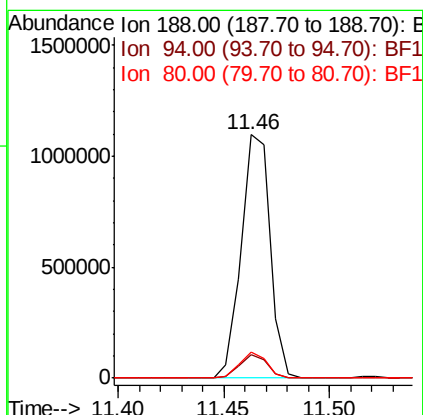
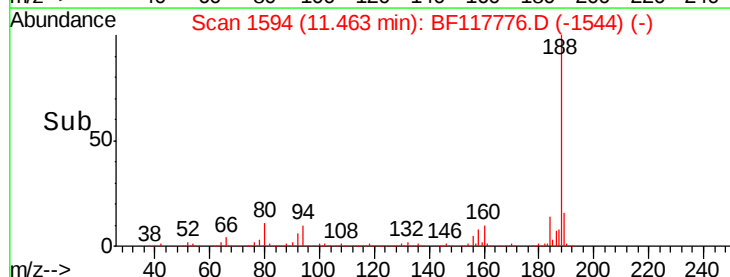
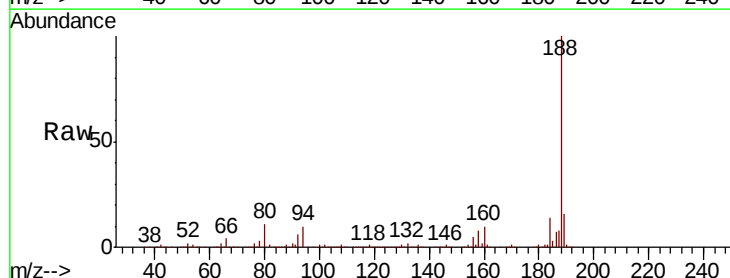
Instrument :
BNA_F
ClientSampleId :

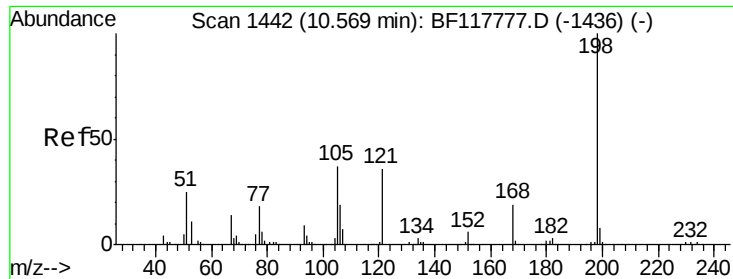
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	4.8	44.8	
105	21.8	2.1	42.1	
51	30.0	11.4	51.4	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	6.6	10.0	
80	10.6	7.2	10.8	

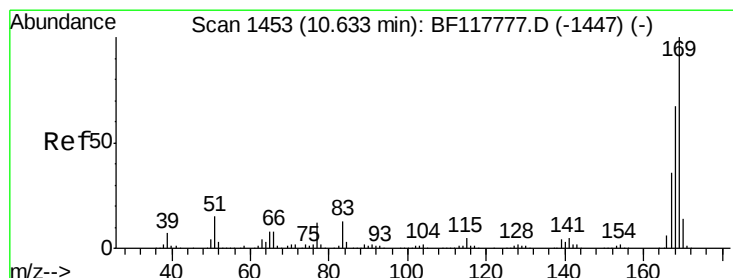
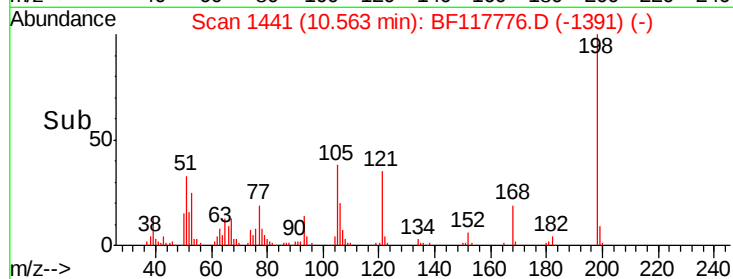
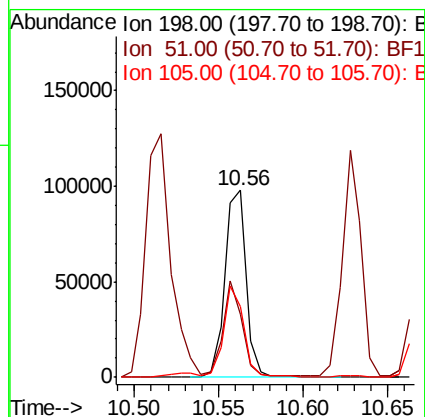
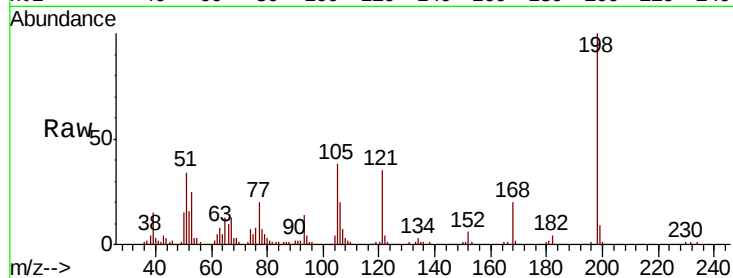




#65
4,6-Dinitro-2-methylphenol
Concen: 20.776 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

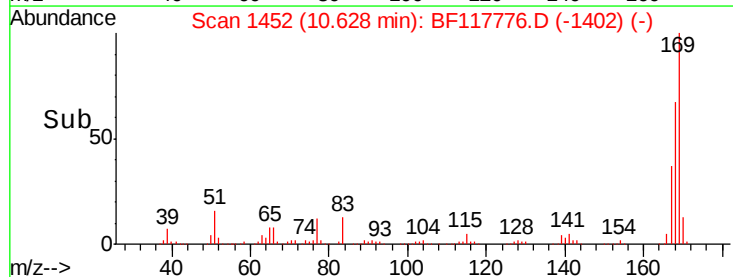
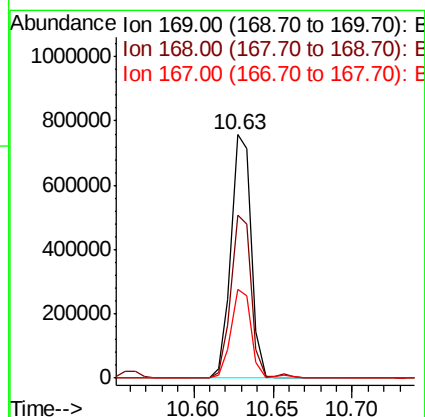
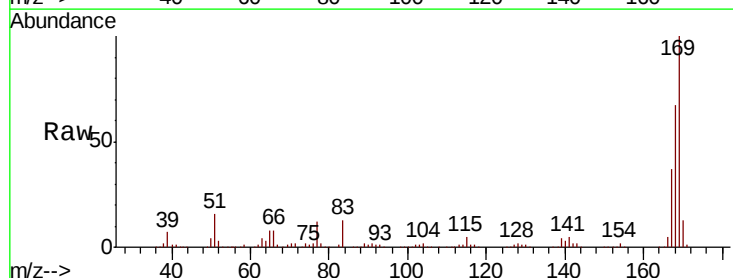
Instrument :
BNA_F
ClientSampleId :

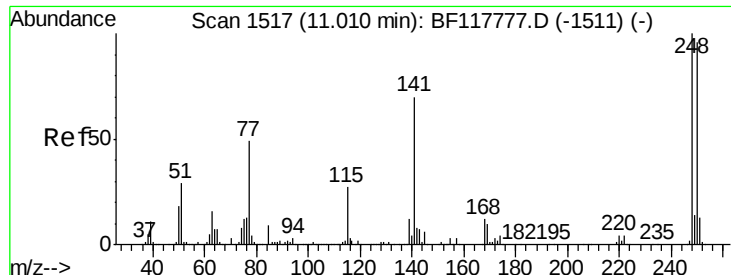
Tot Ion:198 Resp: 86385
Ion Ratio Lower Upper
198 100
51 33.6 16.0 56.0
105 37.5 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 21.874 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:169 Resp: 672720
Ion Ratio Lower Upper
169 100
168 67.0 53.5 80.3
167 36.5 29.0 43.4

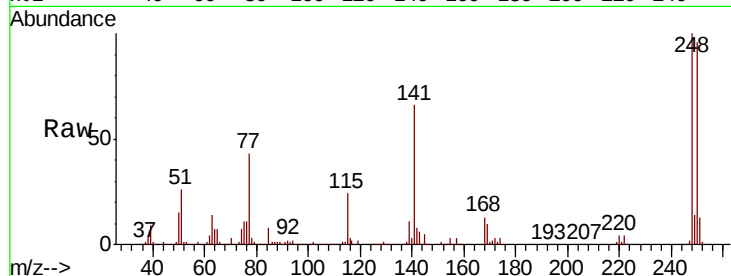




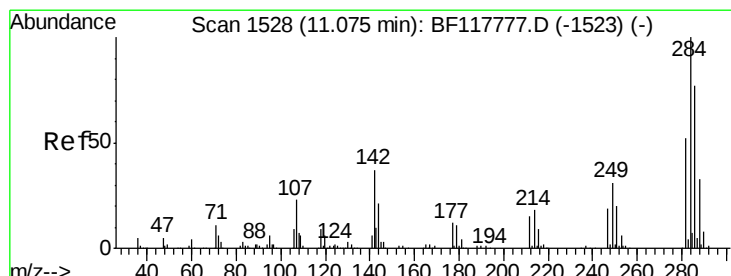
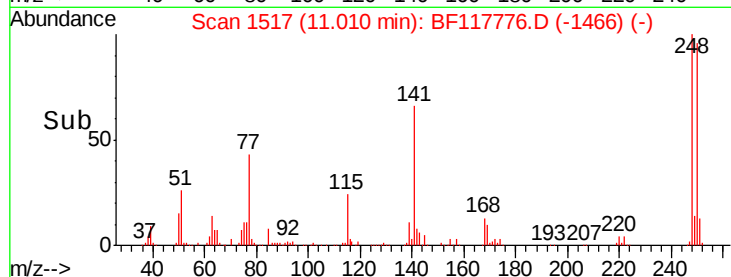
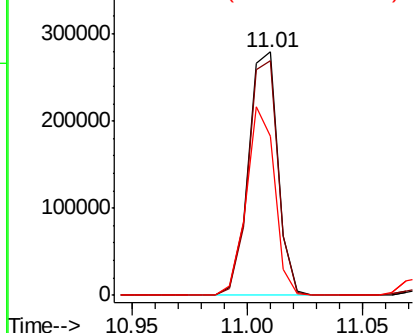
#67
4-Bromophenyl-phenylether
Concen: 22.011 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 250318
Ion Ratio Lower Upper
248 100
250 96.1 76.6 115.0
141 65.6 55.9 83.9

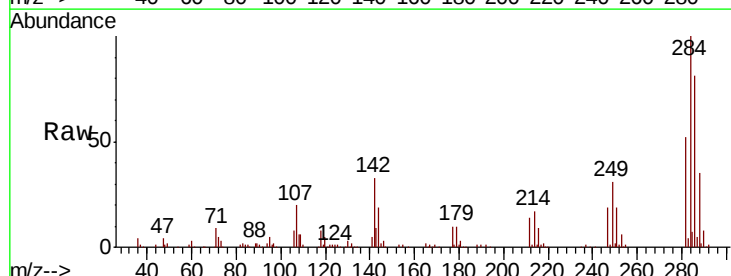


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

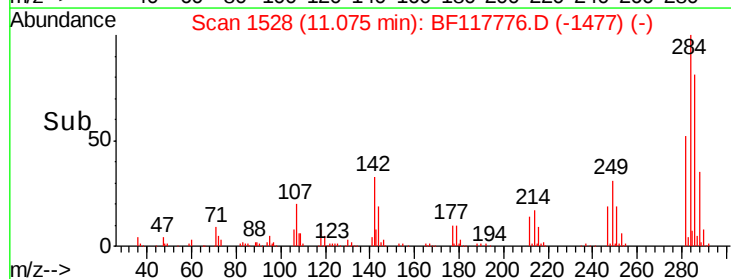
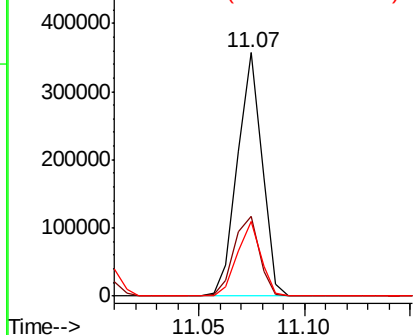


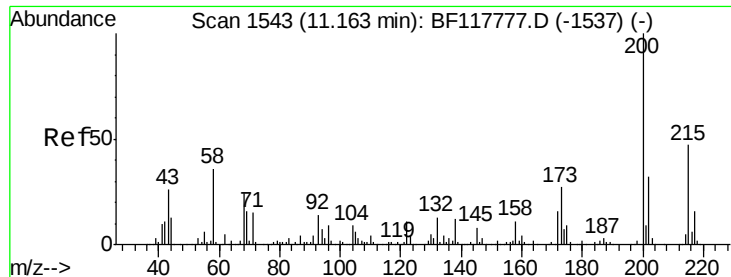
#68
Hexachlorobenzene
Concen: 21.798 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:284 Resp: 286367
Ion Ratio Lower Upper
284 100
142 32.8 29.4 44.2
249 30.8 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

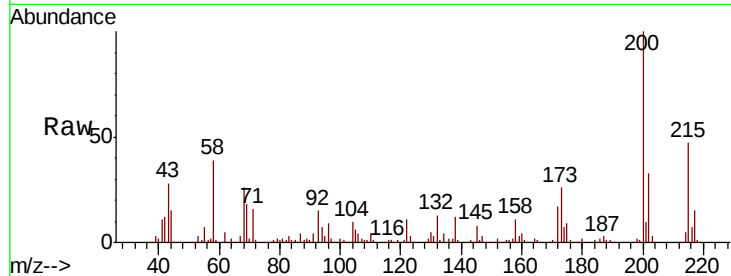




#69
Atrazine
Concen: 21.826 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.7	46.7
215	47.3	27.5	67.5

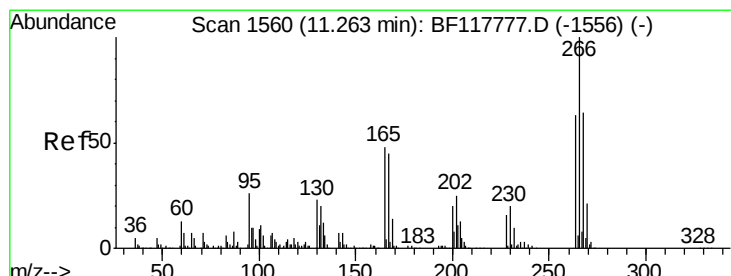
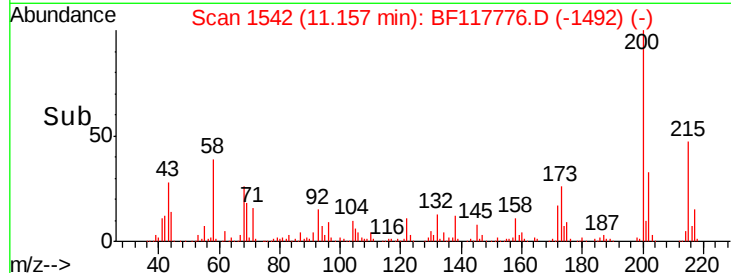
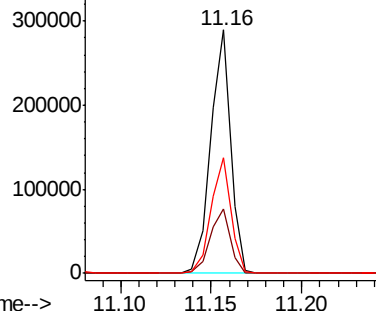


Abundance

Ion 200.00 (199.70 to 200.70): E

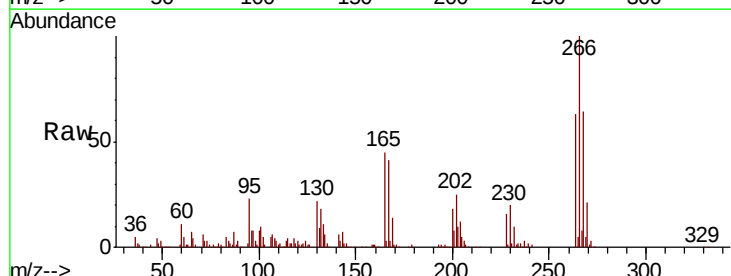
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 21.342 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.8	76.2
264	62.6	50.7	76.1

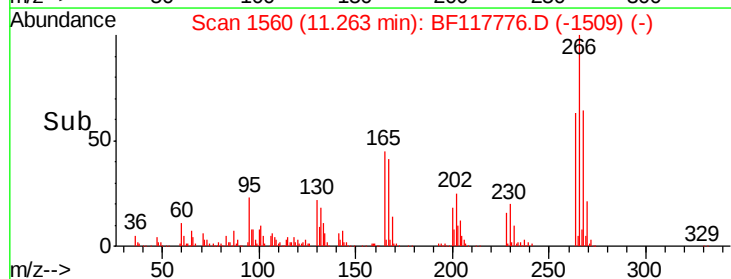
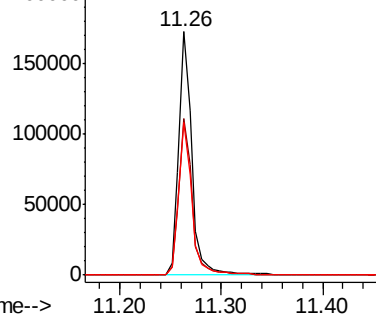


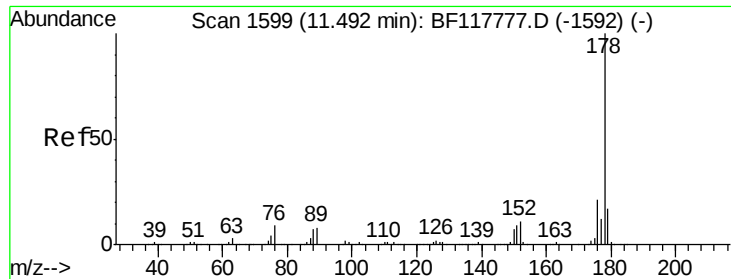
Abundance

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: 23.515 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

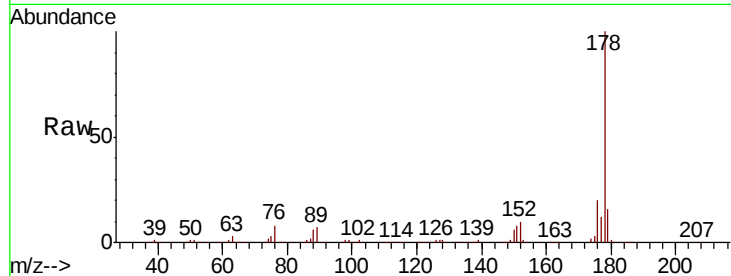
Tot Ion:178 Resp: 1173678

Ion Ratio Lower Upper

178 100

176 20.0 16.6 25.0

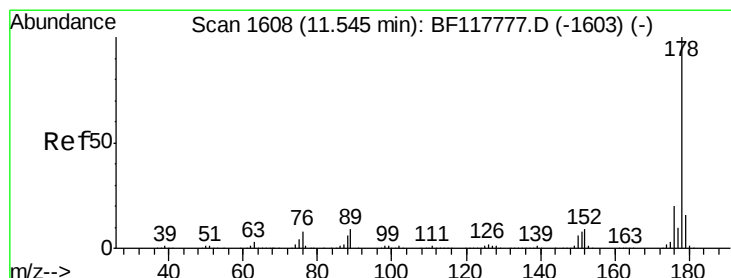
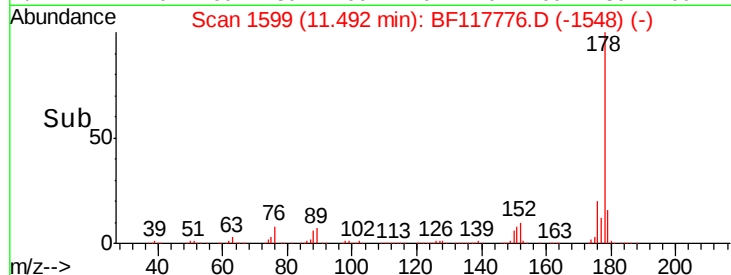
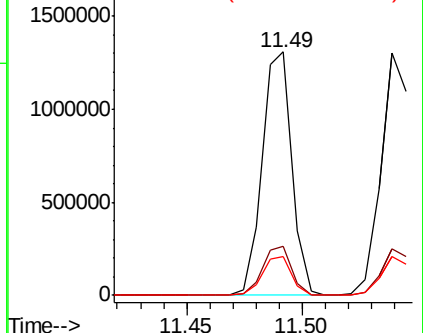
179 15.8 13.2 19.8



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: 23.300 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

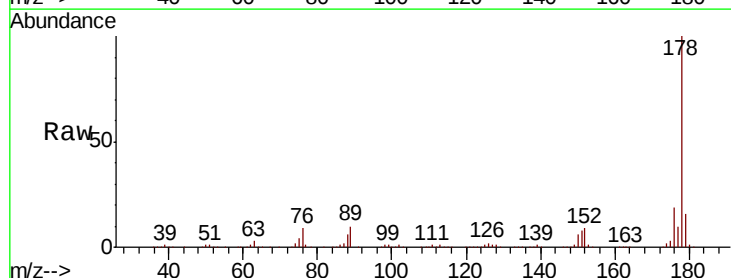
Tgt Ion:178 Resp: 1156997

Ion Ratio Lower Upper

178 100

176 19.2 16.1 24.1

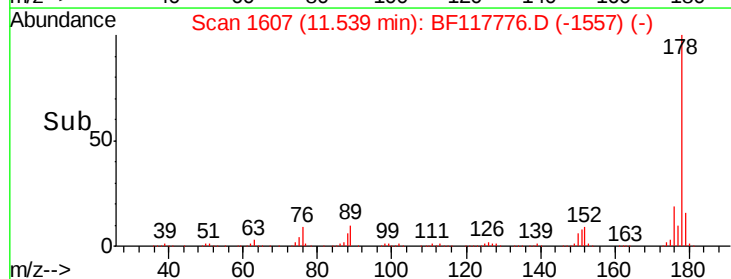
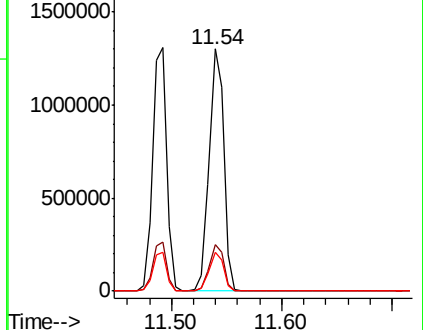
179 15.9 13.0 19.4

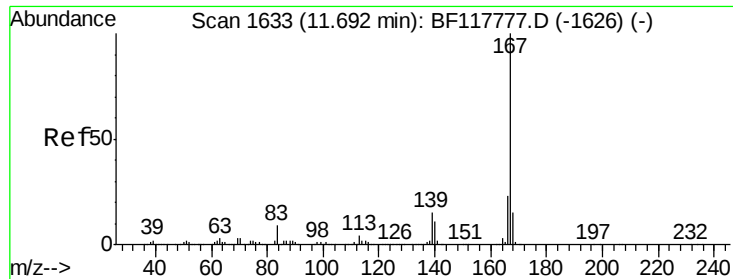


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



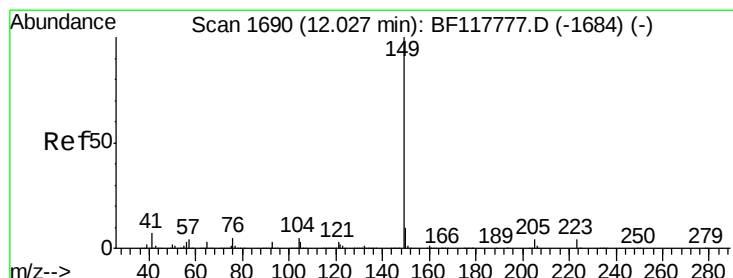
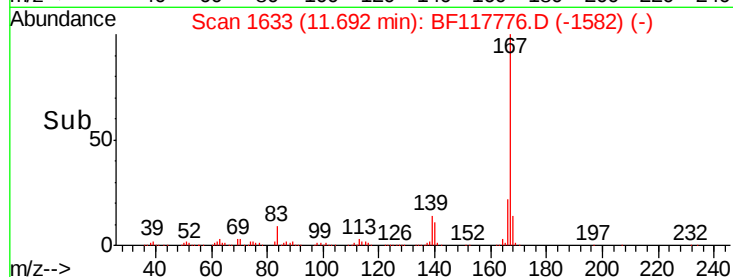
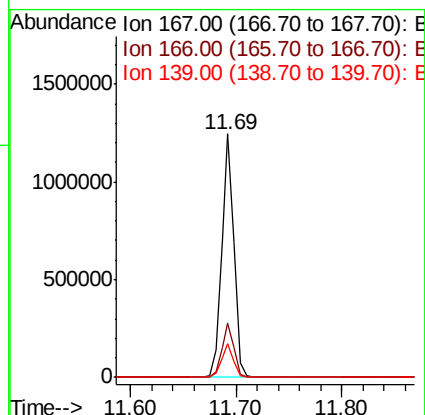
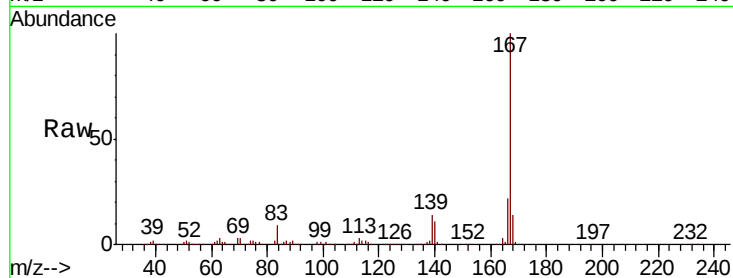


#73
 Carbazole
 Concen: 22.526 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1022516

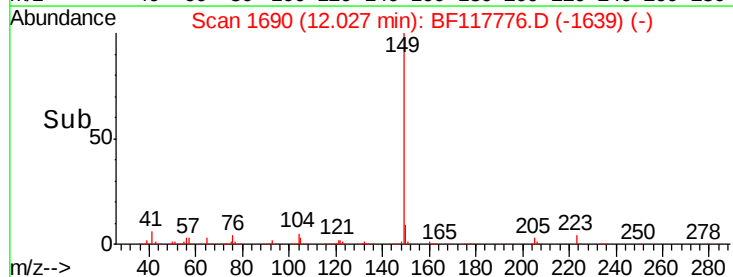
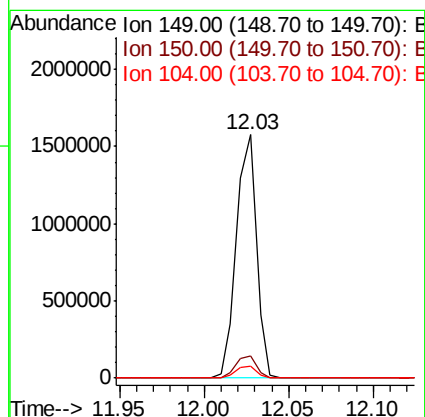
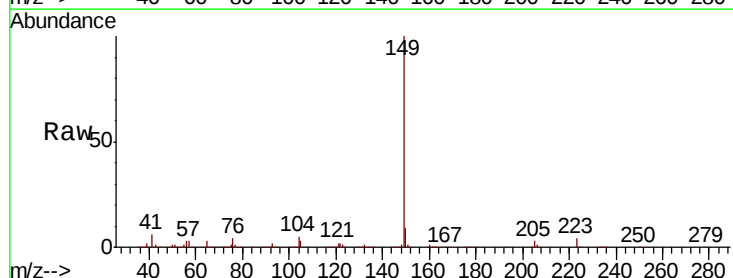
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.7	11.7	17.5

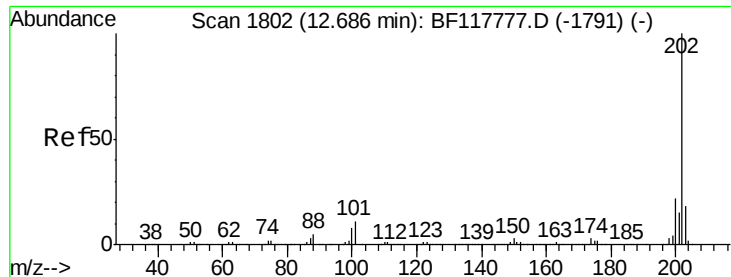


#74
 Di-n-butylphthalate
 Concen: 23.547 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF117776.D
 Acq: 13 Nov 2019 15:29

Tgt Ion:149 Resp: 1299740

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	4.7	4.2	6.4





#75

Fluoranthene

Concen: 22.782 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

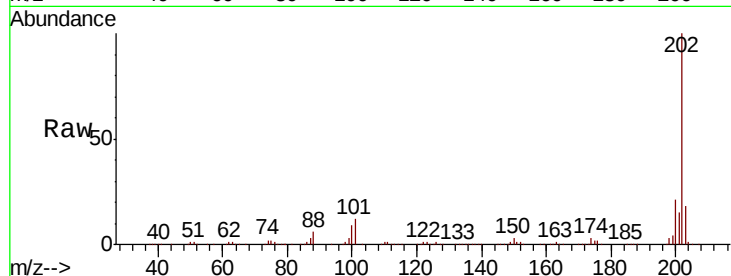
Tot Ion:202 Resp: 1161044

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.1

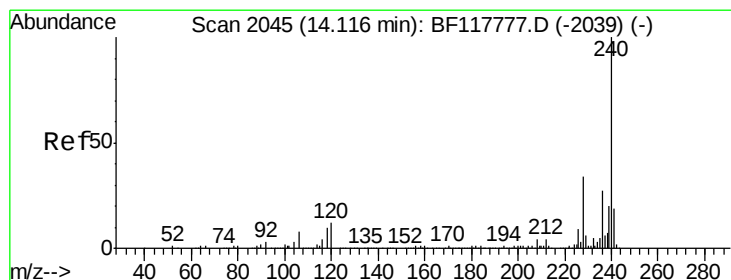
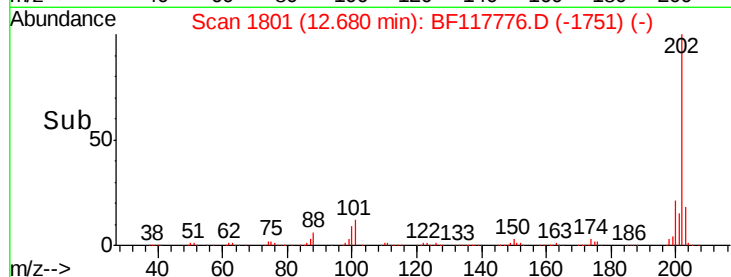
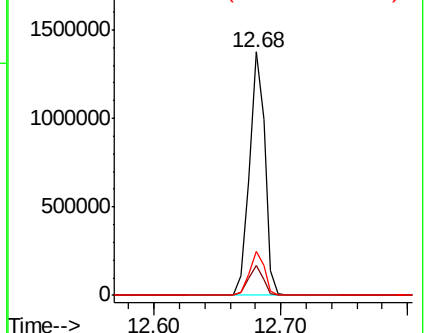
203 18.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

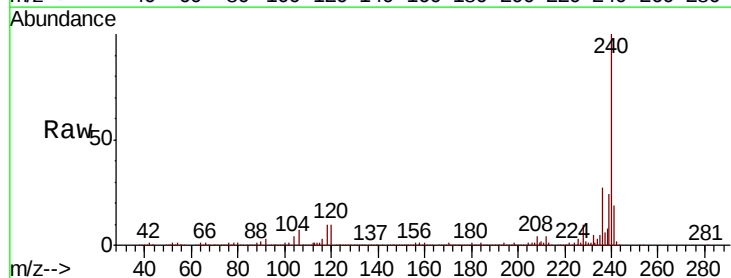
Tgt Ion:240 Resp: 676785

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

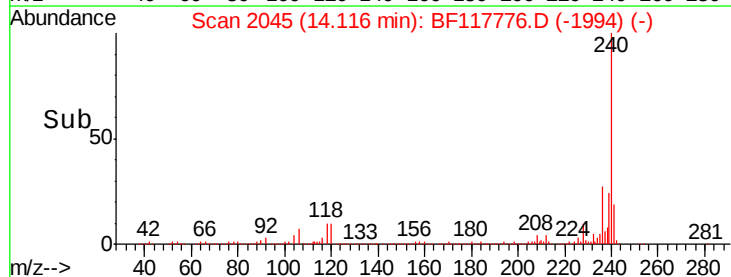
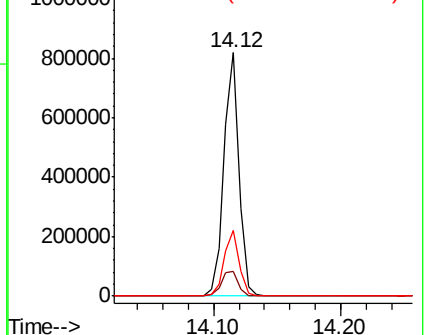
236 27.2 21.3 31.9

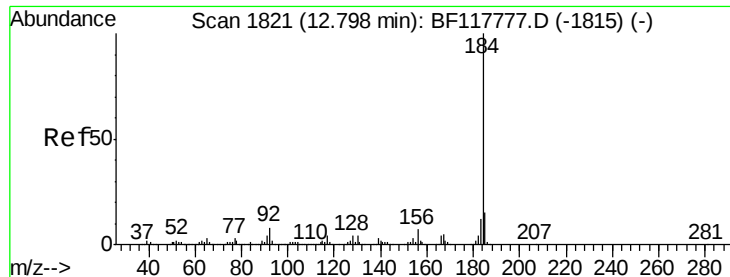


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.743 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

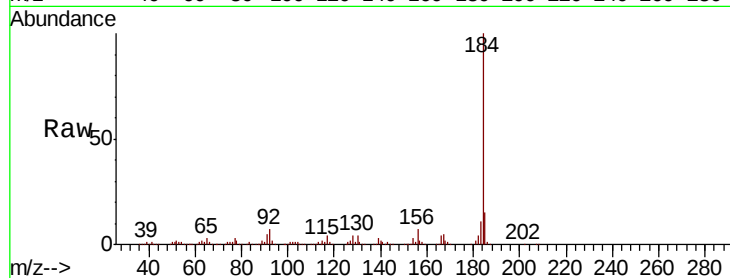
Tot Ion:184 Resp: 488073

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

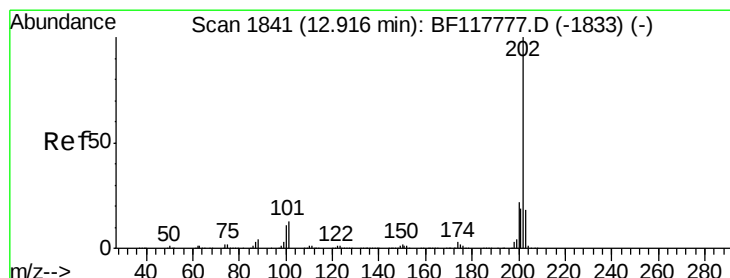
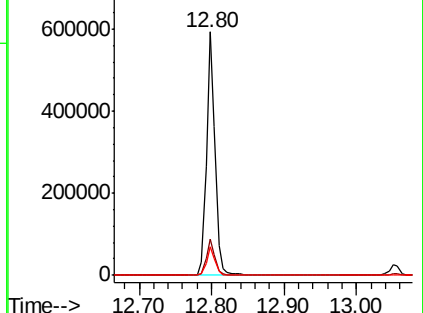
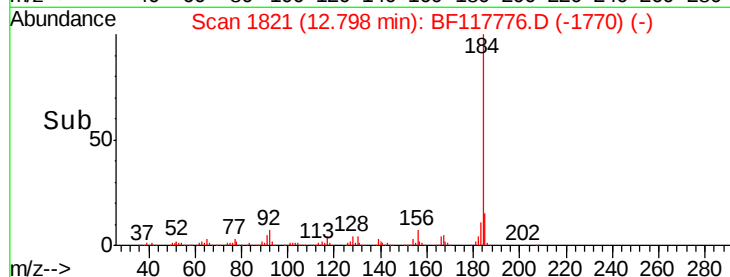
183 11.5 9.5 14.3



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: 23.885 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

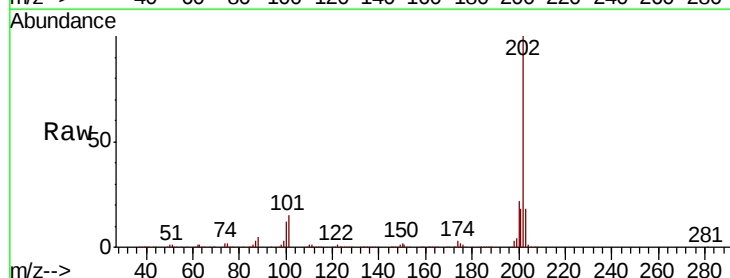
Tgt Ion:202 Resp: 1180020

Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.8

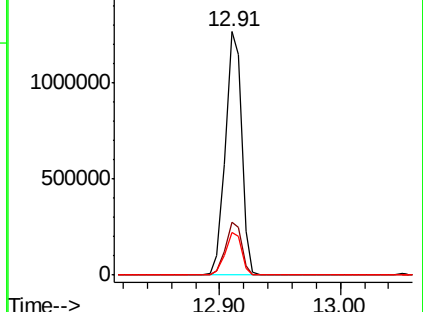
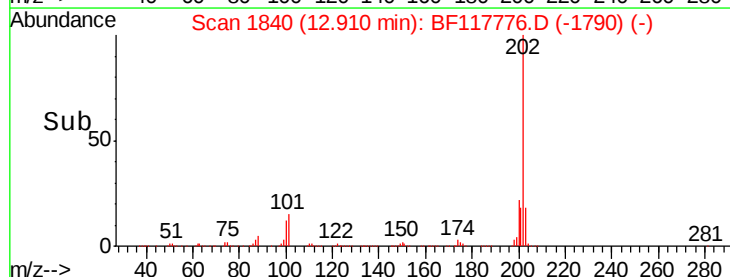
203 17.8 14.6 22.0

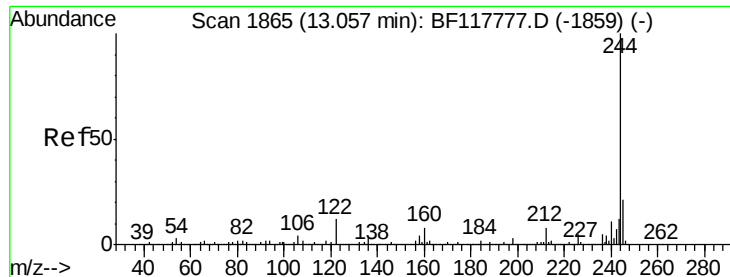


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 51.331 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

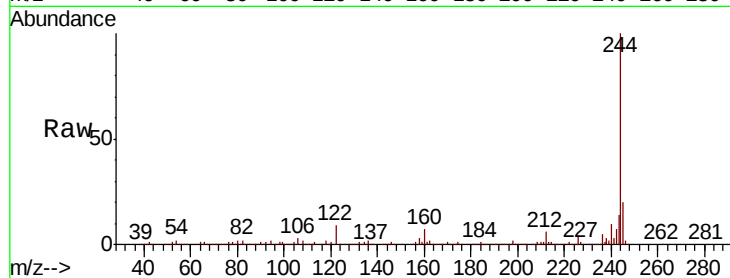
Tot Ion:244 Resp: 1687573

Ion Ratio Lower Upper

244 100

212 6.4 6.3 9.5

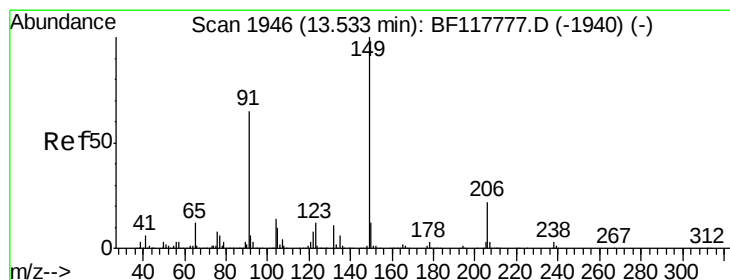
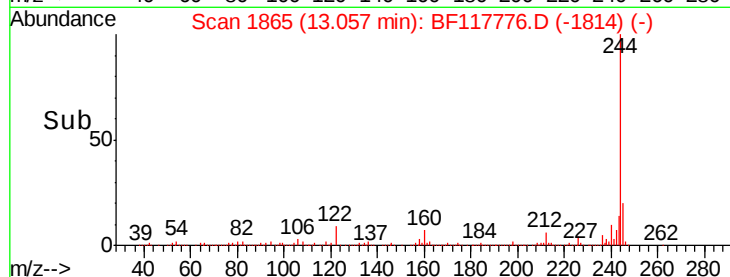
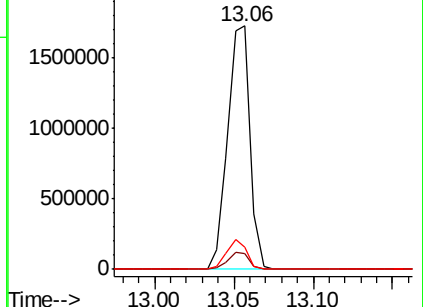
122 9.3 9.4 14.2#



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: 21.561 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

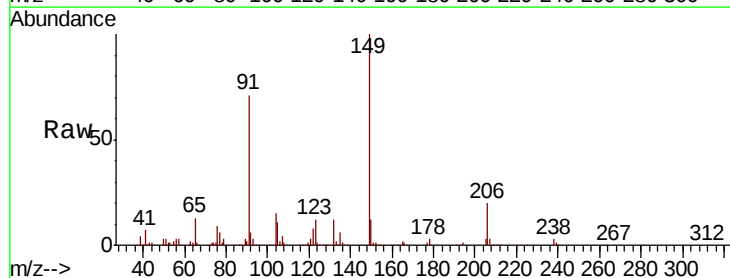
Tgt Ion:149 Resp: 492028

Ion Ratio Lower Upper

149 100

91 71.1 51.9 77.9

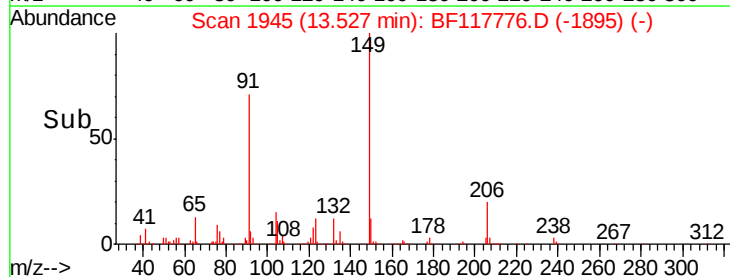
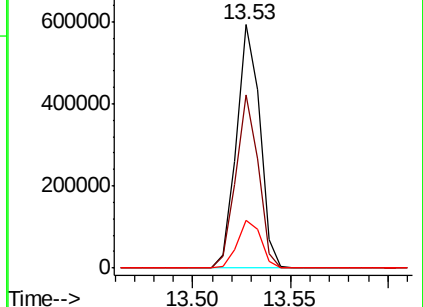
206 19.6 17.2 25.8

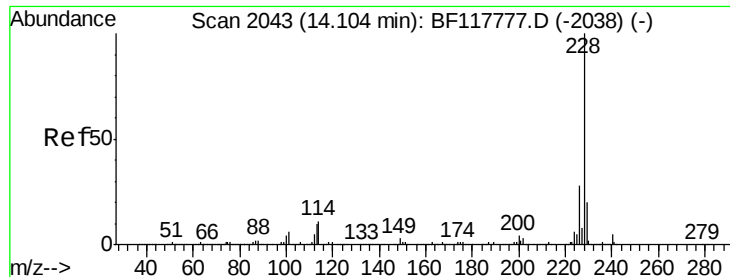


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

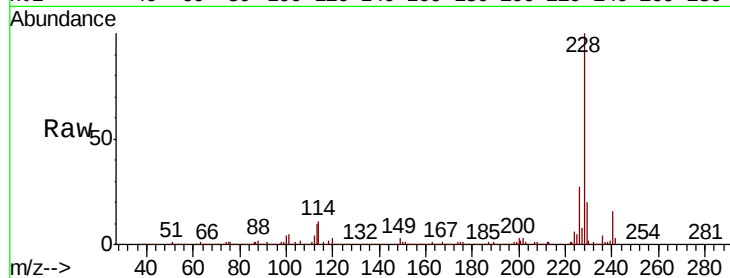




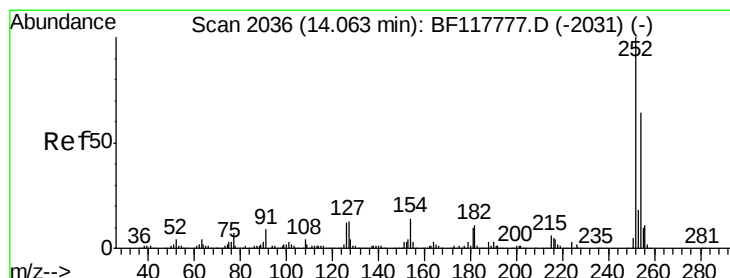
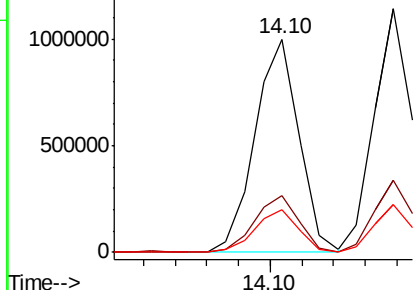
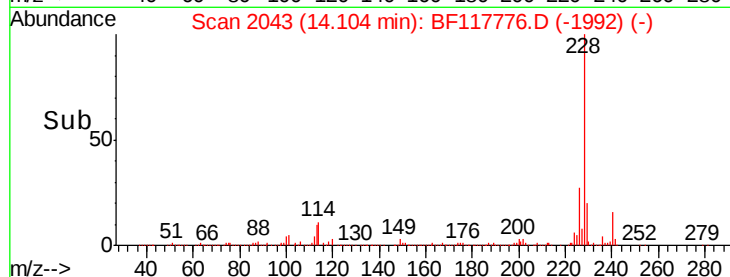
#81
Benzo(a)anthracene
Concen: 22.857 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 962894
Ion Ratio Lower Upper
228 100
226 26.7 22.2 33.2
229 19.9 15.9 23.9

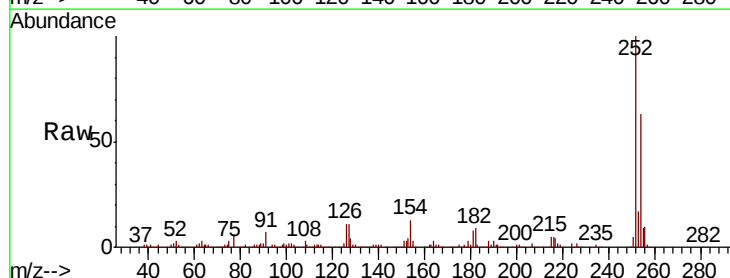


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

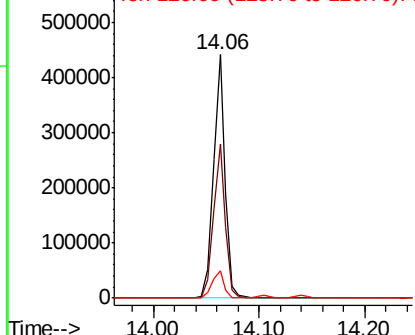
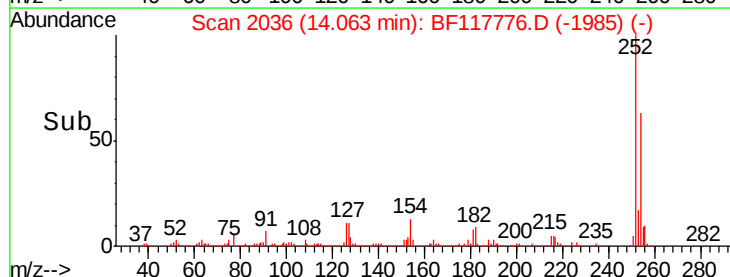


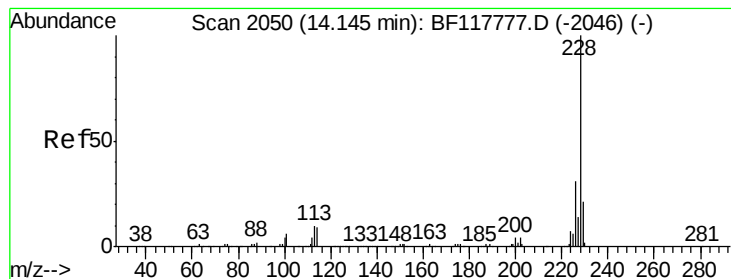
#82
3,3'-Dichlorobenzidine
Concen: 21.868 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:252 Resp: 344057
Ion Ratio Lower Upper
252 100
254 63.2 51.0 76.6
126 11.3 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: 22.514 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampled :

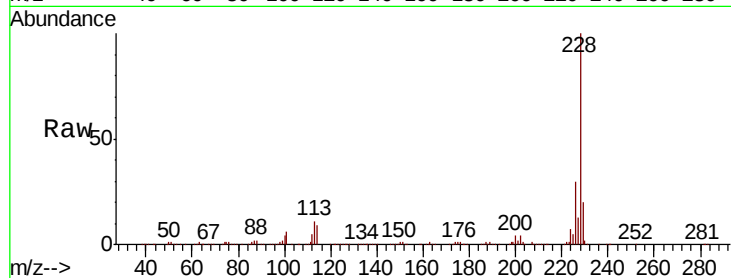
Tot Ion:228 Resp: 936622

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.4

229 19.6 16.6 25.0

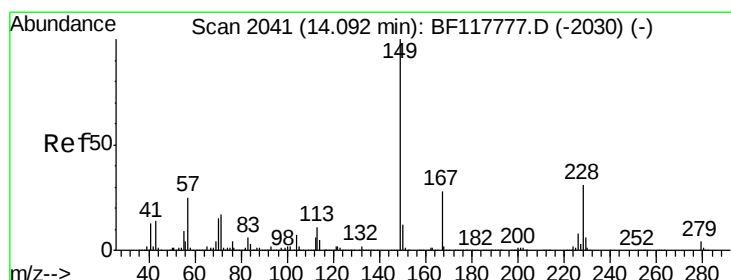
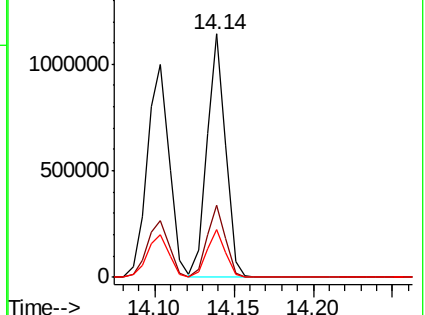
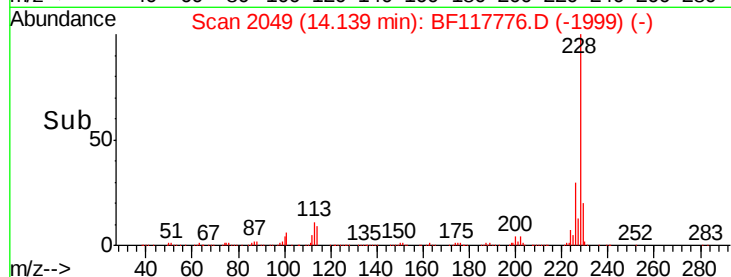


Abundance

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: 21.039 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

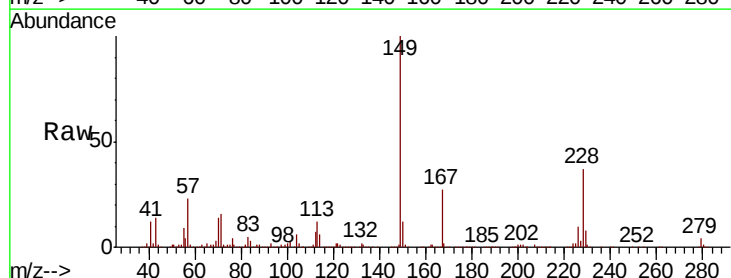
Tgt Ion:149 Resp: 619326

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

279 4.4 3.4 5.2

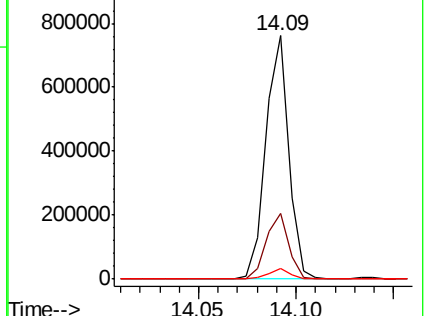
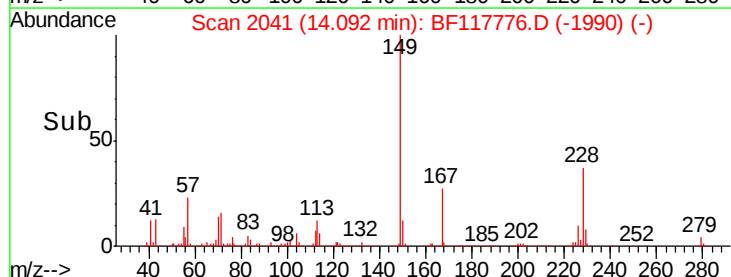


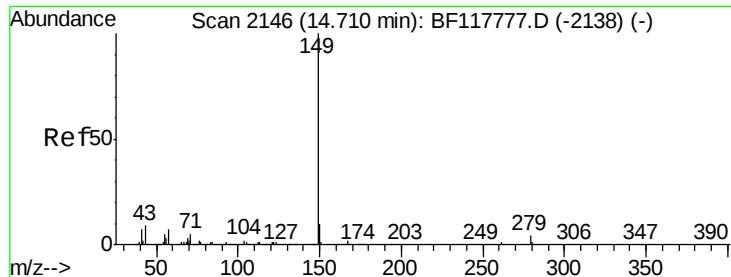
Abundance

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

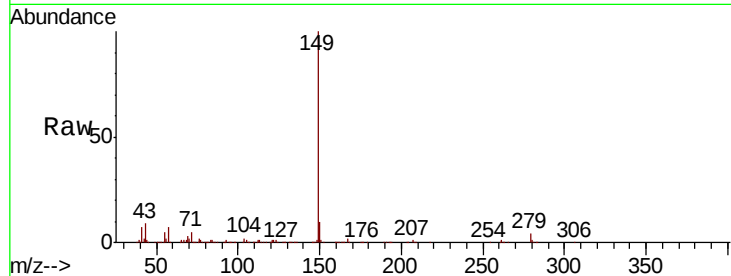




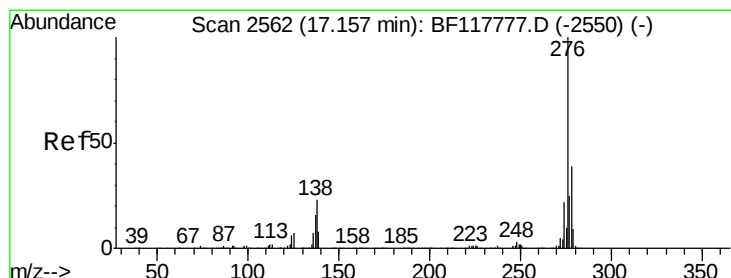
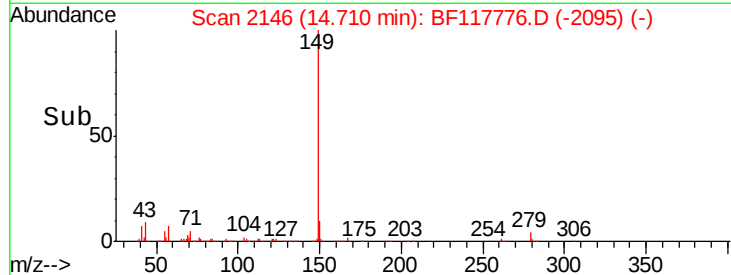
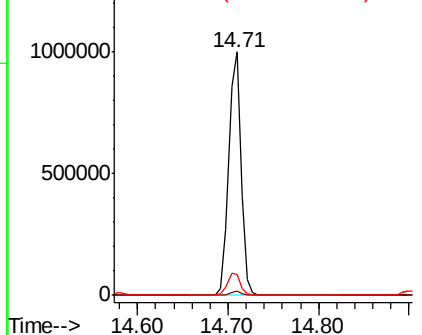
#85
Di-n-octyl phthalate
Concen: 20.207 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	7.4	11.2

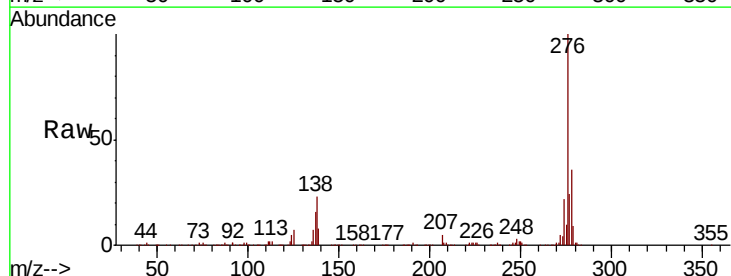


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

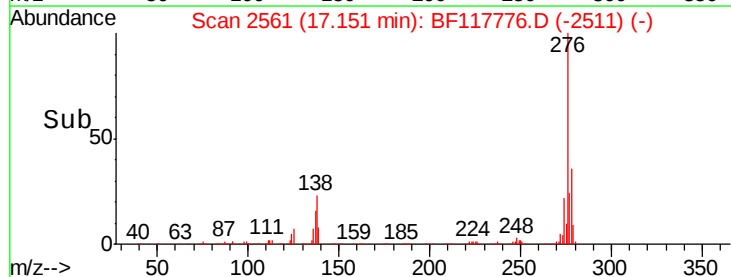
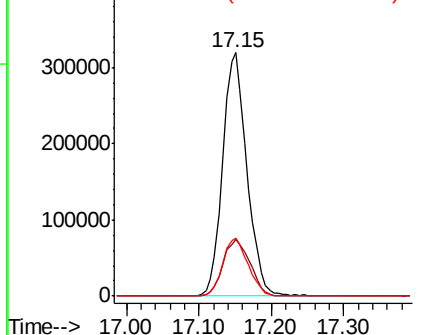


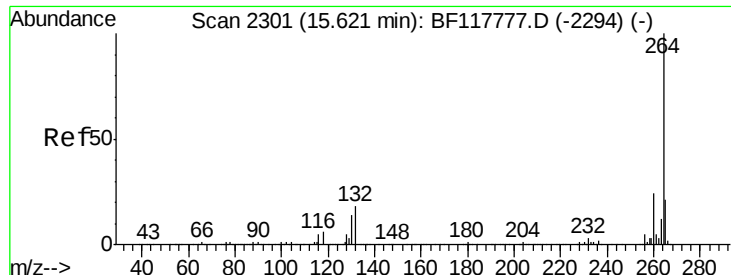
#86
Indeno(1,2,3-cd)pyrene
Concen: 19.178 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.9	31.3
277	25.1	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: BF117776.D

Acq: 13 Nov 2019 15:29

Instrument :

BNA_F

ClientSampleId :

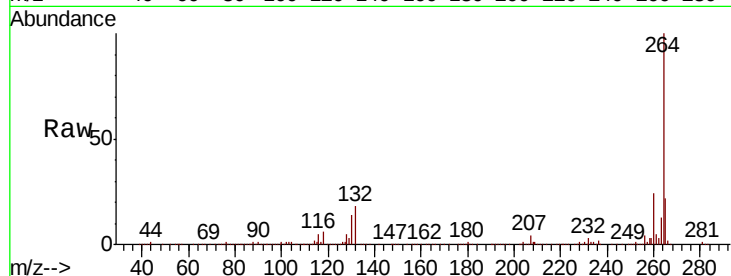
Tot Ion:264 Resp: 608350

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

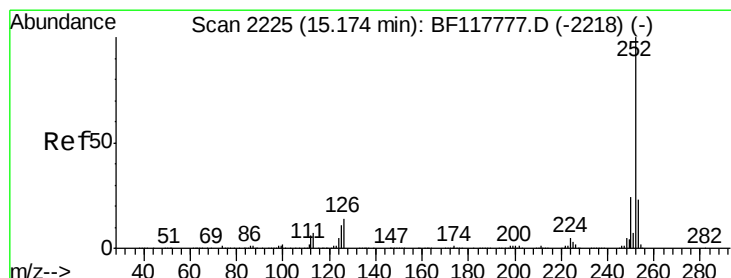
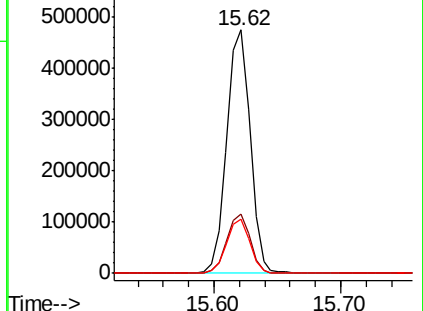
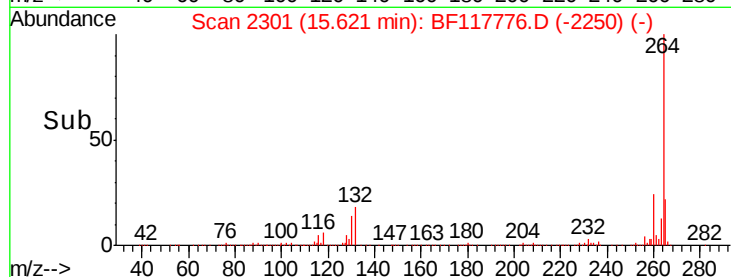
265 22.0 17.1 25.7



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: 21.556 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF117776.D

Acq: 13 Nov 2019 15:29

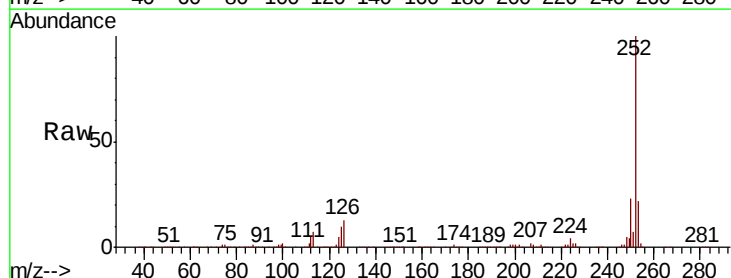
Tgt Ion:252 Resp: 825910

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

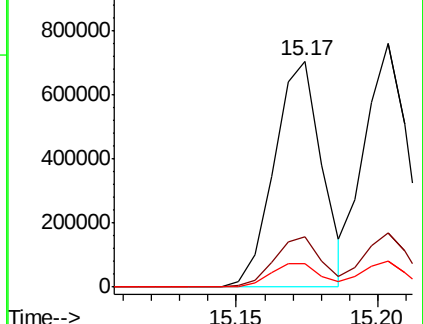
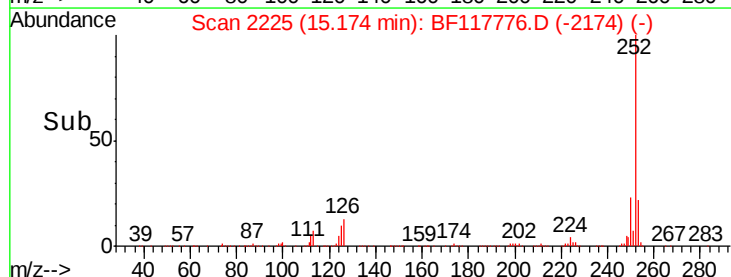
125 10.2 8.6 13.0

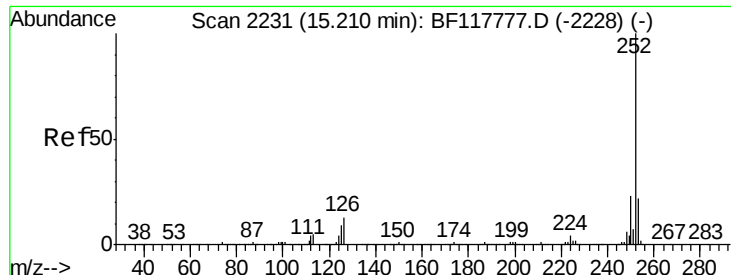


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

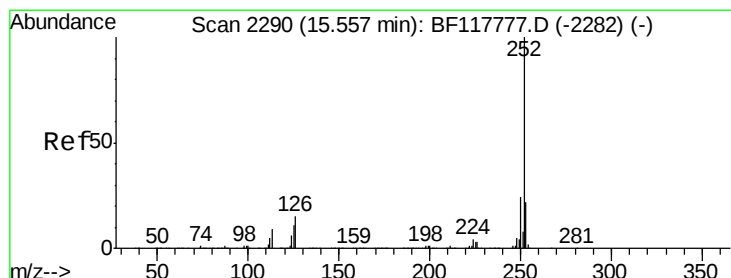
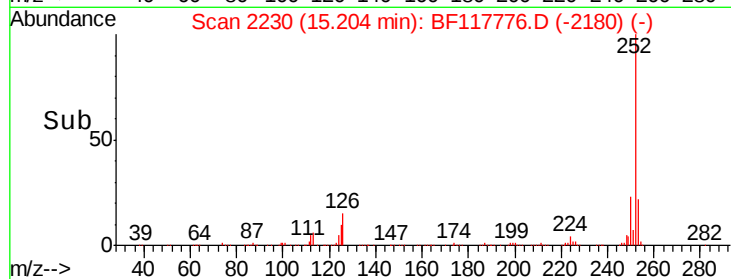
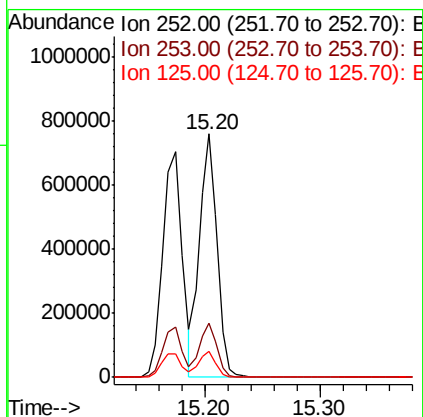
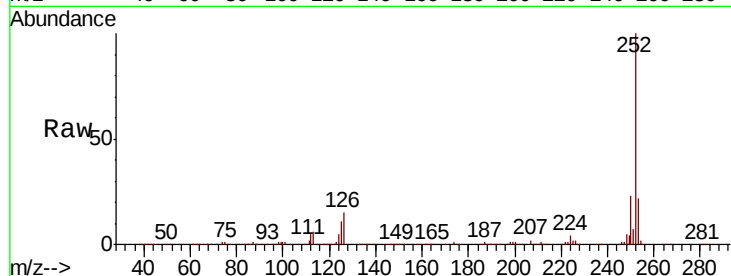




#89
Benzo(k)fluoranthene
Concen: 23.824 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

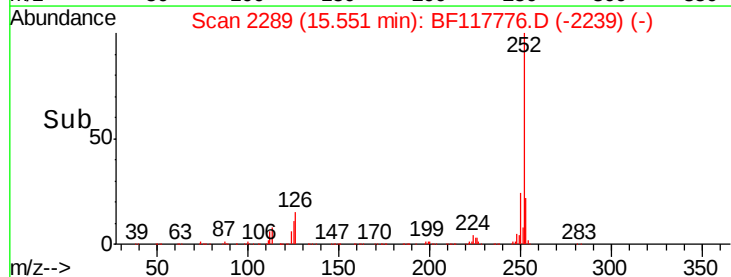
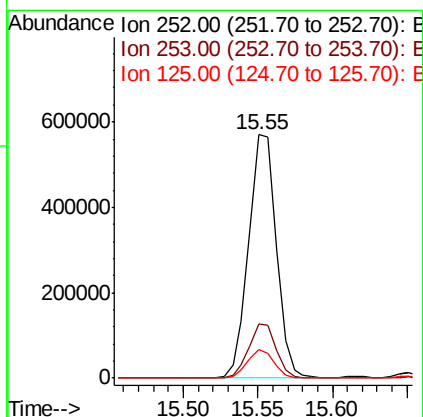
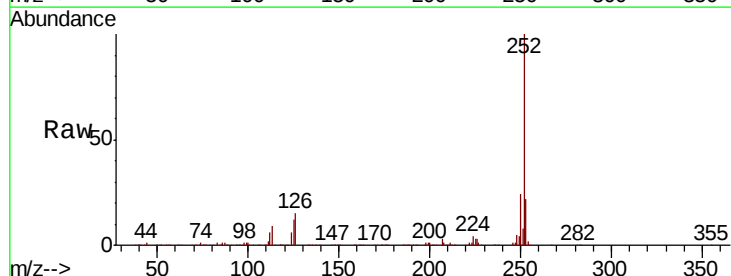
Instrument :
BNA_F
ClientSampleId :

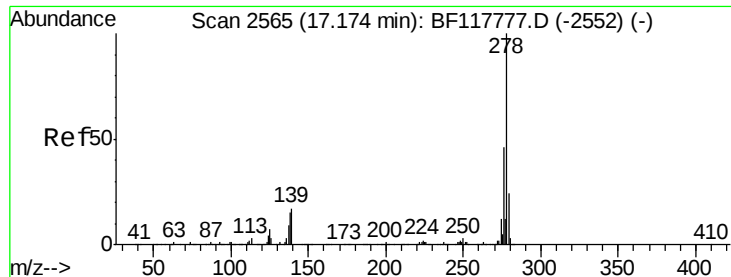
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.5	7.9	11.9



#90
Benzo(a)pyrene
Concen: 22.025 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.7	9.2	13.8

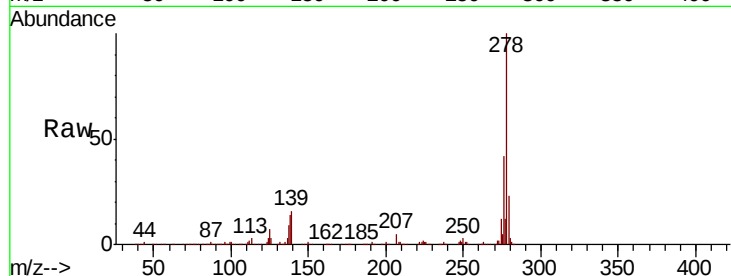




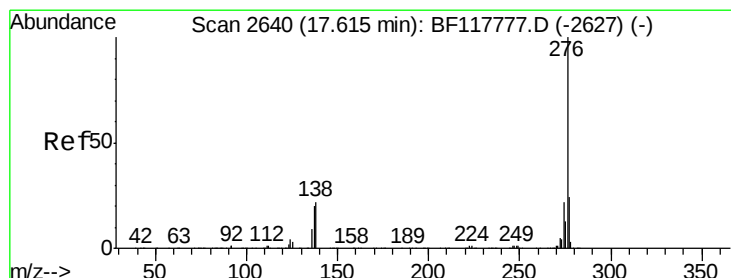
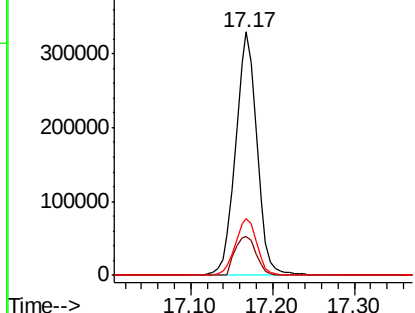
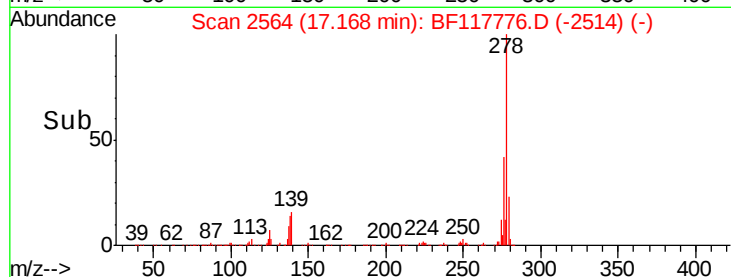
#91
Dibenzo(a,h)anthracene
Concen: 20.207 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 601934
Ion Ratio Lower Upper
278 100
139 16.0 13.8 20.8
279 23.3 19.6 29.4

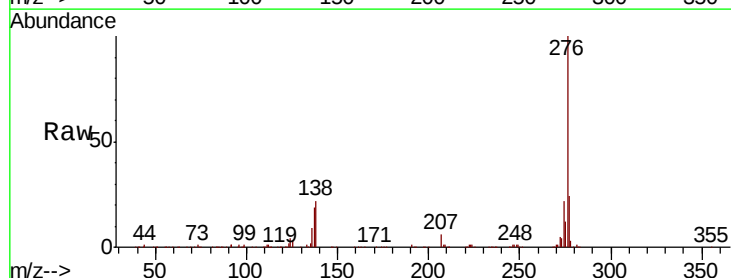


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 19.975 ng
RT: 17.61 min Scan# 2639
Delta R.T. -0.01 min
Lab File: BF117776.D
Acq: 13 Nov 2019 15:29

Tgt Ion:276 Resp: 576662
Ion Ratio Lower Upper
276 100
277 24.2 18.9 28.3
138 22.1 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

