

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108785.D
 Acq On : 5 Sep 2018 20:18
 Operator : JU/SJ
 Sample : J4741-17MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:25:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	294834	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1149973	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	520449	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	832168	20.00	ng	0.00
75) Chrysene-d12	13.87	240	508861	20.00	ng	0.00
86) Perylene-d12	15.27	264	526219	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1503953	84.51	ng	0.01
7) Phenol-d6	6.37	99	2044322	89.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	1208934	65.79	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	416075	83.74	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2016252	66.09	ng	0.00
78) Terphenyl-d14	12.82	244	1538914	70.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	230858	26.992	ng	93
3) Pyridine	3.08	79	117	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.10	42	312621	34.749	ng	89
6) Aniline	6.47	93	752990	24.449	ng	# 57
8) 2-Chlorophenol	6.52	128	647569	32.873	ng	97
9) Benzaldehyde	6.28	77	409474	25.206	ng	98
10) Phenol	6.38	94	798874	30.460	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	752990	35.840	ng	94
12) 1,3-Dichlorobenzene	6.68	146	665568	29.608	ng	99
13) 1,4-Dichlorobenzene	6.75	146	674444	30.002	ng	97
14) 1,2-Dichlorobenzene	6.91	146	638302	30.805	ng	98
15) Benzyl Alcohol	6.88	79	585514	33.319	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	947064	30.156	ng	97
17) 2-Methylphenol	7.00	107	551706	33.141	ng	99
18) Hexachloroethane	7.25	117	229851	28.357	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	473876	29.772	ng	96
20) 3+4-Methylphenols	7.14	107	643612	33.004	ng	# 62
22) Acetophenone	7.14	105	862668	33.054	ng	# 91
24) Nitrobenzene	7.31	77	680960	34.538	ng	99
25) Isophorone	7.55	82	1275231	34.791	ng	97
26) 2-Nitrophenol	7.63	139	295349	38.022	ng	99
27) 2,4-Dimethylphenol	7.67	122	591157	37.477	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	825049	33.667	ng	99
29) 2,4-Dichlorophenol	7.87	162	544624	33.484	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	544423	30.886	ng	96
31) Naphthalene	8.04	128	1798236	34.757	ng	99
32) Benzoic acid	7.75	122	113852	15.149	ng	99
33) 4-Chloroaniline	8.12	127	664859	27.980	ng	98
34) Hexachlorobutadiene	8.17	225	312817	29.706	ng	98
35) Caprolactam	8.44	113	120035	21.779	ng	87
36) 4-Chloro-3-methylphenol	8.57	107	565799	32.654	ng	99
37) 2-Methylnaphthalene	8.73	142	1193638	34.922	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	511418	32.872	ng	98
40) Hexachlorocyclopentadiene	8.89	237	234636	29.979	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108785.D
 Acq On : 5 Sep 2018 20:18
 Operator : JU/SJ
 Sample : J4741-17MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 06 05:25:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

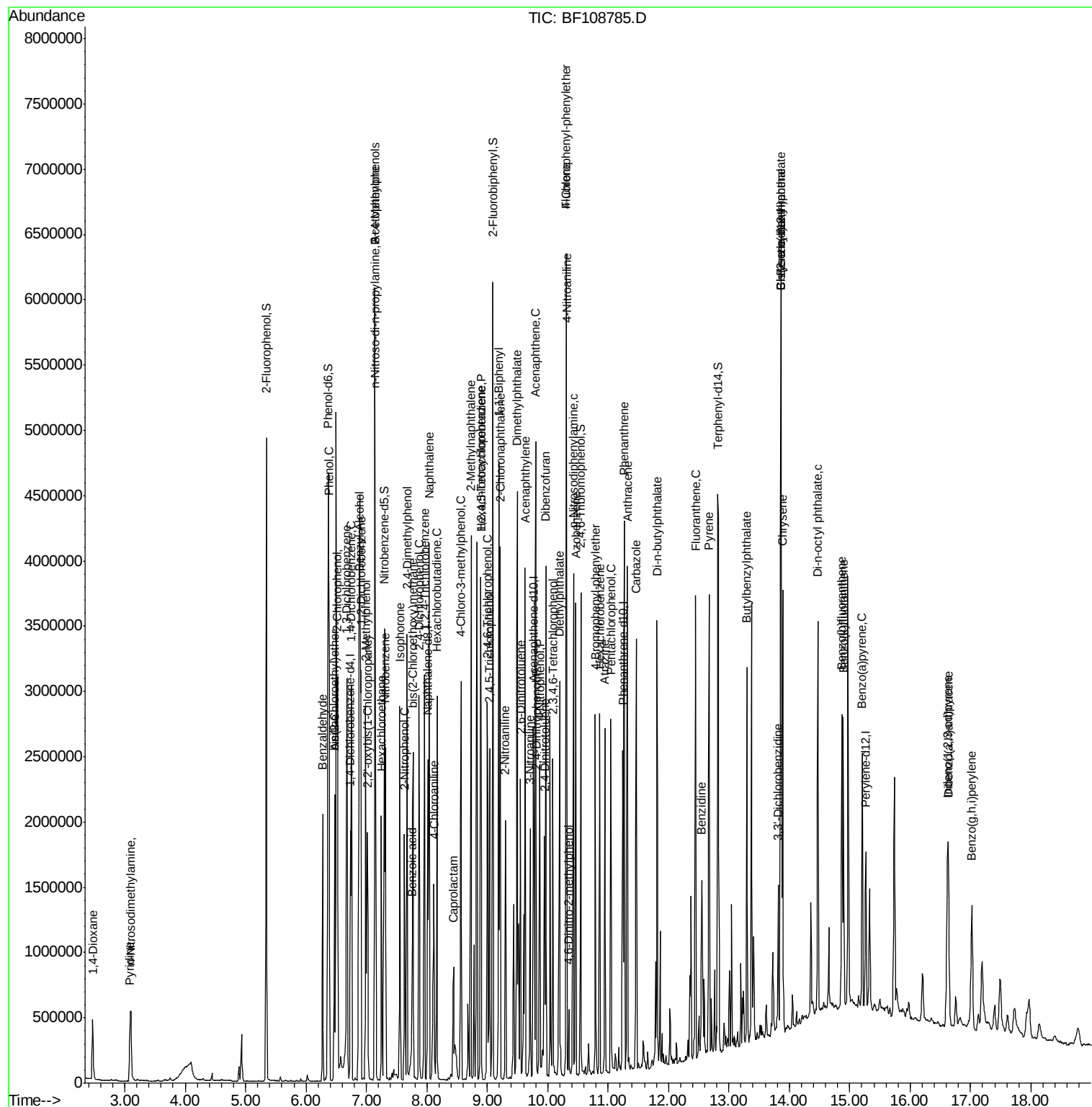
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	373183	35.217	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	391815	35.670	nq	95
45) 1,1'-Biphenyl	9.19	154	1379886	34.439	nq	99
46) 2-Chloronaphthalene	9.21	162	1091079	33.671	nq	99
47) 2-Nitroaniline	9.30	65	335702	37.922	nq	91
48) Acenaphthylene	9.62	152	1707590	35.353	nq	98
49) Dimethylphthalate	9.50	163	1736272	47.697	nq	# 98
50) 2,6-Dinitrotoluene	9.55	165	248012	35.755	nq	96
51) Acenaphthene	9.80	154	1016788	34.018	nq	99
52) 3-Nitroaniline	9.71	138	255194	30.907	nq	# 95
53) 2,4-Dinitrophenol	9.81	184	62731	31.057	nq	# 26
54) Dibenzofuran	9.97	168	1454799	33.390	nq	97
55) 4-Nitrophenol	9.87	139	382262	61.928	nq	98
56) 2,4-Dinitrotoluene	9.95	165	301007	33.933	nq	# 97
57) Fluorene	10.31	166	1023068	36.590	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	293251	33.105	nq	89
59) Diethylphthalate	10.20	149	1268231	33.760	nq	97
60) 4-Chlorophenyl-phenylether	10.31	204	497479	33.315	nq	93
61) 4-Nitroaniline	10.32	138	210234	28.106	nq	99
62) Azobenzene	10.47	77	1252977	32.313	nq	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	51426	20.334	nq	96
65) n-Nitrosodiphenylamine	10.42	169	1011231	36.549	nq	97
66) 4-Bromophenyl-phenylether	10.80	248	335837	35.731	nq	# 85
67) Hexachlorobenzene	10.86	284	339280	33.815	nq	# 90
68) Atrazine	10.95	200	286243	32.317	nq	97
69) Pentachlorophenol	11.05	266	306015	49.887	nq	98
70) Phenanthrene	11.27	178	1438519	36.199	nq	99
71) Anthracene	11.32	178	1468375	38.592	nq	99
72) Carbazole	11.47	167	1254190	31.300	nq	99
73) Di-n-butylphthalate	11.81	149	1674091	37.622	nq	99
74) Fluoranthene	12.45	202	1347743	34.253	nq	98
76) Benzidine	12.55	184	90255	3.742	nq	# 86
77) Pyrene	12.67	202	1339986	34.222	nq	99
79) Butylbenzylphthalate	13.30	149	600643	34.063	nq	98
80) Benzo(a)anthracene	13.85	228	1172335	35.943	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	238502	18.769	nq	97
82) Chrysene	13.89	228	1130006	35.788	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	1217304	54.934	nq	100
84) Di-n-octyl phthalate	14.47	149	1358085	36.761	nq	99
85) Indeno(1,2,3-cd)pyrene	16.62	276	877248	31.394	nq	96
87) Benzo(b)fluoranthene	14.87	252	1094176	38.240	nq	98
88) Benzo(k)fluoranthene	14.90	252	964179	36.591	nq	97
89) Benzo(a)pyrene	15.21	252	942307	36.498	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	743485	32.681	nq	97
91) Benzo(g,h,i)perylene	17.02	276	727003	31.916	nq	94

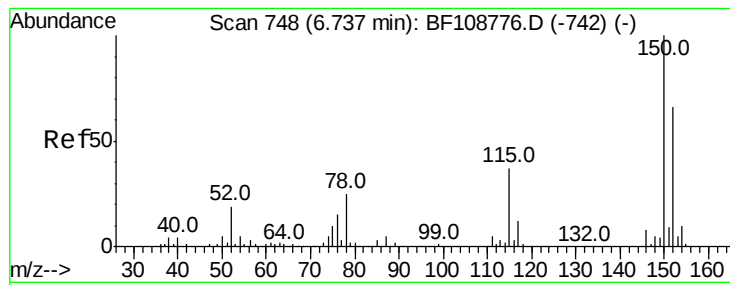
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108785.D
Acq On : 5 Sep 2018 20:18
Operator : JU/SJ
Sample : J4741-17MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Sep 06 05:25:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



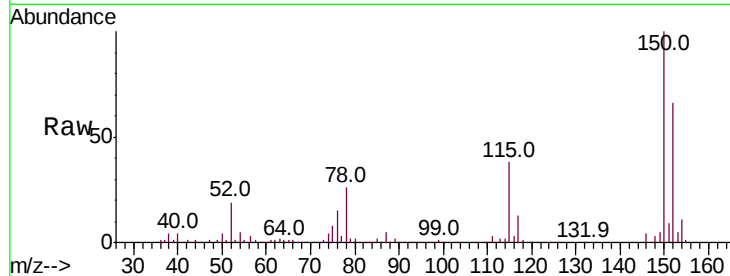


#1

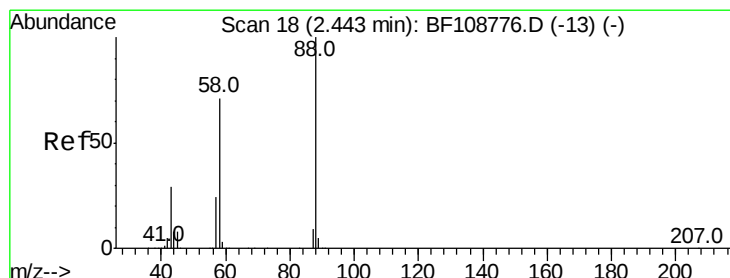
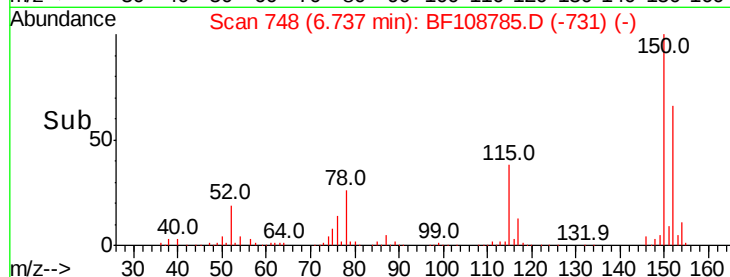
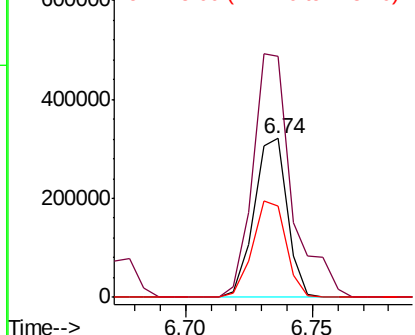
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 294834
Ion Ratio Lower Upper
152 100
150 151.5 124.6 186.8
115 57.3 50.1 75.1



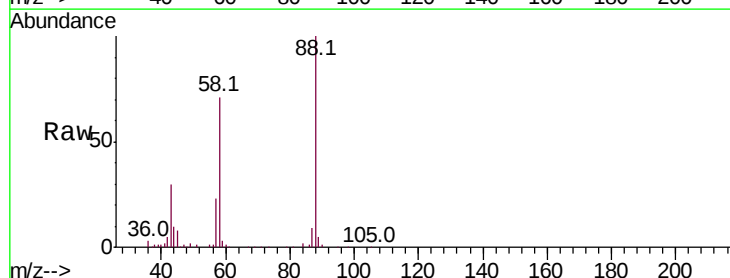
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



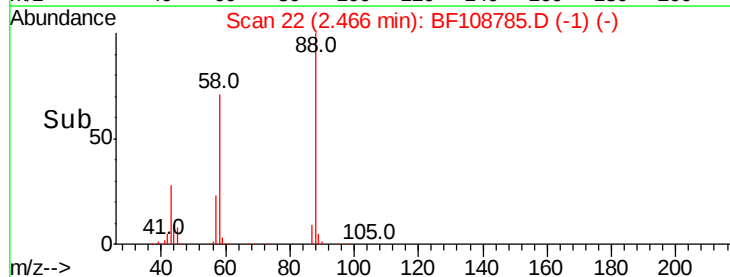
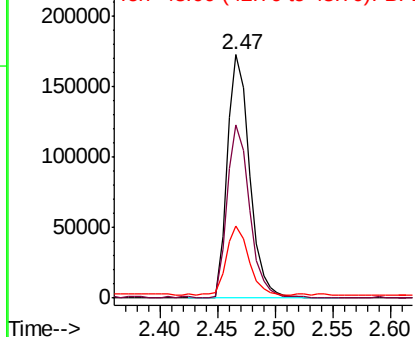
#2

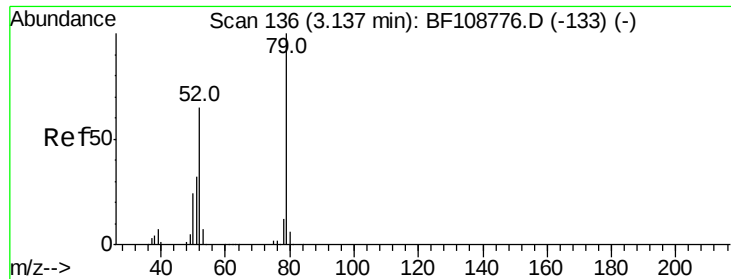
1,4-Dioxane
Concen: 26.992 ng
RT: 2.47 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion: 88 Resp: 230858
Ion Ratio Lower Upper
88 100
58 70.8 62.6 93.8
43 28.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 0.005 ng

RT: 3.08 min Scan# 126

Delta R.T. -0.06 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

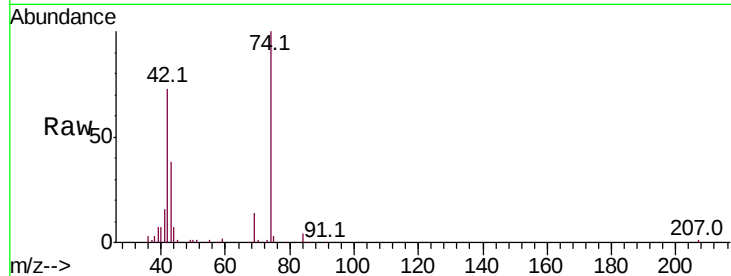
Tot Ion: 79 Resp: 117

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

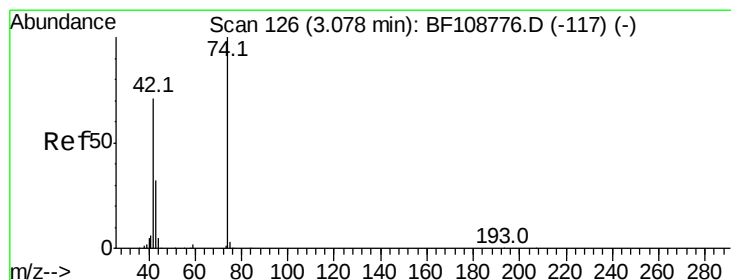
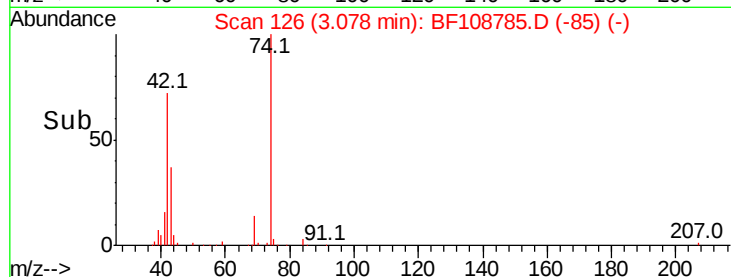
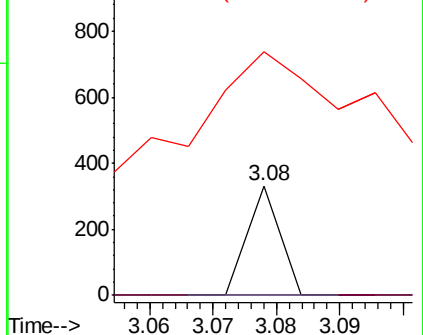
51 223.0 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.749 ng

RT: 3.10 min Scan# 130

Delta R.T. 0.02 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

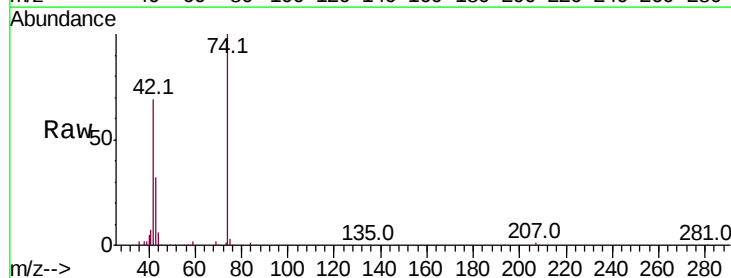
Tgt Ion: 42 Resp: 312621

Ion Ratio Lower Upper

42 100

74 144.7 104.9 157.3

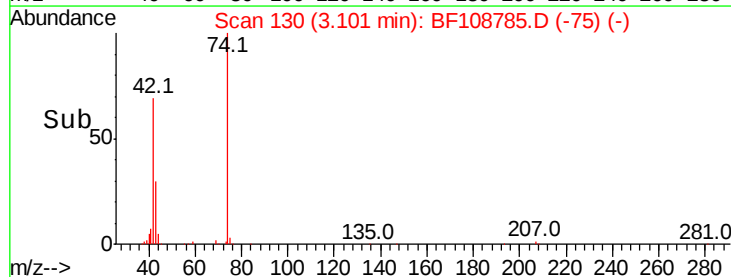
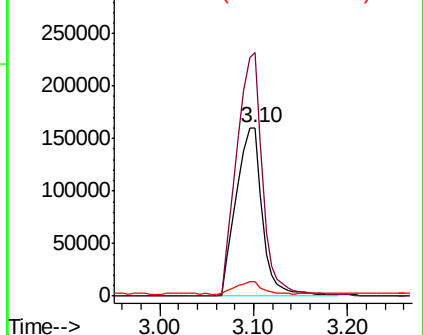
44 8.4 6.9 10.3

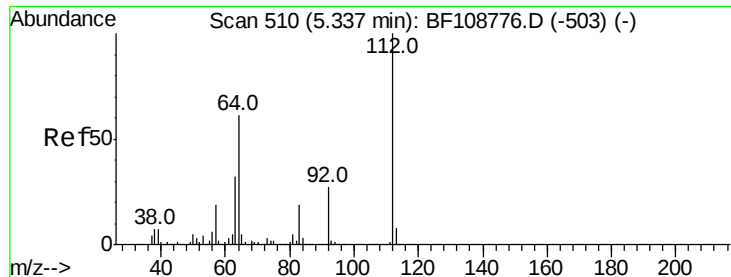


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.507 ng

RT: 5.35 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

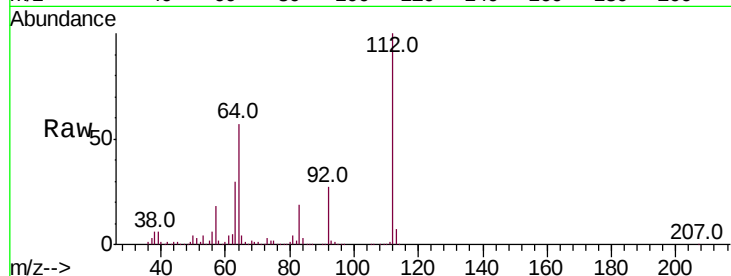
Tot Ion:112 Resp: 1503953

Ion Ratio Lower Upper

112 100

64 57.4 47.9 71.9

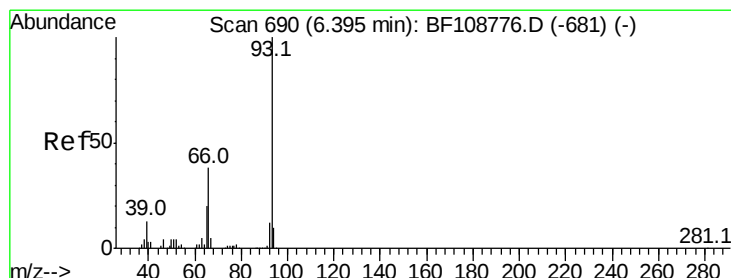
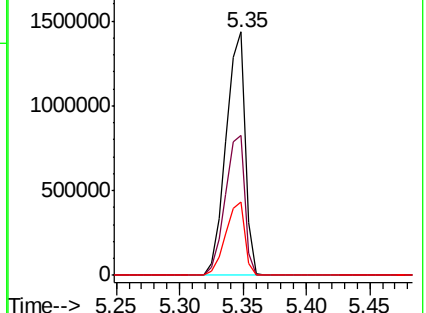
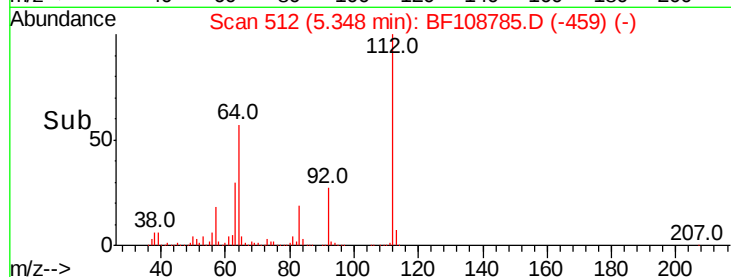
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.449 ng

RT: 6.47 min Scan# 703

Delta R.T. 0.08 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

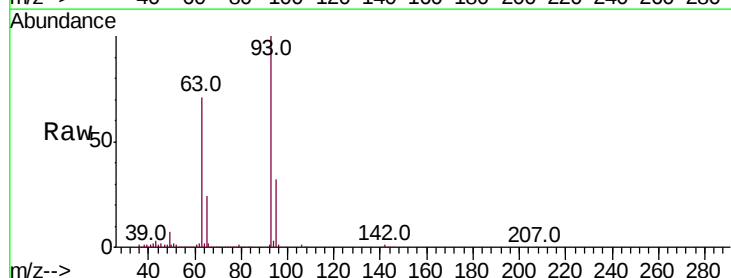
Tgt Ion: 93 Resp: 752990

Ion Ratio Lower Upper

93 100

66 2.4 32.2 48.2#

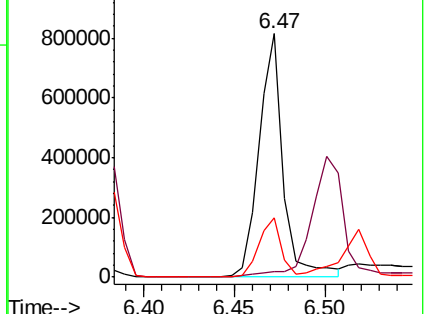
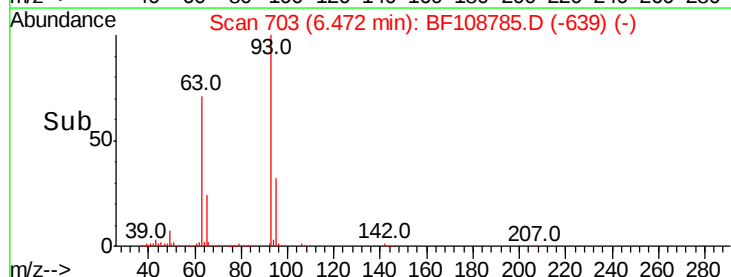
65 24.3 16.4 24.6

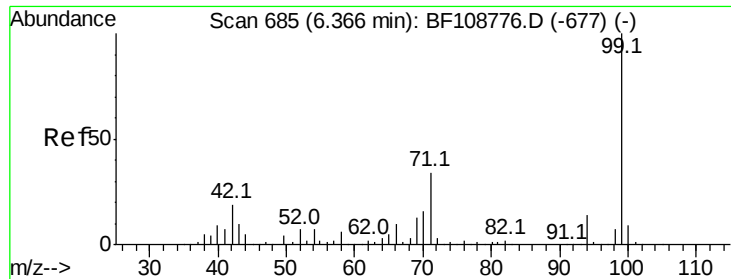


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.278 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

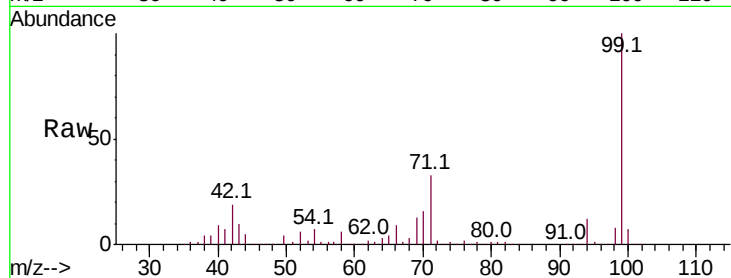
Tot Ion: 99 Resp: 2044322

Ion Ratio Lower Upper

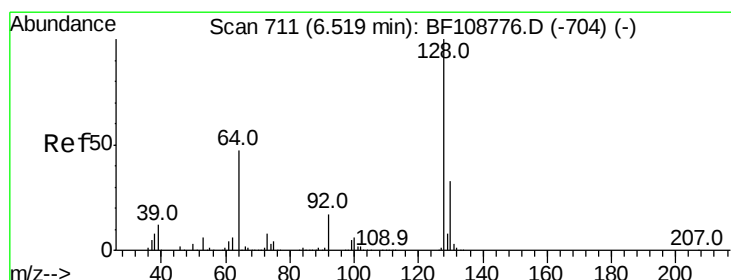
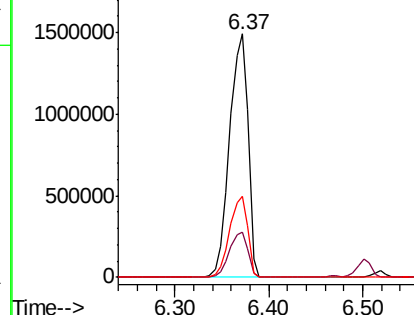
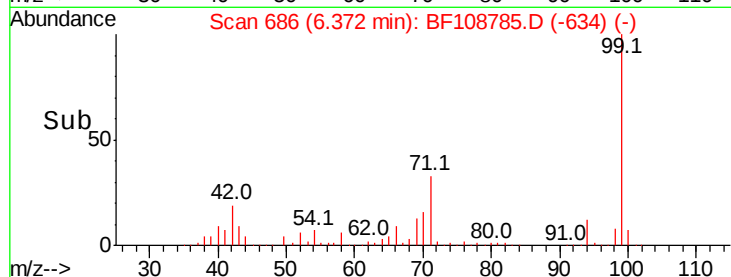
99 100

42 18.8 14.5 21.7

71 33.2 25.4 38.0



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: 32.873 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

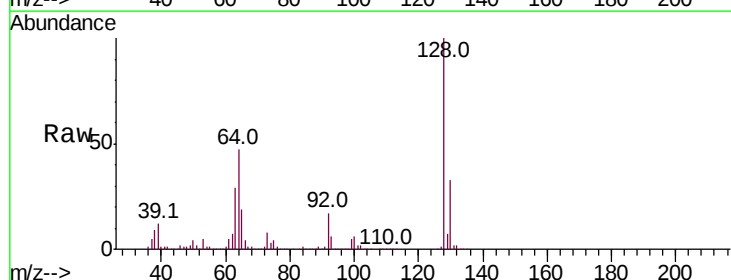
Tgt Ion:128 Resp: 647569

Ion Ratio Lower Upper

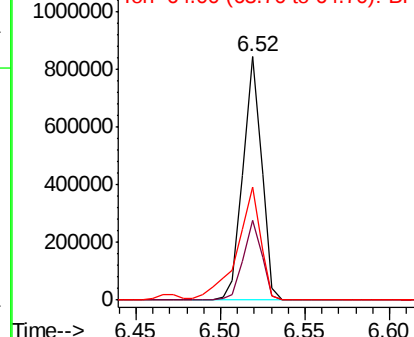
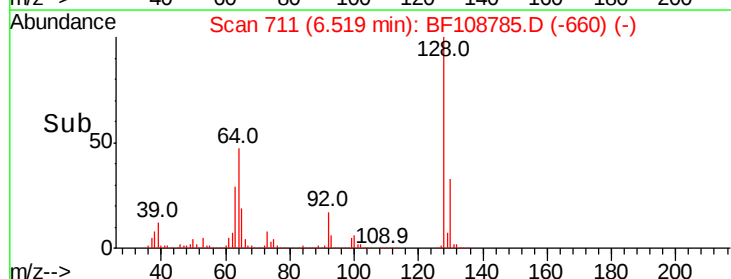
128 100

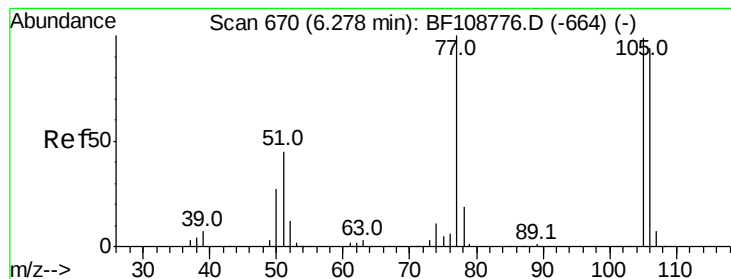
130 32.7 13.0 53.0

64 46.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.206 ng

RT: 6.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampled :

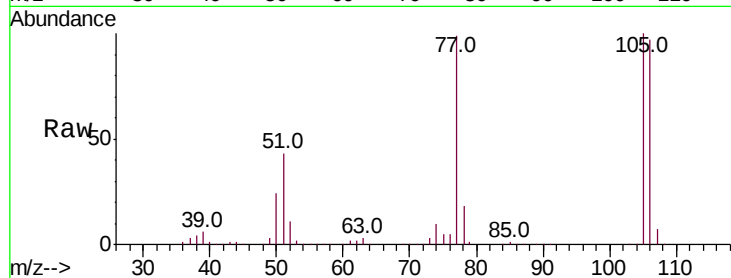
Tot Ion: 77 Resp: 409474

Ion Ratio Lower Upper

77 100

105 100.7 81.1 121.1

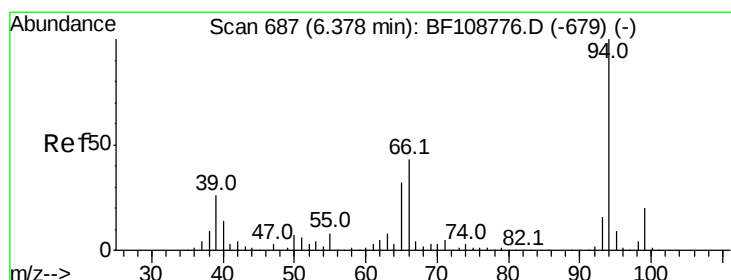
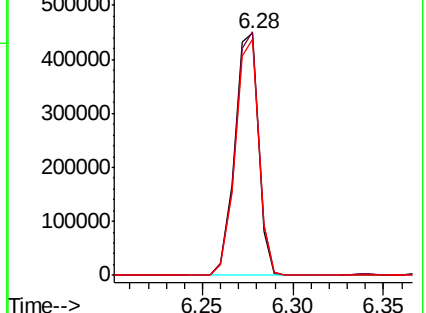
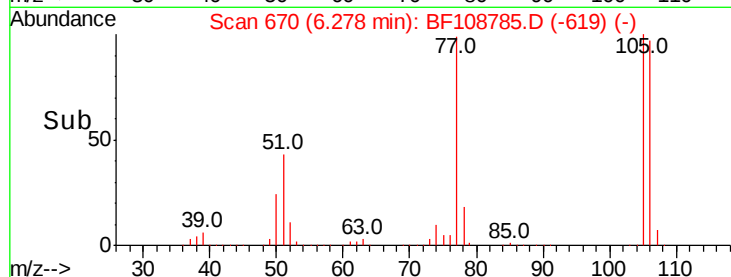
106 97.7 74.5 114.5



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: 30.460 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

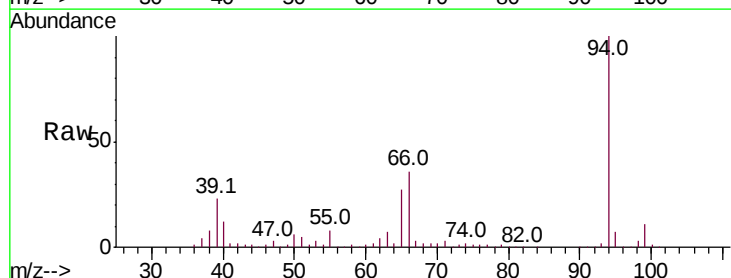
Tgt Ion: 94 Resp: 798874

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

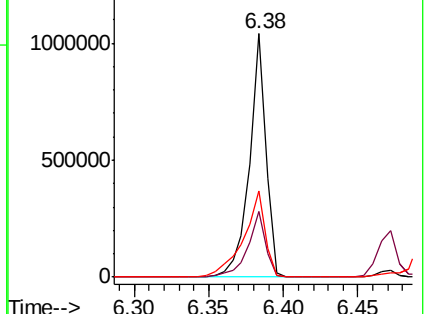
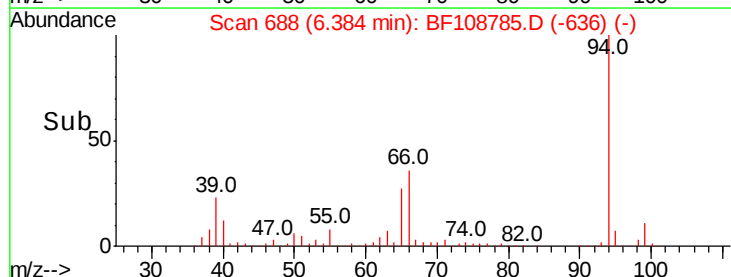
66 35.6 16.2 56.2

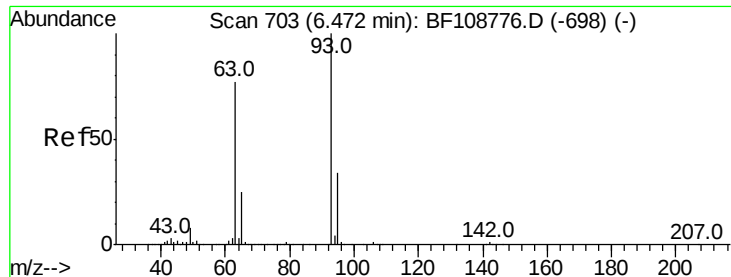


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

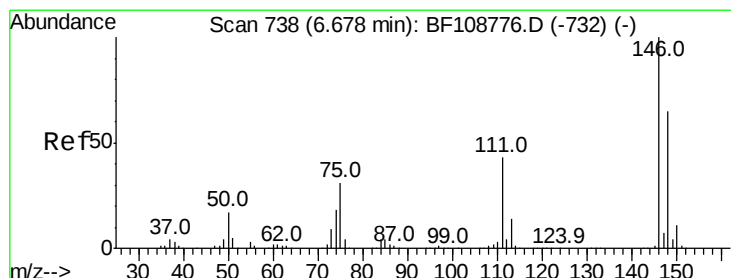
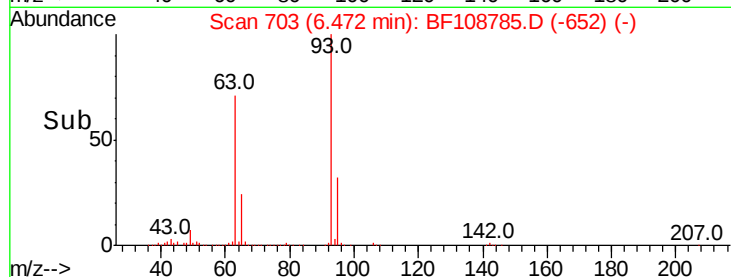
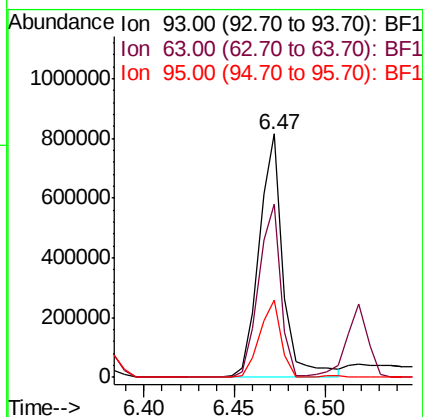
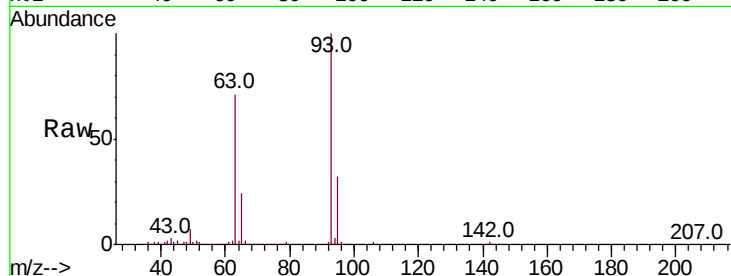




#11
bis(2-Chloroethyl)ether
Concen: 35.840 ng
RT: 6.47 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

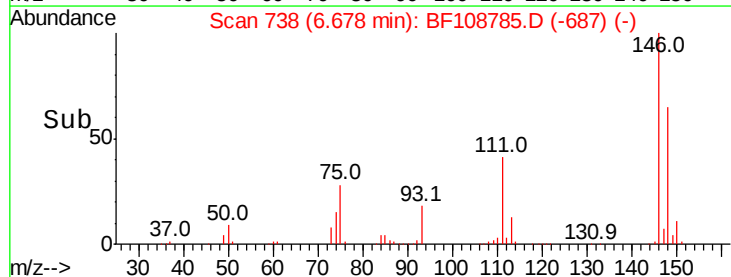
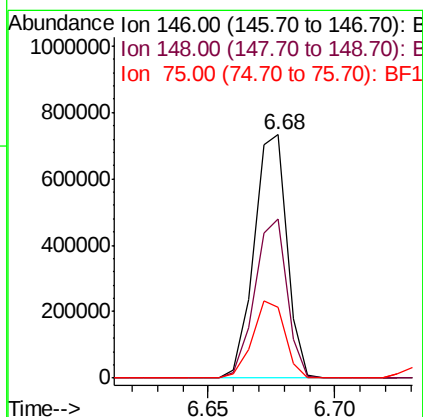
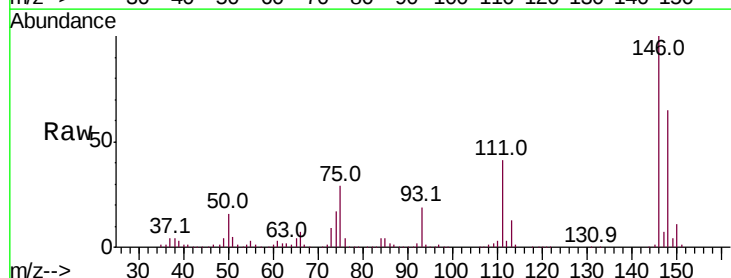
Instrument :
BNA_F
ClientSampled :

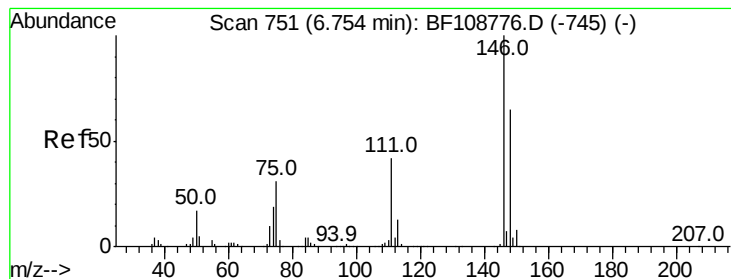
Tot Ion: 93 Resp: 752990
Ion Ratio Lower Upper
93 100
63 71.1 58.6 98.6
95 31.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 29.608 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion: 146 Resp: 665568
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
75 29.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 30.002 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampled :

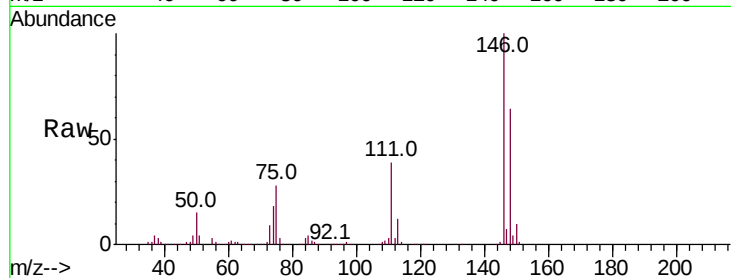
Tot Ion:146 Resp: 674444

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

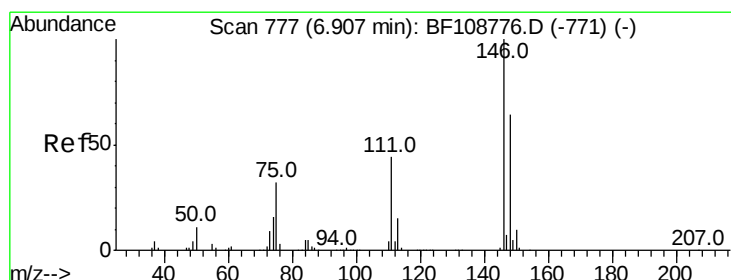
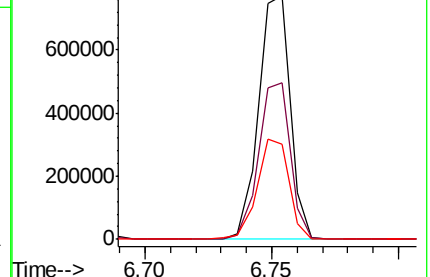
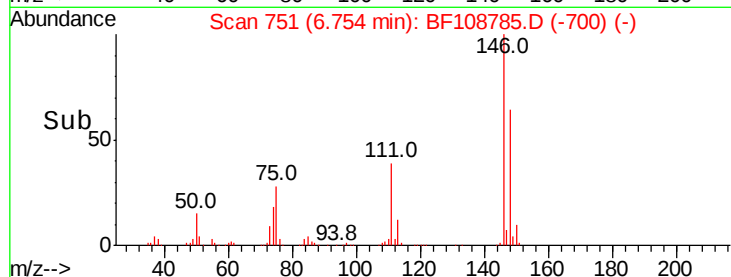
111 39.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.805 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

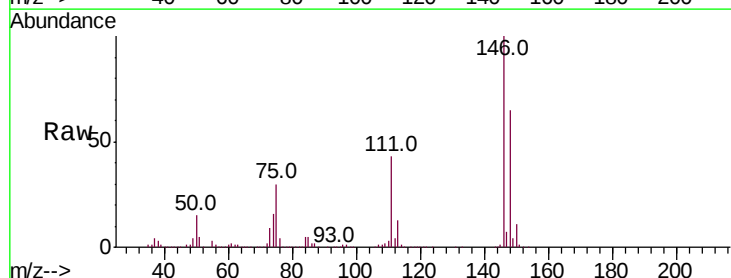
Tgt Ion:146 Resp: 638302

Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

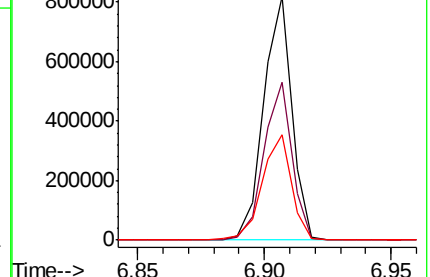
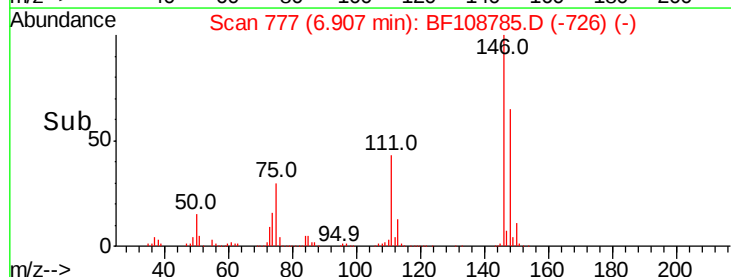
111 43.1 36.0 54.0

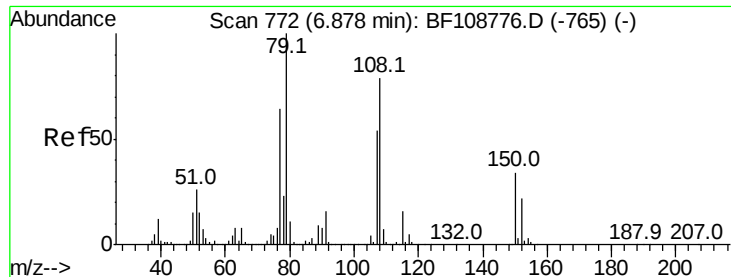


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.319 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

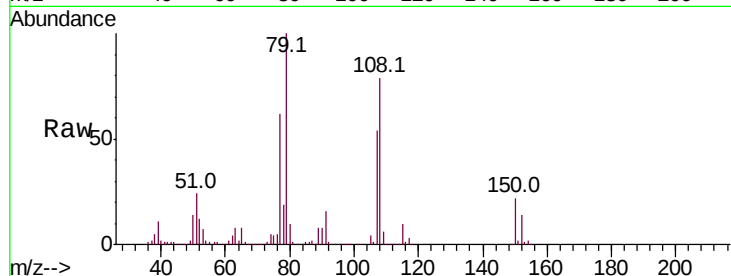
Tot Ion: 79 Resp: 585514

Ion Ratio Lower Upper

79 100

108 78.6 65.1 97.7

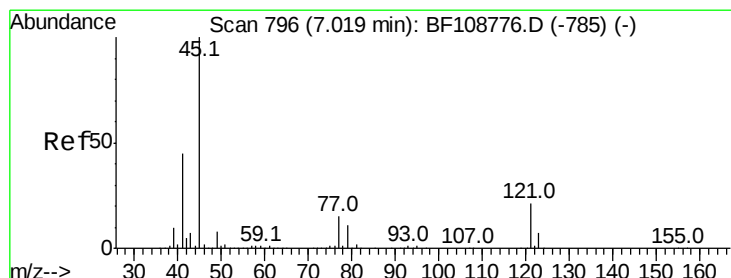
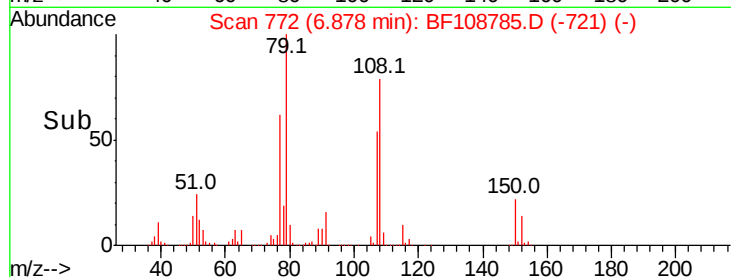
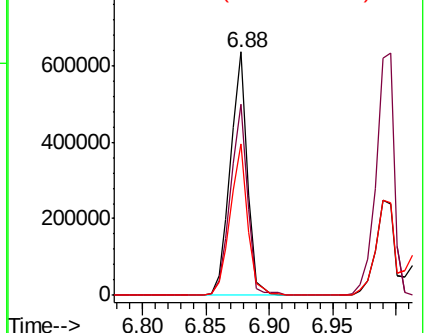
77 62.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.156 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

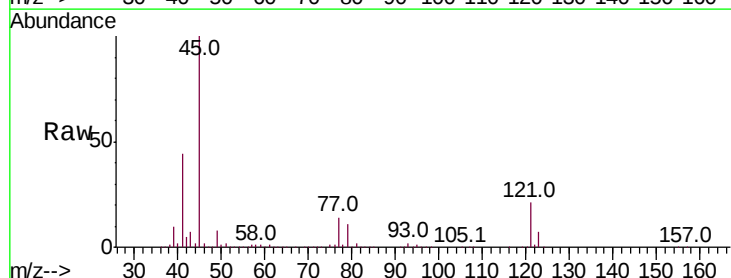
Tgt Ion: 45 Resp: 947064

Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.9

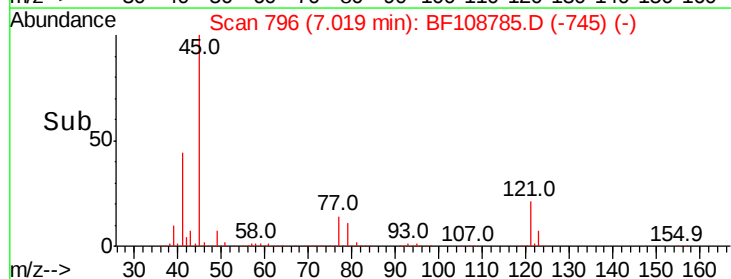
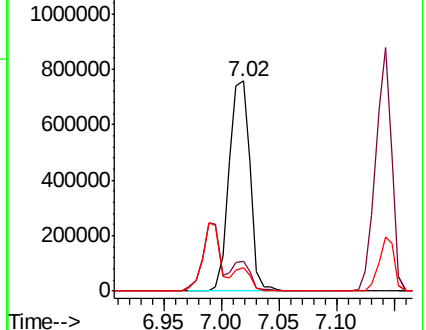
79 10.9 0.0 29.6

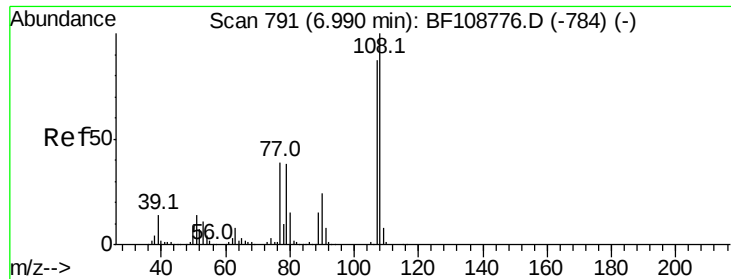


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 33.141 ng

RT: 7.00 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 551706

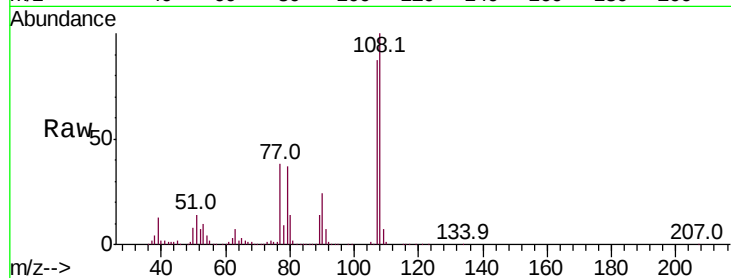
Ion Ratio Lower Upper

107 100

108 115.1 91.7 137.5

77 43.7 33.8 50.8

79 43.0 33.8 50.8

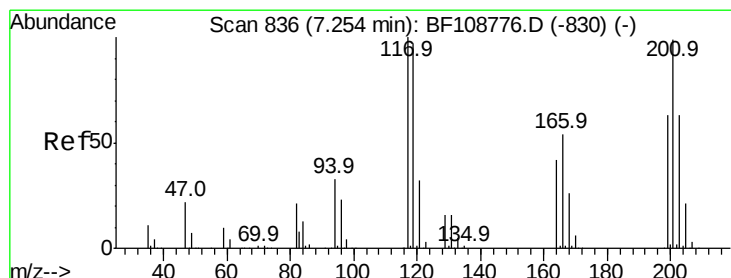
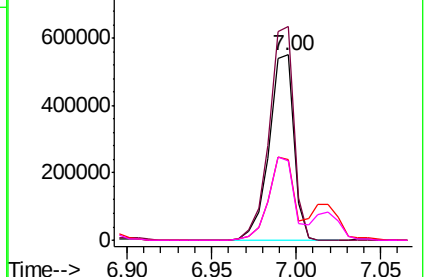
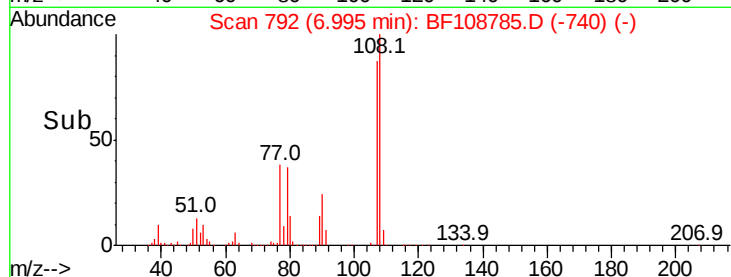


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.357 ng

RT: 7.25 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

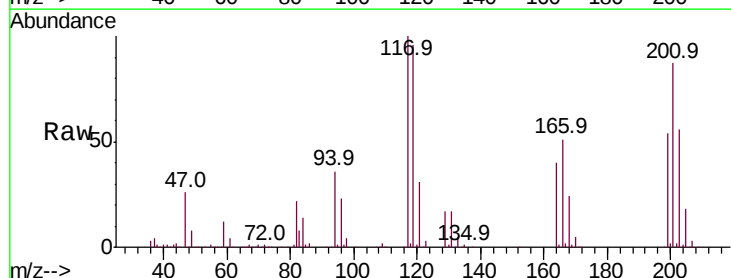
Tgt Ion:117 Resp: 229851

Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.8

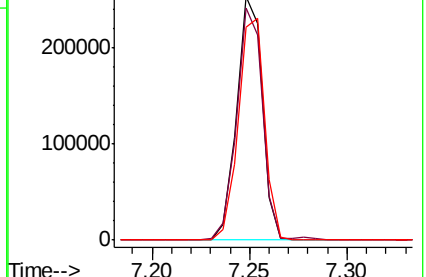
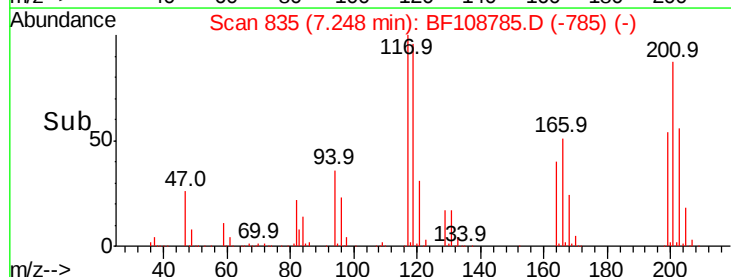
201 87.4 75.7 113.5

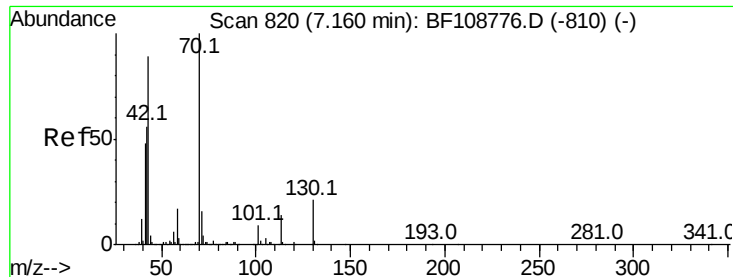


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

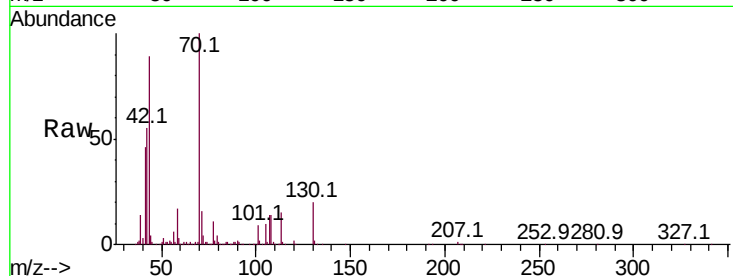




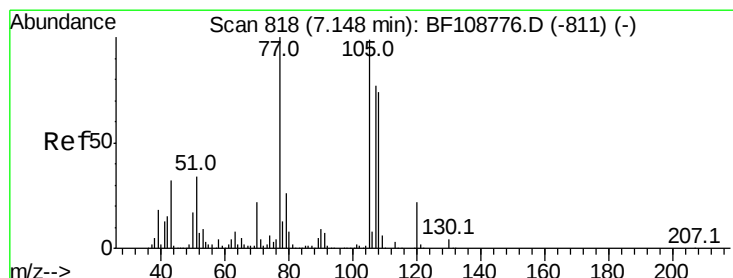
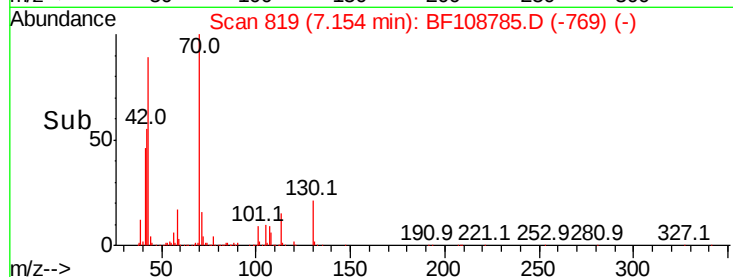
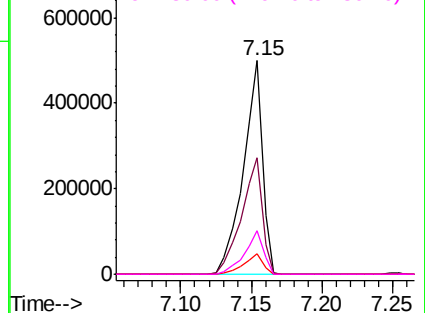
#19
n-Nitroso-di-n-propylamine
Concen: 29.772 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	473876
Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	9.5	7.4	11.2
130	20.5	16.6	25.0

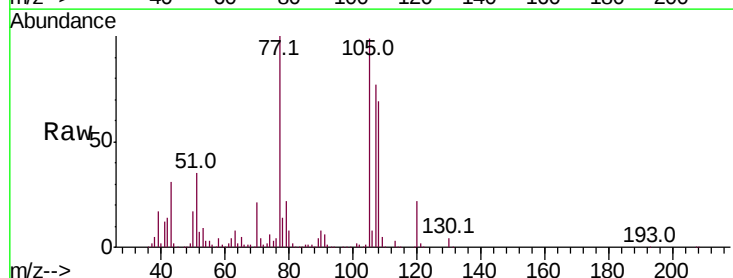


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

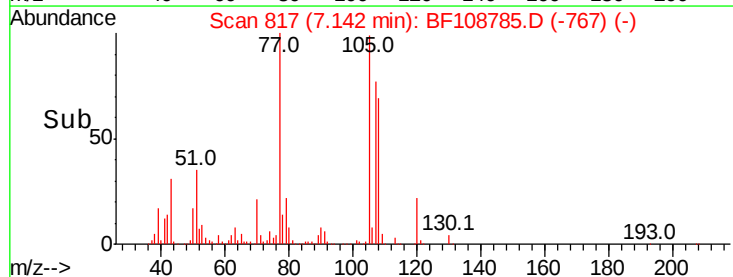
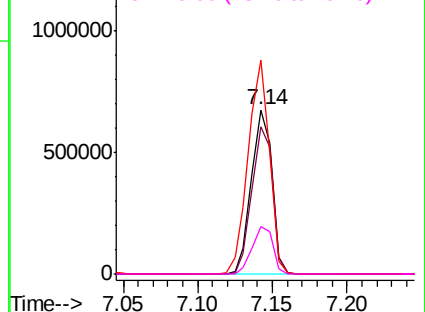


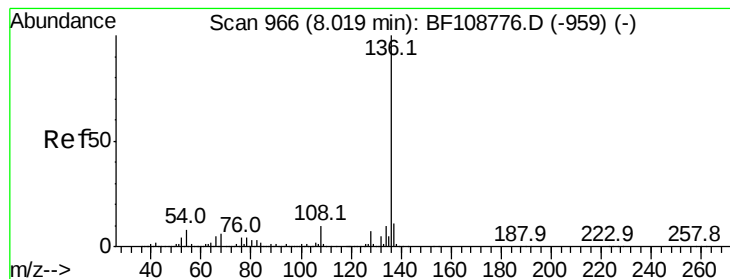
#20
3+4-Methylphenols
Concen: 33.004 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:	107	Resp:	643612
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	130.1	26.7	66.7#
79	29.1	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1149973

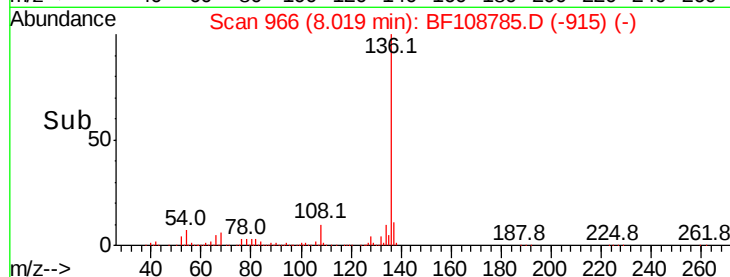
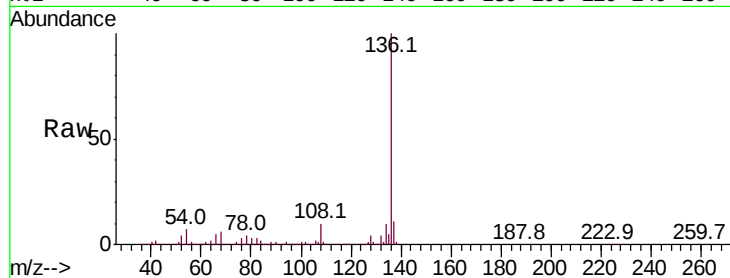
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4

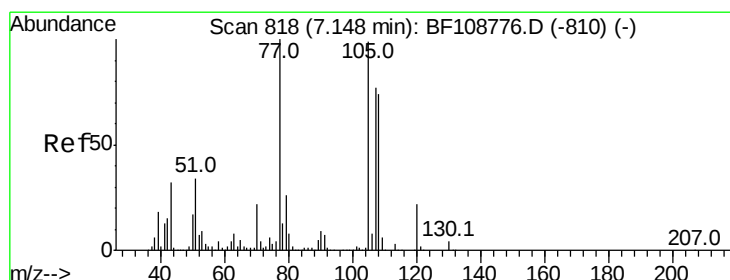
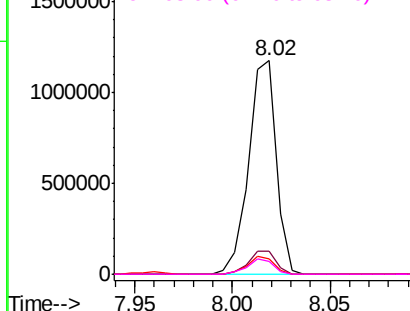


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.054 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion:105 Resp: 862668

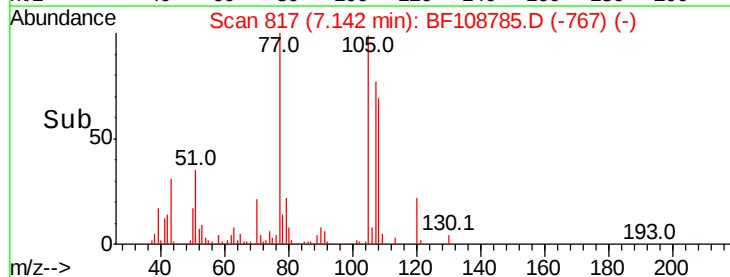
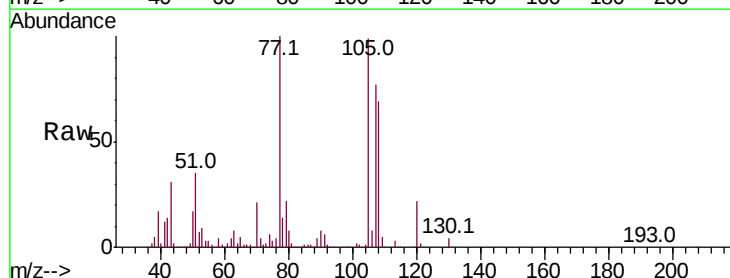
Ion Ratio Lower Upper

105 100

71 3.7 4.4 6.6#

51 35.6 22.3 33.5#

120 21.8 16.9 25.3

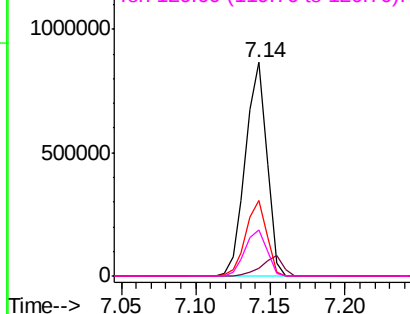


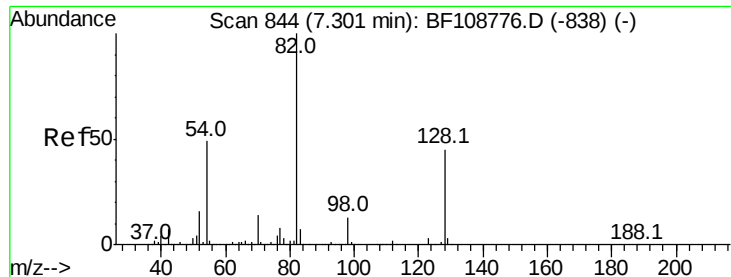
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

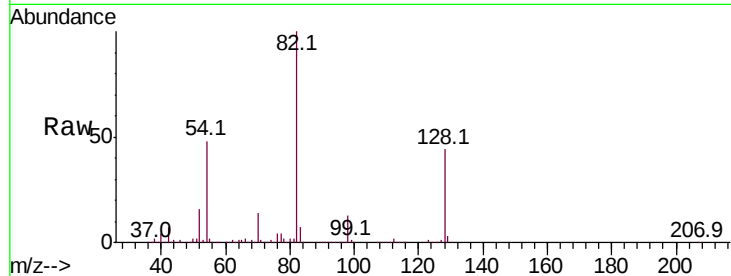




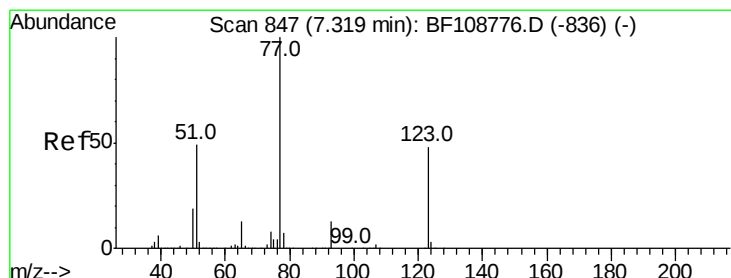
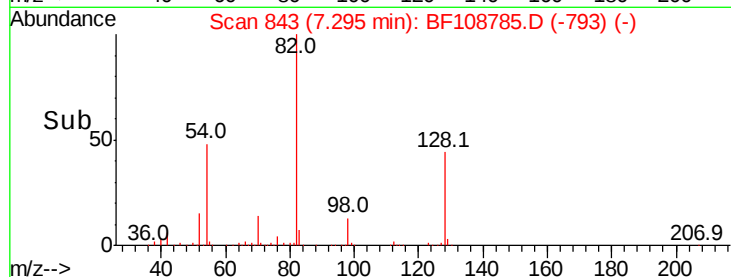
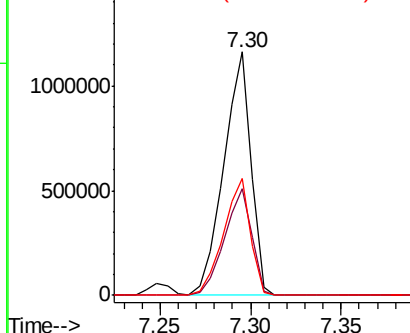
#23
 Nitrobenzene-d5
 Concen: 65.790 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1208934
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 48.0 41.4 62.2

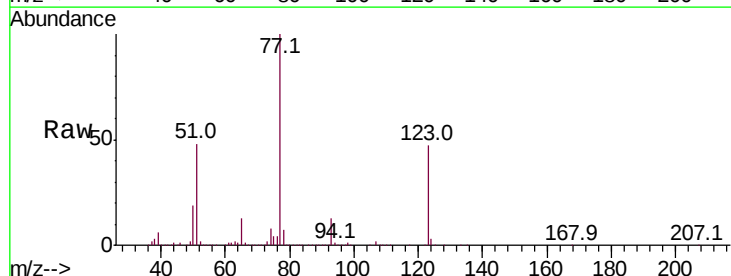


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

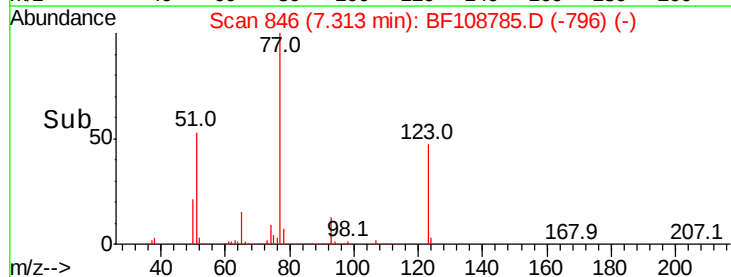
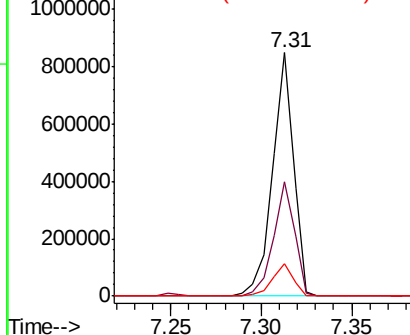


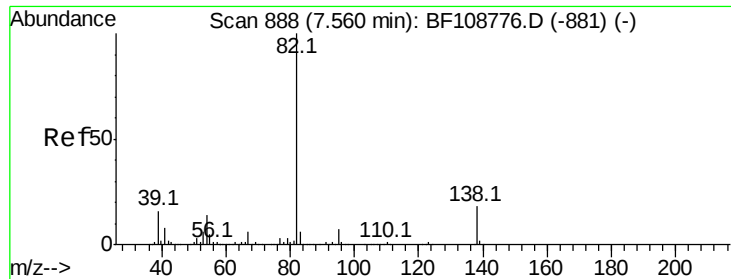
#24
 Nitrobenzene
 Concen: 34.538 ng
 RT: 7.31 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion: 77 Resp: 680960
 Ion Ratio Lower Upper
 77 100
 123 47.1 37.9 56.9
 65 13.4 11.0 16.4



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

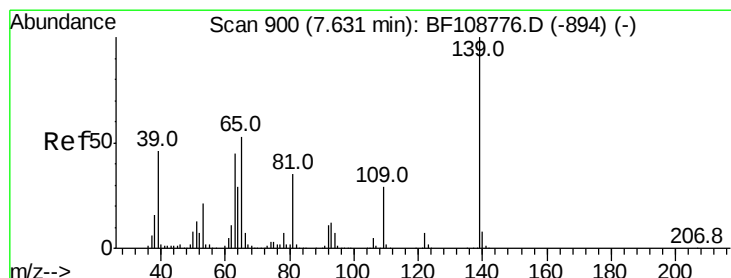
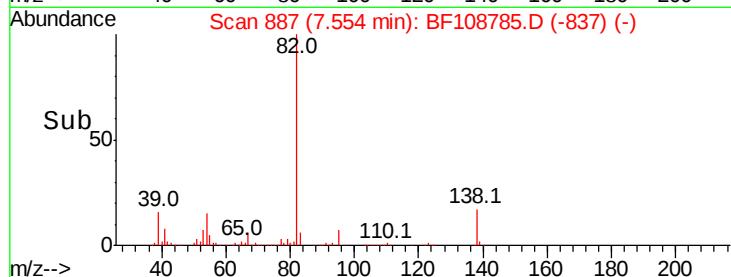
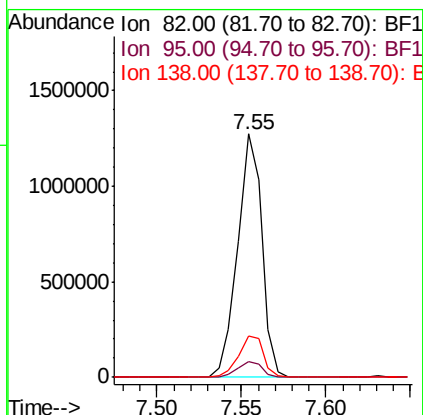
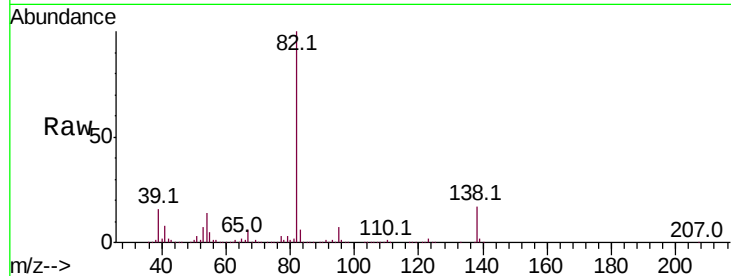




#25
Isophorone
Concen: 34.791 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

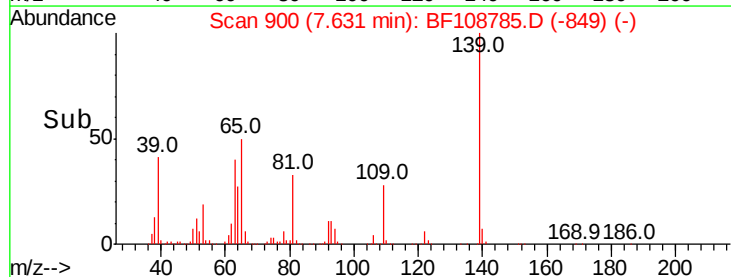
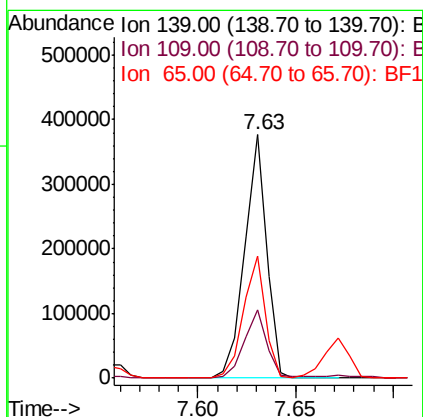
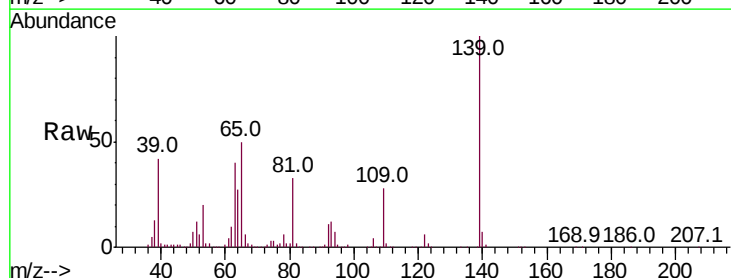
Instrument :
BNA_F
ClientSampleId :

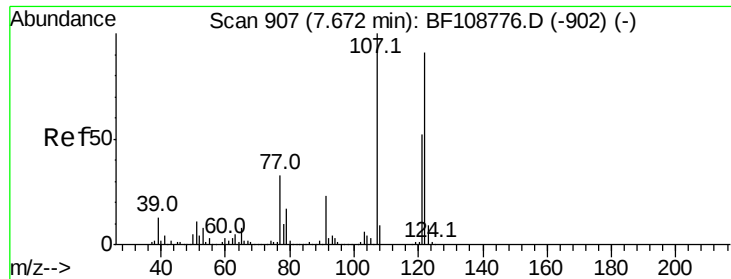
Tot Ion: 82 Resp: 1275231
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 38.022 ng
RT: 7.63 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion: 139 Resp: 295349
Ion Ratio Lower Upper
139 100
109 28.1 22.7 34.1
65 50.3 40.5 60.7

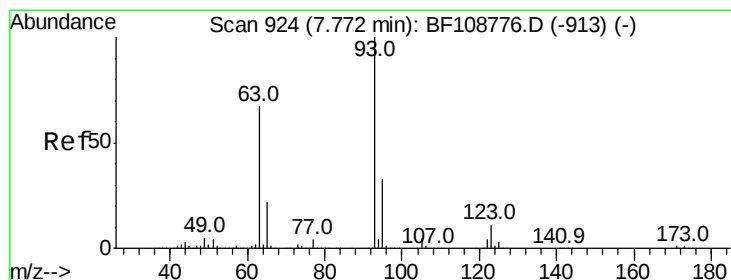
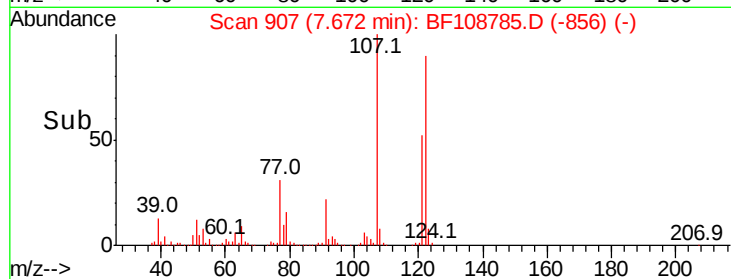
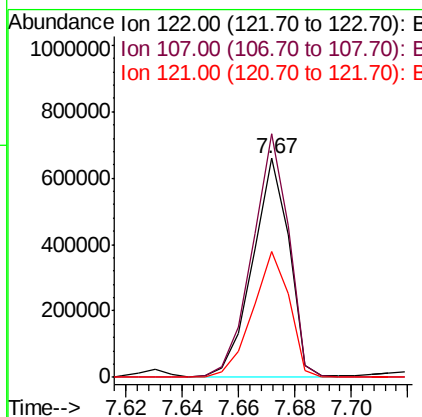
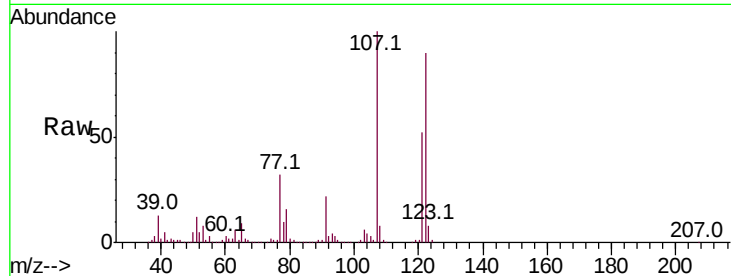




#27
 2,4-Dimethylphenol
 Concen: 37.477 ng
 RT: 7.67 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

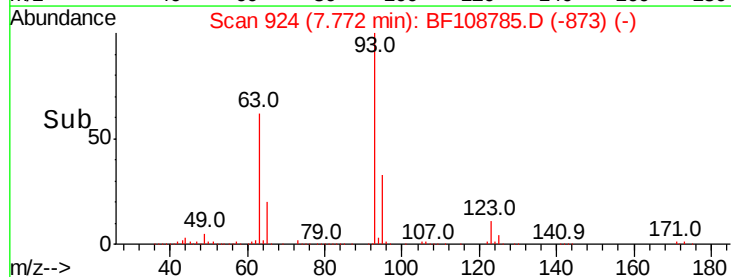
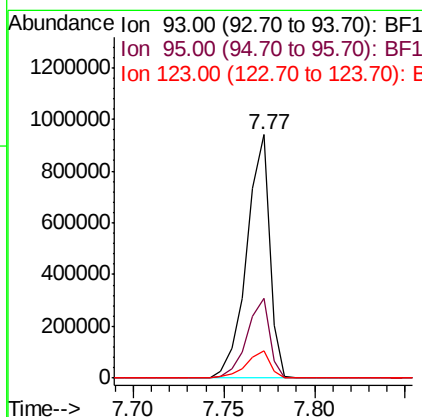
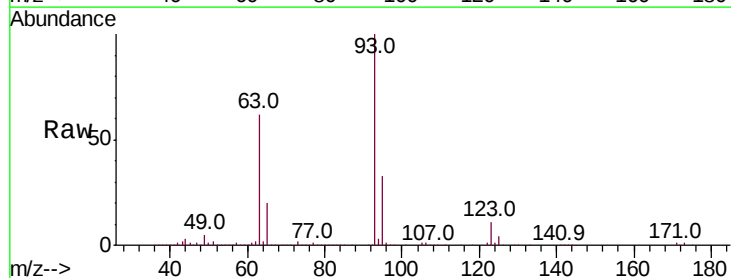
Instrument :
 BNA_F
 ClientSampleId :

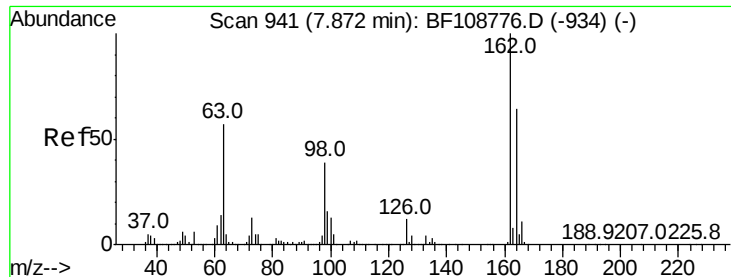
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	91.2	136.8
121	57.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.667 ng
 RT: 7.77 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 33.484 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

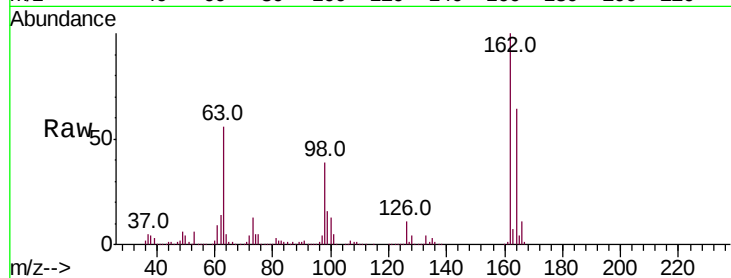
Tot Ion:162 Resp: 544624

Ion Ratio Lower Upper

162 100

164 64.4 42.7 82.7

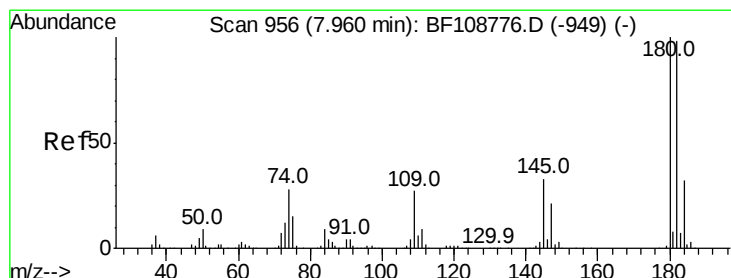
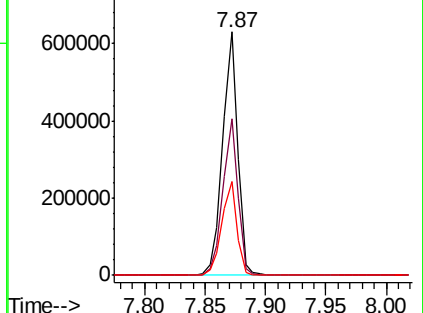
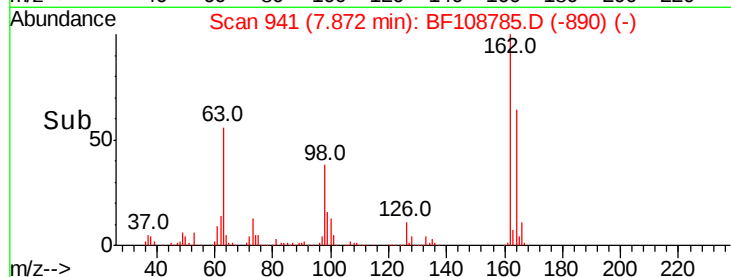
98 38.6 18.1 58.1



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: 30.886 ng

RT: 7.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

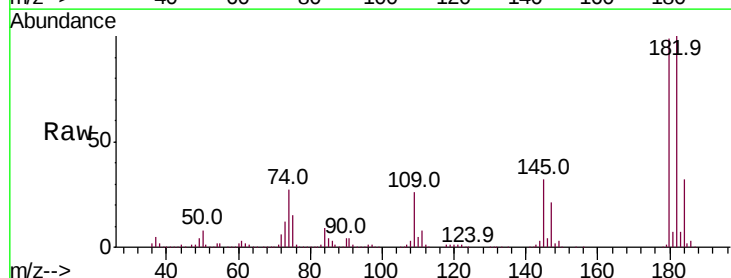
Tgt Ion:180 Resp: 544423

Ion Ratio Lower Upper

180 100

182 101.2 76.8 115.2

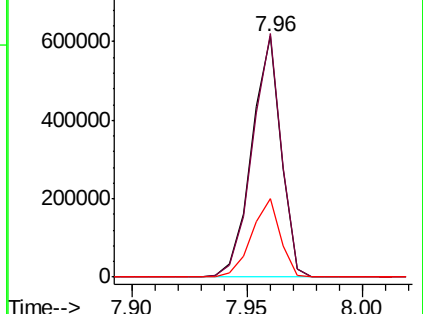
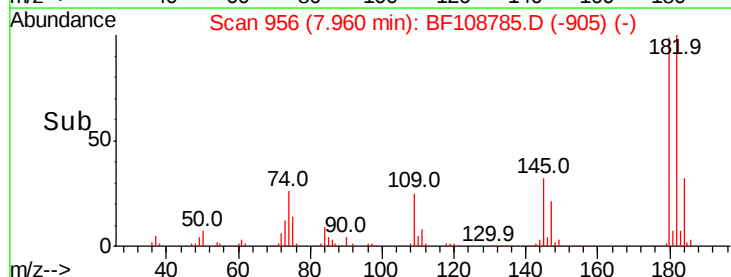
145 32.6 26.5 39.7

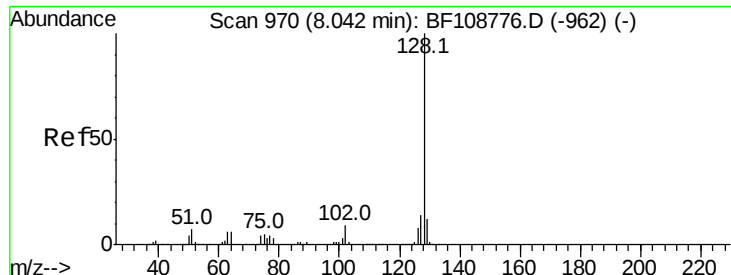


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

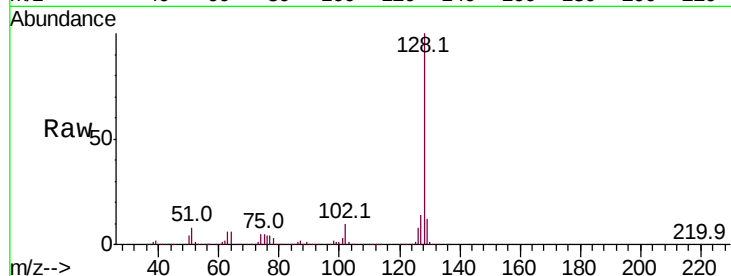




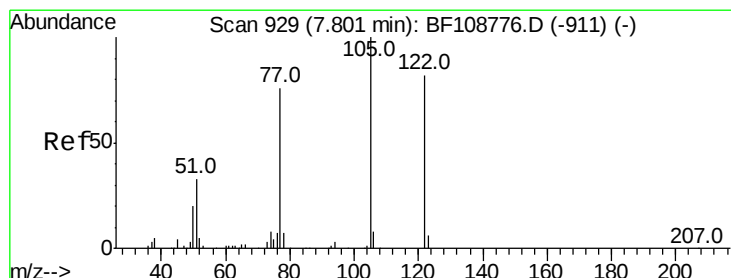
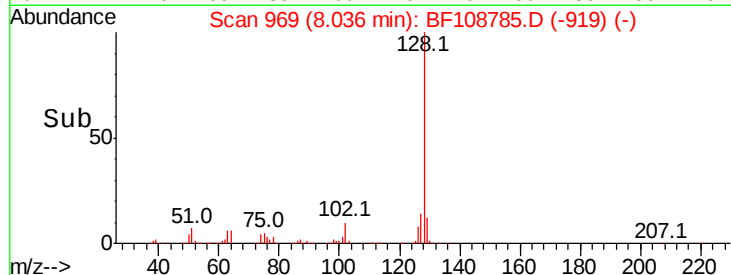
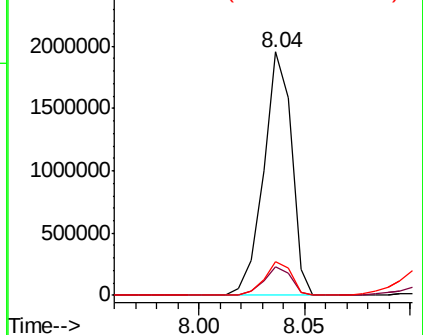
#31
Naphthalene
Concen: 34.757 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1798236
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 13.9 10.9 16.3

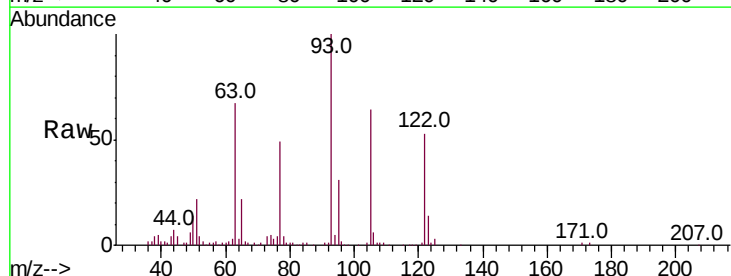


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

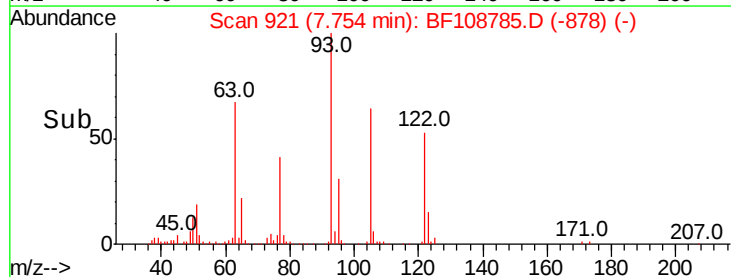
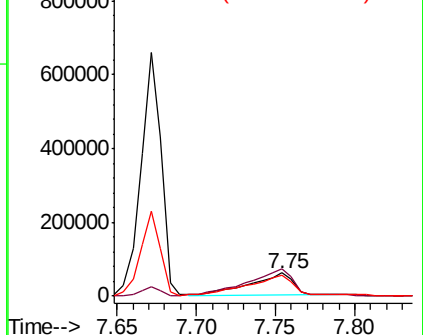


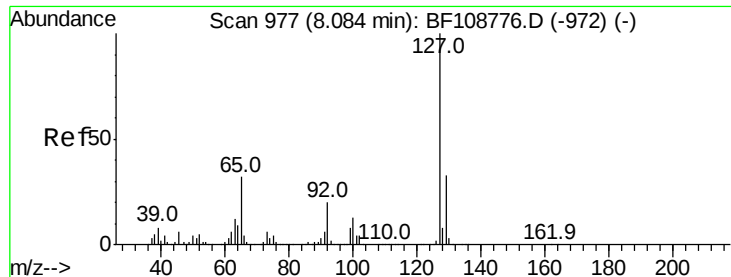
#32
Benzoic acid
Concen: 15.149 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.05 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:122 Resp: 113852
Ion Ratio Lower Upper
122 100
105 120.1 101.1 141.1
77 92.6 70.7 110.7



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

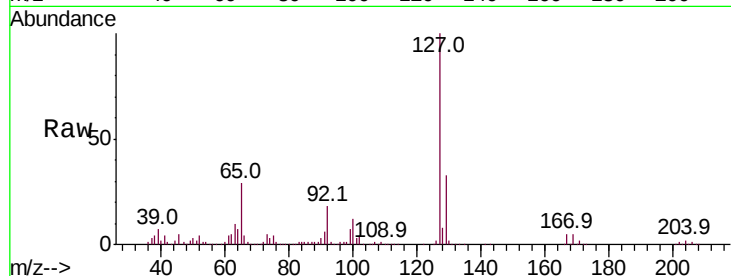




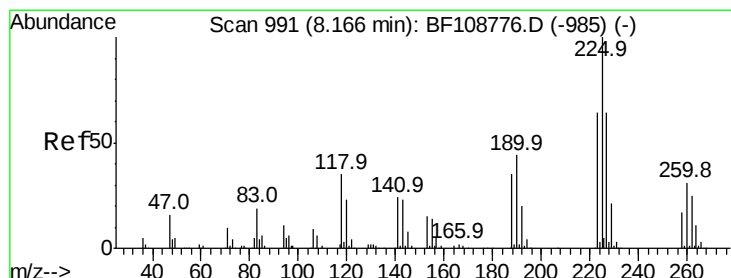
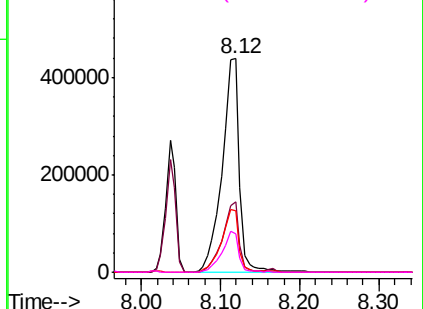
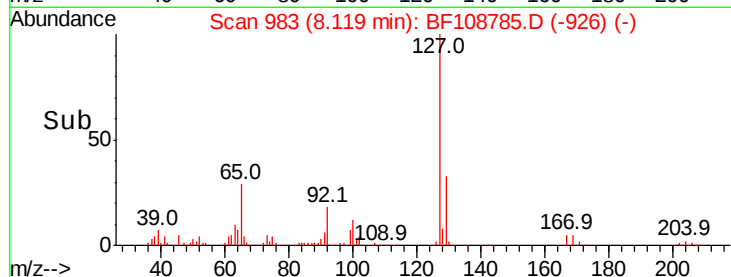
#33
4-Chloroaniline
Concen: 27.980 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.04 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	664859
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	29.1	25.0	37.4
92	18.3	15.2	22.8

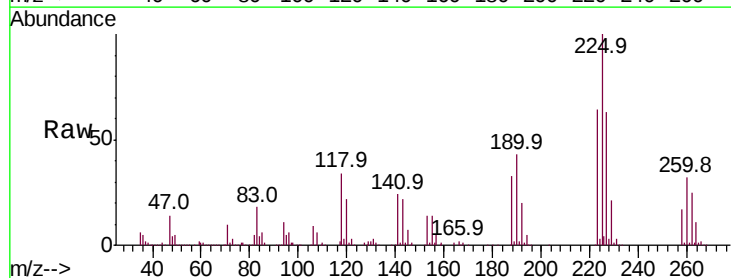


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

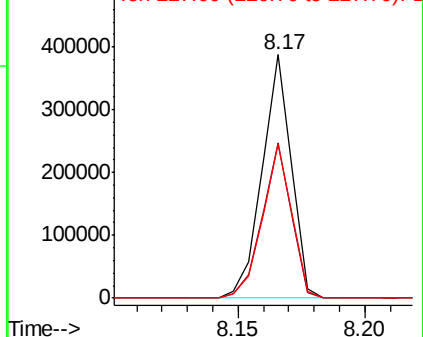
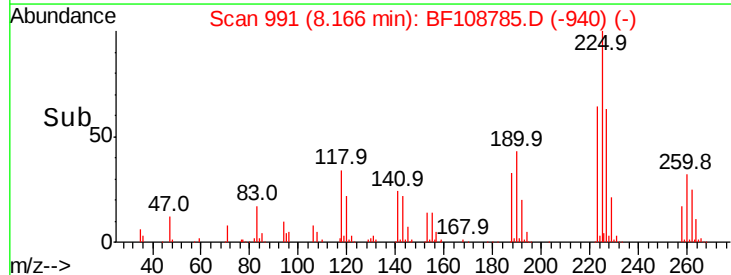


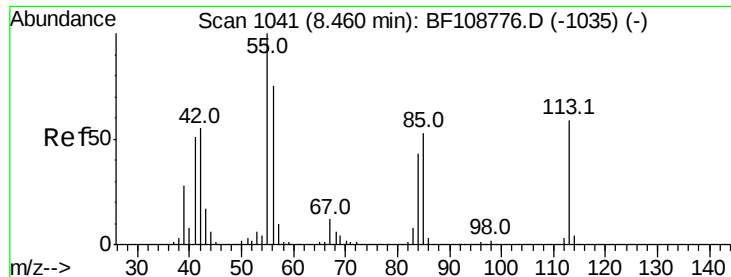
#34
Hexachlorobutadiene
Concen: 29.706 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:	225	Resp:	312817
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.1	51.9	77.9



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





#35

Caprolactam

Concen: 21.779 ng

RT: 8.44 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

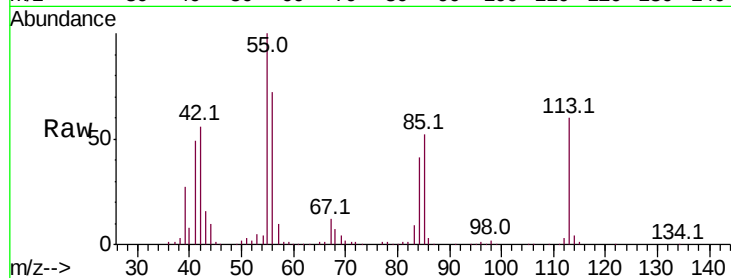
Tot Ion:113 Resp: 120035

Ion Ratio Lower Upper

113 100

55 165.4 163.3 203.3

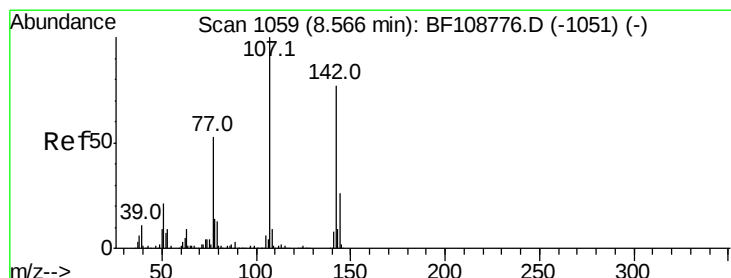
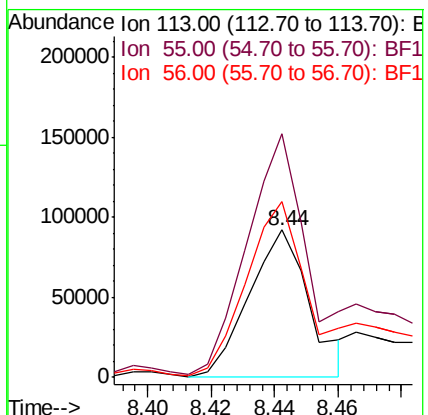
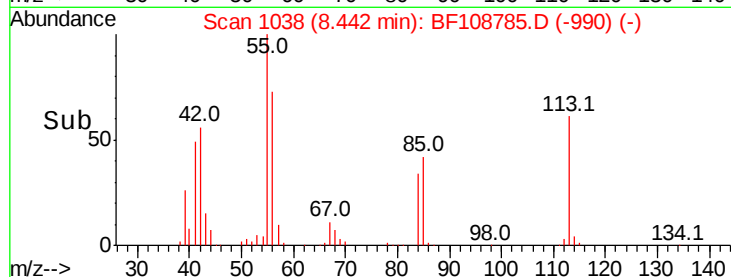
56 119.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 32.654 ng

RT: 8.57 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

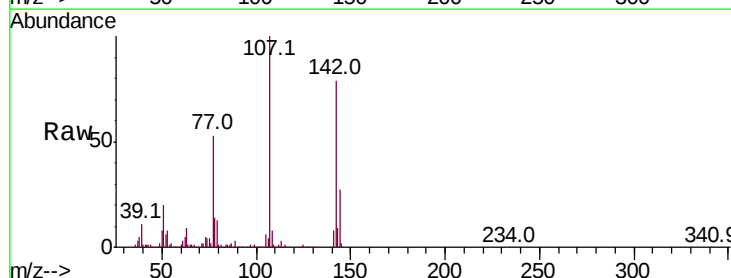
Tgt Ion:107 Resp: 565799

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

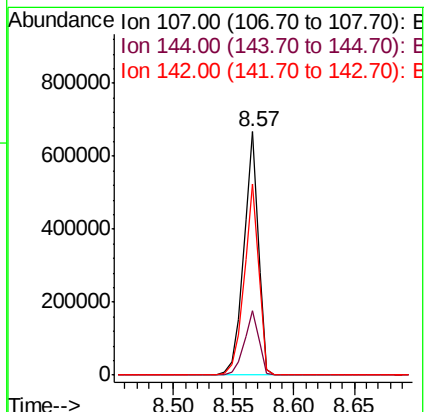
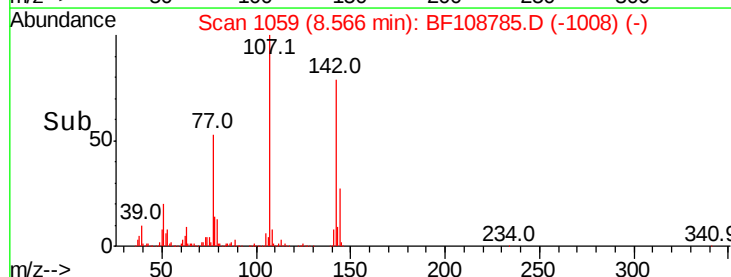
142 78.5 62.0 93.0

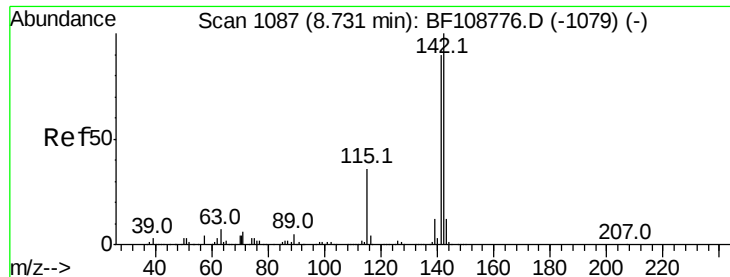


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

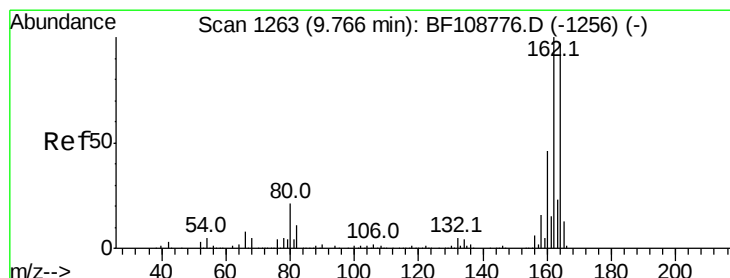
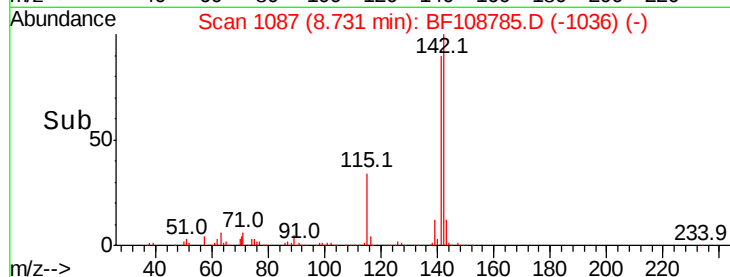
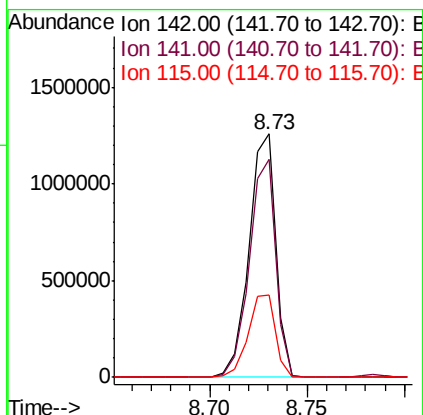
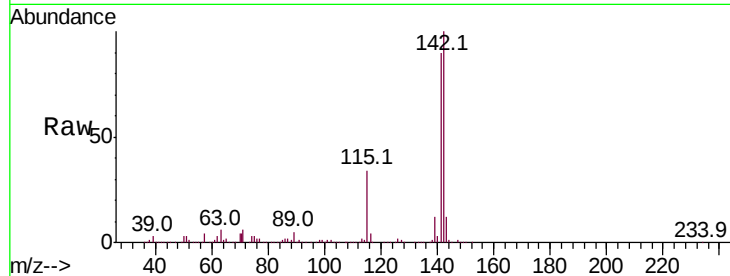




#37
2-Methylnaphthalene
Concen: 34.922 ng
RT: 8.73 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

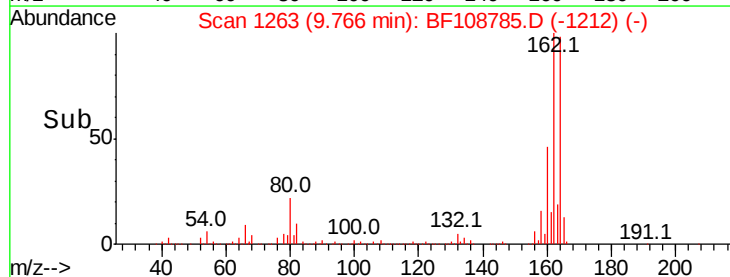
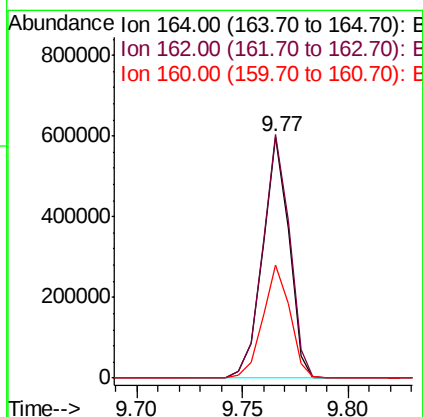
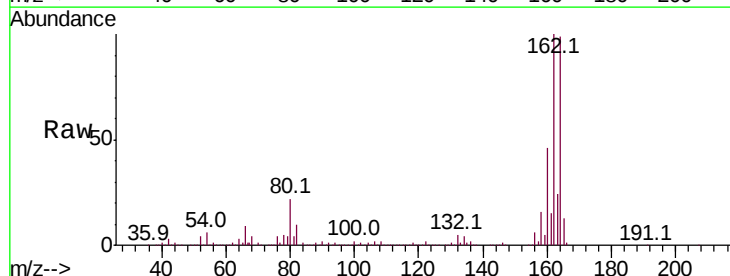
Instrument :
BNA_F
ClientSampleId :

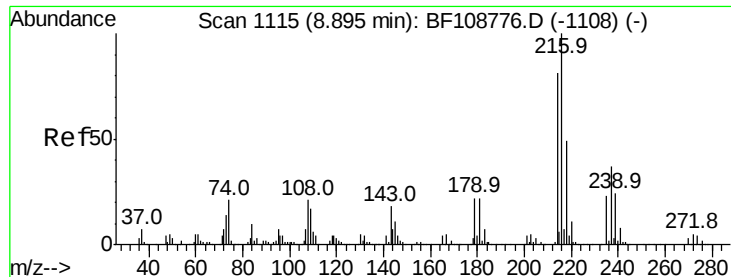
Tot Ion:142 Resp: 1193638
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 33.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:164 Resp: 520449
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 46.8 38.3 57.5

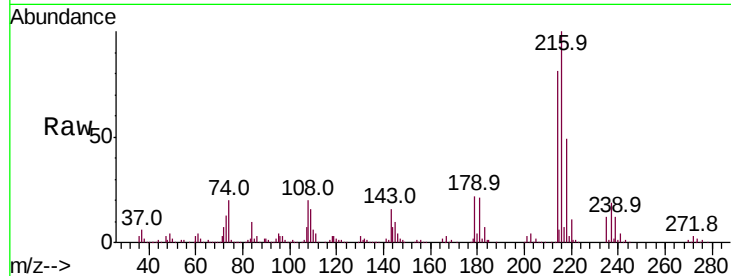




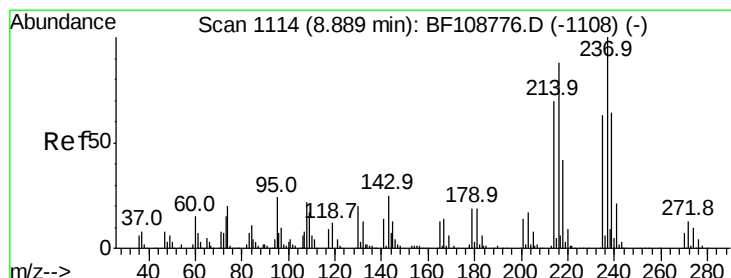
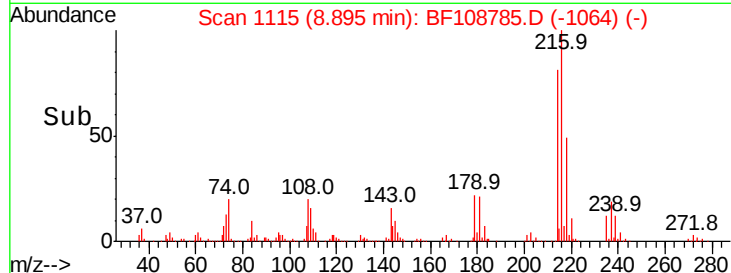
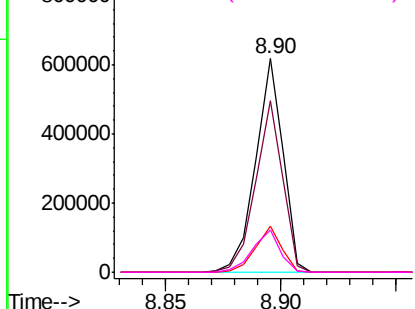
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.872 ng
 RT: 8.90 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	511418
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	21.0	18.1	27.1
108	20.0	17.2	25.8

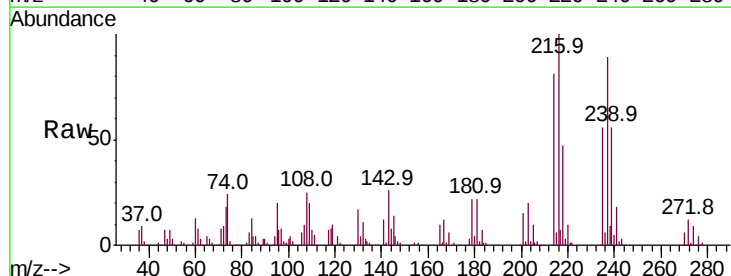


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

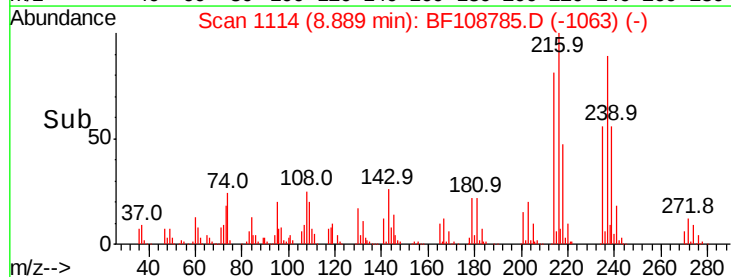
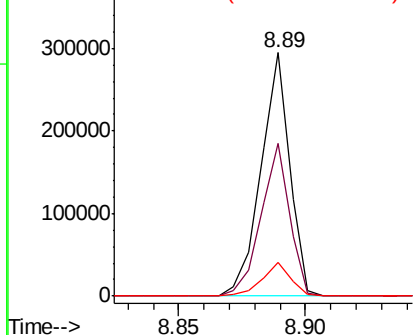


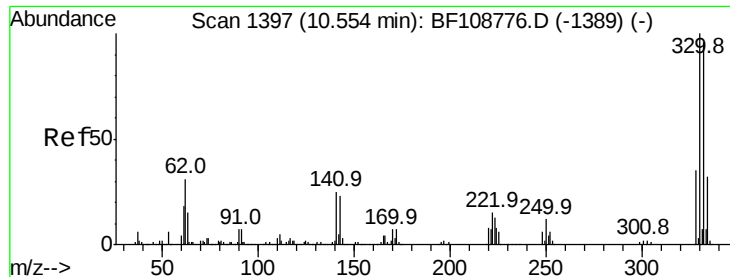
#40
 Hexachlorocyclopentadiene
 Concen: 29.979 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion:	237	Resp:	234636
Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	13.6	0.0	33.3



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

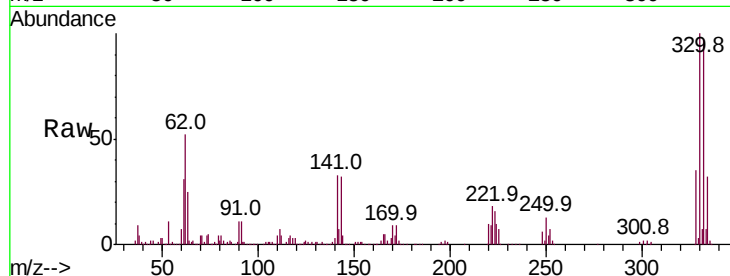




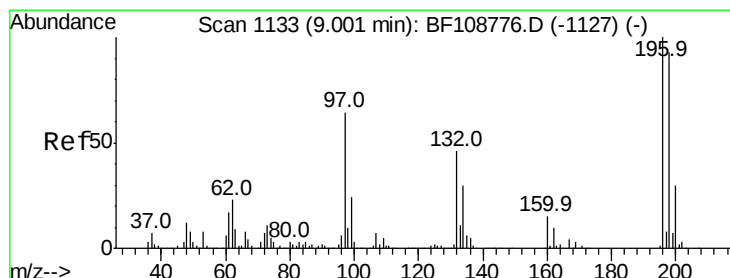
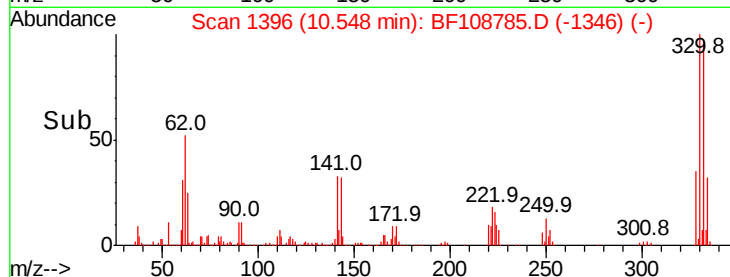
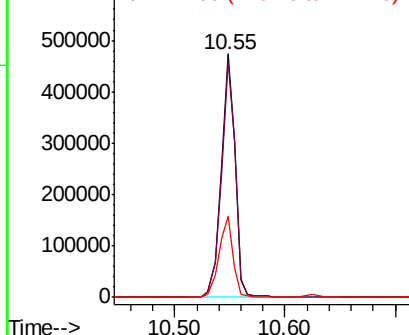
#41
 2,4,6-Tribromophenol
 Concen: 83.743 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 416075
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 33.6 29.9 44.9

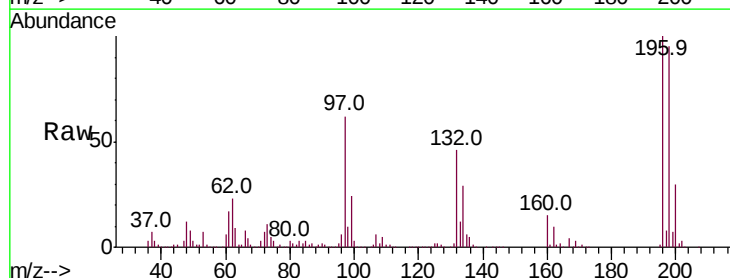


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

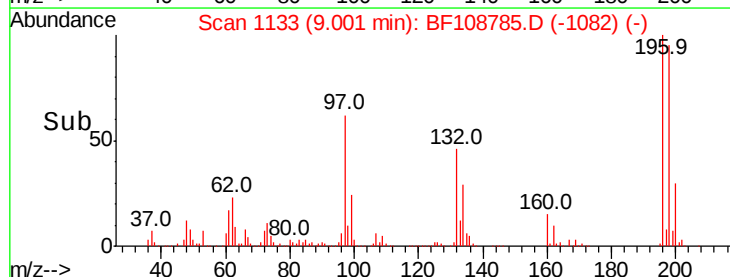
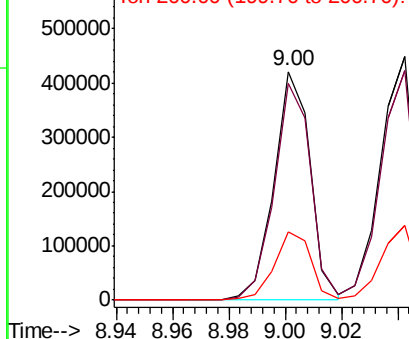


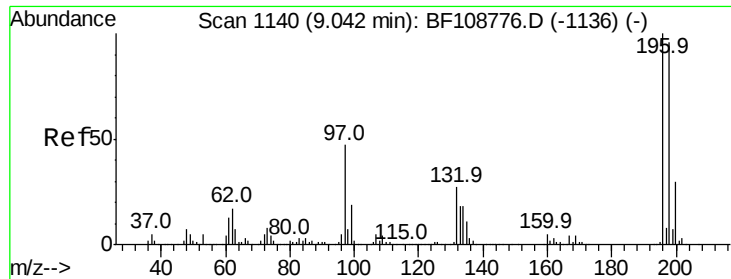
#42
 2,4,6-Trichlorophenol
 Concen: 35.217 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion:196 Resp: 373183
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.0 24.5 36.7



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

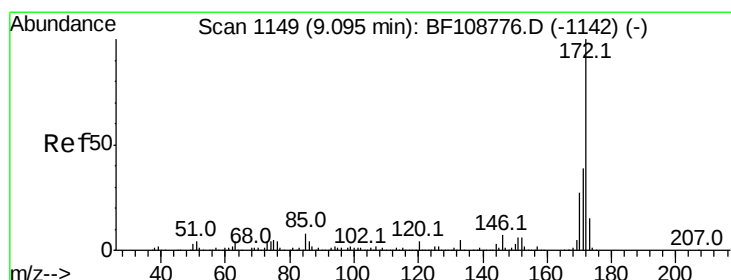
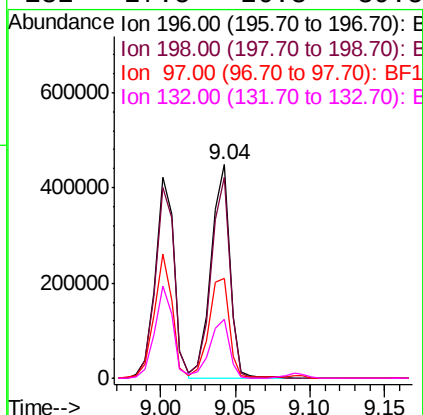
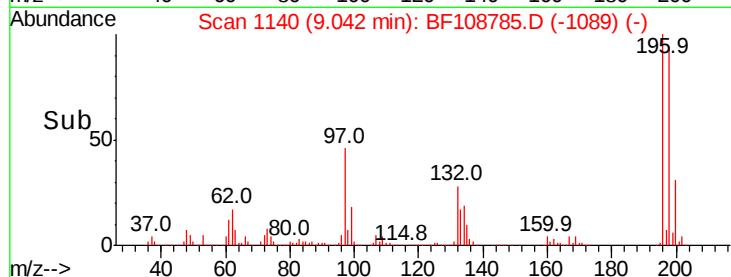
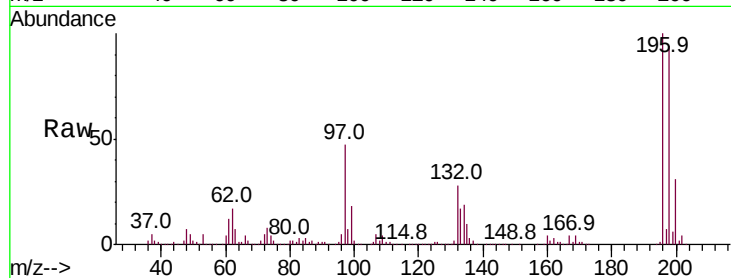




#43
 2,4,5-Trichlorophenol
 Concen: 35.670 ng
 RT: 9.04 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

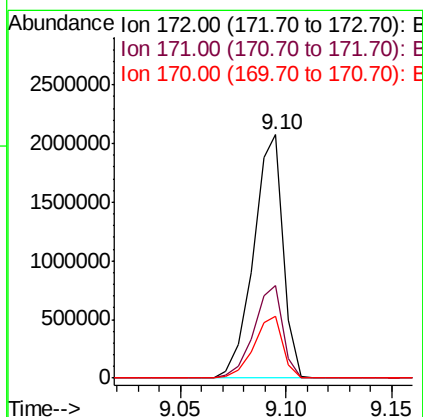
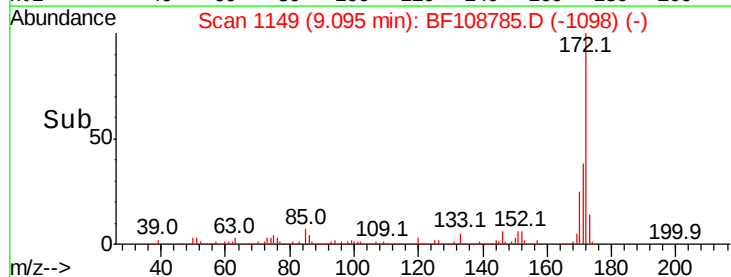
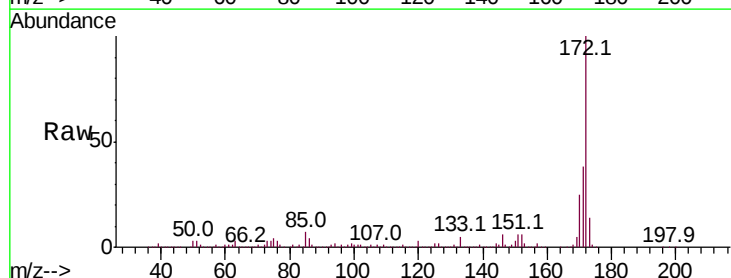
Instrument :
 BNA_F
 ClientSampleId :

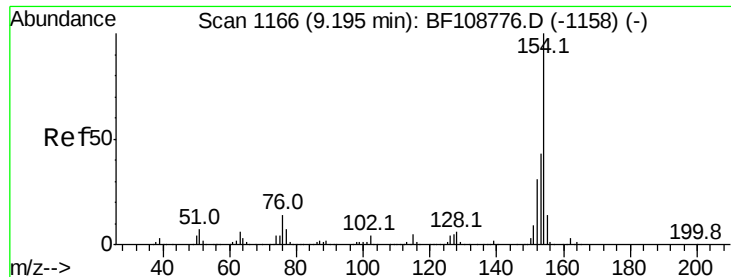
Tot Ion:	196	Resp:	391815
Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	46.6	42.9	64.3
132	27.5	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 66.091 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion:	172	Resp:	2016252
Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.7	44.5
170	25.4	19.6	29.4

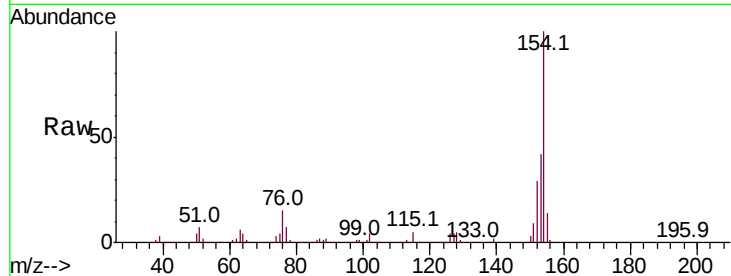




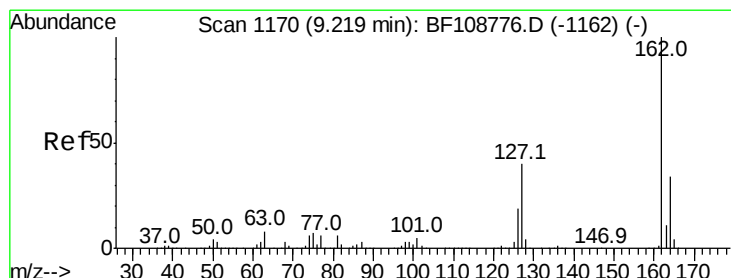
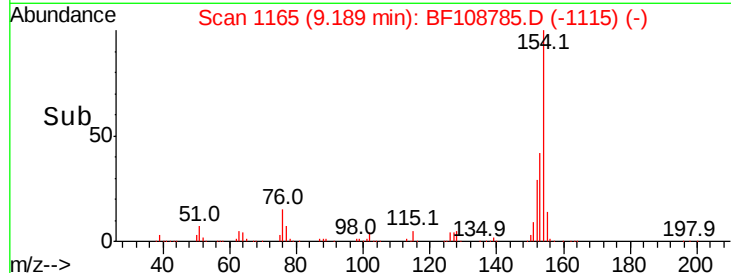
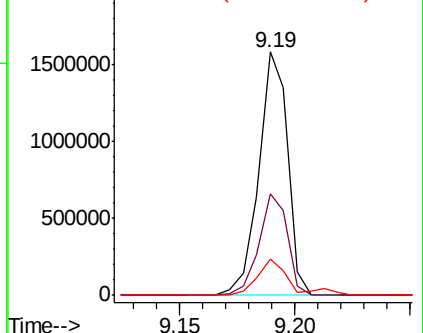
#45
 1,1'-Biphenyl
 Concen: 34.439 ng
 RT: 9.19 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1379886
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 14.8 0.0 34.0

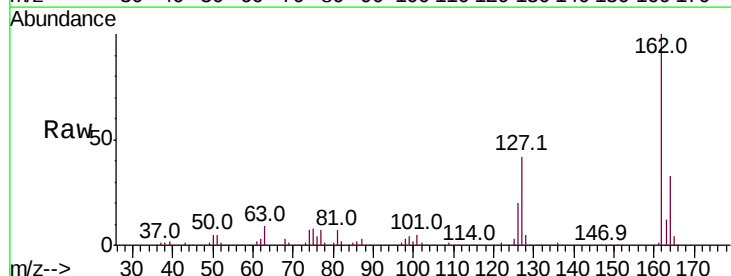


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

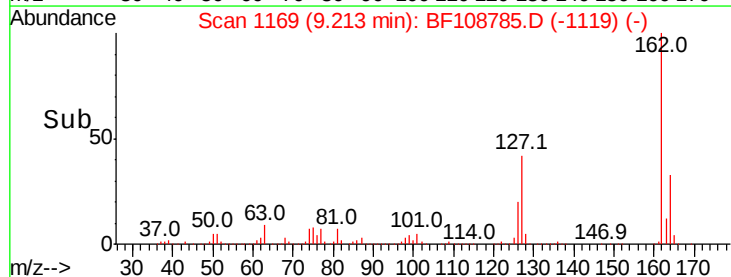
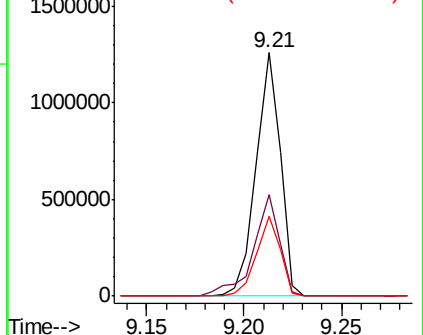


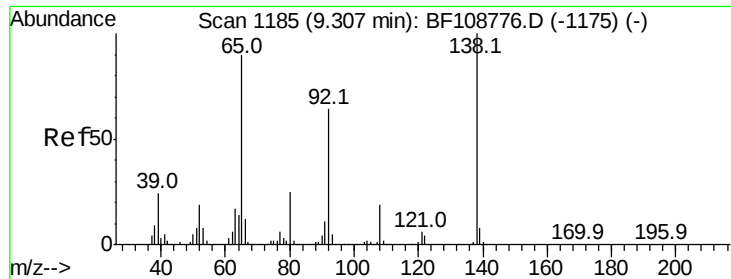
#46
 2-Chloronaphthalene
 Concen: 33.671 ng
 RT: 9.21 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion:162 Resp: 1091079
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.9 50.9
 164 32.9 26.5 39.7



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

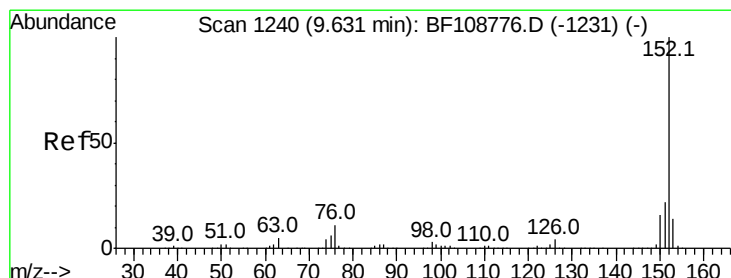
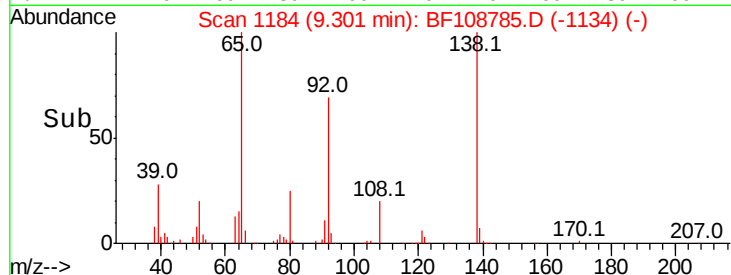
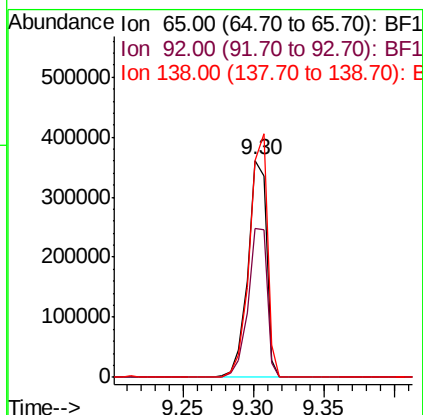
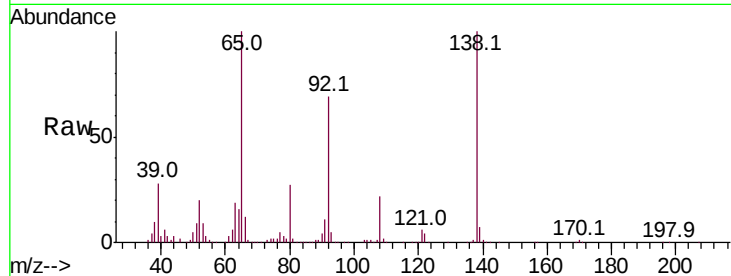




#47
2-Nitroaniline
Concen: 37.922 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

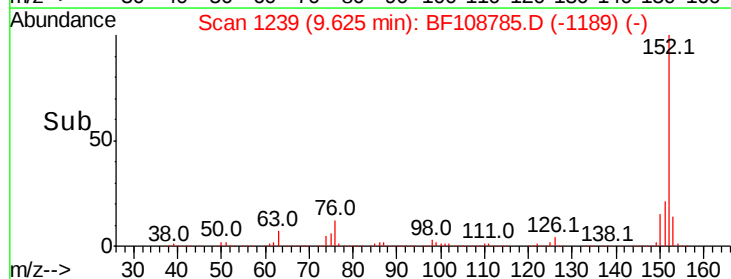
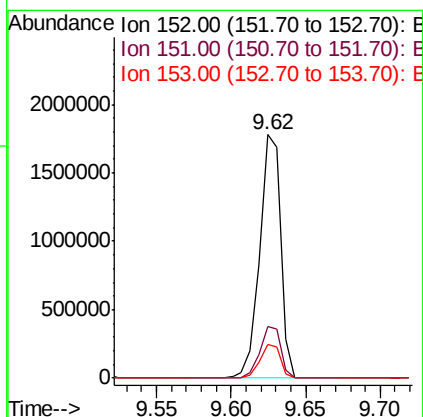
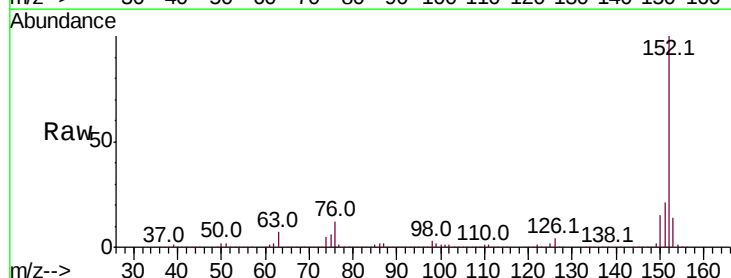
Instrument :
BNA_F
ClientSampled :

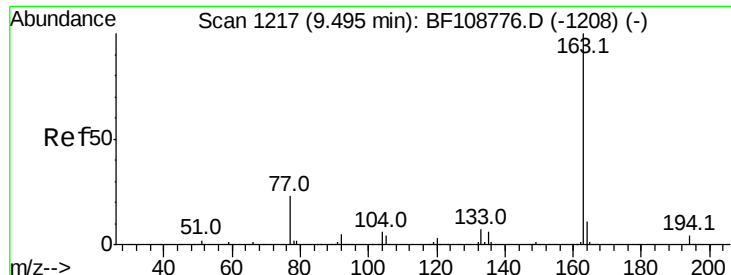
Tot Ion: 65 Resp: 335702
Ion Ratio Lower Upper
65 100
92 68.6 55.8 83.6
138 99.6 91.2 136.8



#48
Acenaphthylene
Concen: 35.353 ng
RT: 9.62 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion: 152 Resp: 1707590
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 13.9 10.7 16.1

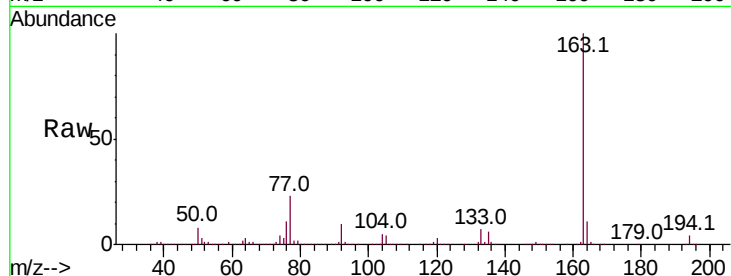




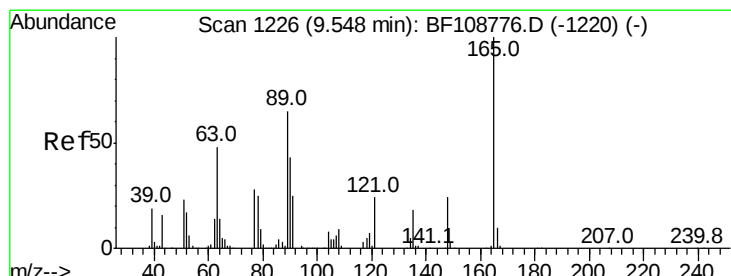
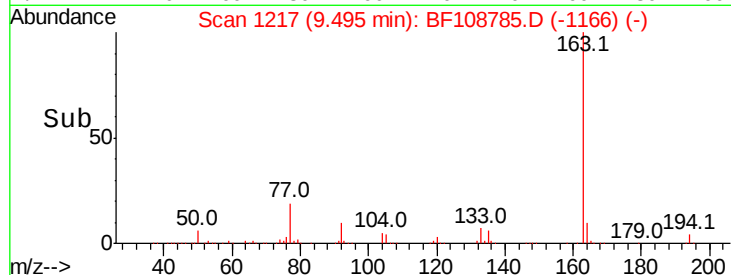
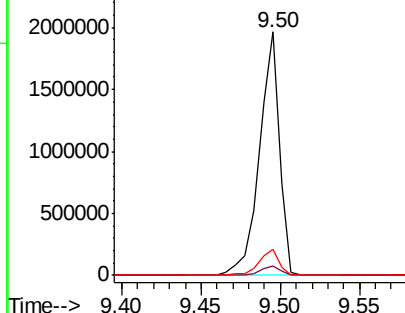
#49
Dimethylphthalate
Concen: 47.697 ng
RT: 9.50 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1736272
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

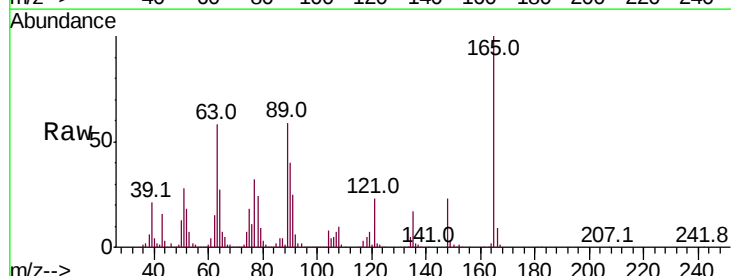


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

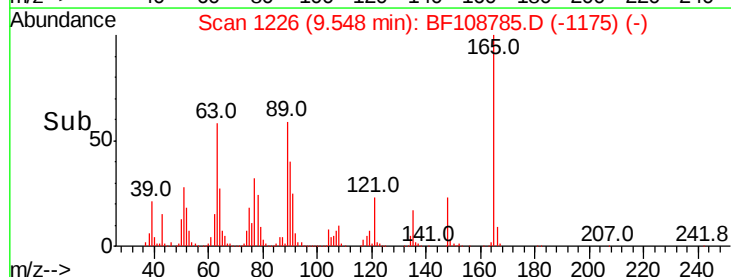
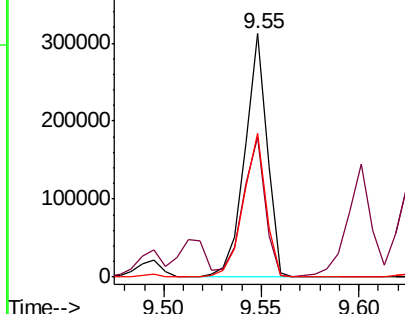


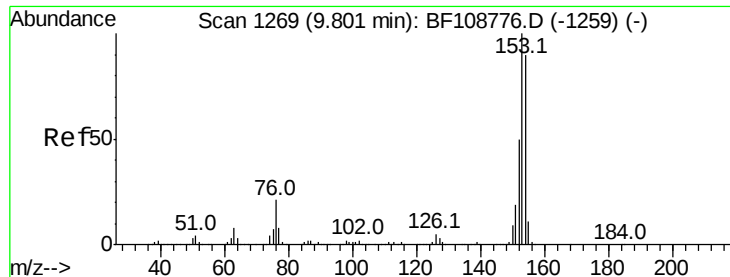
#50
2,6-Dinitrotoluene
Concen: 35.755 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:165 Resp: 248012
Ion Ratio Lower Upper
165 100
63 57.5 44.7 67.1
89 59.3 44.0 66.0



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





#51

Acenaphthene

Concen: 34.018 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

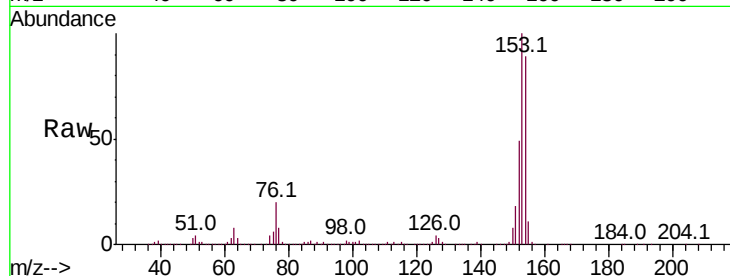
Tot Ion:154 Resp: 1016788

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

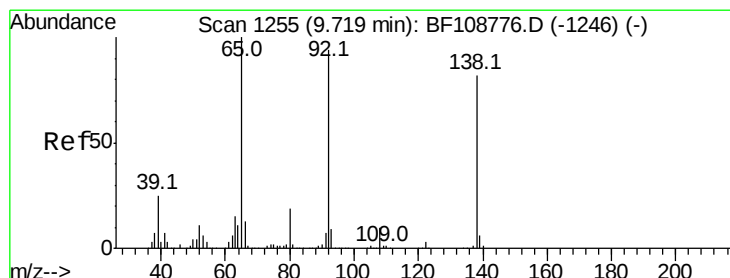
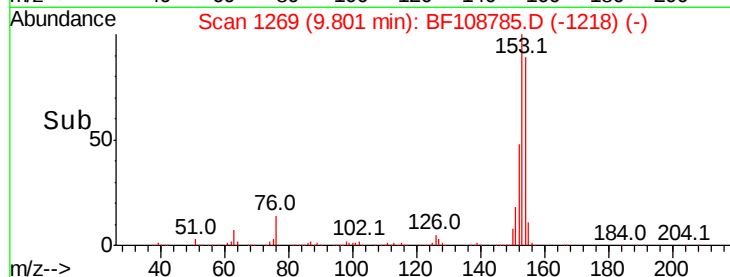
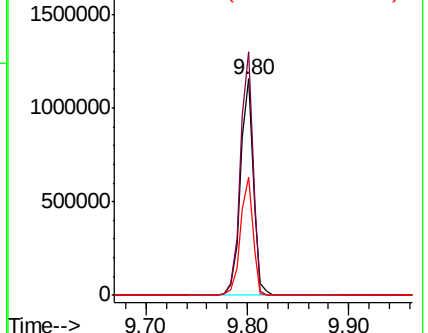
152 54.6 43.8 65.8



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



#52

3-Nitroaniline

Concen: 30.907 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

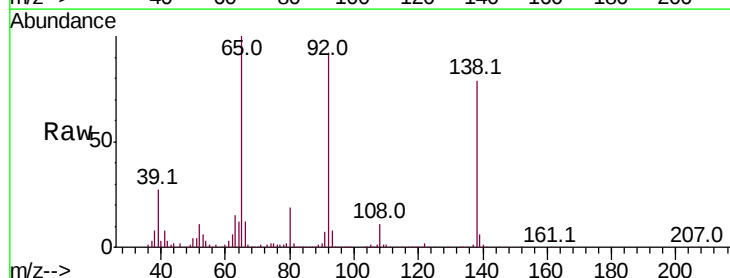
Tgt Ion:138 Resp: 255194

Ion Ratio Lower Upper

138 100

108 14.6 9.4 14.0#

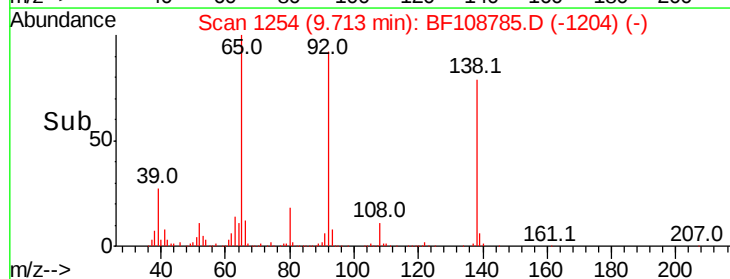
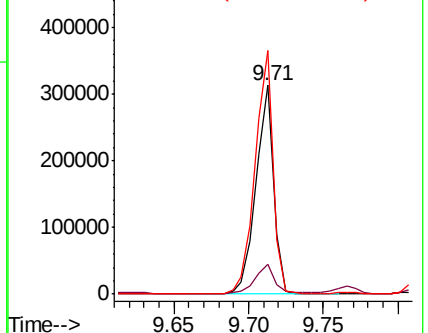
92 116.6 89.4 134.2

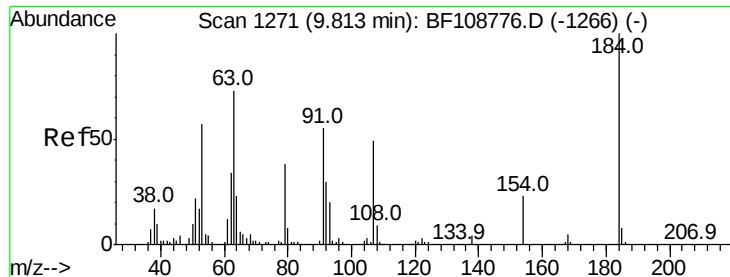


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

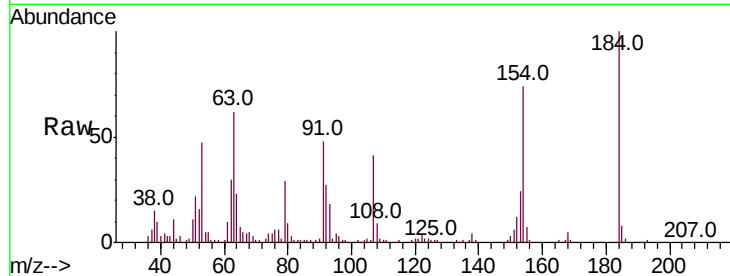




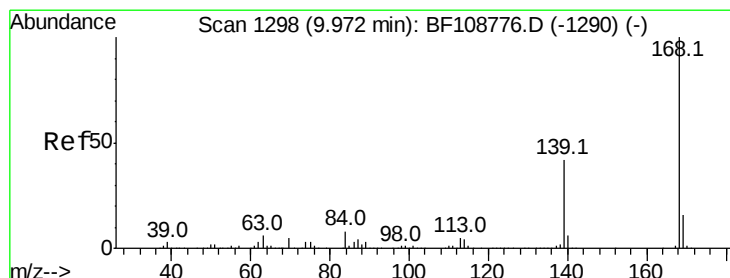
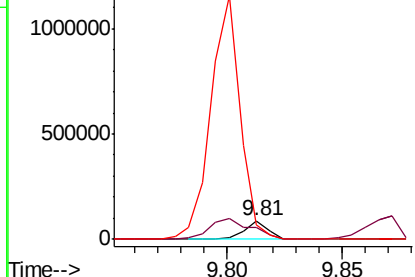
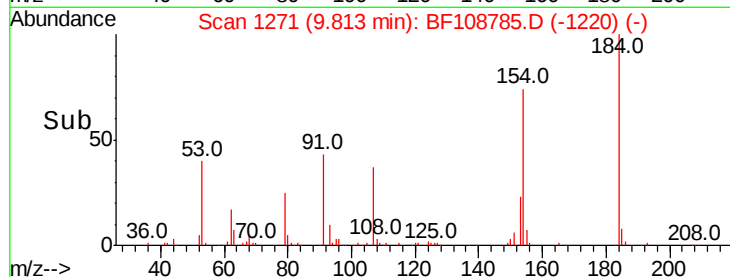
#53
2,4-Dinitrophenol
Concen: 31.057 ng
RT: 9.81 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 62731
Ion Ratio Lower Upper
184 100
63 62.2 54.2 81.2
154 74.4 184.0 276.0#

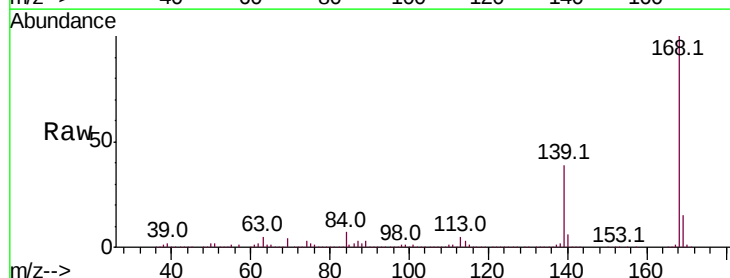


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

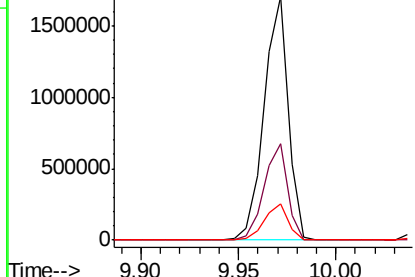
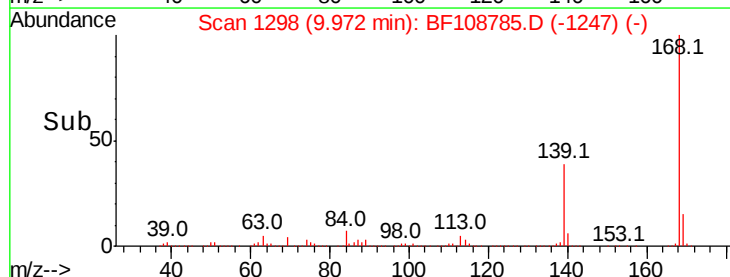


#54
Dibenzofuran
Concen: 33.390 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:168 Resp: 1454799
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1
169 14.9 10.9 16.3



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

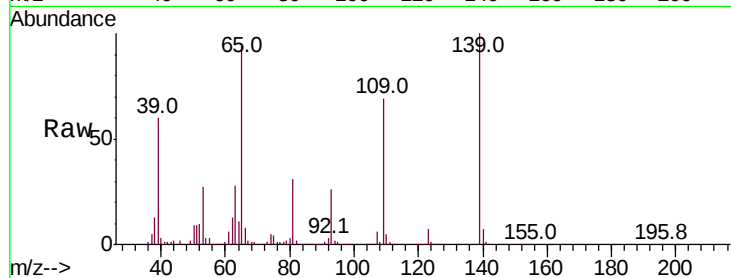




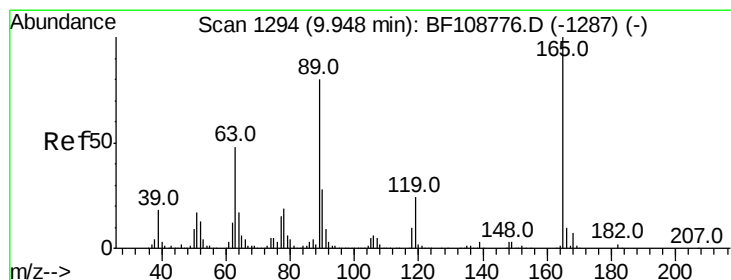
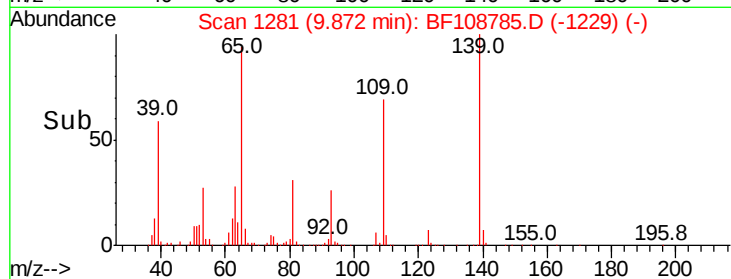
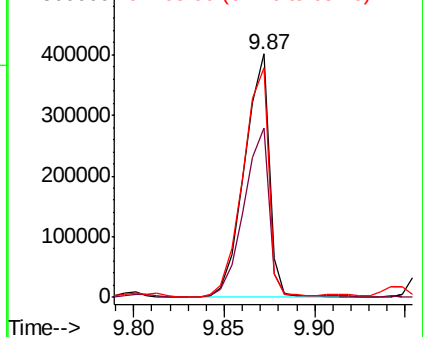
#55
4-Nitrophenol
Concen: 61.928 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 382262
Ion Ratio Lower Upper
139 100
109 69.5 48.4 88.4
65 94.4 72.6 112.6

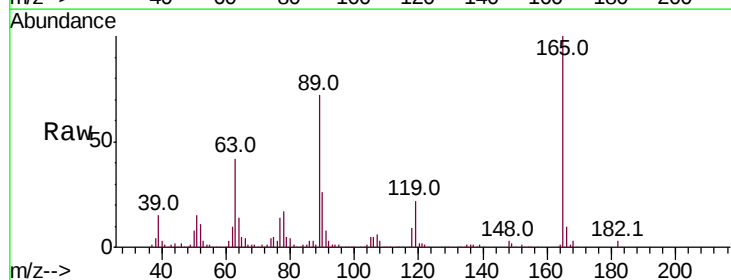


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

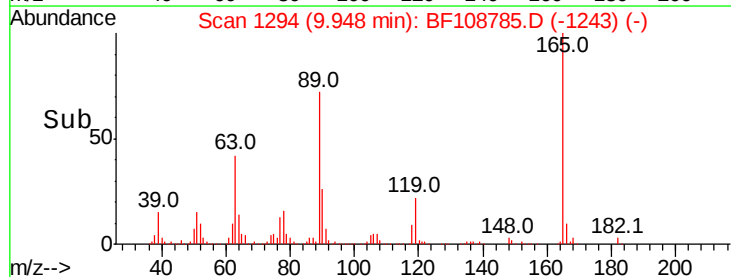
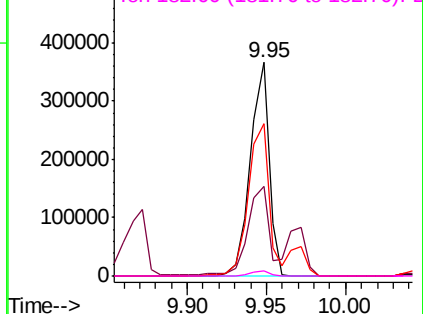


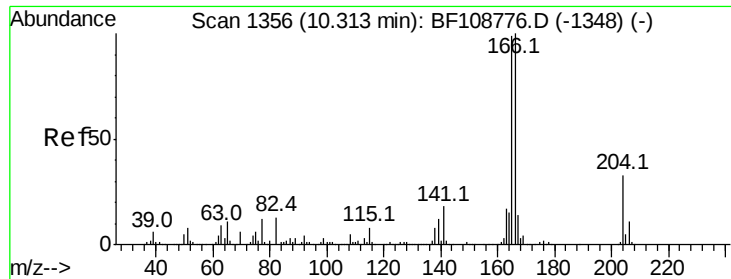
#56
2,4-Dinitrotoluene
Concen: 33.933 ng
RT: 9.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:165 Resp: 301007
Ion Ratio Lower Upper
165 100
63 42.0 36.4 54.6
89 71.5 57.8 86.6
182 2.5 1.6 2.4#



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





#57

Fluorene

Concen: 36.590 ng

RT: 10.31 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

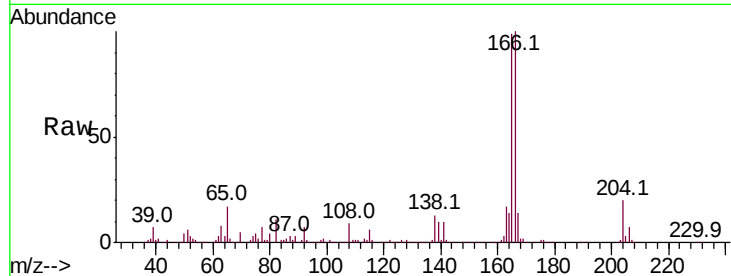
Tot Ion:166 Resp: 1023068

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

167 13.7 10.6 16.0

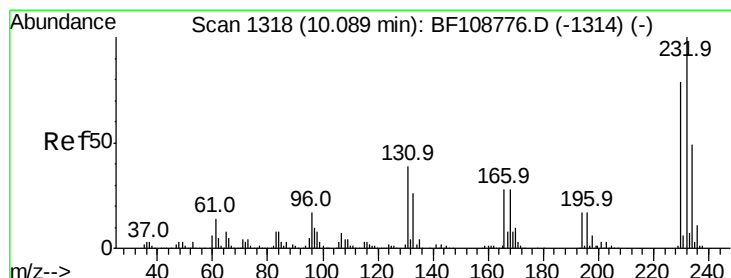
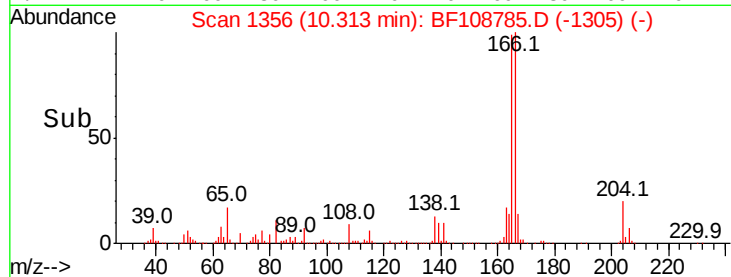
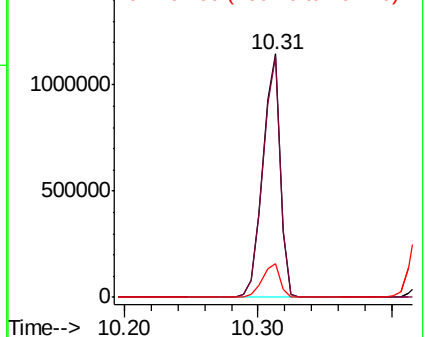


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.105 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion:232 Resp: 293251

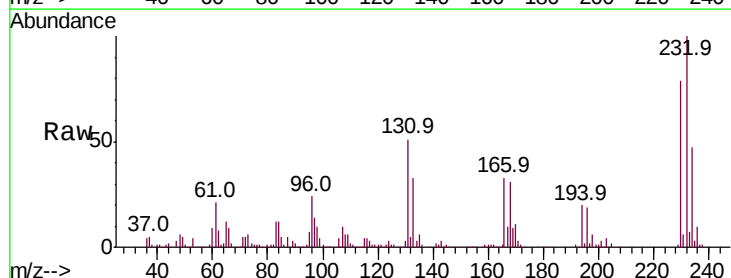
Ion Ratio Lower Upper

232 100

131 45.2 43.8 65.8

130 2.4 2.1 3.1

166 30.0 27.8 41.6



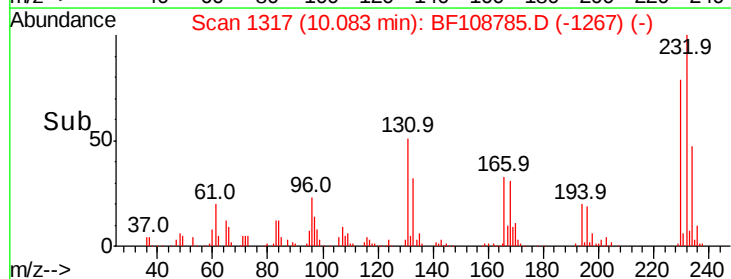
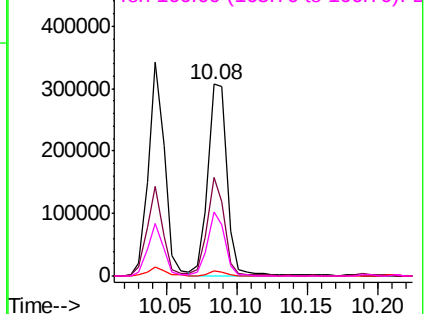
Abundance

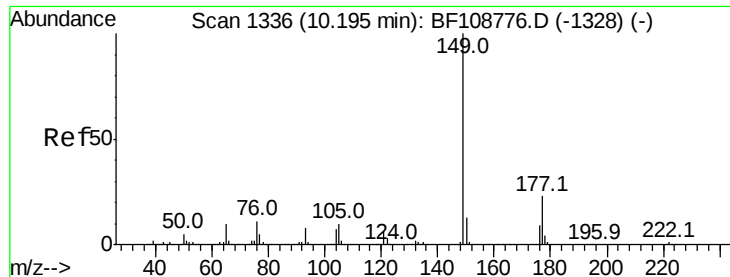
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

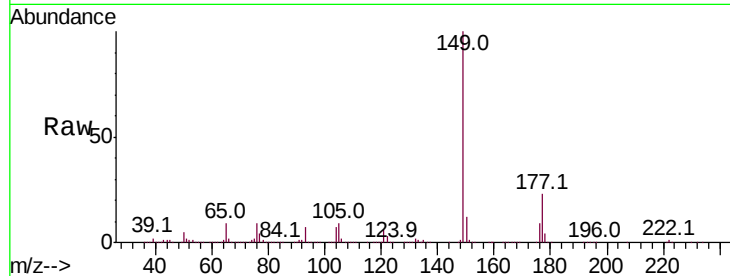




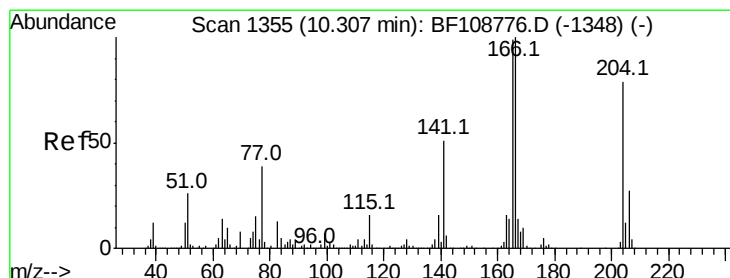
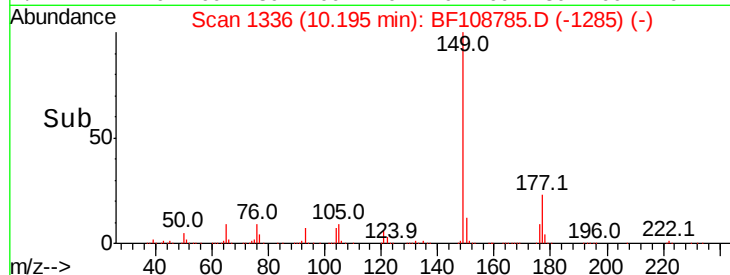
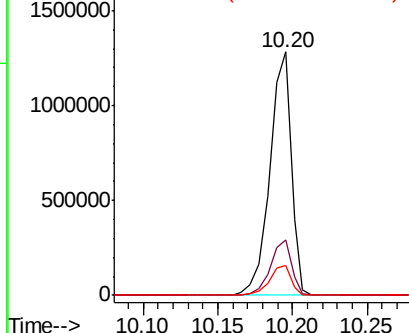
#59
Diethylphthalate
Concen: 33.760 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1268231
Ion Ratio Lower Upper
149 100
177 22.6 16.1 24.1
150 12.4 10.1 15.1

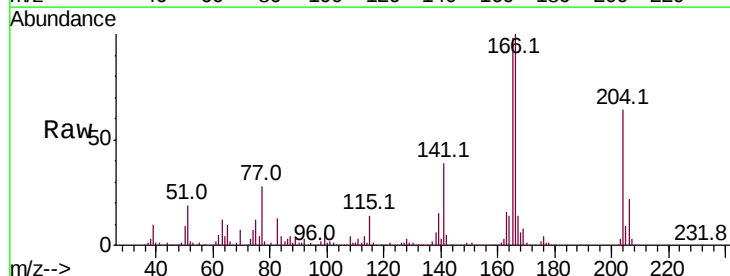


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

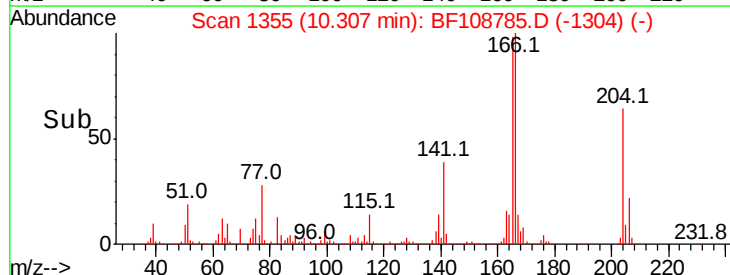
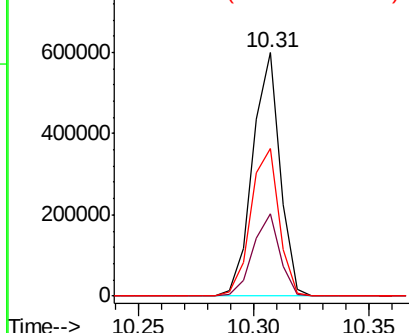


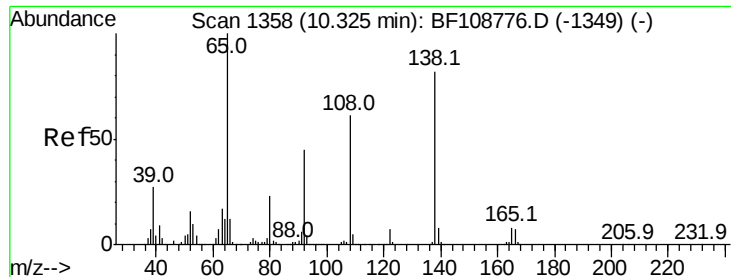
#60
4-Chlorophenyl-phenylether
Concen: 33.315 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:204 Resp: 497479
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 60.6 54.6 81.8



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

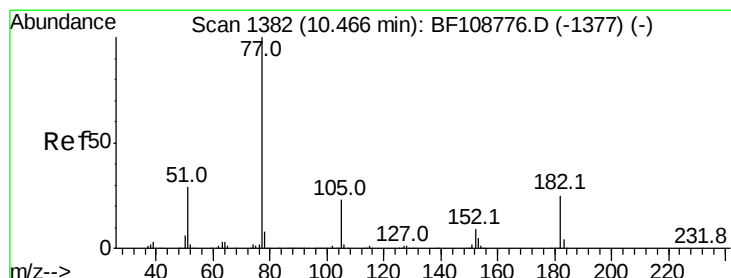
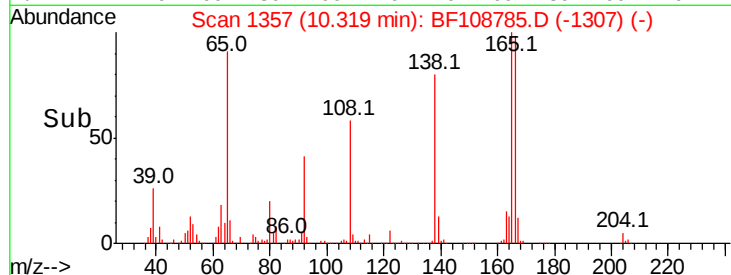
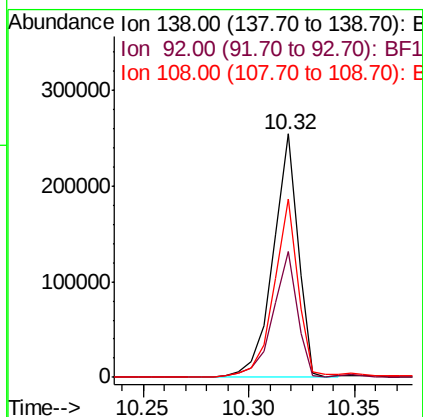
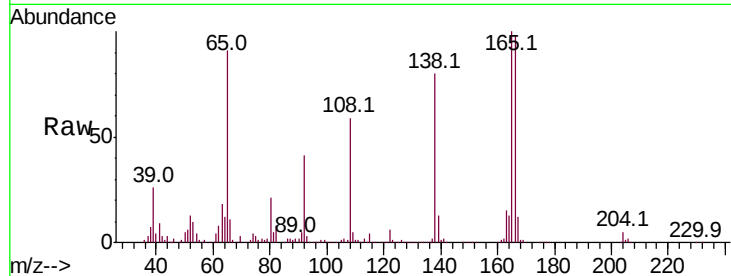




#61
4-Nitroaniline
Concen: 28.106 ng
RT: 10.32 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

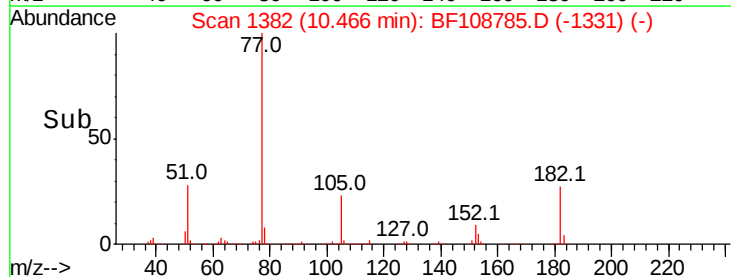
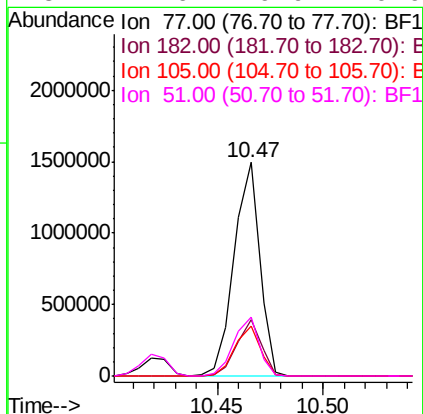
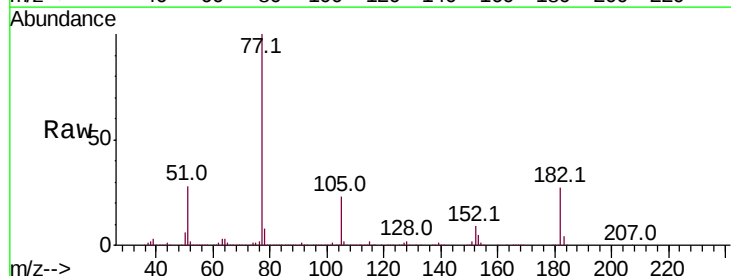
Instrument :
BNA_F
ClientSampleId :

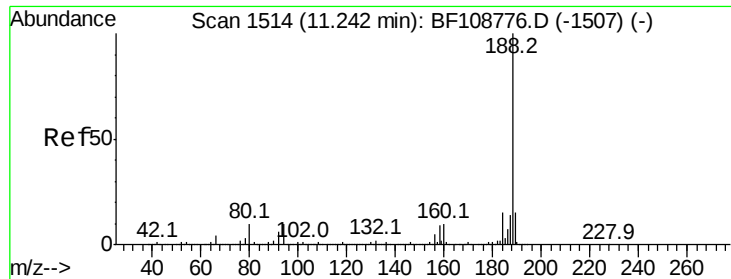
Tot Ion:138 Resp: 210234
Ion Ratio Lower Upper
138 100
92 51.7 30.2 70.2
108 73.1 52.5 92.5



#62
Azobenzene
Concen: 32.313 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion: 77 Resp: 1252977
Ion Ratio Lower Upper
77 100
182 26.5 1.7 41.7
105 23.3 3.0 43.0
51 27.6 9.9 49.9

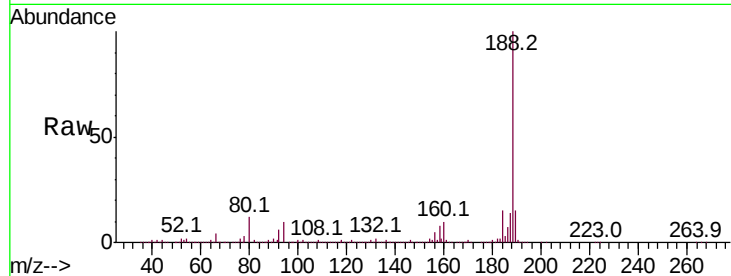




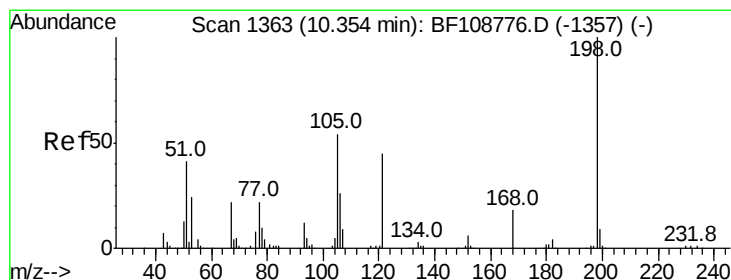
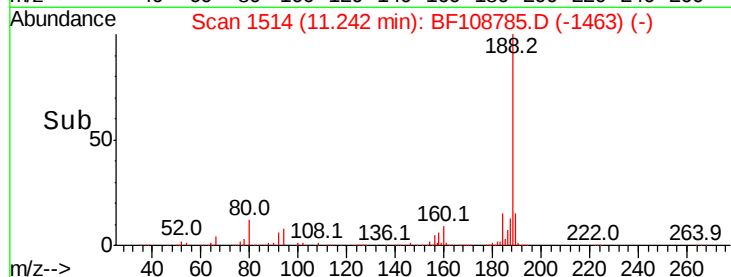
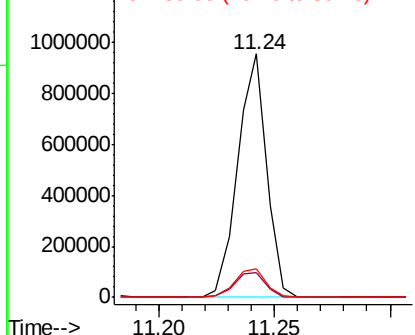
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 832168
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.8 9.2 13.8

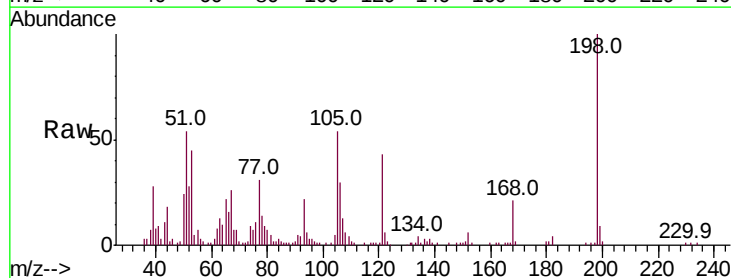


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

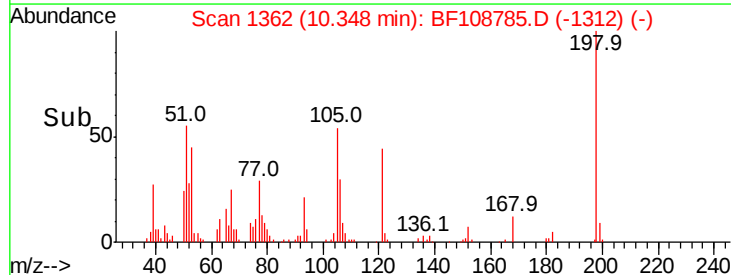
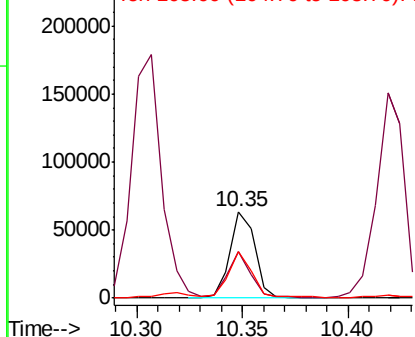


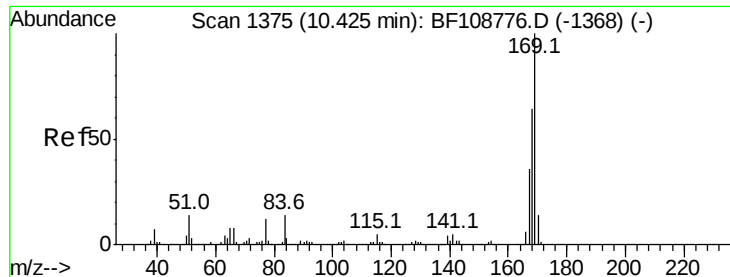
#64
4,6-Dinitro-2-methylphenol
Concen: 20.334 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:198 Resp: 51426
Ion Ratio Lower Upper
198 100
51 53.8 37.7 77.7
105 53.7 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 36.549 ng

RT: 10.42 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampled :

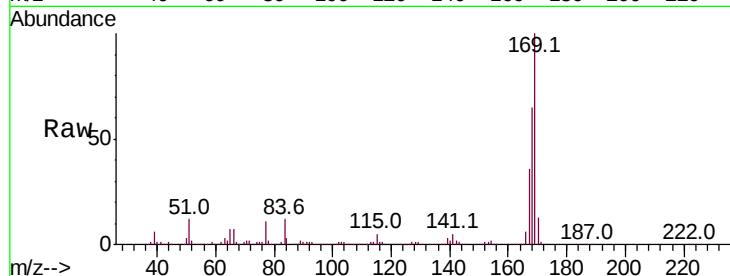
Tot Ion:169 Resp: 1011231

Ion Ratio Lower Upper

169 100

168 64.7 54.4 81.6

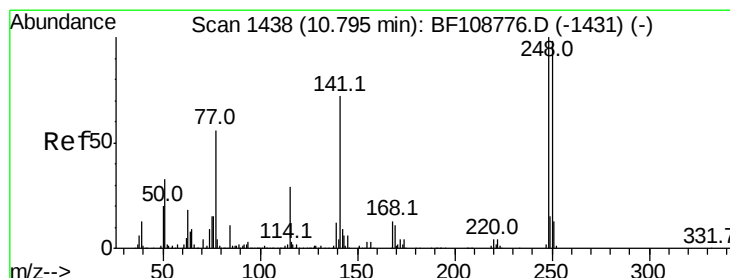
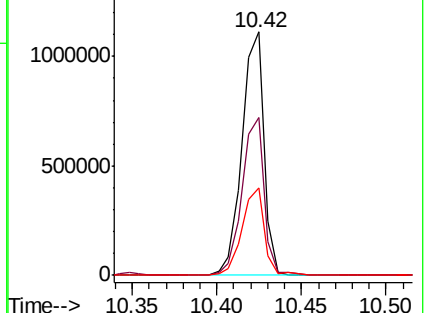
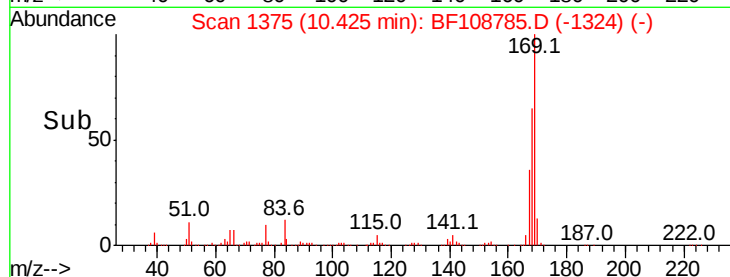
167 36.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.731 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

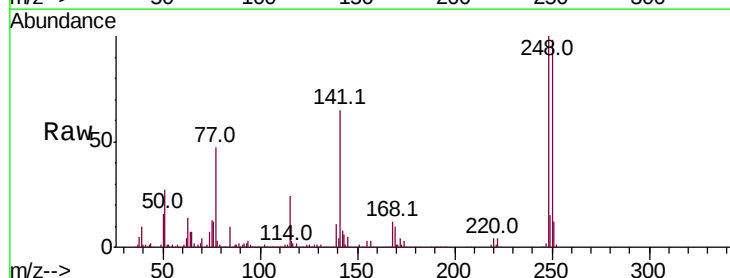
Tgt Ion:248 Resp: 335837

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

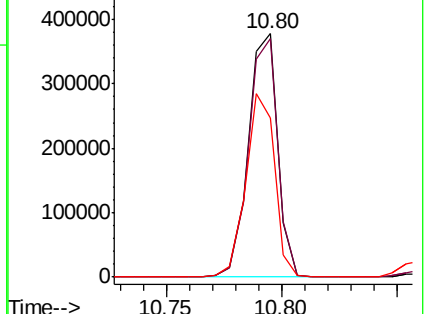
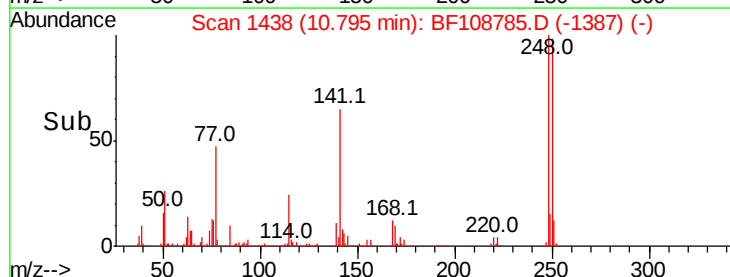
141 65.4 74.4 111.6#

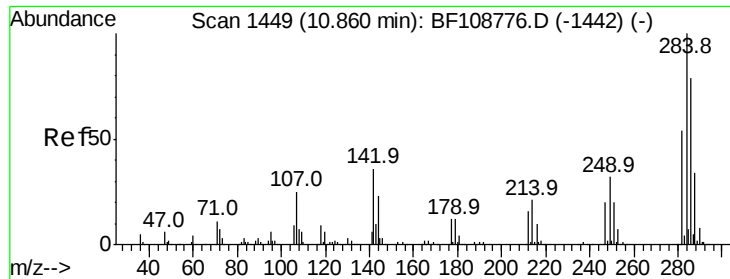


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.815 ng

RT: 10.86 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampled :

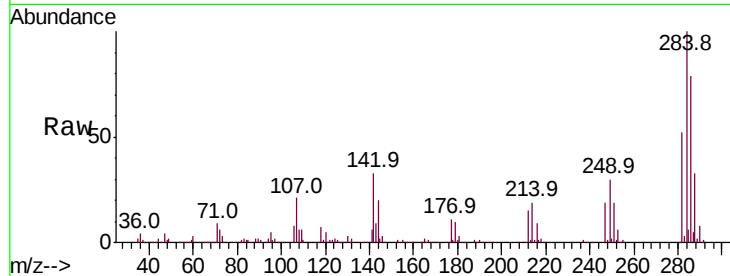
Tot Ion:284 Resp: 339280

Ion Ratio Lower Upper

284 100

142 32.8 34.6 52.0#

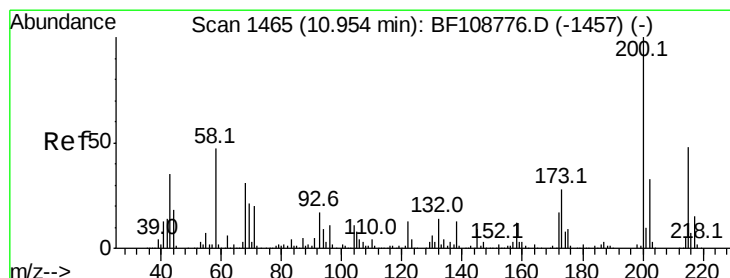
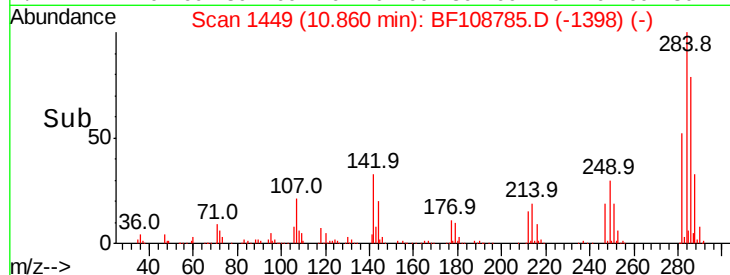
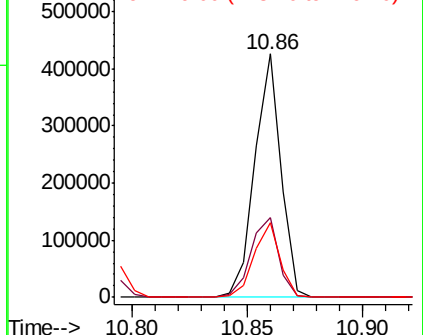
249 30.5 24.8 37.2



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



#68

Atrazine

Concen: 32.317 ng

RT: 10.95 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

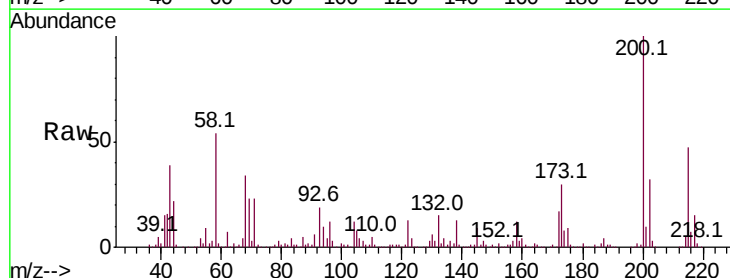
Tgt Ion:200 Resp: 286243

Ion Ratio Lower Upper

200 100

173 29.6 8.6 48.6

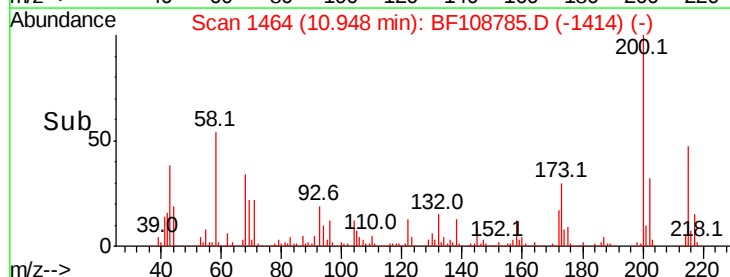
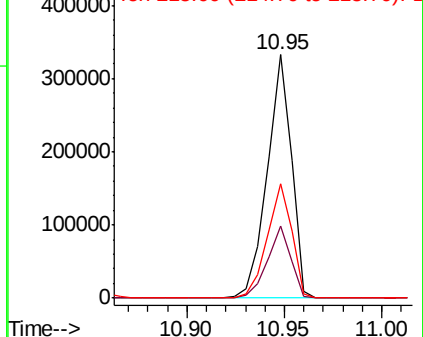
215 47.1 25.1 65.1

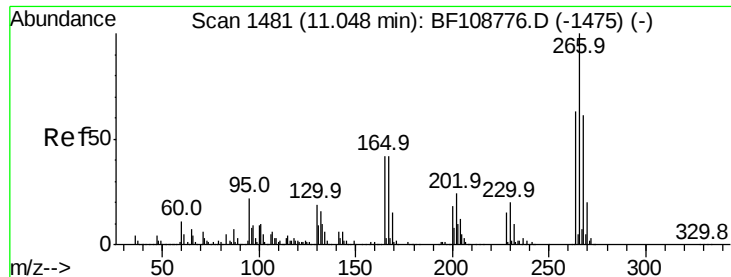


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

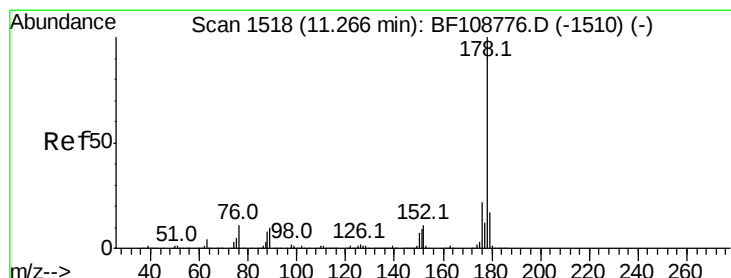
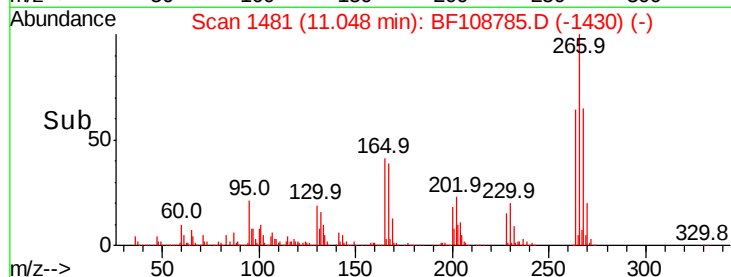
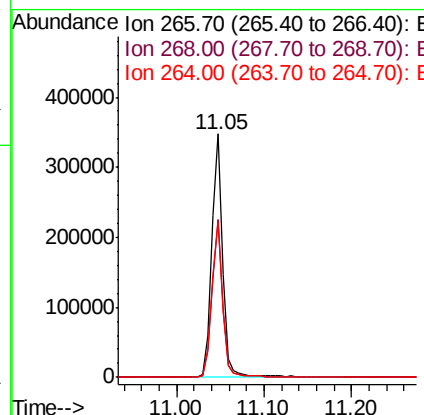
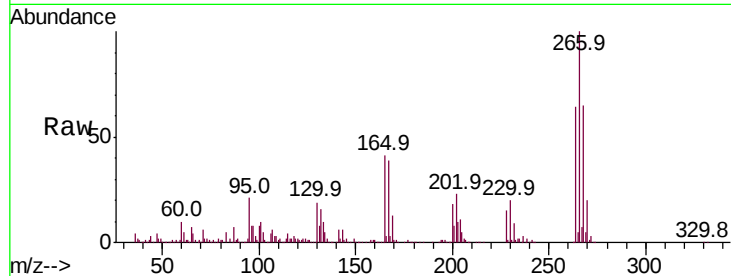




#69
 Pentachlorophenol
 Concen: 49.887 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

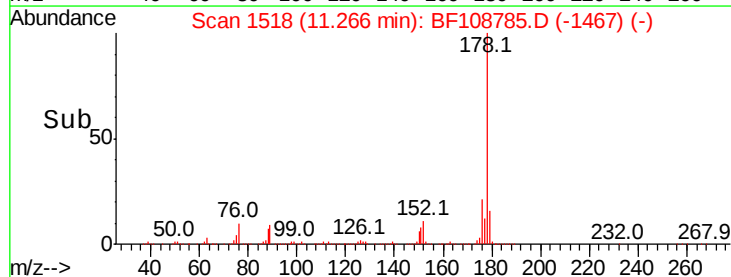
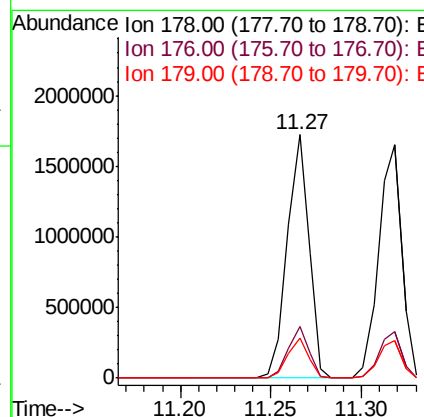
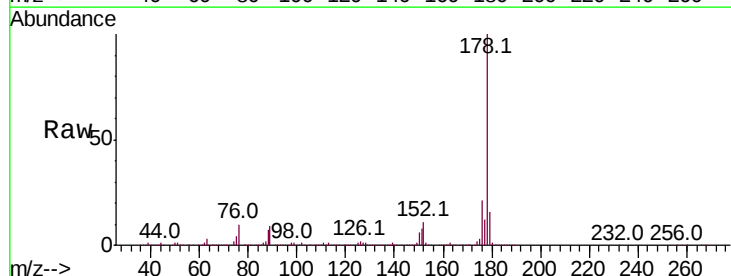
Instrument :
 BNA_F
 ClientSampled :

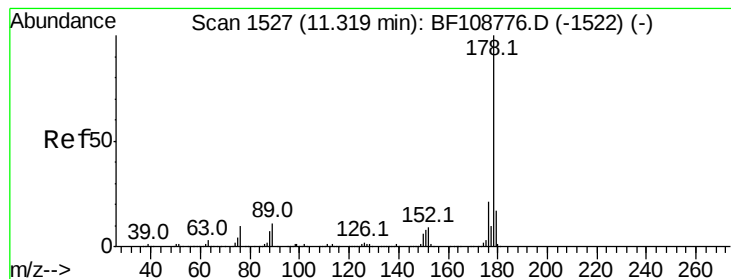
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	64.2	49.5	74.3



#70
 Phenanthrene
 Concen: 36.199 ng
 RT: 11.27 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	16.2	13.0	19.6





#71

Anthracene

Concen: 38.592 ng

RT: 11.32 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

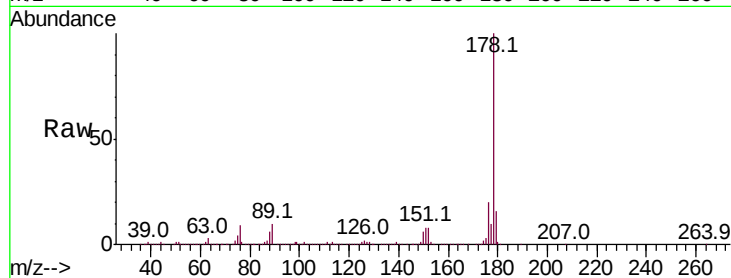
Tot Ion:178 Resp: 1468375

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	15.8	12.6	19.0

178 100

176 20.0 15.4 23.2

179 15.8 12.6 19.0

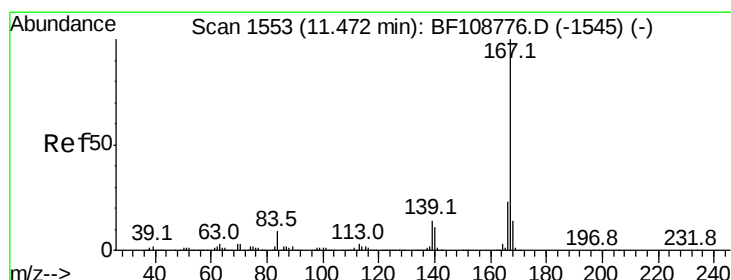
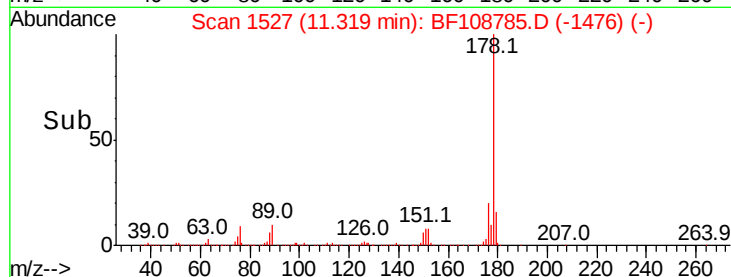
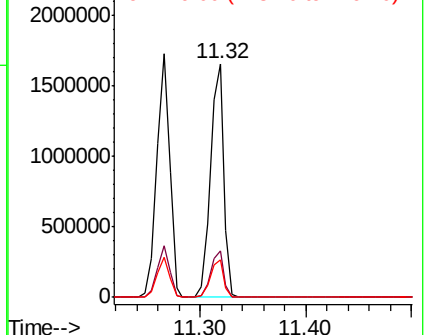


Abundance

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

Carbazole

Concen: 31.300 ng

RT: 11.47 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

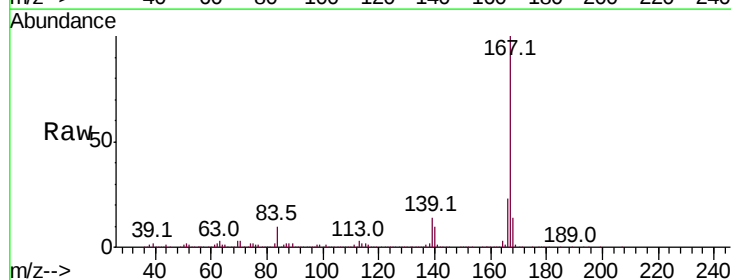
Tgt Ion:167 Resp: 1254190

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.8	10.9	16.3

167 100

166 22.6 17.6 26.4

139 13.8 10.9 16.3

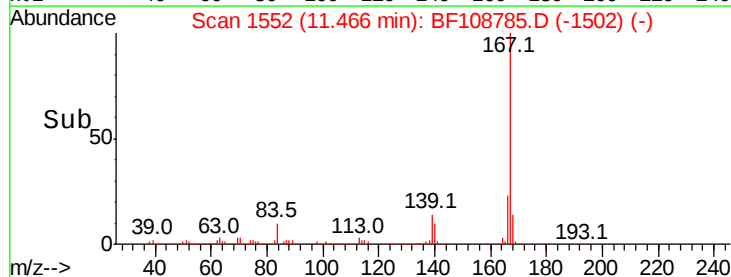
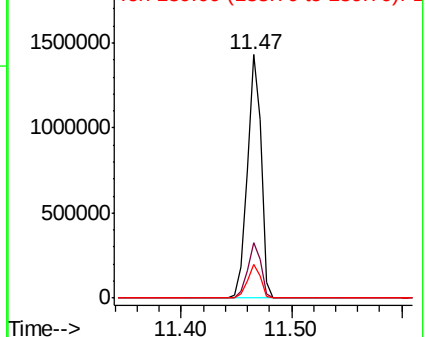


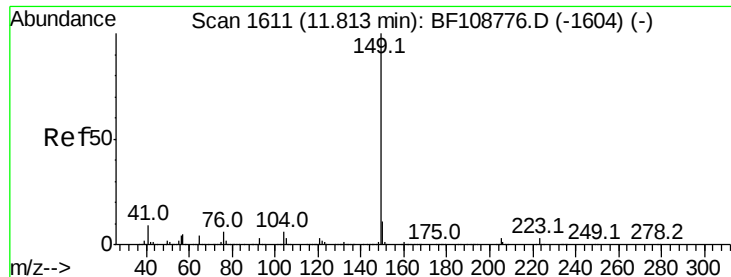
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.622 ng

RT: 11.81 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

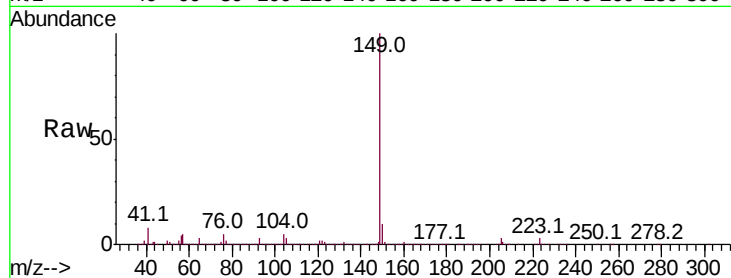
Tot Ion:149 Resp: 1674091

Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

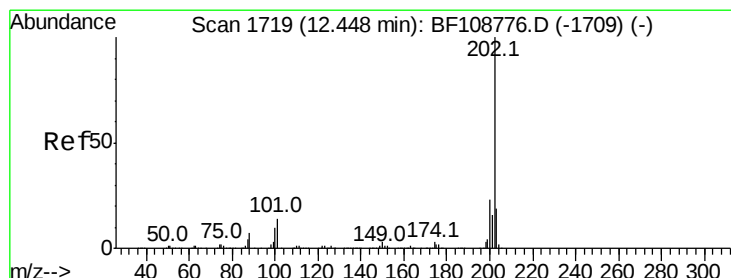
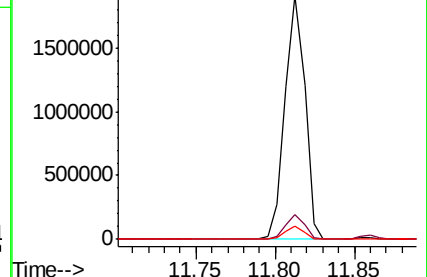
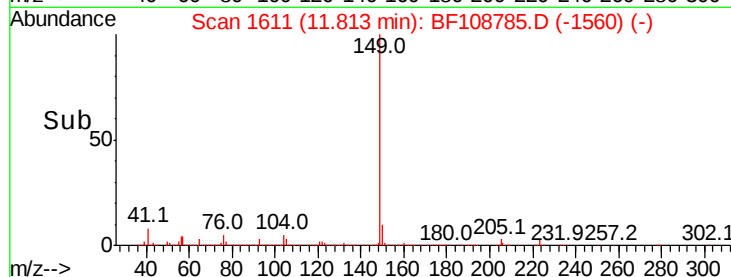
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.253 ng

RT: 12.45 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

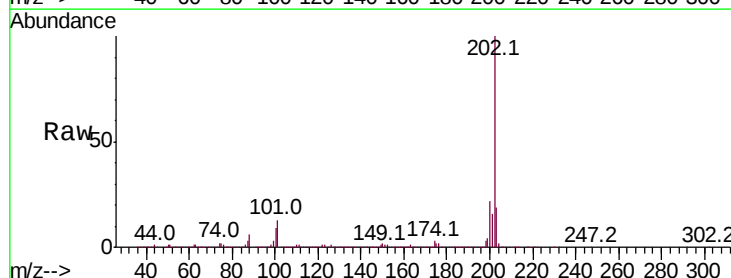
Tgt Ion:202 Resp: 1347743

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

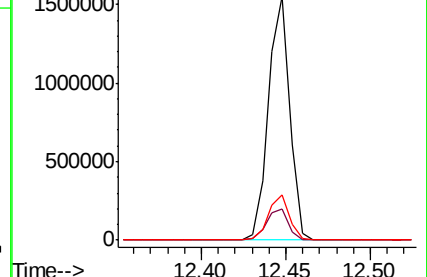
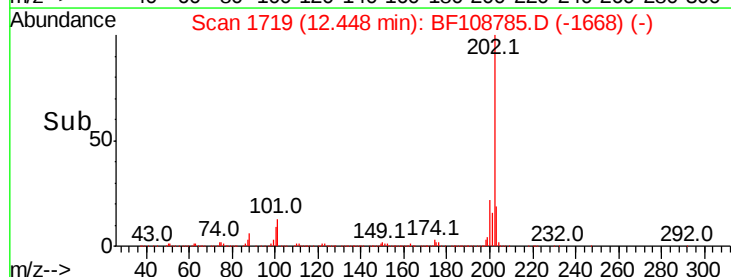
203 18.6 0.0 38.1

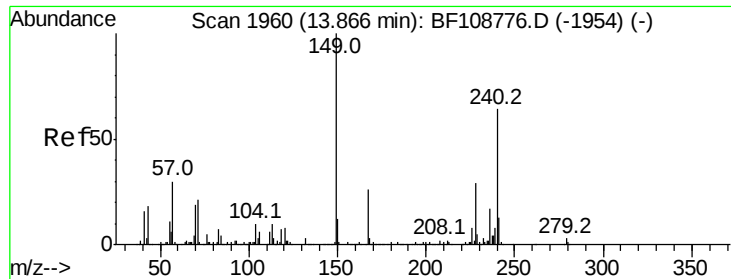


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

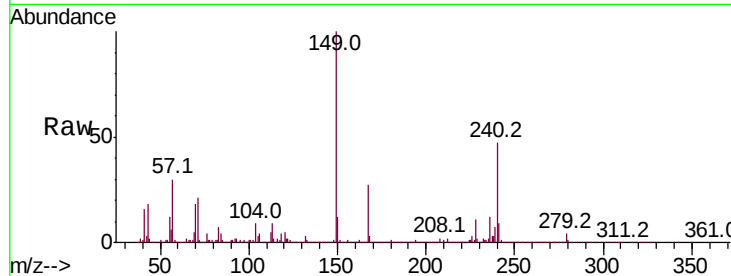
Tot Ion:240 Resp: 508861

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

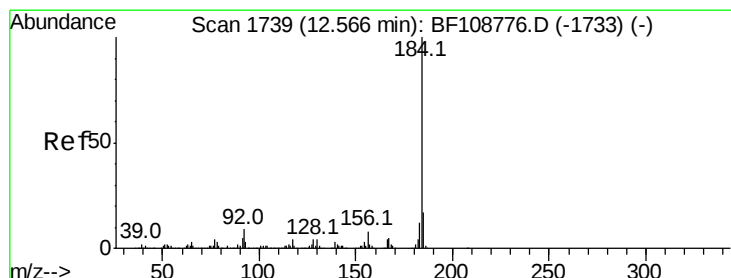
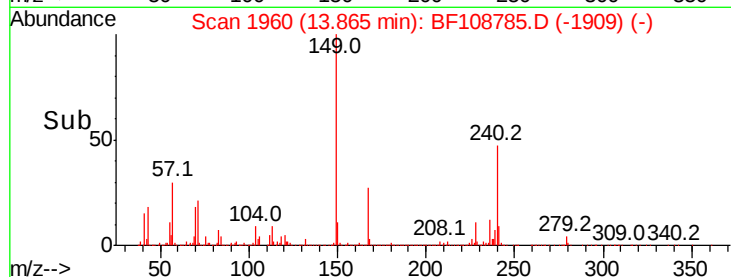
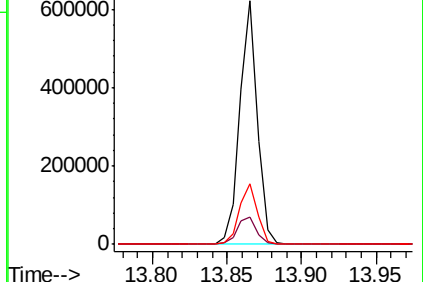
236 25.1 20.7 31.1



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



#76

Benzidine

Concen: 3.742 ng

RT: 12.55 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

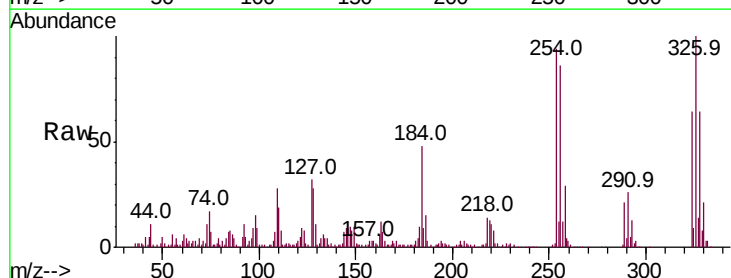
Tgt Ion:184 Resp: 90255

Ion Ratio Lower Upper

184 100

185 18.0 12.6 18.8

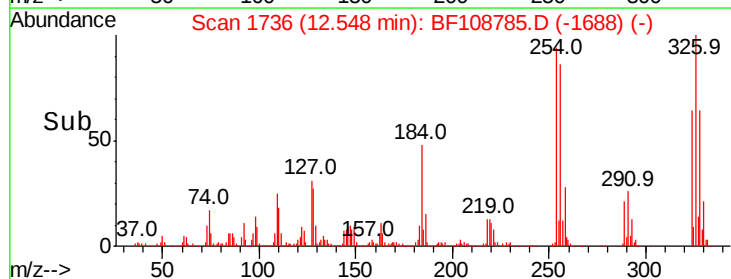
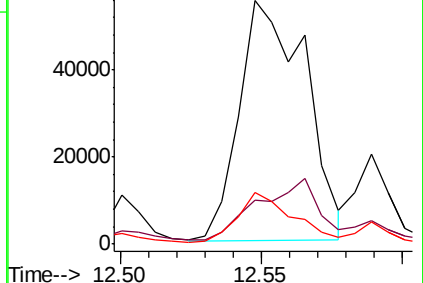
183 21.1 9.3 13.9#

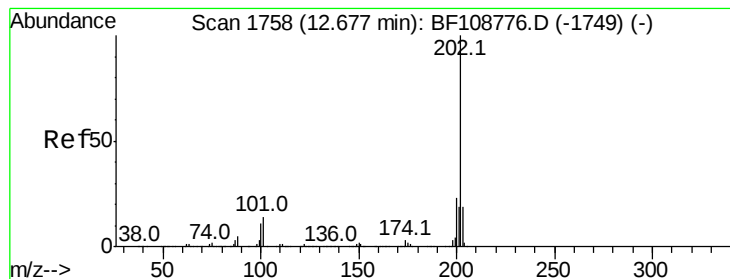


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.222 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

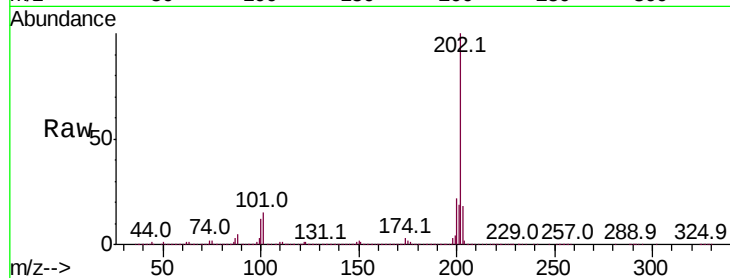
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1339986

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.4	14.3	21.5

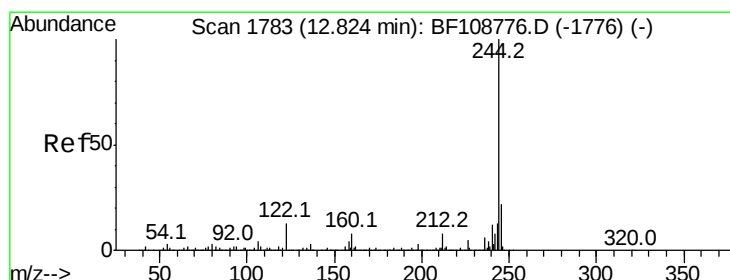
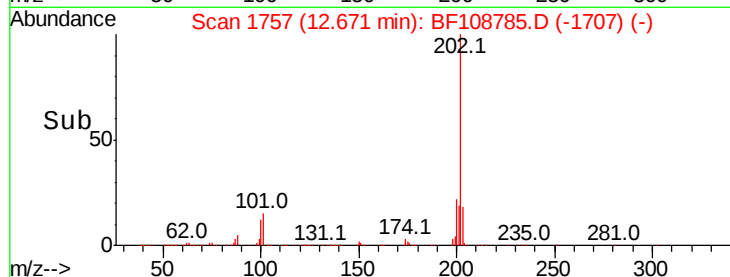
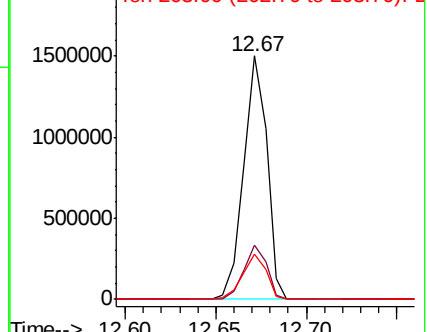


Abundance

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



#78

Terphenyl-d14

Concen: 70.522 ng

RT: 12.82 min Scan# 1782

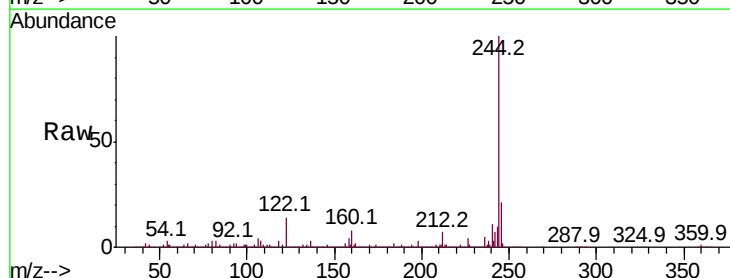
Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Tgt Ion:244 Resp: 1538914

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.8	11.0	16.4

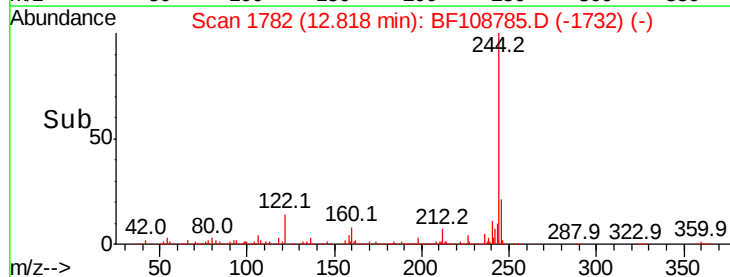
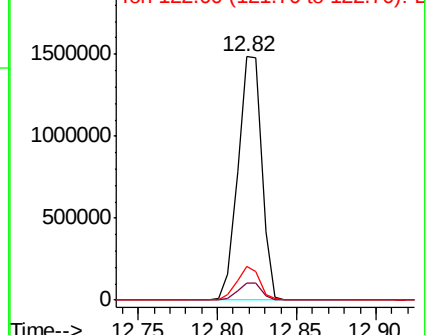


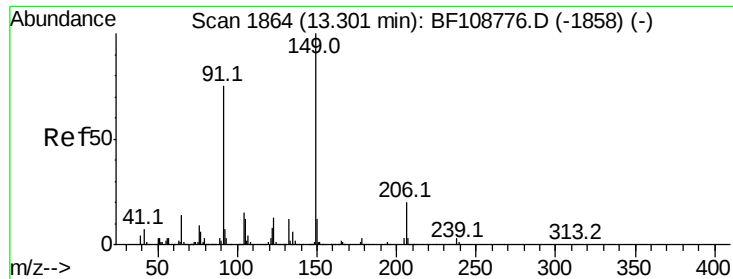
Abundance

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

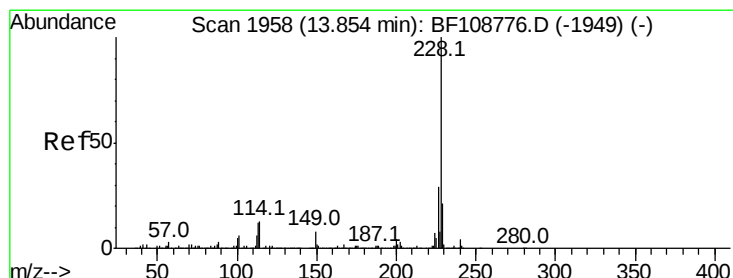
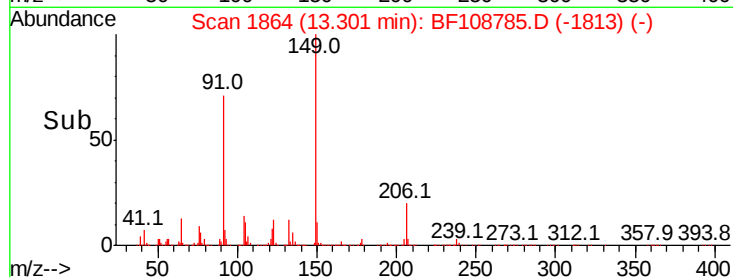
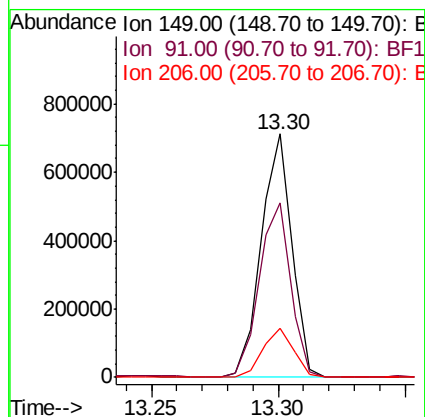
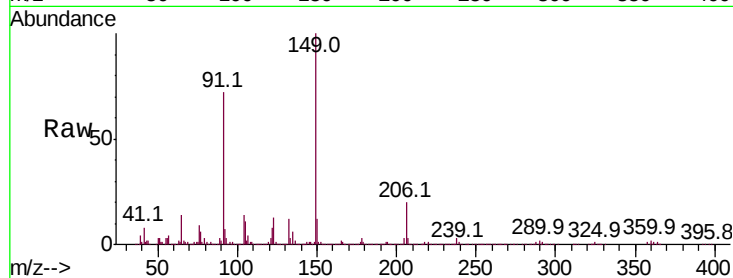




#79
Butylbenzylphthalate
Concen: 34.063 ng
RT: 13.30 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

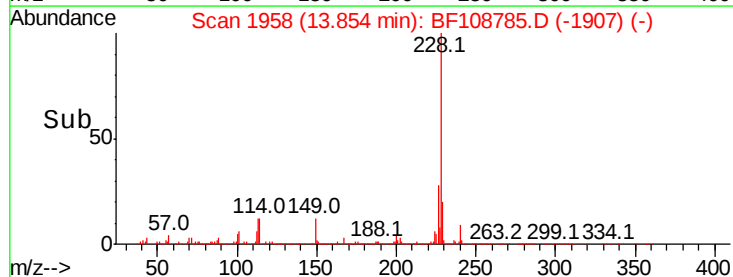
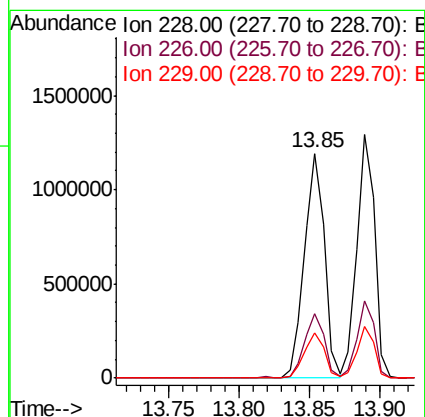
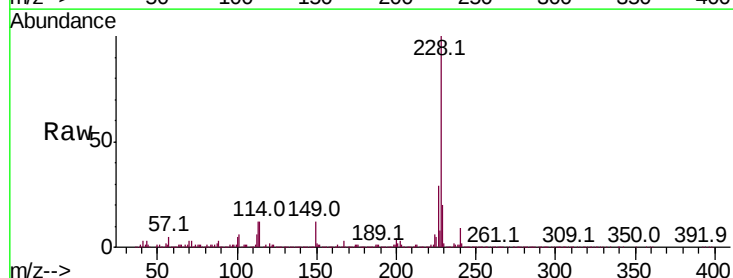
Instrument :
BNA_F
ClientSampleId :

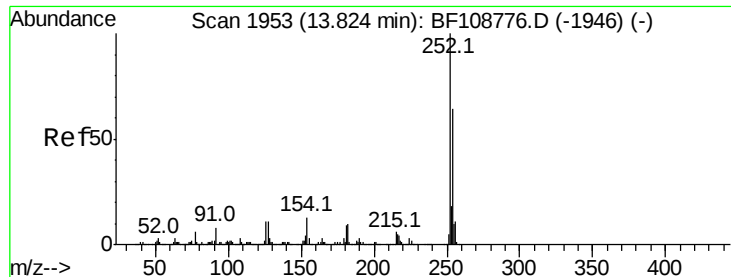
Tot Ion:149 Resp: 600643
Ion Ratio Lower Upper
149 100
91 71.7 56.8 85.2
206 20.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.943 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:228 Resp: 1172335
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.3 15.8 23.6

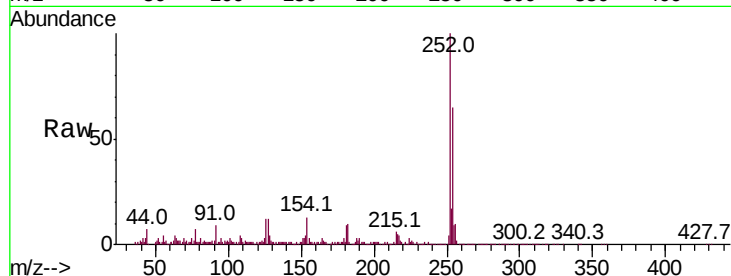




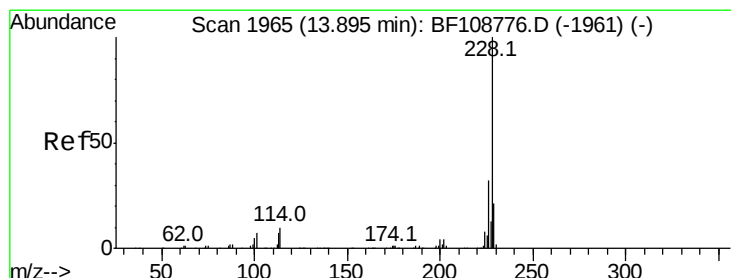
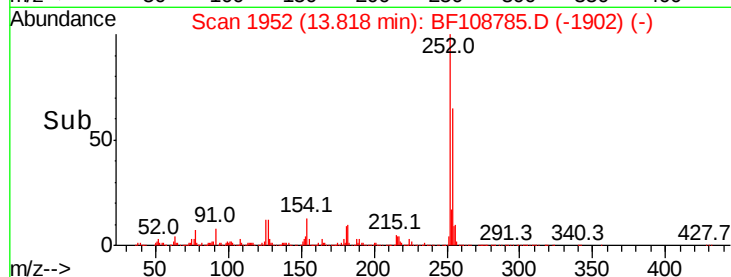
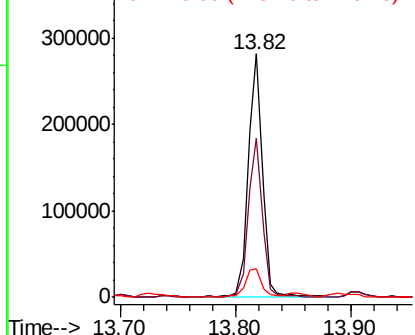
#81
 3,3'-Dichlorobenzidine
 Concen: 18.769 ng
 RT: 13.82 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 238502
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 11.9 11.3 16.9

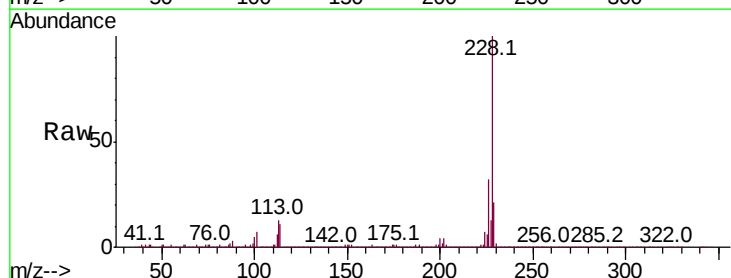


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

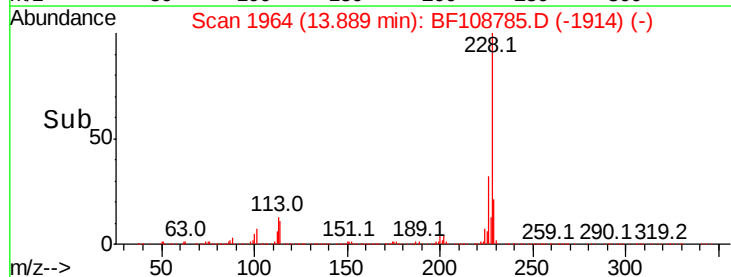
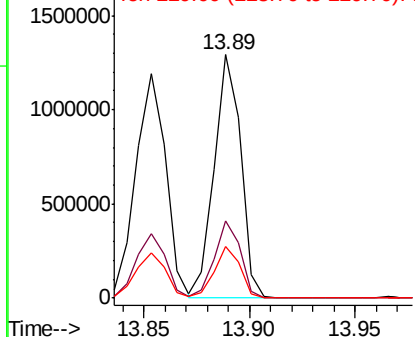


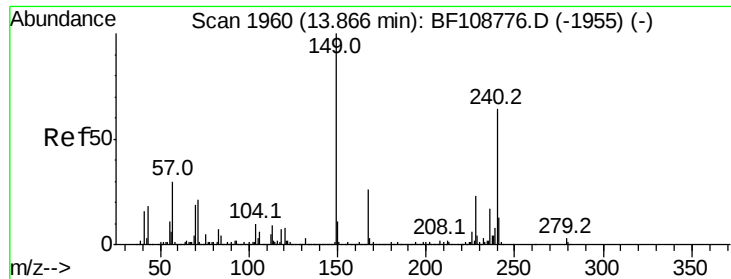
#82
 Chrysene
 Concen: 35.788 ng
 RT: 13.89 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Tgt Ion:228 Resp: 1130006
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.6
 229 21.0 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.934 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

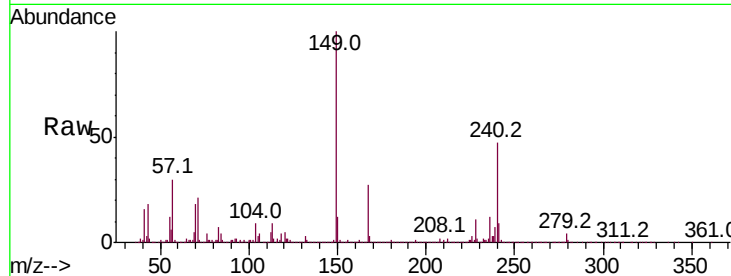
Tot Ion:149 Resp: 1217304

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.8	3.0	4.4

149 100

167 26.7 21.3 31.9

279 3.8 3.0 4.4

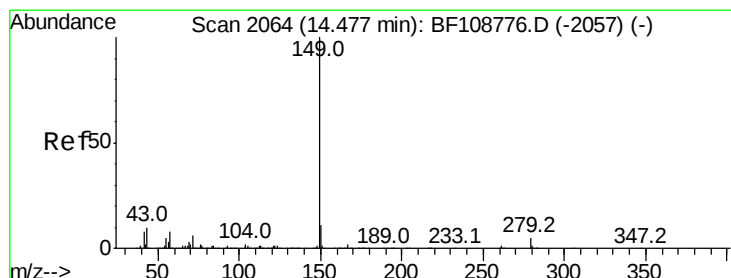
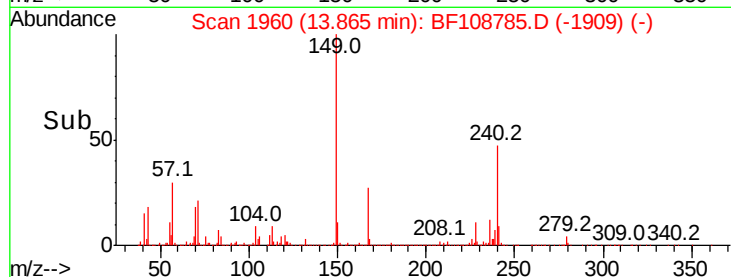
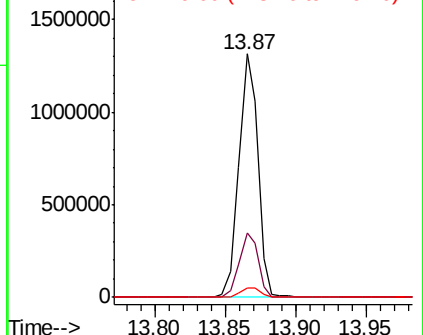


Abundance

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



#84

Di-n-octyl phthalate

Concen: 36.761 ng

RT: 14.47 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

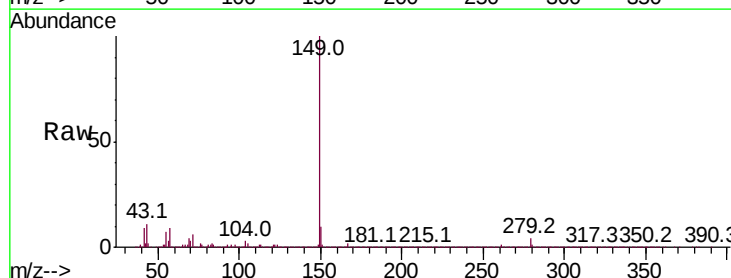
Tgt Ion:149 Resp: 1358085

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.0	8.4	12.6

149 100

167 1.5 1.2 1.8

43 10.0 8.4 12.6

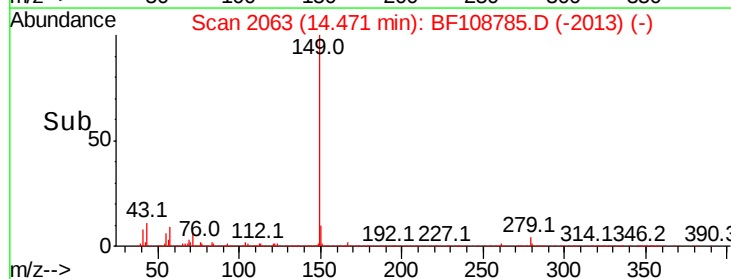
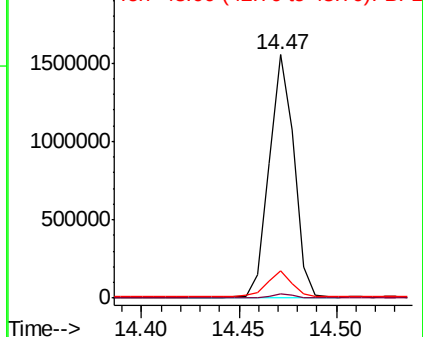


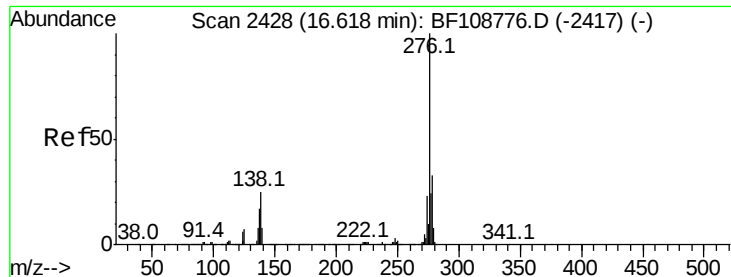
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

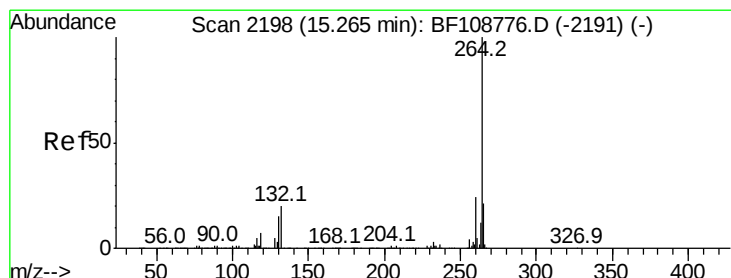
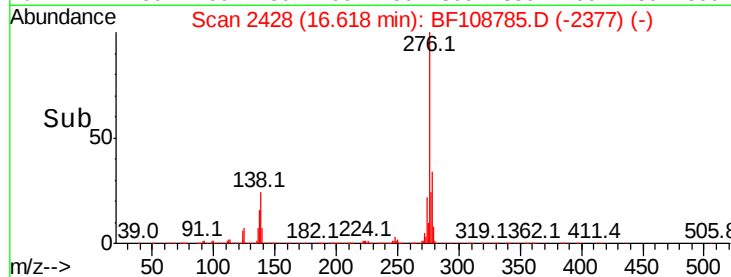
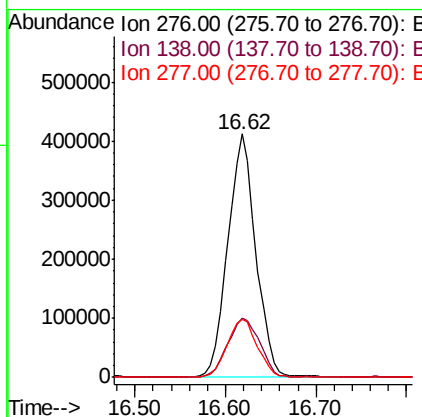
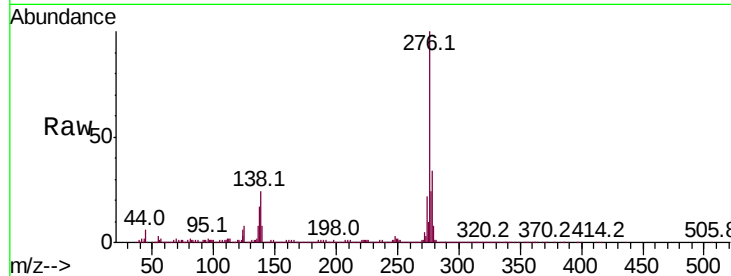




#85
Indeno(1,2,3-cd)pyrene
Concen: 31.394 ng
RT: 16.62 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

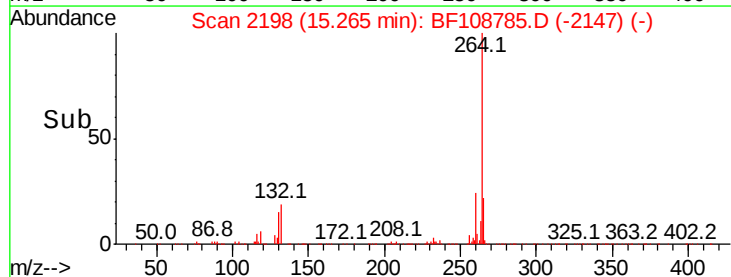
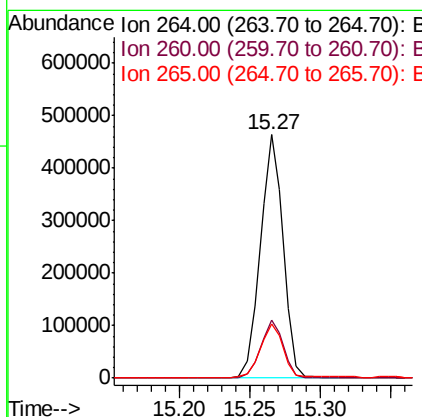
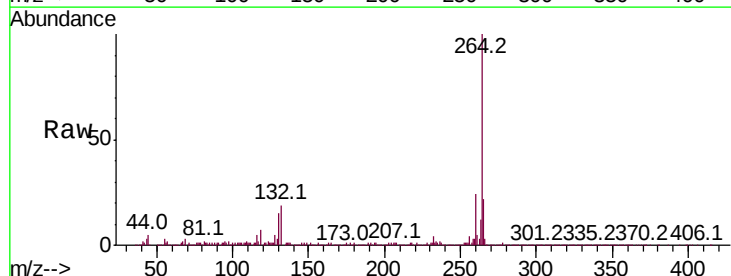
Instrument :
BNA_F
ClientSampleId :

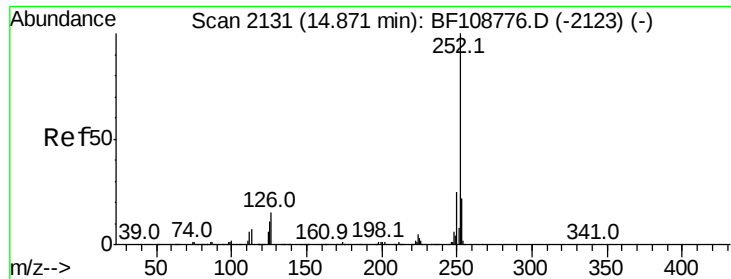
Tot Ion:276 Resp: 877248
Ion Ratio Lower Upper
276 100
138 27.3 25.0 37.6
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF108785.D
Acq: 5 Sep 2018 20:18

Tgt Ion:264 Resp: 526219
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.4 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 38.240 ng

RT: 14.87 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

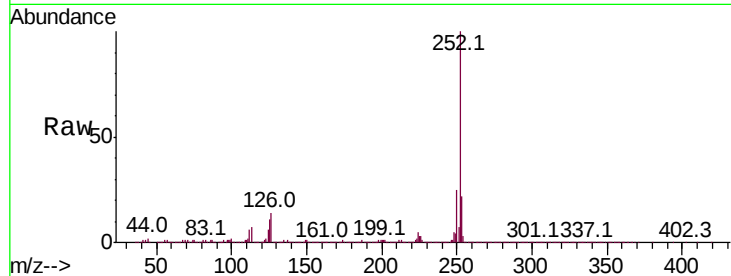
Tot Ion:252 Resp: 1094176

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

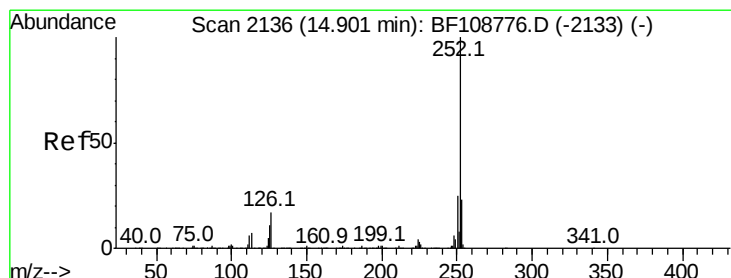
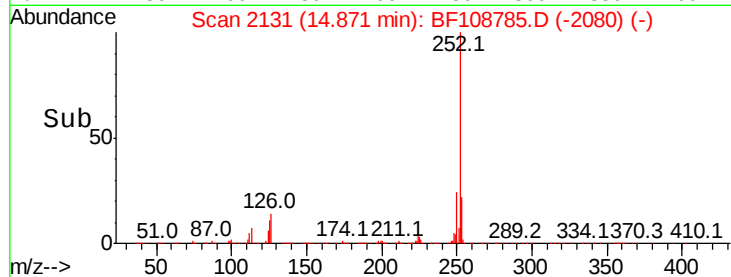
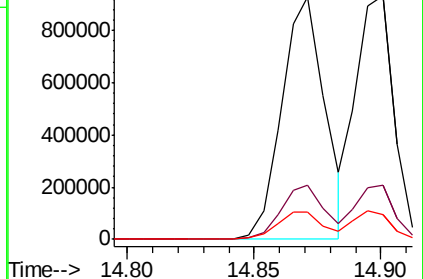
125 11.1 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 36.591 ng

RT: 14.90 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

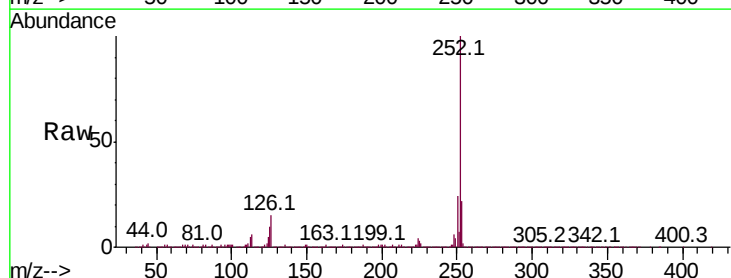
Tgt Ion:252 Resp: 964179

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

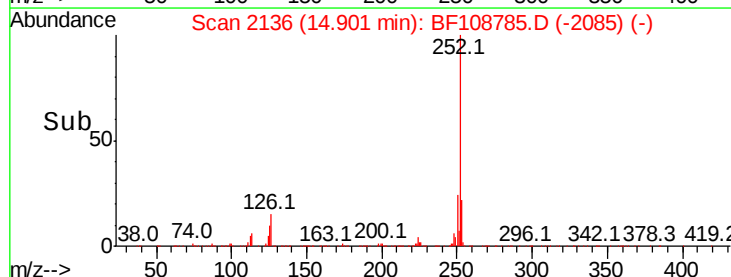
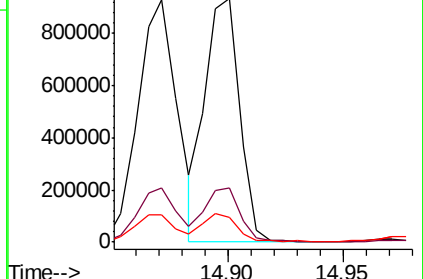
125 10.2 10.2 15.2

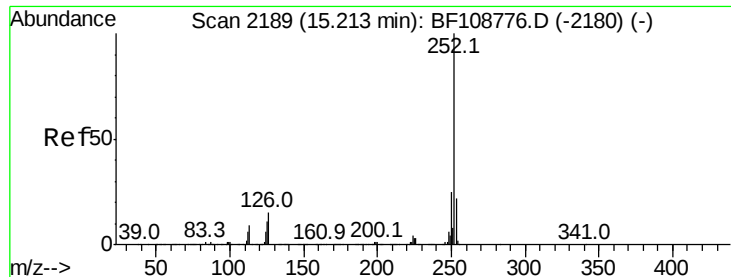


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.498 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

Instrument :

BNA_F

ClientSampled :

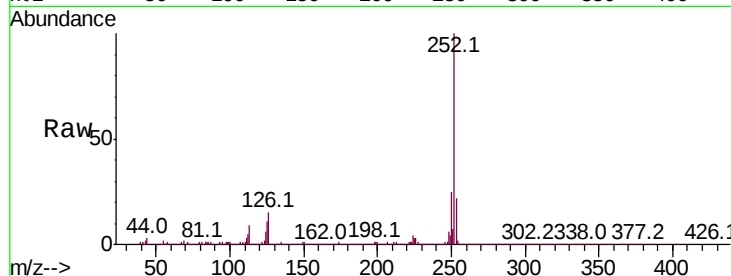
Tot Ion:252 Resp: 942307

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

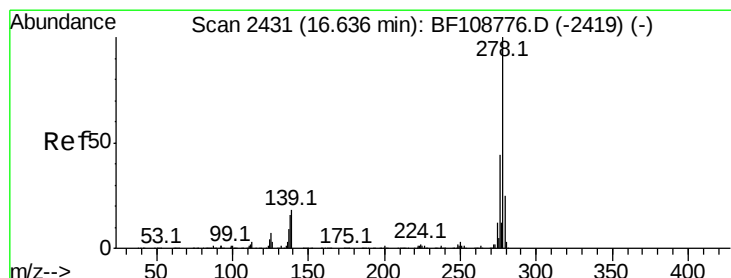
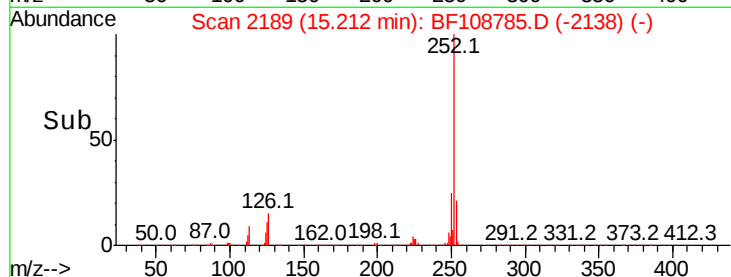
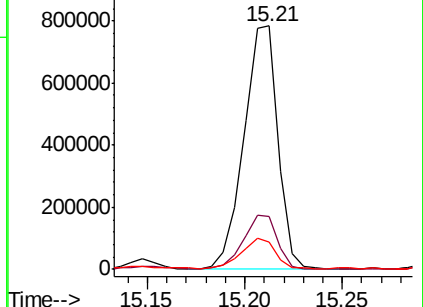
125 11.4 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 32.681 ng

RT: 16.64 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BF108785.D

Acq: 5 Sep 2018 20:18

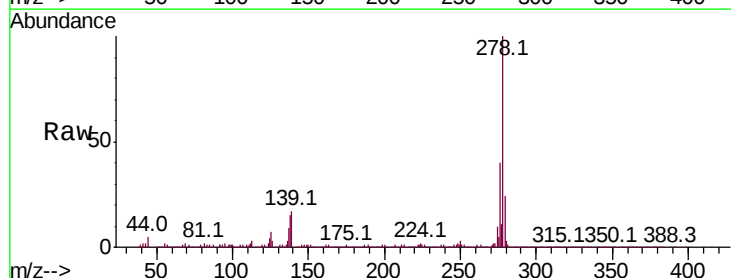
Tgt Ion:278 Resp: 743485

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

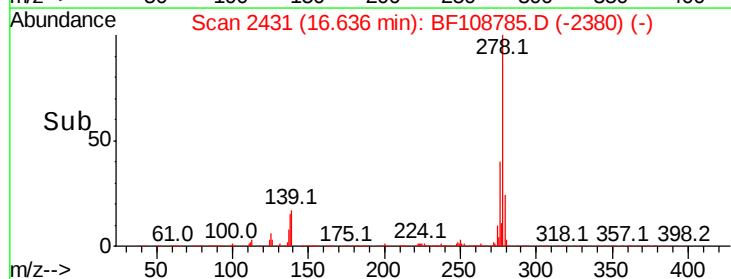
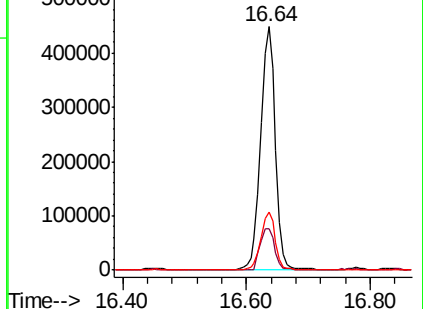
279 24.0 19.0 28.4

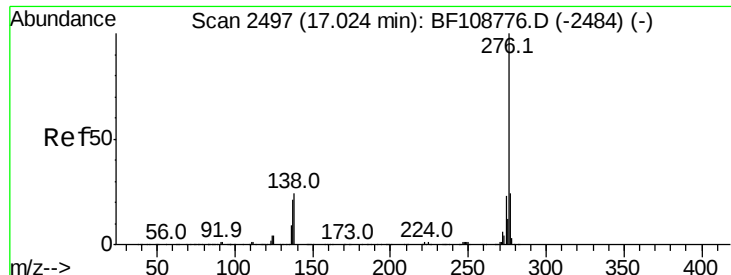


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 31.916 ng
 RT: 17.02 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BF108785.D
 Acq: 5 Sep 2018 20:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	23.1	21.8	32.8

