

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109020.D
 Acq On : 15 Sep 2018 3:13
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 15 06:54:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159736	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	636561	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	310104	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	606496	20.00	ng	0.00
75) Chrysene-d12	13.85	240	382946	20.00	ng	0.00
86) Perylene-d12	15.25	264	436760	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	766330	79.68	ng	0.00
7) Phenol-d6	6.36	99	989609	79.80	ng	0.00
23) Nitrobenzene-d5	7.28	82	902896	79.56	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	265663	78.94	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1548408	78.23	ng	0.00
78) Terphenyl-d14	12.81	244	1351314	83.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	148106	32.351	ng	91
3) Pyridine	3.07	79	496982	40.951	ng	90
4) n-Nitrosodimethylamine	3.00	42	188170	41.054	ng	91
6) Aniline	6.38	93	643458	40.143	ng	97
8) 2-Chlorophenol	6.51	128	432868	40.219	ng	96
9) Benzaldehyde	6.27	77	328043	41.418	ng	99
10) Phenol	6.37	94	551771	39.542	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	433614	39.499	ng	97
12) 1,3-Dichlorobenzene	6.66	146	486290	39.508	ng	97
13) 1,4-Dichlorobenzene	6.74	146	486558	39.403	ng	100
14) 1,2-Dichlorobenzene	6.90	146	455820	39.818	ng	98
15) Benzyl Alcohol	6.87	79	386811	41.085	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	625524	39.769	ng	96
17) 2-Methylphenol	6.98	107	351830	40.067	ng	97
18) Hexachloroethane	7.24	117	177939	39.677	ng	99
19) n-Nitroso-di-n-propylamine	7.14	70	318325	38.833	ng	97
20) 3+4-Methylphenols	7.14	107	405050	38.301	ng	# 63
22) Acetophenone	7.13	105	551116	38.123	ng	# 91
24) Nitrobenzene	7.30	77	472790	40.405	ng	97
25) Isophorone	7.55	82	766906	39.310	ng	99
26) 2-Nitrophenol	7.62	139	223660	40.935	ng	99
27) 2,4-Dimethylphenol	7.66	122	336894	39.308	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	515918	39.298	ng	99
29) 2,4-Dichlorophenol	7.86	162	368301	40.325	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	384062	38.901	ng	98
31) Naphthalene	8.02	128	1153294	39.035	ng	99
32) Benzoic acid	7.79	122	194756	34.776	ng	96
33) 4-Chloroaniline	8.07	127	519742	39.565	ng	99
34) Hexachlorobutadiene	8.15	225	235798	39.122	ng	98
35) Caprolactam	8.45	113	124035	41.655	ng	# 87
36) 4-Chloro-3-methylphenol	8.56	107	383372	39.874	ng	96
37) 2-Methylnaphthalene	8.72	142	749883	38.936	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	378169	38.746	ng	98
40) Hexachlorocyclopentadiene	8.88	237	159727	32.481	ng	100

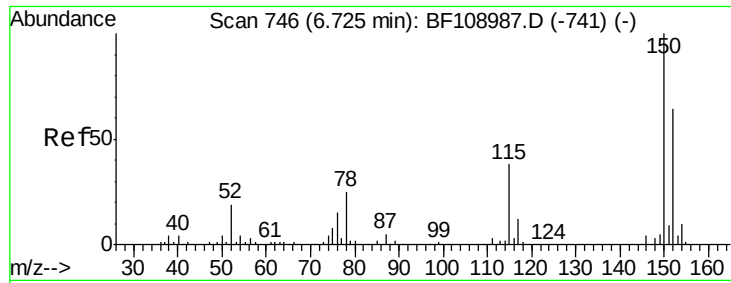
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
 Data File : BF109020.D
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 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	268072	40.863	ng	99
43) 2,4,5-Trichlorophenol	9.03	196	282104	41.150	ng	97
45) 1,1'-Biphenyl	9.18	154	963238	38.825	ng	97
46) 2-Chloronaphthalene	9.20	162	776350	39.074	ng	99
47) 2-Nitroaniline	9.30	65	253197	41.452	ng	97
48) Acenaphthylene	9.61	152	1166877	38.952	ng	99
49) Dimethylphthalate	9.48	163	876652	39.553	ng	99
50) 2,6-Dinitrotoluene	9.54	165	203935	41.490	ng	# 86
51) Acenaphthene	9.79	154	719681	38.581	ng	99
52) 3-Nitroaniline	9.71	138	235678	40.719	ng	99
53) 2,4-Dinitrophenol	9.81	184	61310	32.365	ng	# 18
54) Dibenzofuran	9.96	168	1048136	38.883	ng	99
55) 4-Nitrophenol	9.86	139	176159	41.310	ng	94
56) 2,4-Dinitrotoluene	9.94	165	269817	41.974	ng	# 88
57) Fluorene	10.30	166	718942	40.022	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	229316	40.397	ng	88
59) Diethylphthalate	10.18	149	896131	40.038	ng	97
60) 4-Chlorophenyl-phenylether	10.30	204	381130	39.622	ng	93
61) 4-Nitroaniline	10.31	138	230989	42.007	ng	99
62) Azobenzene	10.45	77	893641	39.005	ng	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	103522	35.675	ng	79
65) n-Nitrosodiphenylamine	10.41	169	777315	39.181	ng	96
66) 4-Bromophenyl-phenylether	10.78	248	266150	38.925	ng	# 84
67) Hexachlorobenzene	10.85	284	284012	38.833	ng	92
68) Atrazine	10.94	200	256069	40.321	ng	96
69) Pentachlorophenol	11.04	266	190589	40.731	ng	98
70) Phenanthrene	11.25	178	1158508	38.967	ng	99
71) Anthracene	11.31	178	1167274	38.731	ng	99
72) Carbazole	11.46	167	1156553	38.767	ng	99
73) Di-n-butylphthalate	11.80	149	1338694	38.333	ng	100
74) Fluoranthene	12.44	202	1185065	37.757	ng	97
76) Benzidine	12.55	184	625823	46.167	ng	99
77) Pyrene	12.66	202	1208534	42.487	ng	100
79) Butylbenzylphthalate	13.29	149	553332	43.553	ng	98
80) Benzo(a)anthracene	13.84	228	929150	40.076	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	382646	40.899	ng	98
82) Chrysene	13.88	228	927713	39.994	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	667273	43.378	ng	99
84) Di-n-octyl phthalate	14.46	149	1135478	43.523	ng	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	984141	53.067	ng	95
87) Benzo(b)fluoranthene	14.86	252	876135	36.260	ng	98
88) Benzo(k)fluoranthene	14.86	252	876135	38.822	ng	98
89) Benzo(a)pyrene	15.20	252	835280	38.926	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	818607	45.408	ng	96
91) Benzo(g,h,i)perylene	17.01	276	815194	45.229	ng	93

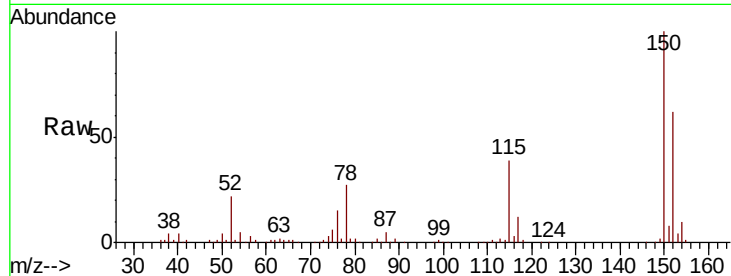
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	62.7	50.1	75.1

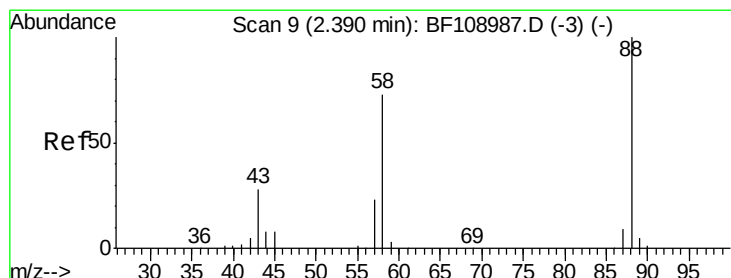
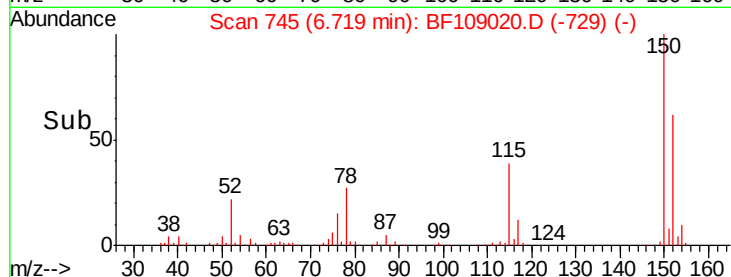
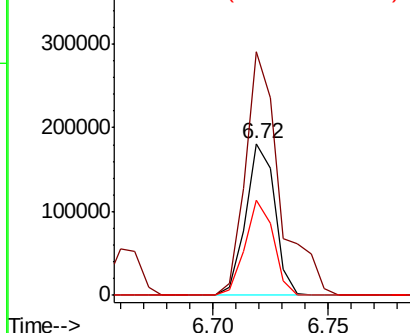


Abundance

Ion 152.00 (151.70 to 152.70): E

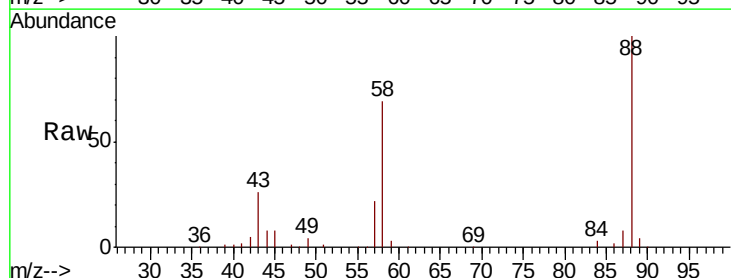
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 32.351 ng
 RT: 2.37 min Scan# 5
 Delta R.T. -0.02 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	62.6	93.8
43	27.4	24.6	37.0

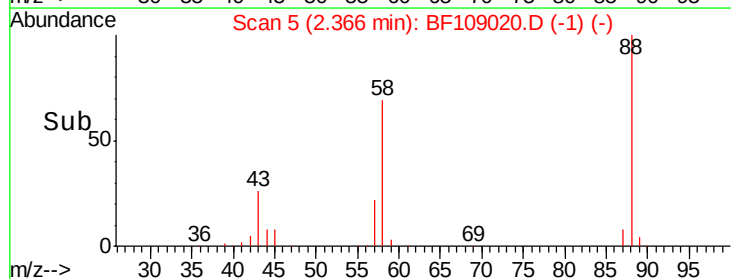
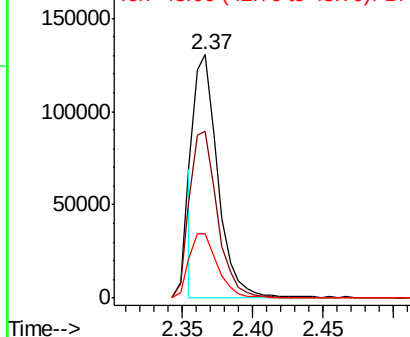


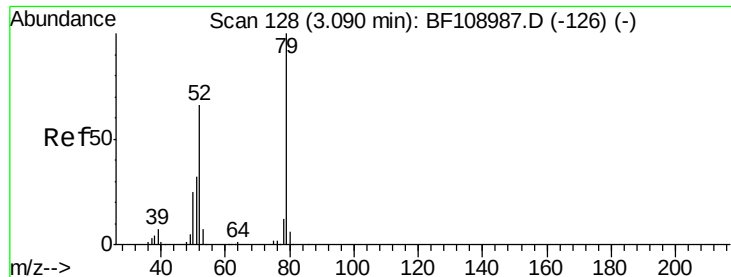
Abundance

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

Pyridine

Concen: 40.951 ng

RT: 3.07 min Scan# 124

Delta R.T. -0.02 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

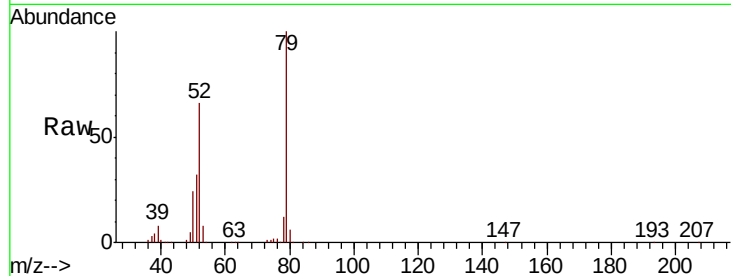
Tgt Ion: 79 Resp: 496982

Ion Ratio Lower Upper

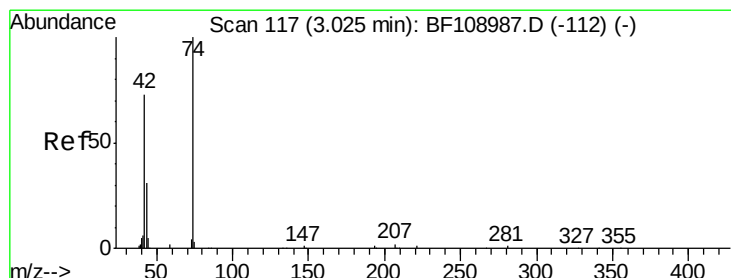
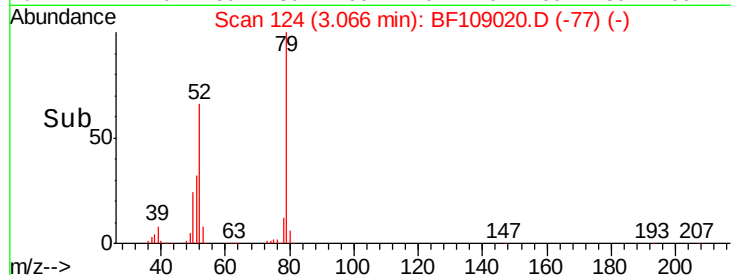
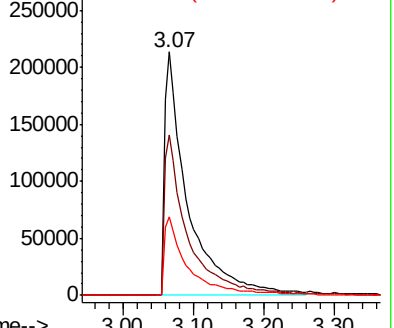
79 100

52 66.1 59.8 89.6

51 32.1 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: 41.054 ng

RT: 3.00 min Scan# 113

Delta R.T. -0.02 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

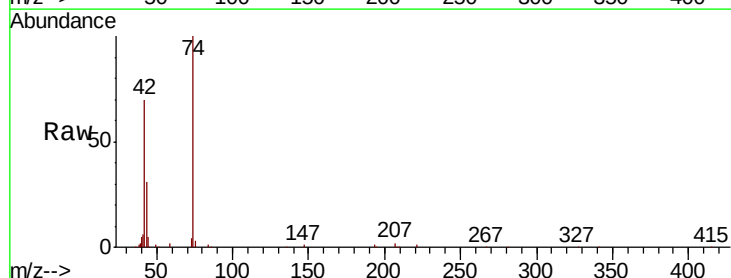
Tgt Ion: 42 Resp: 188170

Ion Ratio Lower Upper

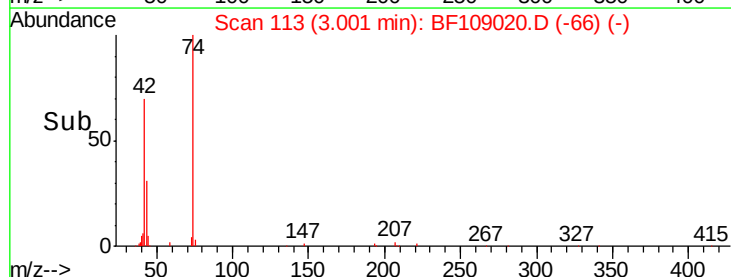
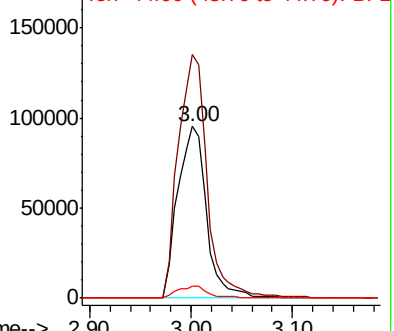
42 100

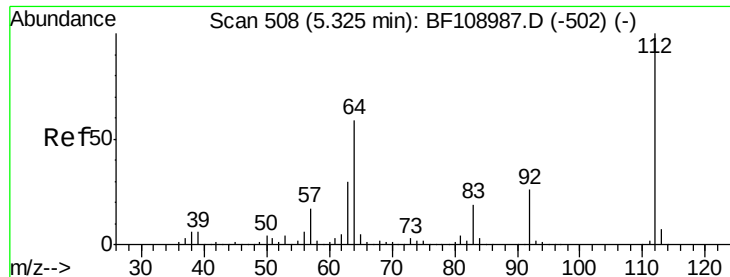
74 141.9 104.9 157.3

44 7.1 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: 79.681 ng

RT: 5.32 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

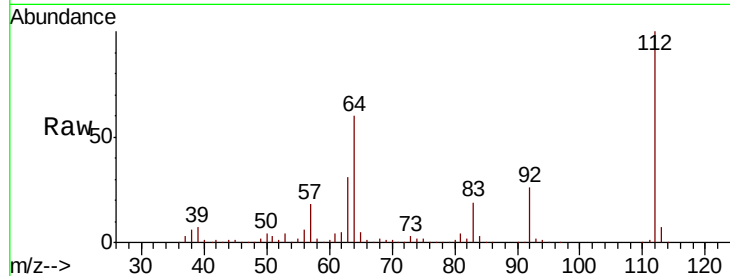
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

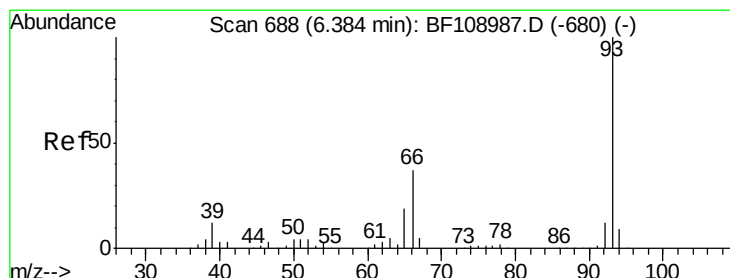
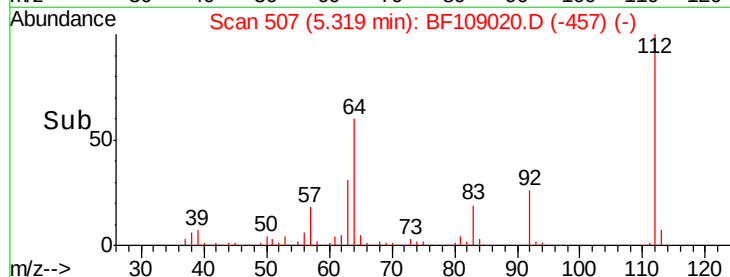
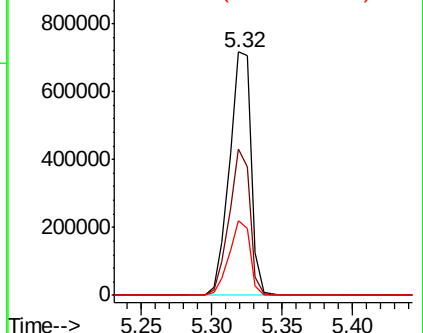
Tgt Ion:	112	Resp:	766330
Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.143 ng

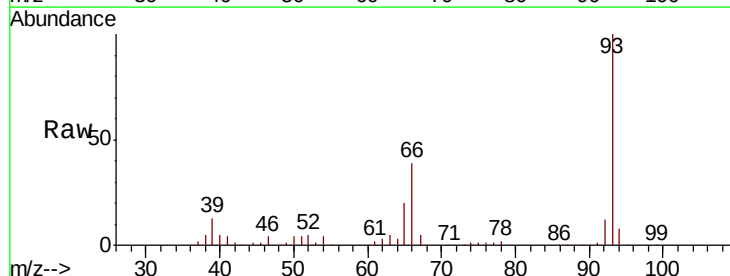
RT: 6.38 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

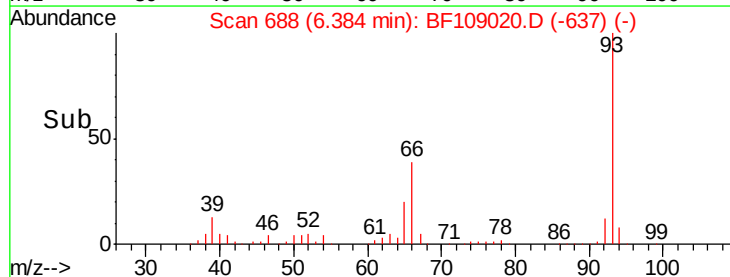
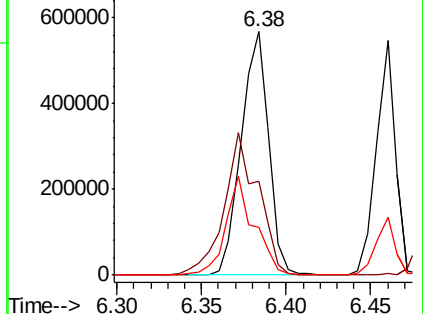
Tgt Ion:	93	Resp:	643458
Ion	Ratio	Lower	Upper
93	100		
66	38.5	32.2	48.2
65	19.5	16.4	24.6

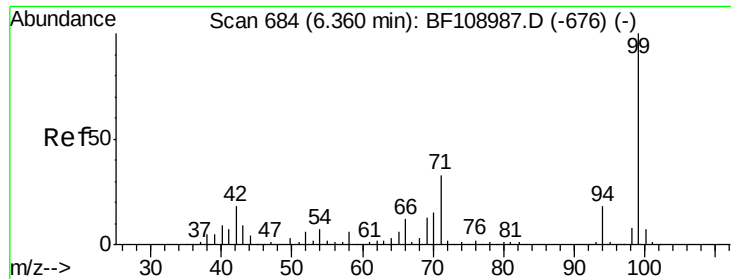


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.799 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

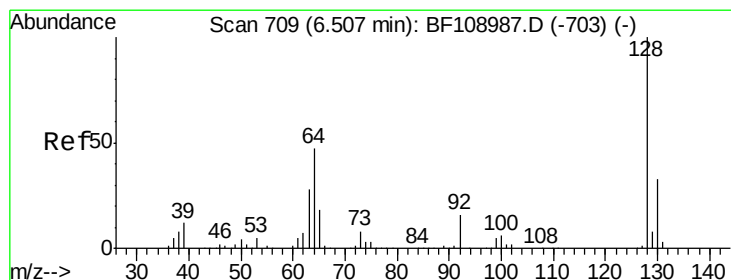
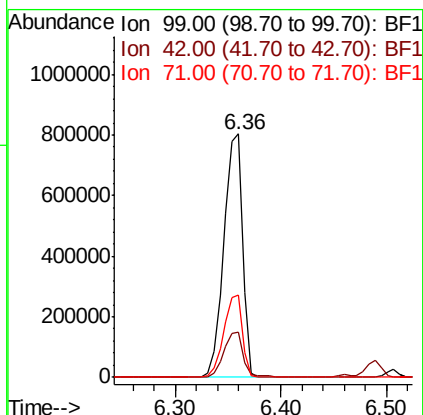
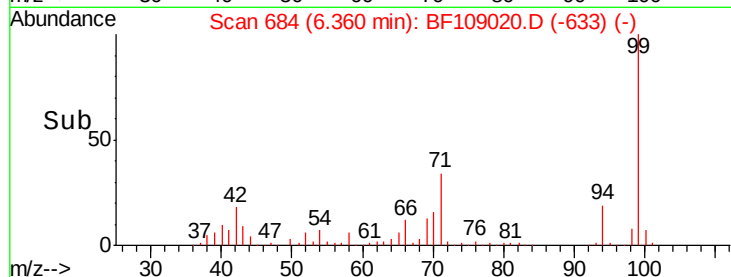
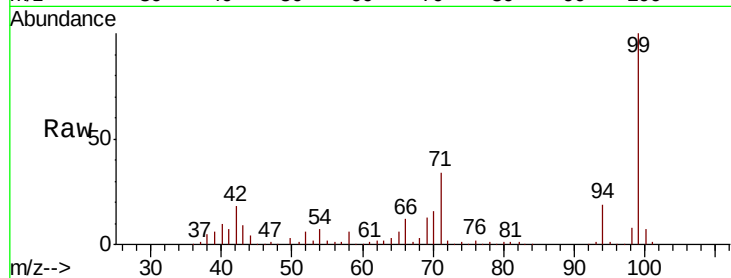
Tgt Ion: 99 Resp: 989609

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 33.6 25.4 38.0



#8

2-Chlorophenol

Concen: 40.219 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

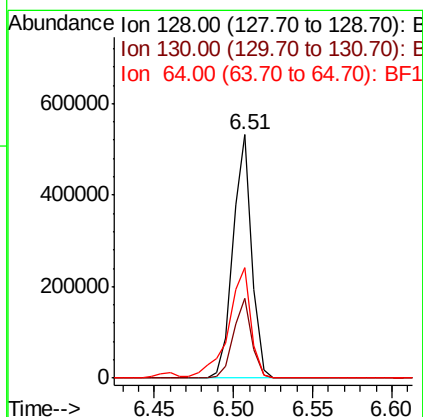
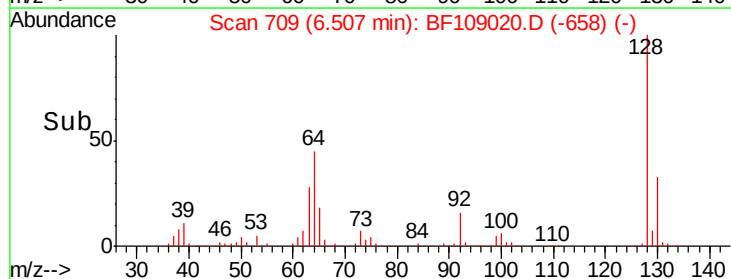
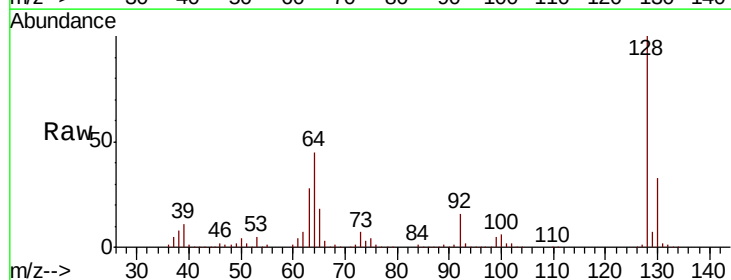
Tgt Ion: 128 Resp: 432868

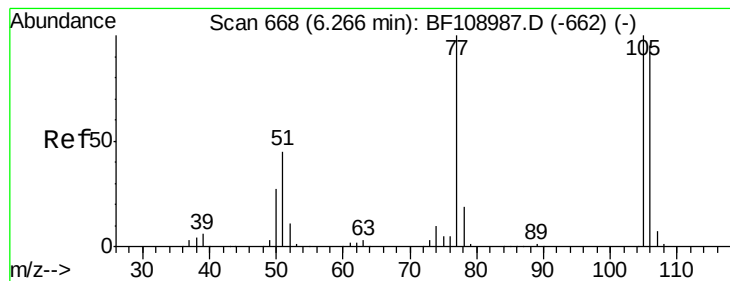
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 45.4 29.4 69.4





#9

Benzaldehyde

Concen: 41.418 ng

RT: 6.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

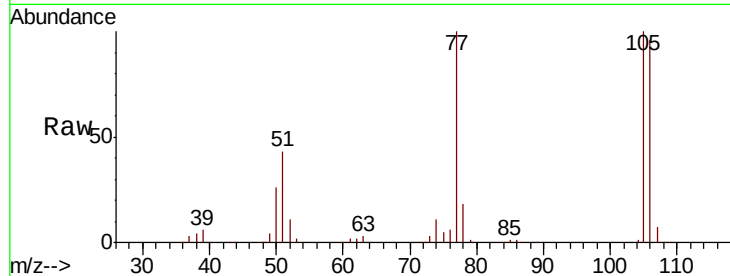
Tgt Ion: 77 Resp: 328043

Ion Ratio Lower Upper

77 100

105 99.6 81.1 121.1

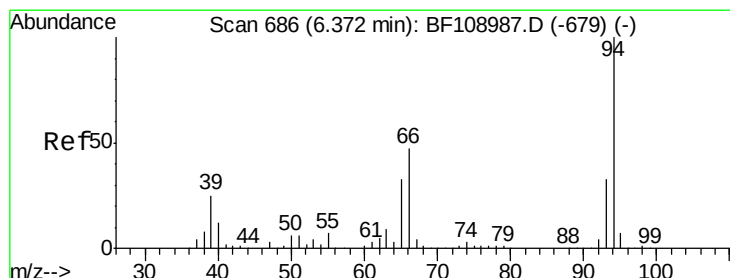
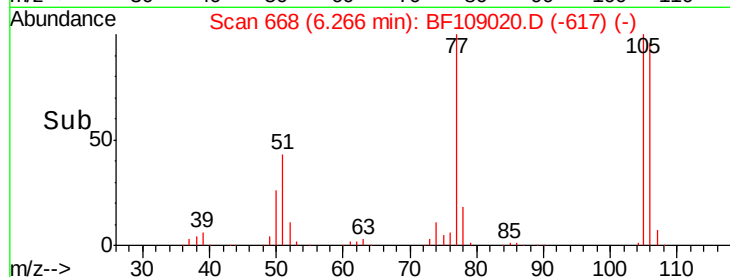
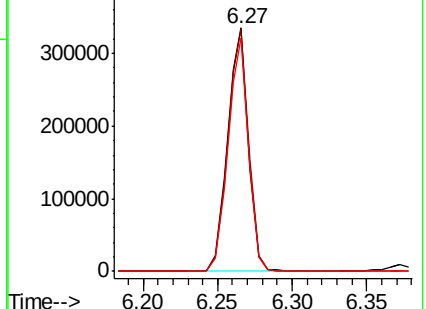
106 96.0 74.5 114.5



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: 39.542 ng

RT: 6.37 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

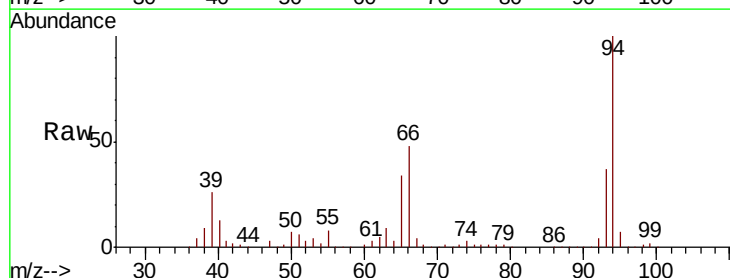
Tgt Ion: 94 Resp: 551771

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

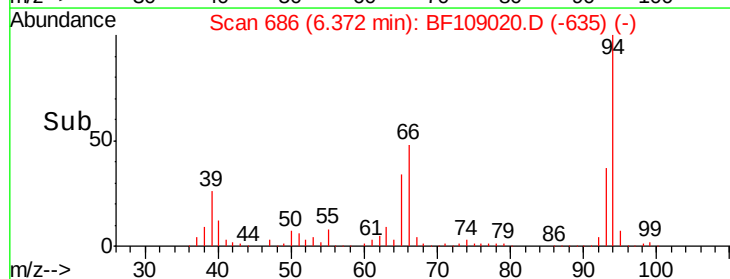
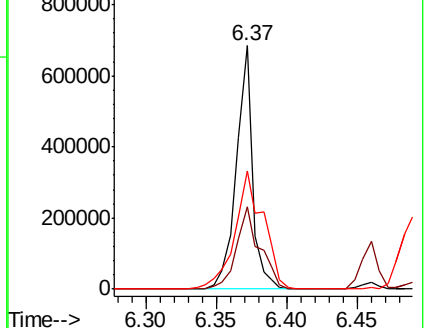
66 48.5 16.2 56.2

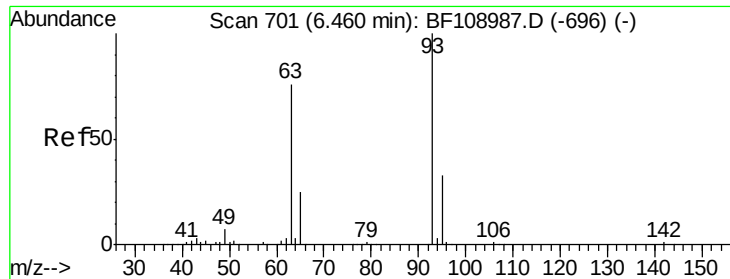


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



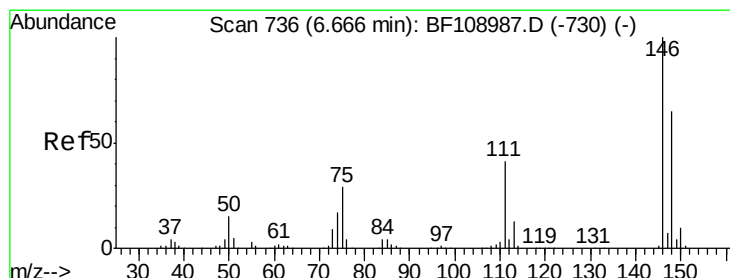
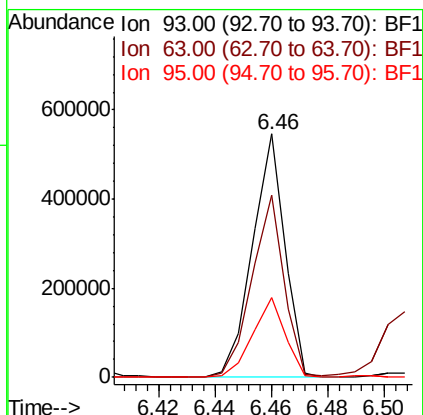
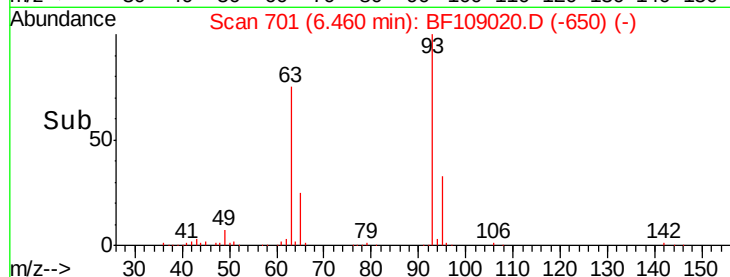
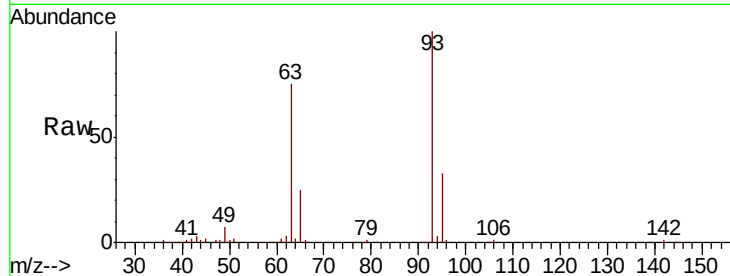


#11
bis(2-Chloroethyl)ether
Concen: 39.499 ng
RT: 6.46 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 433614

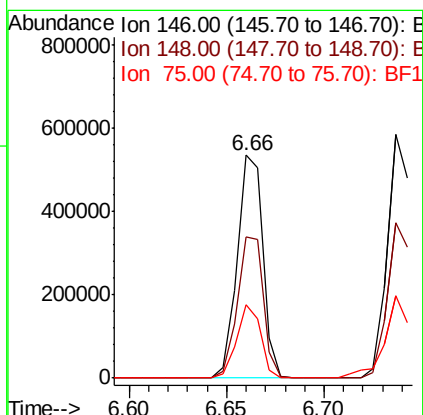
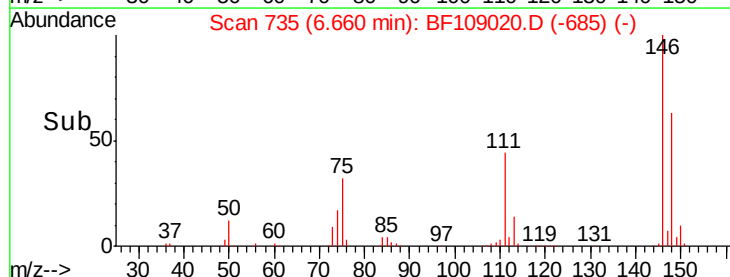
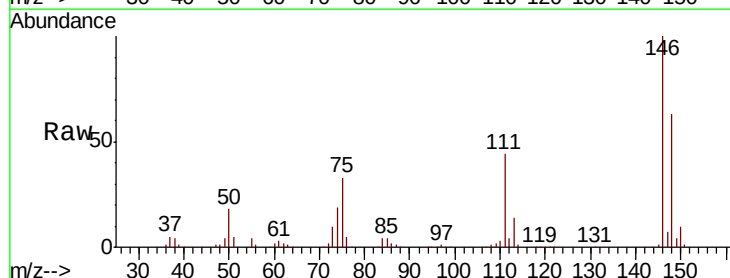
Ion	Ratio	Lower	Upper
93	100		
63	74.9	58.6	98.6
95	32.6	11.8	51.8

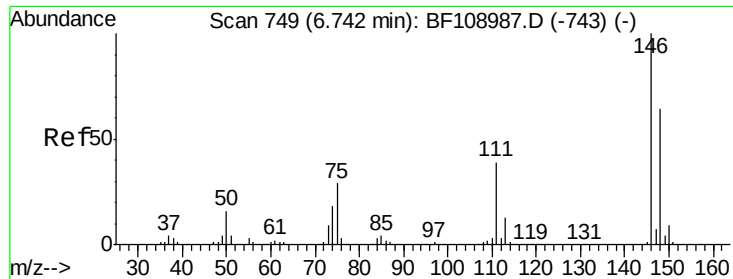


#12
1,3-Dichlorobenzene
Concen: 39.508 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion: 146 Resp: 486290

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	32.9	24.2	36.4

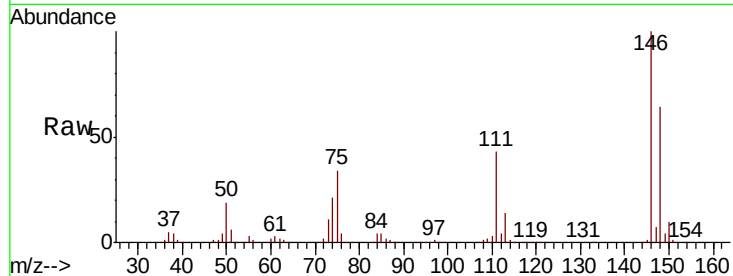




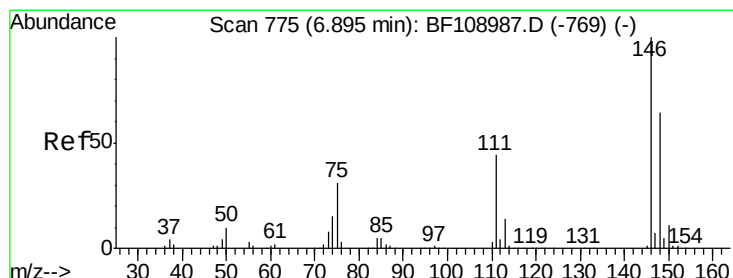
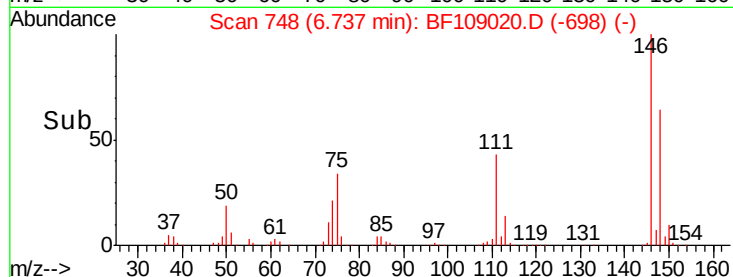
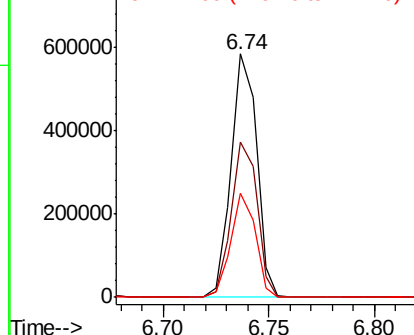
#13
 1,4-Dichlorobenzene
 Concen: 39.403 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 486558
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 42.8 34.2 51.2

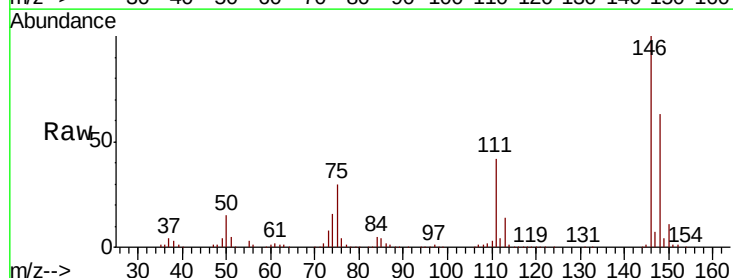


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

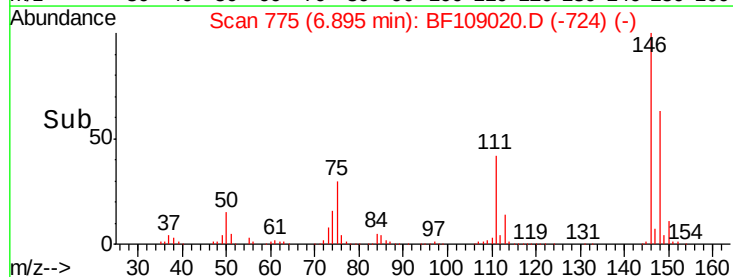
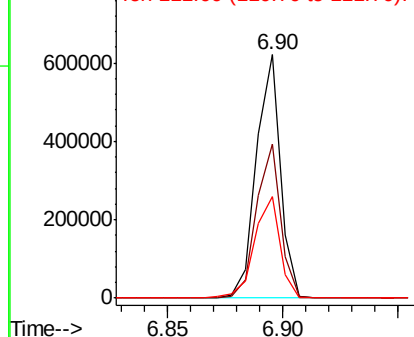


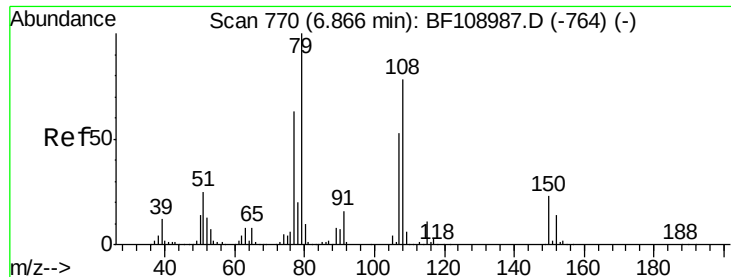
#14
 1,2-Dichlorobenzene
 Concen: 39.818 ng
 RT: 6.90 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion:146 Resp: 455820
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 41.9 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: 41.085 ng

RT: 6.87 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

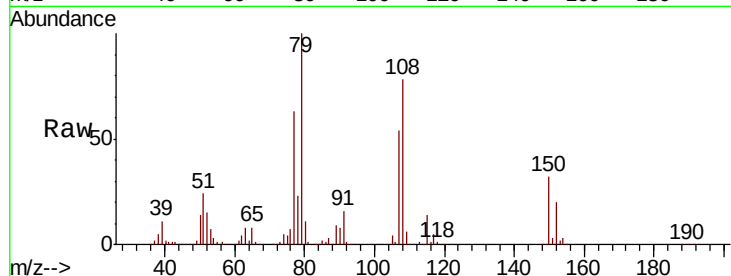
Tgt Ion: 79 Resp: 386811

Ion Ratio Lower Upper

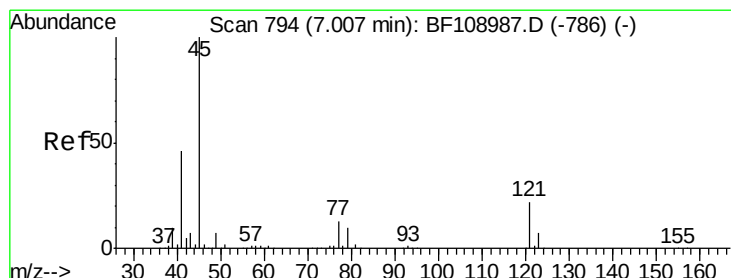
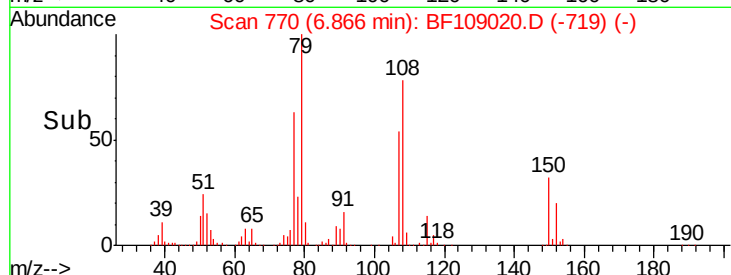
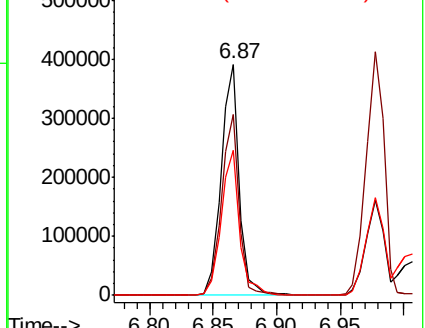
79 100

108 78.4 65.1 97.7

77 62.9 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: 39.769 ng

RT: 7.01 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

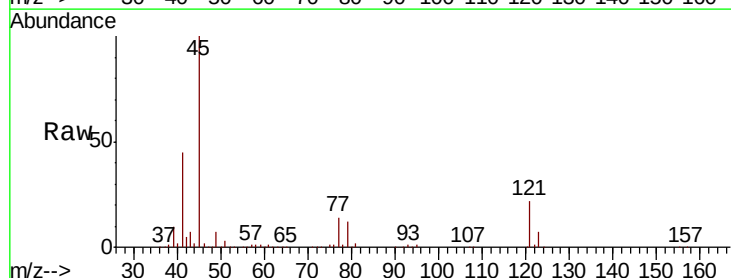
Tgt Ion: 45 Resp: 625524

Ion Ratio Lower Upper

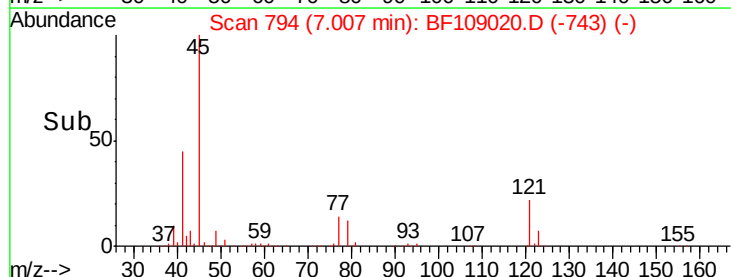
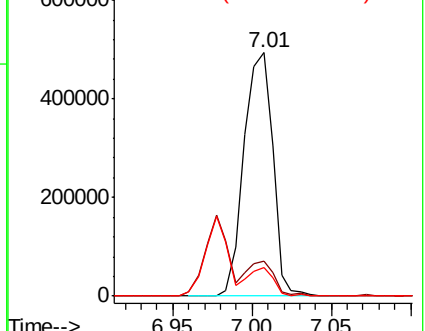
45 100

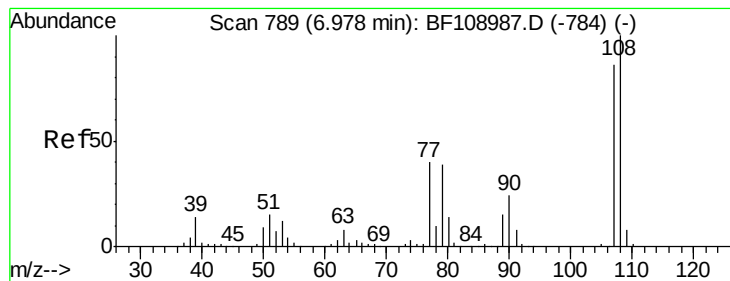
77 14.4 0.0 32.9

79 11.6 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

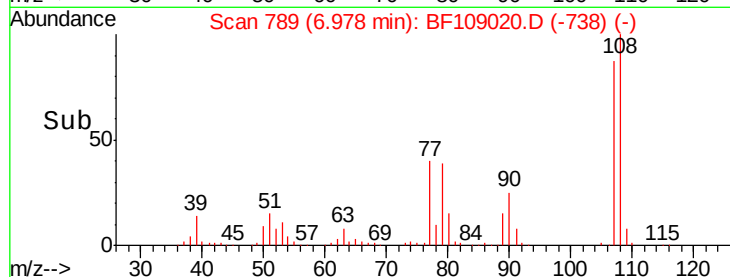
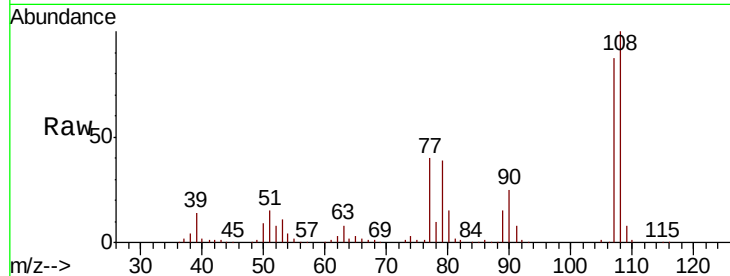




#17
2-Methylphenol
Concen: 40.067 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	351830
Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.7	137.5
77	46.3	33.8	50.8
79	45.4	33.8	50.8



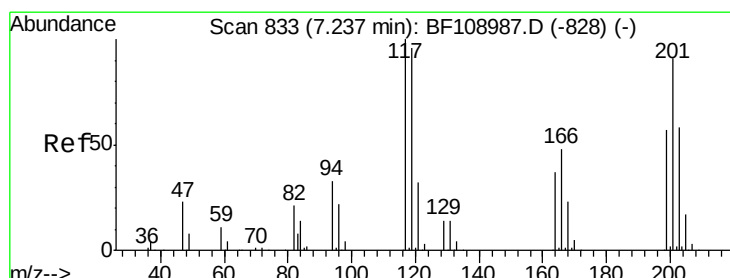
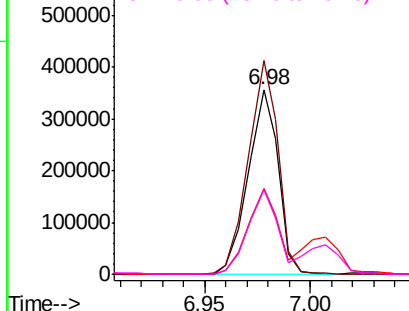
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

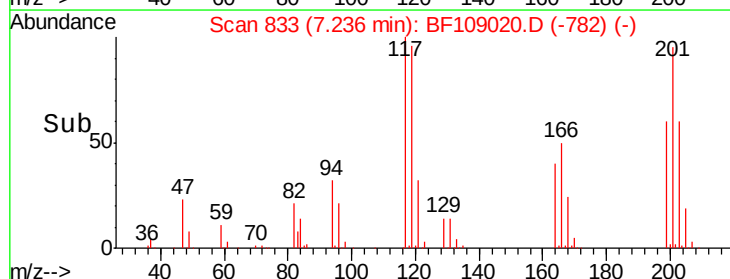
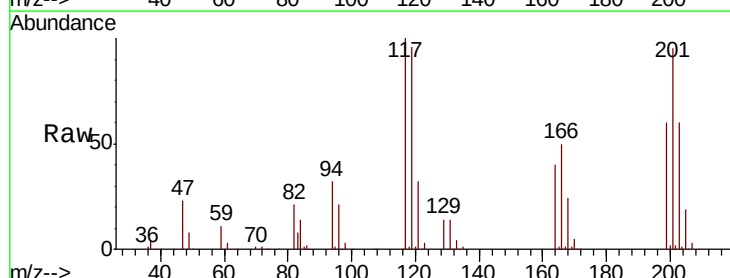
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.677 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion:	117	Resp:	177939
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	95.5	75.7	113.5

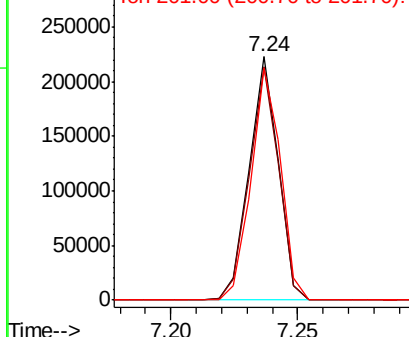


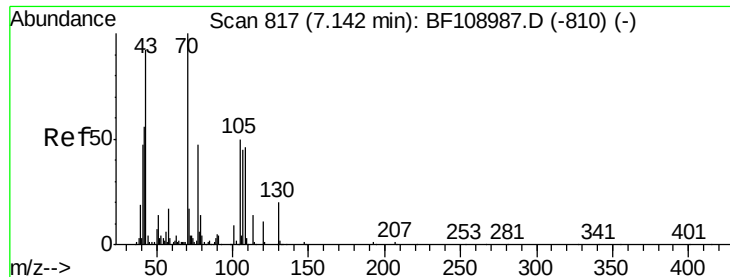
Abundance

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

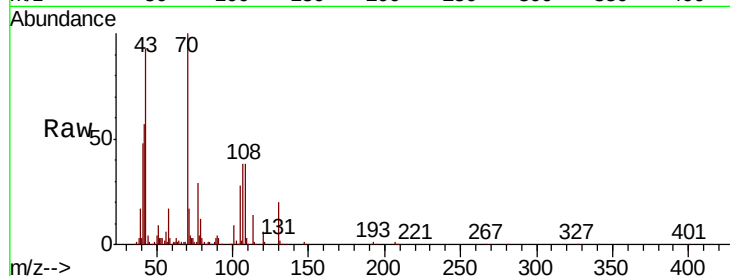




#19
n-Nitroso-di-n-propylamine
Concen: 38.833 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	318325
Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.5	71.3
101	9.2	7.4	11.2
130	19.6	16.6	25.0



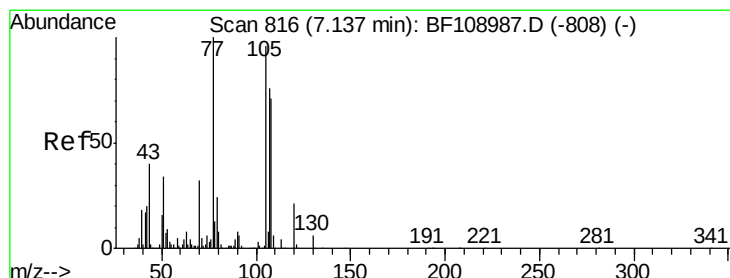
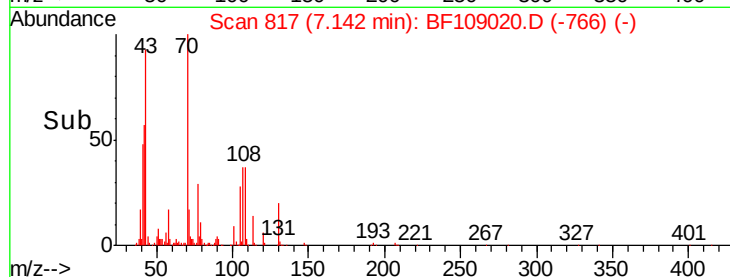
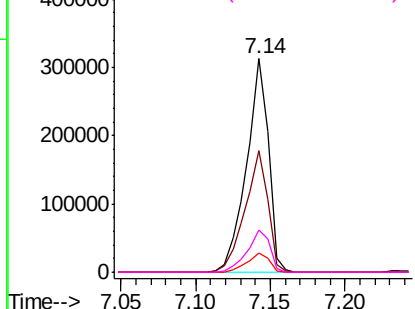
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

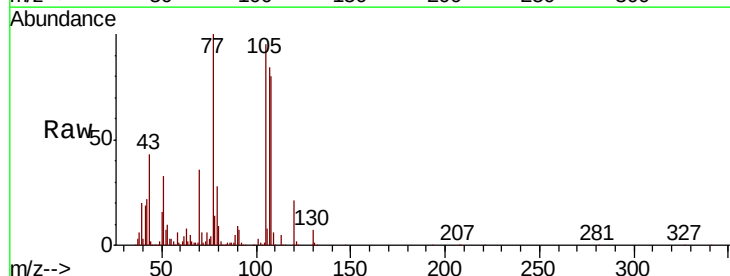
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 38.301 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion:	107	Resp:	405050
Ion	Ratio	Lower	Upper
107	100		
108	94.8	68.2	108.2
77	118.6	26.7	66.7#
79	33.0	6.3	46.3



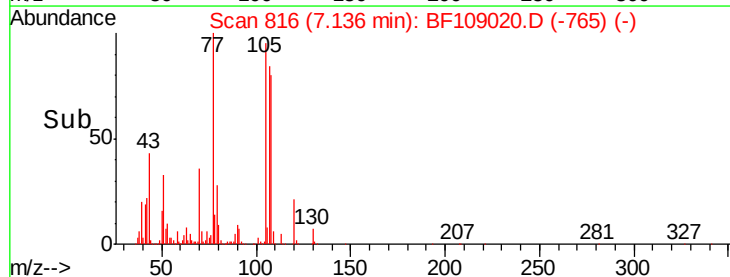
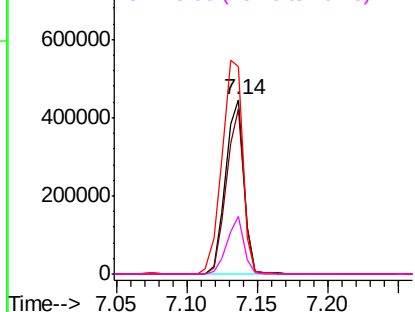
Abundance

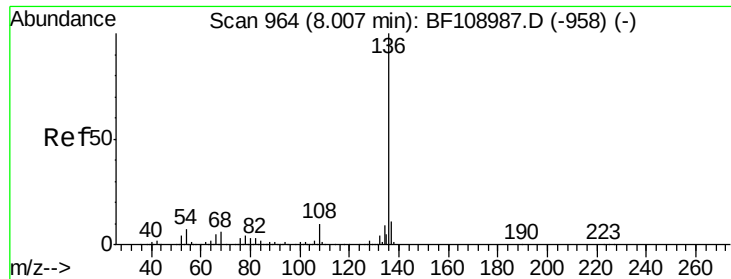
Ion 107.00 (106.70 to 107.70): E

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

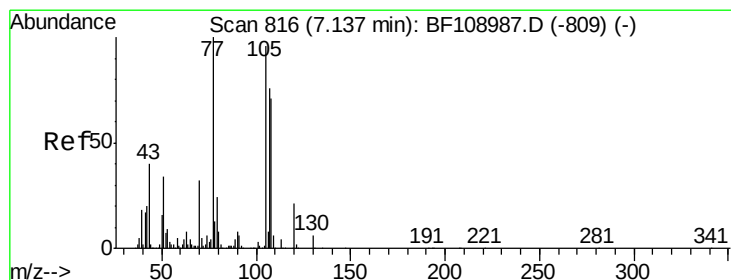
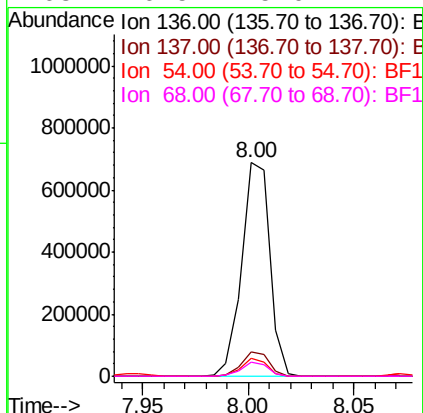
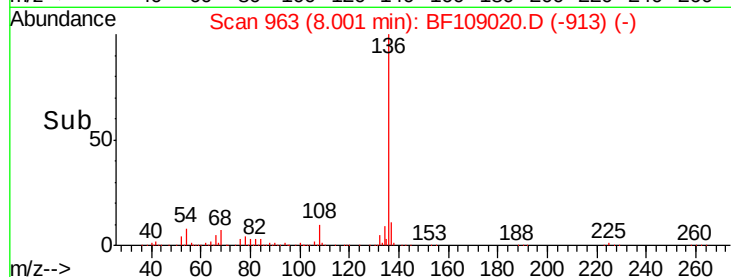
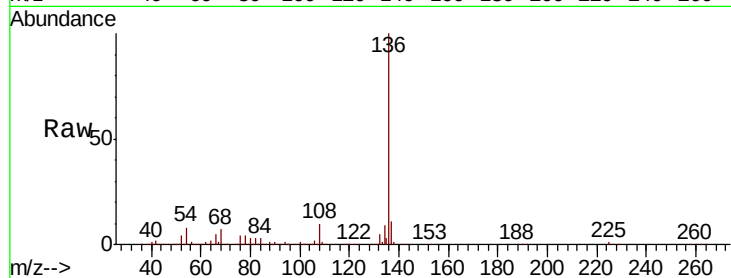




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

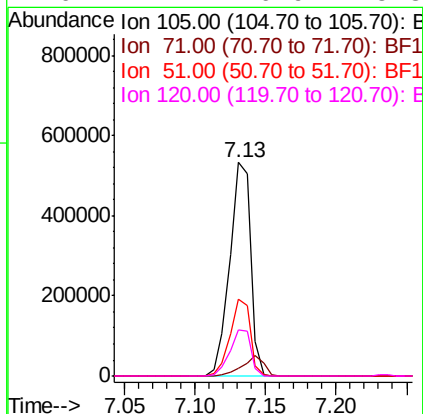
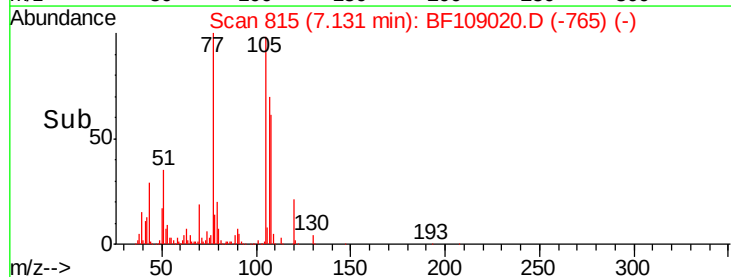
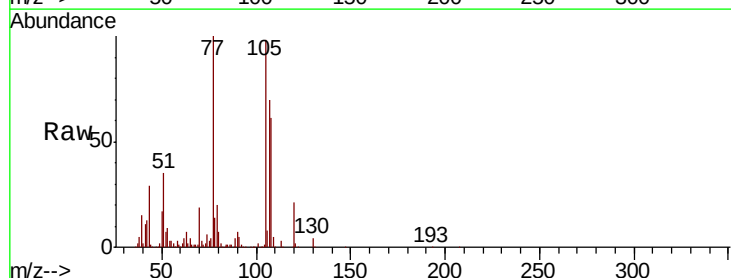
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

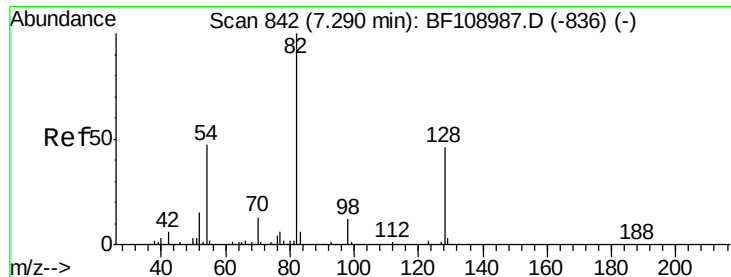
Tgt Ion:	136	Resp:	636561
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4



#22
Acetophenone
Concen: 38.123 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion:	105	Resp:	551116
Ion	Ratio	Lower	Upper
105	100		
71	3.4	4.4	6.6#
51	36.0	22.3	33.5#
120	21.7	16.9	25.3

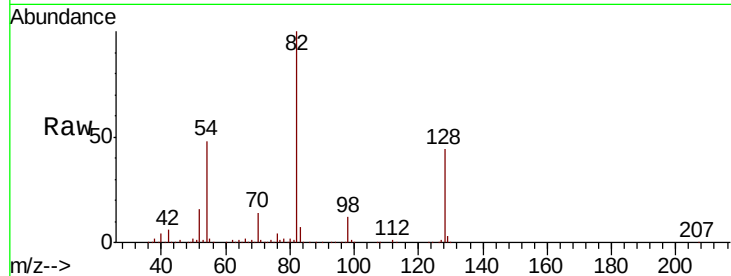




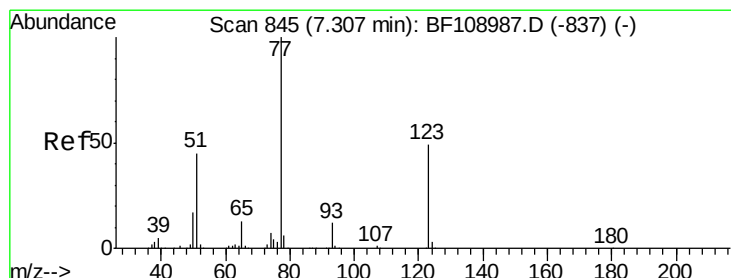
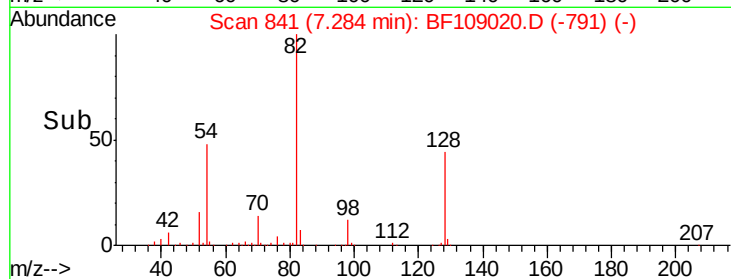
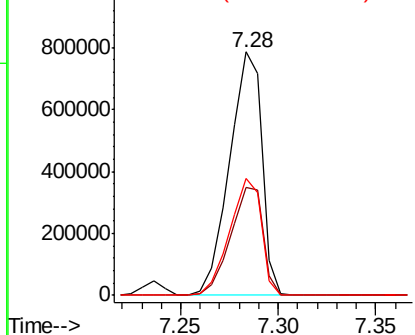
#23
 Nitrobenzene-d5
 Concen: 79.555 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.1	41.4	62.2

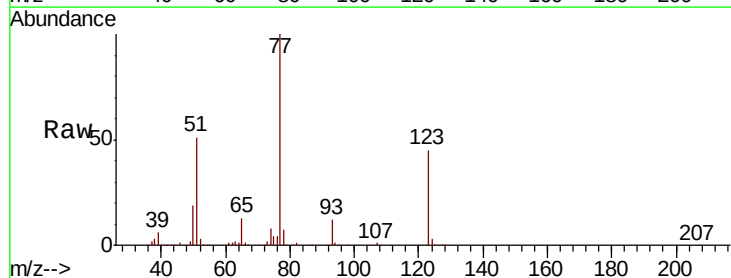


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

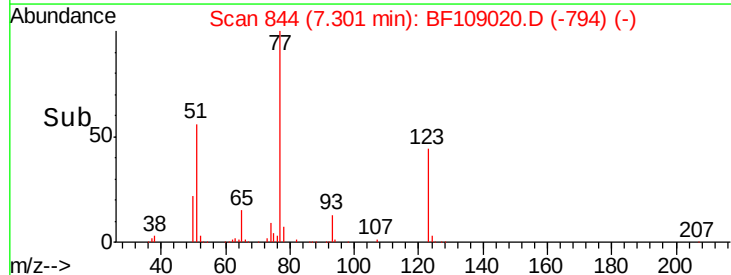
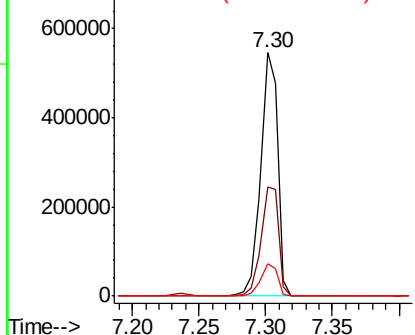


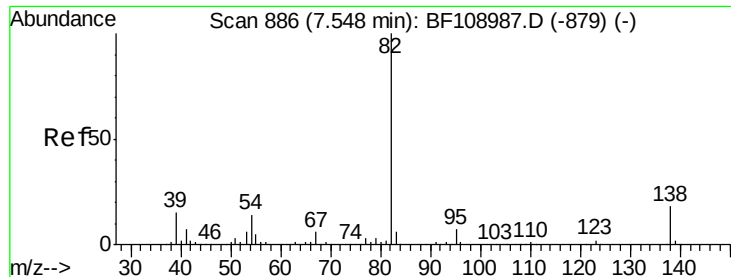
#24
 Nitrobenzene
 Concen: 40.405 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	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: 39.310 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

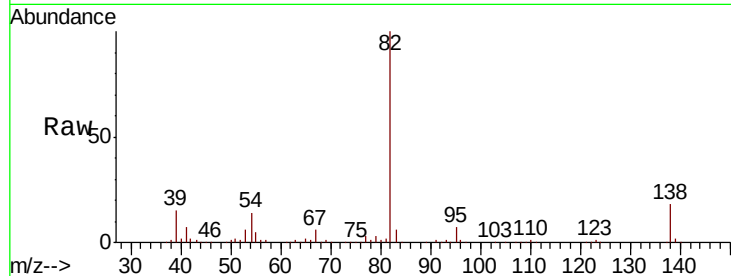
Tgt Ion: 82 Resp: 766906

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

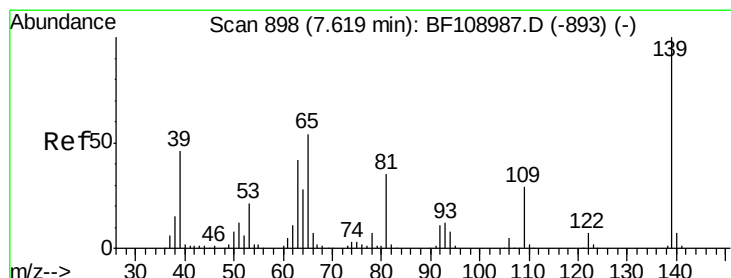
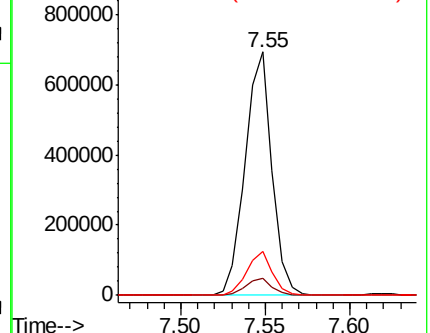
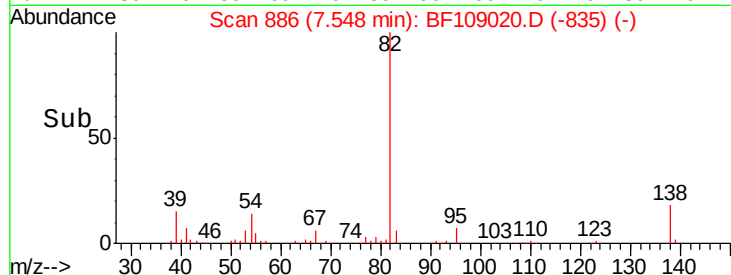
138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.935 ng

RT: 7.62 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

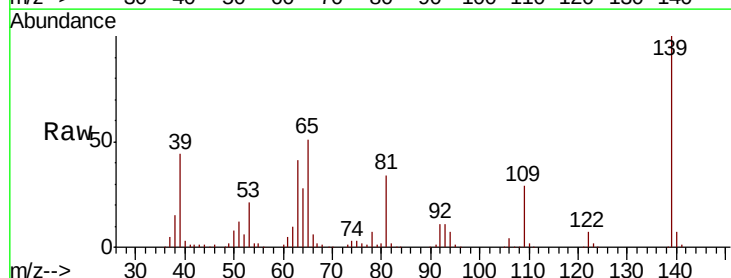
Tgt Ion: 139 Resp: 223660

Ion Ratio Lower Upper

139 100

109 29.4 22.7 34.1

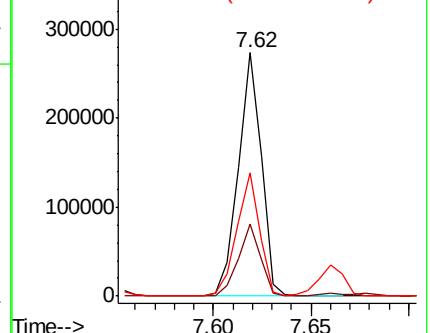
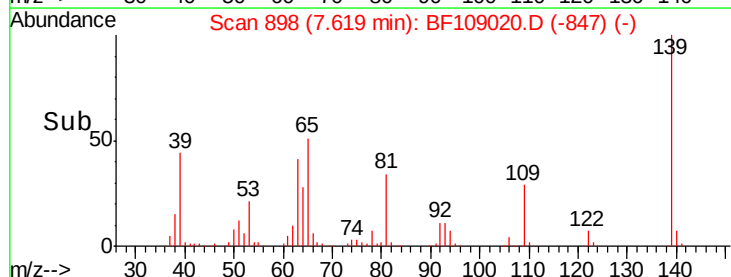
65 50.7 40.5 60.7

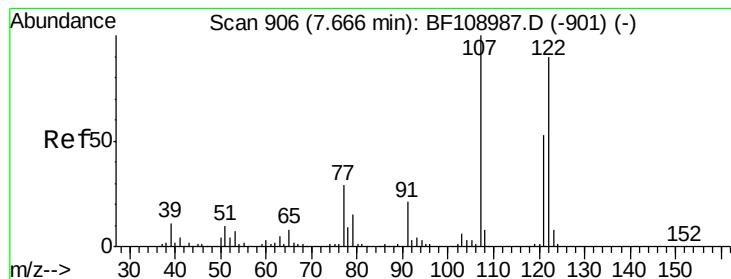


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.308 ng

RT: 7.66 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

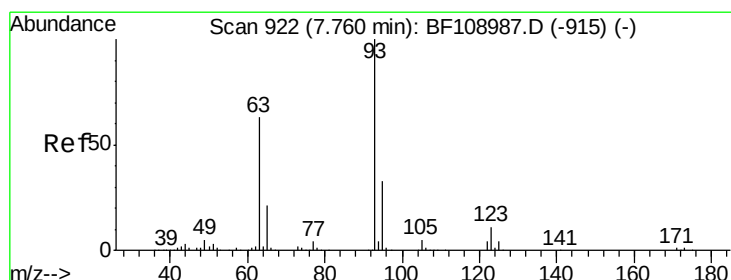
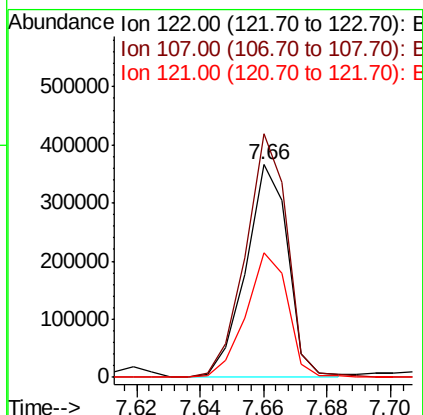
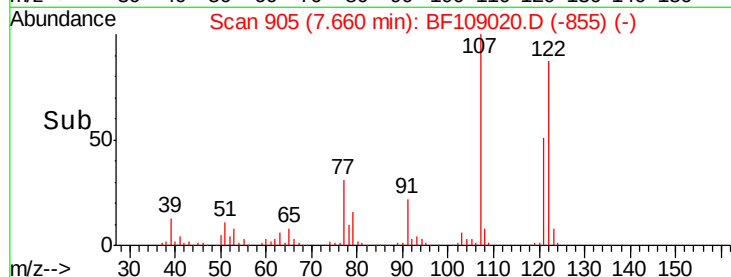
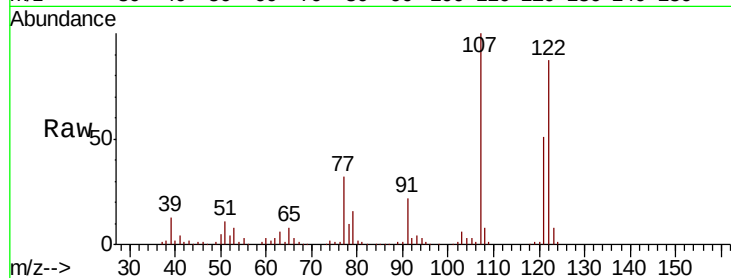
Tgt Ion:122 Resp: 336894

Ion Ratio Lower Upper

122 100

107 114.6 91.2 136.8

121 58.5 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.298 ng

RT: 7.76 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

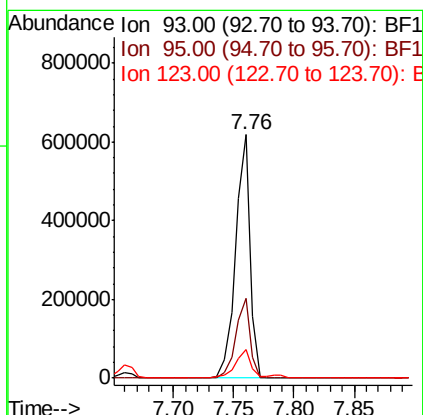
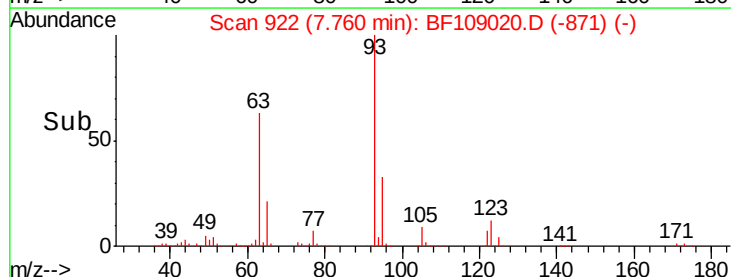
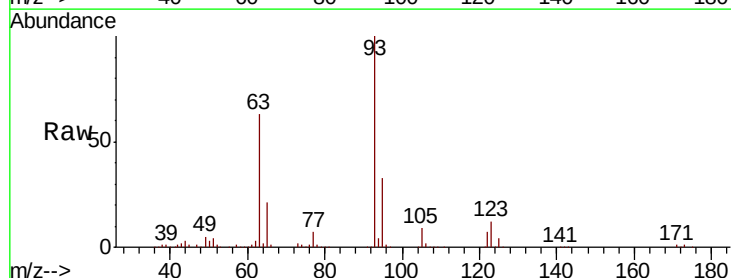
Tgt Ion: 93 Resp: 515918

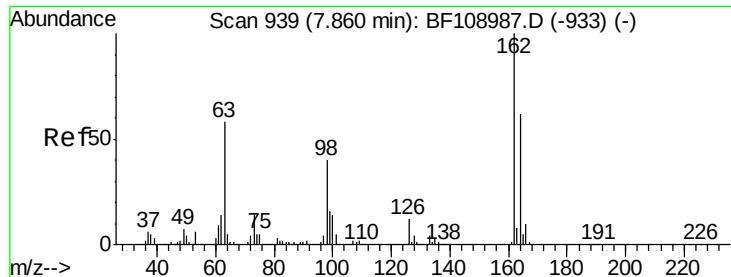
Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 11.7 9.8 14.6

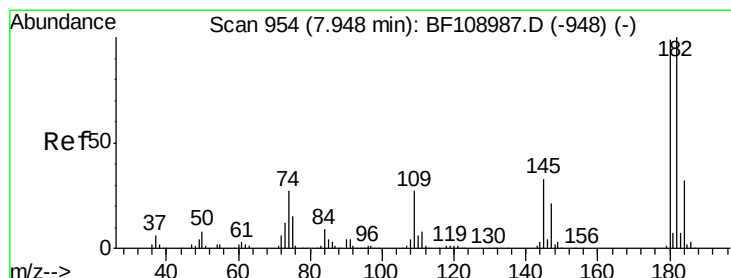
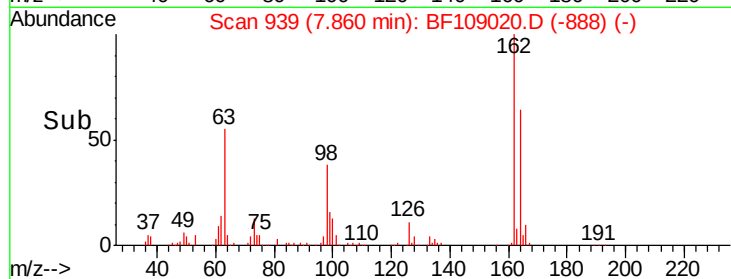
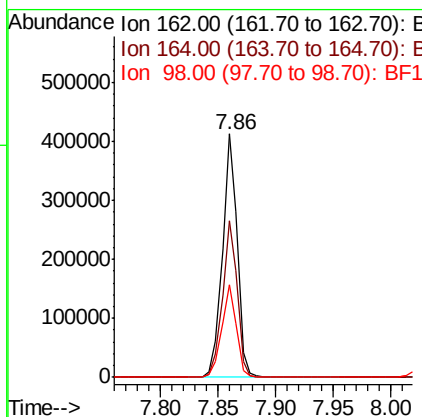
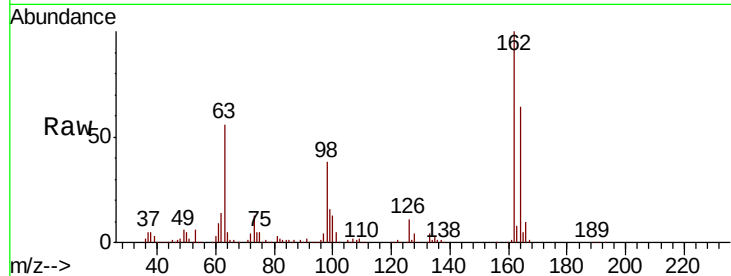




#29
 2,4-Dichlorophenol
 Concen: 40.325 ng
 RT: 7.86 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

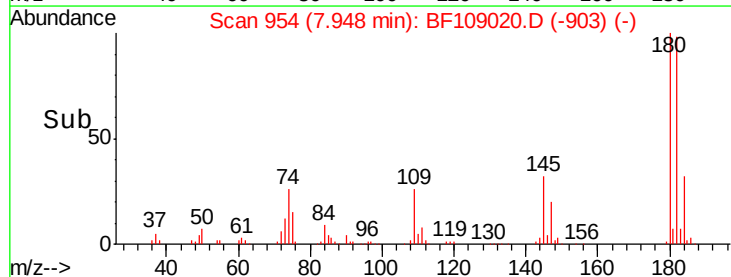
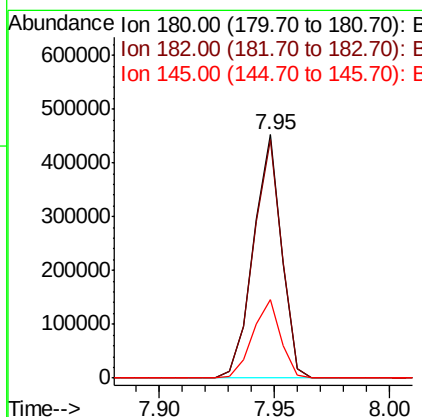
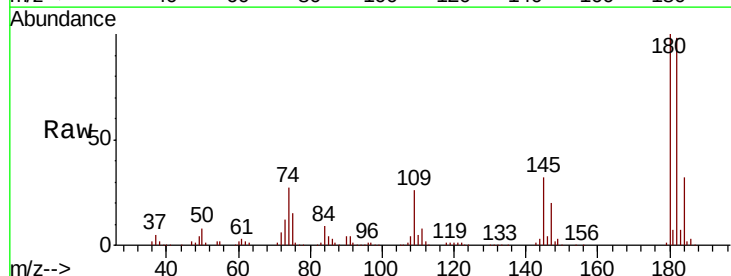
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

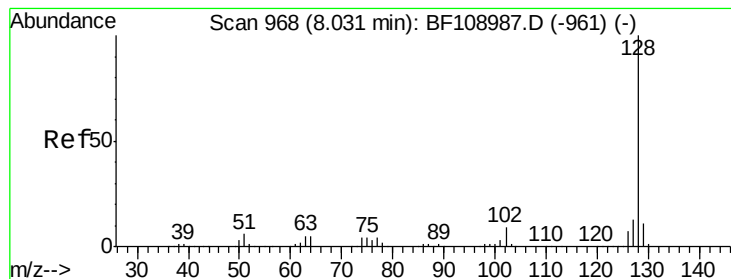
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	38.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.901 ng
 RT: 7.95 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.8	115.2
145	32.3	26.5	39.7





#31

Naphthalene

Concen: 39.035 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

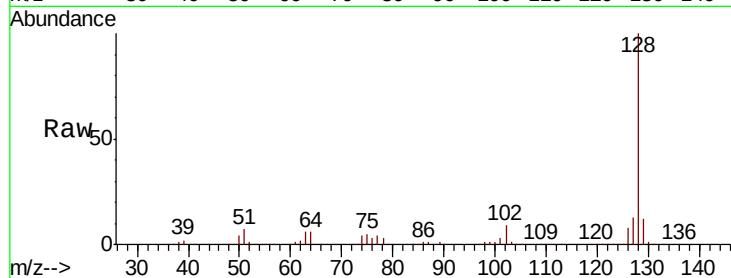
Tgt Ion:128 Resp: 1153294

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

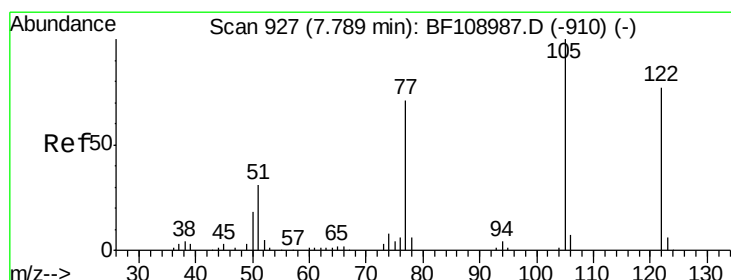
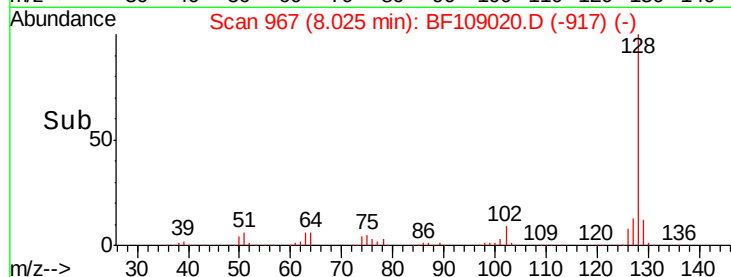
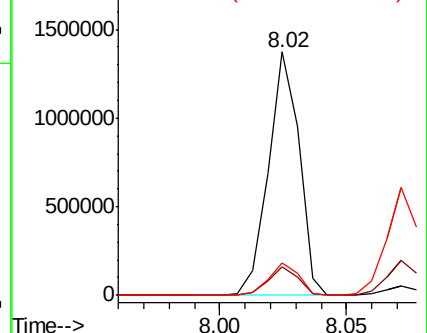
127 13.4 10.9 16.3



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: 34.776 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

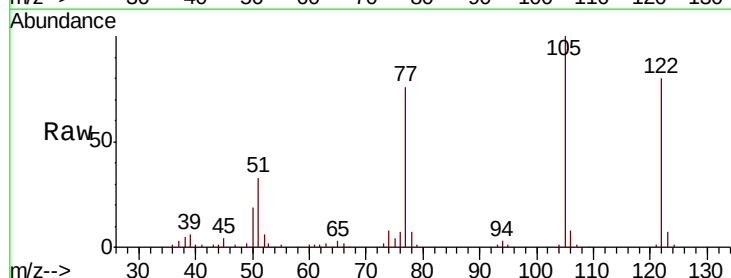
Tgt Ion:122 Resp: 194756

Ion Ratio Lower Upper

122 100

105 124.8 101.1 141.1

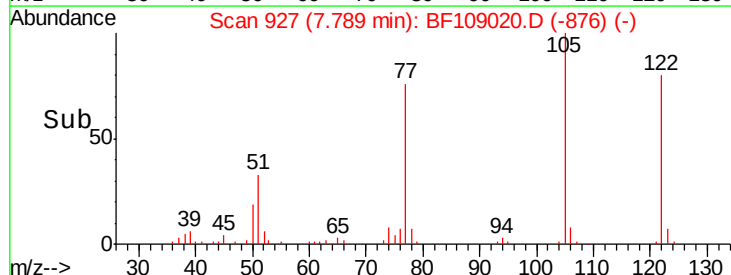
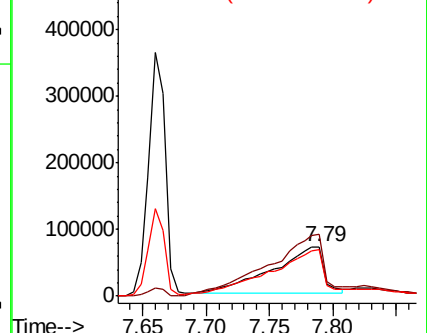
77 94.3 70.7 110.7

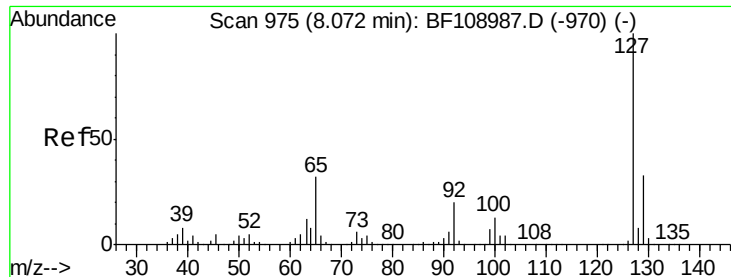


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

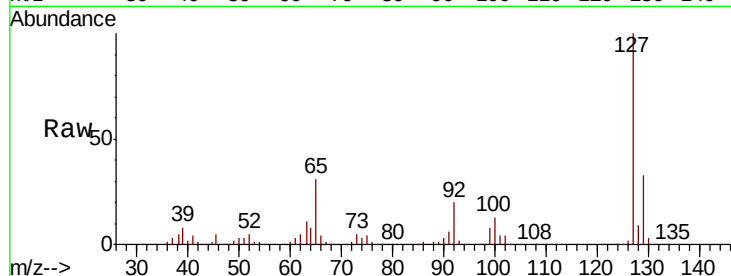




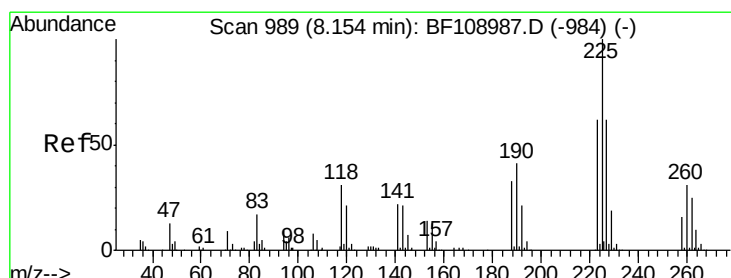
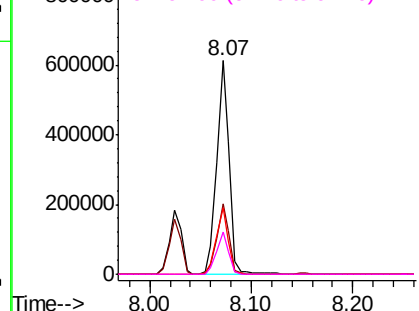
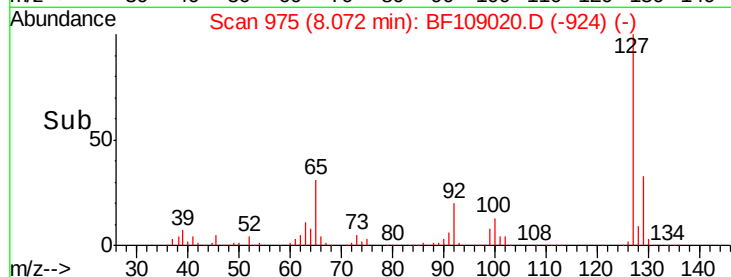
#33
4-Chloroaniline
Concen: 39.565 ng
RT: 8.07 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	519742
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	31.4	25.0	37.4
92	19.5	15.2	22.8

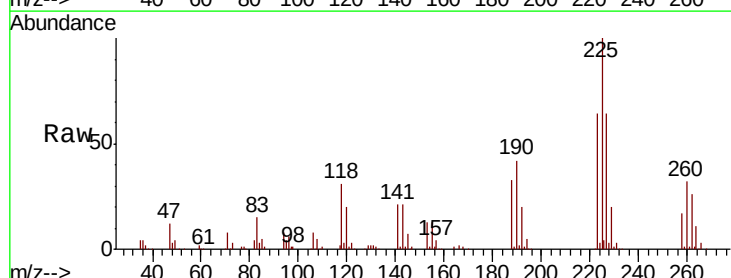


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

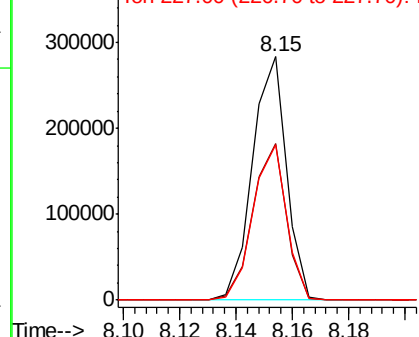
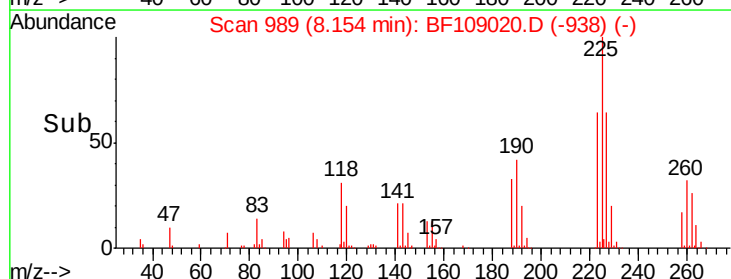


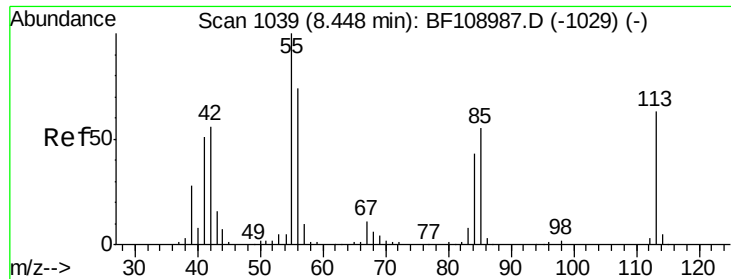
#34
Hexachlorobutadiene
Concen: 39.122 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion:	225	Resp:	235798
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	63.6	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

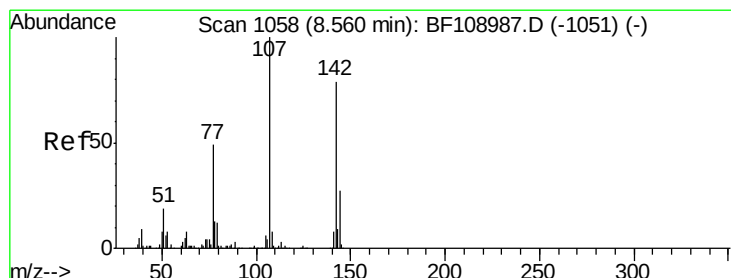
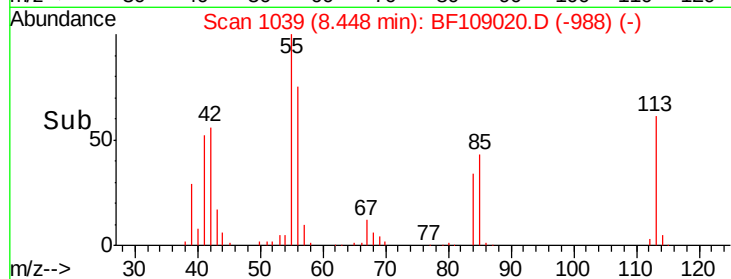
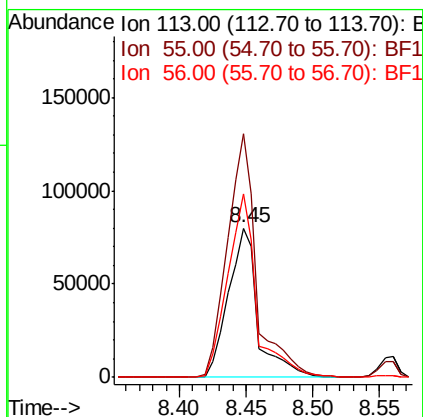
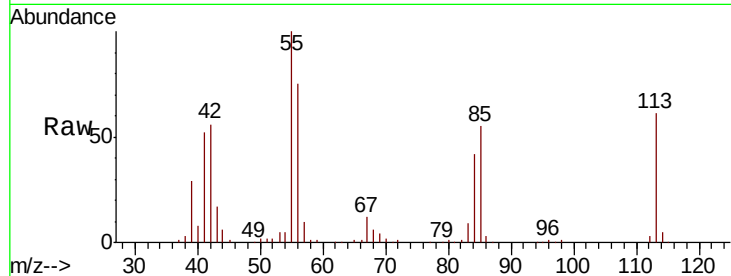




#35
 Caprolactam
 Concen: 41.655 ng
 RT: 8.45 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

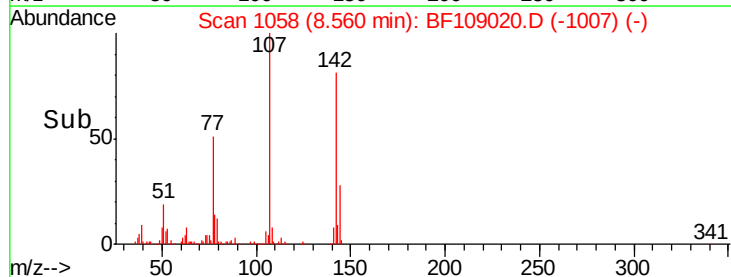
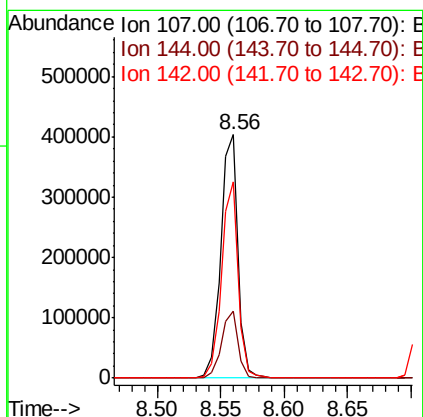
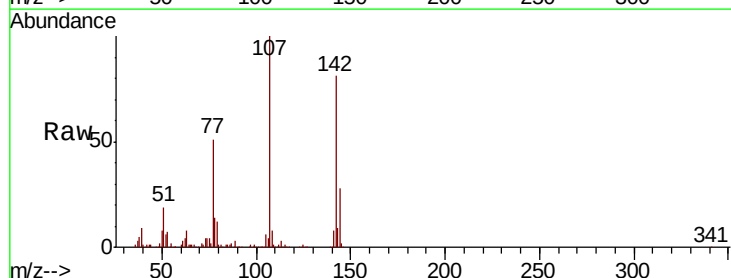
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

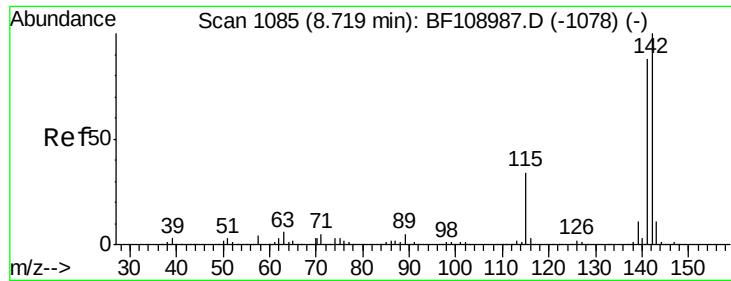
Tgt Ion:113 Resp: 124035
 Ion Ratio Lower Upper
 113 100
 55 163.2 163.3 203.3#
 56 122.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.874 ng
 RT: 8.56 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion:107 Resp: 383372
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.5 30.7
 142 80.8 62.0 93.0

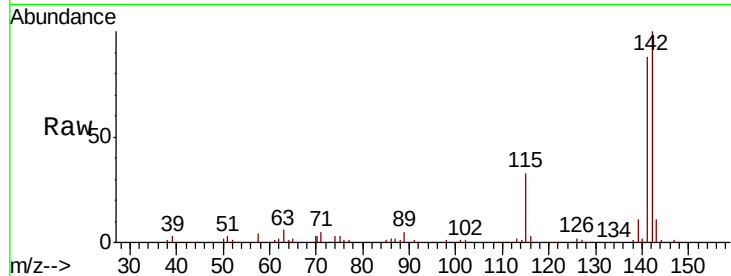




#37
 2-Methylnaphthalene
 Concen: 38.936 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	33.1	26.1	39.1

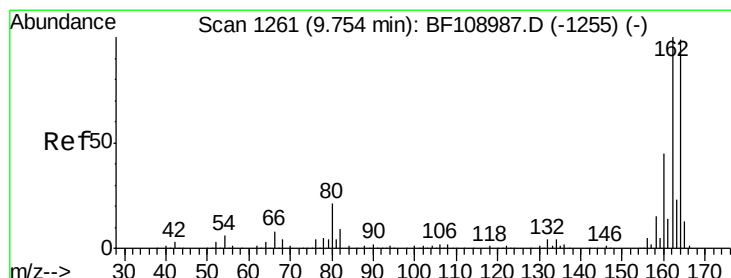
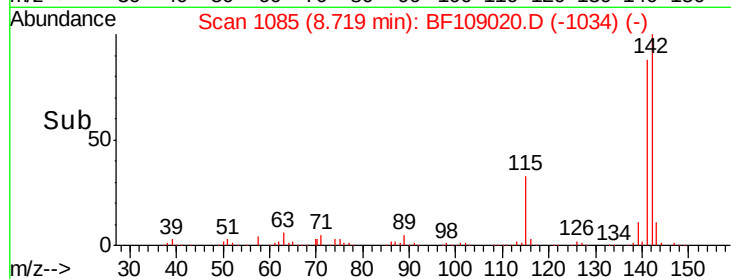
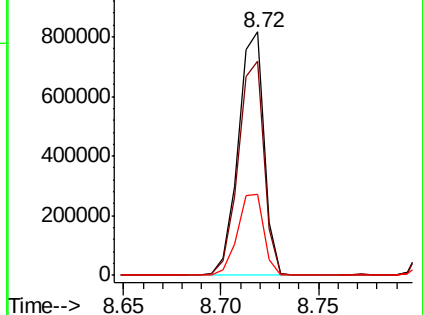


Abundance

Ion 142.00 (141.70 to 142.70): E

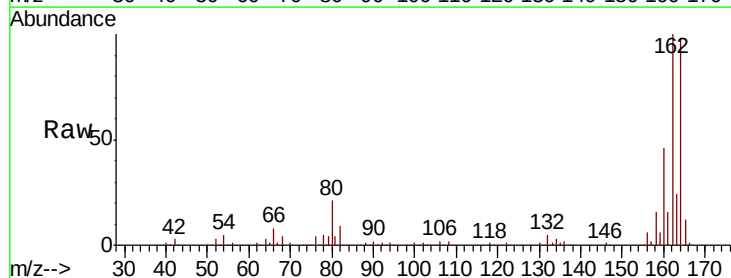
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.6	38.3	57.5

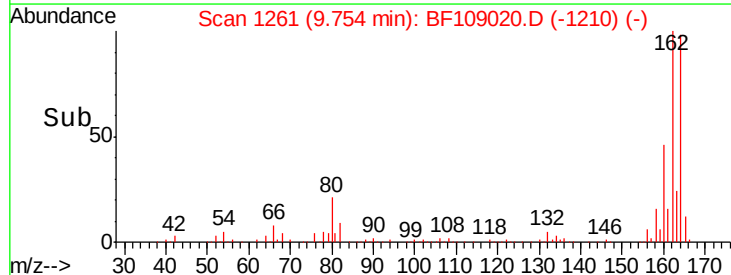
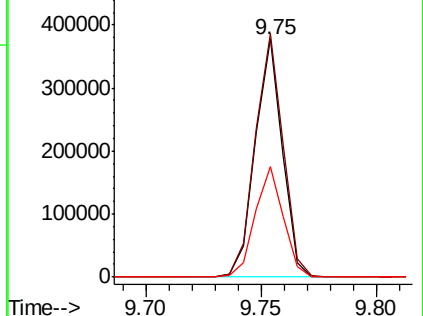


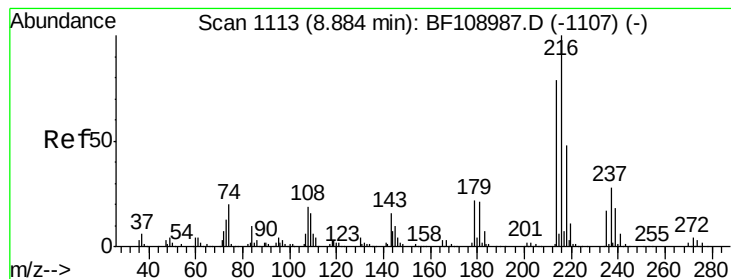
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.746 ng

RT: 8.88 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 216 Resp: 378169

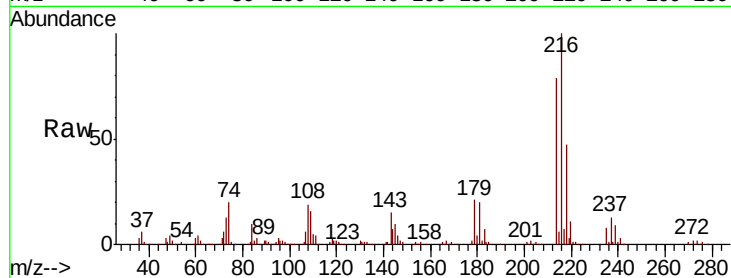
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 21.0 18.1 27.1

108 18.9 17.2 25.8

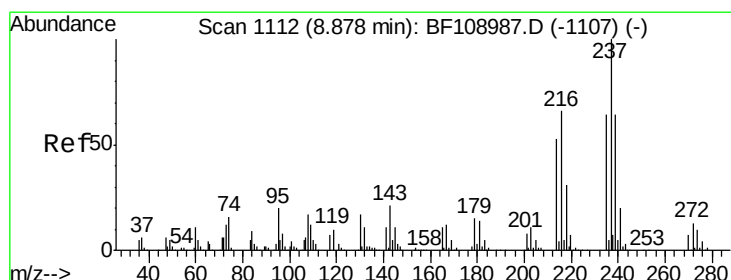
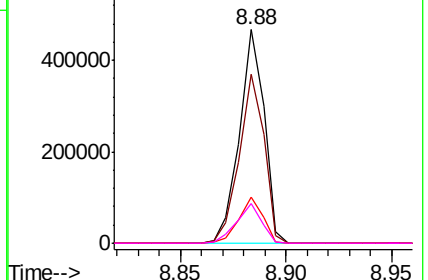
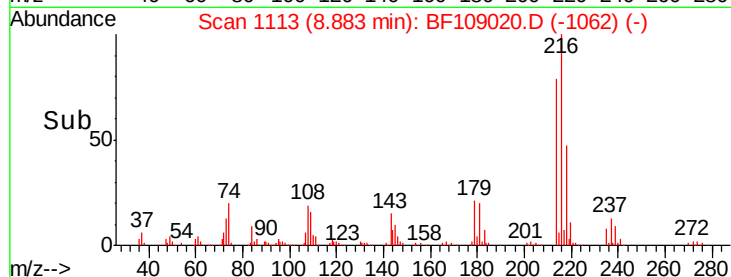


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.481 ng

RT: 8.88 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

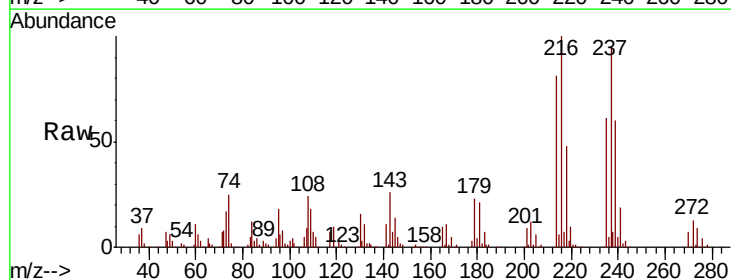
Tgt Ion: 237 Resp: 159727

Ion Ratio Lower Upper

237 100

235 64.4 44.8 84.8

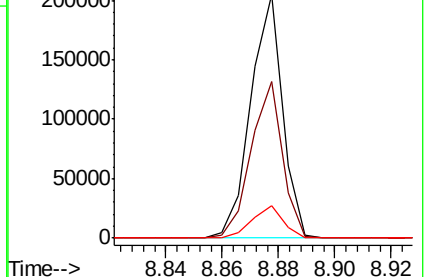
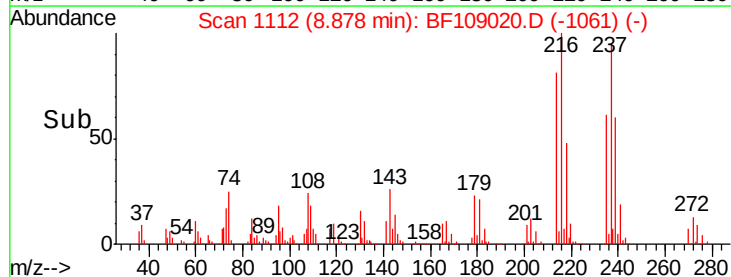
272 13.3 0.0 33.3

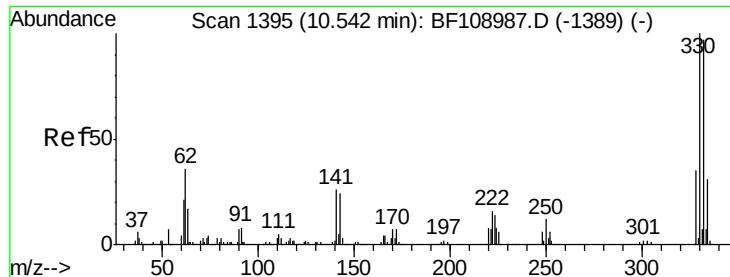


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

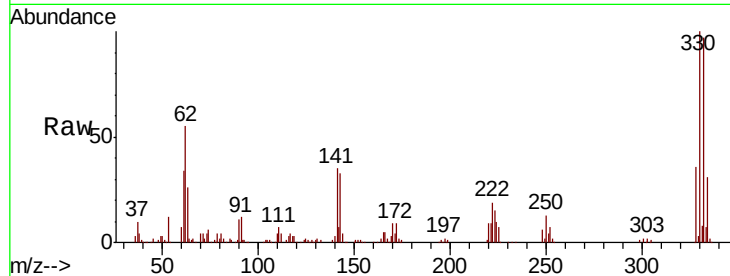




#41
 2,4,6-Tribromophenol
 Concen: 78.938 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.8	29.9	44.9

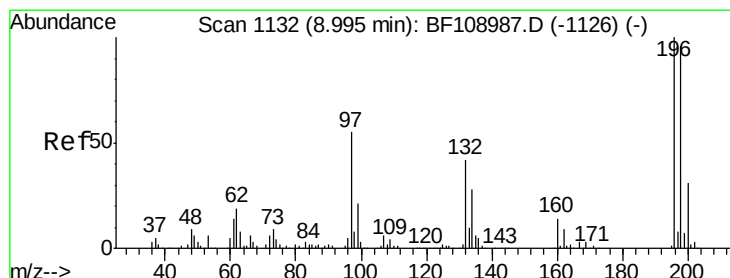
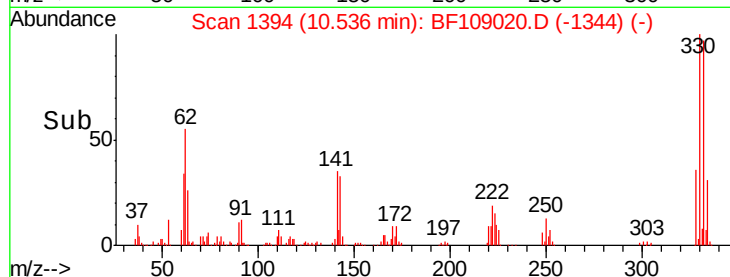
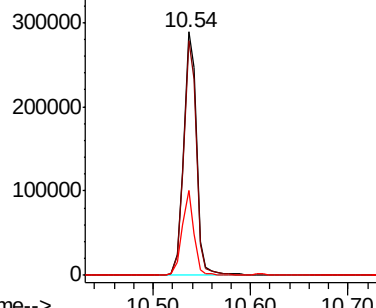


Abundance

Ion 329.80 (329.50 to 330.50): E

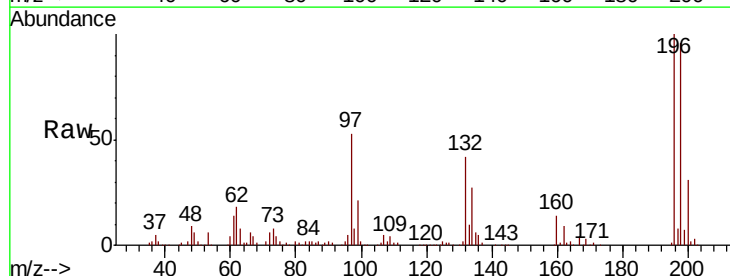
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.863 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	30.6	24.5	36.7

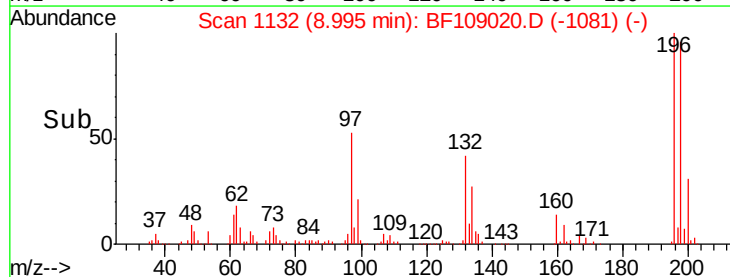
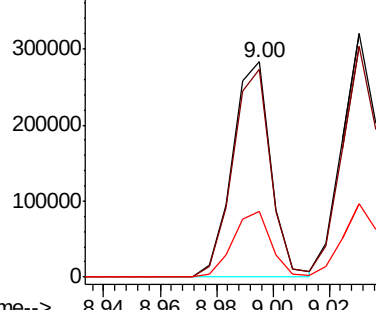


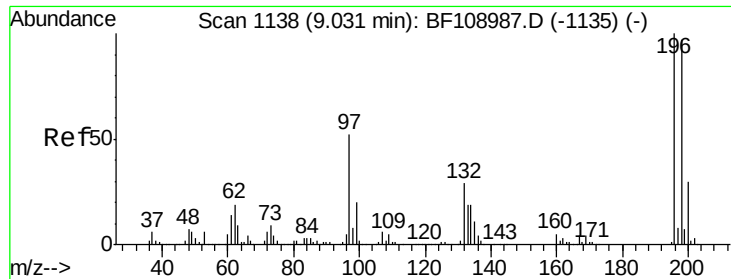
Abundance

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

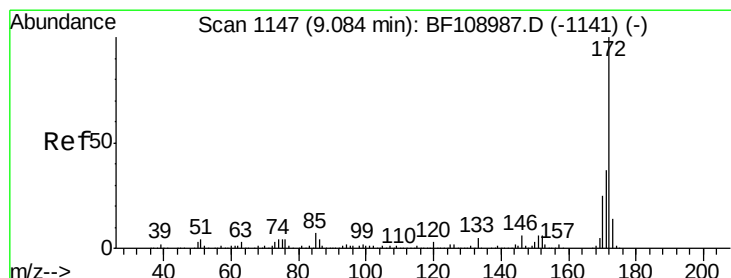
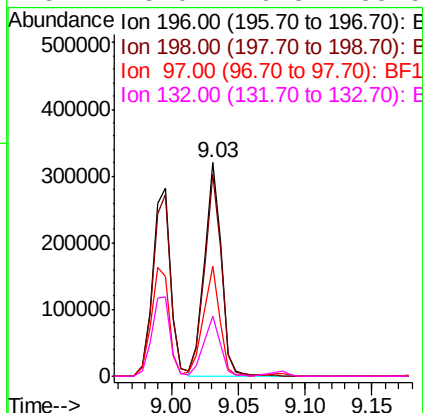
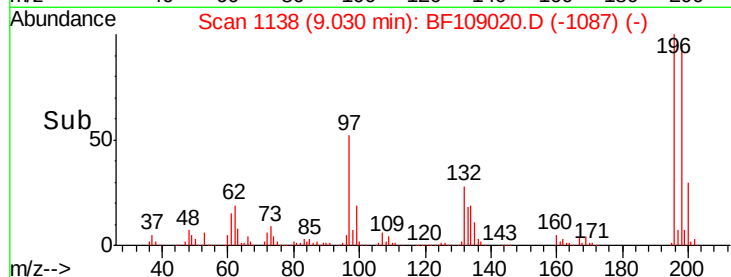
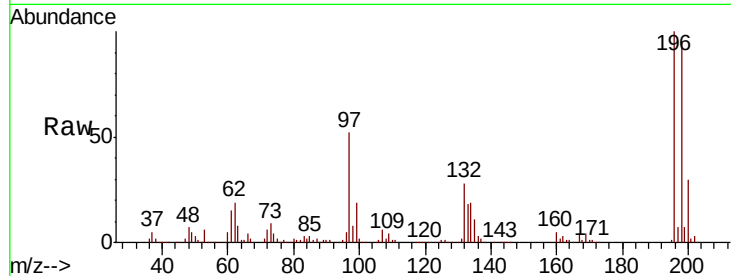




#43
 2,4,5-Trichlorophenol
 Concen: 41.150 ng
 RT: 9.03 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

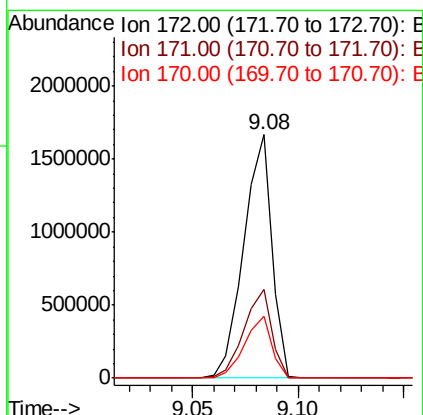
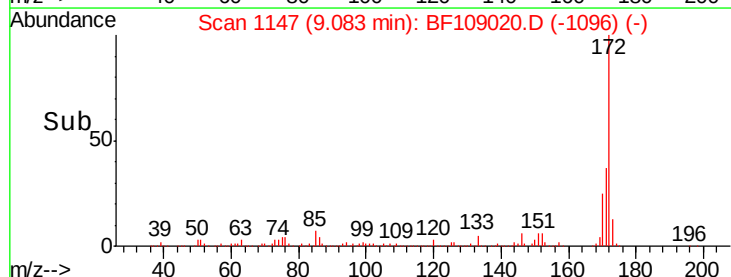
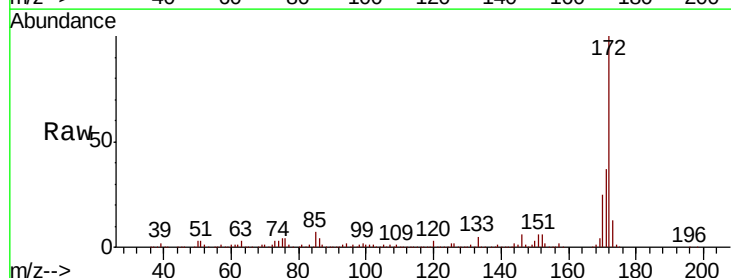
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

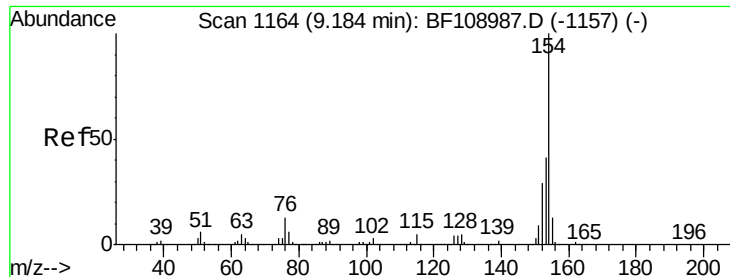
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	51.6	42.9	64.3
132	28.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 78.230 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.4	19.6	29.4

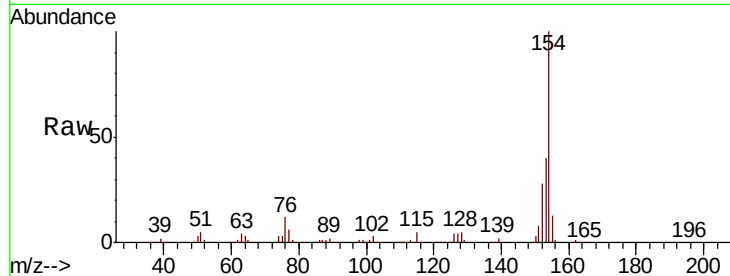




#45
 1,1'-Biphenyl
 Concen: 38.825 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	11.7	0.0	34.0

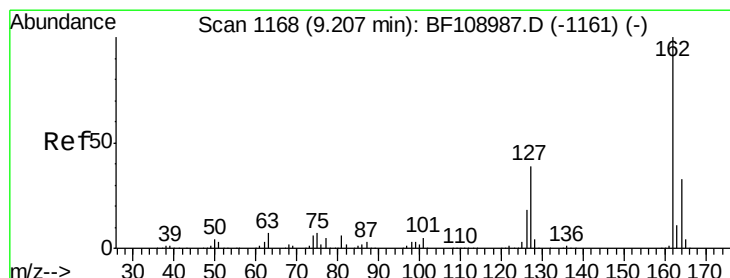
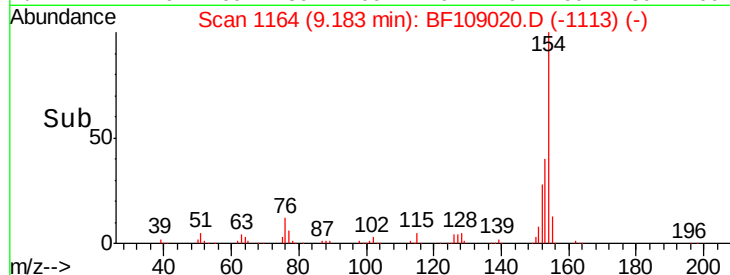
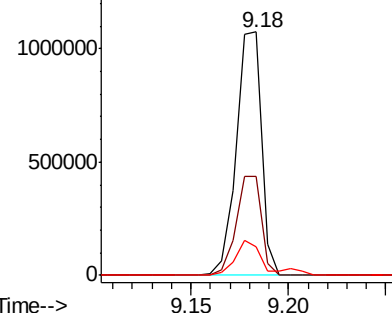


Abundance

Ion 154.00 (153.70 to 154.70): E

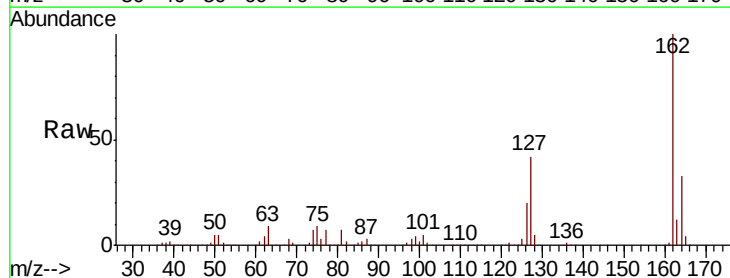
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 39.074 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	32.7	26.5	39.7

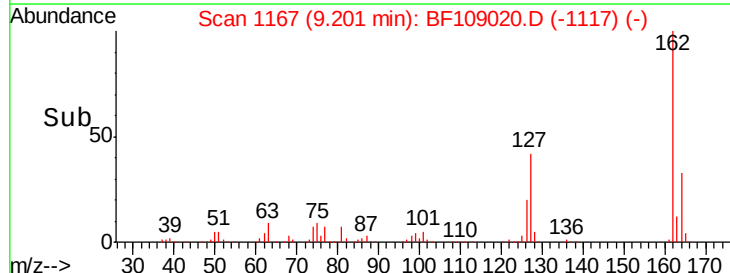
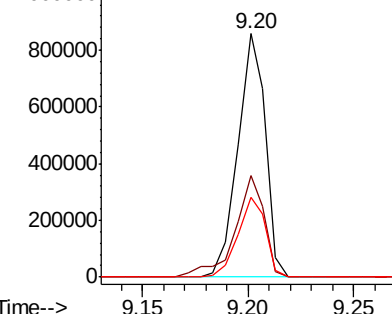


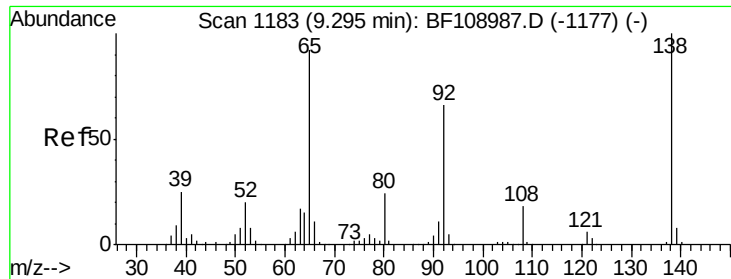
Abundance

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

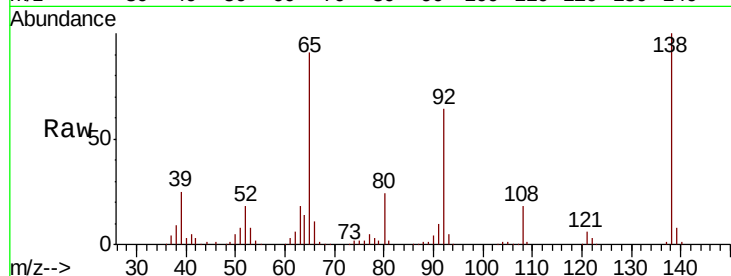




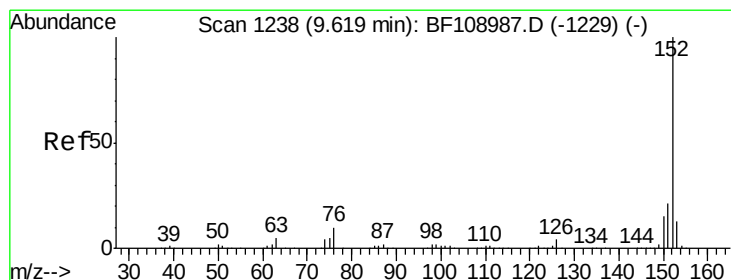
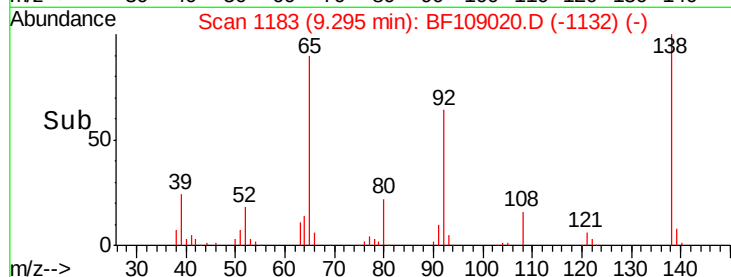
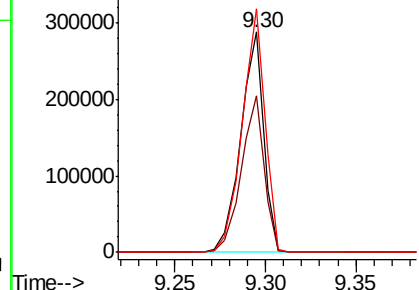
#47
2-Nitroaniline
Concen: 41.452 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 253197
Ion Ratio Lower Upper
65 100
92 71.0 55.8 83.6
138 110.5 91.2 136.8

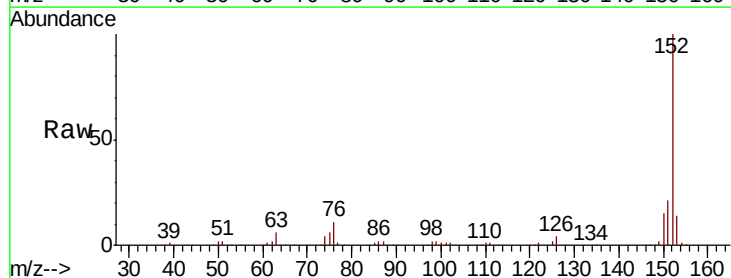


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

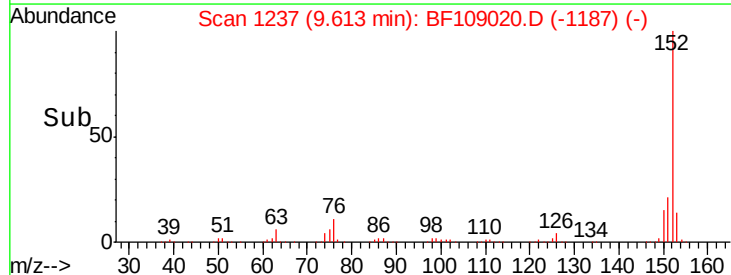
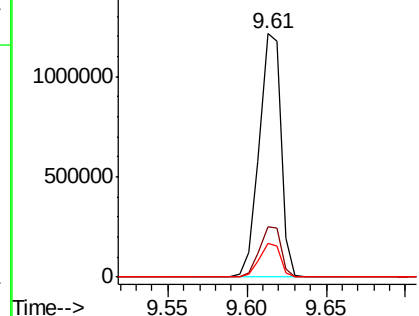


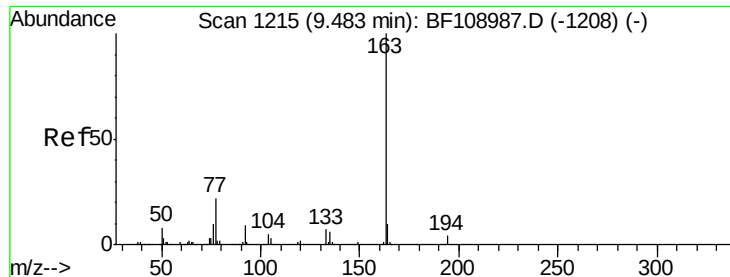
#48
Acenaphthylene
Concen: 38.952 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion: 152 Resp: 1166877
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

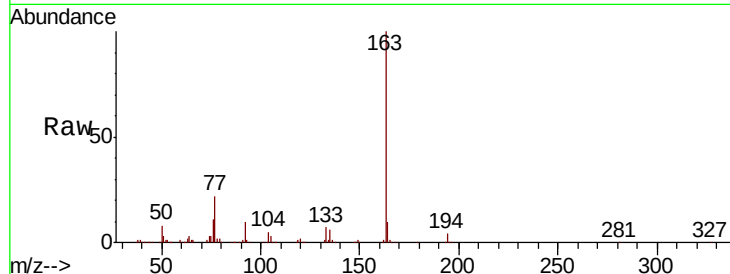




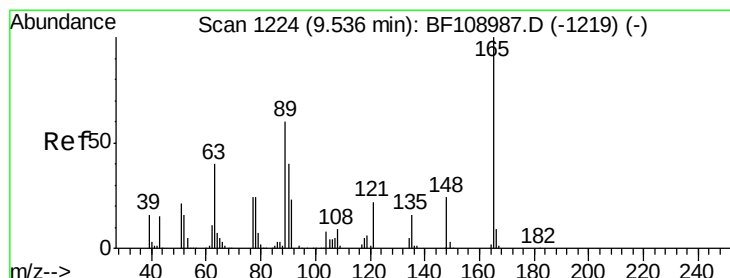
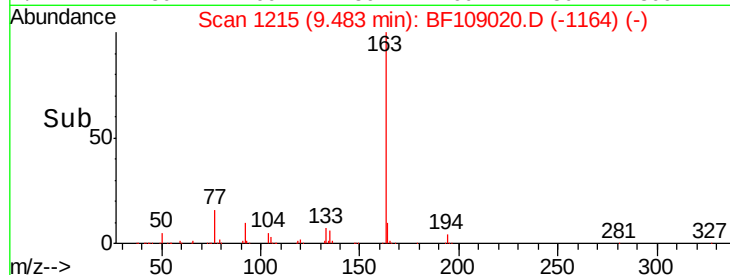
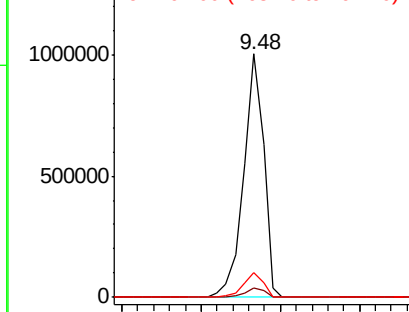
#49
Dimethylphthalate
Concen: 39.553 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2

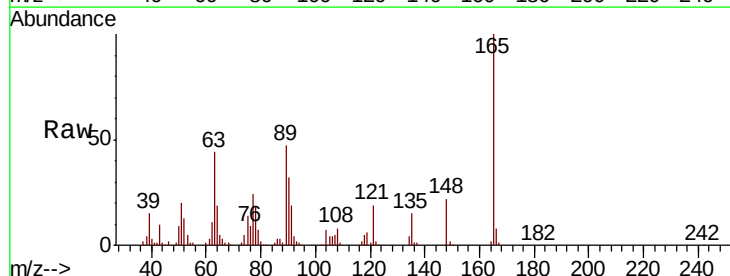


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

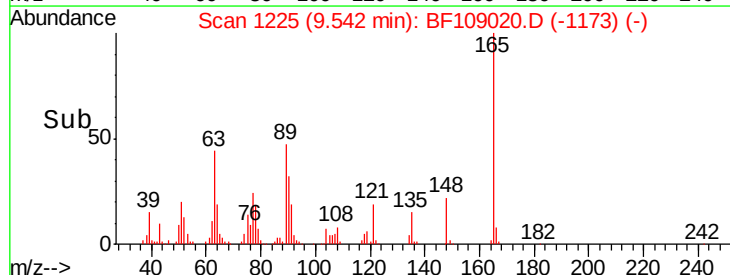
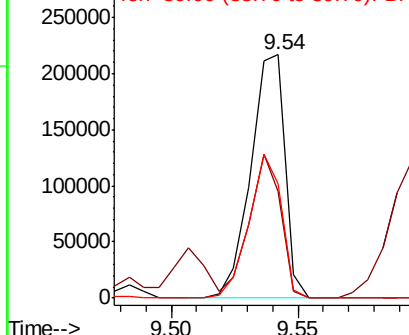


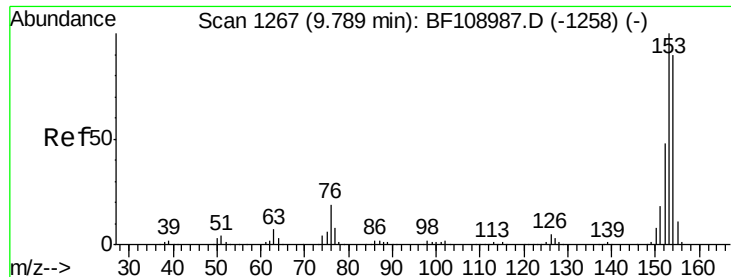
#50
2,6-Dinitrotoluene
Concen: 41.490 ng
RT: 9.54 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	44.7	67.1#
89	47.0	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: 38.581 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

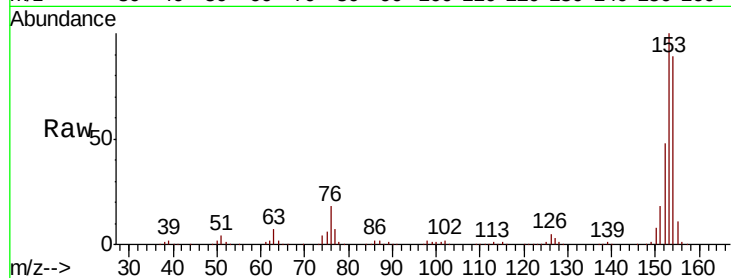
Tgt Ion:154 Resp: 719681

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

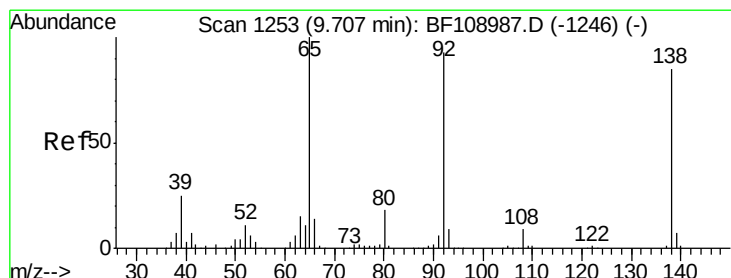
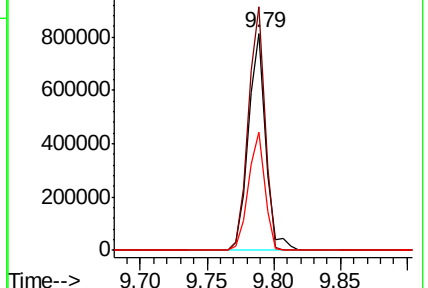
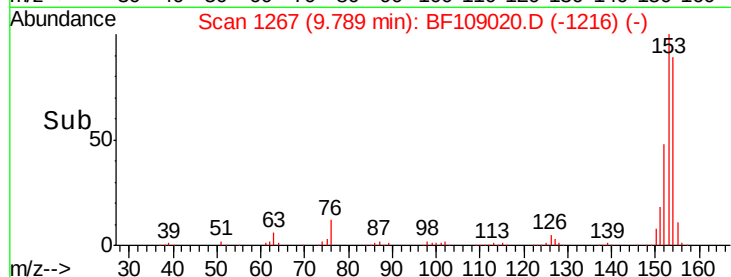
152 54.3 43.8 65.8



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: 40.719 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

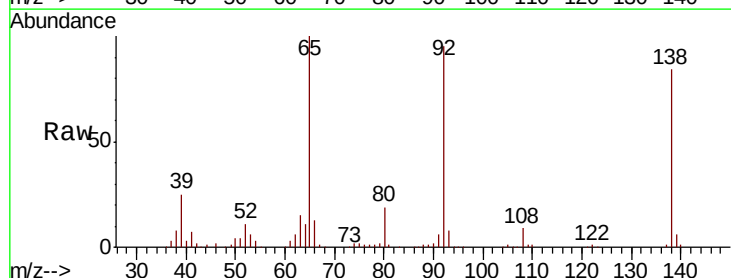
Tgt Ion:138 Resp: 235678

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

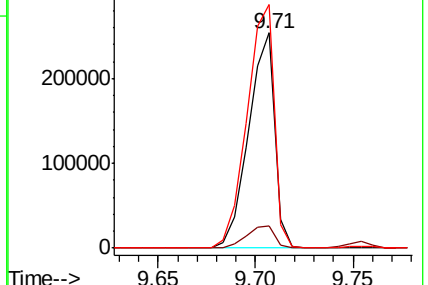
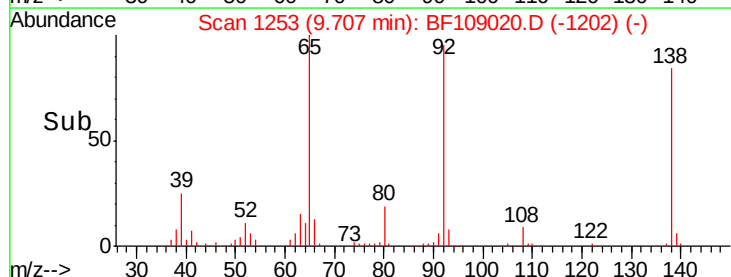
92 113.1 89.4 134.2

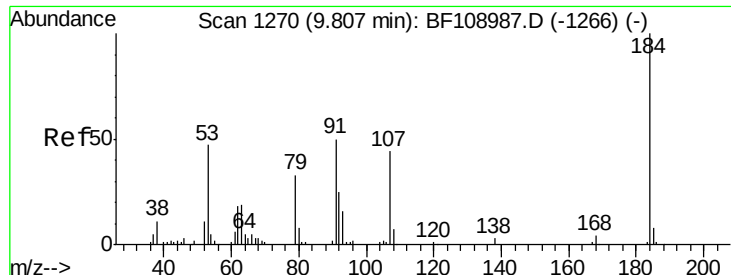


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

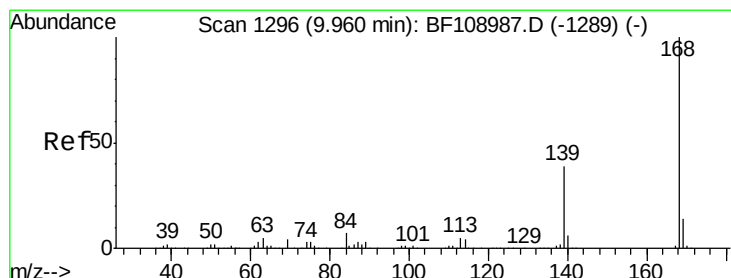
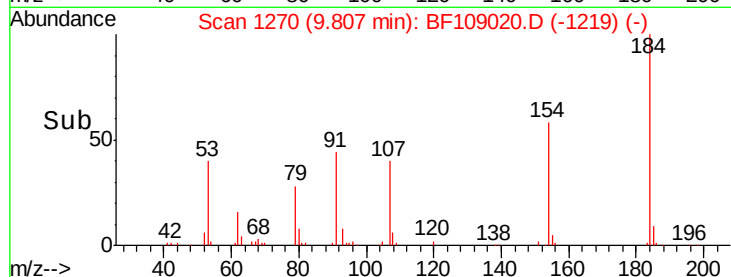
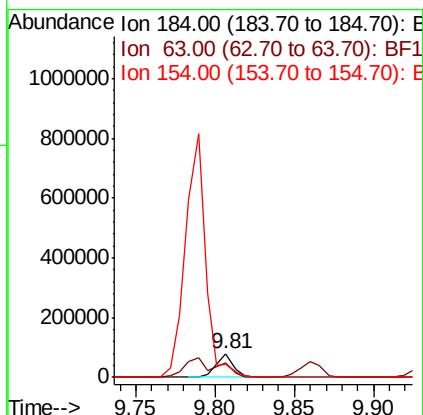
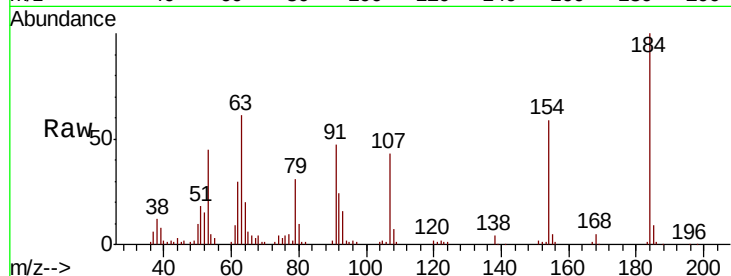




#53
2,4-Dinitrophenol
Concen: 32.365 ng
RT: 9.81 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

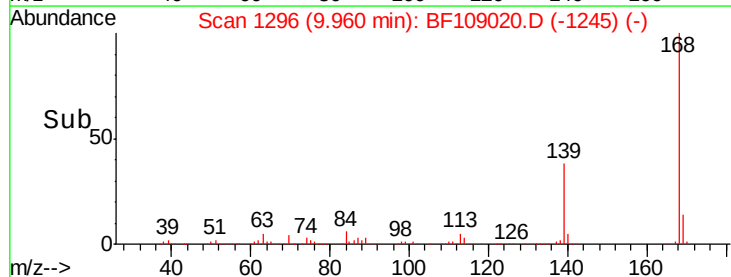
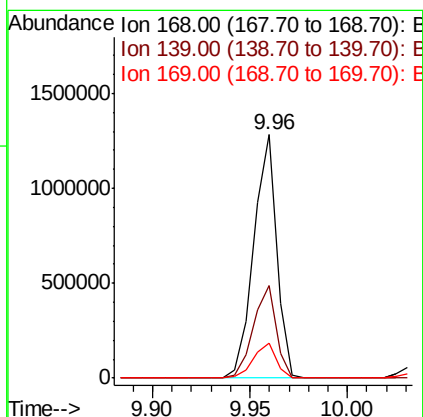
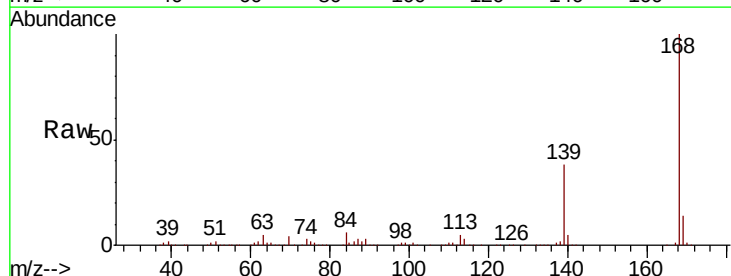
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

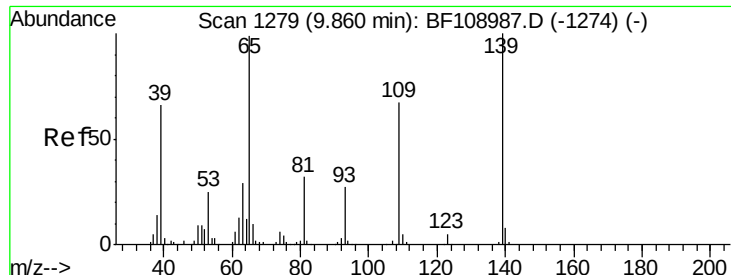
Tgt Ion:184 Resp: 61310
Ion Ratio Lower Upper
184 100
63 60.7 54.2 81.2
154 58.6 184.0 276.0#



#54
Dibenzofuran
Concen: 38.883 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion:168 Resp: 1048136
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.4 10.9 16.3

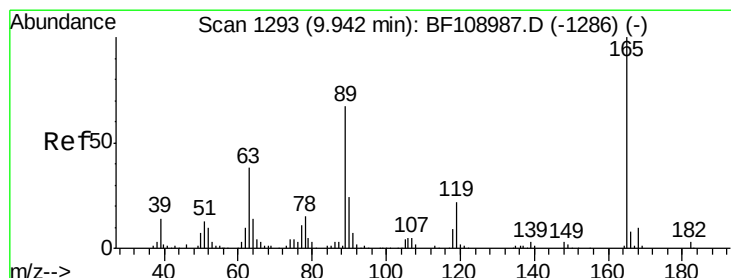
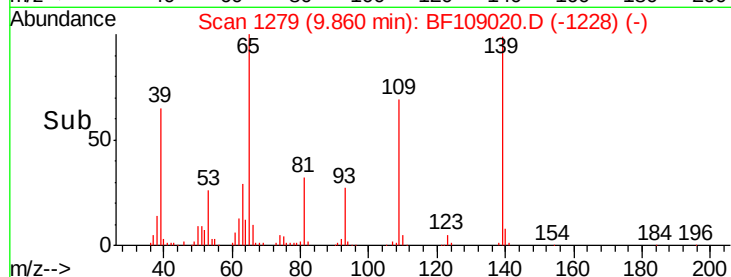
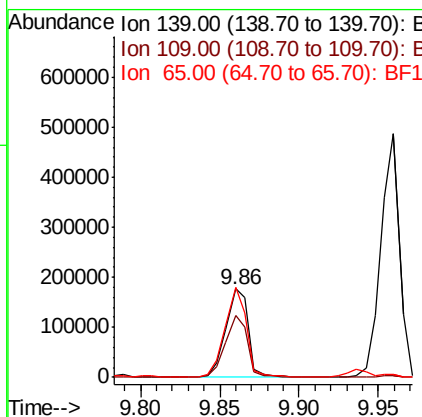
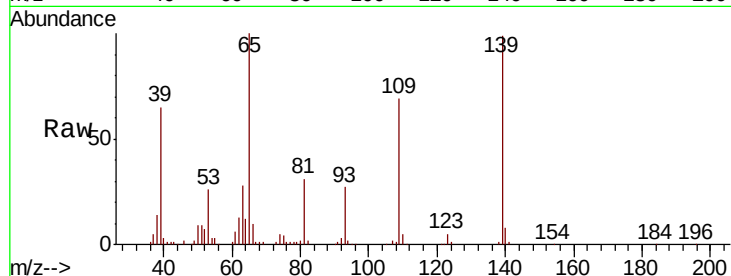




#55
4-Nitrophenol
Concen: 41.310 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

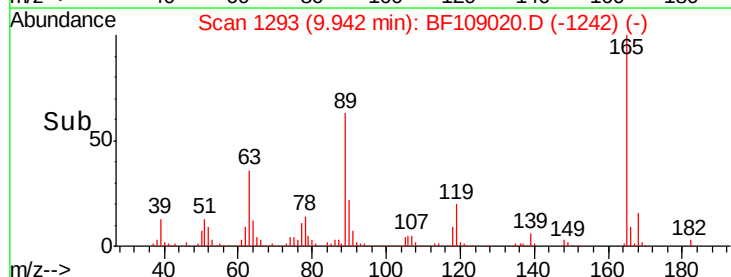
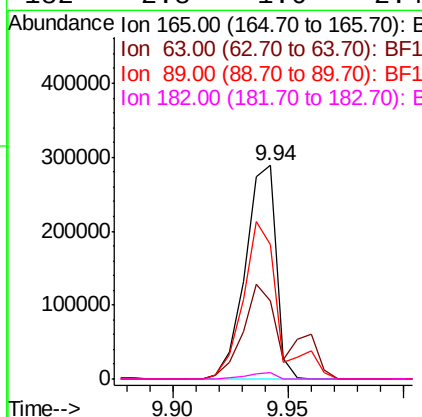
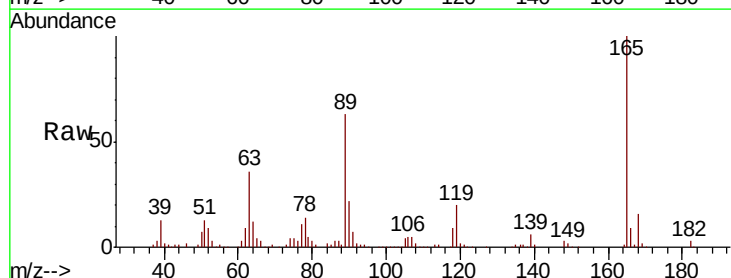
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

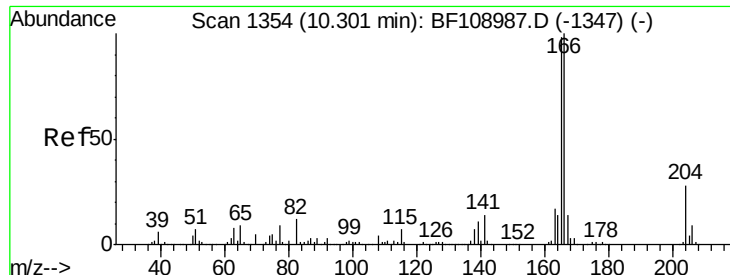
Tgt Ion:139 Resp: 176159
Ion Ratio Lower Upper
139 100
109 69.8 48.4 88.4
65 101.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.974 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion:165 Resp: 269817
Ion Ratio Lower Upper
165 100
63 36.5 36.4 54.6
89 63.2 57.8 86.6
182 2.8 1.6 2.4#





#57

Fluorene

Concen: 40.022 ng

RT: 10.30 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

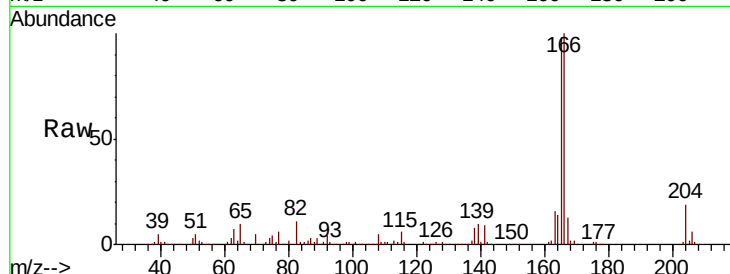
Tgt Ion:166 Resp: 718942

Ion Ratio Lower Upper

166 100

165 97.8 79.8 119.8

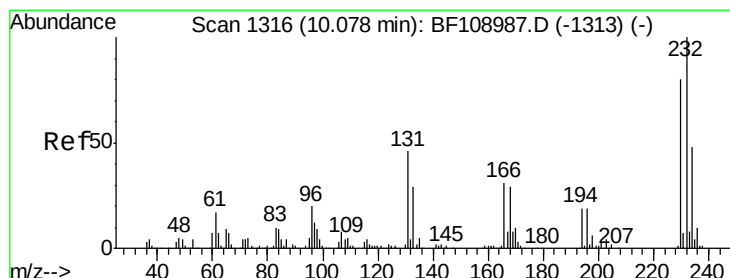
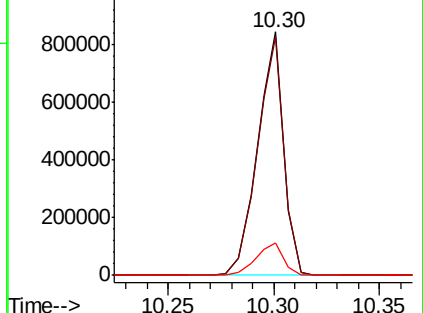
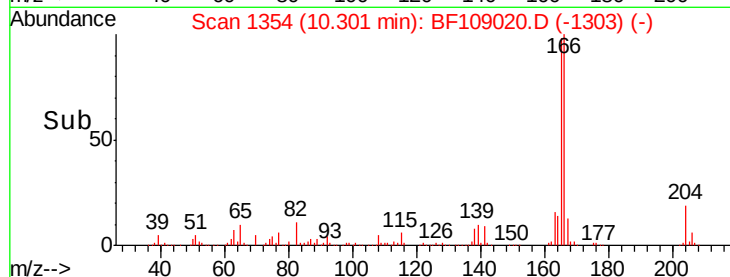
167 13.4 10.6 16.0



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: 40.397 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Tgt Ion:232 Resp: 229316

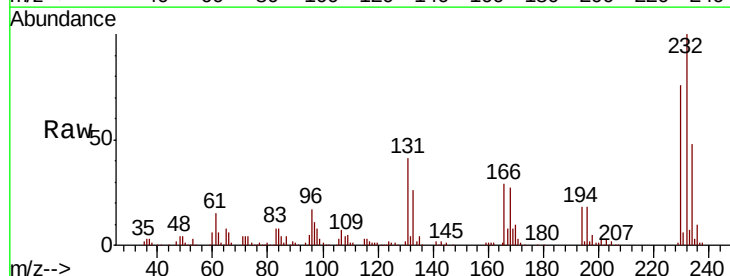
Ion Ratio Lower Upper

232 100

131 44.3 43.8 65.8

130 2.2 2.1 3.1

166 30.1 27.8 41.6

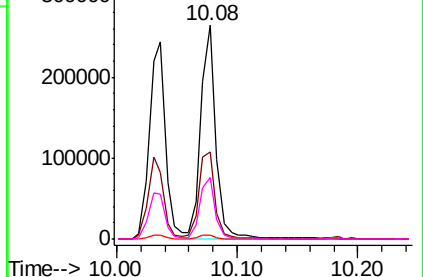
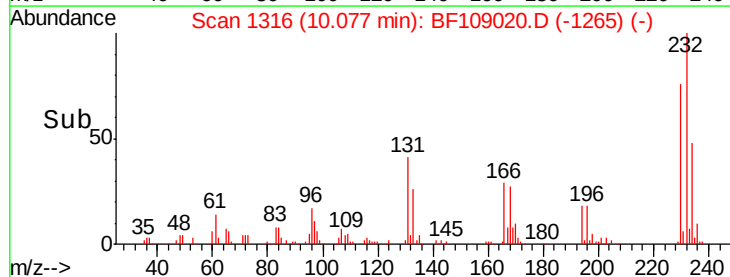


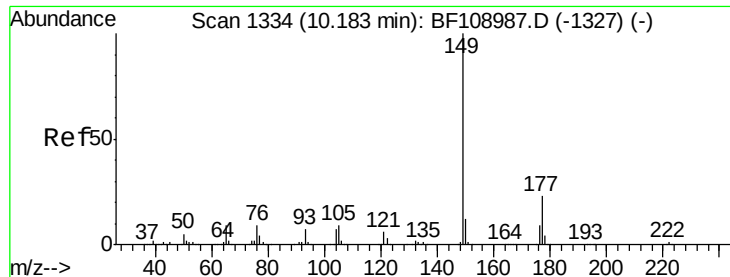
Abundance Ion 232.00 (231.70 to 232.70): E

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

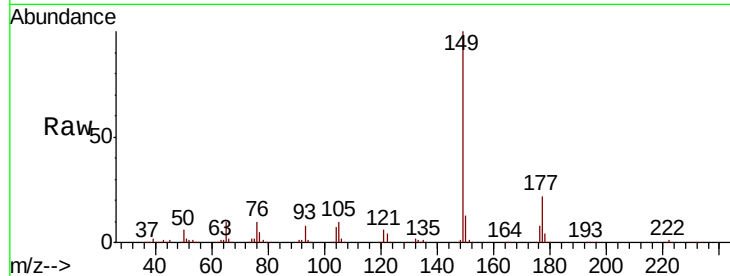




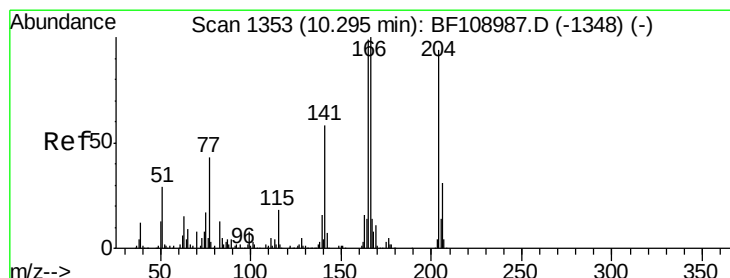
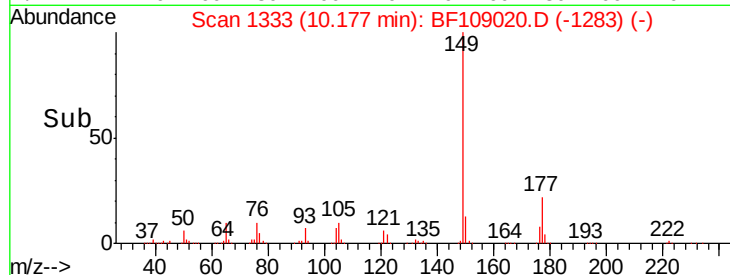
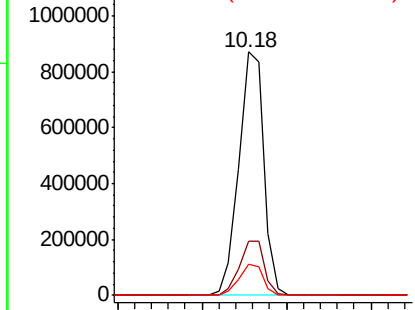
#59
Diethylphthalate
Concen: 40.038 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 896131
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.8 10.1 15.1

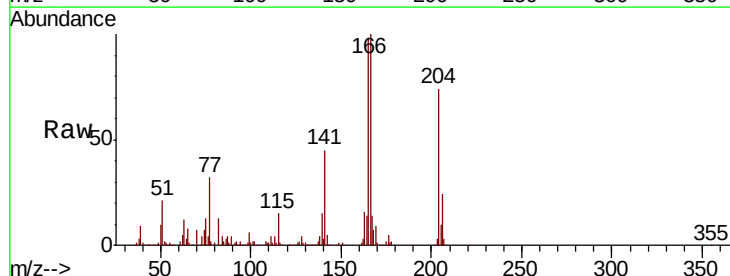


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

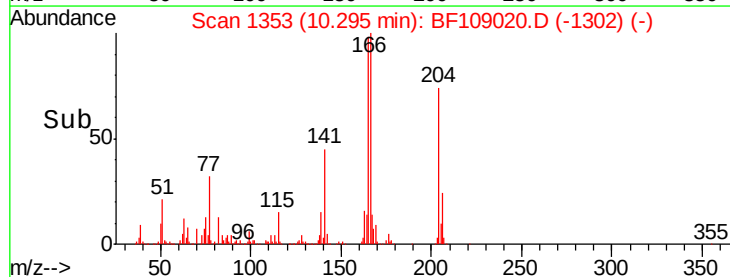
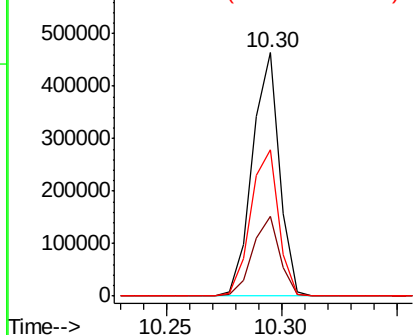


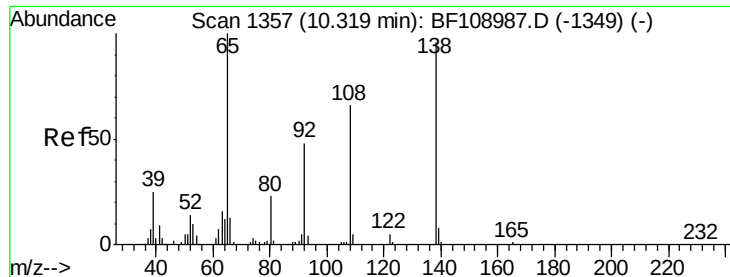
#60
4-Chlorophenyl-phenylether
Concen: 39.622 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion:204 Resp: 381130
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.0 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

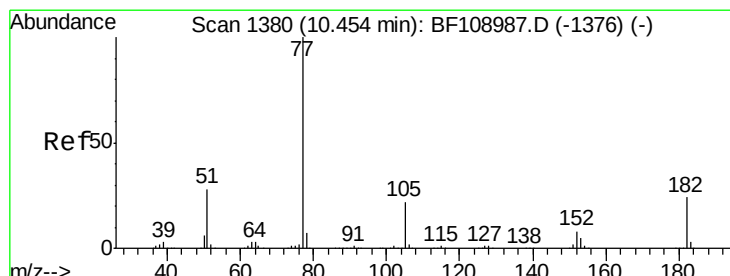
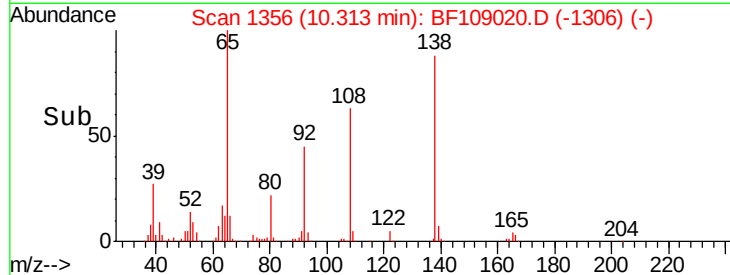
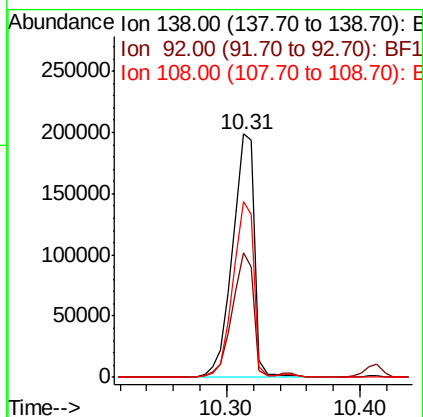
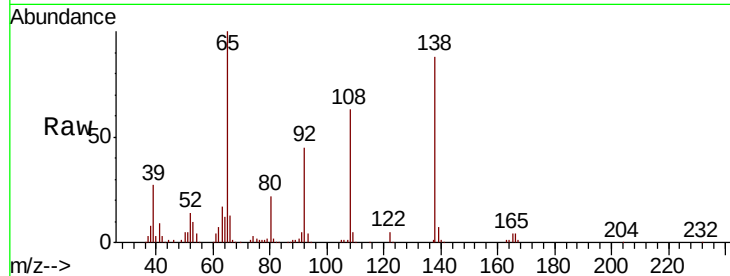




#61
4-Nitroaniline
Concen: 42.007 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

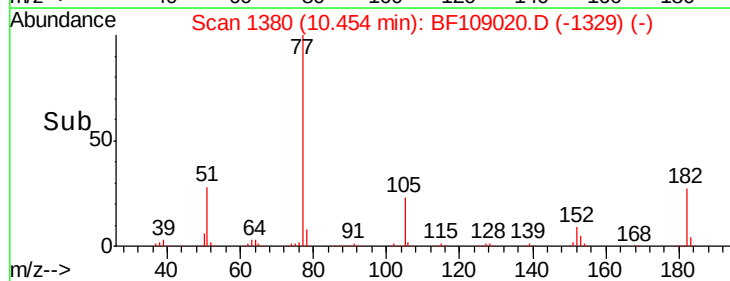
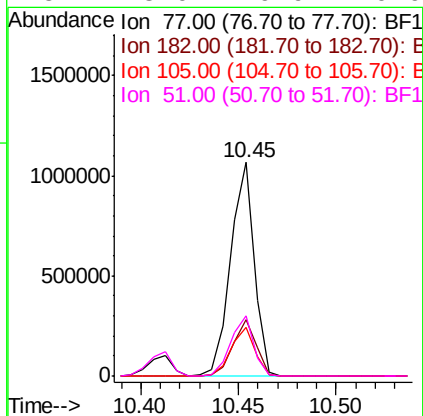
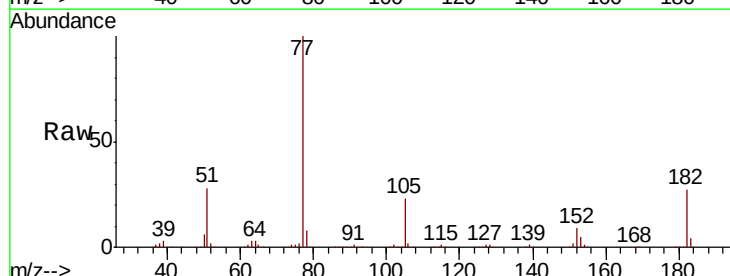
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

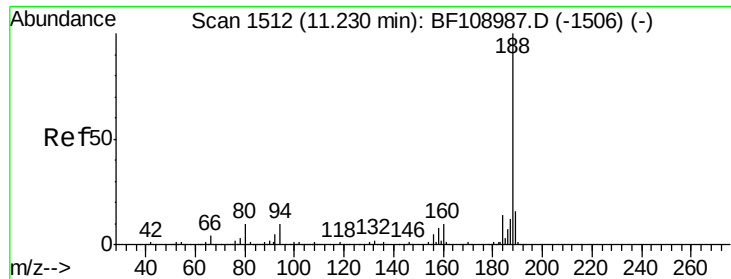
Tgt Ion:138 Resp: 230989
Ion Ratio Lower Upper
138 100
92 51.4 30.2 70.2
108 72.2 52.5 92.5



#62
Azobenzene
Concen: 39.005 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion: 77 Resp: 893641
Ion Ratio Lower Upper
77 100
182 26.6 1.7 41.7
105 22.9 3.0 43.0
51 28.0 9.9 49.9

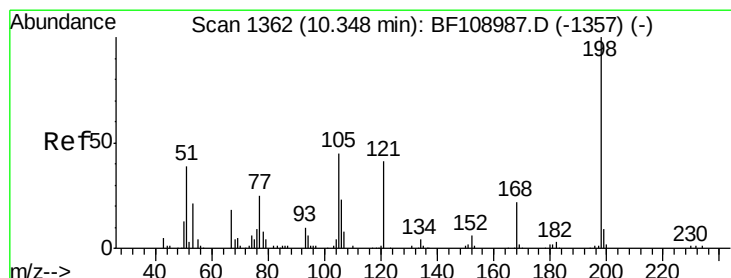
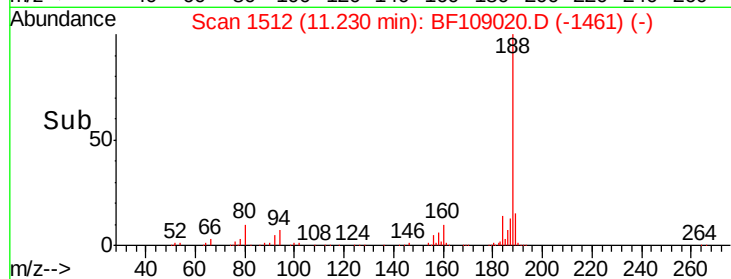
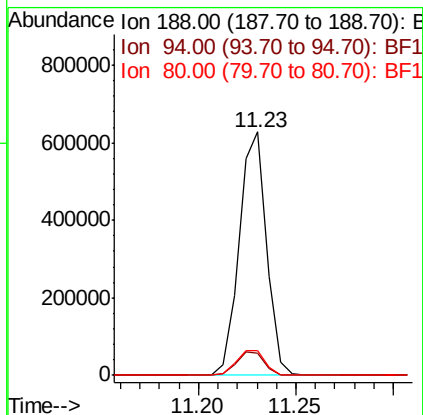
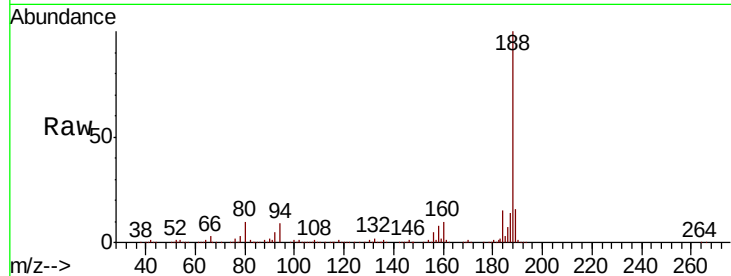




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

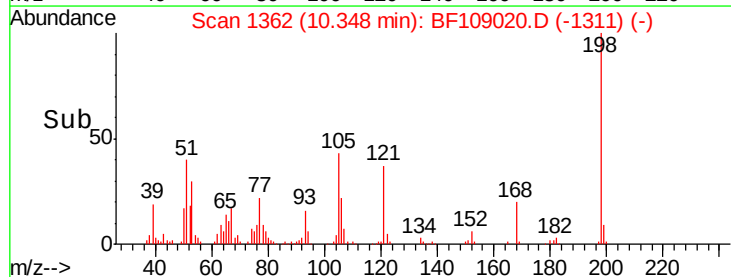
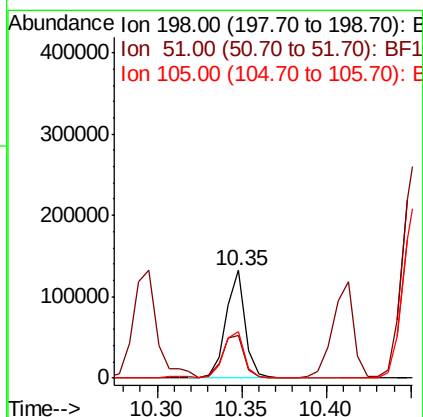
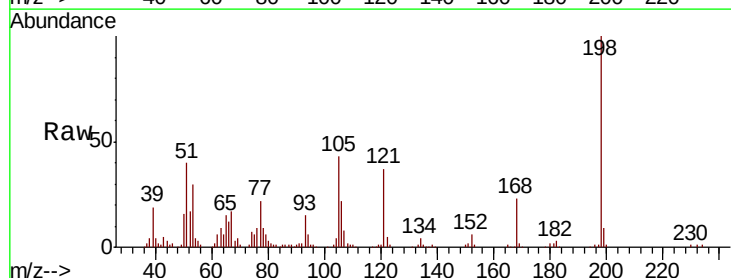
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

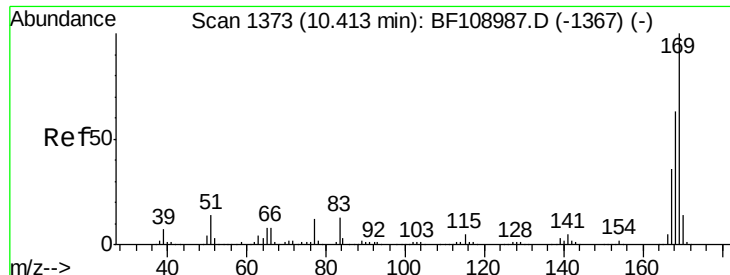
Tgt Ion:188 Resp: 606496
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.675 ng
RT: 10.35 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion:198 Resp: 103522
Ion Ratio Lower Upper
198 100
51 40.2 37.7 77.7
105 42.8 36.3 76.3

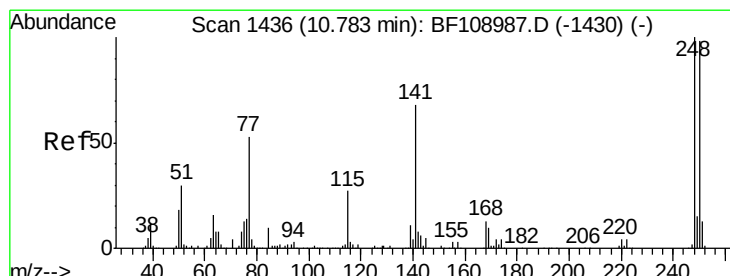
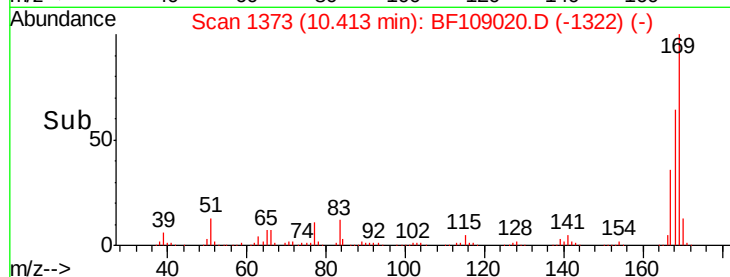
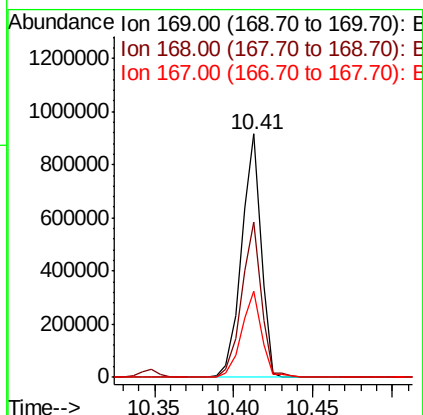
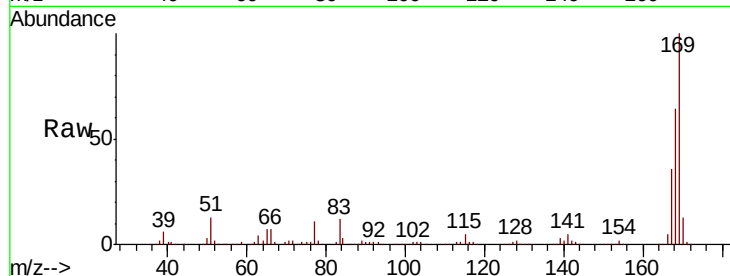




#65
 n-Nitrosodiphenylamine
 Concen: 39.181 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

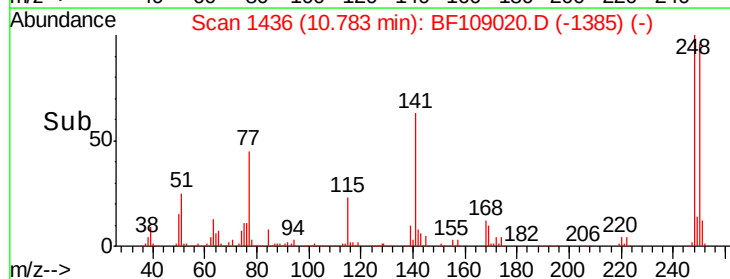
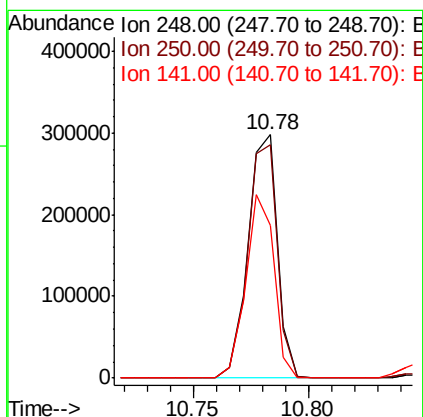
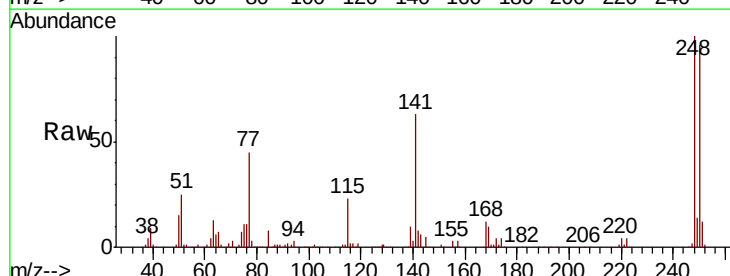
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

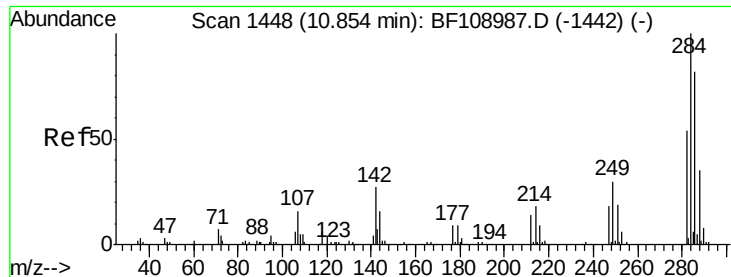
Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.4	81.6
167	35.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 38.925 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	62.7	74.4	111.6#

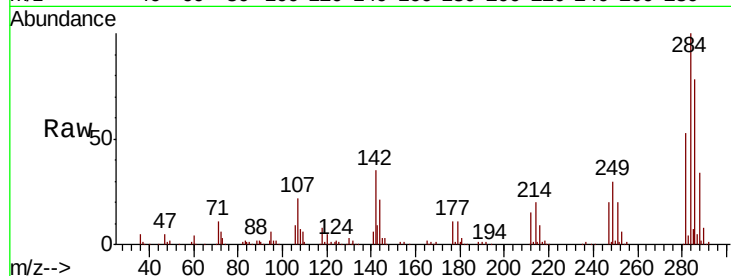




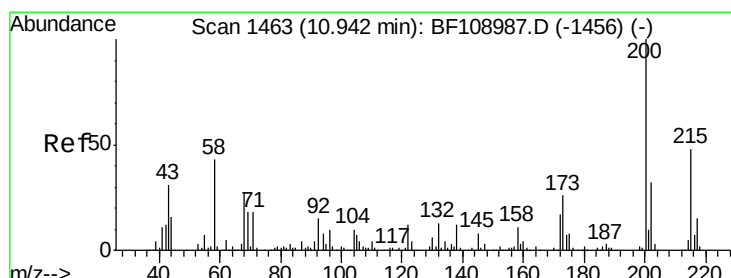
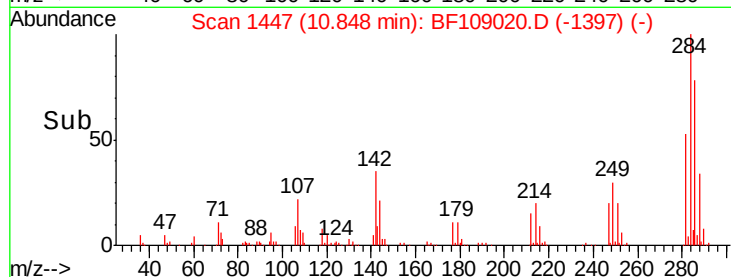
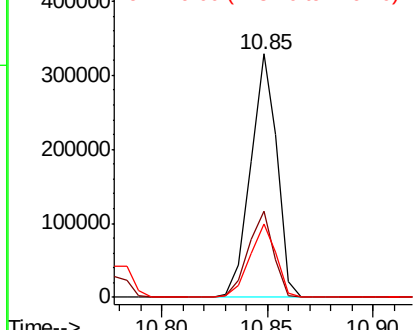
#67
Hexachlorobenzene
Concen: 38.833 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	34.6	52.0
249	30.2	24.8	37.2

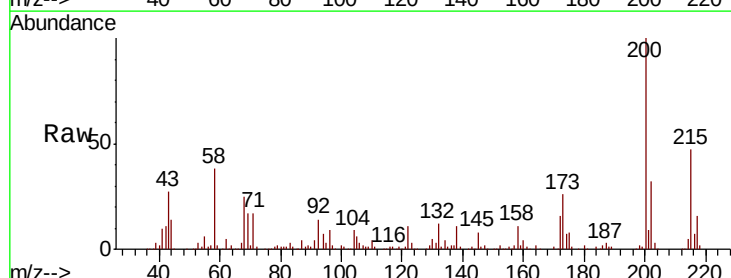


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

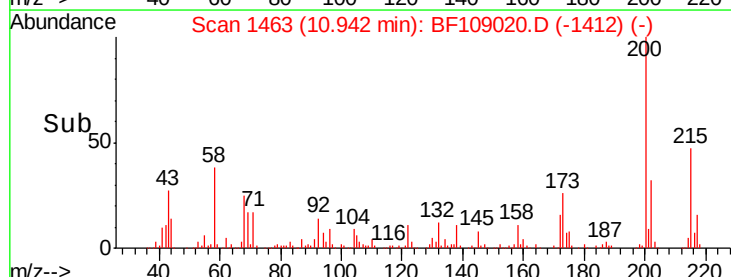
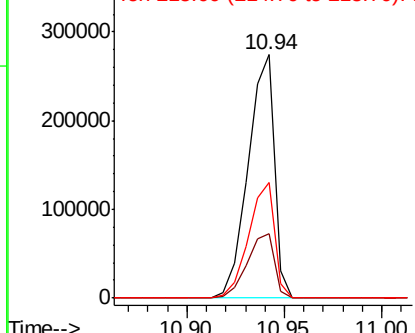


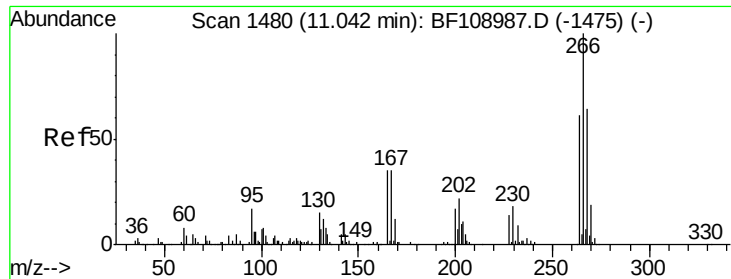
#68
Atrazine
Concen: 40.321 ng
RT: 10.94 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	8.6	48.6
215	47.5	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

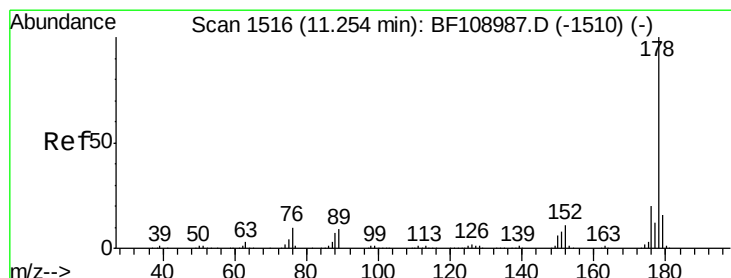
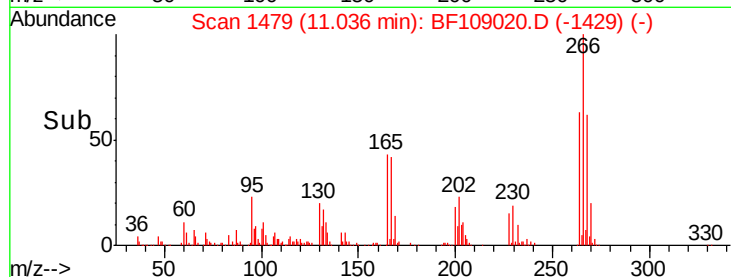
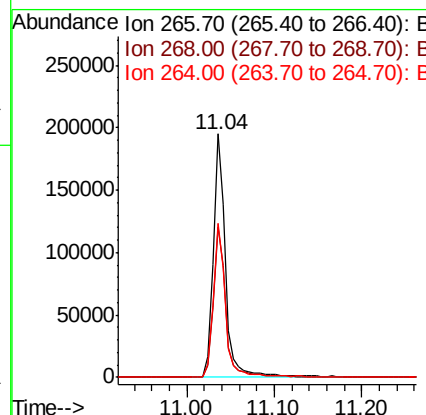
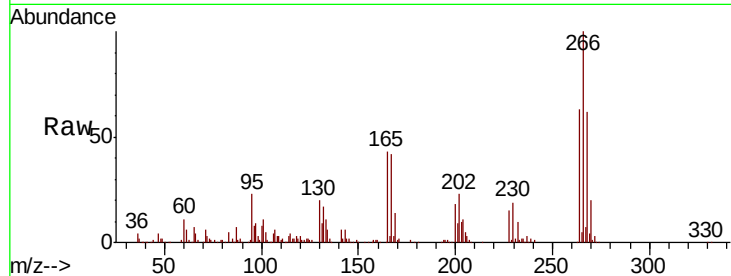




#69
 Pentachlorophenol
 Concen: 40.731 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

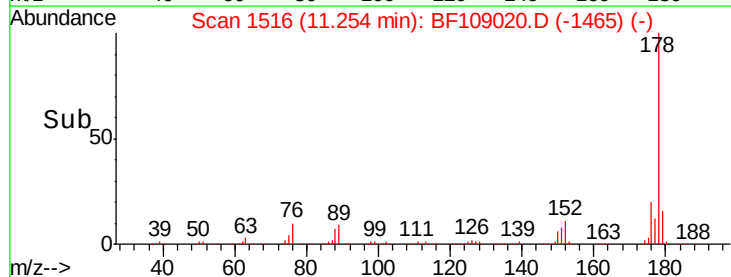
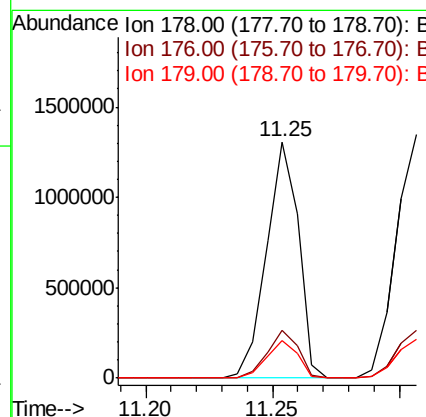
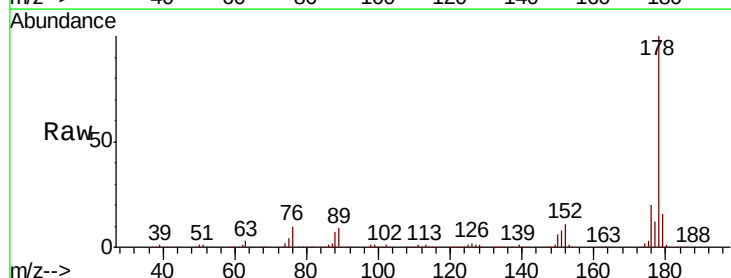
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

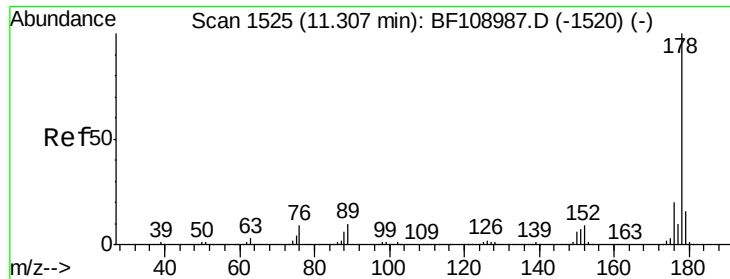
Tgt Ion: 266 Resp: 190589
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 38.967 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion: 178 Resp: 1158508
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.9 13.0 19.6

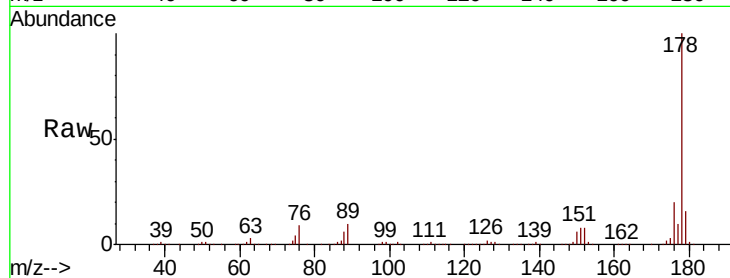




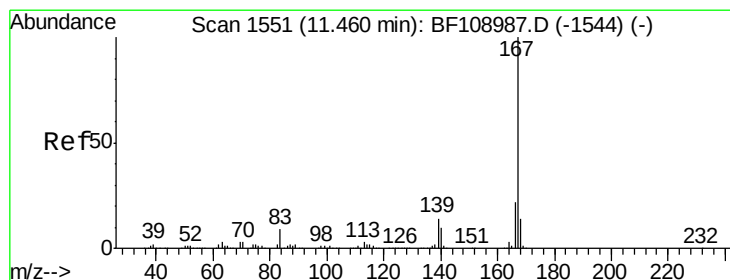
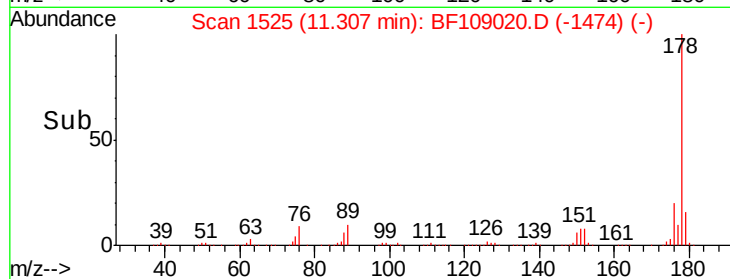
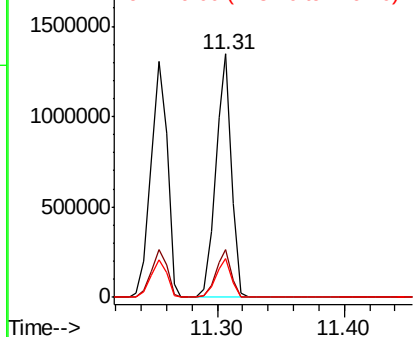
#71
 Anthracene
 Concen: 38.731 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1167274
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.9 12.6 19.0

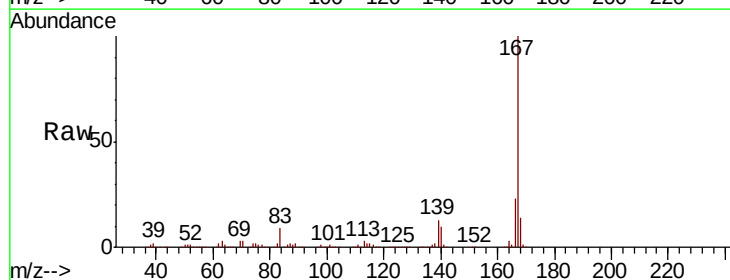


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

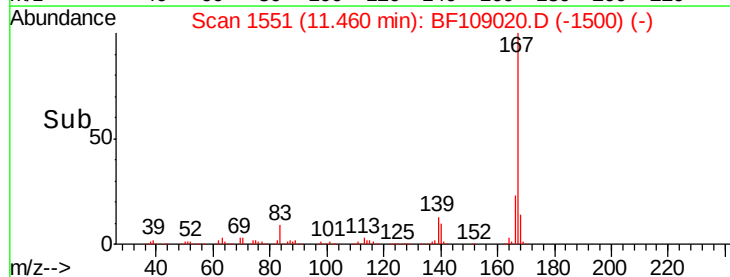
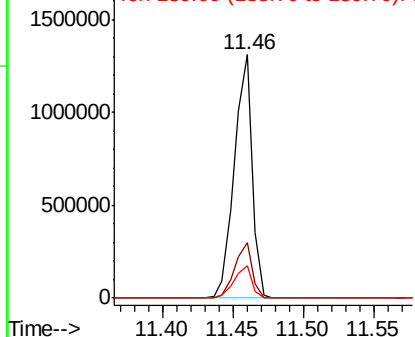


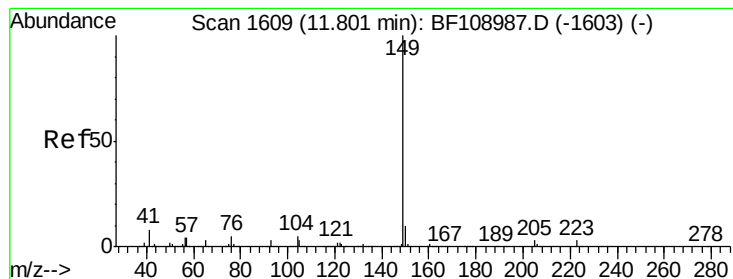
#72
 Carbazole
 Concen: 38.767 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion:167 Resp: 1156553
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.3 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: 38.333 ng

RT: 11.80 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

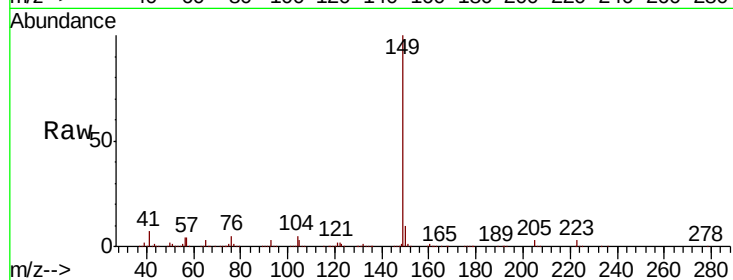
Tgt Ion:149 Resp: 1338694

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

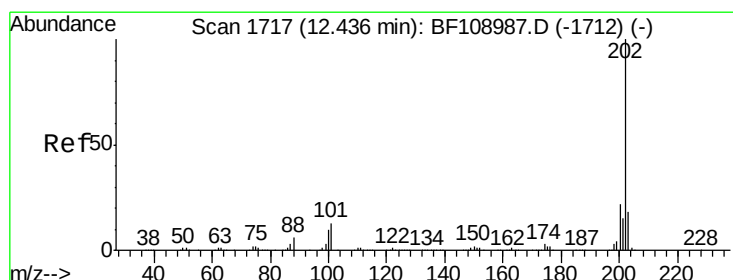
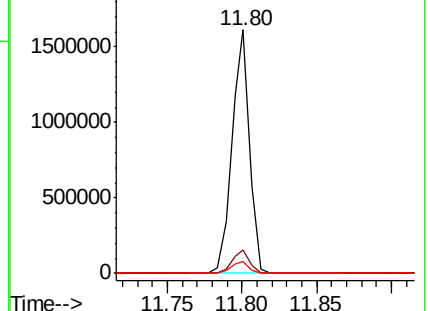
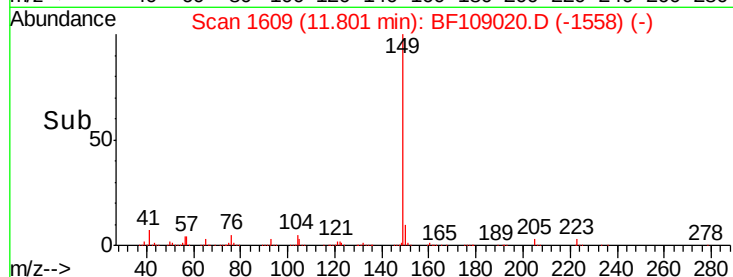
104 5.0 3.8 5.8



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: 37.757 ng

RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

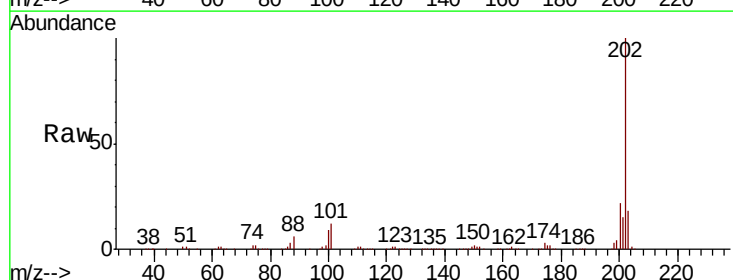
Tgt Ion:202 Resp: 1185065

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

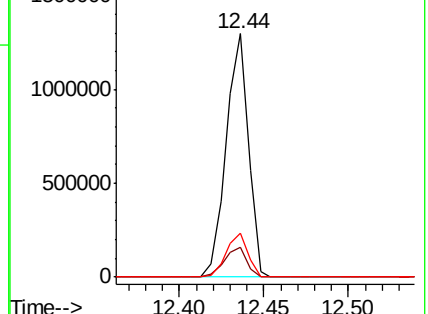
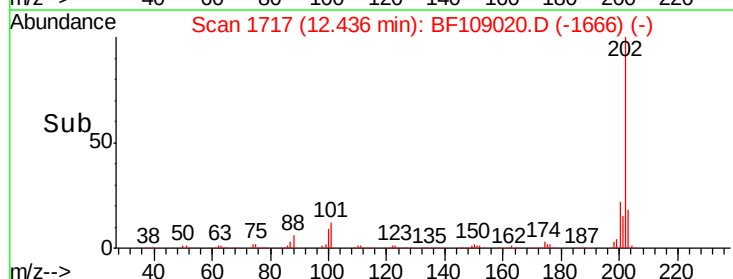
203 17.8 0.0 38.1

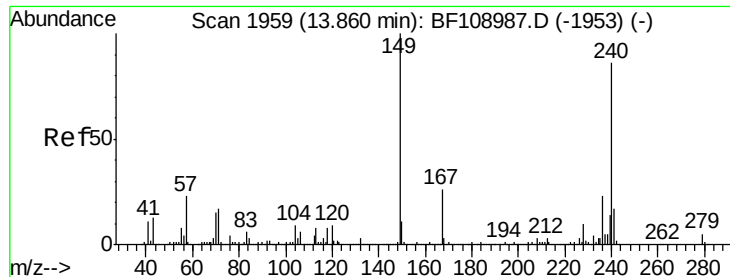


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

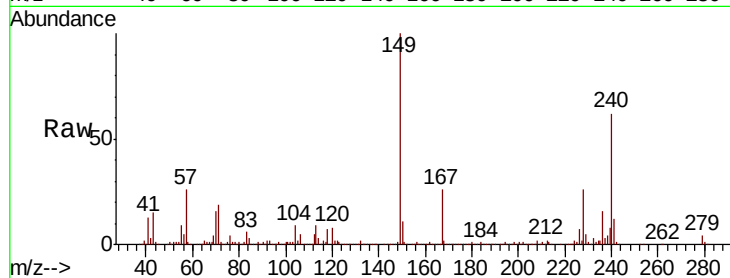
Tgt Ion:240 Resp: 382946

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

236 25.2 20.7 31.1

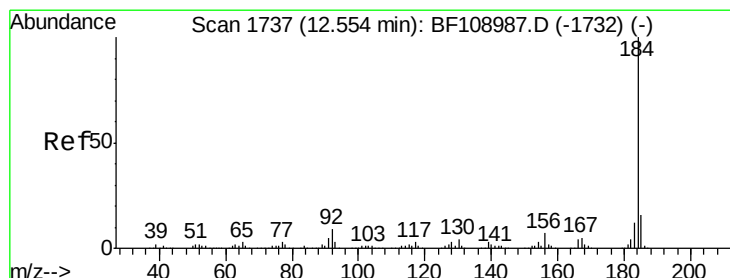
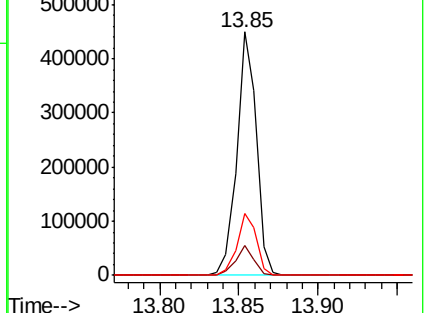
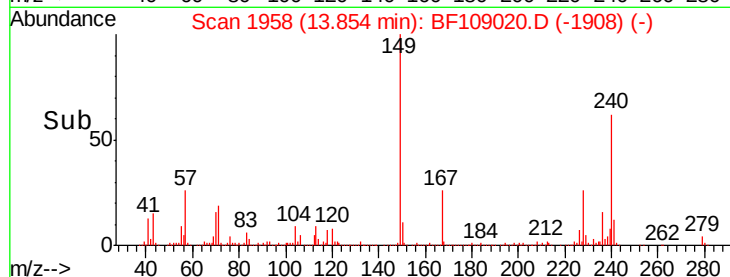


Abundance

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: 46.167 ng

RT: 12.55 min Scan# 1737

Delta R.T. 0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

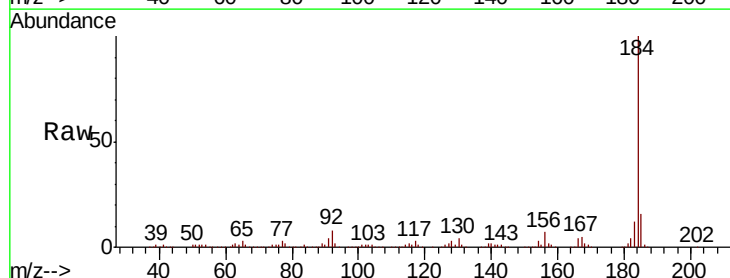
Tgt Ion:184 Resp: 625823

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

183 11.9 9.3 13.9

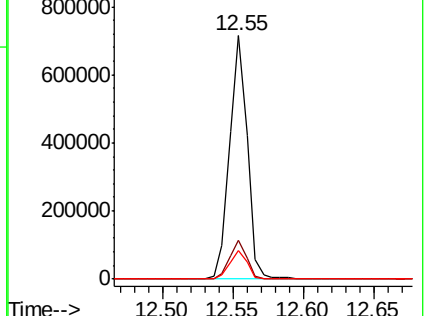
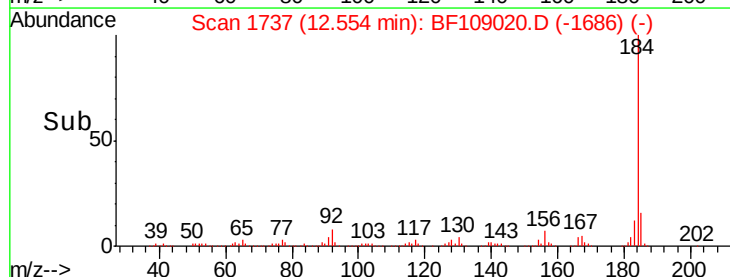


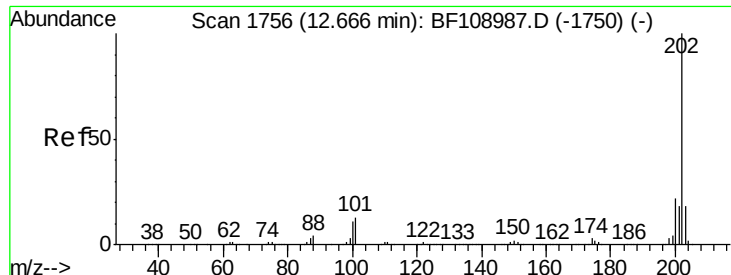
Abundance

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



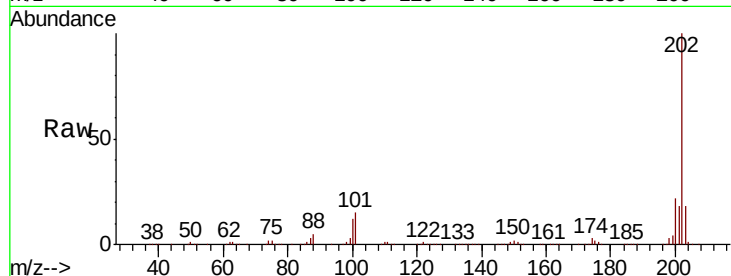


#77
 Pyrene
 Concen: 42.487 ng
 RT: 12.66 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

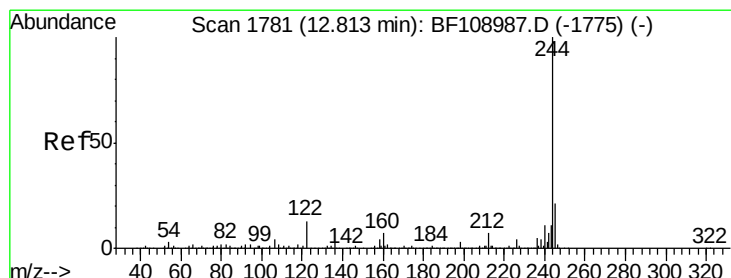
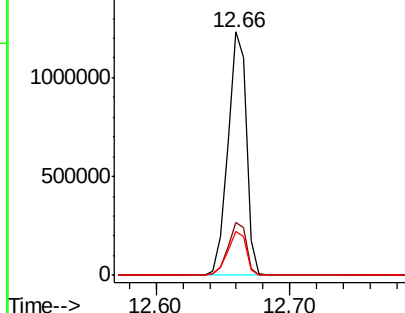
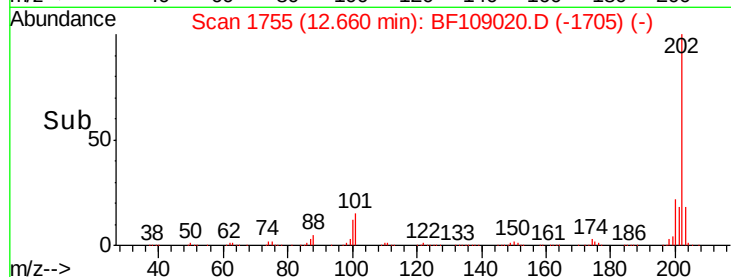
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1208534

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.2	14.3	21.5



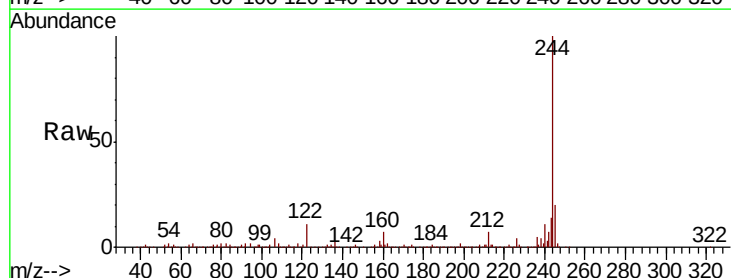
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



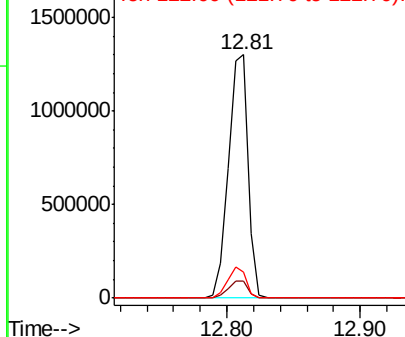
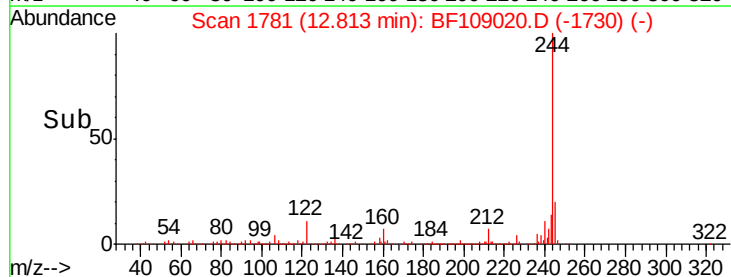
#78
 Terphenyl-d14
 Concen: 83.640 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

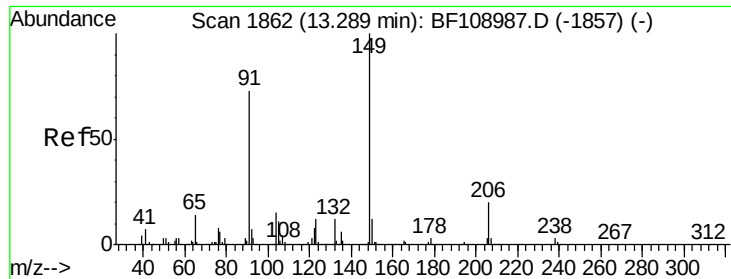
Tgt Ion: 244 Resp: 1351314

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	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

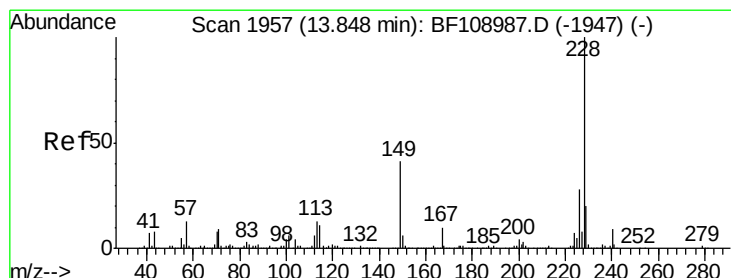
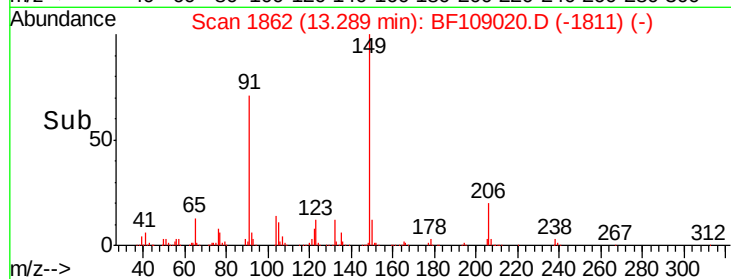
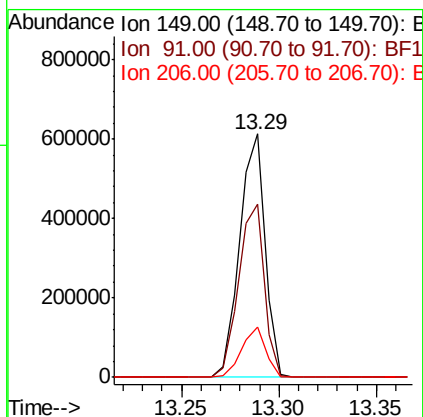
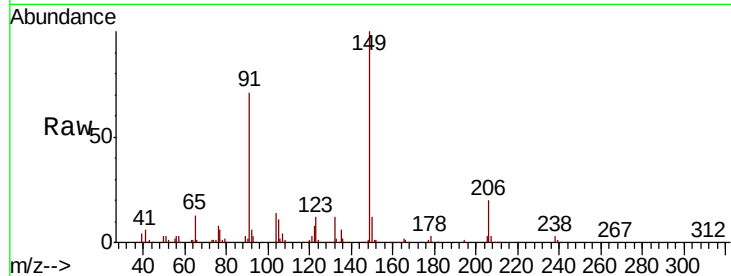




#79
Butylbenzylphthalate
Concen: 43.553 ng
RT: 13.29 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

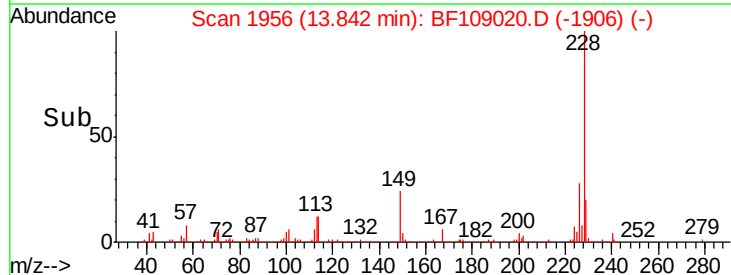
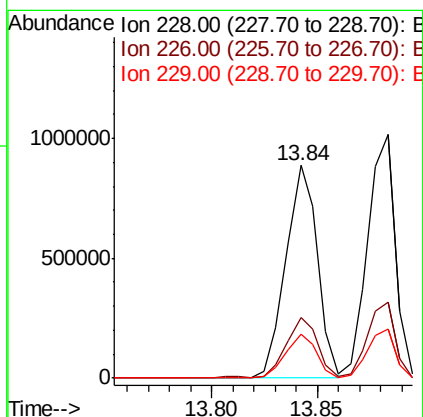
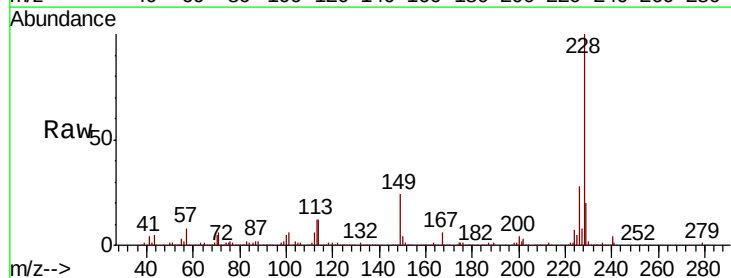
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

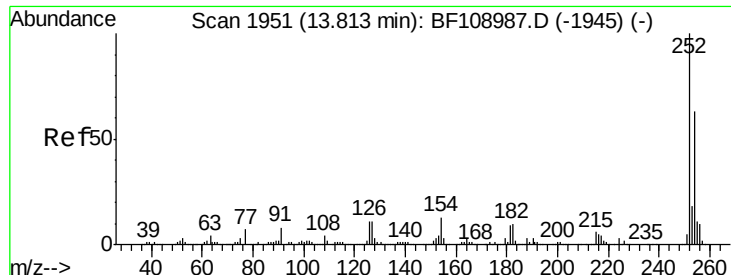
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	56.8	85.2
206	20.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.076 ng
RT: 13.84 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF109020.D
Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.5	15.8	23.6

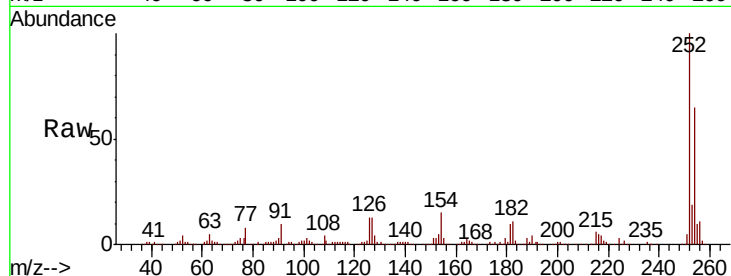




#81
 3,3'-Dichlorobenzidine
 Concen: 40.899 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	13.2	11.3	16.9

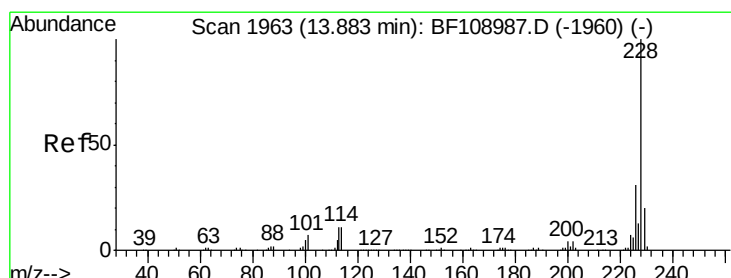
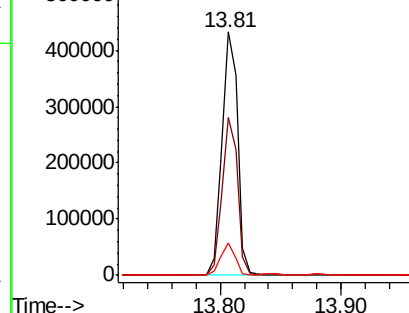
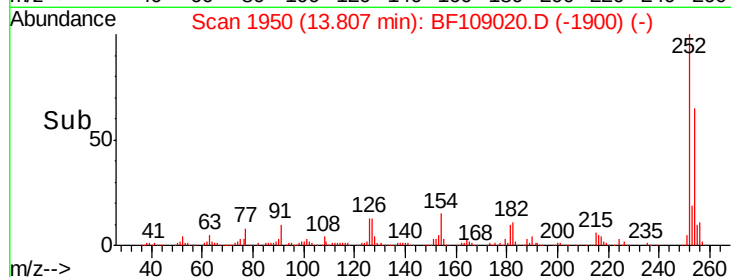


Abundance

Ion 252.00 (251.70 to 252.70): E

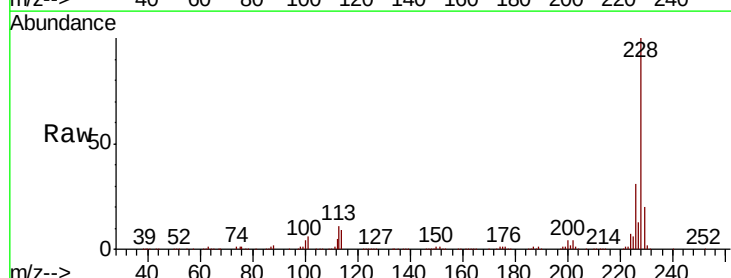
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 39.994 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.0	16.2	24.4

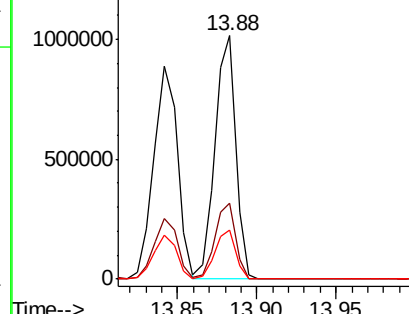
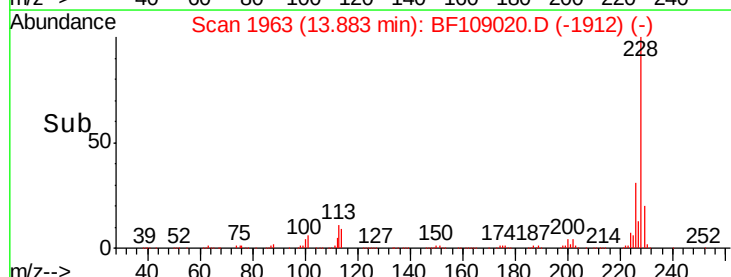


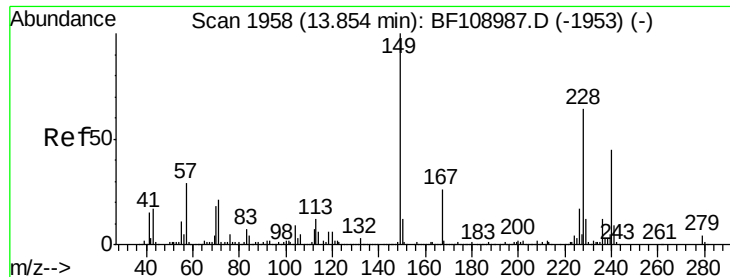
Abundance

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

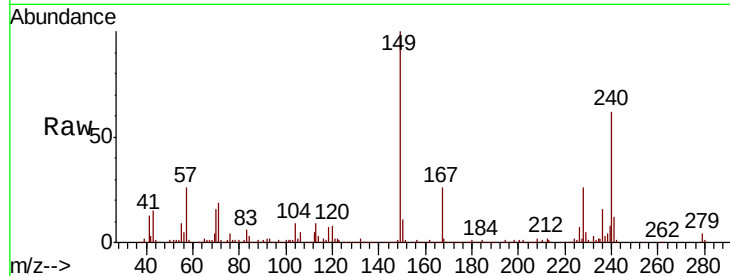




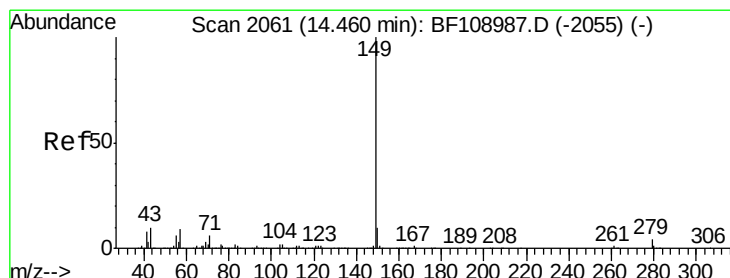
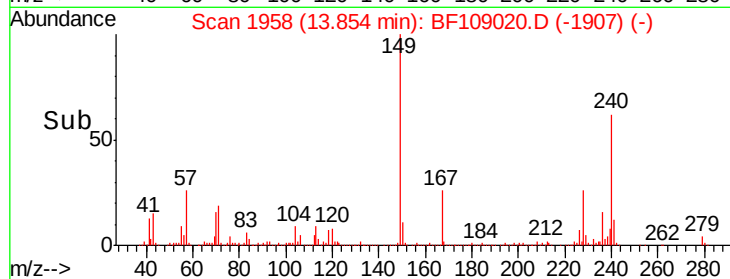
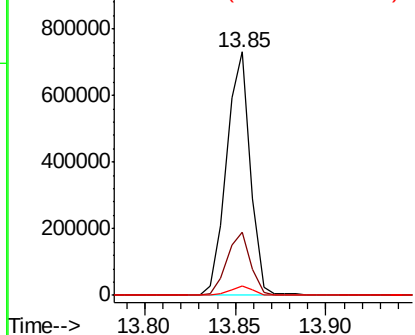
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.378 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	4.1	3.0	4.4

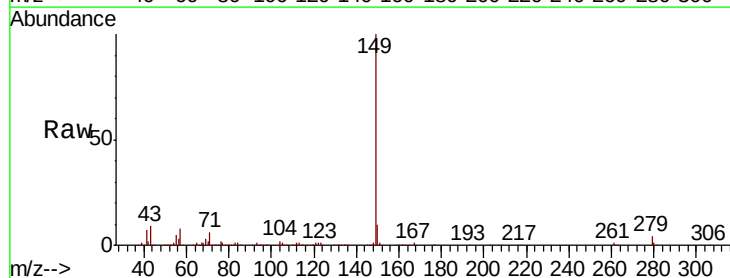


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

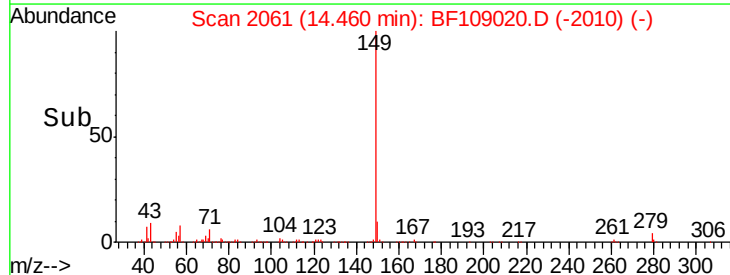
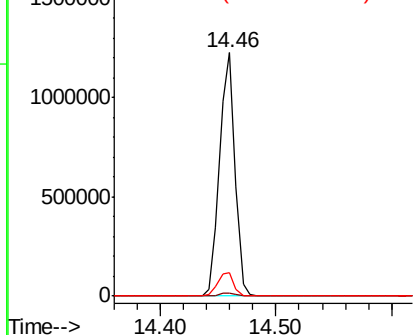


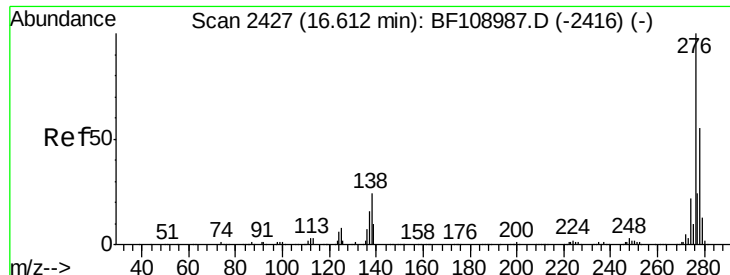
#84
 Di-n-octyl phthalate
 Concen: 43.523 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	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

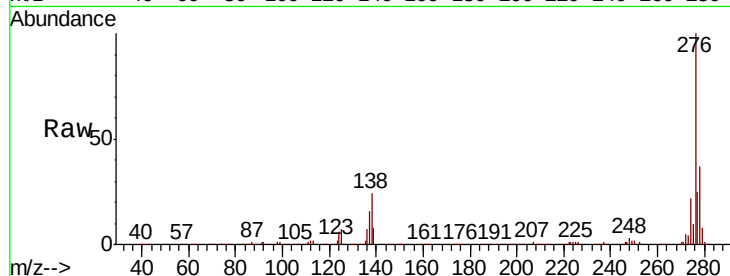




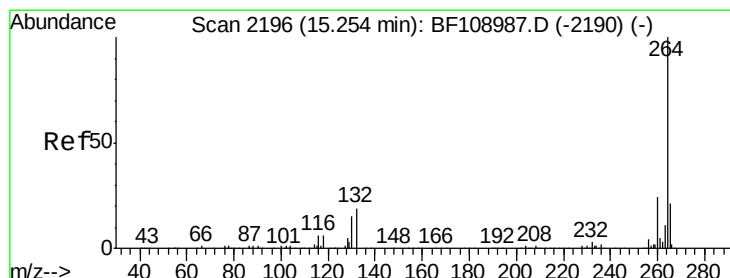
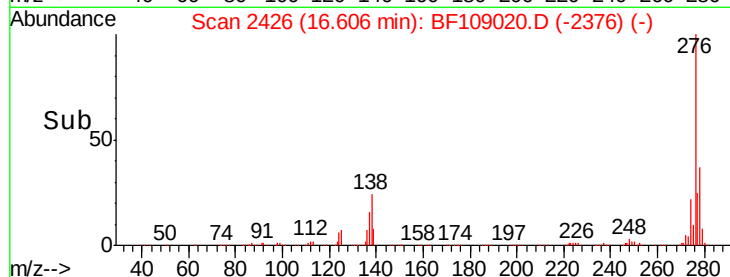
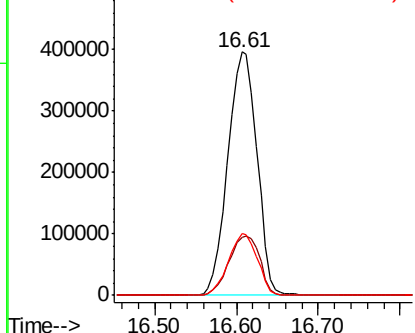
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.067 ng
 RT: 16.61 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 984141
 Ion Ratio Lower Upper
 276 100
 138 25.9 25.0 37.6
 277 25.1 20.1 30.1

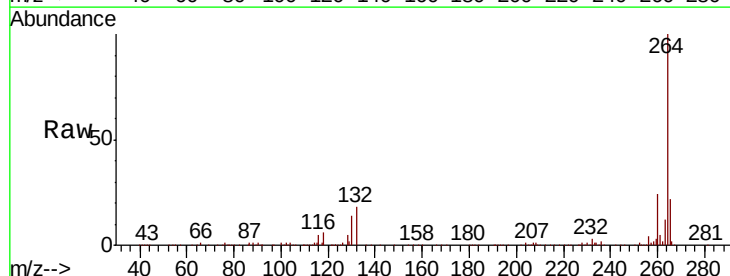


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

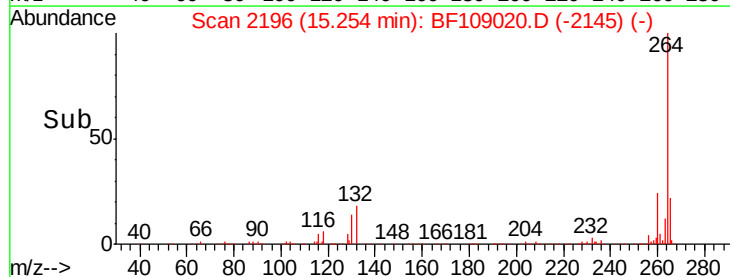
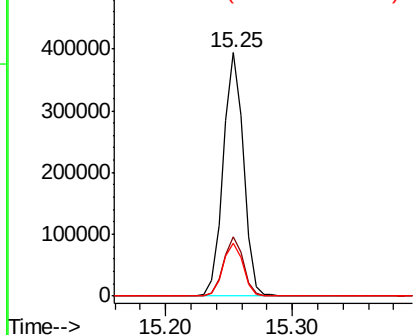


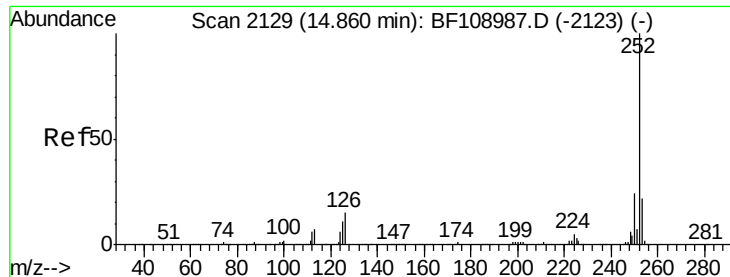
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109020.D
 Acq: 15 Sep 2018 3:13

Tgt Ion: 264 Resp: 436760
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.9 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 36.260 ng

RT: 14.86 min Scan# 2129

Delta R.T. -0.00 min

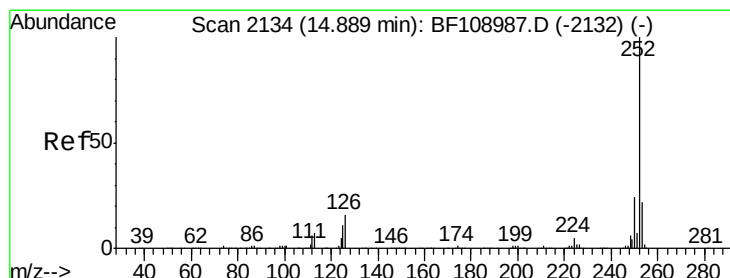
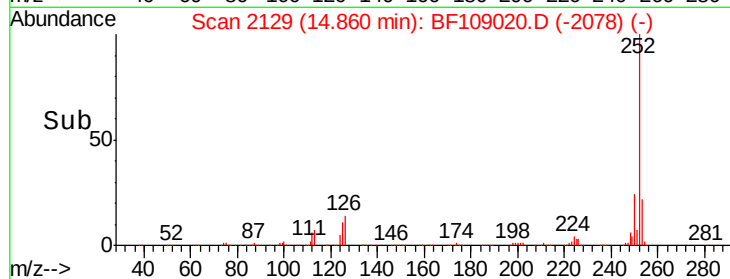
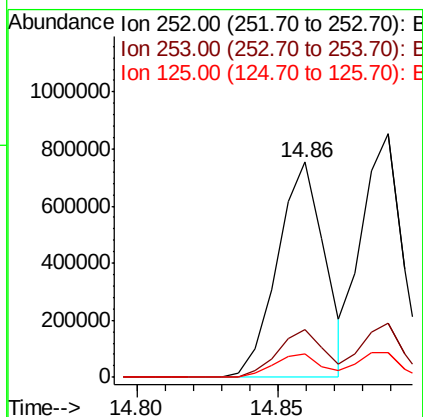
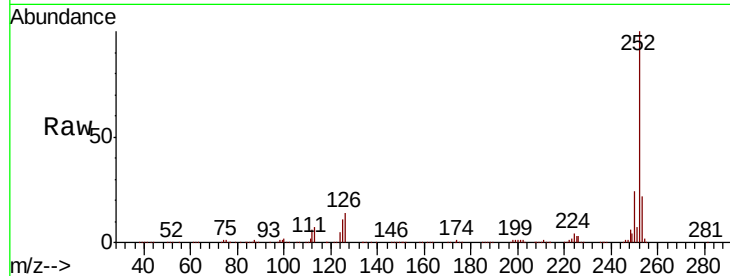
Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 876135

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.7	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 38.822 ng

RT: 14.86 min Scan# 2129

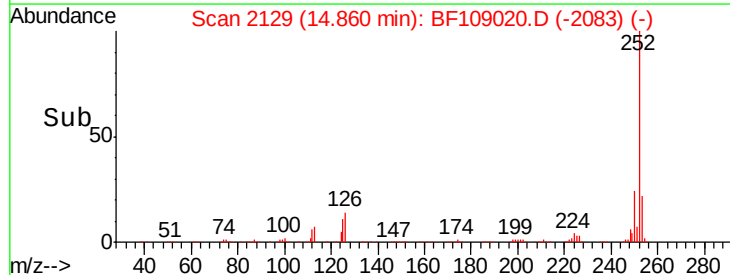
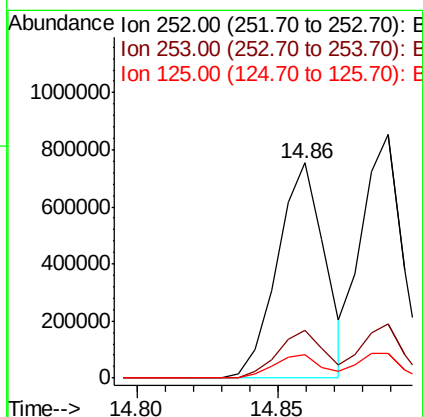
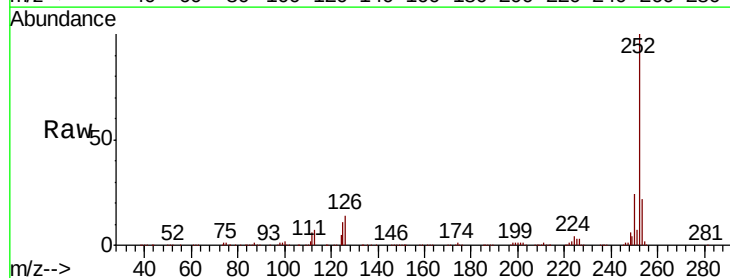
Delta R.T. -0.03 min

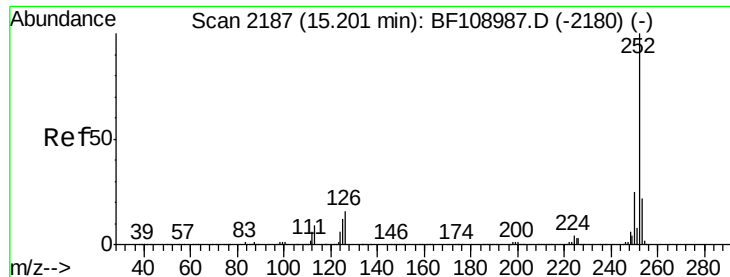
Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Tgt Ion:252 Resp: 876135

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.926 ng

RT: 15.20 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

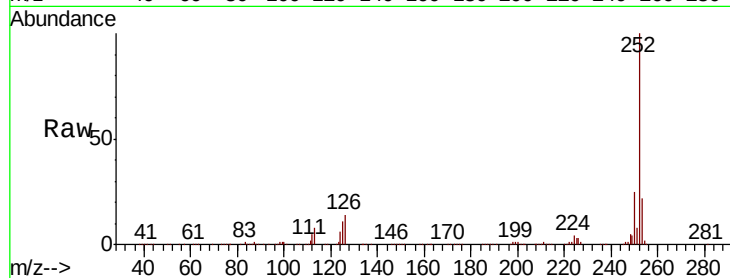
Tgt Ion:252 Resp: 835280

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

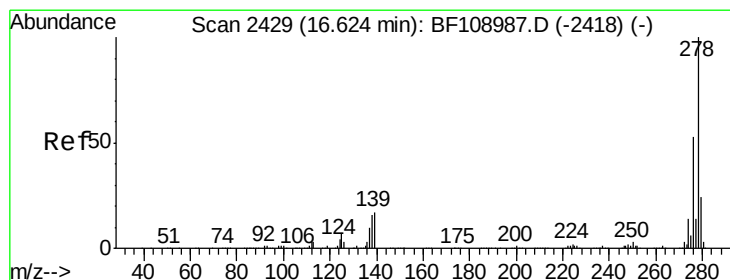
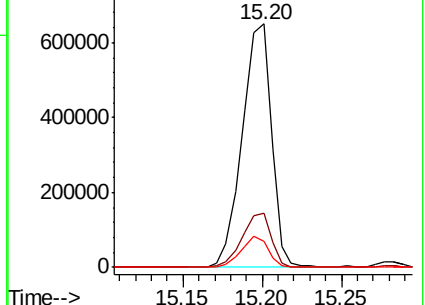
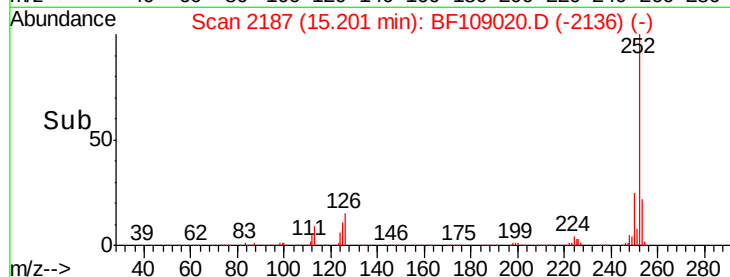
125 10.8 9.8 14.6



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: 45.408 ng

RT: 16.62 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

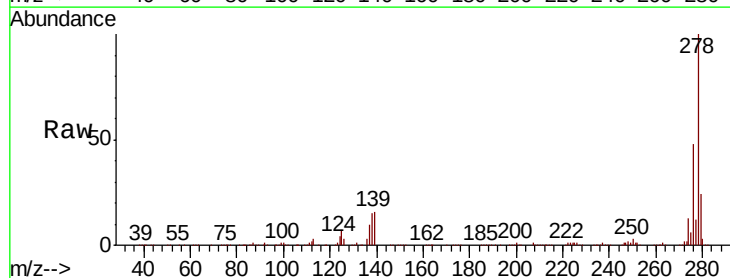
Tgt Ion:278 Resp: 818607

Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

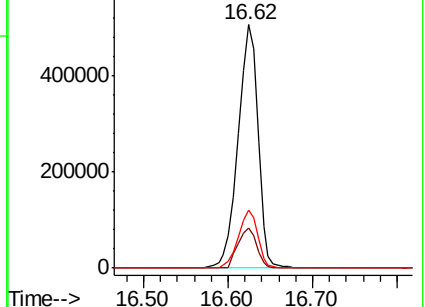
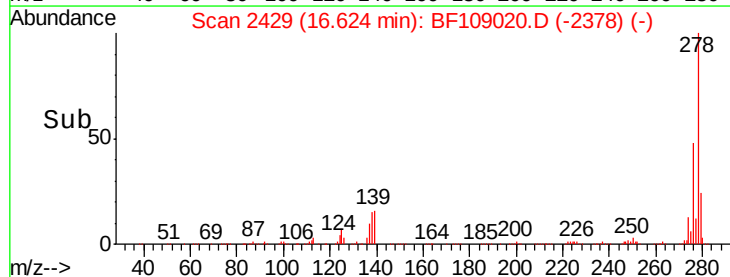
279 23.8 19.0 28.4

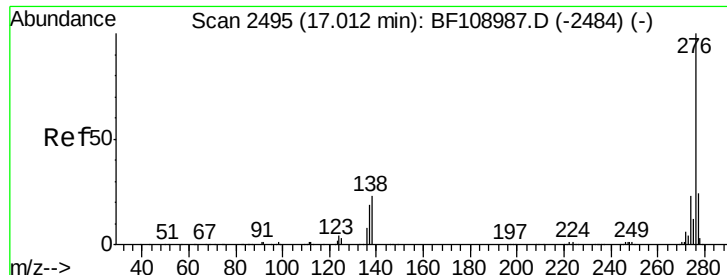


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.229 ng

RT: 17.01 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BF109020.D

Acq: 15 Sep 2018 3:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

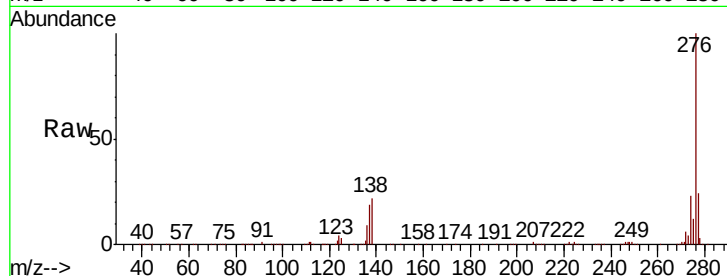
Tgt Ion: 276 Resp: 815194

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 22.1 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

