

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100509.D
 Acq On : 13 Nov 2017 18:40
 Operator : SJ/JU
 Sample : I6301-07MS 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

Quant Time: Nov 14 02:47:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 13 14:08:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87109	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	324225	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	134738	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	205418	20.00	ng	0.00
75) Chrysene-d12	14.06	240	183107	20.00	ng	0.00
86) Perylene-d12	15.53	264	143028	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	235222	43.29	ng	0.00
7) Phenol-d6	6.52	99	279800	41.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	169518	34.57	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	61776	44.99	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	319598	36.12	ng	0.00
78) Terphenyl-d14	13.00	244	224909	28.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	26852	10.140	ng	# 95
3) Pyridine	3.49	79	75161	10.403	ng	90
4) n-Nitrosodimethylamine	3.42	42	40654	11.589	ng	# 89
6) Aniline	6.55	93	60445	6.385	ng	98
8) 2-Chlorophenol	6.67	128	88203	15.343	ng	95
9) Benzaldehyde	6.44	77	39800	8.317	ng	95
10) Phenol	6.53	94	112483	15.990	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	80216	13.576	ng	98
12) 1,3-Dichlorobenzene	6.83	146	99278	14.979	ng	97
13) 1,4-Dichlorobenzene	6.91	146	100914	15.043	ng	96
14) 1,2-Dichlorobenzene	7.06	146	95402	15.381	ng	97
15) Benzyl Alcohol	7.03	79	71445	13.661	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	129864	13.741	ng	98
17) 2-Methylphenol	7.13	107	71189	14.491	ng	98
18) Hexachloroethane	7.40	117	20886	9.443	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	59425	12.787	ng	94
20) 3+4-Methylphenols	7.29	107	91075	14.650	ng	93
22) Acetophenone	7.30	105	120671	15.263	ng	# 99
24) Nitrobenzene	7.47	77	85225	16.885	ng	99
25) Isophorone	7.71	82	153680	14.912	ng	96
26) 2-Nitrophenol	7.79	139	36834	19.199	ng	97
27) 2,4-Dimethylphenol	7.82	122	78321	16.954	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	98433	14.602	ng	98
29) 2,4-Dichlorophenol	8.03	162	73891	16.754	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	79846	16.737	ng	96
31) Naphthalene	8.20	128	261542	16.748	ng	99
33) 4-Chloroaniline	8.24	127	56427	8.681	ng	98
34) Hexachlorobutadiene	8.31	225	48240	17.007	ng	97
35) Caprolactam	8.59	113	20017	13.226	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	72078	15.217	ng	98
37) 2-Methylnaphthalene	8.89	142	169372	16.336	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	76377	17.092	ng	# 95
42) 2,4,6-Trichlorophenol	9.16	196	51395	18.147	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	50049	17.057	ng	93

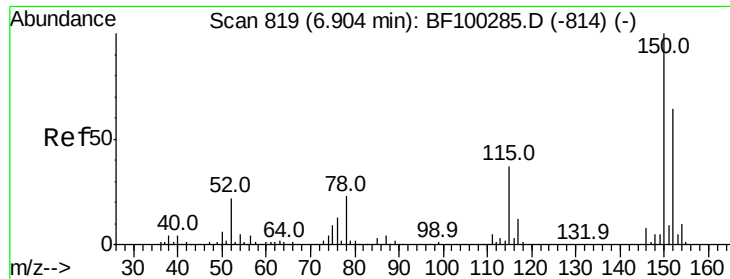
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
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Quant Time: Nov 14 02:47:31 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 13 14:08:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.35	154	195057	16.738	nq	96
46) 2-Chloronaphthalene	9.37	162	146618	17.343	nq	95
47) 2-Nitroaniline	9.47	65	42335	18.748	nq	88
48) Acenaphthylene	9.79	152	223767	15.971	nq	98
49) Dimethylphthalate	9.65	163	227688	22.133	nq	99
50) 2,6-Dinitrotoluene	9.70	165	31389	15.414	nq	96
51) Acenaphthene	9.96	154	131281	15.407	nq	98
52) 3-Nitroaniline	9.87	138	36714	15.268	nq	95
53) 2,4-Dinitrophenol	9.98	184	455	8.522	nq #	34
54) Dibenzofuran	10.13	168	196911	16.488	nq	98
55) 4-Nitrophenol	10.03	139	45652	23.381	nq	90
56) 2,4-Dinitrotoluene	10.11	165	38167	14.857	nq #	84
57) Fluorene	10.47	166	149326	17.068	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.25	232	35947	14.948	nq #	86
59) Diethylphthalate	10.34	149	168454	16.363	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	73135	17.041	nq #	87
61) 4-Nitroaniline	10.48	138	35098	15.393	nq	94
62) Azobenzene	10.63	77	157637	16.258	nq	90
64) 4,6-Dinitro-2-methylphenol	10.52	198	724	9.143	nq	91
65) n-Nitrosodiphenylamine	10.58	169	131960	18.475	nq	95
66) 4-Bromophenyl-phenylether	10.96	248	41410	18.805	nq #	87
67) Hexachlorobenzene	11.02	284	39232	17.035	nq	92
68) Atrazine	11.10	200	37801	17.484	nq	98
69) Pentachlorophenol	11.22	266	39210	23.743	nq	98
70) Phenanthrene	11.44	178	245295	22.680	nq	98
71) Anthracene	11.49	178	203110	18.510	nq	100
72) Carbazole	11.65	167	160683	15.870	nq	98
73) Di-n-butylphthalate	11.97	149	207332	17.499	nq	99
74) Fluoranthene	12.63	202	295938	25.818	nq	95
76) Benzidine	12.74	184	92767	12.651	nq	96
77) Pyrene	12.86	202	298002	22.831	nq	98
79) Butylbenzylphthalate	13.47	149	77284	14.519	nq	91
80) Benzo(a)anthracene	14.04	228	235194	21.330	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	57745	14.616	nq #	98
82) Chrysene	14.08	228	220238	20.626	nq	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	118290	16.896	nq	99
84) Di-n-octyl phthalate	14.64	149	195826	16.282	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	132543	15.346	nq #	90
87) Benzo(b)fluoranthene	15.10	252	196612	23.203	nq	97
88) Benzo(k)fluoranthene	15.13	252	143979	17.983	nq #	95
89) Benzo(a)pyrene	15.47	252	153315	20.409	nq	99
90) Dibenzo(a,h)anthracene	17.04	278	94658	15.408	nq #	93
91) Benzo(g,h,i)perylene	17.47	276	111810	18.592	nq #	91

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

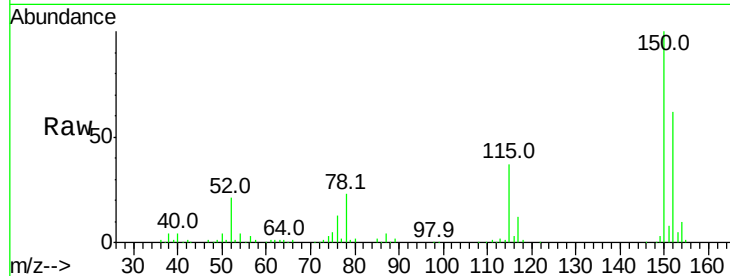


#1

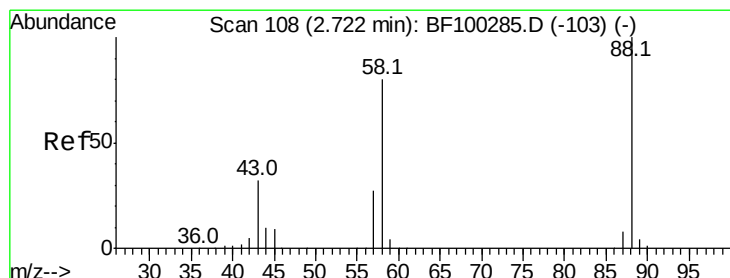
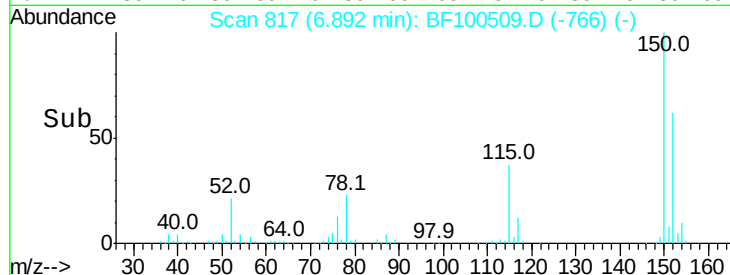
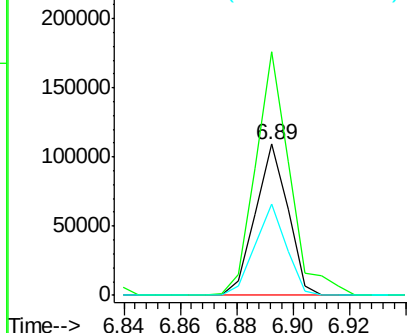
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

Tot Ion:152 Resp: 87109
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 60.1 50.1 75.1



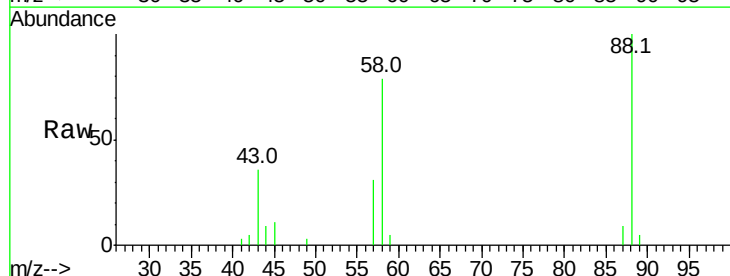
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



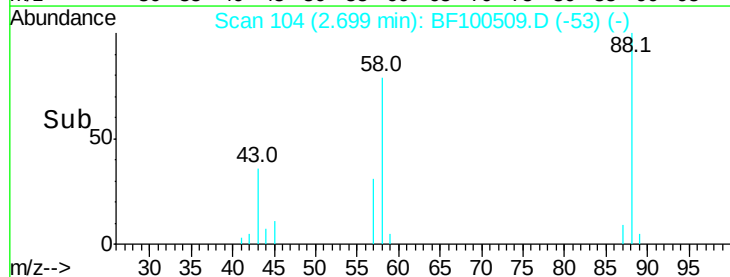
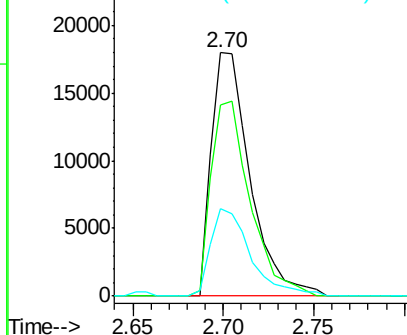
#2

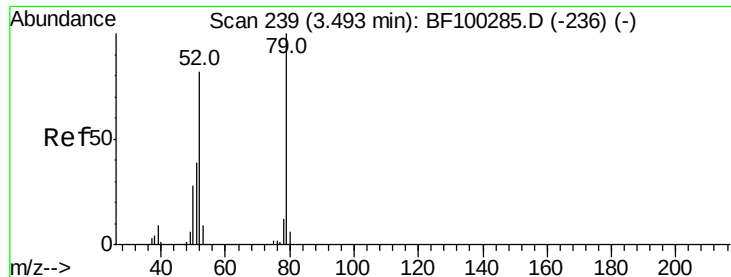
1,4-Dioxane
Concen: 10.140 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 88 Resp: 26852
Ion Ratio Lower Upper
88 100
58 80.3 62.6 93.8
43 37.1 24.6 37.0#



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





#3

Pvridine

Concen: 10.403 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.02 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

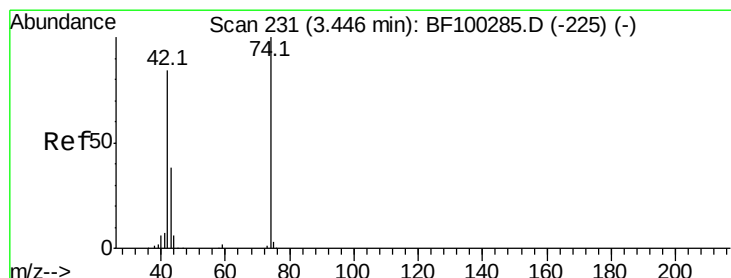
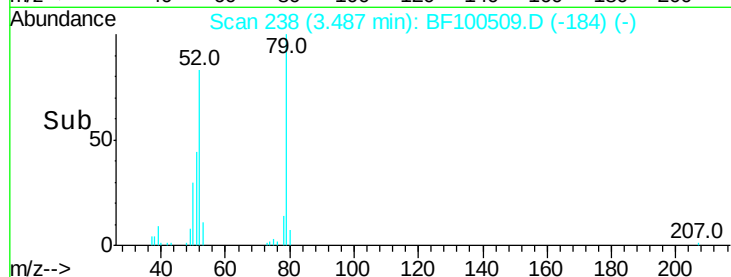
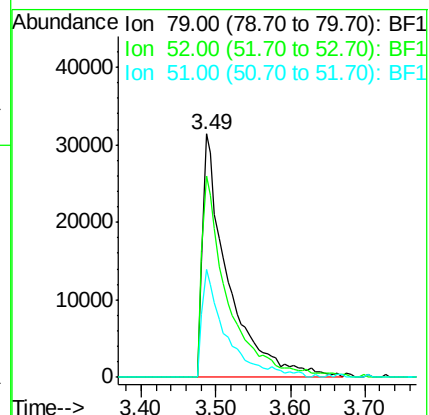
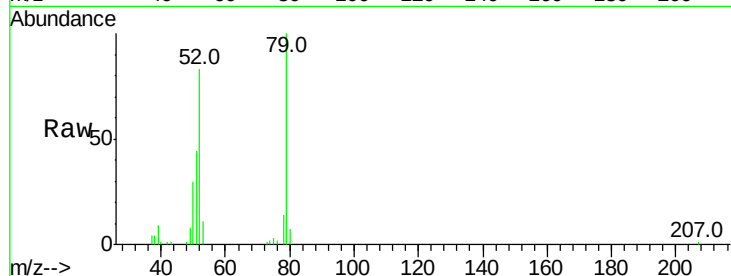
Tot Ion: 79 Resp: 75161

Ion Ratio Lower Upper

79 100

52 82.6 59.8 89.6

51 44.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 11.589 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

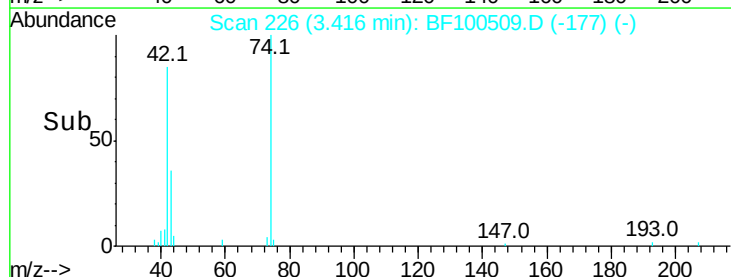
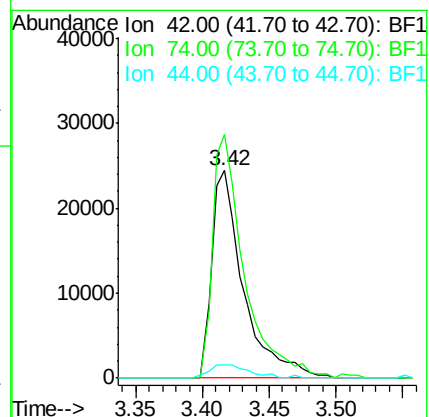
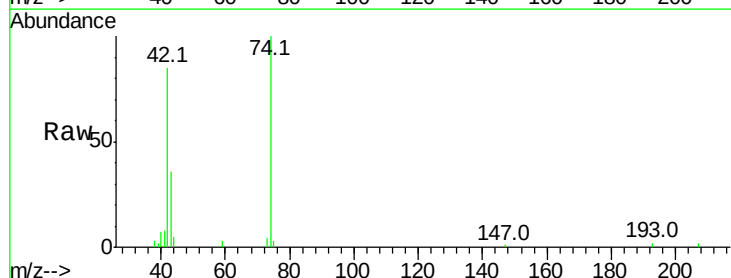
Tgt Ion: 42 Resp: 40654

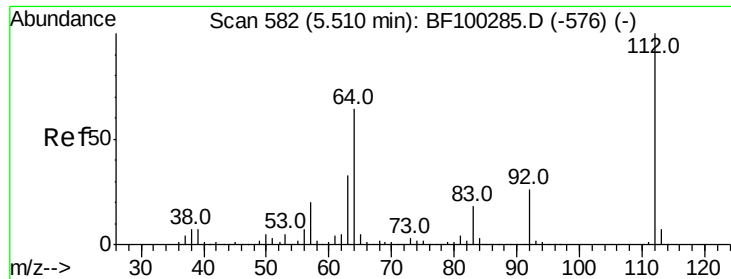
Ion Ratio Lower Upper

42 100

74 117.5 104.9 157.3

44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 43.286 ng

RT: 5.50 min Scan# 581

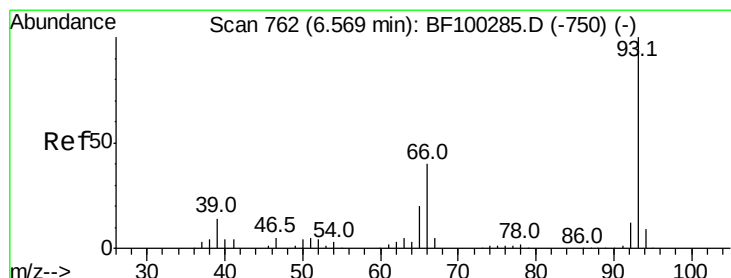
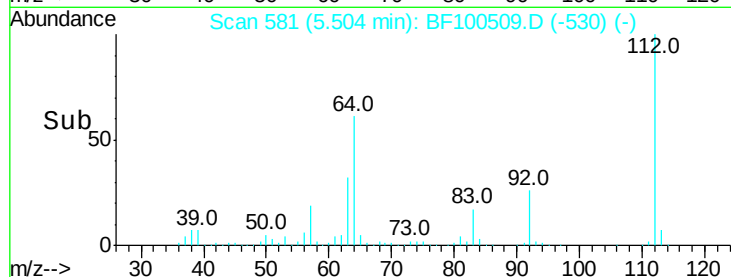
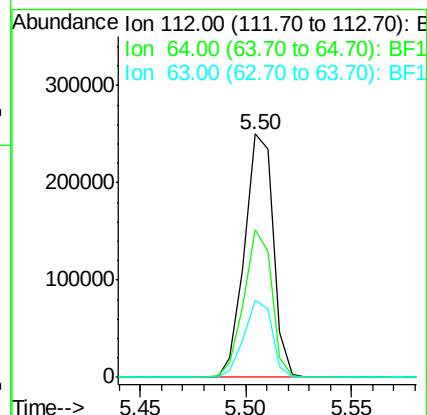
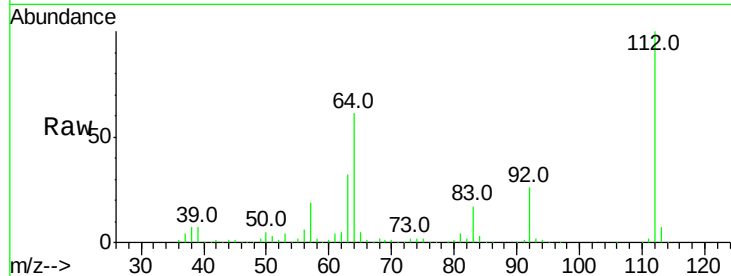
Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

Tot Ion:	112	Resp:	235222
Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.8	23.7	35.5



#6

Aniline

Concen: 6.385 ng

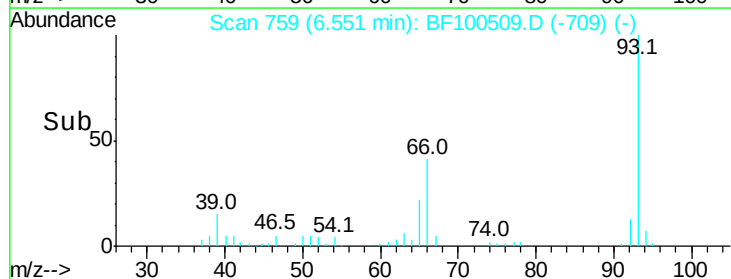
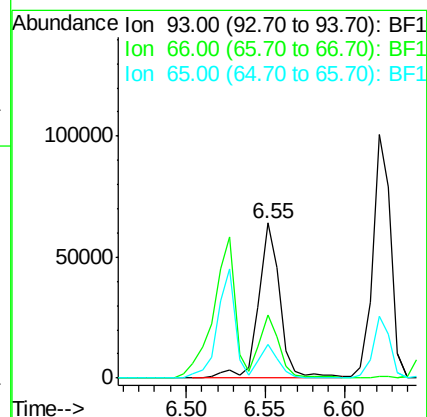
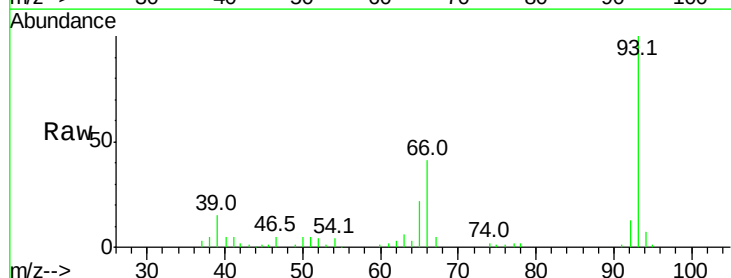
RT: 6.55 min Scan# 759

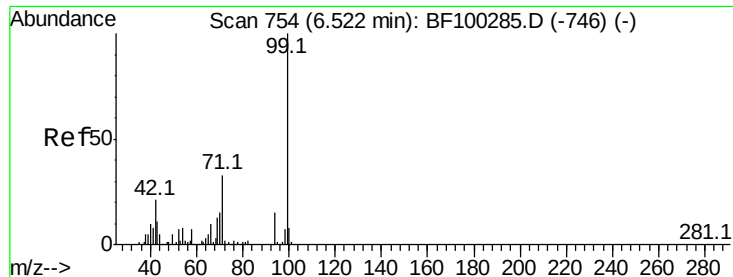
Delta R.T. -0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Tgt Ion:	93	Resp:	60445
Ion	Ratio	Lower	Upper
93	100		
66	41.0	32.2	48.2
65	21.7	16.4	24.6





#7

Phenol-d6

Concen: 41.755 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

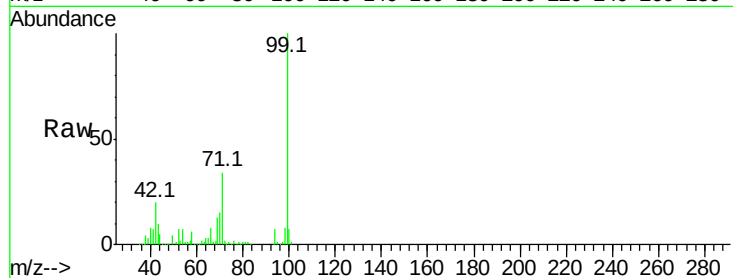
Tot Ion: 99 Resp: 279800

Ion Ratio Lower Upper

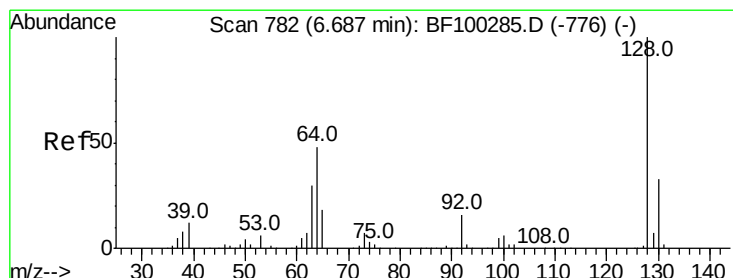
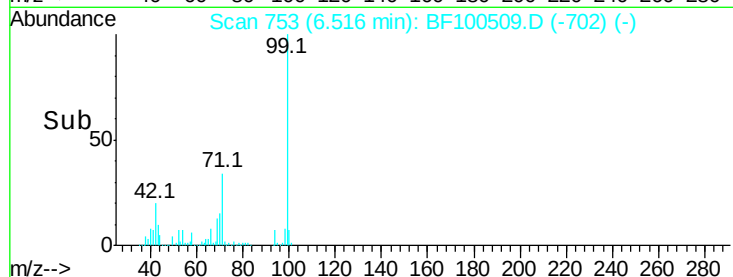
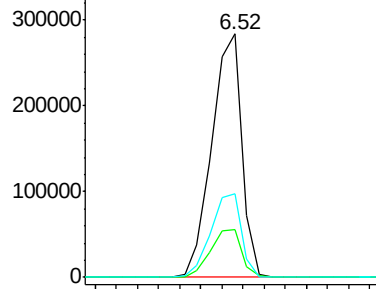
99 100

42 19.6 14.5 21.7

71 34.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 15.343 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

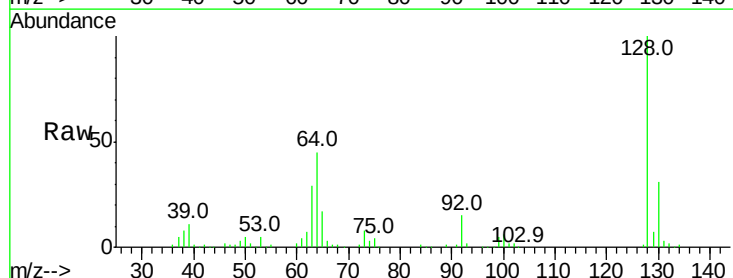
Tgt Ion: 128 Resp: 88203

Ion Ratio Lower Upper

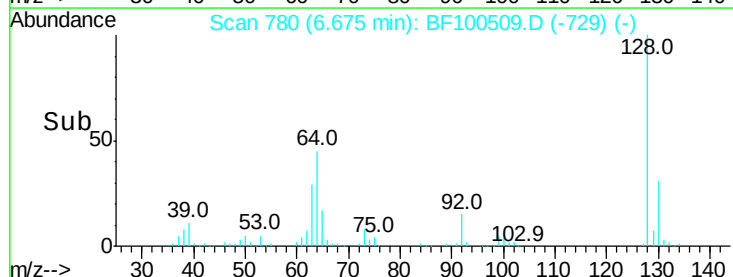
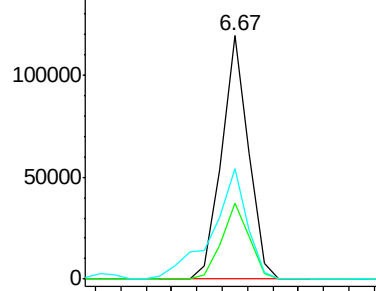
128 100

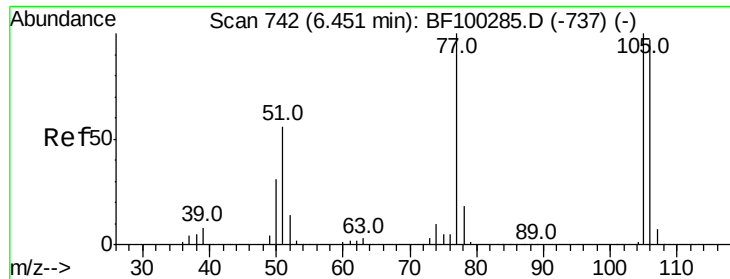
130 31.0 13.0 53.0

64 45.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 8.317 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

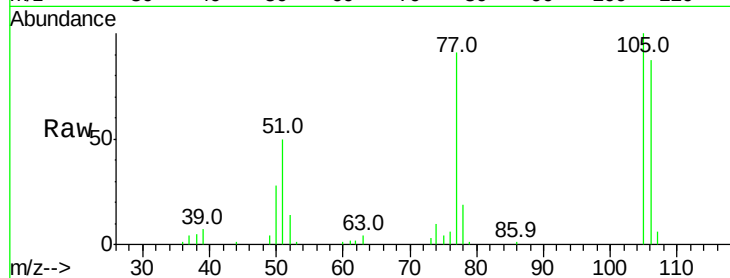
Tot Ion: 77 Resp: 39800

Ion Ratio Lower Upper

77 100

105 109.3 81.1 121.1

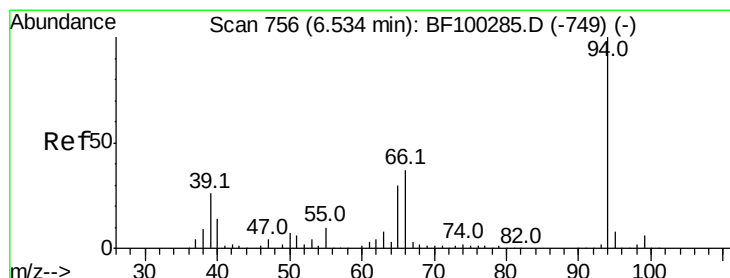
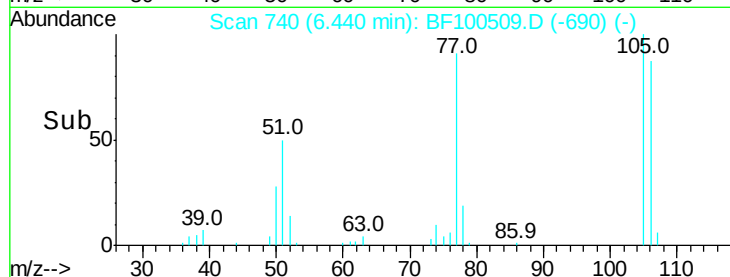
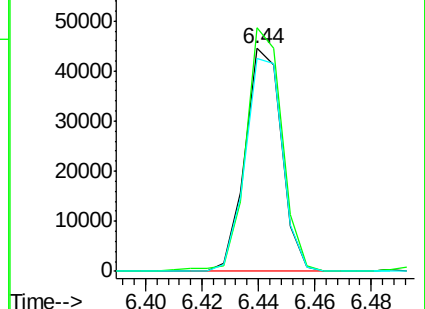
106 95.5 74.5 114.5



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: 15.990 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

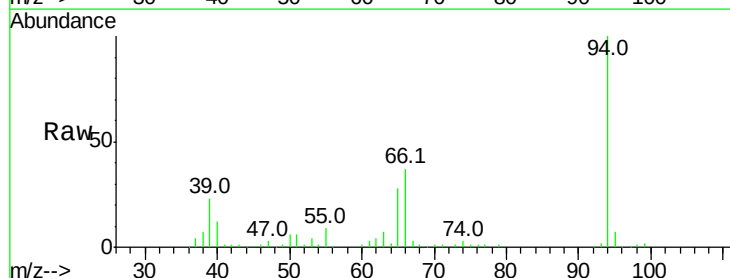
Tgt Ion: 94 Resp: 112483

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

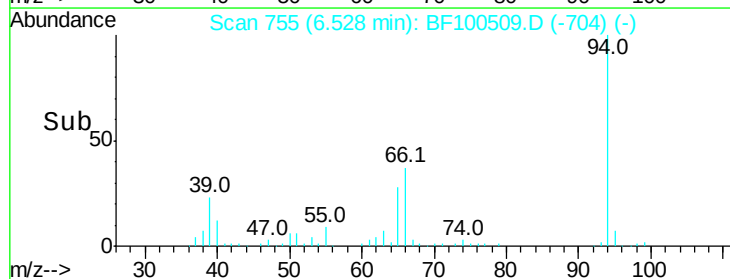
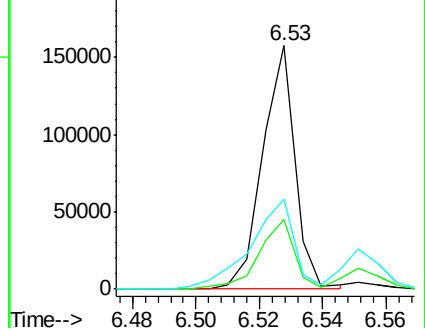
66 37.1 16.2 56.2

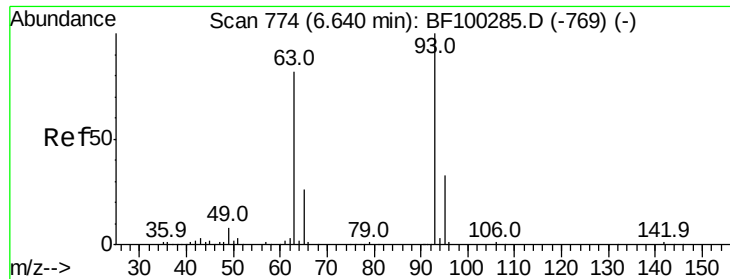


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

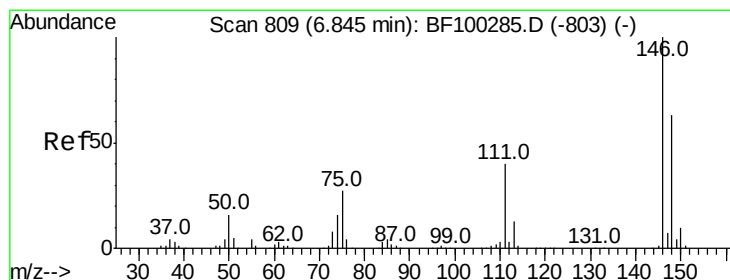
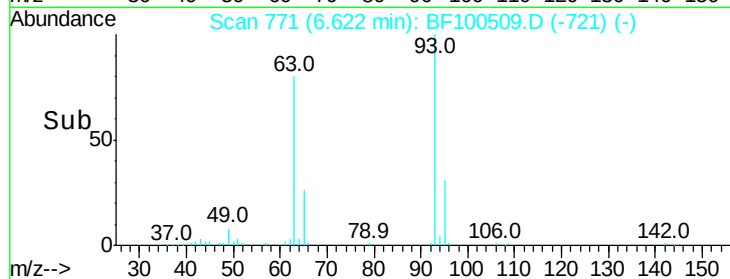
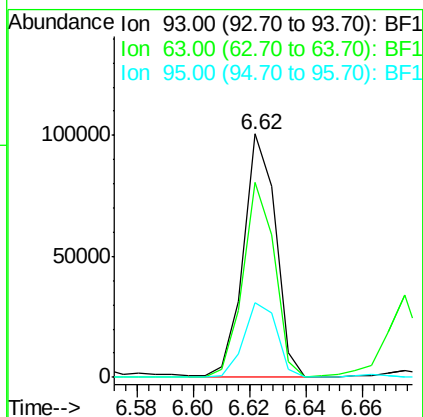
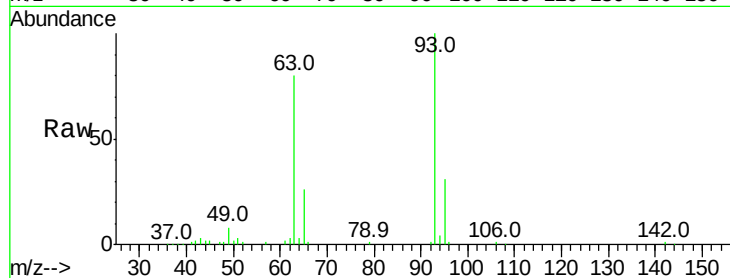




#11
bis(2-Chloroethyl)ether
Concen: 13.576 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

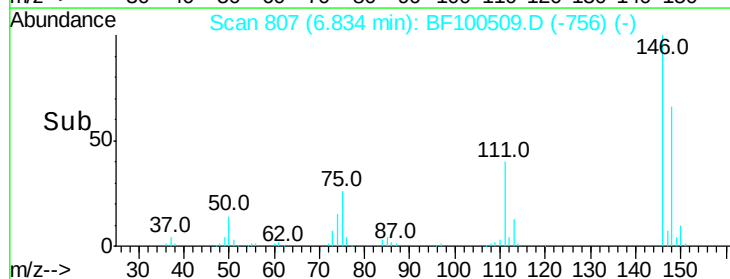
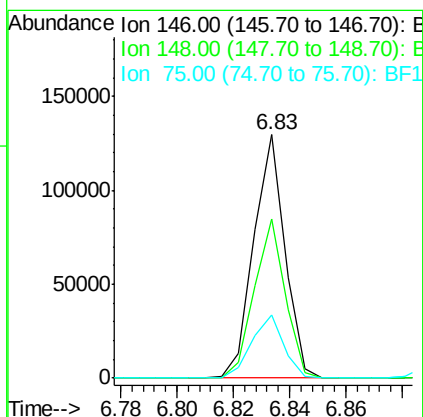
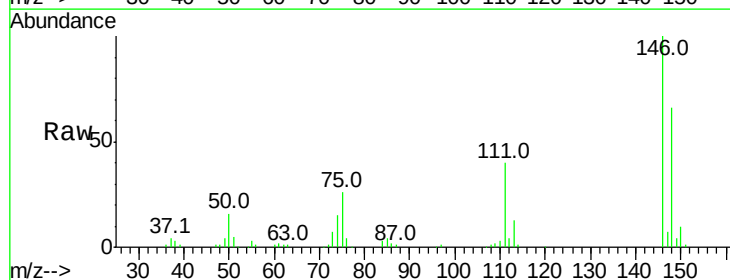
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

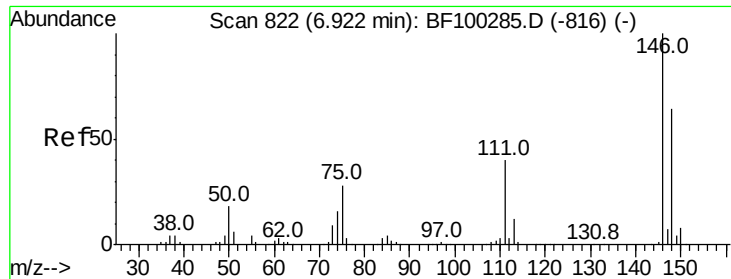
Tot Ion: 93 Resp: 80216
Ion Ratio Lower Upper
93 100
63 80.2 58.6 98.6
95 30.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 14.979 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 146 Resp: 99278
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.8
75 26.0 24.2 36.4

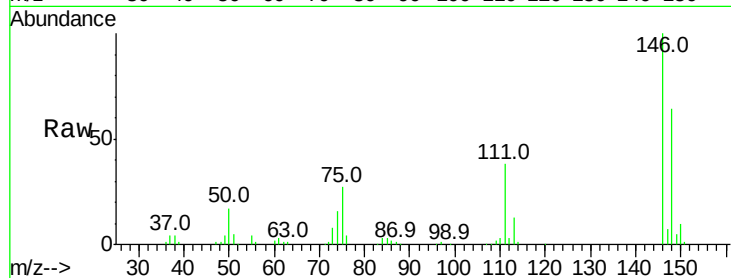




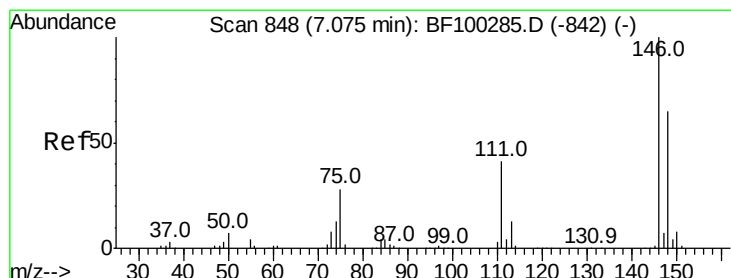
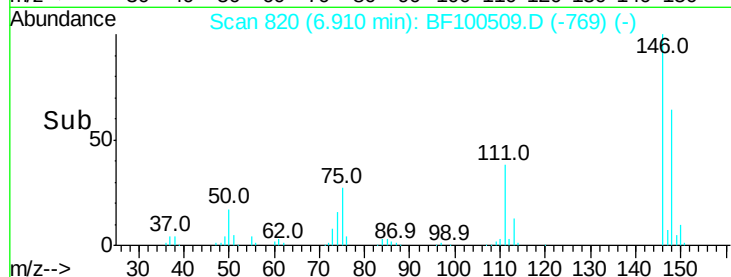
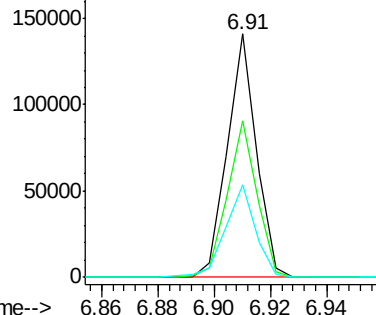
#13
 1,4-Dichlorobenzene
 Concen: 15.043 ng
 RT: 6.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

Tot Ion:146 Resp: 100914
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 38.1 34.2 51.2

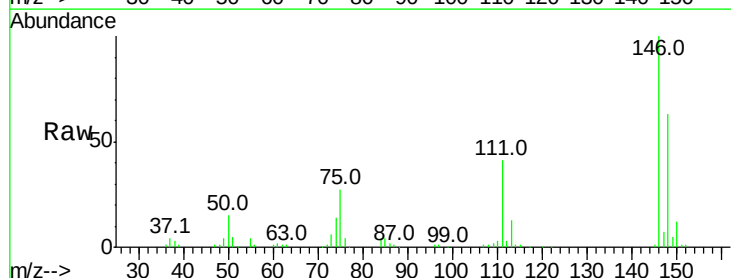


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

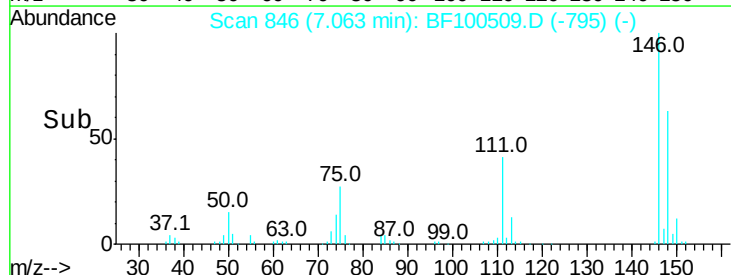
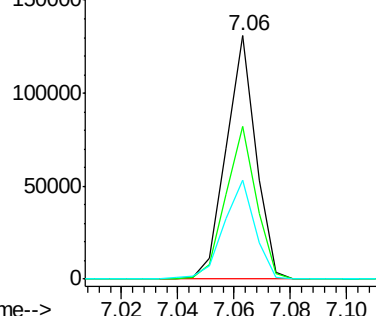


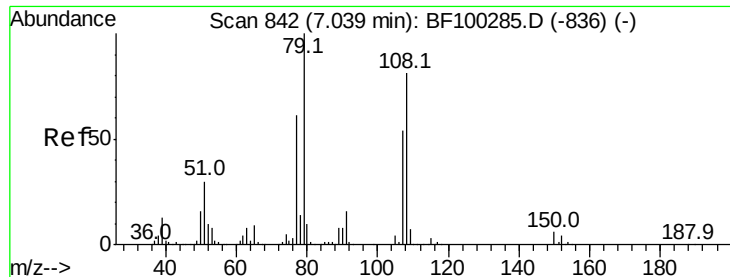
#14
 1,2-Dichlorobenzene
 Concen: 15.381 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion:146 Resp: 95402
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.6 75.8
 111 40.9 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: 13.661 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

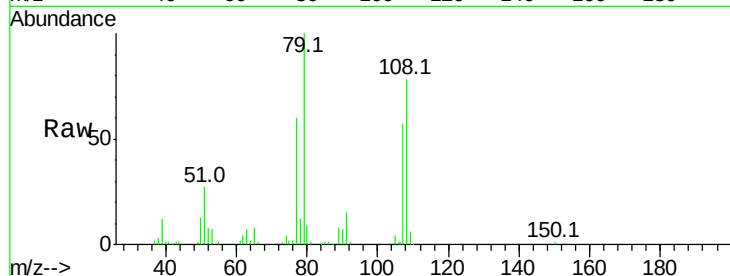
Tot Ion: 79 Resp: 71445

Ion Ratio Lower Upper

79 100

108 78.5 65.1 97.7

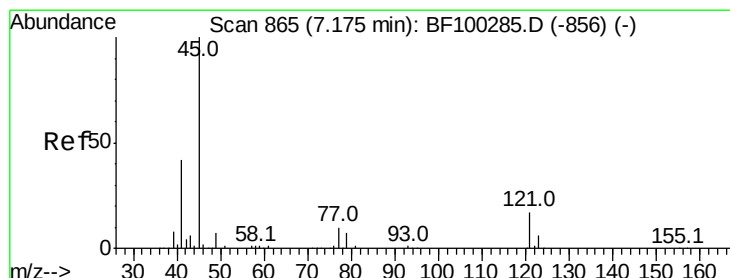
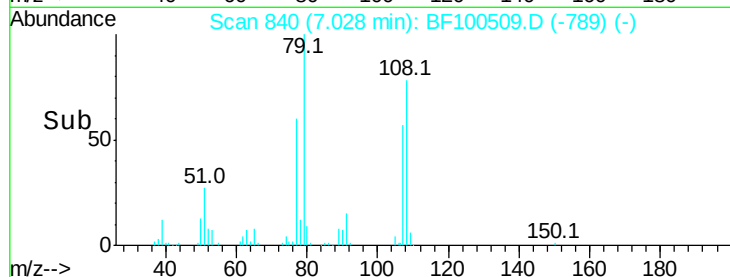
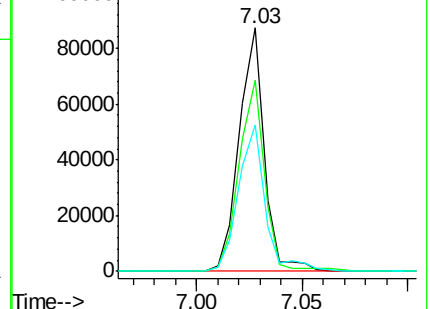
77 60.3 50.6 75.8



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: 13.741 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

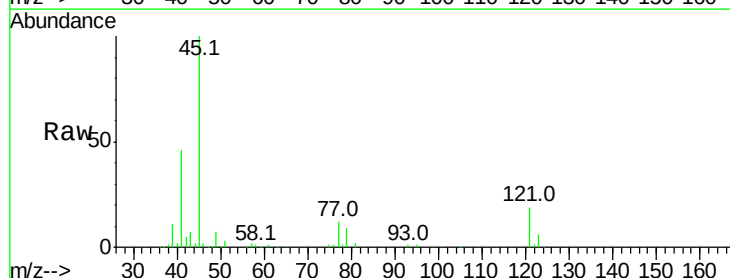
Tgt Ion: 45 Resp: 129864

Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

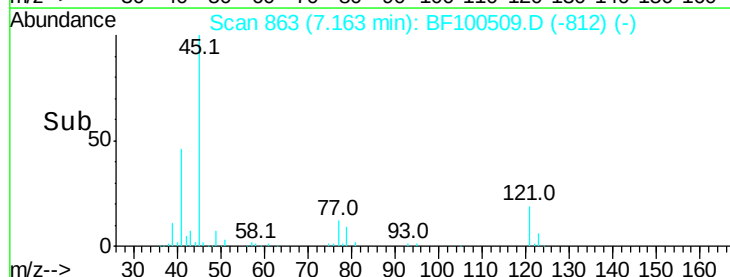
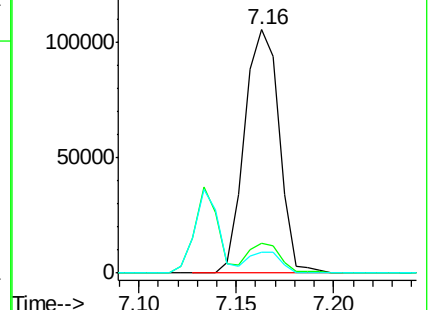
79 8.6 0.0 29.6

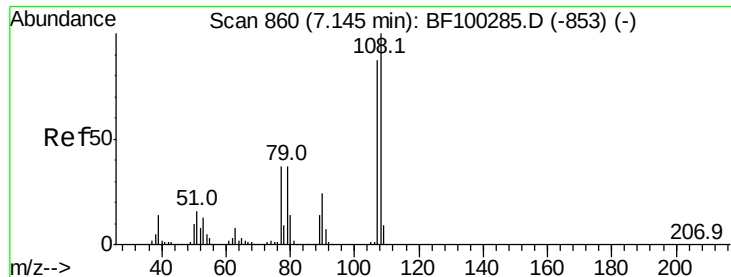


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 14.491 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

Tot Ion:107 Resp: 71189

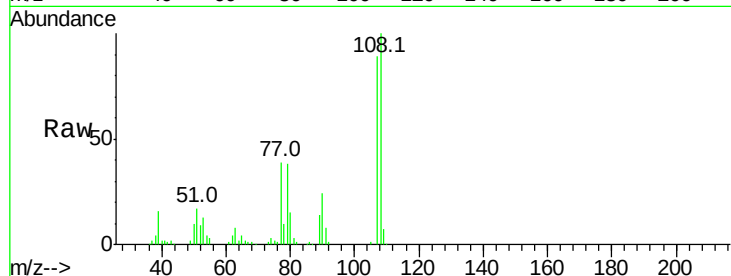
Ion Ratio Lower Upper

107 100

108 112.9 91.7 137.5

77 44.6 33.8 50.8

79 43.1 33.8 50.8

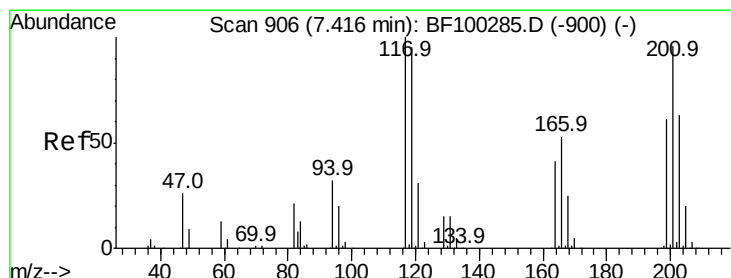
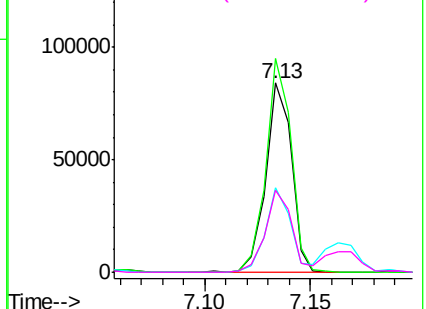
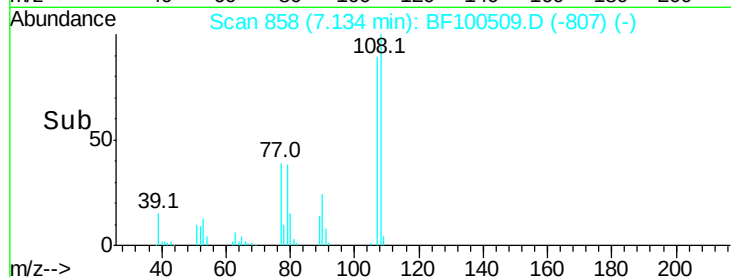


Abundance Ion 107.00 (106.70 to 107.70): E

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: 9.443 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

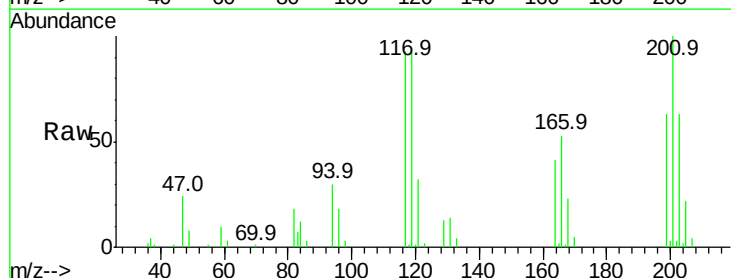
Tgt Ion:117 Resp: 20886

Ion Ratio Lower Upper

117 100

119 98.9 75.8 113.8

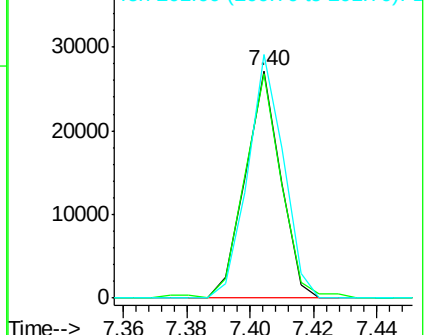
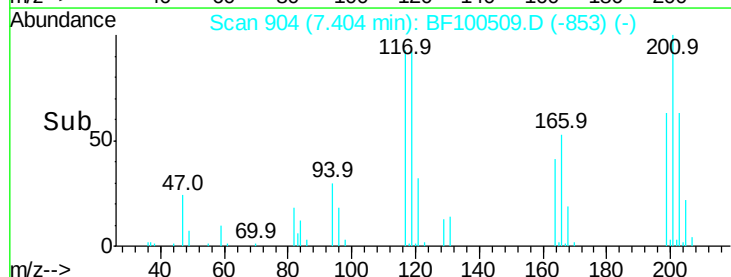
201 107.1 75.7 113.5

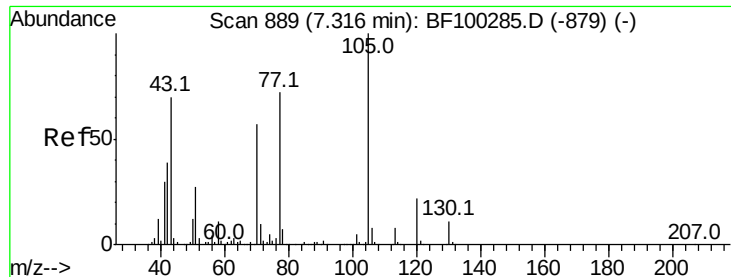


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

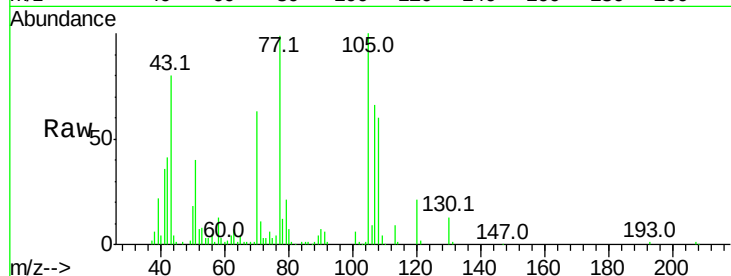




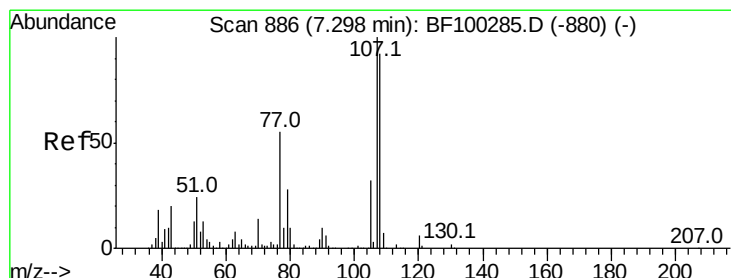
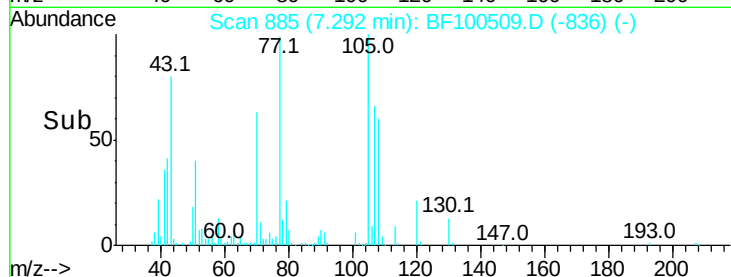
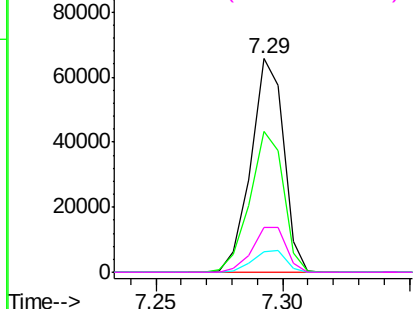
#19
n-Nitroso-di-n-propylamine
Concen: 12.787 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

Tot Ion:	70	Resp:	59425
Ion	Ratio	Lower	Upper
70	100		
42	65.7	47.5	71.3
101	9.7	7.4	11.2
130	20.7	16.6	25.0

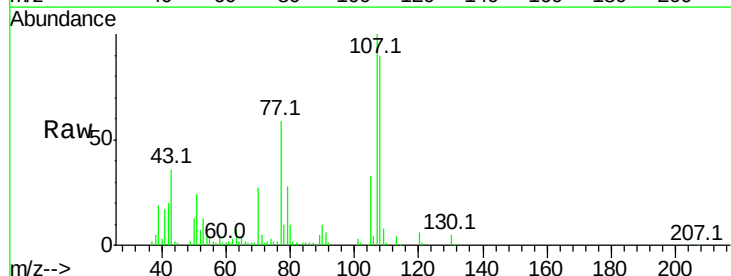


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

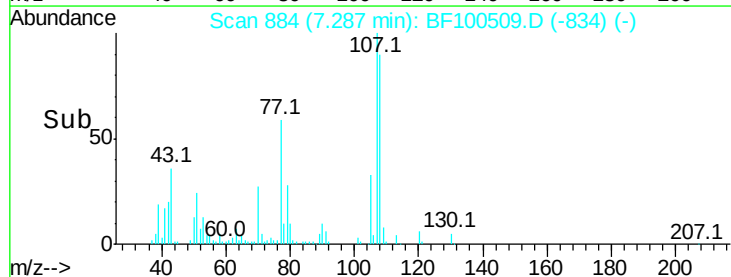
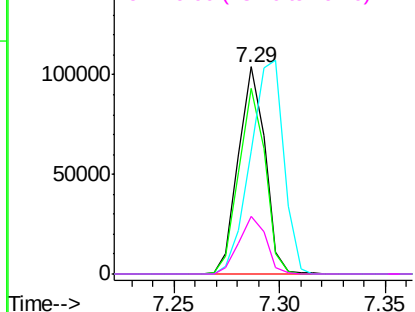


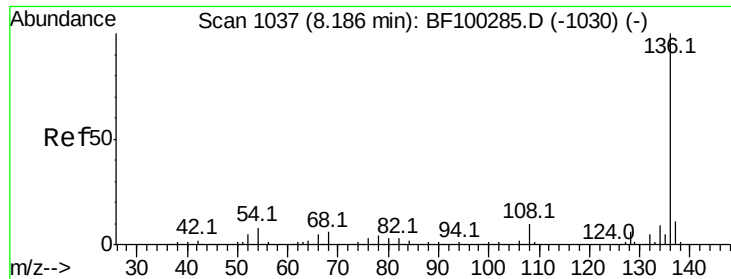
#20
3+4-Methylphenols
Concen: 14.650 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion:	107	Resp:	91075
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.2	108.2
77	59.4	26.7	66.7
79	27.8	6.3	46.3



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

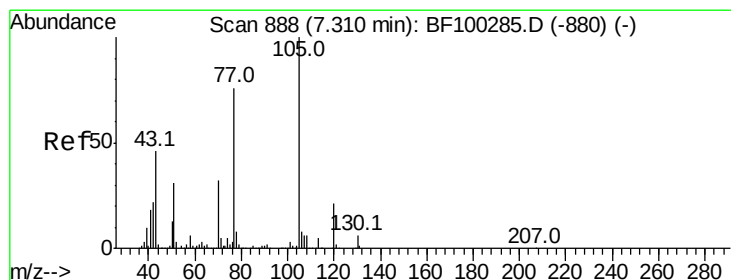
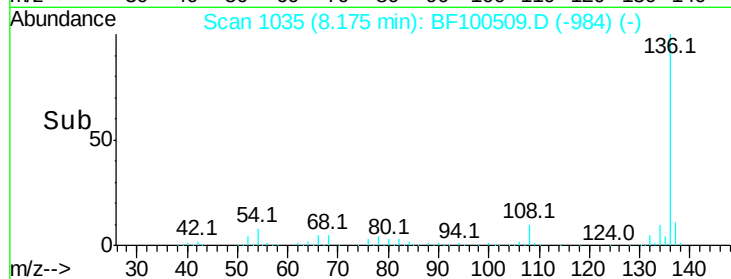
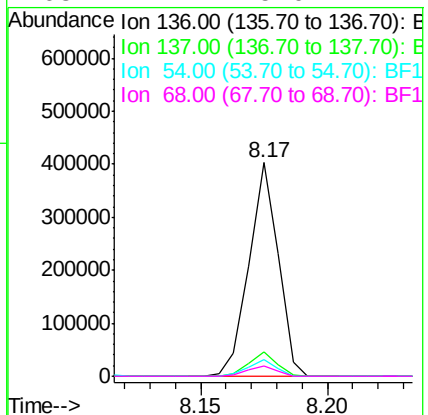
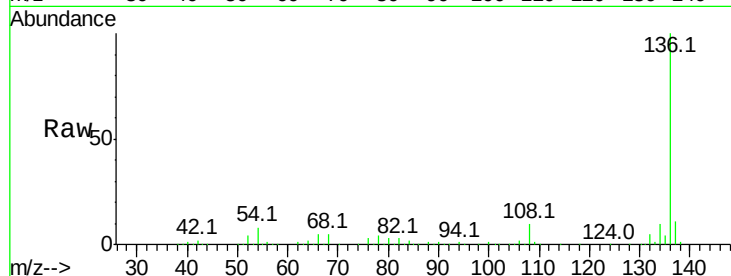




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

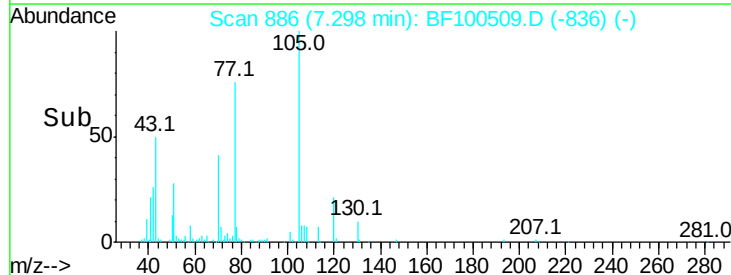
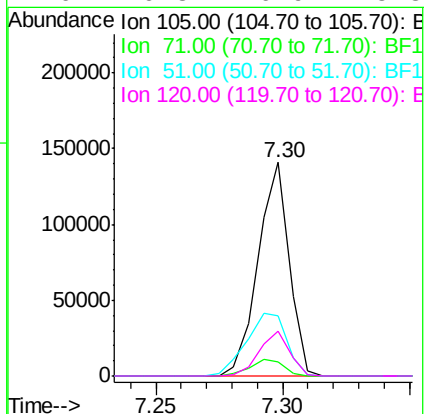
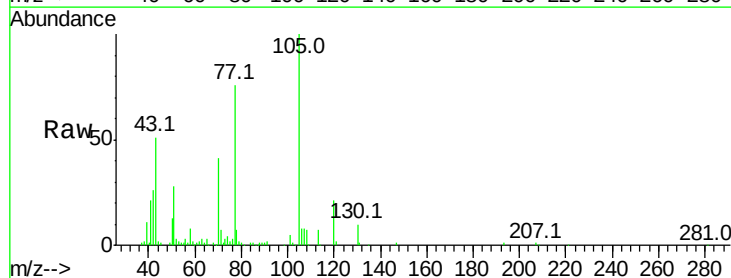
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

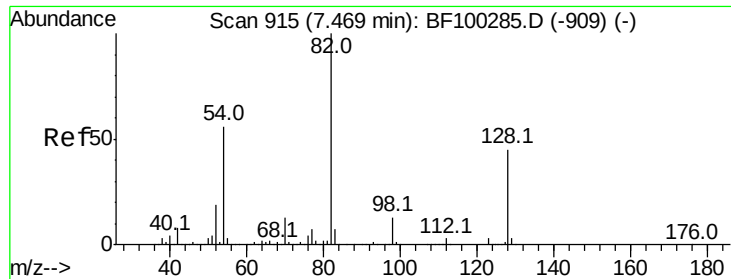
Tot Ion:136	Resp:	324225
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	8.0	6.6 9.8
68	4.7	5.0 7.4#



#22
Acetophenone
Concen: 15.263 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion:105	Resp:	120671
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.4 6.6#
51	28.1	22.3 33.5
120	20.8	16.9 25.3

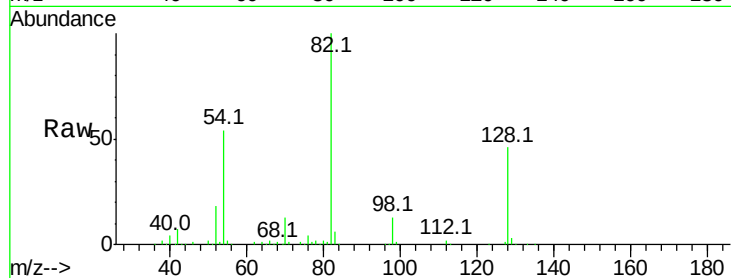




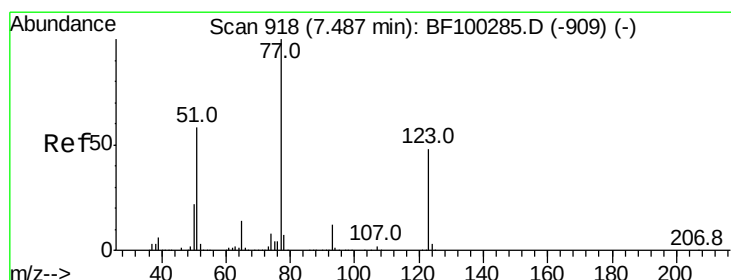
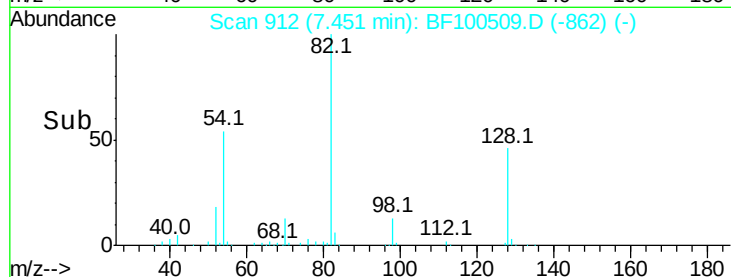
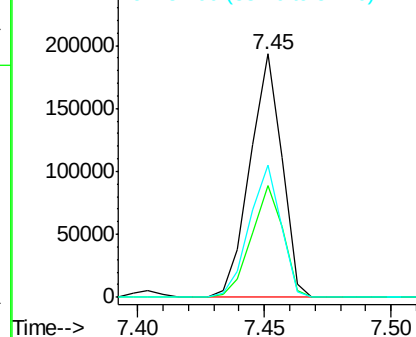
#23
Nitrobenzene-d5
Concen: 34.567 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

Tot Ion: 82 Resp: 169518
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 54.2 41.4 62.2

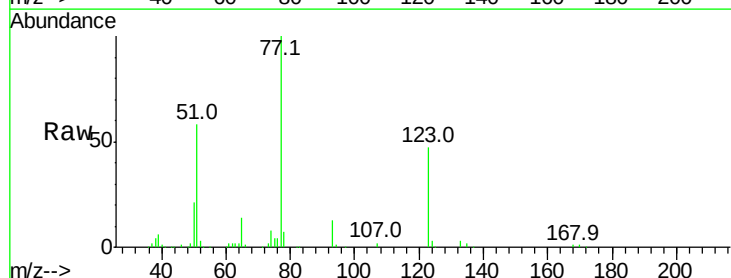


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

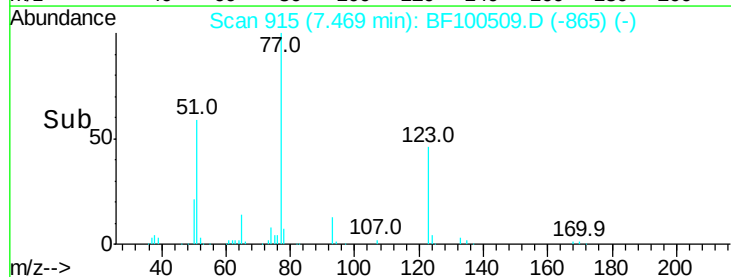
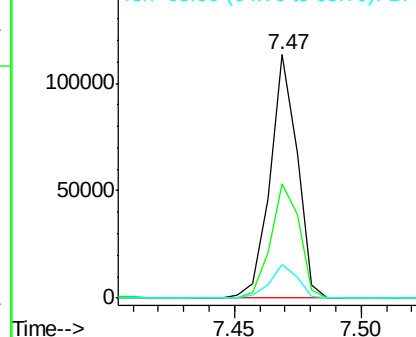


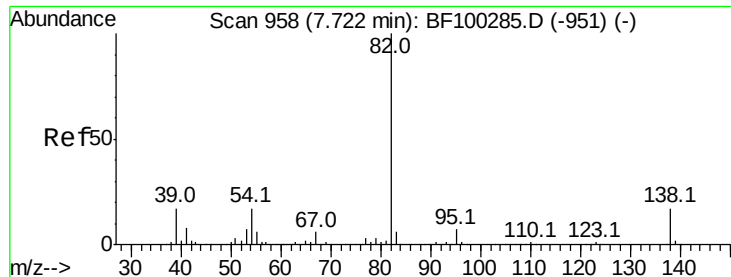
#24
Nitrobenzene
Concen: 16.885 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 77 Resp: 85225
Ion Ratio Lower Upper
77 100
123 46.8 37.9 56.9
65 13.6 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: 14.912 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

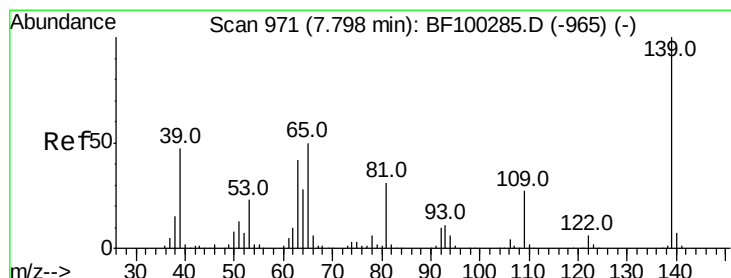
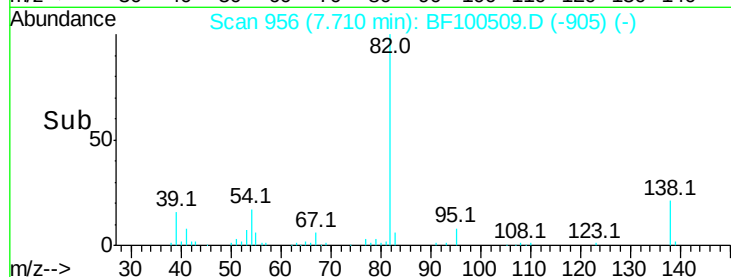
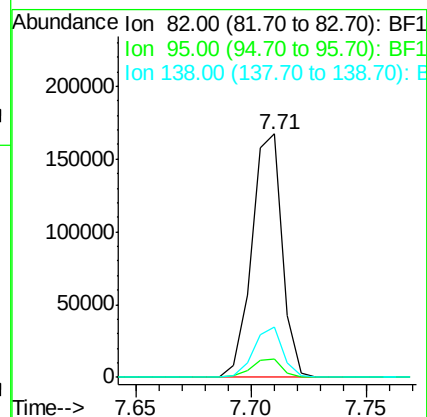
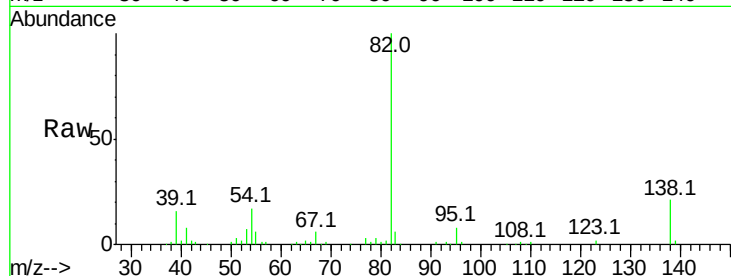
Tot Ion: 82 Resp: 153680

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

138 20.7 14.9 22.3



#26

2-Nitrophenol

Concen: 19.199 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

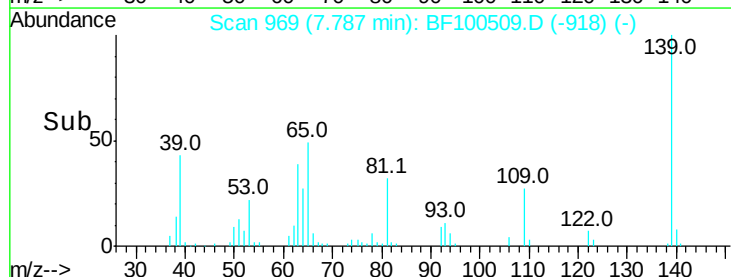
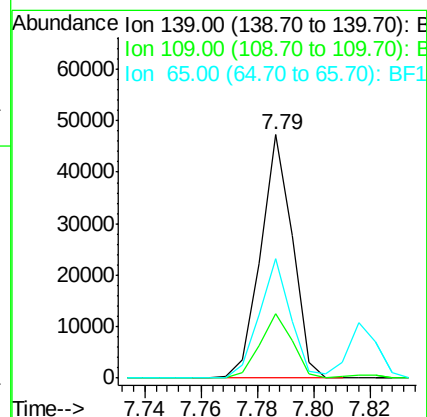
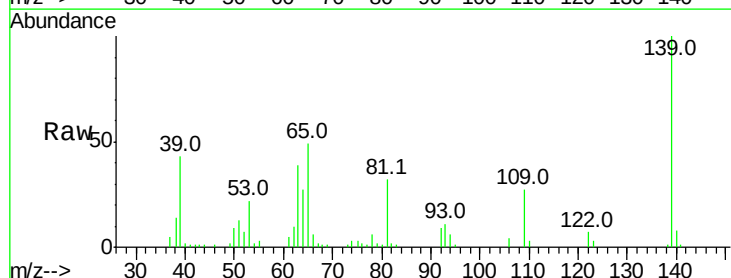
Tgt Ion: 139 Resp: 36834

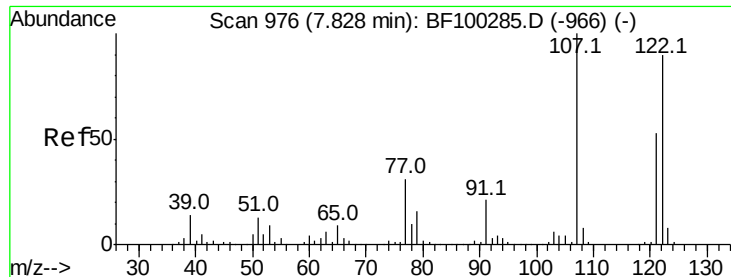
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 49.0 40.5 60.7

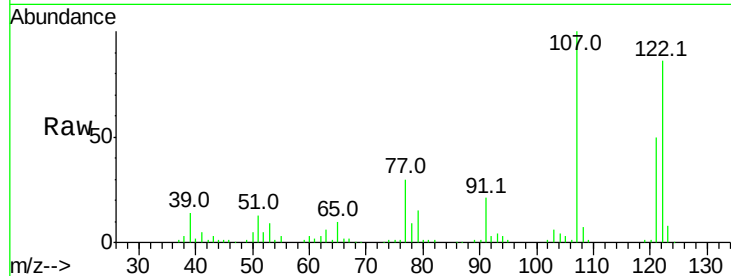




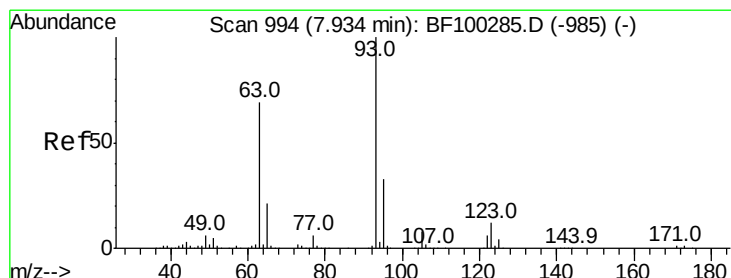
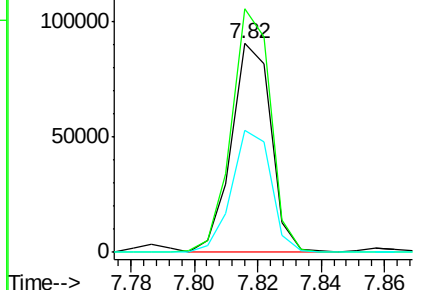
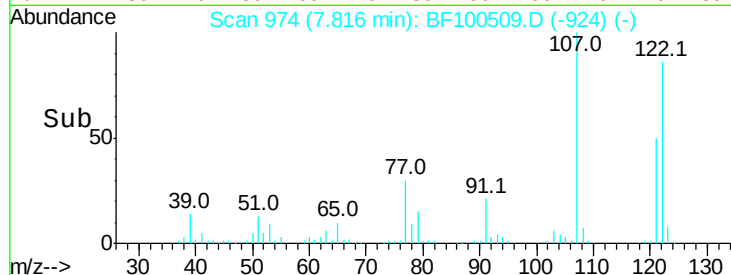
#27
2,4-Dimethylphenol
Concen: 16.954 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

Tot Ion:122 Resp: 78321
Ion Ratio Lower Upper
122 100
107 116.7 91.2 136.8
121 58.6 47.2 70.8

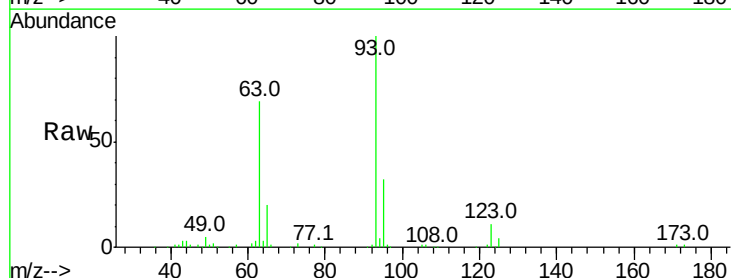


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

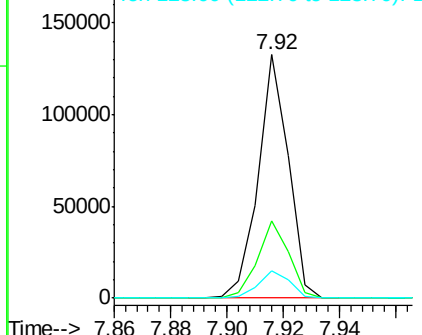
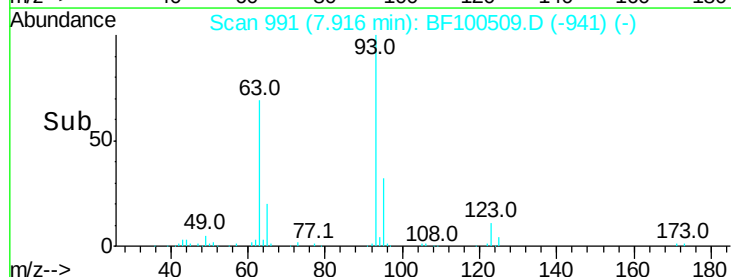


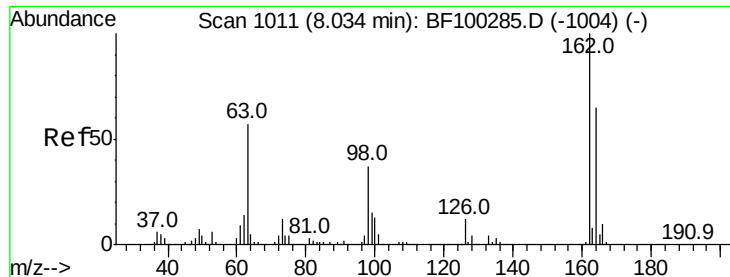
#28
bis(2-Chloroethoxy)methane
Concen: 14.602 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 93 Resp: 98433
Ion Ratio Lower Upper
93 100
95 31.6 26.3 39.5
123 11.0 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 16.754 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

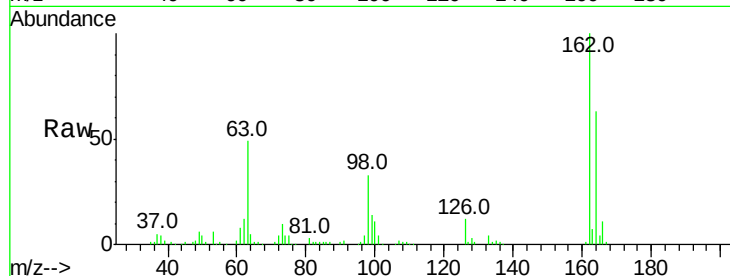
Tot Ion:162 Resp: 73891

Ion Ratio Lower Upper

162 100

164 62.9 42.7 82.7

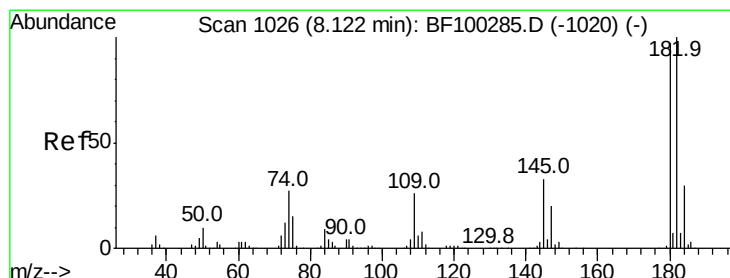
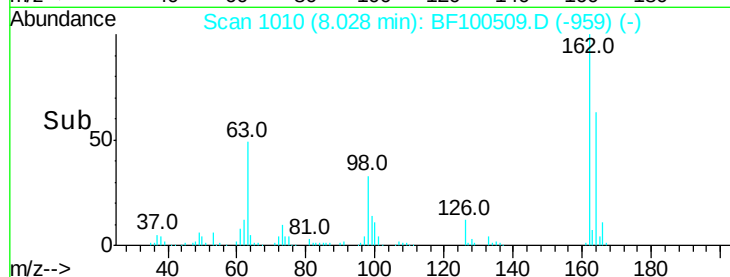
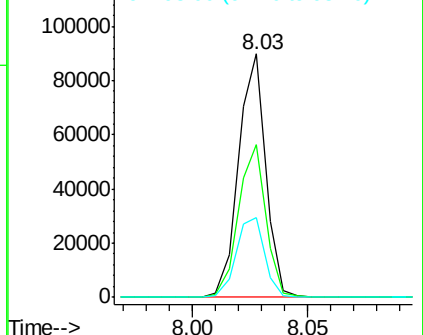
98 33.0 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 16.737 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

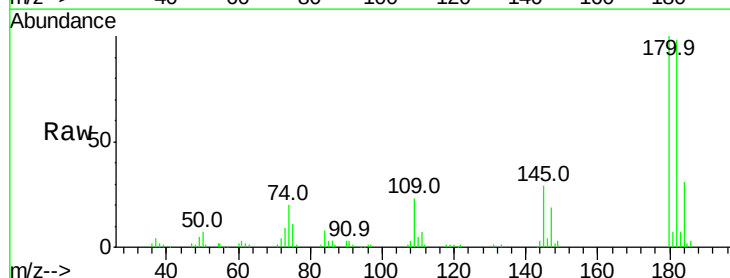
Tgt Ion:180 Resp: 79846

Ion Ratio Lower Upper

180 100

182 98.4 76.8 115.2

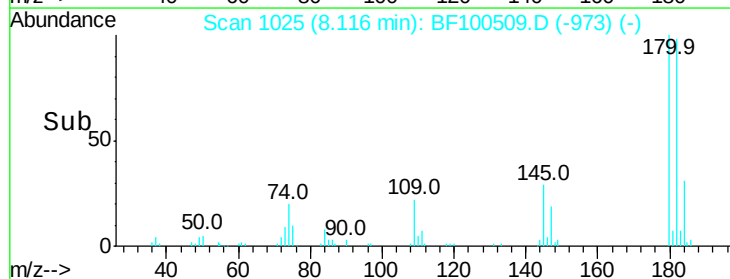
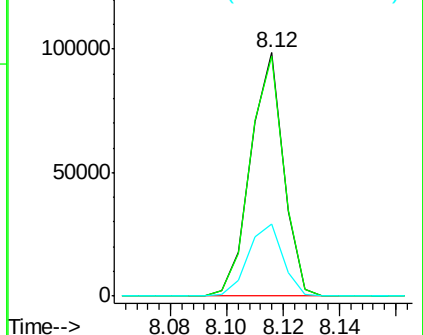
145 29.4 26.5 39.7

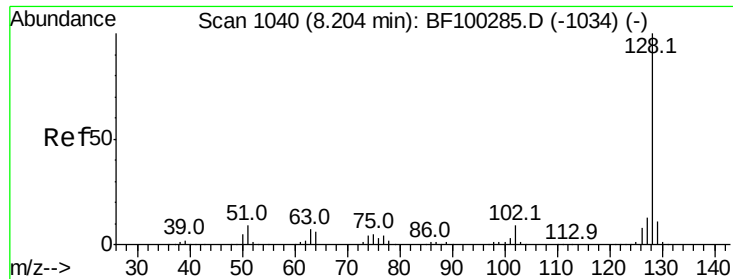


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

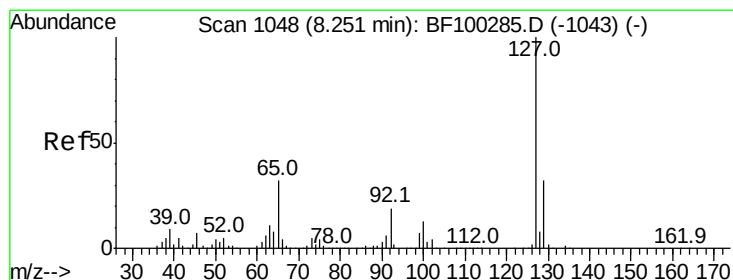
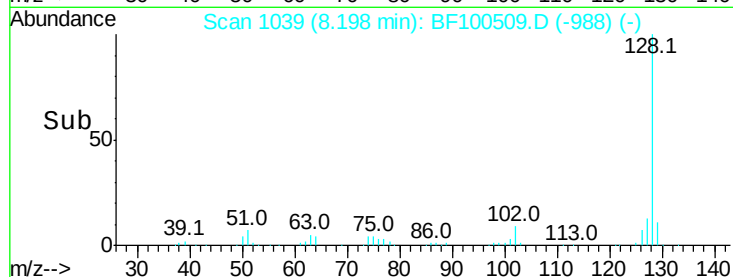
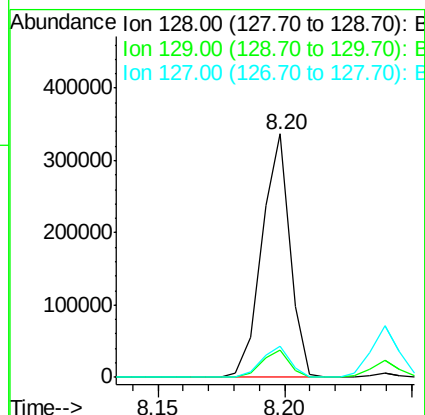
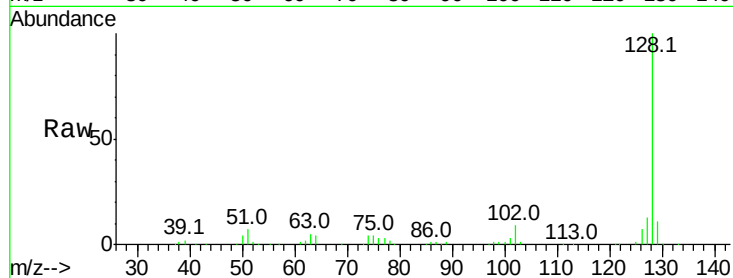




#31
Naphthalene
Concen: 16.748 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

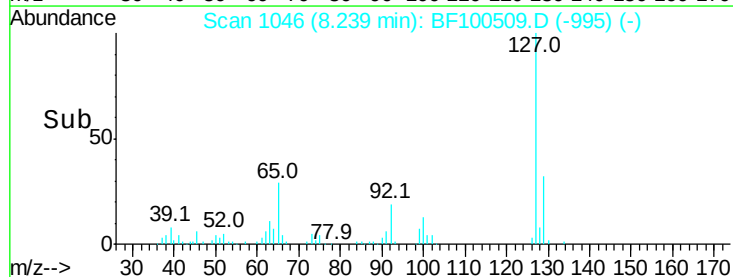
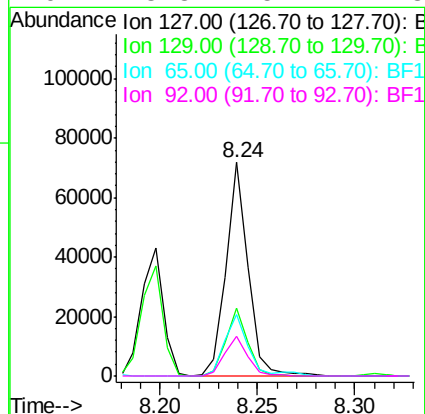
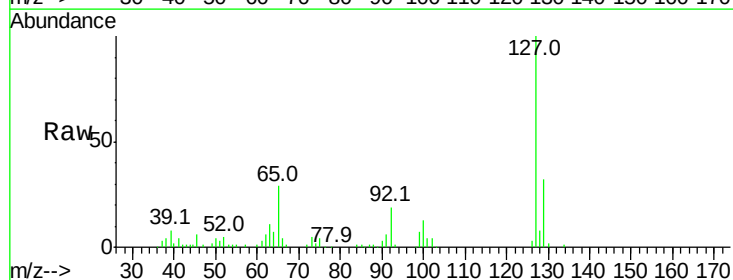
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

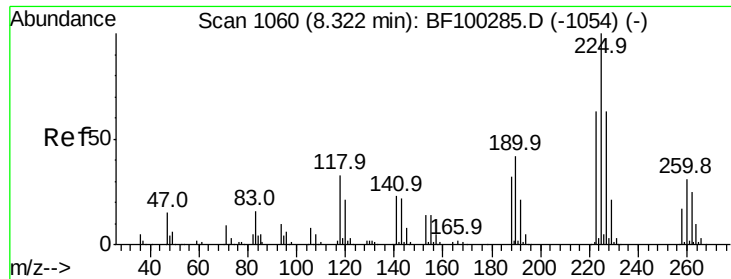
Tot Ion:128 Resp: 261542
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.9 16.3



#33
4-Chloroaniline
Concen: 8.681 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion:127 Resp: 56427
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9
65 28.7 25.0 37.4
92 18.8 15.2 22.8

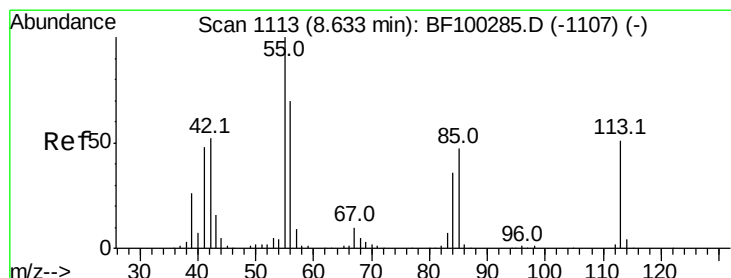
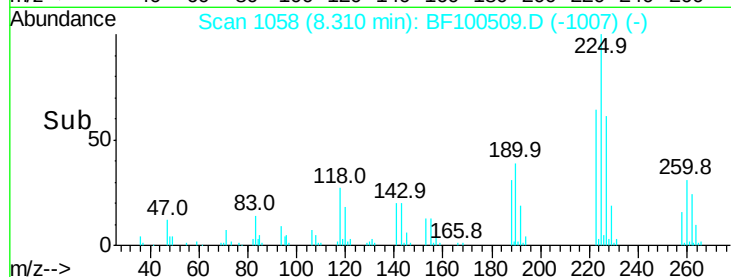
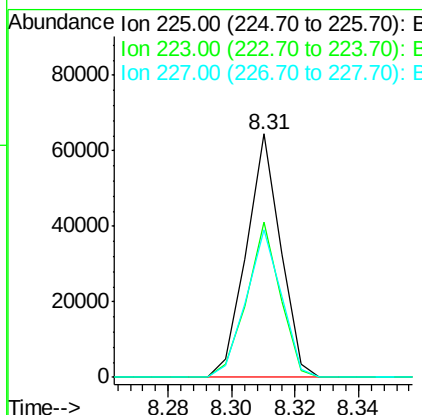
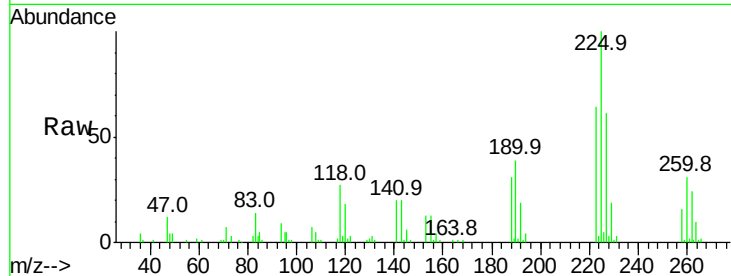




#34
Hexachlorobutadiene
Concen: 17.007 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

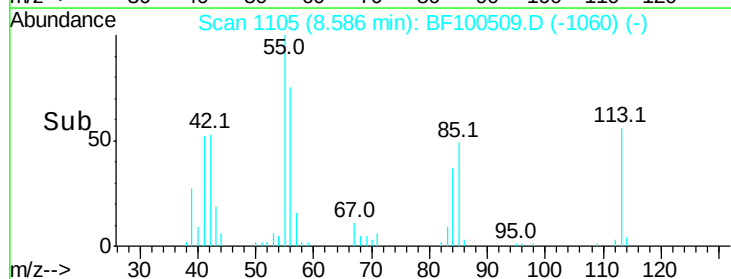
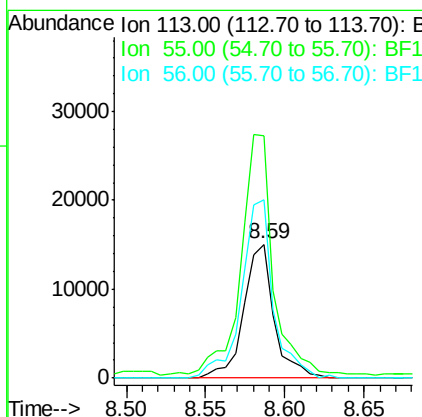
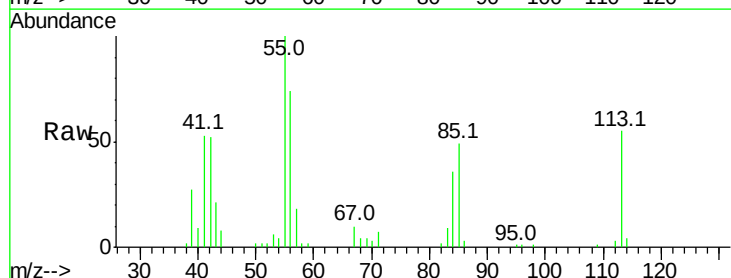
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

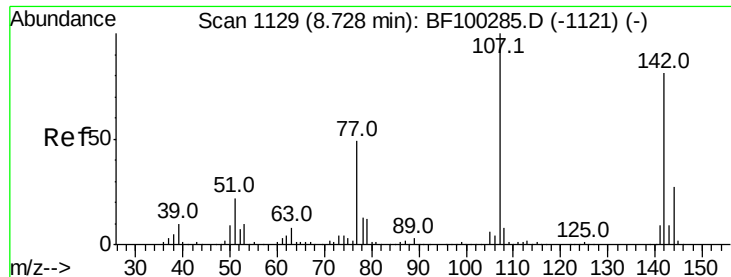
Tot Ion:225 Resp: 48240
Ion Ratio Lower Upper
225 100
223 64.0 50.6 76.0
227 60.7 51.9 77.9



#35
Caprolactam
Concen: 13.226 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.04 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion:113 Resp: 20017
Ion Ratio Lower Upper
113 100
55 180.7 163.3 203.3
56 133.0 115.7 155.7

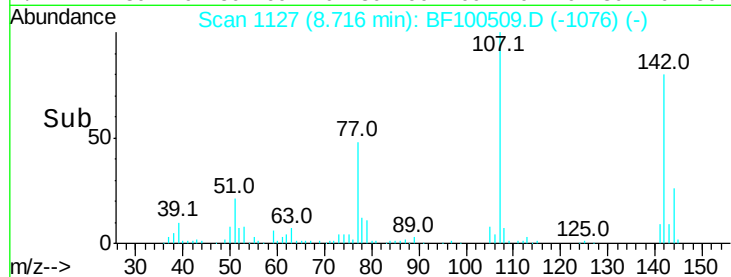
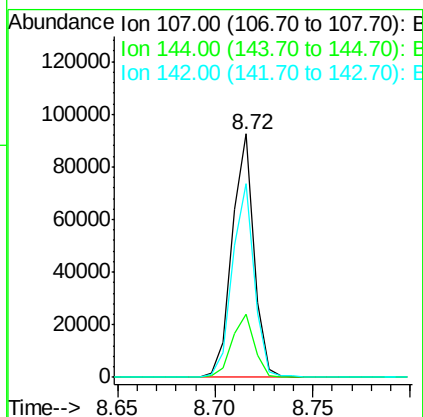
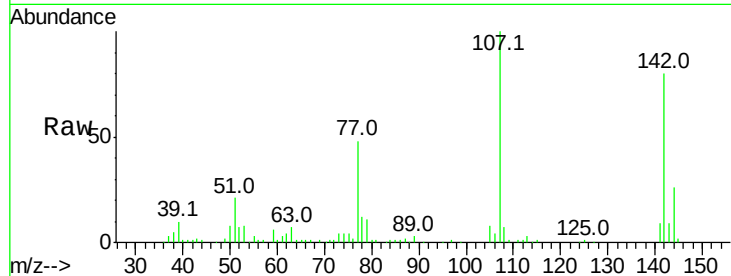




#36
 4-Chloro-3-methylphenol
 Concen: 15.217 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

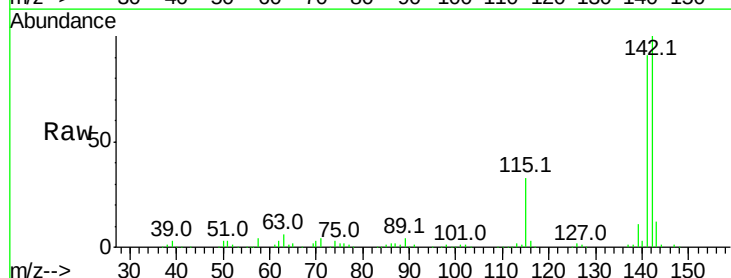
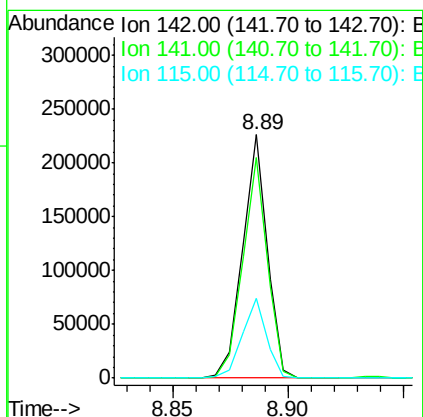
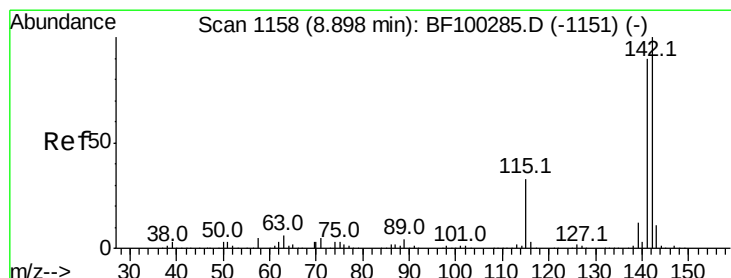
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

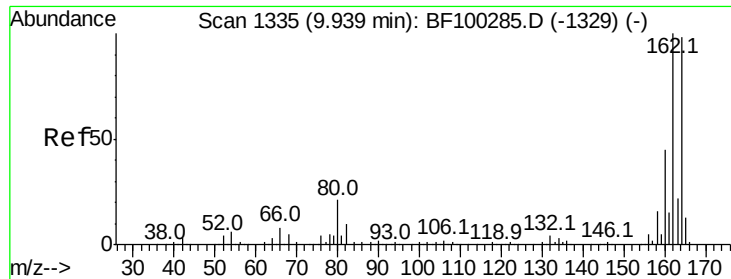
Tot Ion:107 Resp: 72078
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 79.7 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 16.336 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion:142 Resp: 169372
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.8 106.2
 115 33.0 26.1 39.1

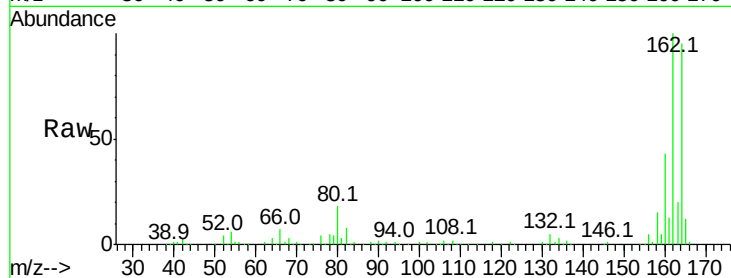




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.8	38.3	57.5

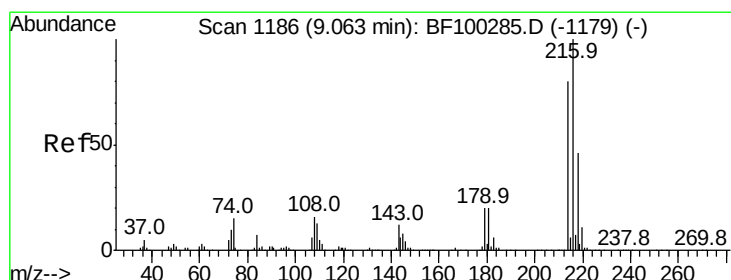
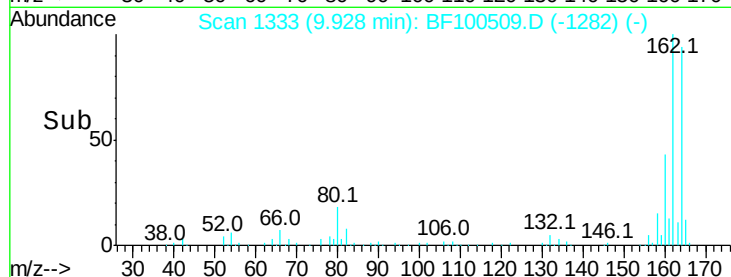
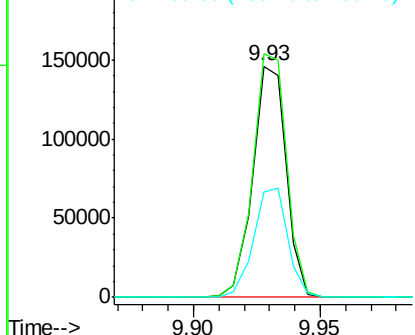


Abundance

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: 17.092 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.0	94.4
179	20.1	18.1	27.1
108	14.7	17.2	25.8#

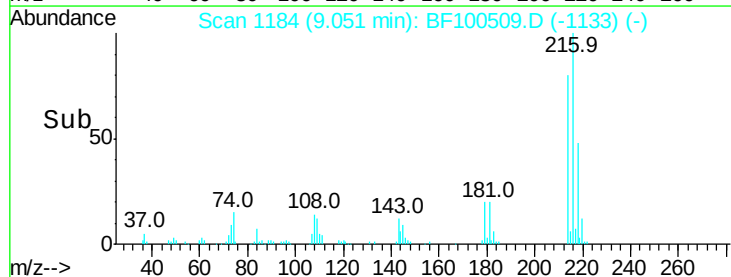
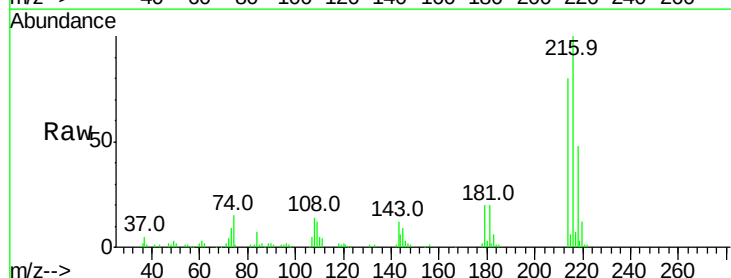
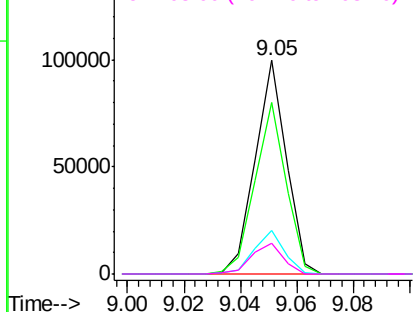
Abundance

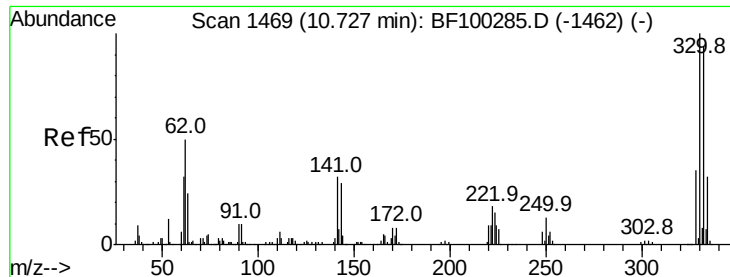
Ion 216.00 (215.70 to 216.70): E

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

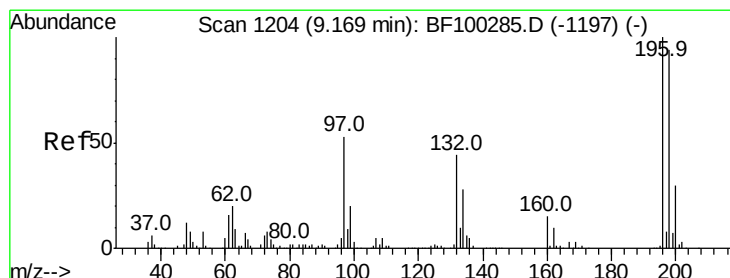
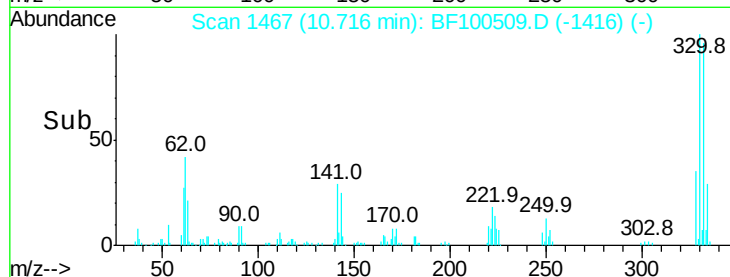
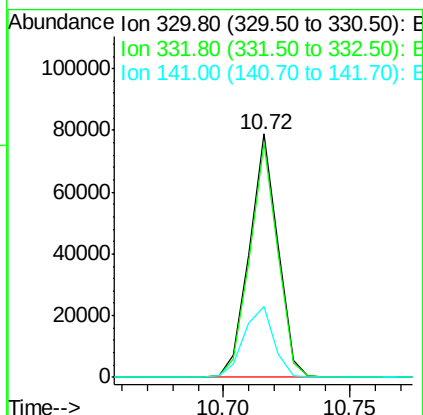
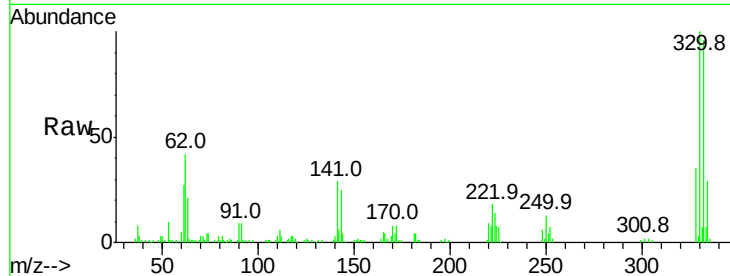




#41
 2,4,6-Tribromophenol
 Concen: 44.994 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

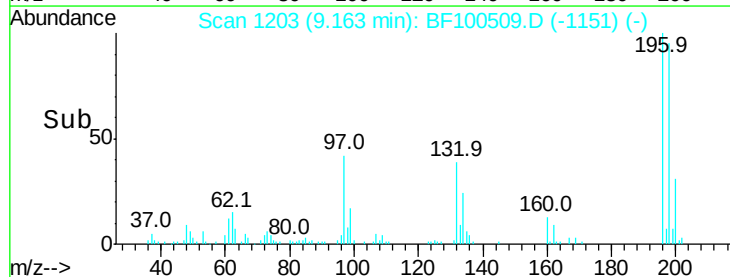
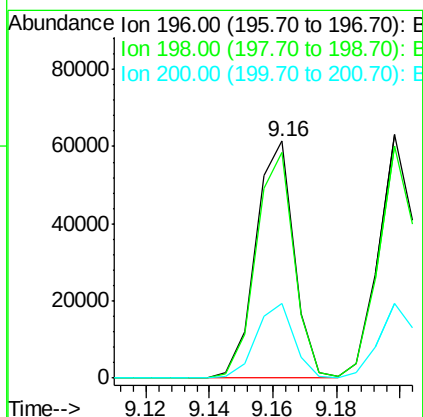
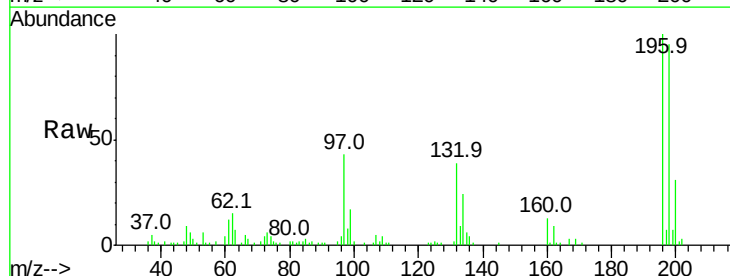
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

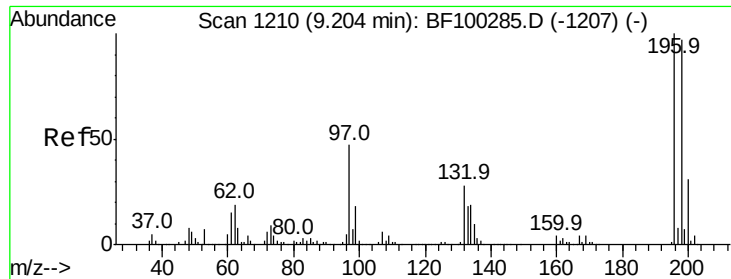
Tot Ion:330 Resp: 61776
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 30.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 18.147 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion:196 Resp: 51395
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 31.3 24.5 36.7

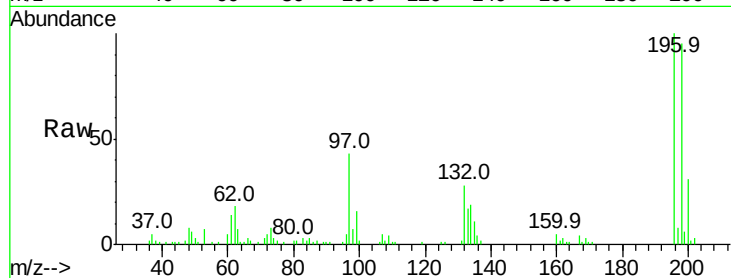




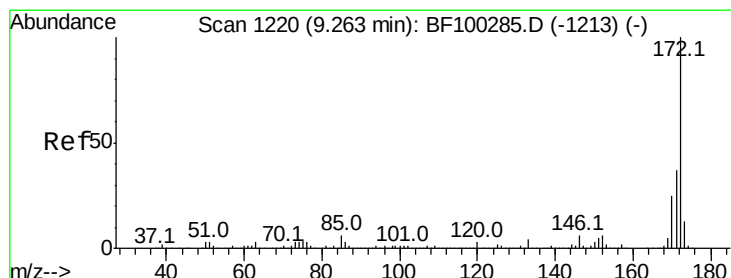
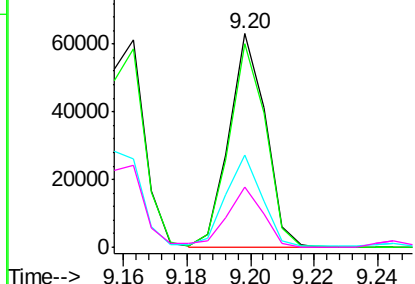
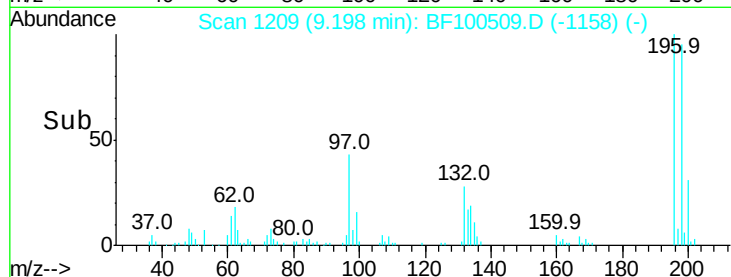
#43
 2,4,5-Trichlorophenol
 Concen: 17.057 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

Tot Ion:	196	Resp:	50049
Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.6	112.0
97	43.4	42.9	64.3
132	28.4	26.3	39.5

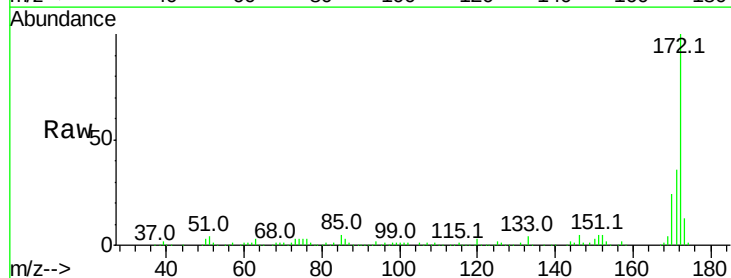


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

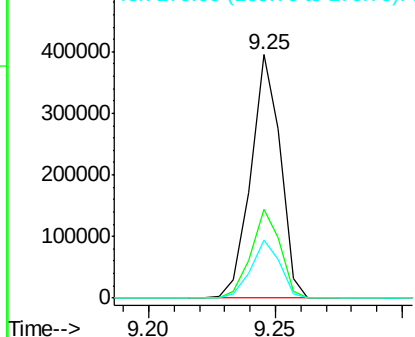
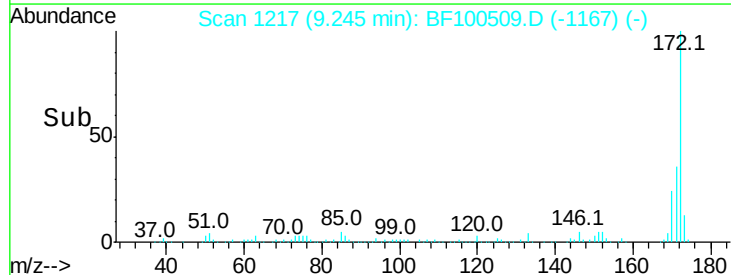


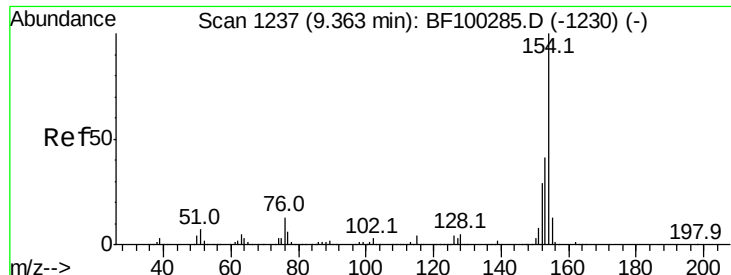
#44
 2-Fluorobiphenyl
 Concen: 36.119 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion:	172	Resp:	319598
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	19.6	29.4



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

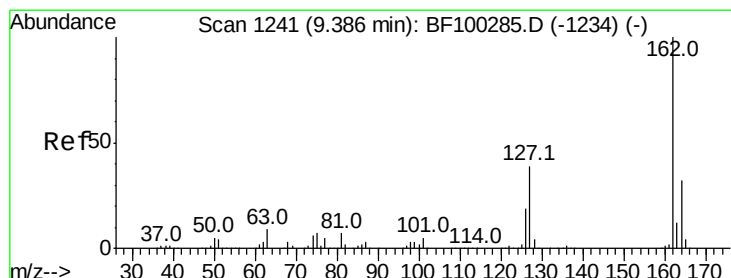
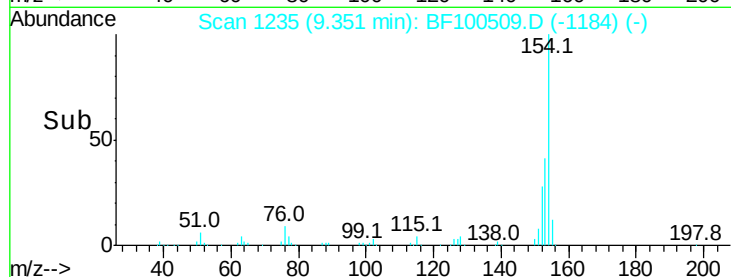
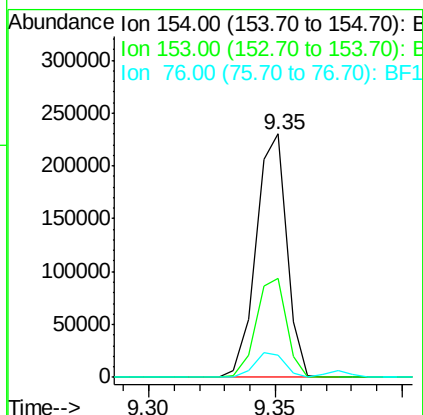
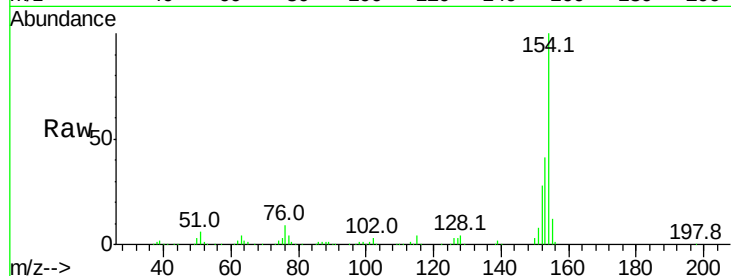




#45
 1,1'-Biphenyl
 Concen: 16.738 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

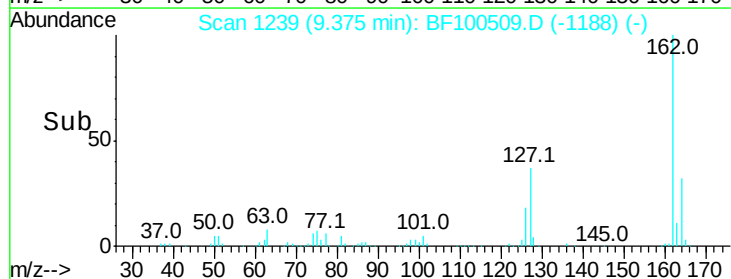
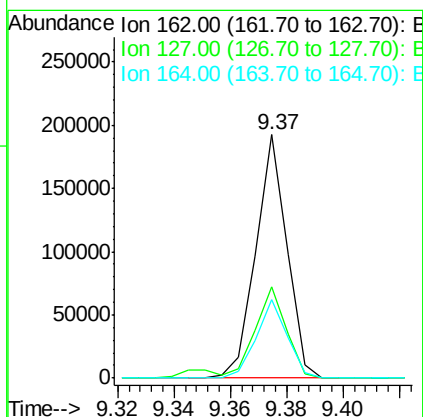
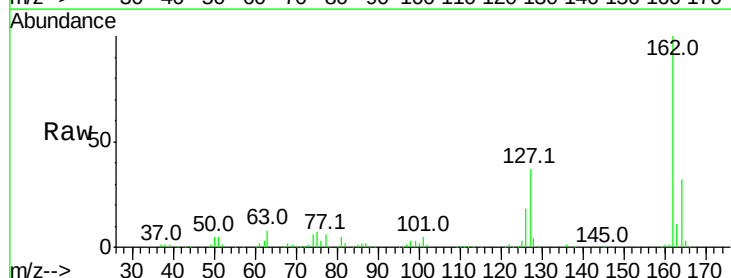
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

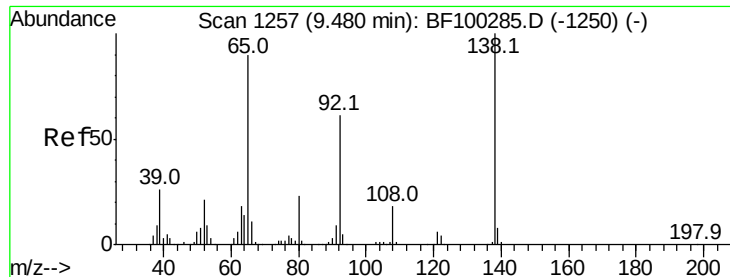
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	9.0	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 17.343 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	33.9	50.9
164	32.4	26.5	39.7





#47

2-Nitroaniline

Concen: 18.748 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

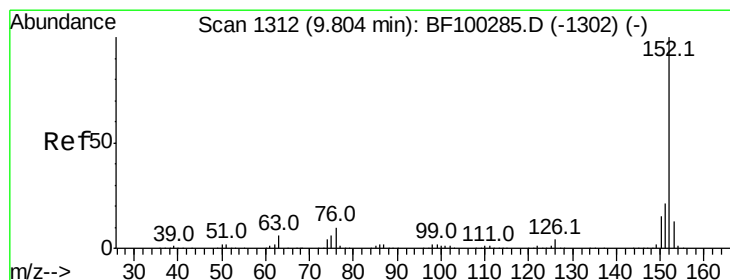
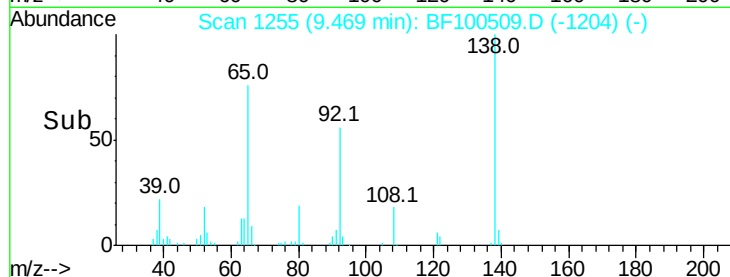
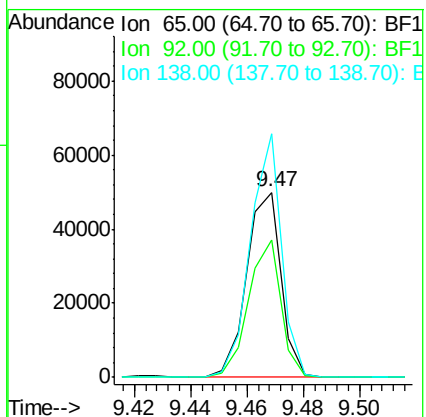
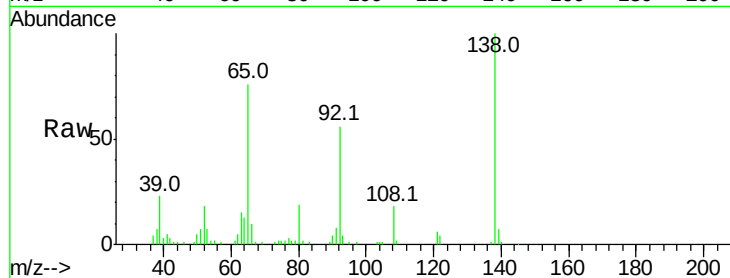
Tot Ion: 65 Resp: 42335

Ion Ratio Lower Upper

65 100

92 74.0 55.8 83.6

138 131.6 91.2 136.8



#48

Acenaphthylene

Concen: 15.971 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

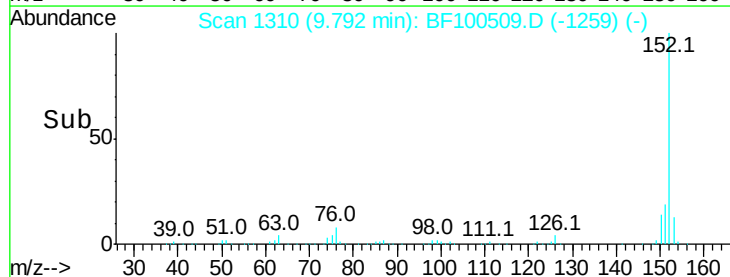
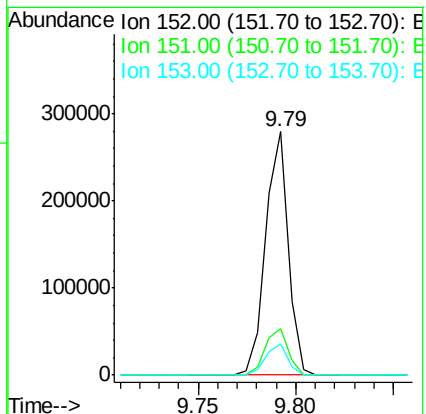
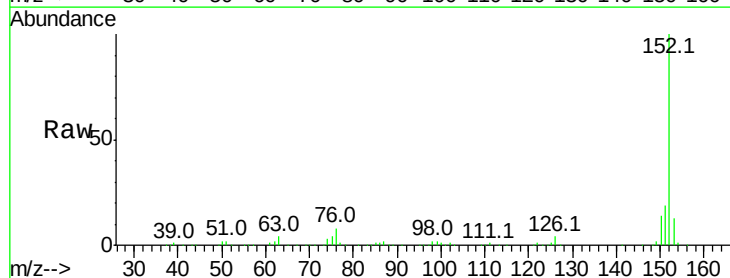
Tgt Ion: 152 Resp: 223767

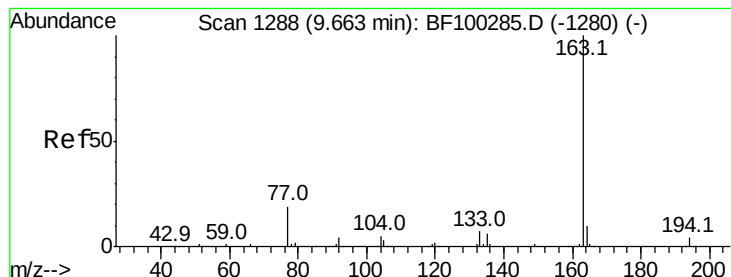
Ion Ratio Lower Upper

152 100

151 19.3 16.3 24.5

153 12.6 10.7 16.1





#49

Dimethylphthalate

Concen: 22.133 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

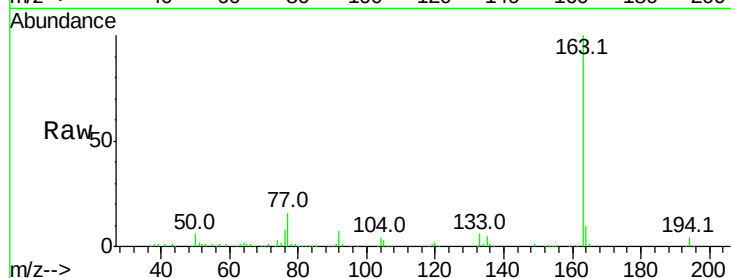
Tot Ion:163 Resp: 227688

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

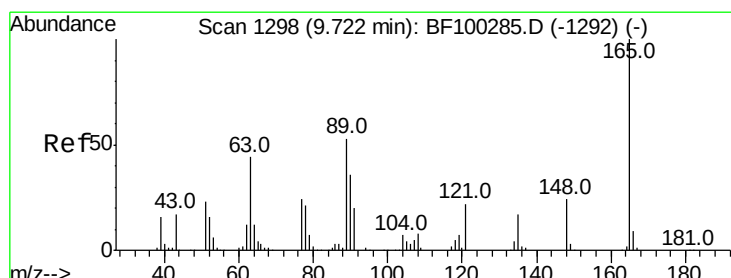
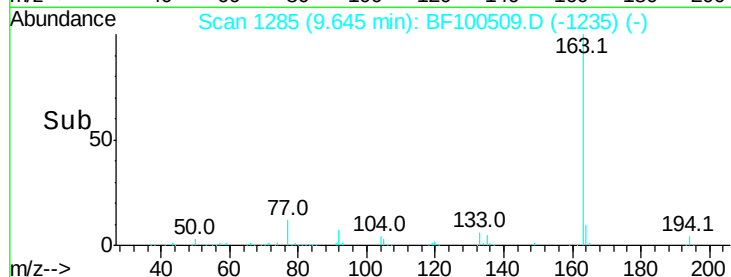
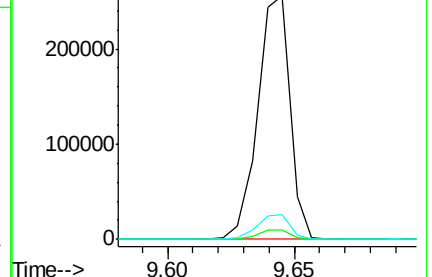
164 9.9 8.2 12.2



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: 15.414 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

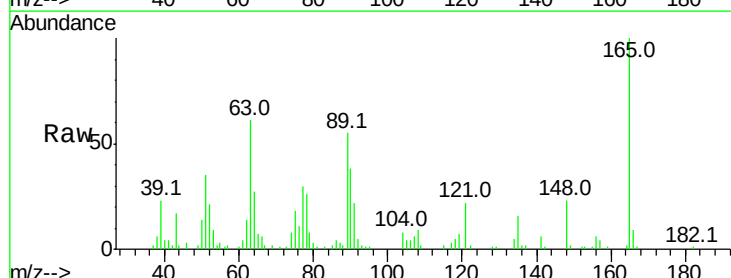
Tgt Ion:165 Resp: 31389

Ion Ratio Lower Upper

165 100

63 61.3 44.7 67.1

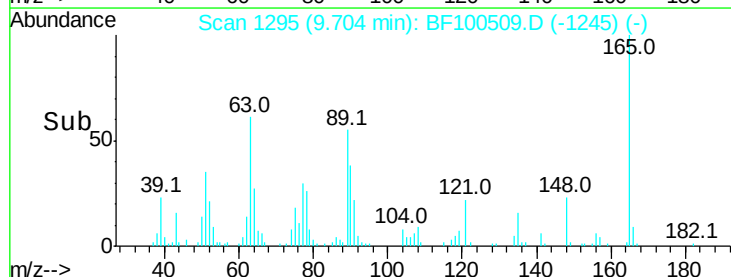
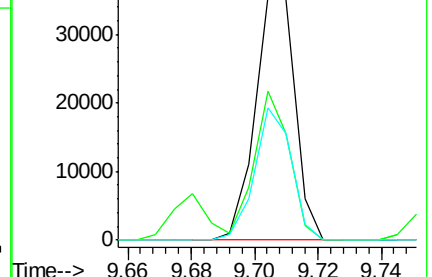
89 54.5 44.0 66.0

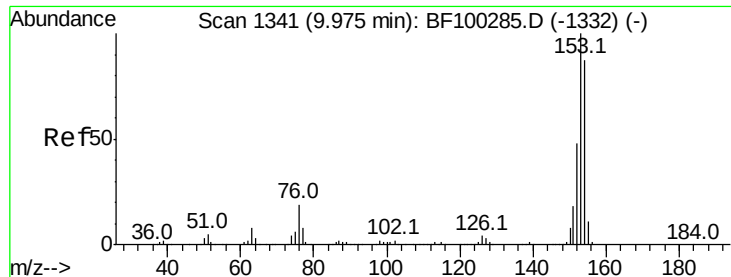


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 15.407 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

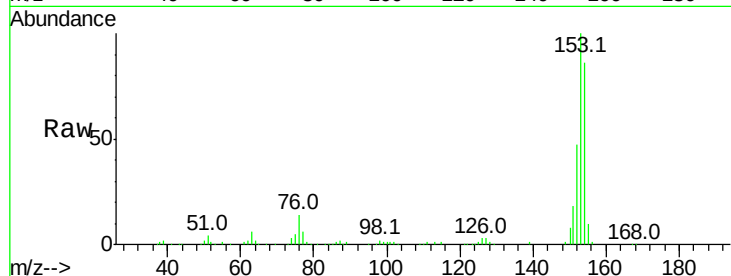
Tot Ion:154 Resp: 131281

Ion Ratio Lower Upper

154 100

153 115.8 91.2 136.8

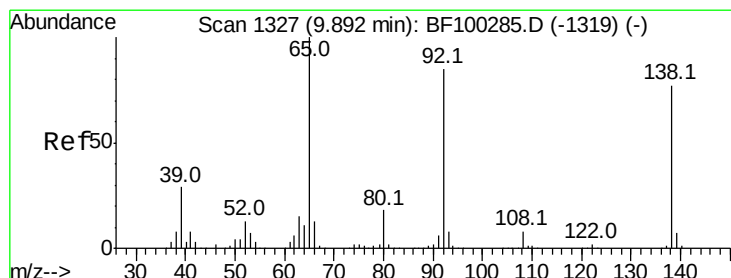
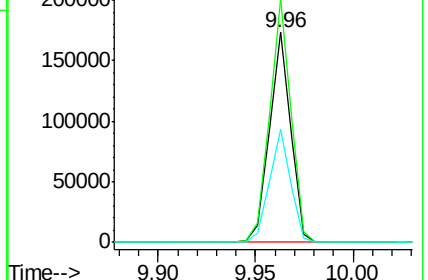
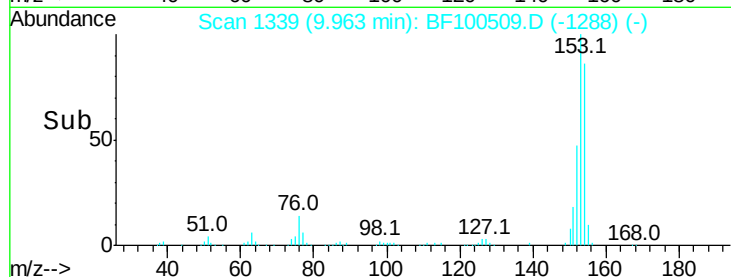
152 53.9 43.8 65.8



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: 15.268 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

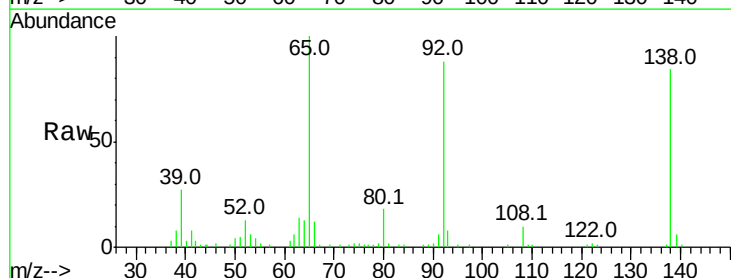
Tgt Ion:138 Resp: 36714

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.0

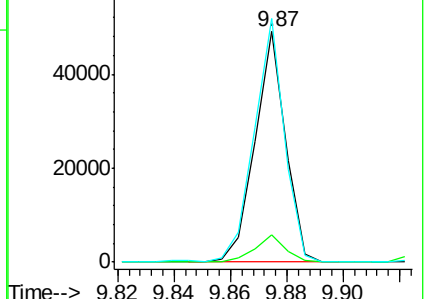
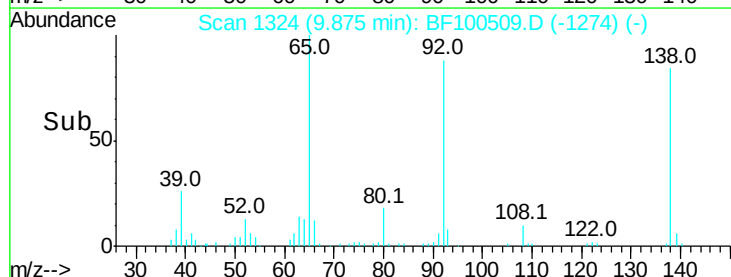
92 105.6 89.4 134.2

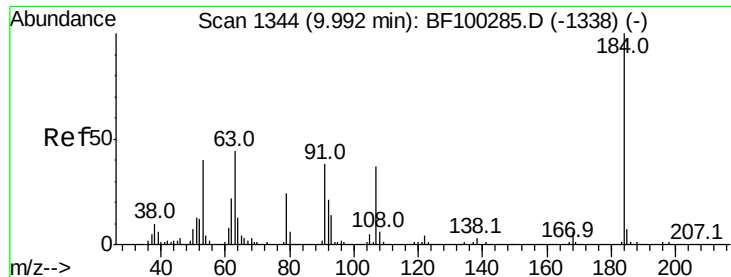


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

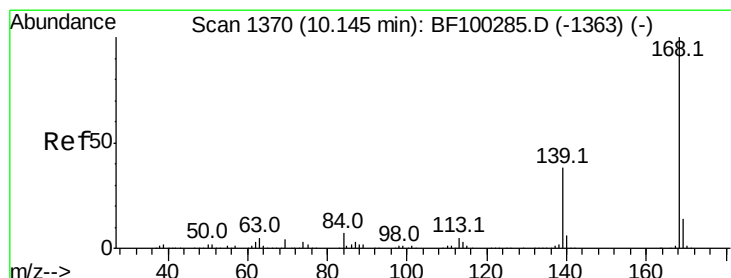
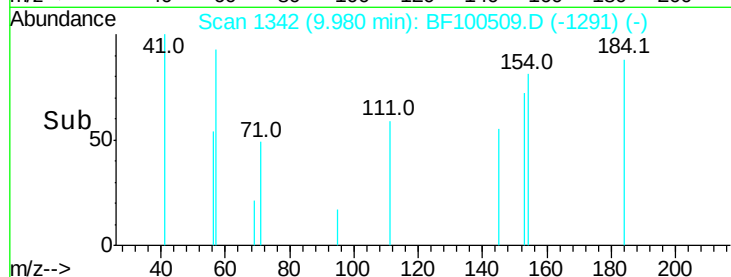
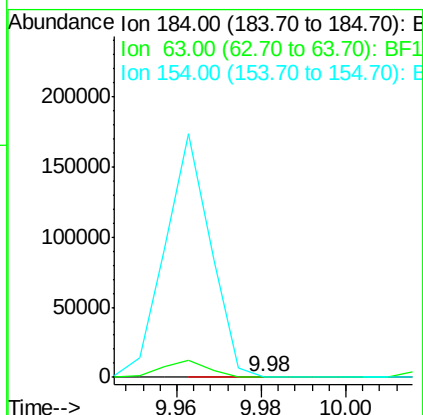
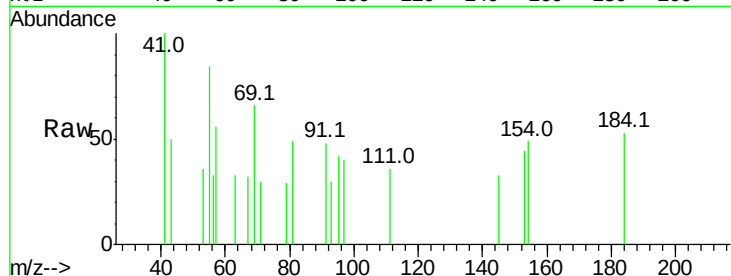




#53
 2,4-Dinitrophenol
 Concen: 8.522 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

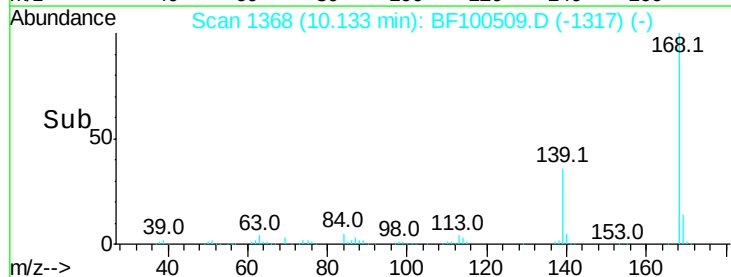
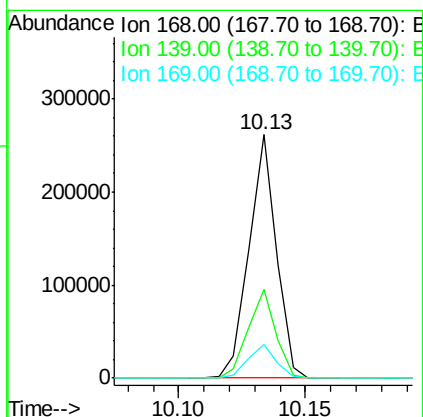
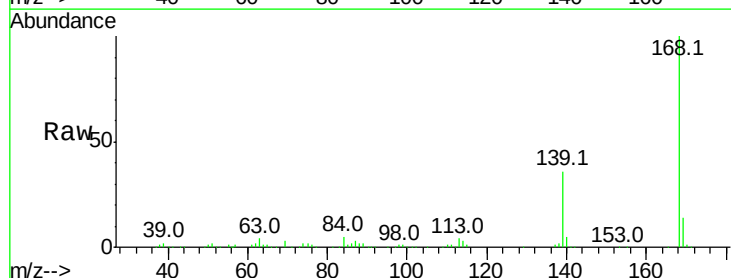
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

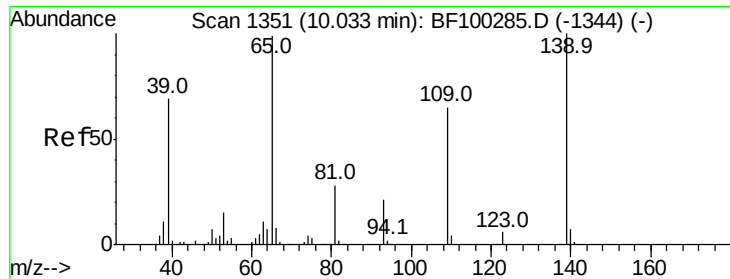
Tot Ion:184 Resp: 455
 Ion Ratio Lower Upper
 184 100
 63 62.8 54.2 81.2
 154 91.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 16.488 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion:168 Resp: 196911
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.1 45.1
 169 13.7 10.9 16.3

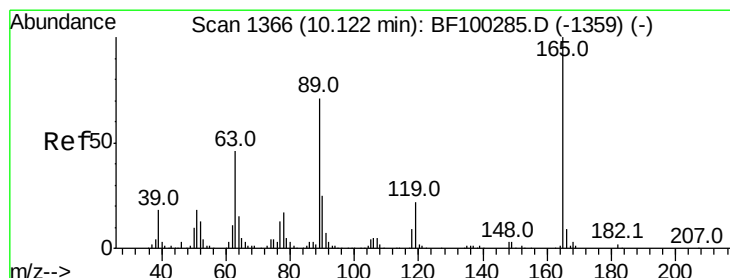
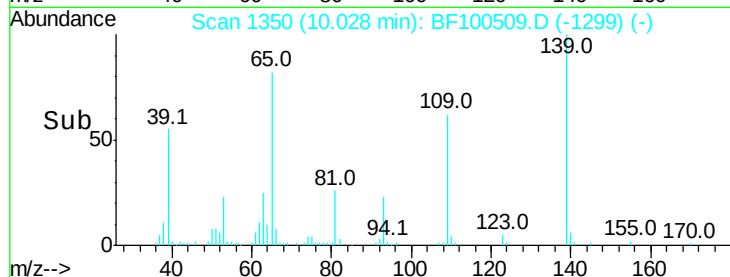
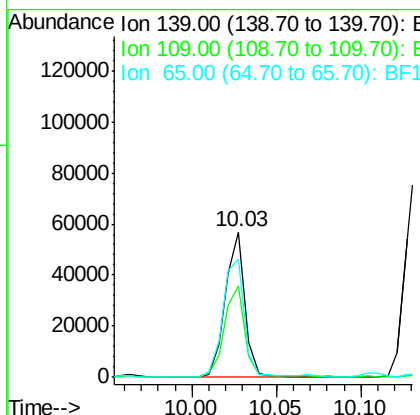
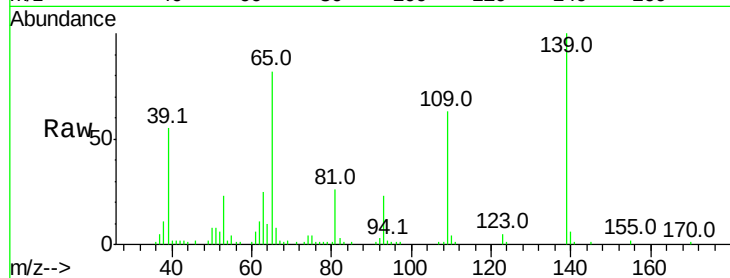




#55
4-Nitrophenol
Concen: 23.381 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

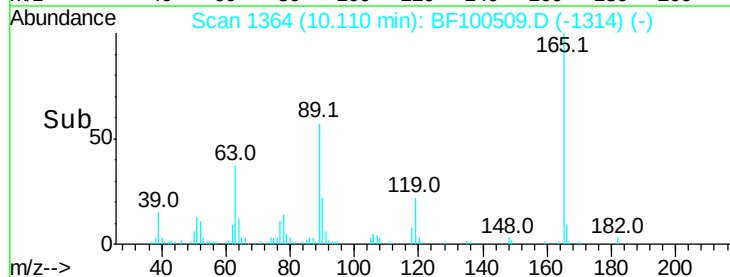
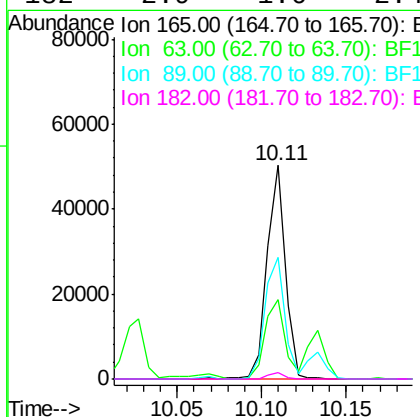
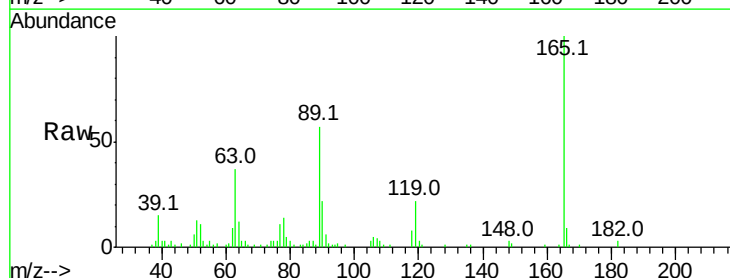
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

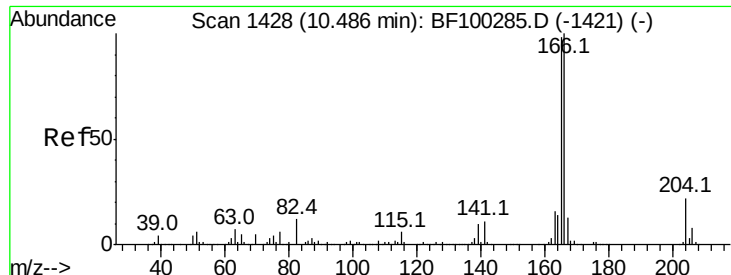
Tot Ion:139 Resp: 45652
Ion Ratio Lower Upper
139 100
109 62.5 48.4 88.4
65 81.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 14.857 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion:165 Resp: 38167
Ion Ratio Lower Upper
165 100
63 37.4 36.4 54.6
89 56.7 57.8 86.6#
182 2.9 1.6 2.4#

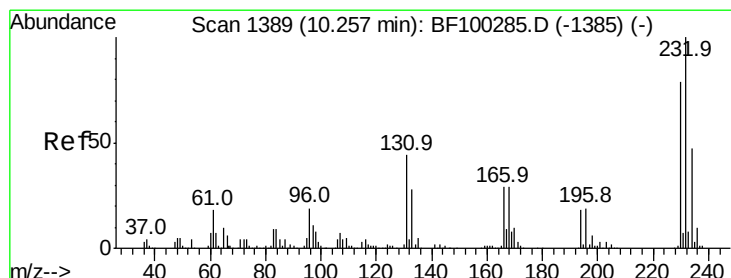
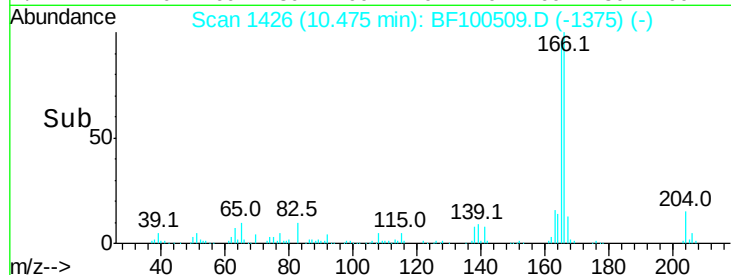
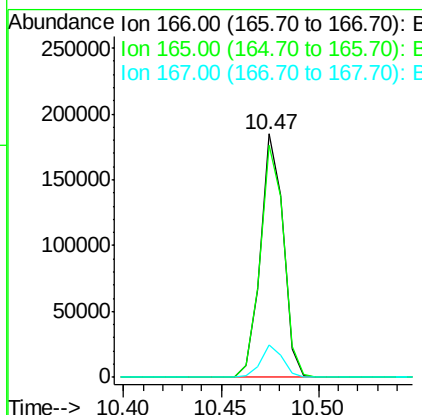
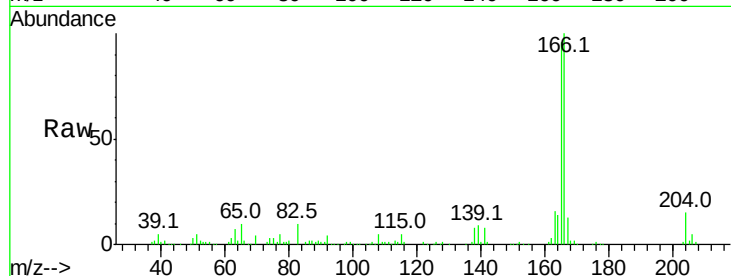




#57
 Fluorene
 Concen: 17.068 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

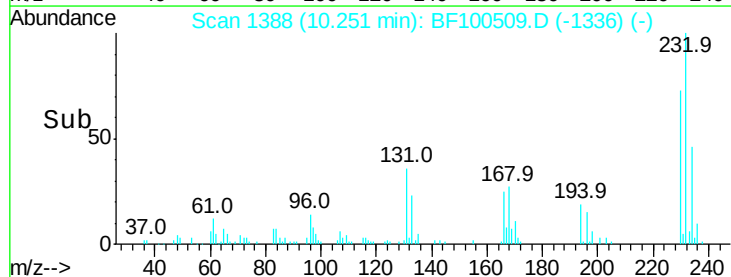
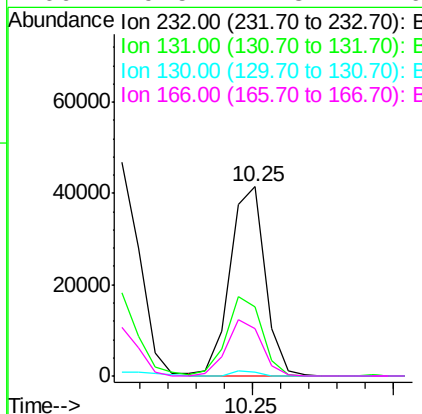
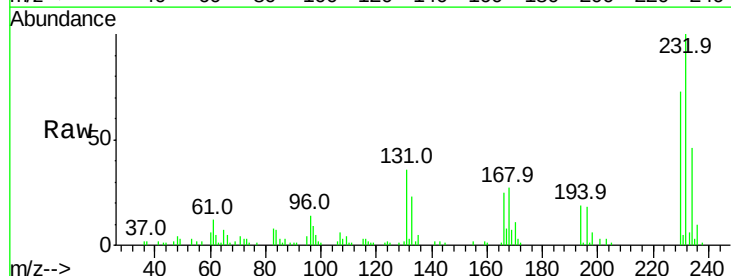
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

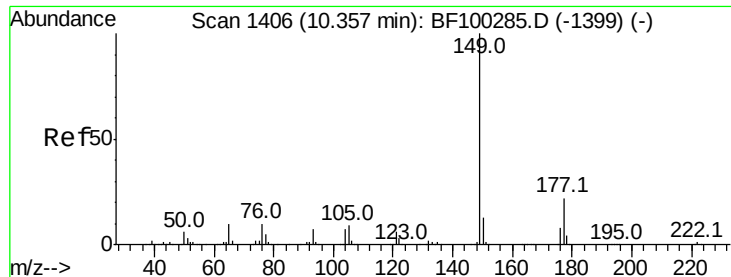
Tot Ion:166 Resp: 149326
 Ion Ratio Lower Upper
 166 100
 165 95.5 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 14.948 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion:232 Resp: 35947
 Ion Ratio Lower Upper
 232 100
 131 42.4 43.8 65.8#
 130 1.9 2.1 3.1#
 166 29.5 27.8 41.6

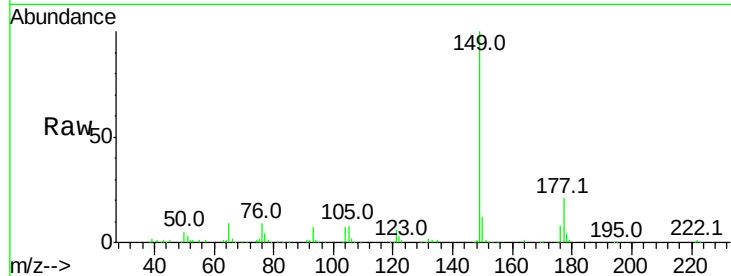




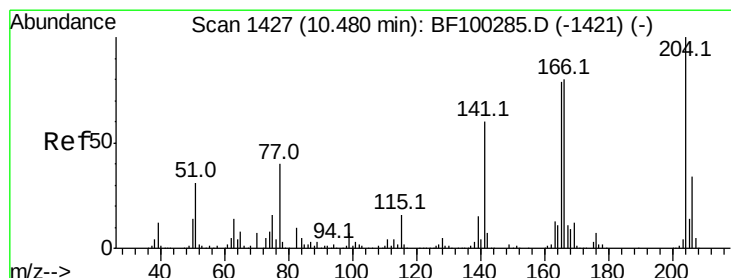
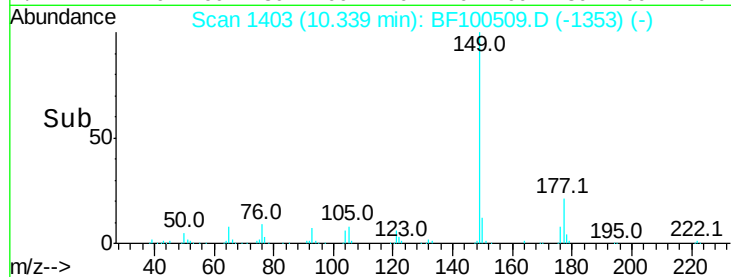
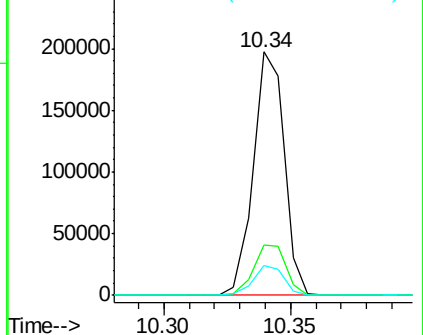
#59
Diethylphthalate
Concen: 16.363 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

Tot Ion:149 Resp: 168454
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.3 10.1 15.1

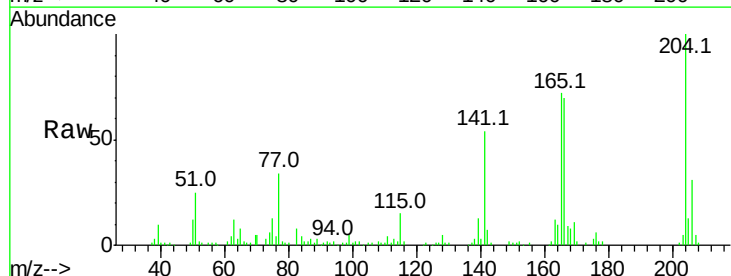


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

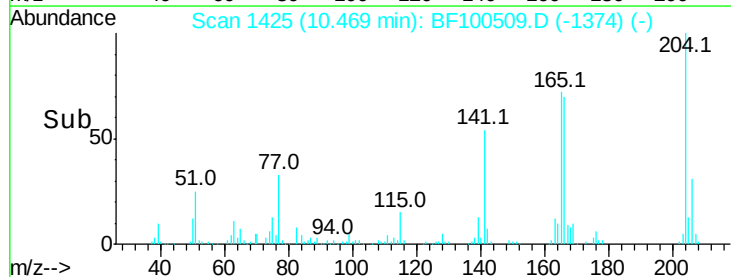
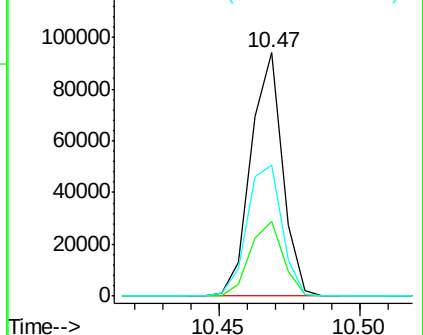


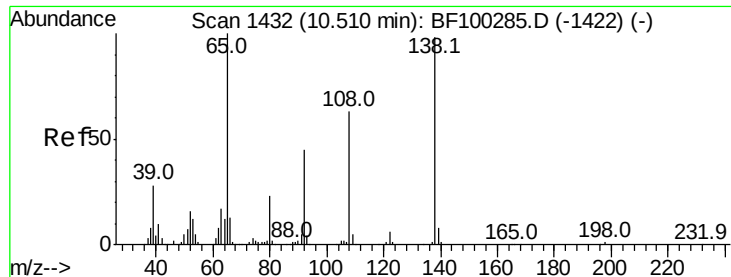
#60
4-Chlorophenyl-phenylether
Concen: 17.041 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion:204 Resp: 73135
Ion Ratio Lower Upper
204 100
206 30.8 26.5 39.7
141 53.7 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

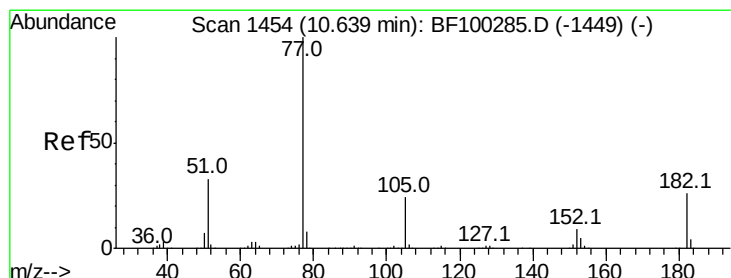
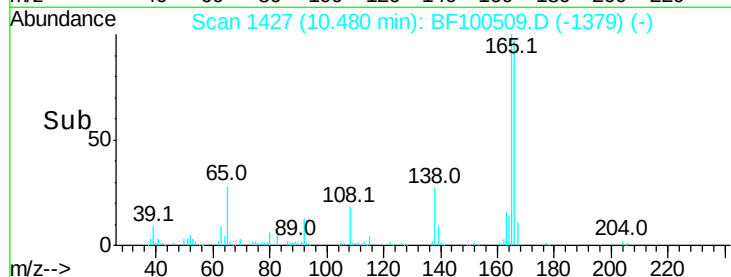
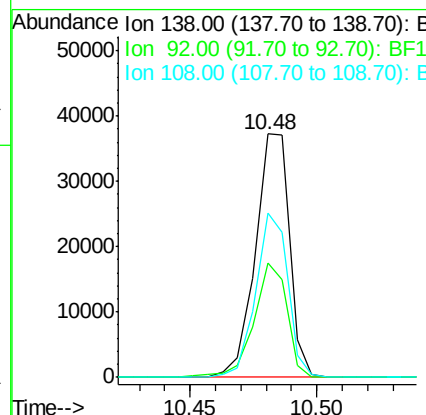
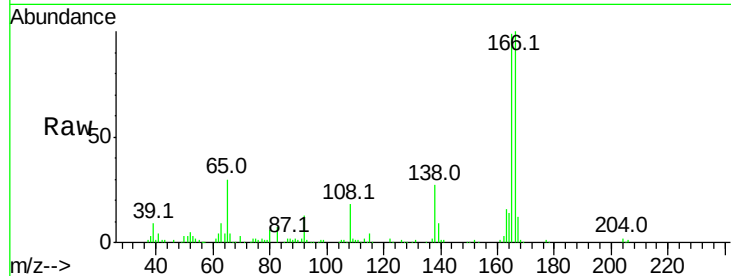




#61
4-Nitroaniline
Concen: 15.393 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

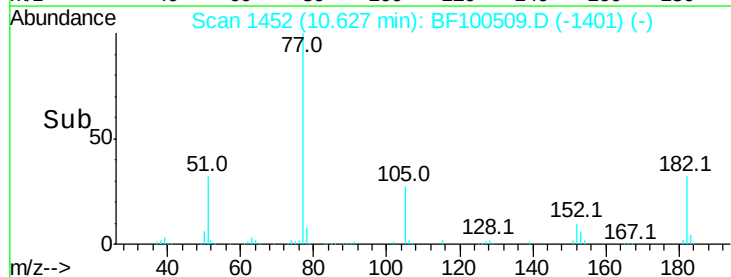
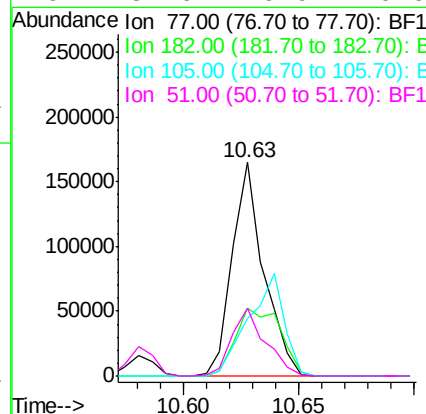
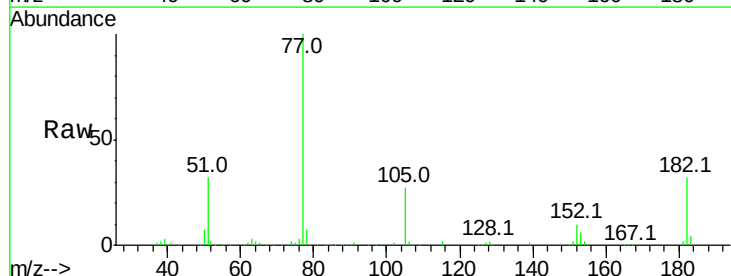
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

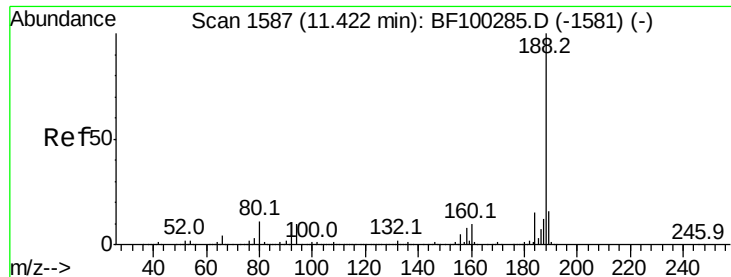
Tot Ion:138 Resp: 35098
Ion Ratio Lower Upper
138 100
92 46.8 30.2 70.2
108 67.4 52.5 92.5



#62
Azobenzene
Concen: 16.258 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 77 Resp: 157637
Ion Ratio Lower Upper
77 100
182 31.9 1.7 41.7
105 26.9 3.0 43.0
51 31.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

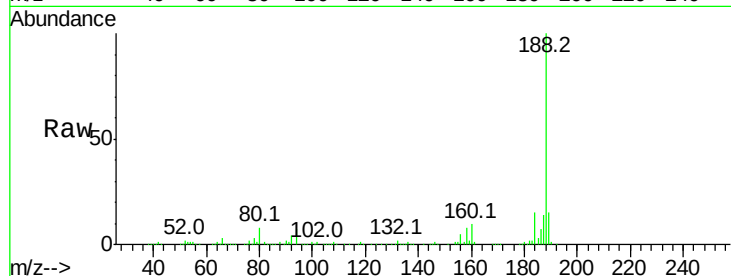
Tot Ion:188 Resp: 205418

Ion Ratio Lower Upper

188 100

94 7.3 8.5 12.7#

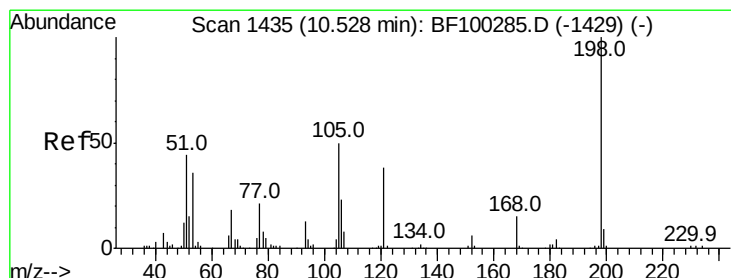
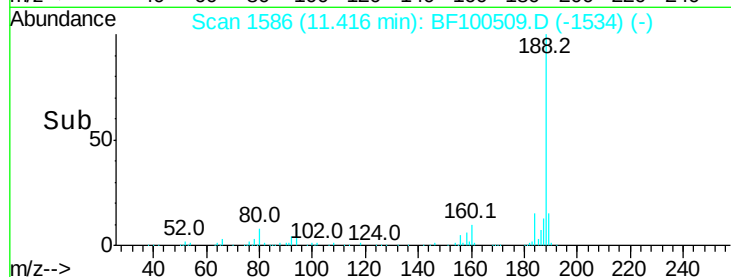
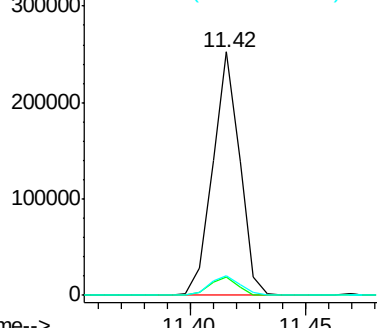
80 8.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 9.143 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

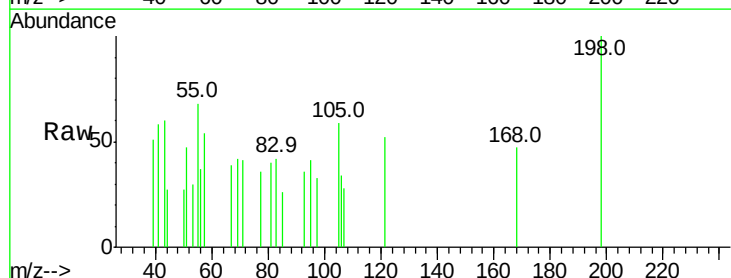
Tgt Ion:198 Resp: 724

Ion Ratio Lower Upper

198 100

51 47.0 37.7 77.7

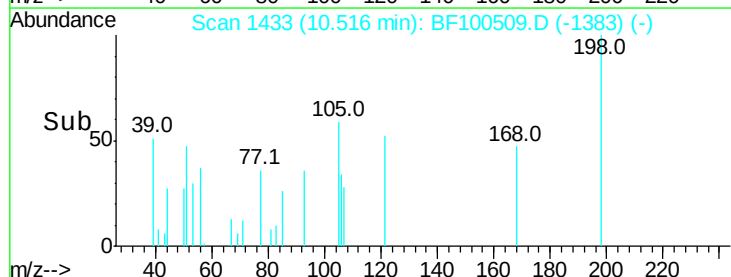
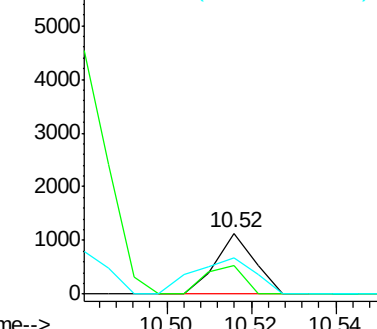
105 59.1 36.3 76.3

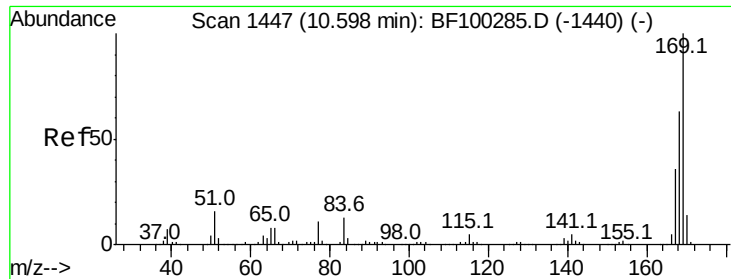


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

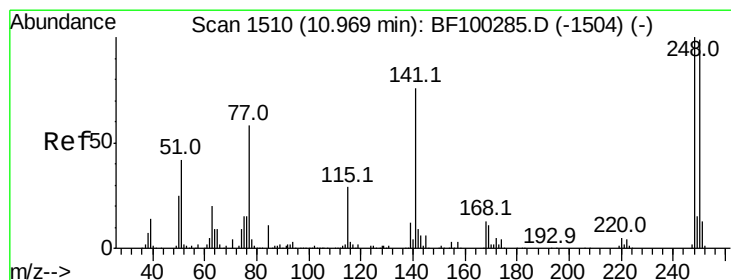
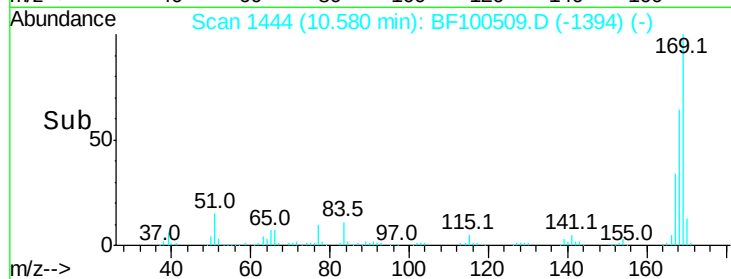
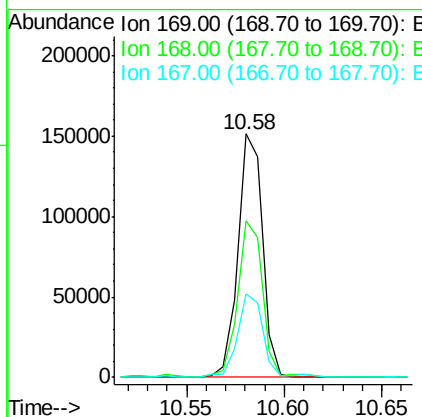
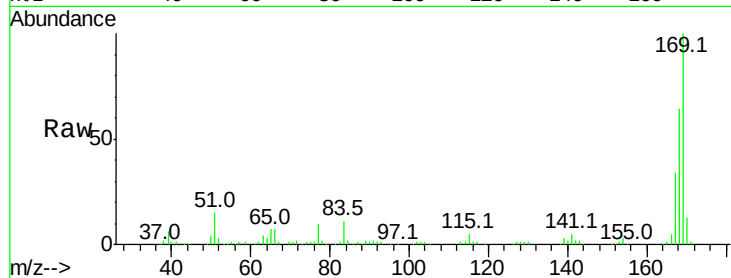




#65
 n-Nitrosodiphenylamine
 Concen: 18.475 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

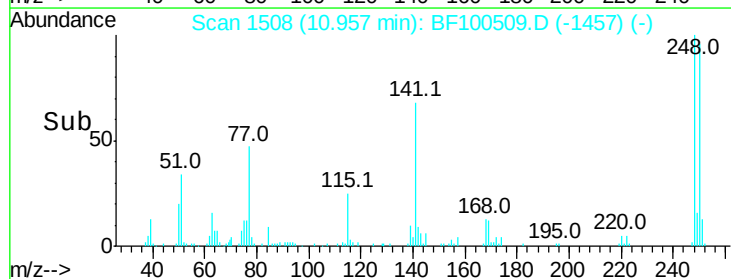
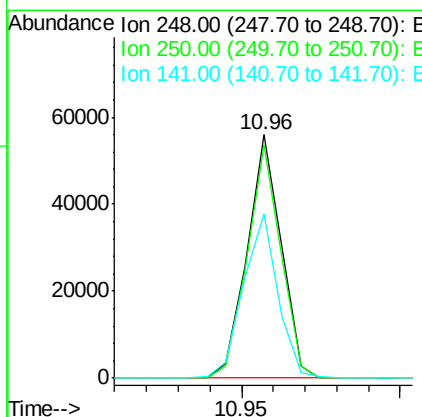
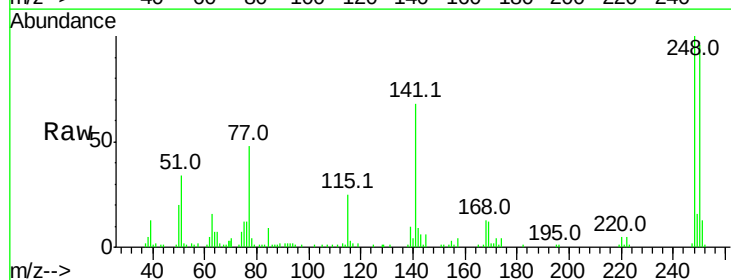
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

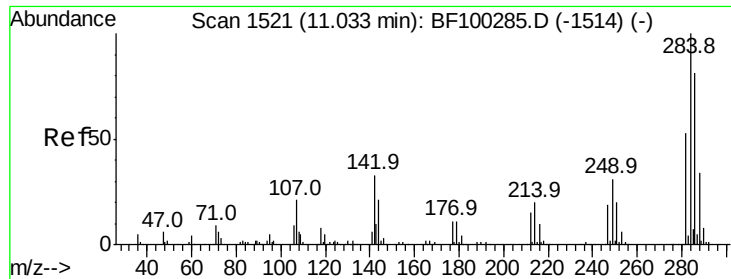
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	54.4	81.6
167	34.3	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 18.805 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	67.5	74.4	111.6#

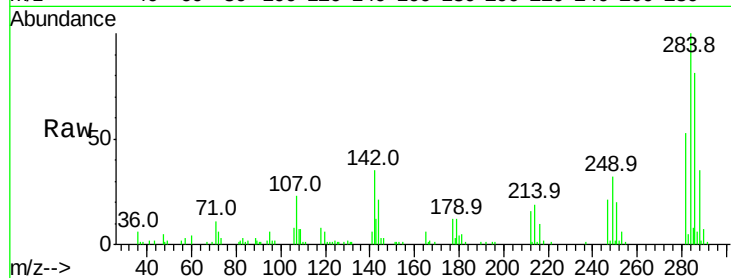




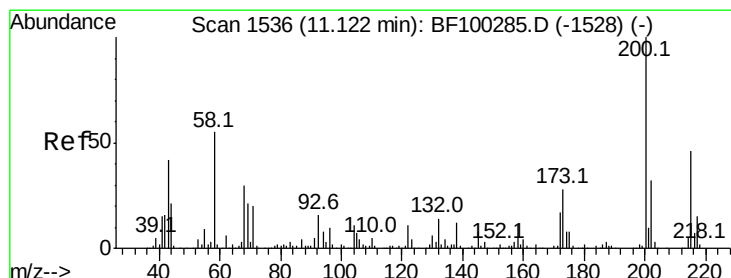
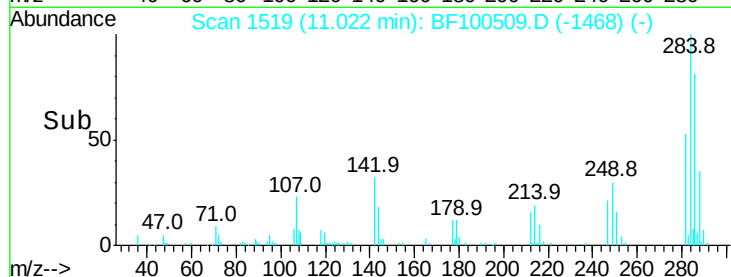
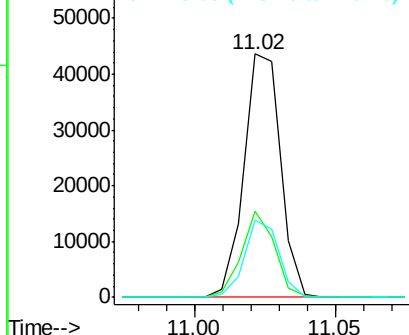
#67
Hexachlorobenzene
Concen: 17.035 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

Tot Ion:284 Resp: 39232
Ion Ratio Lower Upper
284 100
142 35.2 34.6 52.0
249 31.5 24.8 37.2

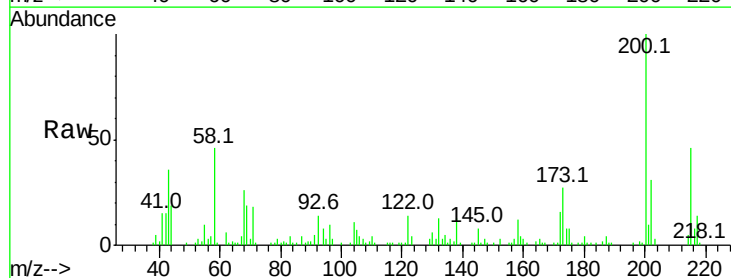


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

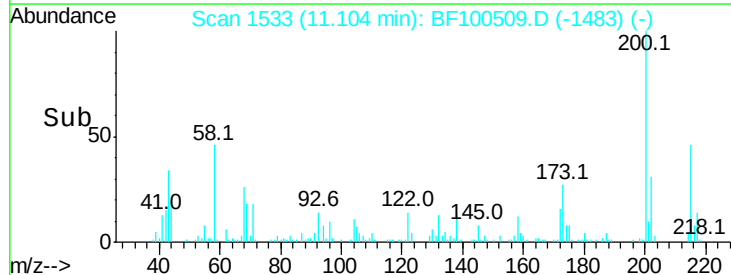
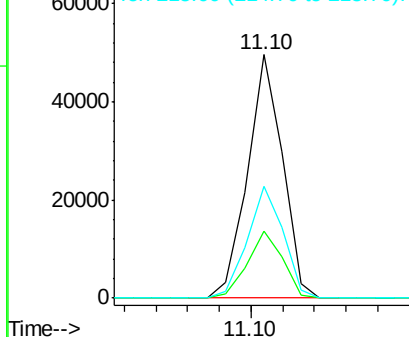


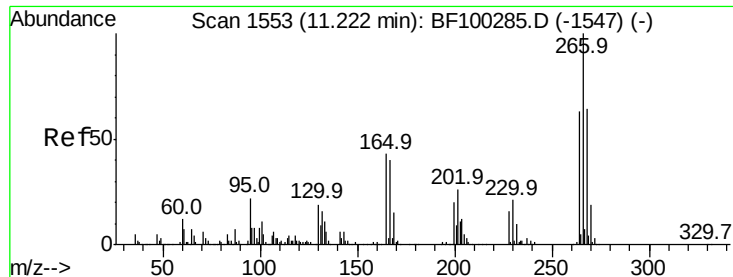
#68
Atrazine
Concen: 17.484 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion:200 Resp: 37801
Ion Ratio Lower Upper
200 100
173 27.5 8.6 48.6
215 45.9 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

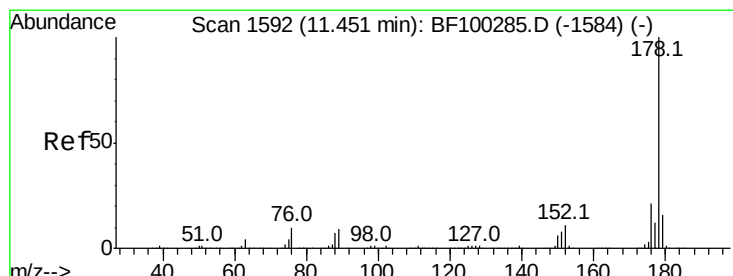
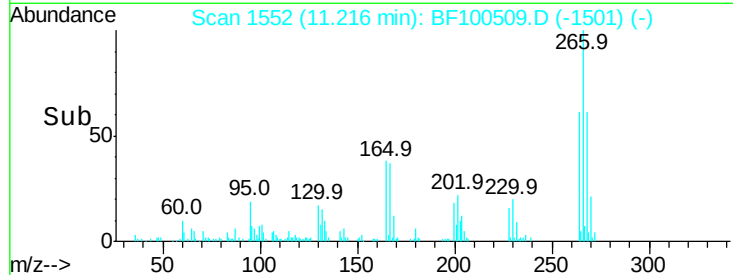
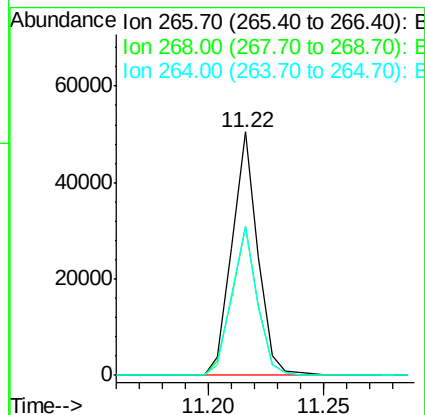
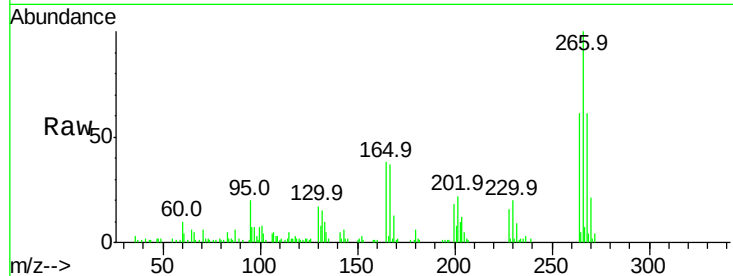




#69
 Pentachlorophenol
 Concen: 23.743 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

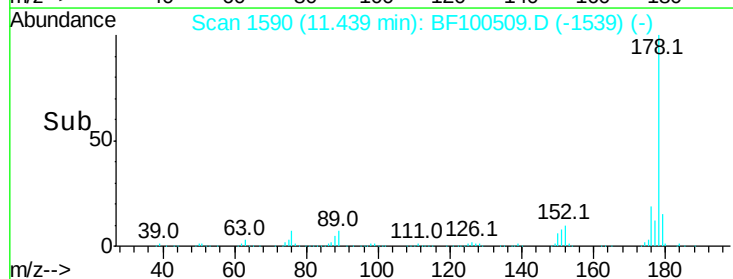
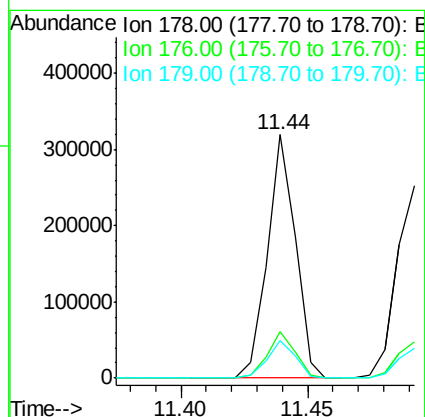
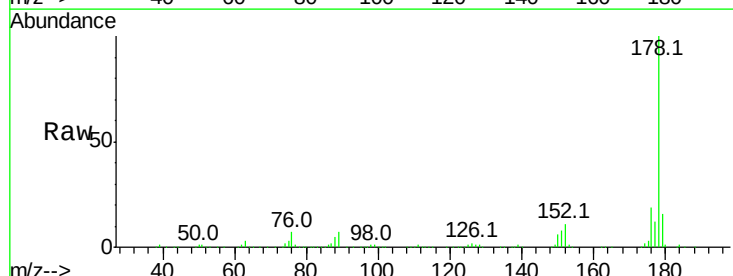
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

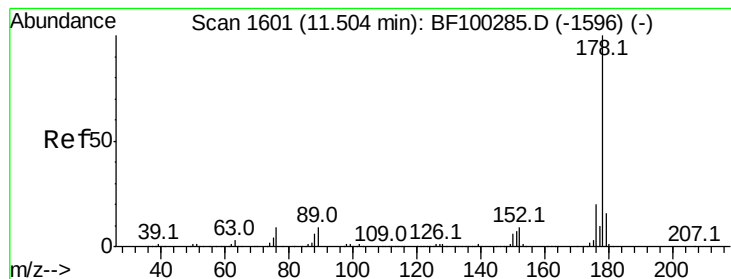
Tot Ion:266 Resp: 39210
 Ion Ratio Lower Upper
 266 100
 268 61.1 51.1 76.7
 264 61.2 49.5 74.3



#70
 Phenanthrene
 Concen: 22.680 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion:178 Resp: 245295
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 13.0 19.6





#71

Anthracene

Concen: 18.510 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

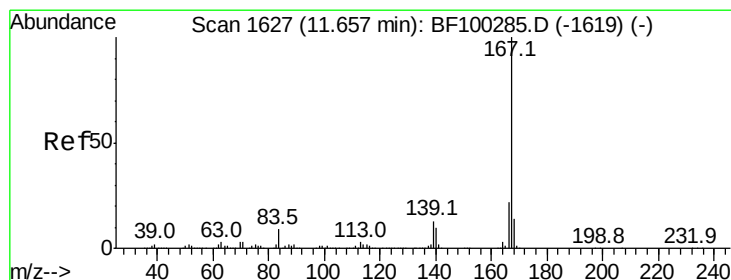
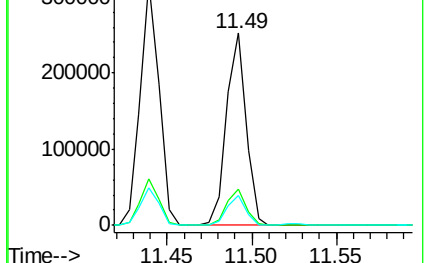
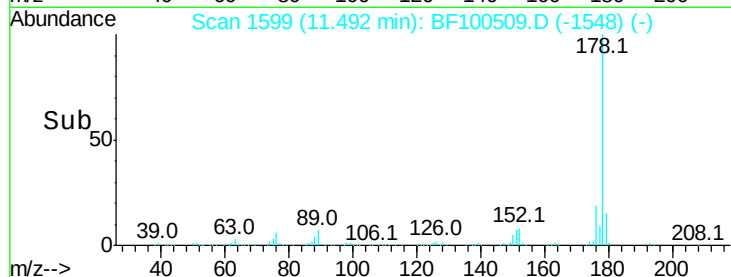
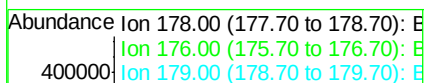
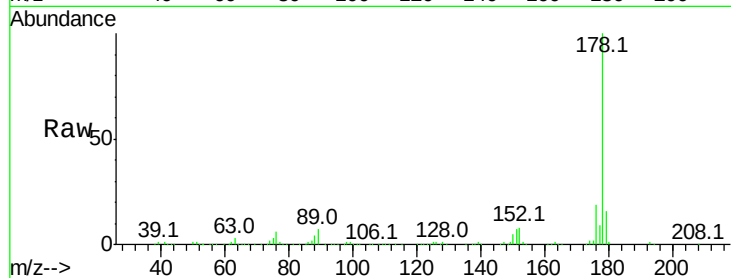
Tot Ion:178 Resp: 203110

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.6	19.0

178 100

176 19.1 15.4 23.2

179 15.7 12.6 19.0



#72

Carbazole

Concen: 15.870 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

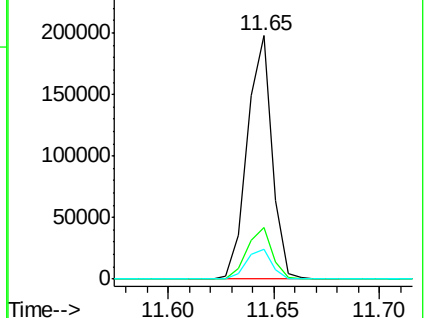
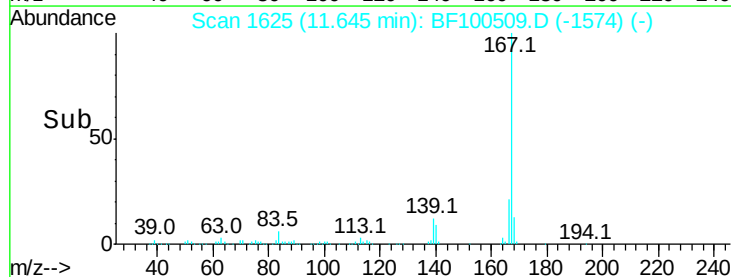
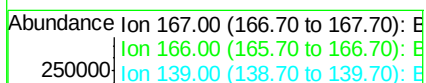
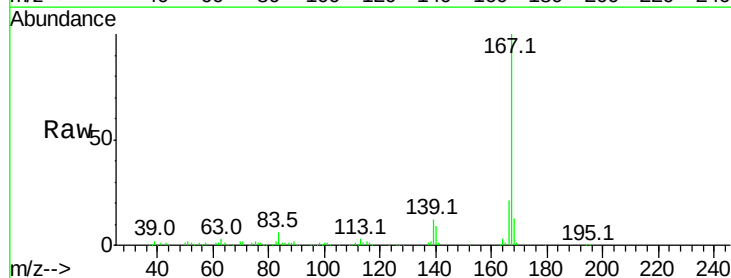
Tgt Ion:167 Resp: 160683

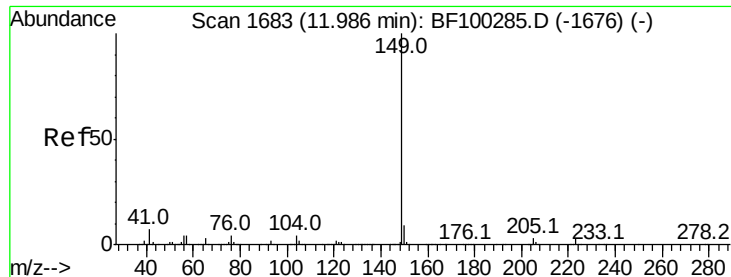
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	12.5	10.9	16.3

167 100

166 21.4 17.6 26.4

139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 17.499 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

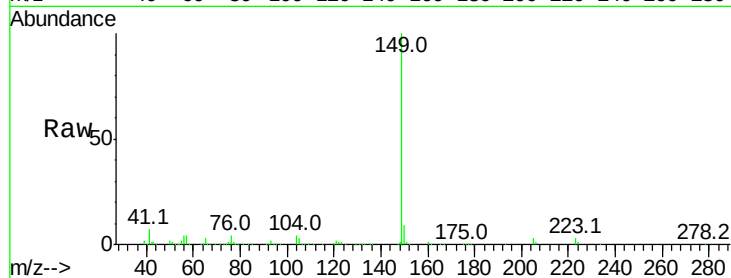
Tot Ion:149 Resp: 207332

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

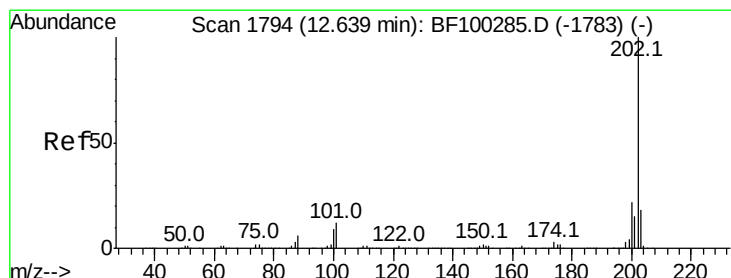
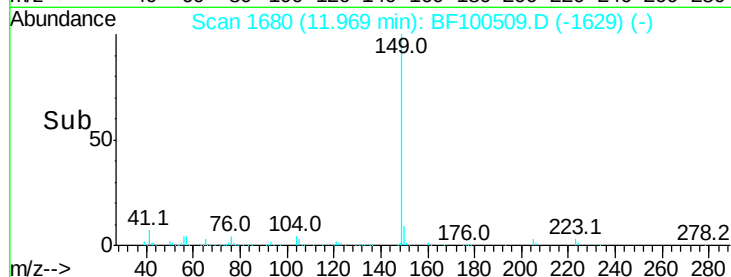
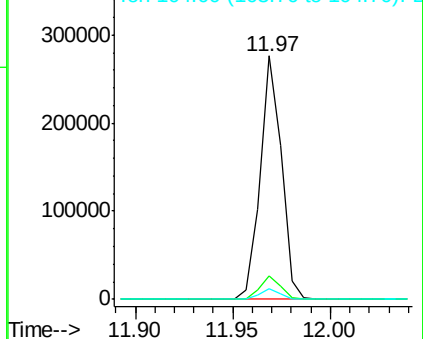
104 4.1 3.8 5.8



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: 25.818 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

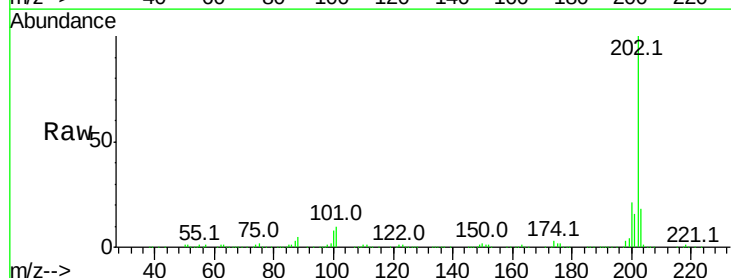
Tgt Ion:202 Resp: 295938

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.1

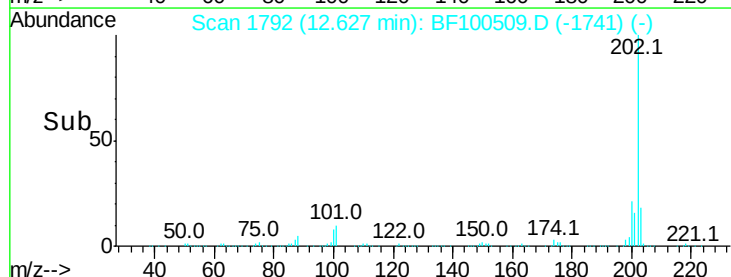
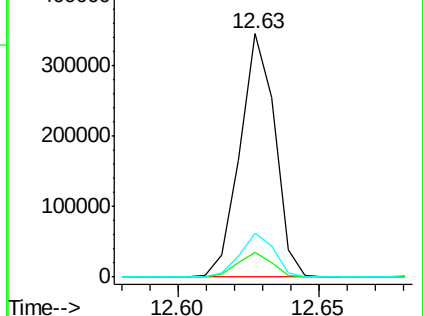
203 17.9 0.0 38.1

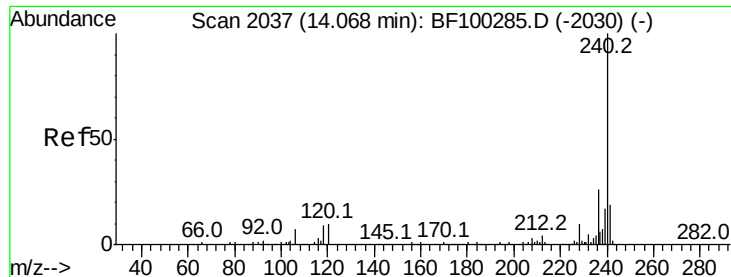


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

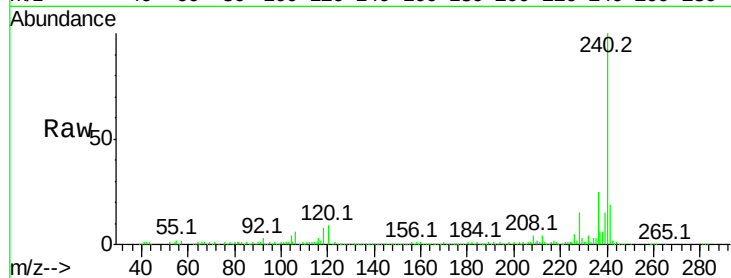
Tot Ion:240 Resp: 183107

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

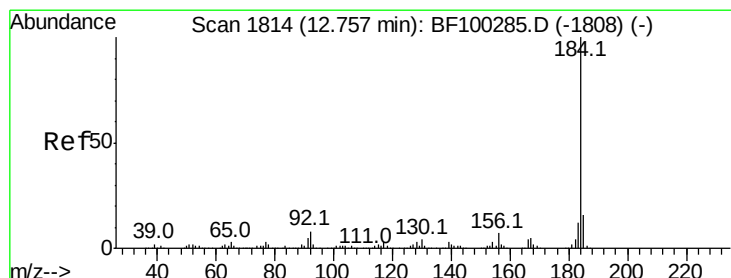
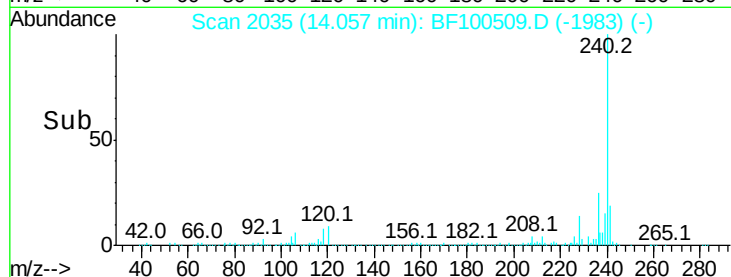
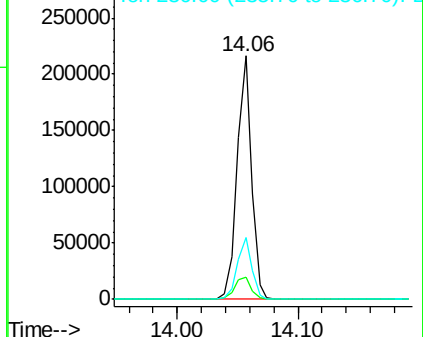
236 25.3 20.7 31.1



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: 12.651 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

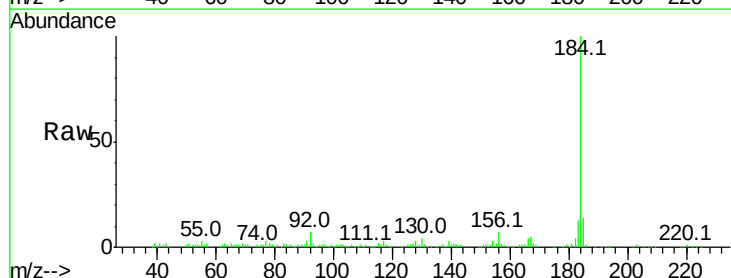
Tgt Ion:184 Resp: 92767

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

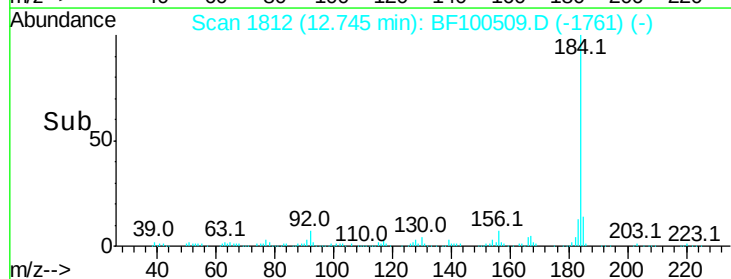
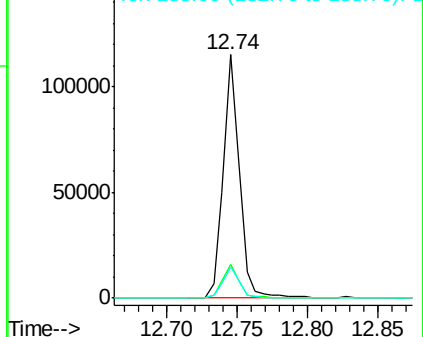
183 12.6 9.3 13.9

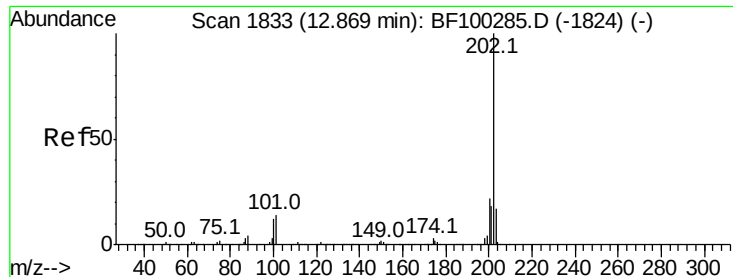


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

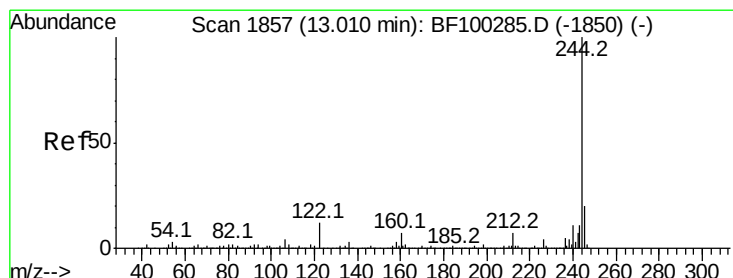
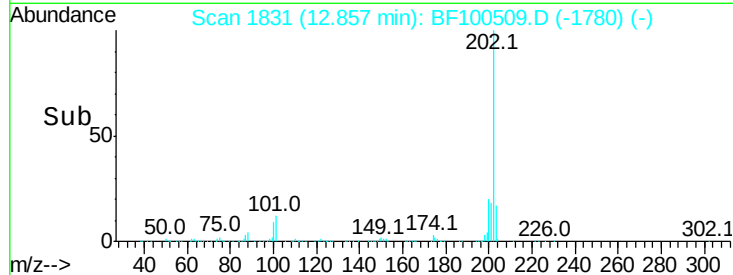
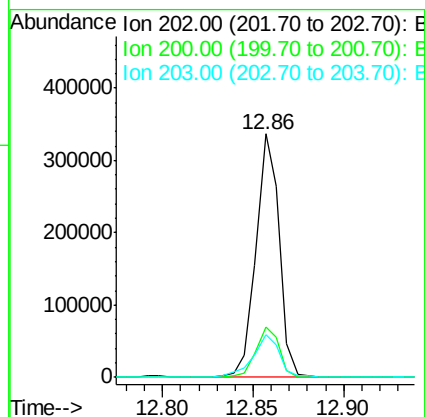
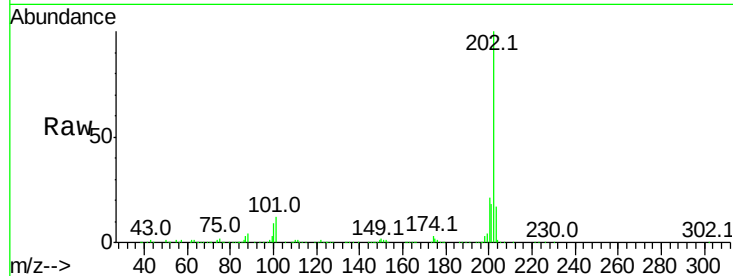




#77
Pvrene
Concen: 22.831 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

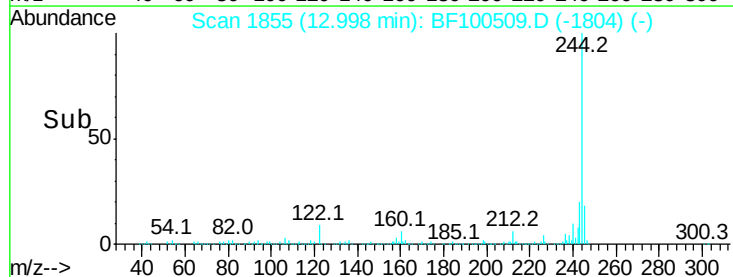
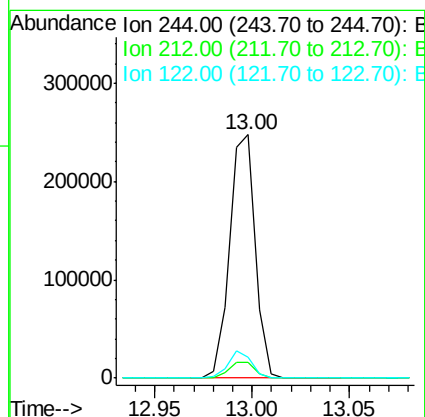
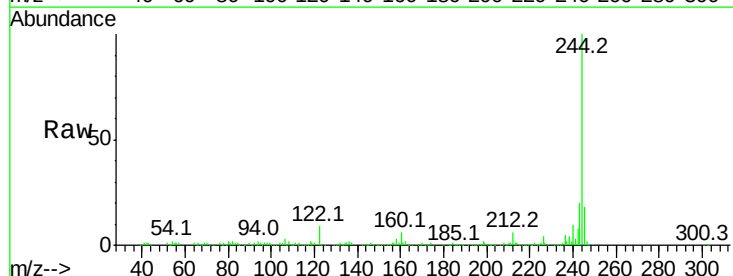
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

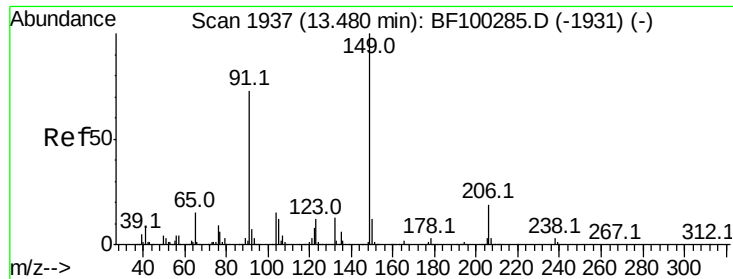
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 28.223 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.6	11.0	16.4





#79

Butylbenzylphthalate

Concen: 14.519 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

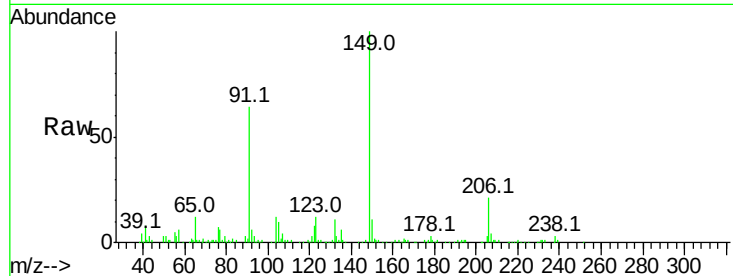
Tot Ion:149 Resp: 77284

Ion Ratio Lower Upper

149 100

91 63.6 56.8 85.2

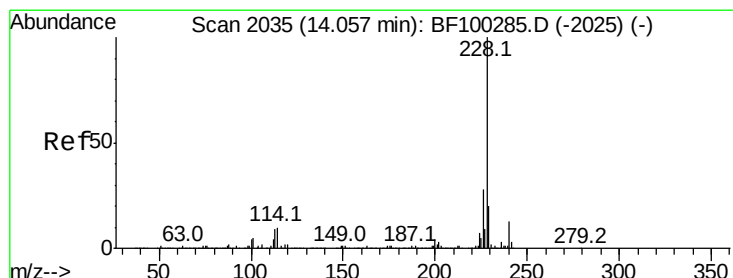
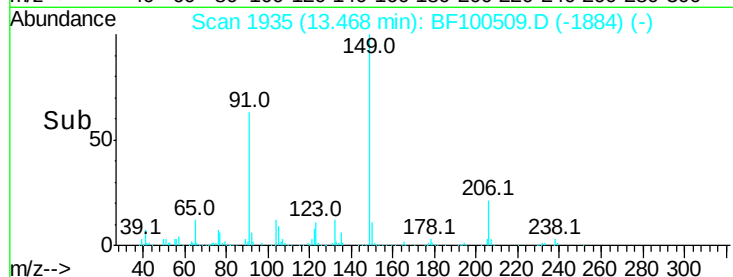
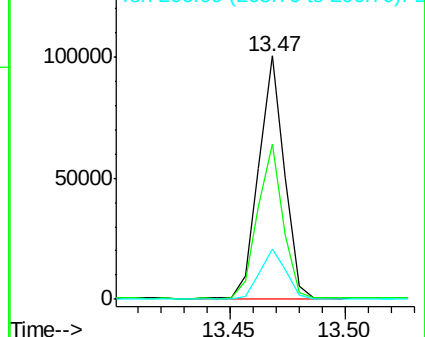
206 20.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 21.330 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

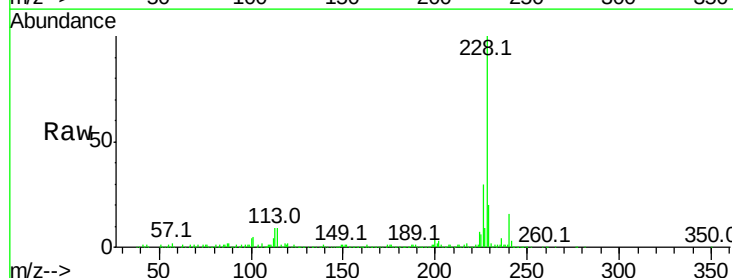
Tgt Ion:228 Resp: 235194

Ion Ratio Lower Upper

228 100

226 29.6 22.6 33.8

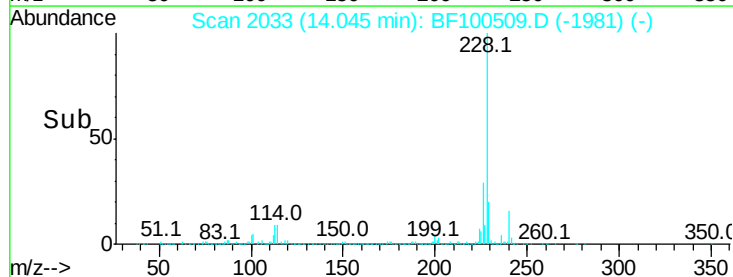
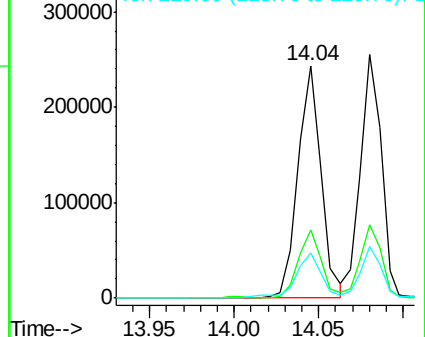
229 19.7 15.8 23.6

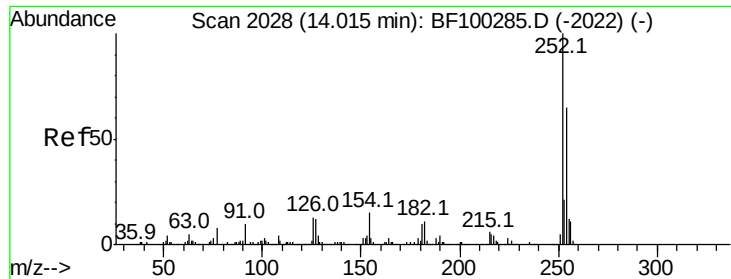


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

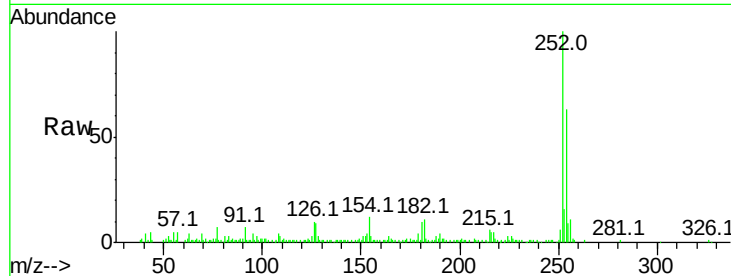




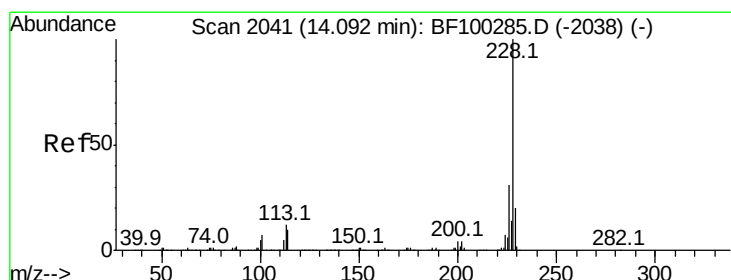
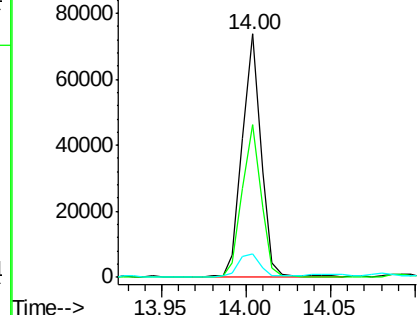
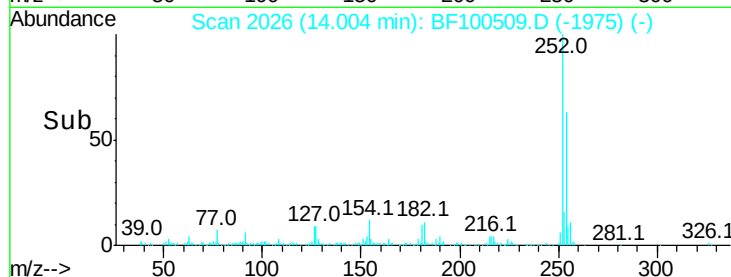
#81
 3,3'-Dichlorobenzidine
 Concen: 14.616 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	9.6	11.3	16.9#

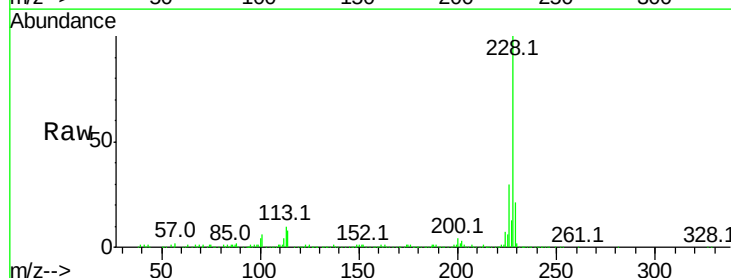


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

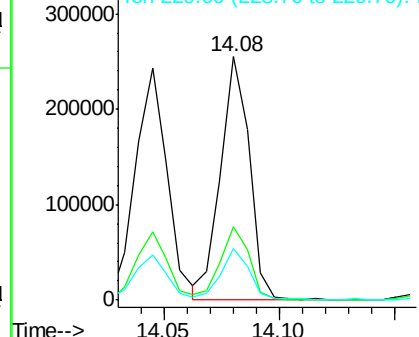
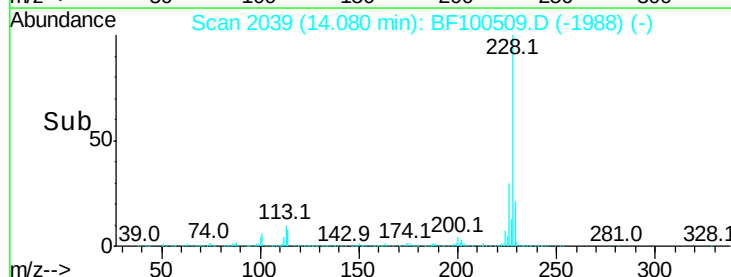


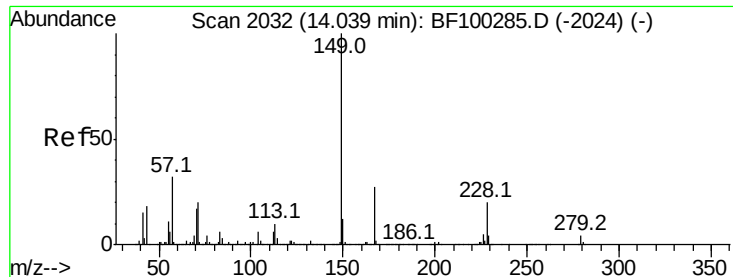
#82
 Chrysene
 Concen: 20.626 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.0	16.2	24.4



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

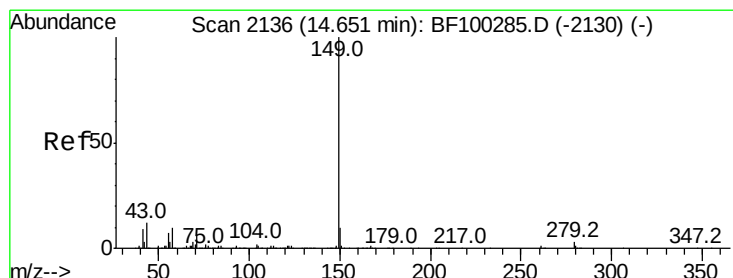
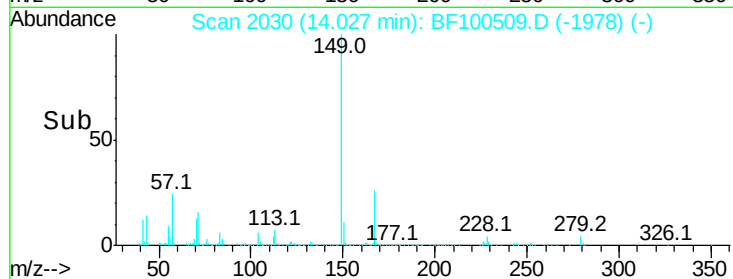
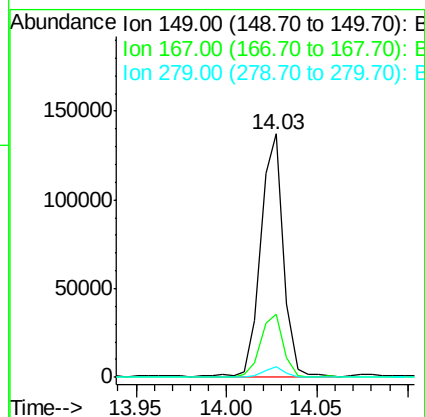
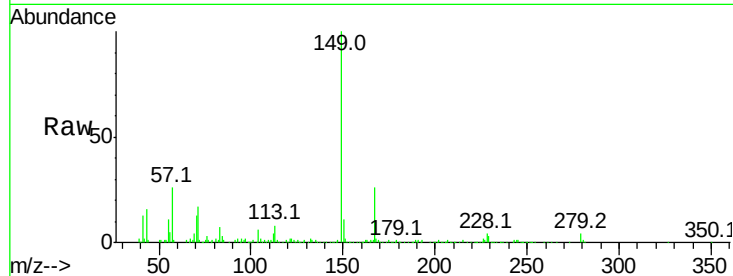




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.896 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

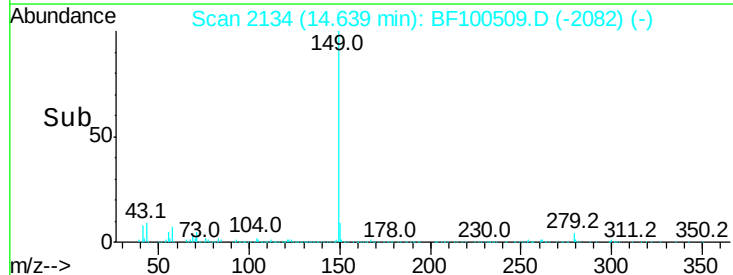
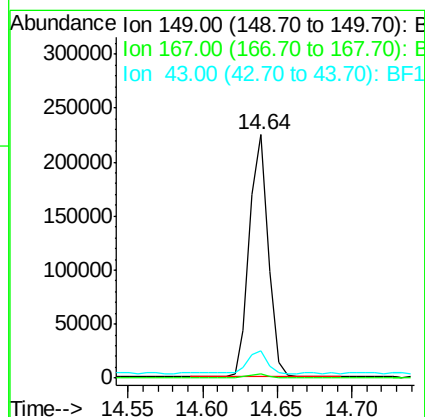
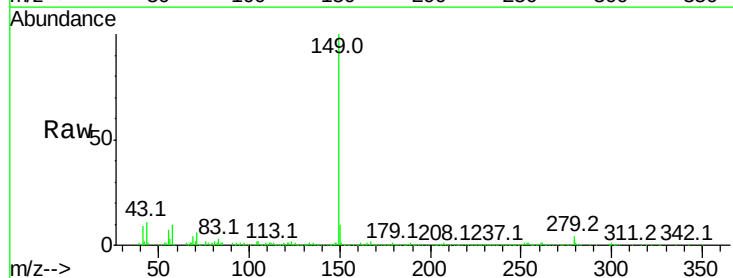
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

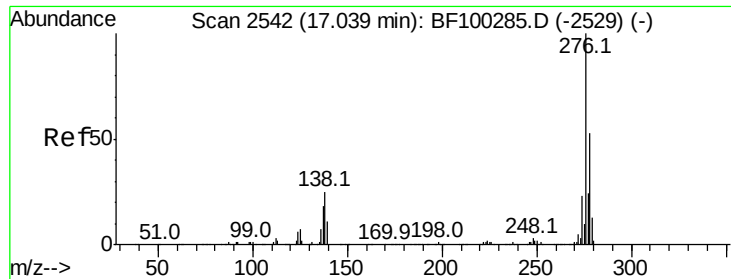
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	4.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 16.282 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.01 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	8.4	12.6

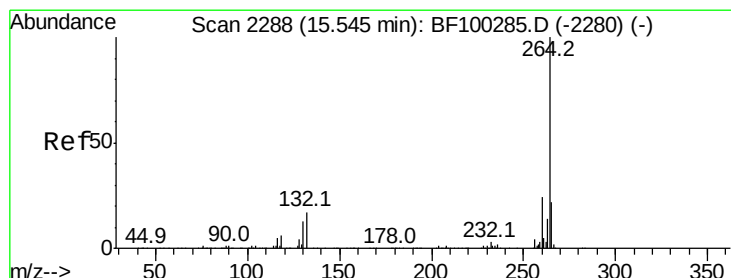
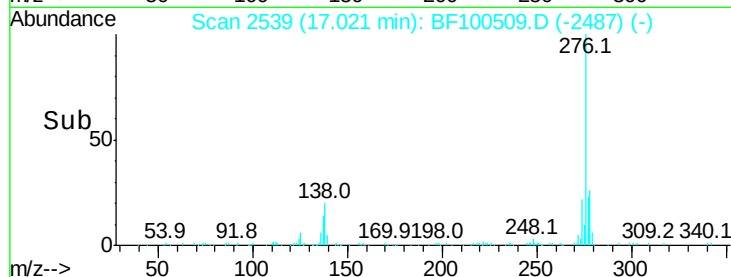
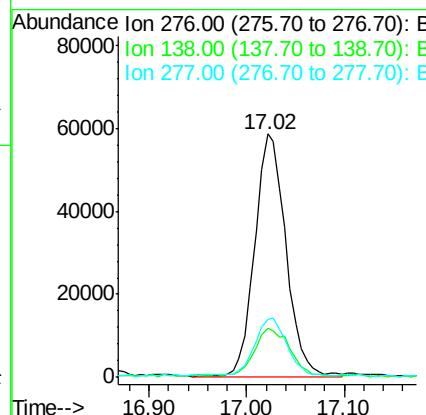
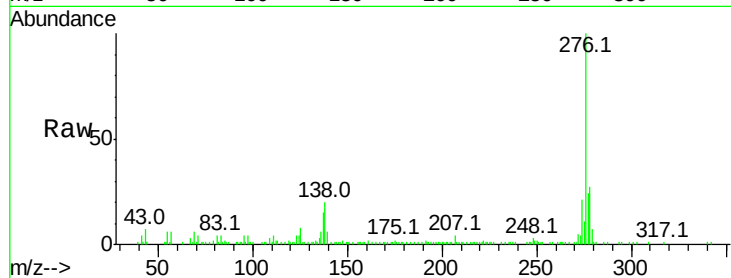




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 15.346 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.01 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

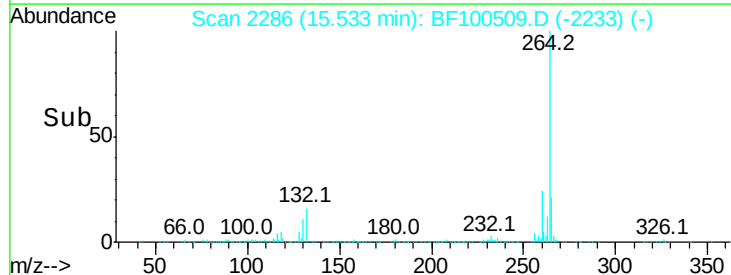
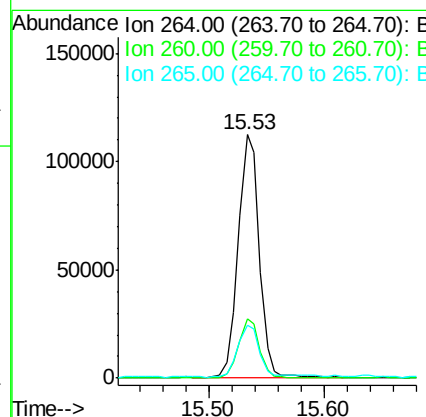
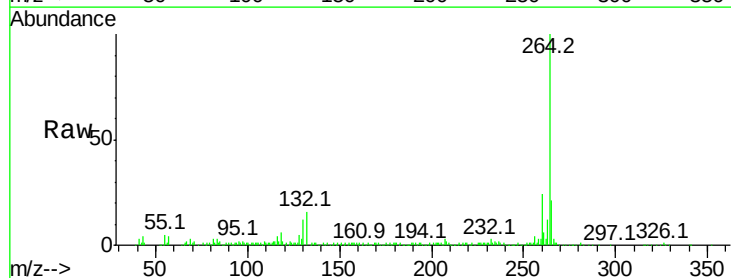
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-110917-DMS

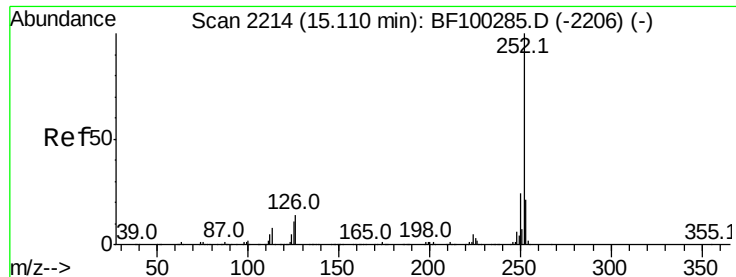
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	25.0	37.6#
277	24.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF100509.D
 Acq: 13 Nov 2017 18:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 23.203 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

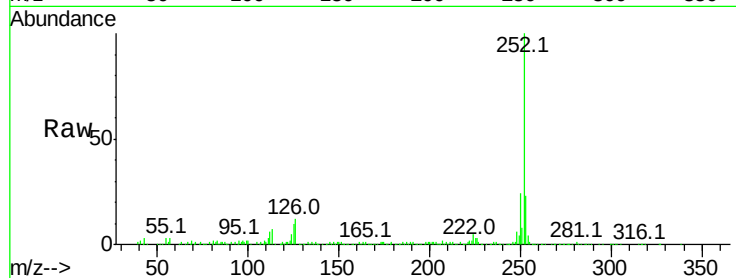
Tot Ion:252 Resp: 196612

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

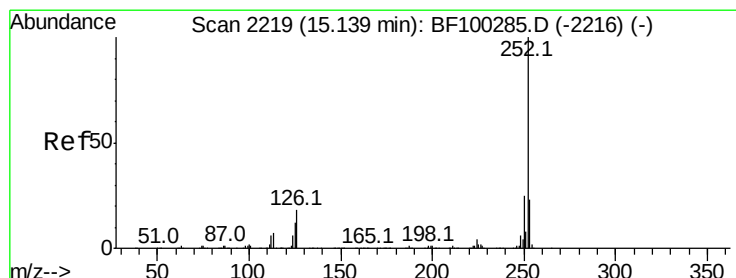
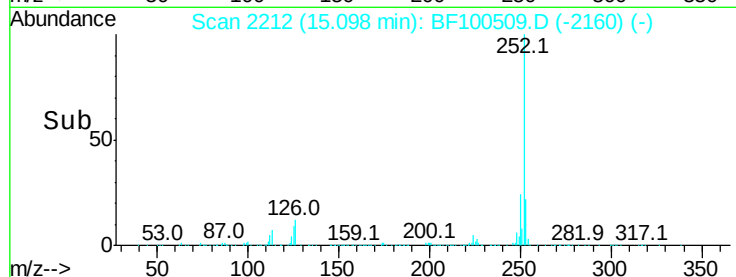
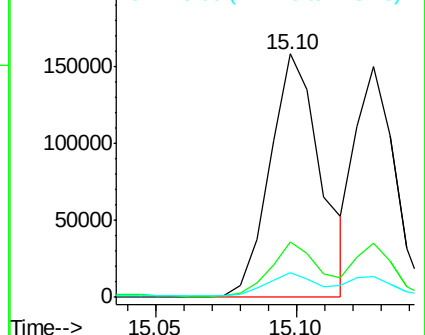
125 10.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 17.983 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

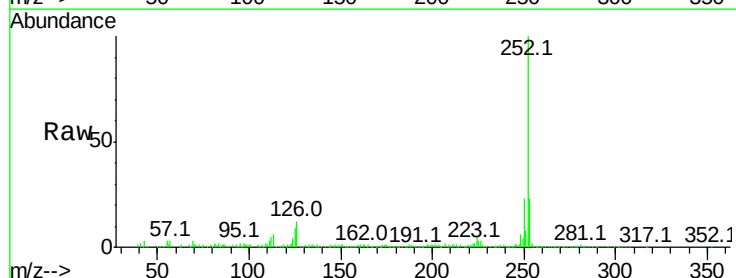
Tgt Ion:252 Resp: 143979

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

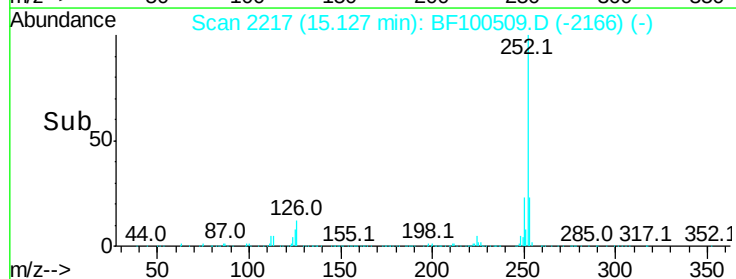
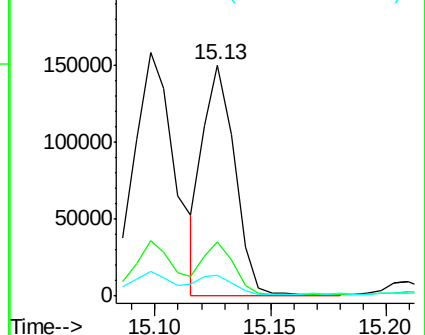
125 9.0 10.2 15.2#

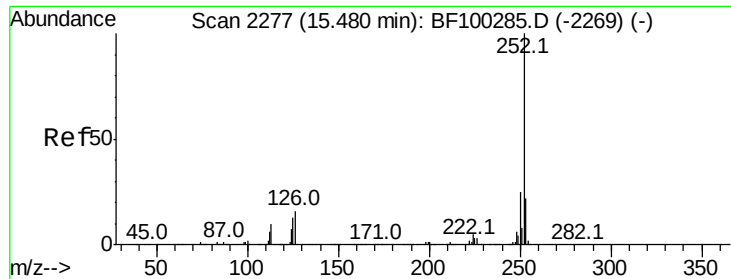


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

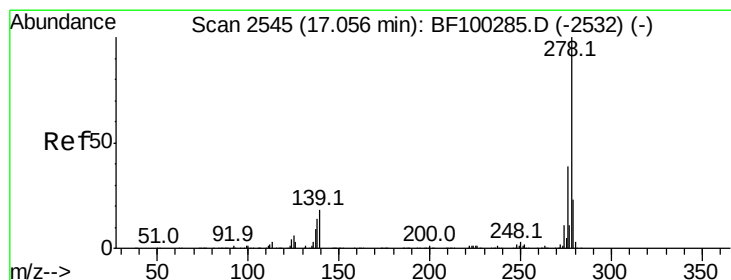
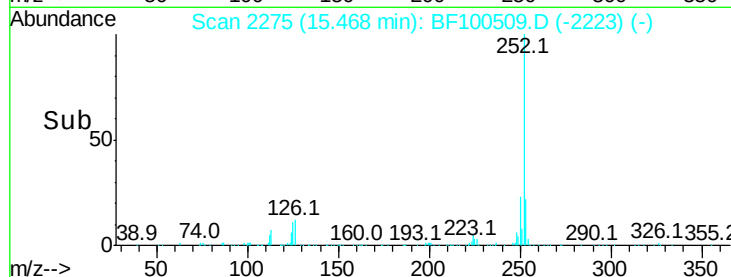
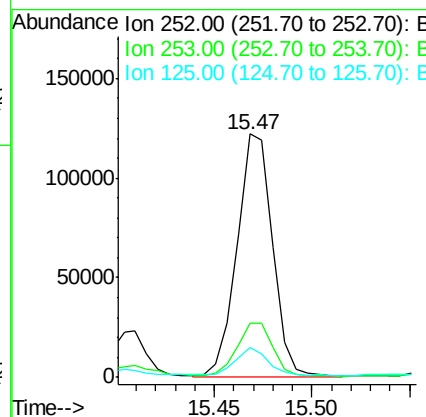
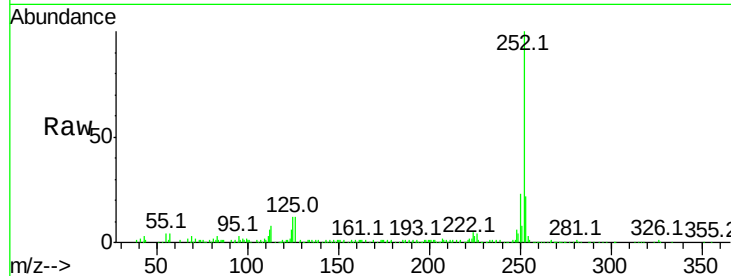




#89
Benzo(a)pyrene
Concen: 20.409 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

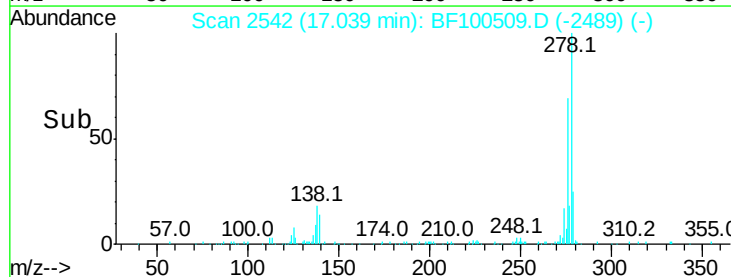
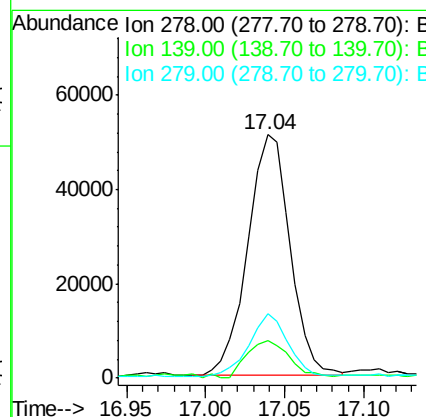
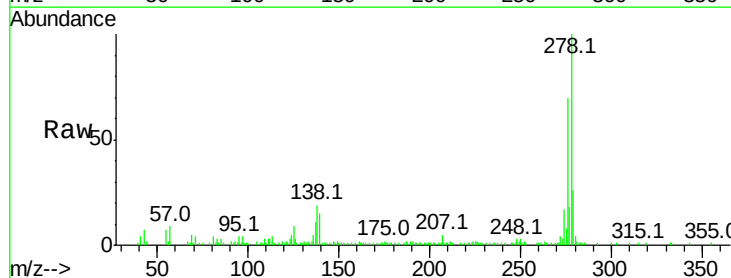
Instrument :
BNA_F
ClientSampleId :
JC-02-110917-DMS

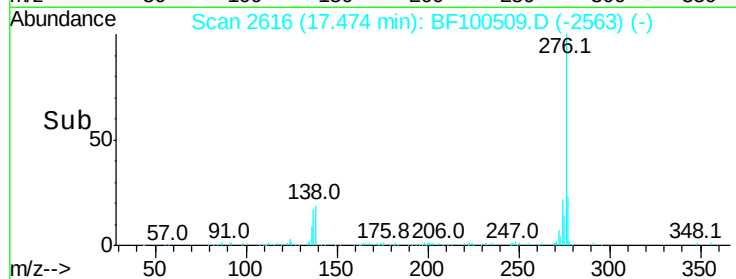
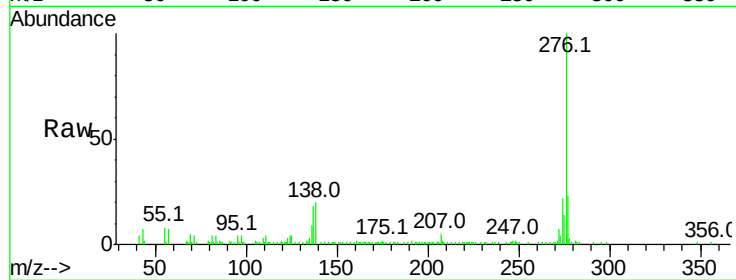
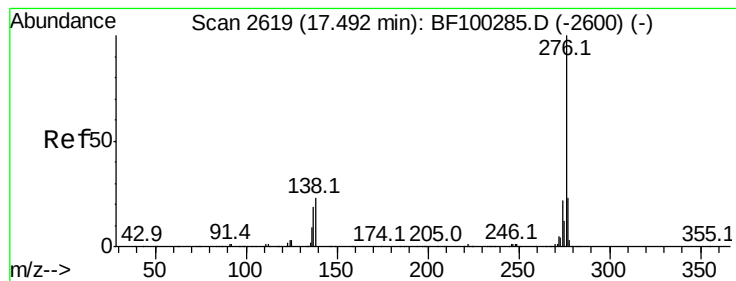
Tot Ion:252 Resp: 153315
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 12.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 15.408 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF100509.D
Acq: 13 Nov 2017 18:40

Tgt Ion:278 Resp: 94658
Ion Ratio Lower Upper
278 100
139 15.5 15.9 23.9#
279 26.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 18.592 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.01 min

Lab File: BF100509.D

Acq: 13 Nov 2017 18:40

Instrument :

BNA_F

ClientSampleId :

JC-02-110917-DMS

Tot Ion:276 Resp: 111810

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 19.5 21.8 32.8#

