

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101305.D
 Acq On : 11 Dec 2017 23:37
 Operator : SJ/JU
 Sample : PB104912BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 02:52:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	47247	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	180908	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	80715	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	136012	20.00	ng	0.00
75) Chrysene-d12	14.02	240	99505	20.00	ng	0.01
86) Perylene-d12	15.49	264	83450	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	248395	86.88	ng	0.02
7) Phenol-d6	6.47	99	295506	85.13	ng	0.01
23) Nitrobenzene-d5	7.40	82	265794	87.64	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	68117	70.25	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	553619	93.84	ng	0.00
78) Terphenyl-d14	12.94	244	383122	84.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	42369	35.835	ng	95
3) Pyridine	3.42	79	114254	37.277	ng	94
4) n-Nitrosodimethylamine	3.39	42	63173	42.200	ng	# 81
6) Aniline	6.50	93	61127	13.541	ng	# 90
8) 2-Chlorophenol	6.62	128	128789	41.311	ng	93
9) Benzaldehyde	6.38	77	34695	16.330	ng	98
10) Phenol	6.49	94	150834	39.077	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	116732	40.319	ng	98
12) 1,3-Dichlorobenzene	6.77	146	150546	41.472	ng	97
13) 1,4-Dichlorobenzene	6.85	146	151446	40.296	ng	98
14) 1,2-Dichlorobenzene	7.00	146	141839	40.461	ng	97
15) Benzyl Alcohol	6.98	79	106598	39.759	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	181638	46.154	ng	88
17) 2-Methylphenol	7.09	107	106022	42.117	ng	94
18) Hexachloroethane	7.33	117	43035	35.641	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	89108	38.116	ng	94
20) 3+4-Methylphenols	7.25	107	135363	41.231	ng	# 59
22) Acetophenone	7.25	105	171927	39.337	ng	# 91
24) Nitrobenzene	7.42	77	129377	43.528	ng	96
25) Isophorone	7.66	82	232171	44.819	ng	97
26) 2-Nitrophenol	7.73	139	60267	36.937	ng	97
27) 2,4-Dimethylphenol	7.77	122	112745	47.767	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	148081	42.533	ng	98
29) 2,4-Dichlorophenol	7.98	162	112166	43.658	ng	94
30) 1,2,4-Trichlorobenzene	8.06	180	120652	42.708	ng	96
31) Naphthalene	8.14	128	369855	41.482	ng	99
32) Benzoic acid	7.89	122	20369	11.096	ng	97
33) 4-Chloroaniline	8.19	127	42694	11.917	ng	95
34) Hexachlorobutadiene	8.25	225	72383	41.775	ng	98
35) Caprolactam	8.57	113	29797	37.215	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	111254	41.804	ng	98
37) 2-Methylnaphthalene	8.83	142	255336	42.146	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	114849	39.168	ng	# 96
40) Hexachlorocyclopentadiene	8.97	237	6715	13.813	ng	94

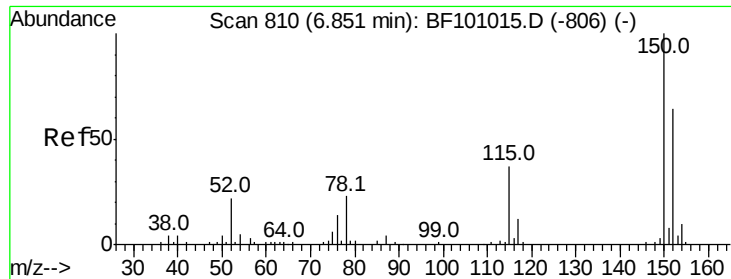
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101305.D
 Acq On : 11 Dec 2017 23:37
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	73655	42.851	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	73655	40.081	nq	93
45) 1,1'-Biphenyl	9.29	154	292762	39.589	nq	98
46) 2-Chloronaphthalene	9.32	162	229617	43.721	nq	96
47) 2-Nitroaniline	9.42	65	67035	43.142	nq	98
48) Acenaphthylene	9.73	152	346498	40.146	nq	99
49) Dimethylphthalate	9.59	163	274954	42.239	nq	99
50) 2,6-Dinitrotoluene	9.66	165	54055	39.426	nq	97
51) Acenaphthene	9.91	154	202747	39.230	nq	99
52) 3-Nitroaniline	9.83	138	44375	28.781	nq	95
53) 2,4-Dinitrophenol	9.96	184	3517	9.515	nq #	3
54) Dibenzofuran	10.08	168	301603	40.496	nq	98
55) 4-Nitrophenol	10.01	139	57000	54.818	nq	96
56) 2,4-Dinitrotoluene	10.07	165	65803	35.812	nq	94
57) Fluorene	10.42	166	234739	38.772	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	52850	35.919	nq #	86
59) Diethylphthalate	10.29	149	258272	40.226	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	118967	39.798	nq	94
61) 4-Nitroaniline	10.45	138	54305	33.930	nq	92
62) Azobenzene	10.57	77	214052	39.284	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	5282	5.790	nq	76
65) n-Nitrosodiphenylamine	10.53	169	215273	44.864	nq	95
66) 4-Bromophenyl-phenylether	10.90	248	70839	46.530	nq #	81
67) Hexachlorobenzene	10.97	284	69009	42.294	nq #	90
68) Atrazine	11.06	200	69415	47.161	nq	97
69) Pentachlorophenol	11.17	266	45247	50.434	nq	96
70) Phenanthrene	11.39	178	304844	40.699	nq	99
71) Anthracene	11.44	178	312533	41.228	nq	98
72) Carbazole	11.60	167	268859	38.817	nq	99
73) Di-n-butylphthalate	11.92	149	368774	42.479	nq	98
74) Fluoranthene	12.58	202	291611	35.123	nq	94
76) Benzidine	12.70	184	153447	47.423	nq	97
77) Pyrene	12.81	202	290699	42.338	nq	99
79) Butylbenzylphthalate	13.42	149	129048	42.629	nq	93
80) Benzo(a)anthracene	14.00	228	264791	42.147	nq	97
81) 3,3'-Dichlorobenzidine	13.96	252	86532	39.770	nq	97
82) Chrysene	14.04	228	246861	42.309	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	182132	42.196	nq	98
84) Di-n-octyl phthalate	14.58	149	296077	41.198	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	183668	35.407	nq #	91
87) Benzo(b)fluoranthene	15.06	252	207422	41.497	nq	98
88) Benzo(k)fluoranthene	15.06	252	207422	42.120	nq	98
89) Benzo(a)pyrene	15.43	252	196333	43.205	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	155698	38.865	nq #	95
91) Benzo(g,h,i)perylene	17.43	276	146530	38.811	nq #	91

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

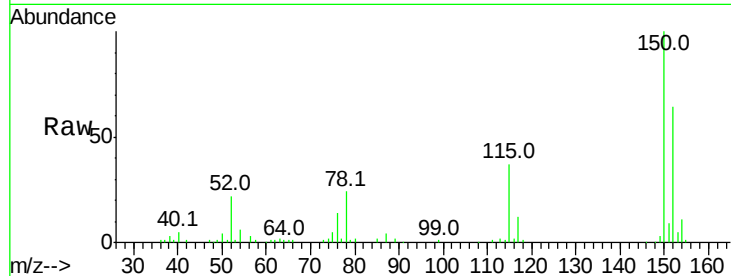


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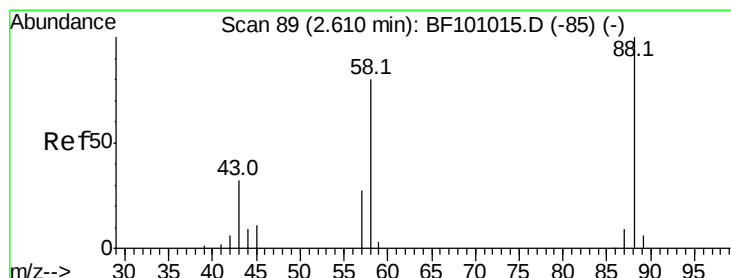
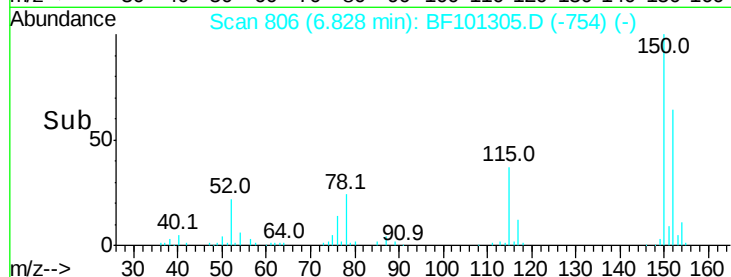
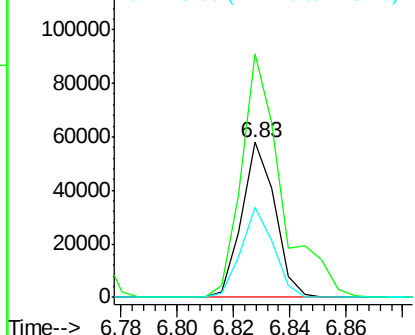
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47247
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 58.5 50.1 75.1



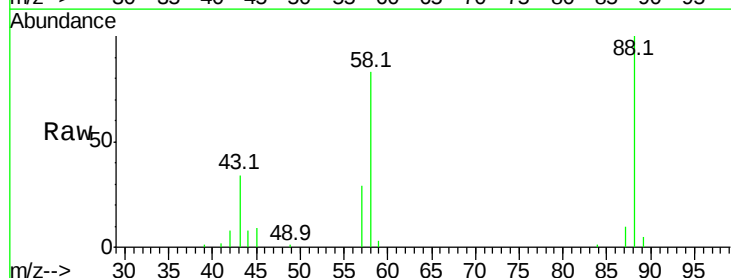
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



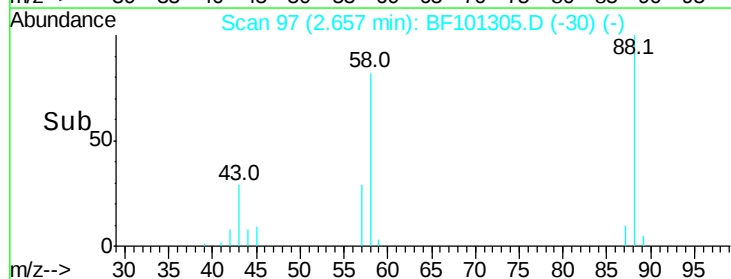
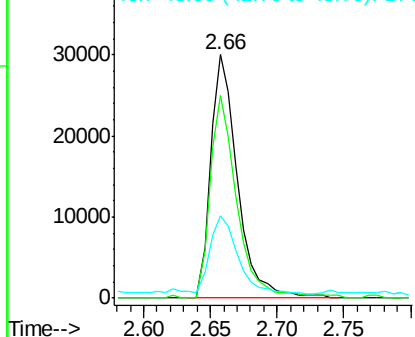
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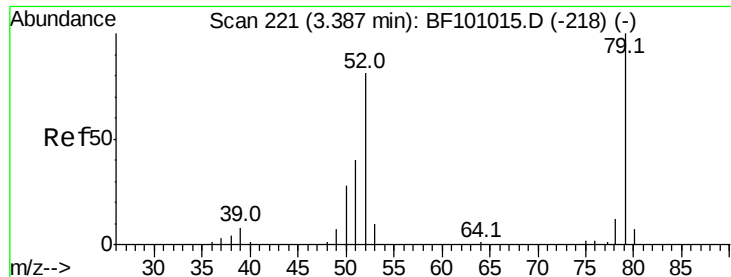
1,4-Dioxane
Concen: 35.835 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion: 88 Resp: 42369
Ion Ratio Lower Upper
88 100
58 82.9 62.6 93.8
43 32.7 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

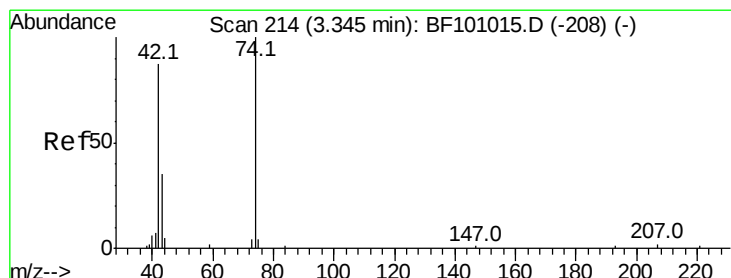
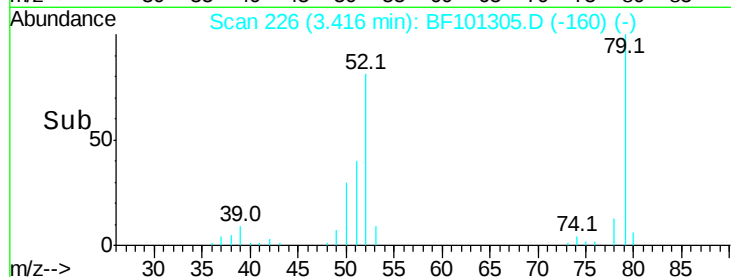
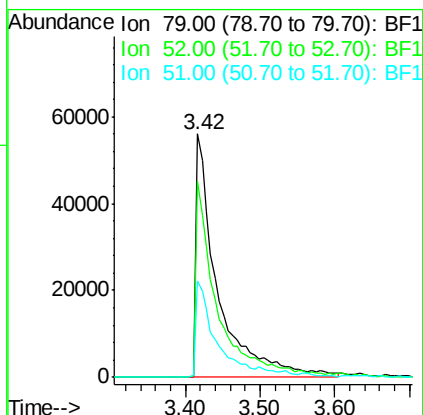
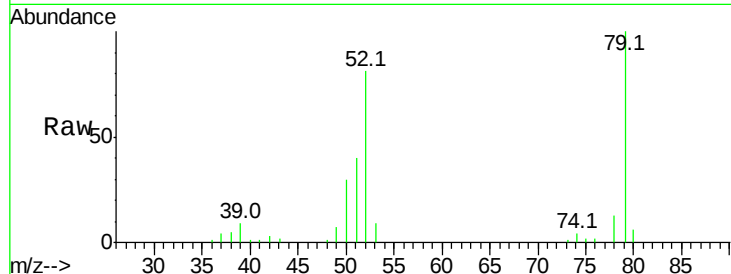




#3
 Pvrindine
 Concen: 37.277 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.09 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

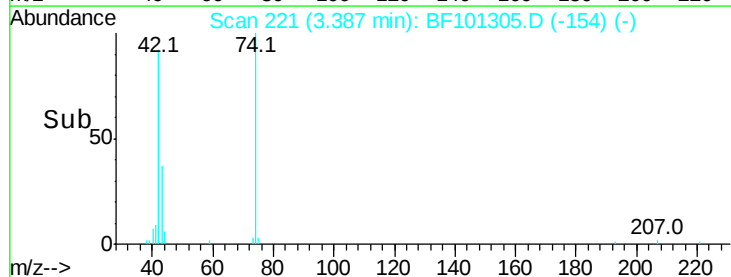
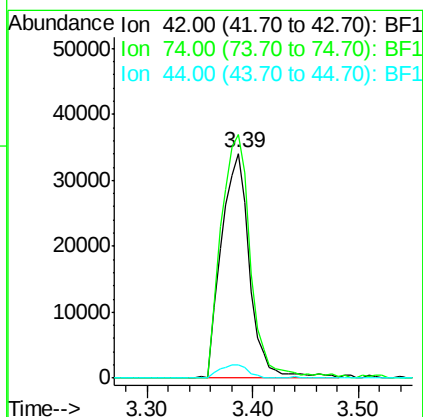
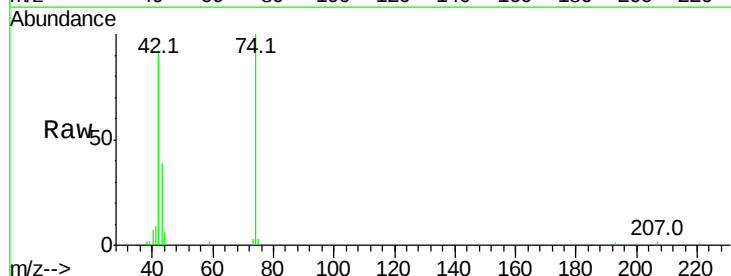
Instrument :
 BNA_F
 ClientSampleId :

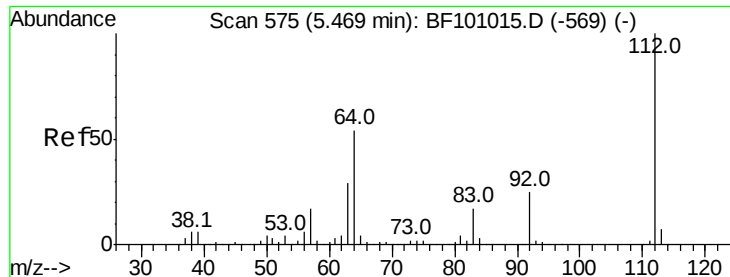
Tot Ion: 79 Resp: 114254
 Ion Ratio Lower Upper
 79 100
 52 80.7 59.8 89.6
 51 39.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 42.200 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion: 42 Resp: 63173
 Ion Ratio Lower Upper
 42 100
 74 108.3 104.9 157.3
 44 6.0 6.9 10.3#





#5

2-Fluorophenol

Concen: 86.875 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampled :

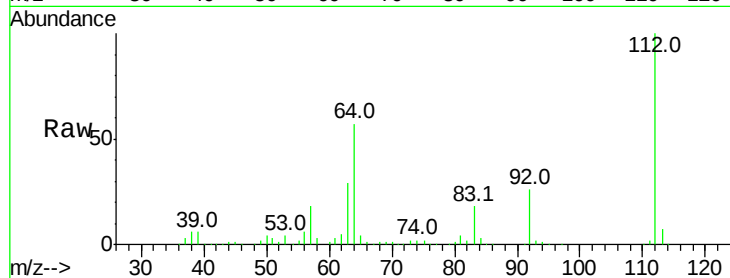
Tot Ion: 112 Resp: 248395

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

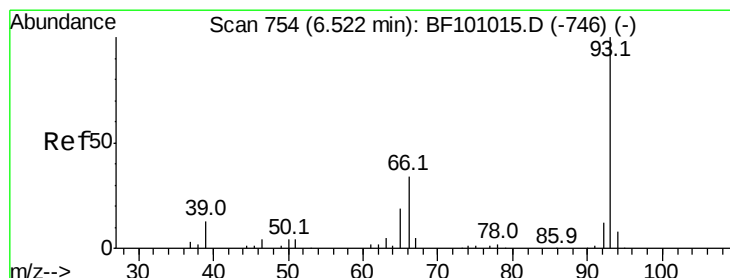
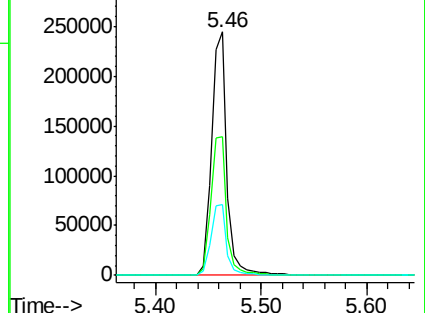
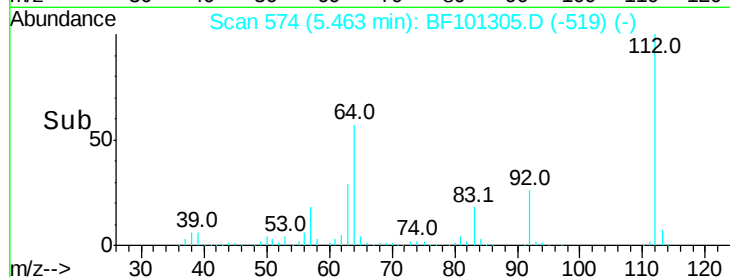
63 29.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.541 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

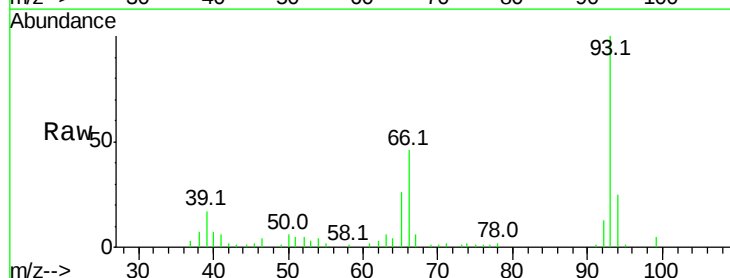
Tgt Ion: 93 Resp: 61127

Ion Ratio Lower Upper

93 100

66 45.6 32.2 48.2

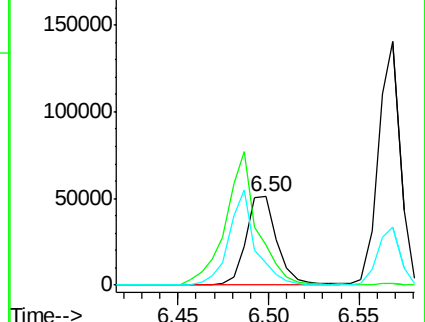
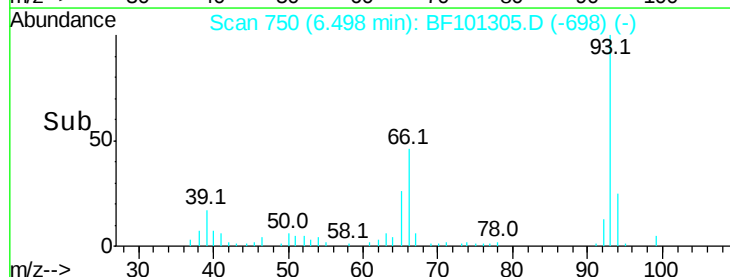
65 25.6 16.4 24.6#

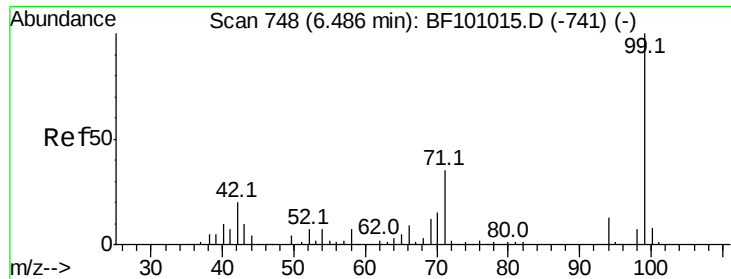


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.127 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

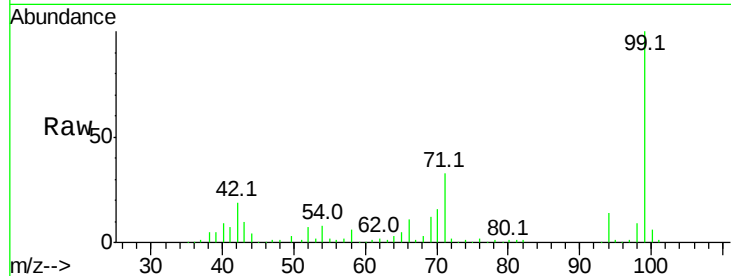
Tot Ion: 99 Resp: 295506

Ion Ratio Lower Upper

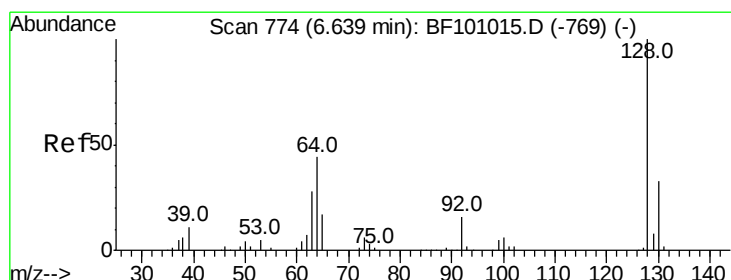
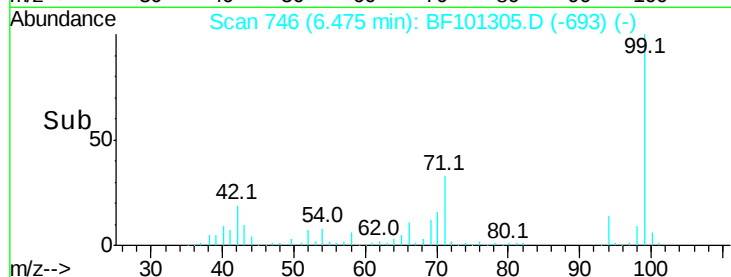
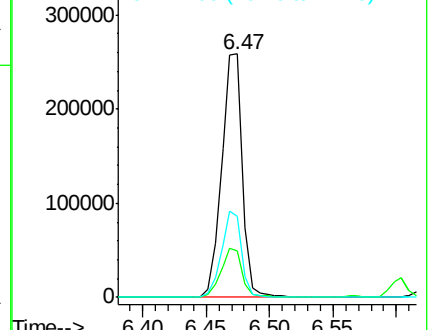
99 100

42 19.0 14.5 21.7

71 33.5 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: 41.311 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

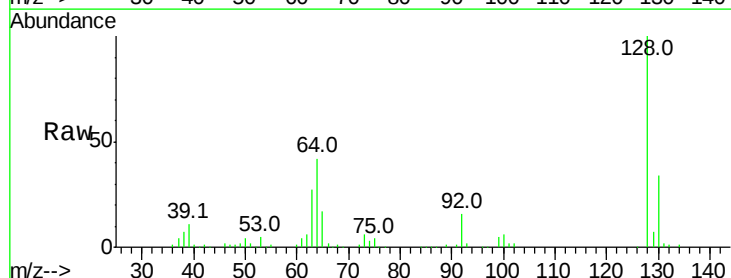
Tgt Ion: 128 Resp: 128789

Ion Ratio Lower Upper

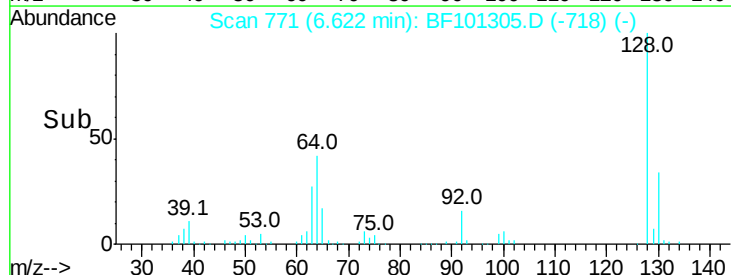
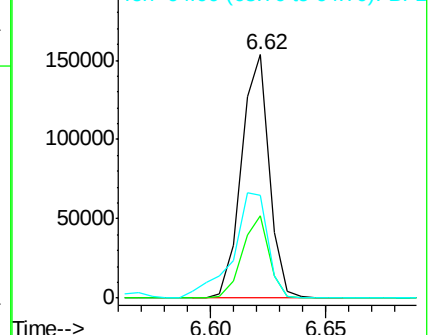
128 100

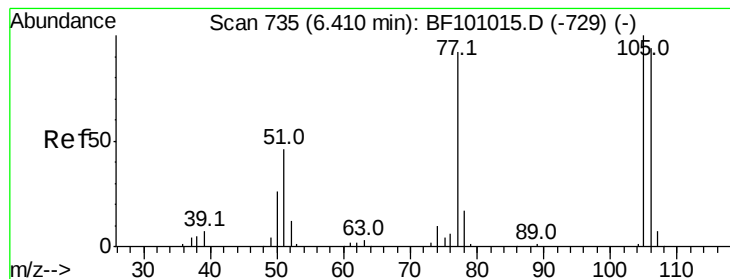
130 33.9 13.0 53.0

64 42.3 29.4 69.4



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





#9

Benzaldehyde

Concen: 16.330 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampled :

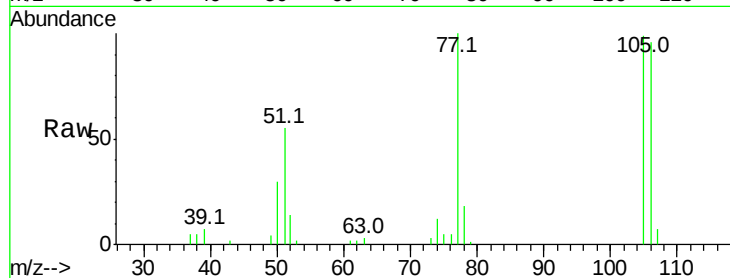
Tot Ion: 77 Resp: 34695

Ion Ratio Lower Upper

77 100

105 99.1 81.1 121.1

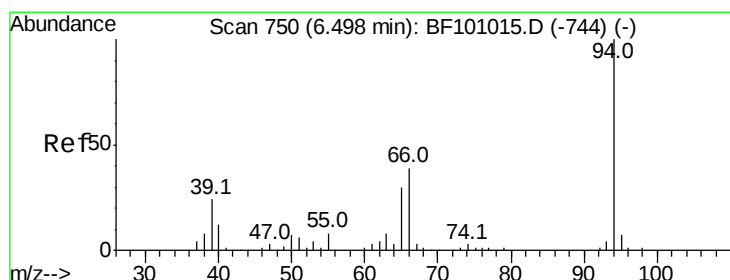
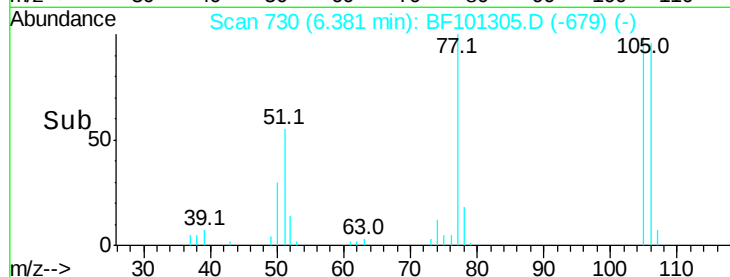
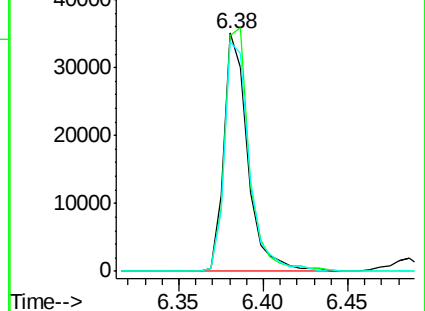
106 96.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.077 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

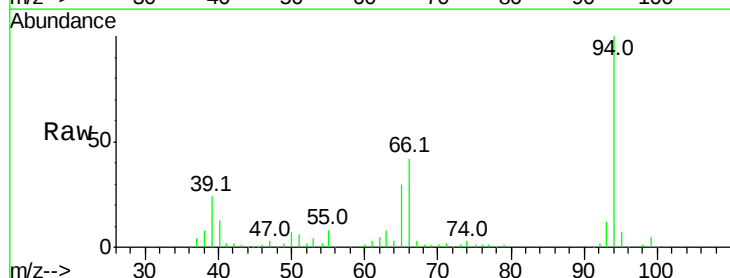
Tgt Ion: 94 Resp: 150834

Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

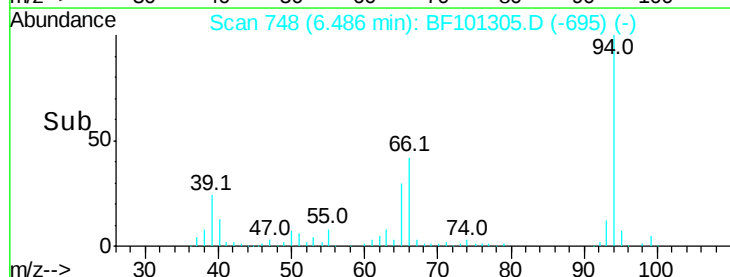
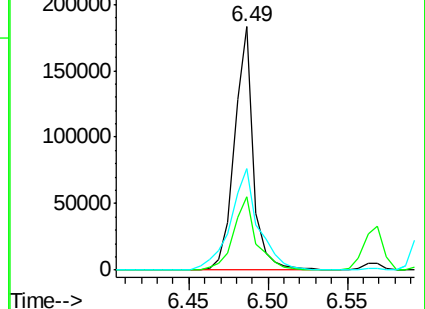
66 41.9 16.2 56.2

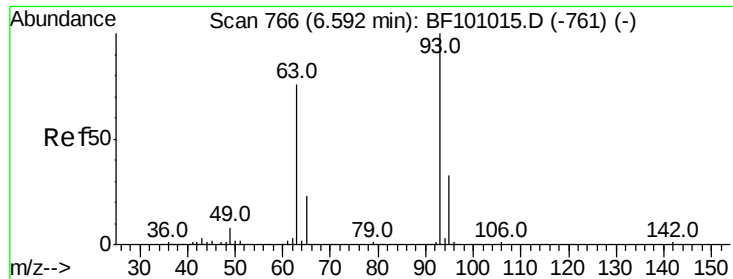


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.319 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

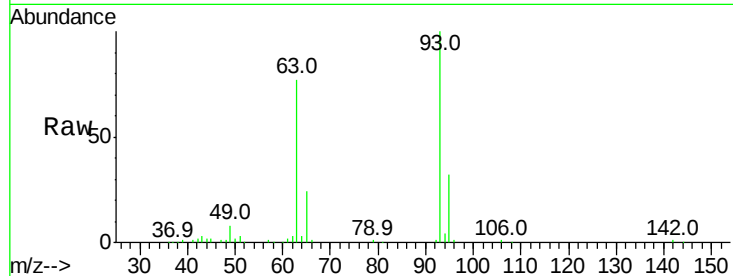
Tot Ion: 93 Resp: 116732

Ion Ratio Lower Upper

93 100

63 76.7 58.6 98.6

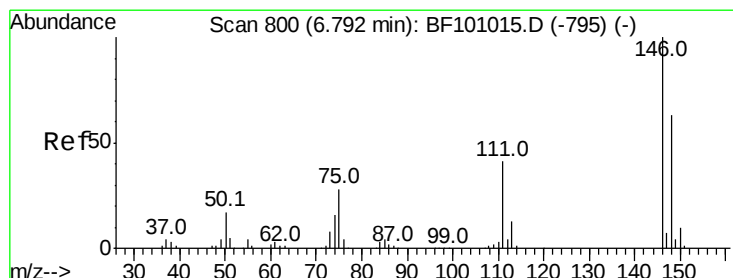
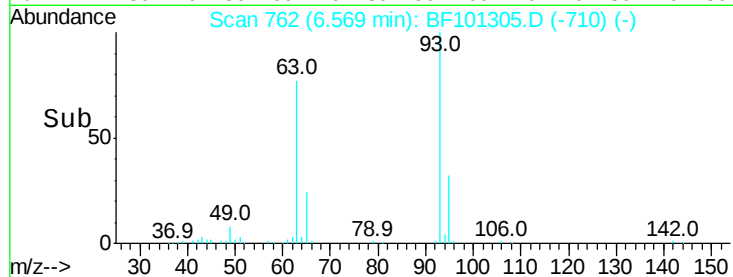
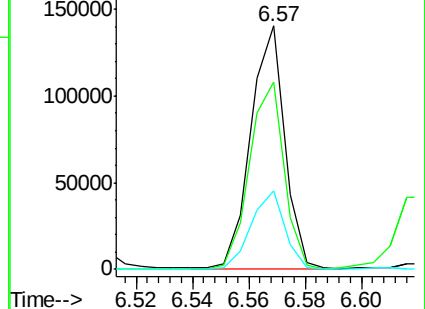
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.472 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

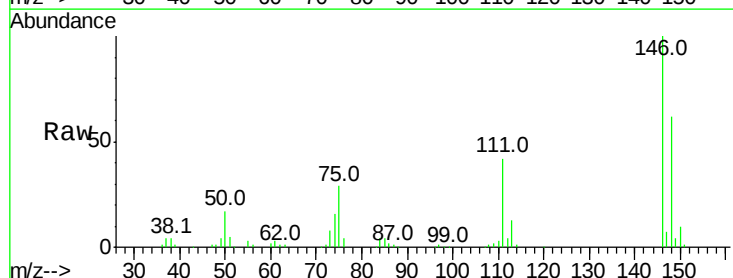
Tgt Ion: 146 Resp: 150546

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.8

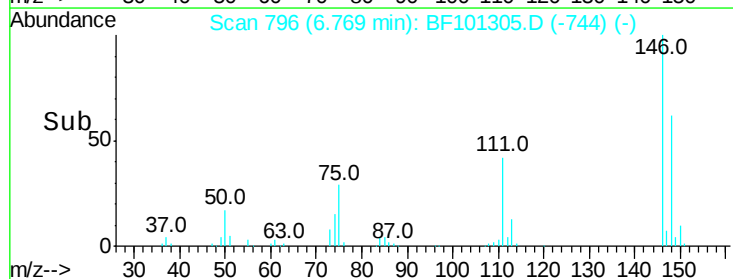
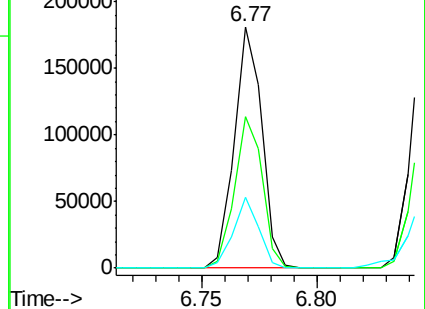
75 29.1 24.2 36.4

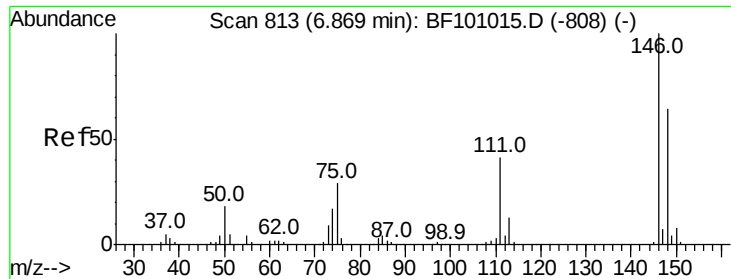


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.296 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampled :

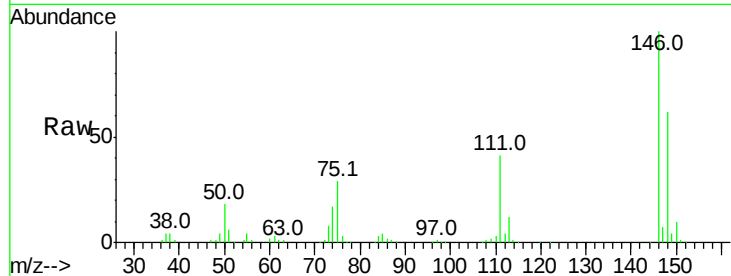
Tot Ion:146 Resp: 151446

Ion Ratio Lower Upper

146 100

148 62.2 50.8 76.2

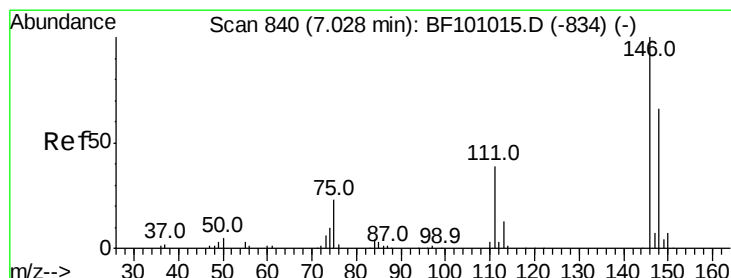
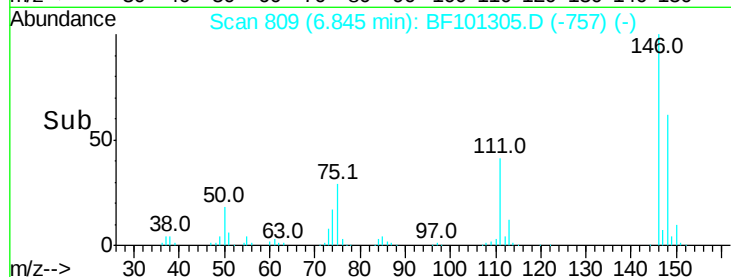
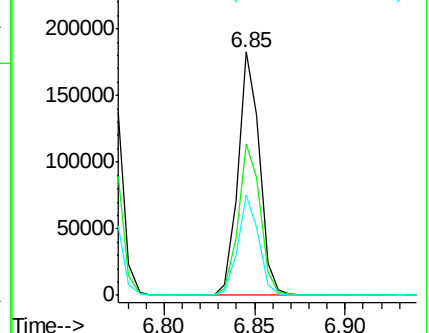
111 41.4 34.2 51.2



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: 40.461 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

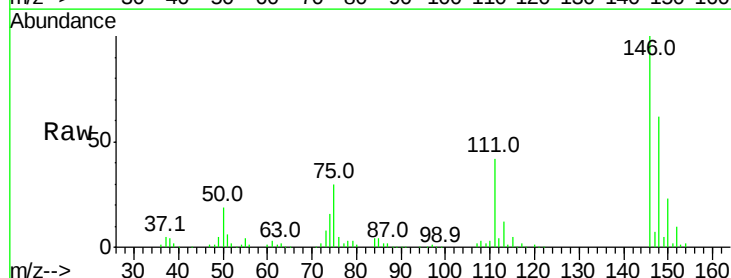
Tgt Ion:146 Resp: 141839

Ion Ratio Lower Upper

146 100

148 62.0 50.6 75.8

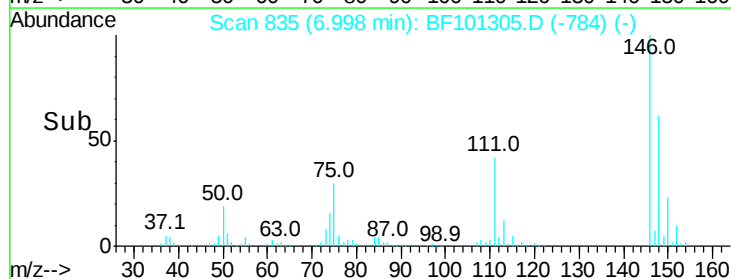
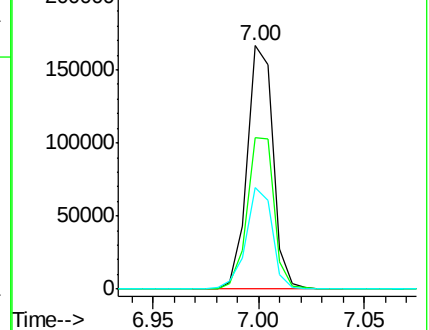
111 41.8 36.0 54.0

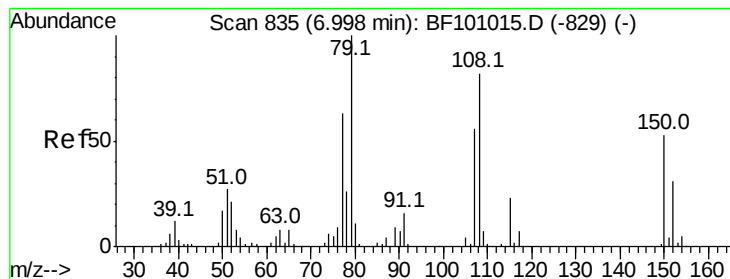


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.759 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

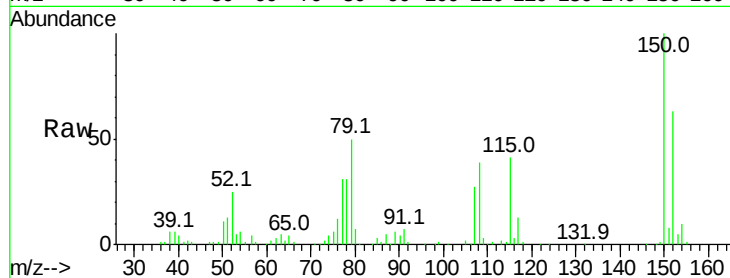
Tot Ion: 79 Resp: 106598

Ion Ratio Lower Upper

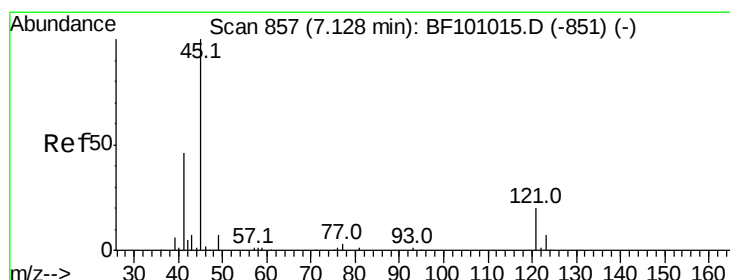
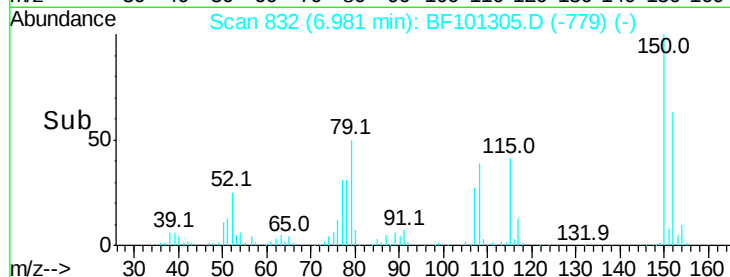
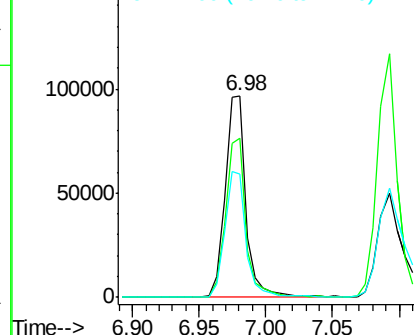
79 100

108 78.7 65.1 97.7

77 61.5 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: 46.154 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

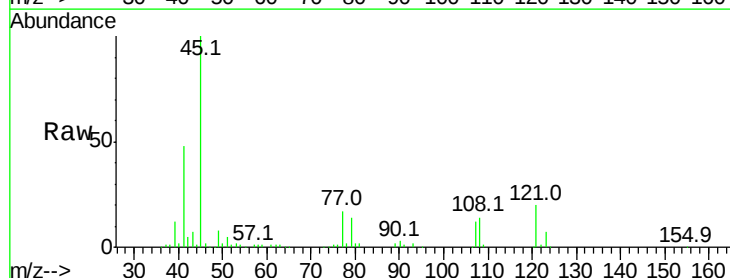
Tgt Ion: 45 Resp: 181638

Ion Ratio Lower Upper

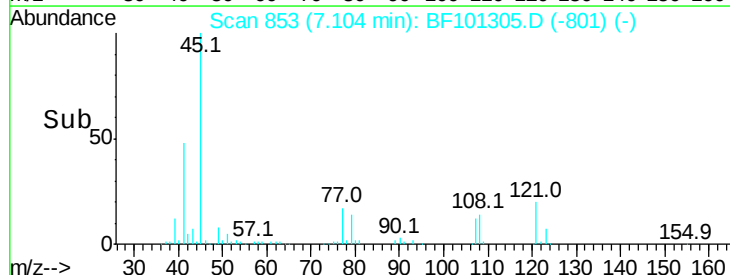
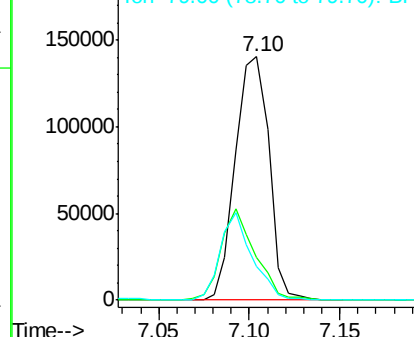
45 100

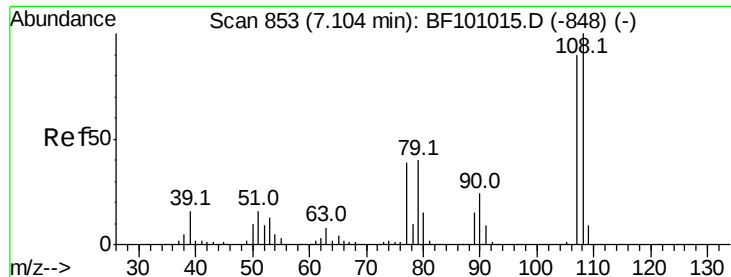
77 17.4 0.0 32.9

79 13.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

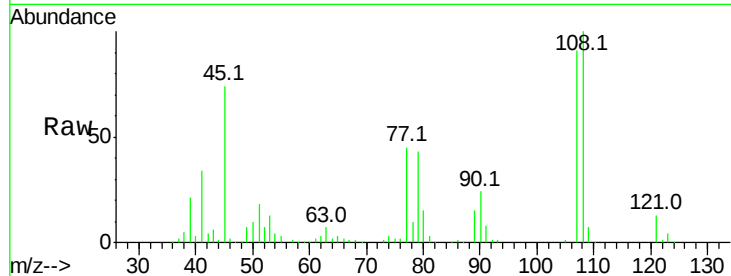




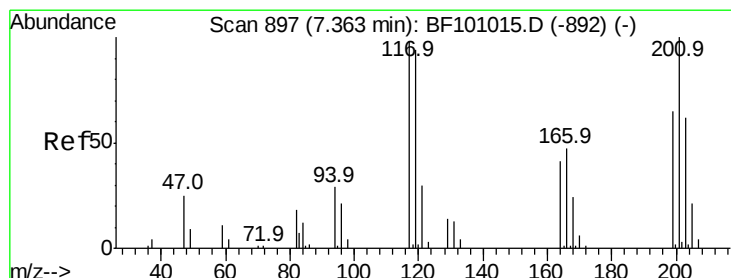
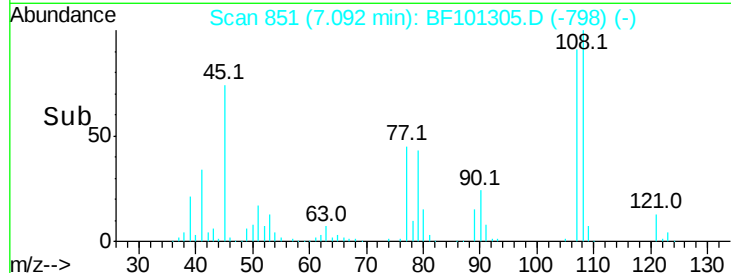
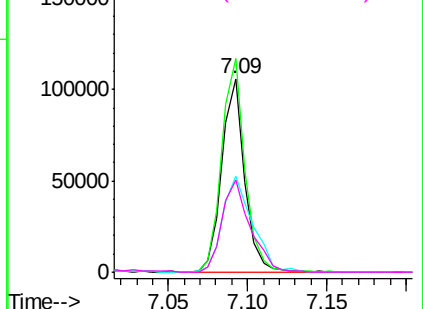
#17
2-Methylphenol
Concen: 42.117 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 106022
Ion Ratio Lower Upper
107 100
108 110.1 91.7 137.5
77 49.3 33.8 50.8
79 47.3 33.8 50.8

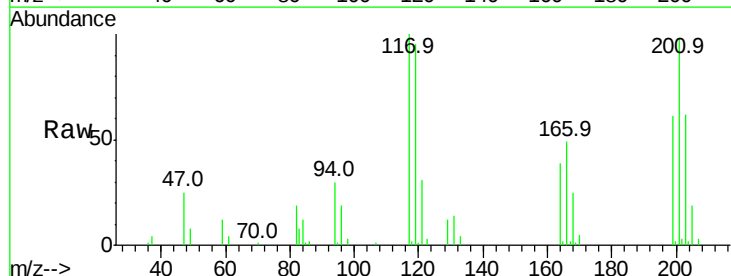


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

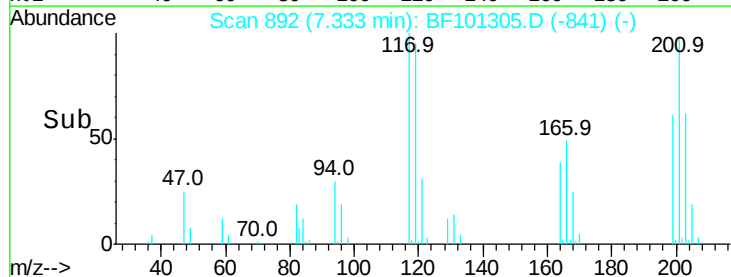
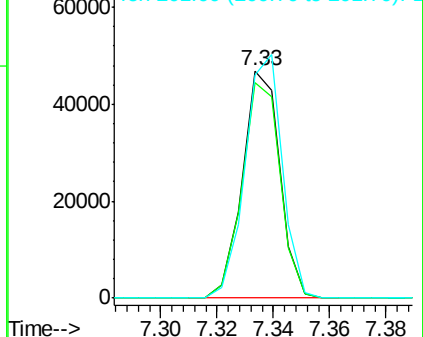


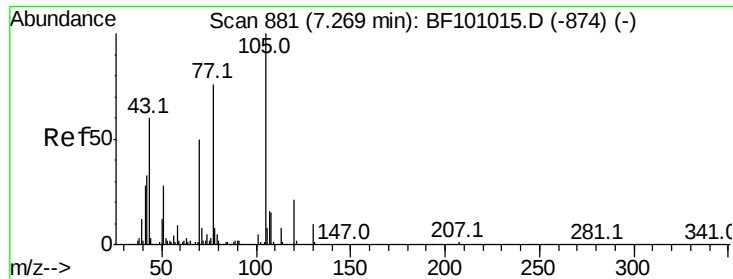
#18
Hexachloroethane
Concen: 35.641 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:117 Resp: 43035
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 98.1 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

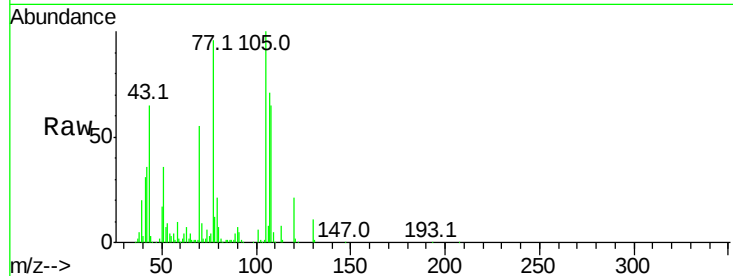




#19
n-Nitroso-di-n-propylamine
Concen: 38.116 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	89108
Ion	Ratio	Lower	Upper
70	100		
42	65.6	47.5	71.3
101	10.1	7.4	11.2
130	19.9	16.6	25.0



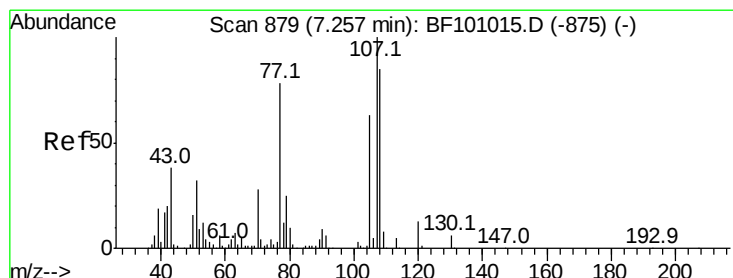
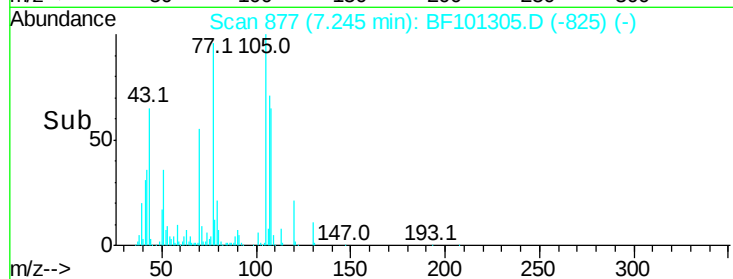
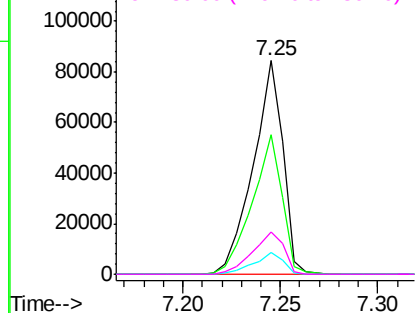
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

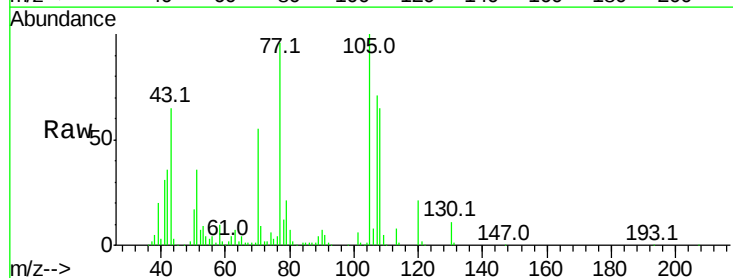
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 41.231 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:	107	Resp:	135363
Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	134.4	26.7	66.7#
79	28.9	6.3	46.3



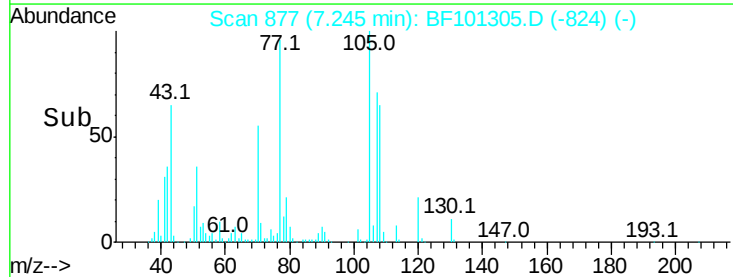
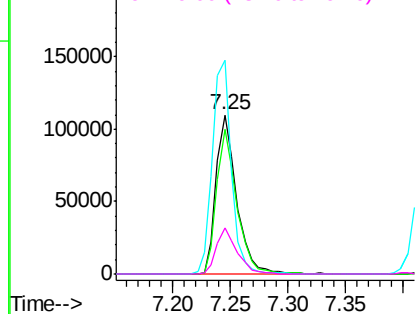
Abundance

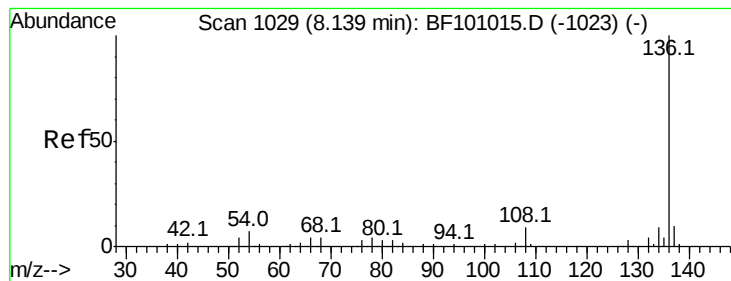
Ion 107.00 (106.70 to 107.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 180908

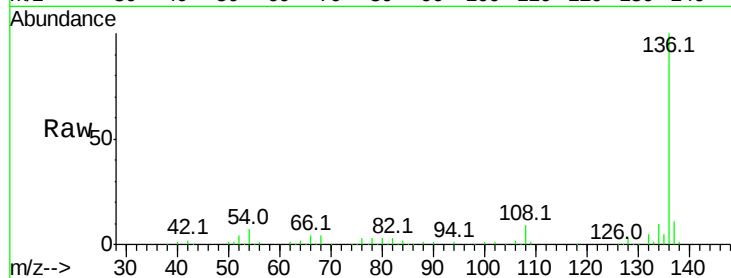
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.7 6.6 9.8

68 4.4 5.0 7.4#

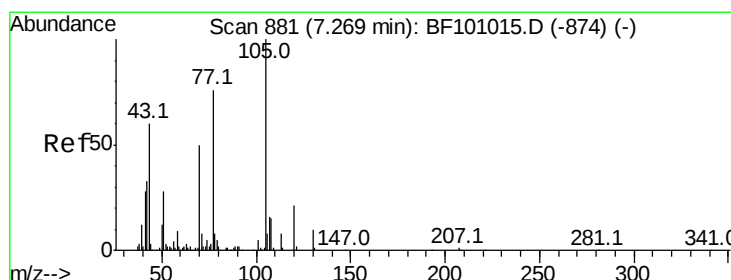
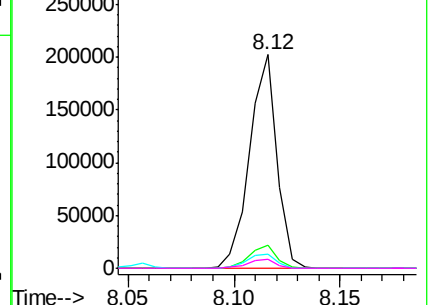
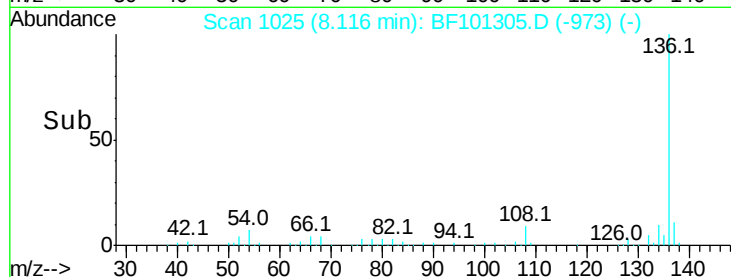


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.337 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:105 Resp: 171927

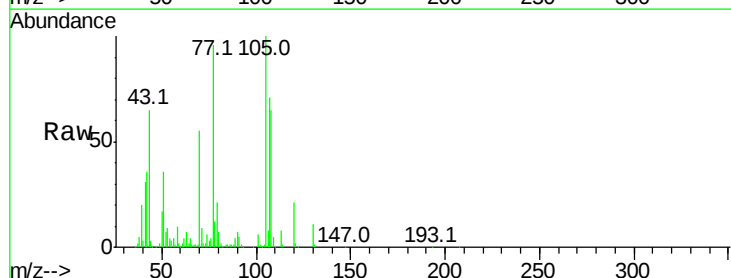
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 36.0 22.3 33.5#

120 21.3 16.9 25.3

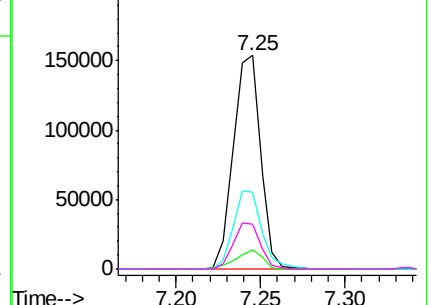
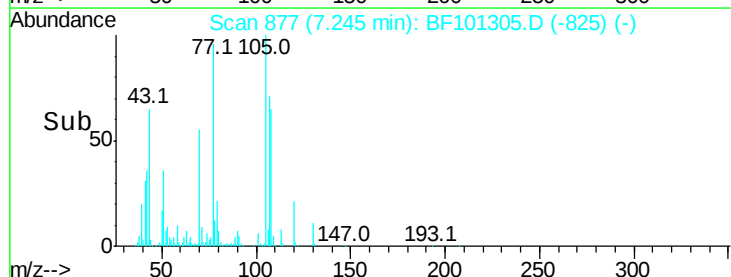


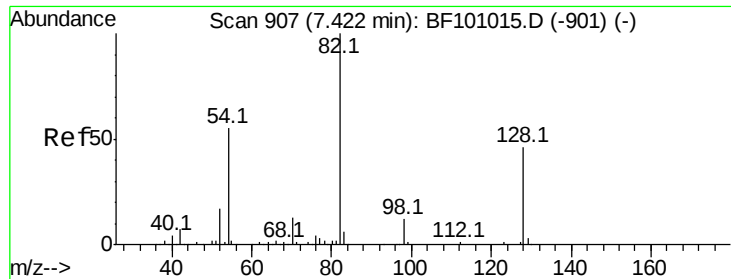
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

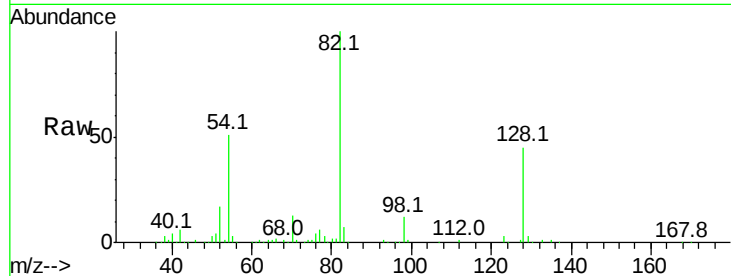




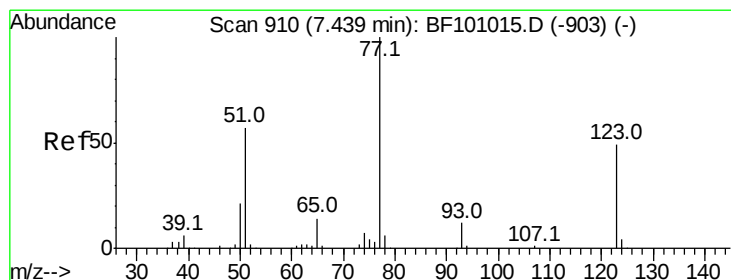
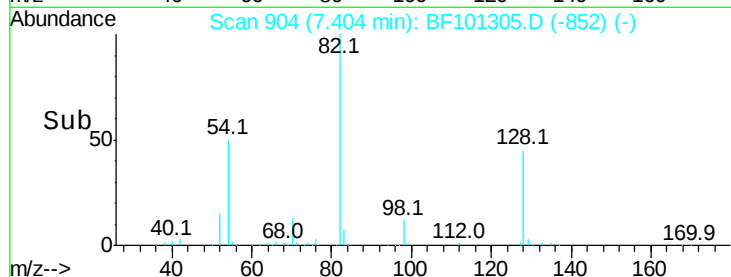
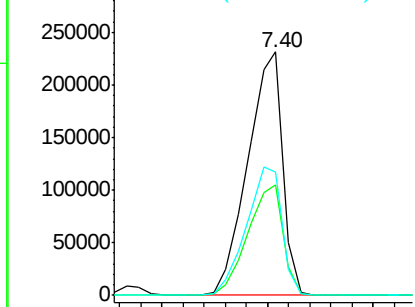
#23
Nitrobenzene-d5
Concen: 87.644 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 265794
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 50.6 41.4 62.2

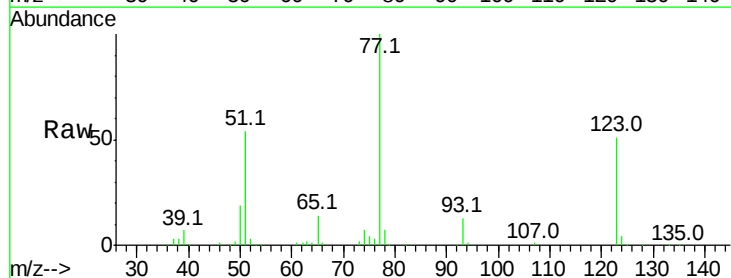


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

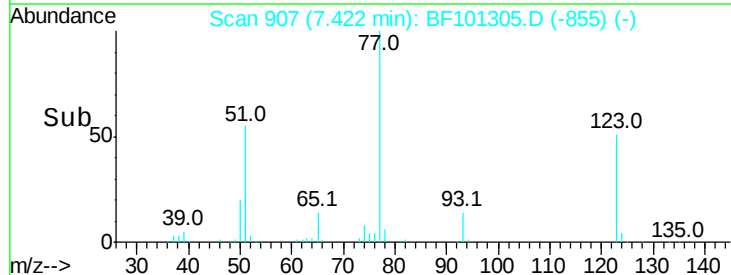
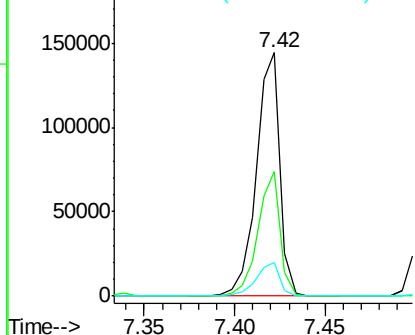


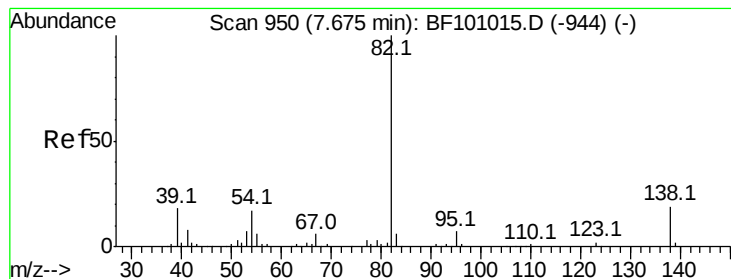
#24
Nitrobenzene
Concen: 43.528 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion: 77 Resp: 129377
Ion Ratio Lower Upper
77 100
123 51.0 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: 44.819 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

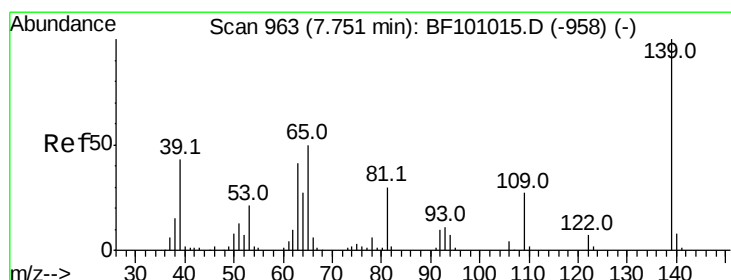
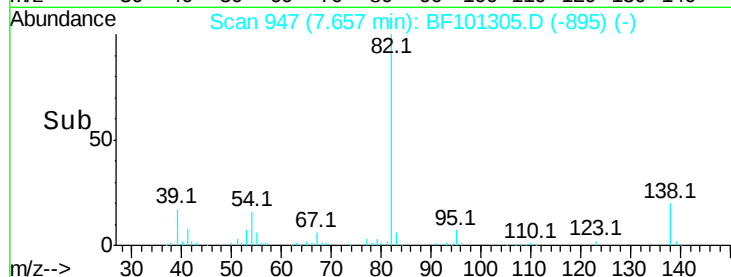
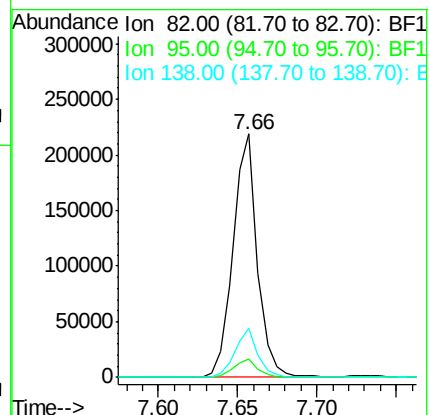
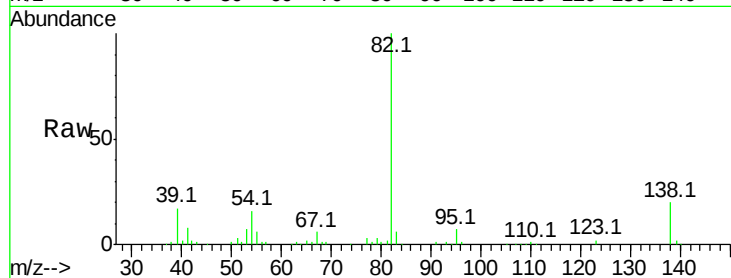
Tot Ion: 82 Resp: 232171

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 20.2 14.9 22.3



#26

2-Nitrophenol

Concen: 36.937 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

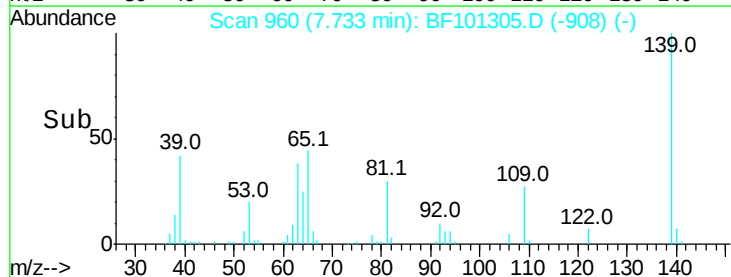
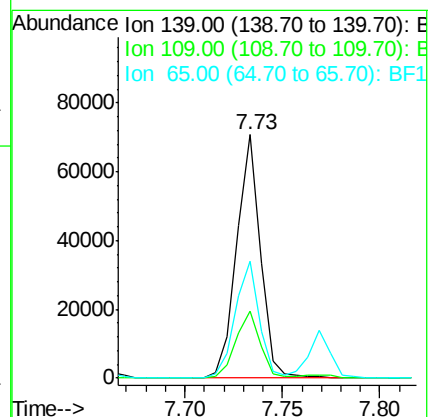
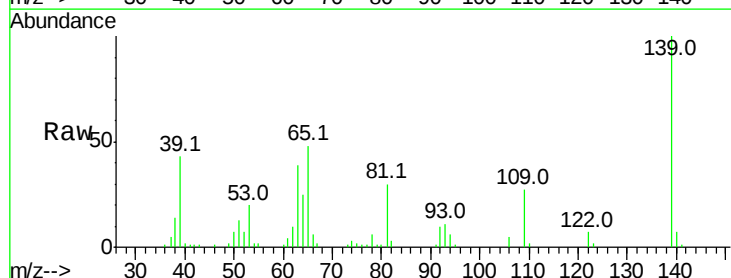
Tgt Ion: 139 Resp: 60267

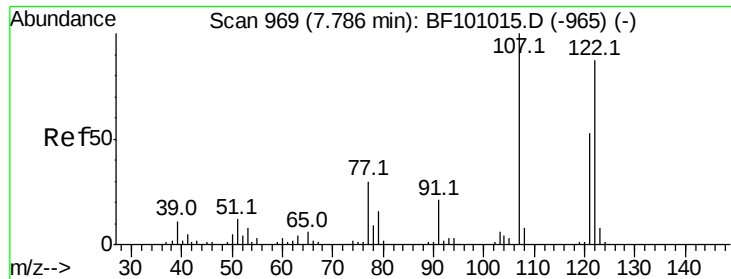
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 48.0 40.5 60.7

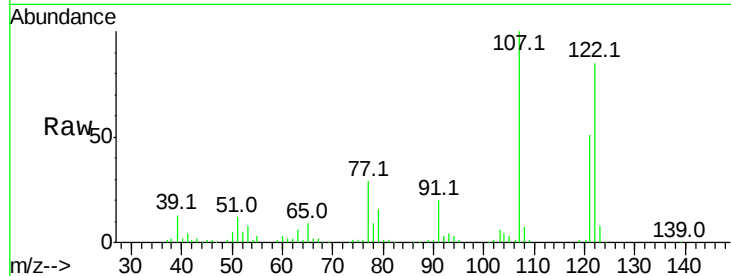




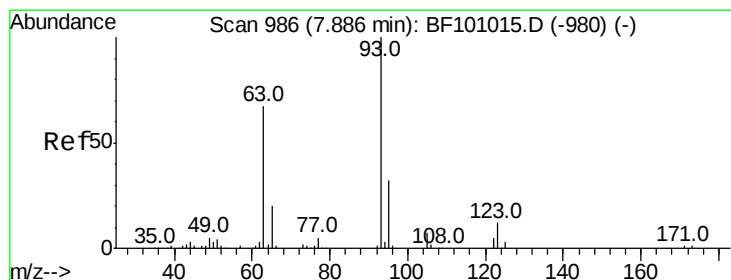
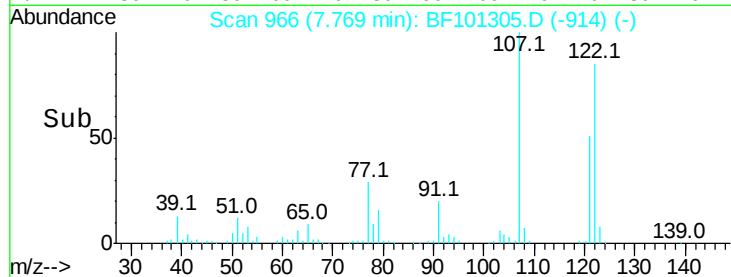
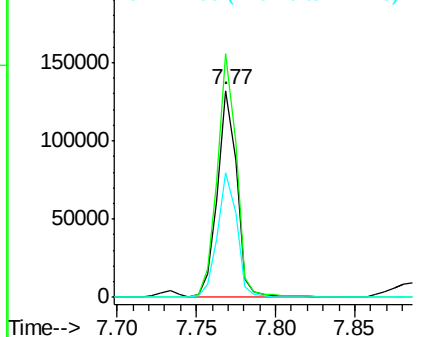
#27
 2,4-Dimethylphenol
 Concen: 47.767 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.2	136.8
121	60.0	47.2	70.8

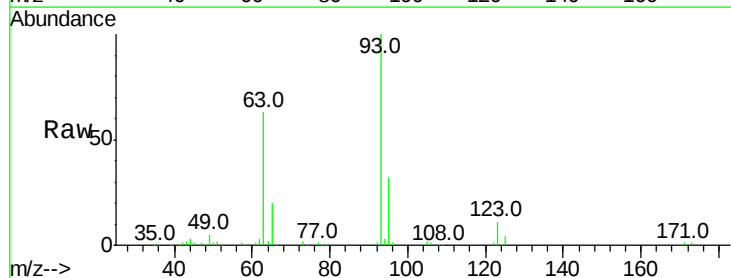


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

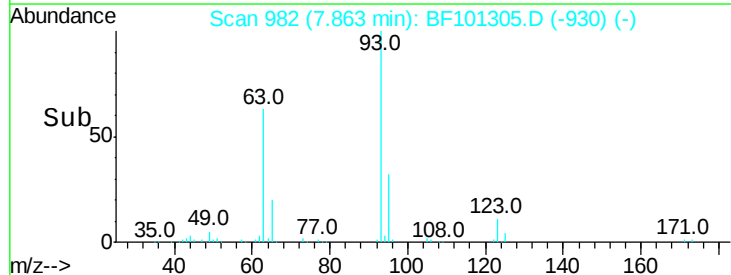
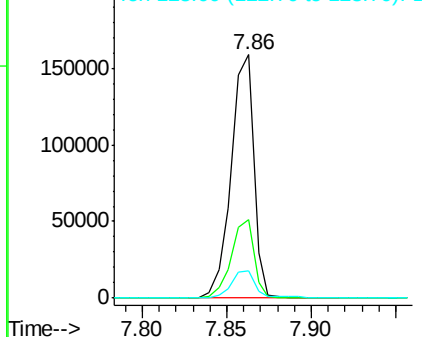


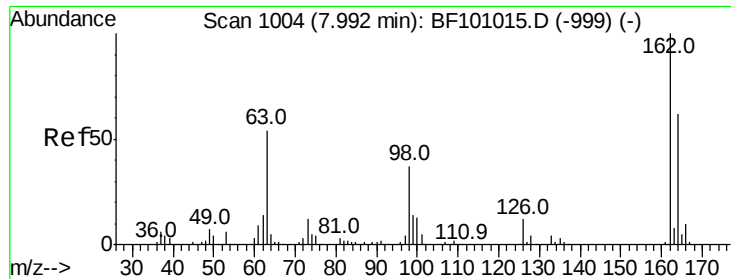
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.533 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	11.3	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

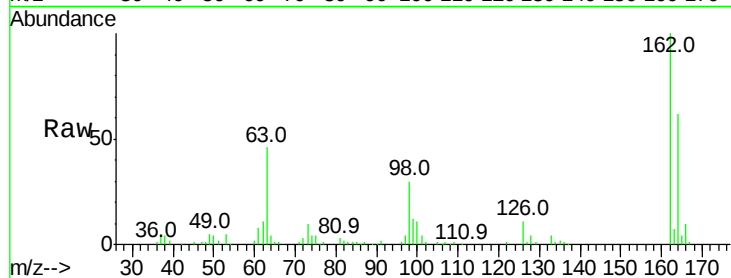




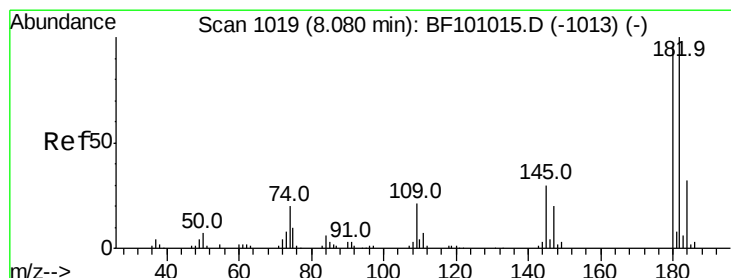
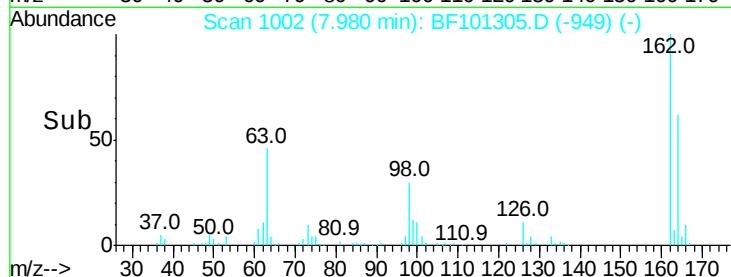
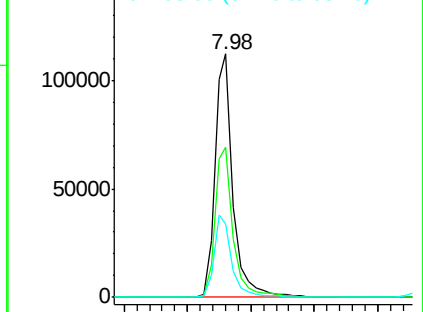
#29
 2,4-Dichlorophenol
 Concen: 43.658 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.7	82.7
98	30.2	18.1	58.1

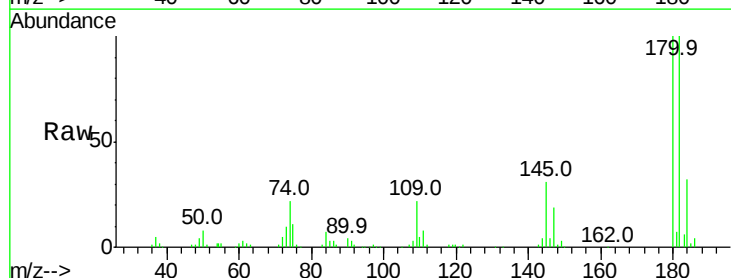


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

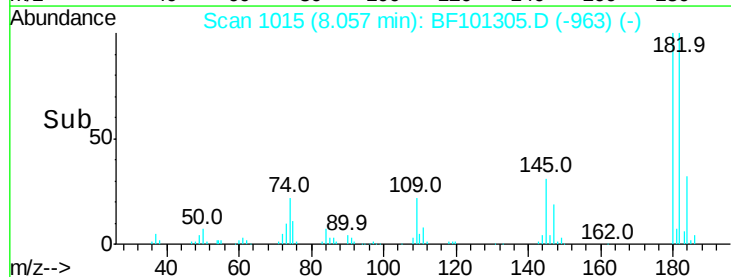
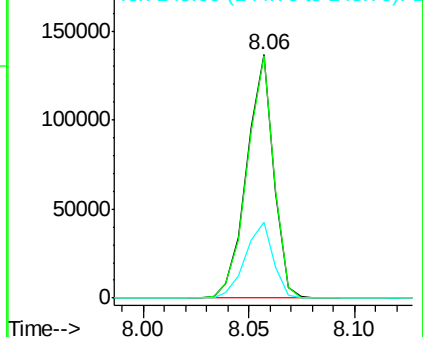


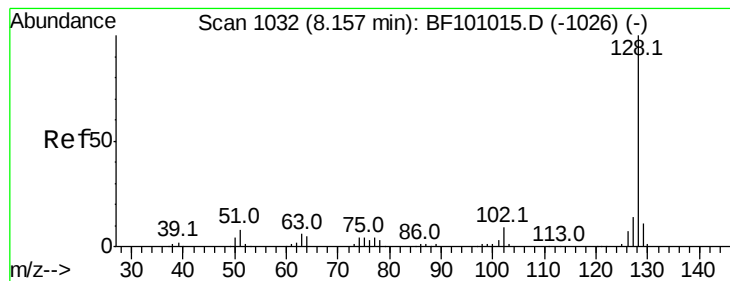
#30
 1,2,4-Trichlorobenzene
 Concen: 42.708 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.8	115.2
145	31.2	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: 41.482 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

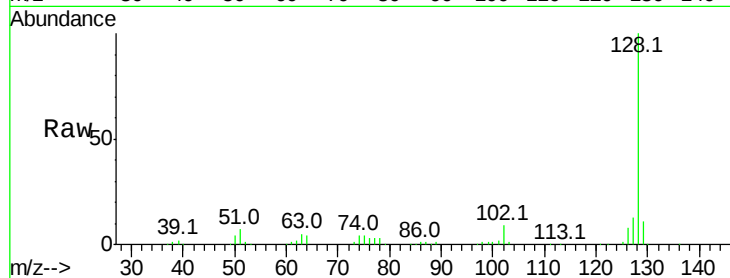
Tot Ion:128 Resp: 369855

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

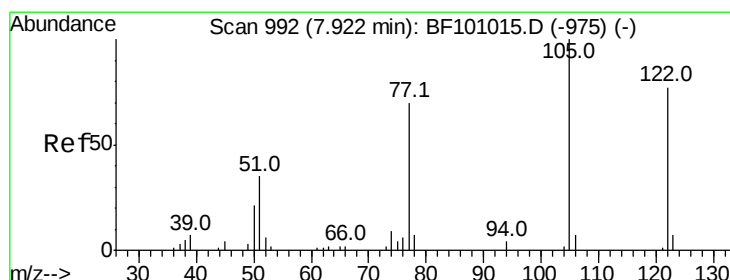
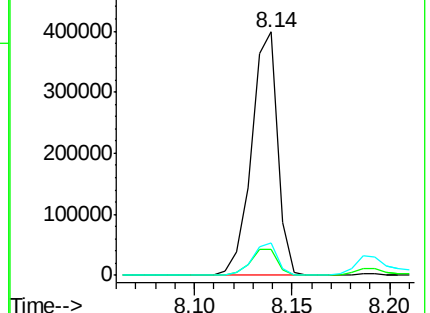
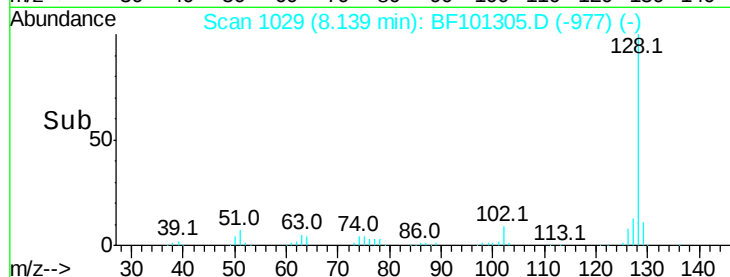
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.096 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

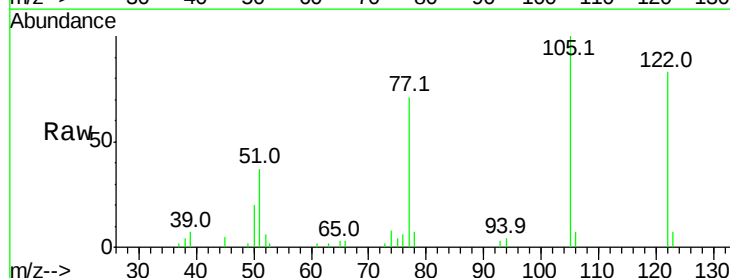
Tgt Ion:122 Resp: 20369

Ion Ratio Lower Upper

122 100

105 120.2 101.1 141.1

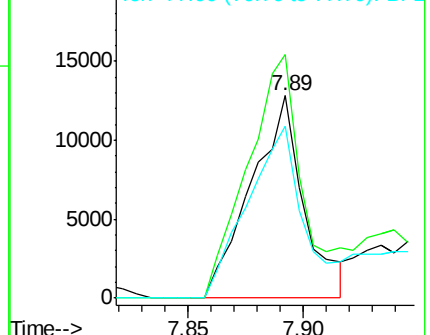
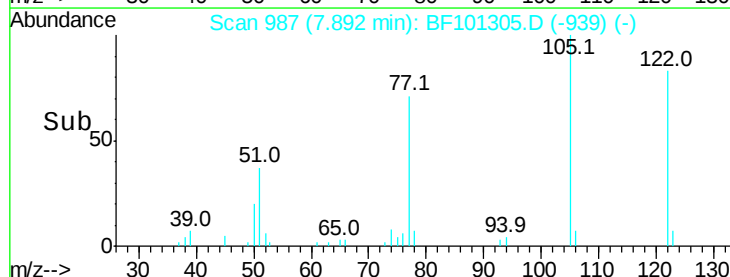
77 84.8 70.7 110.7

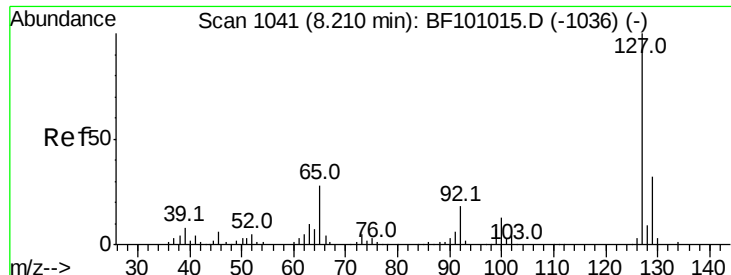


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

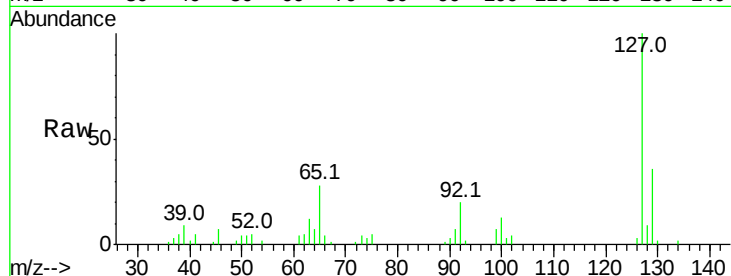




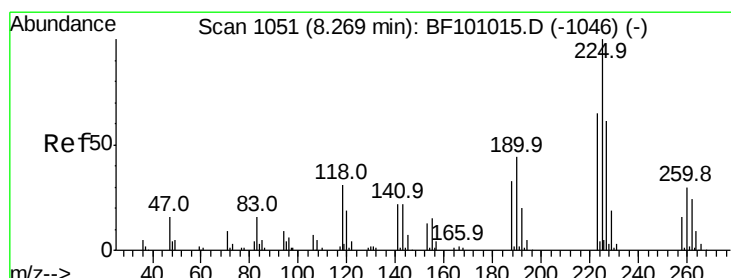
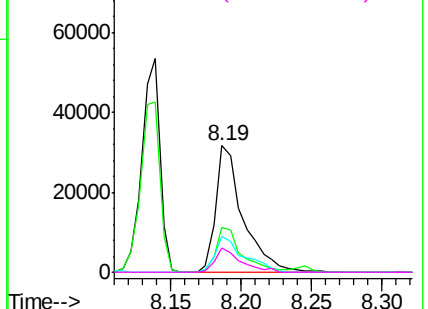
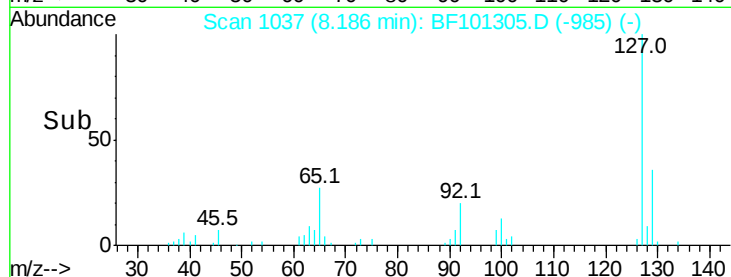
#33
4-Chloroaniline
Concen: 11.917 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 42694
Ion Ratio Lower Upper
127 100
129 35.7 25.9 38.9
65 28.2 25.0 37.4
92 19.5 15.2 22.8

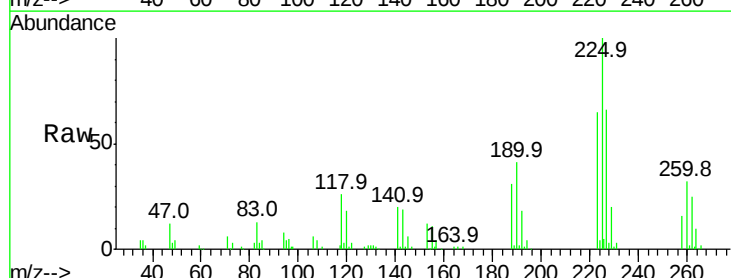


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

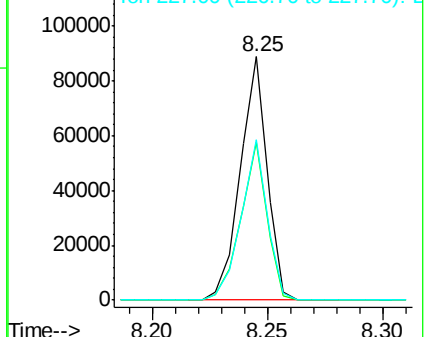
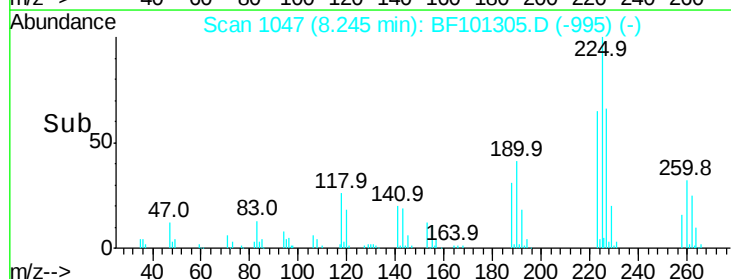


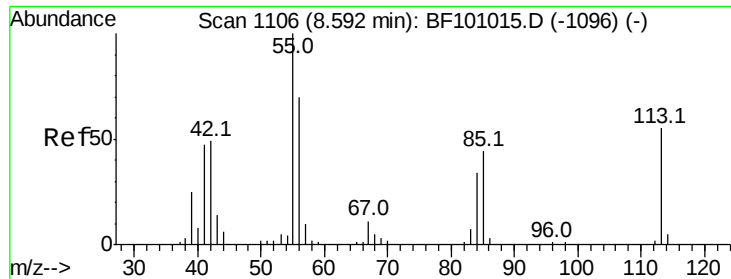
#34
Hexachlorobutadiene
Concen: 41.775 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:225 Resp: 72383
Ion Ratio Lower Upper
225 100
223 64.9 50.6 76.0
227 65.8 51.9 77.9



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

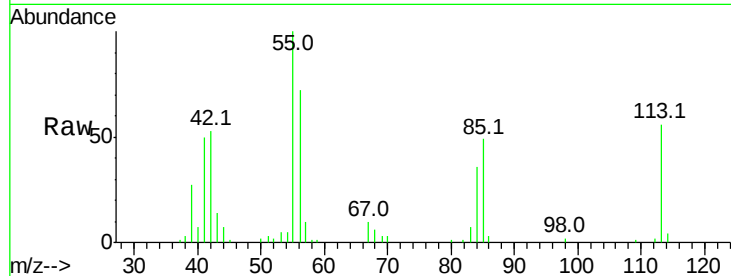




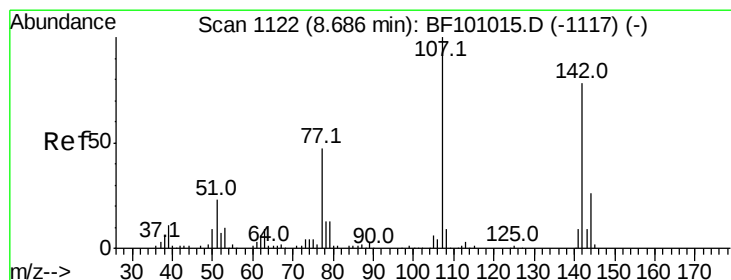
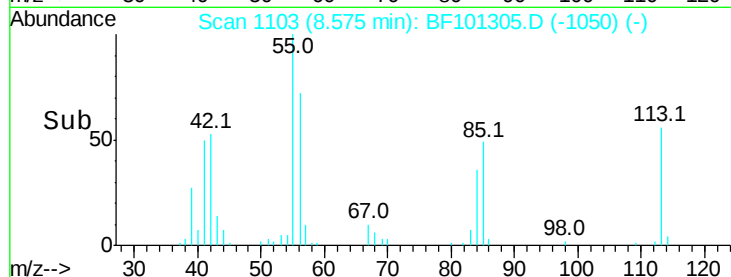
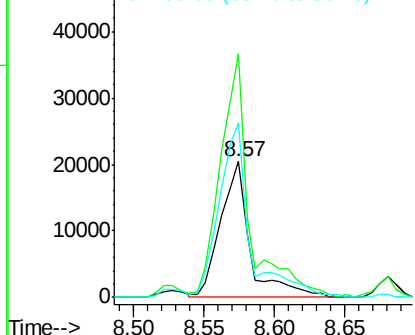
#35
Caprolactam
Concen: 37.215 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 29797
Ion Ratio Lower Upper
113 100
55 179.1 163.3 203.3
56 128.3 115.7 155.7

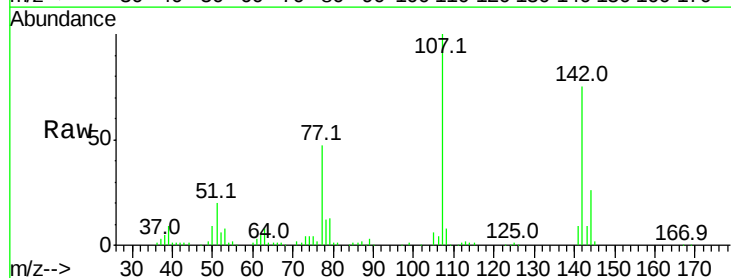


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

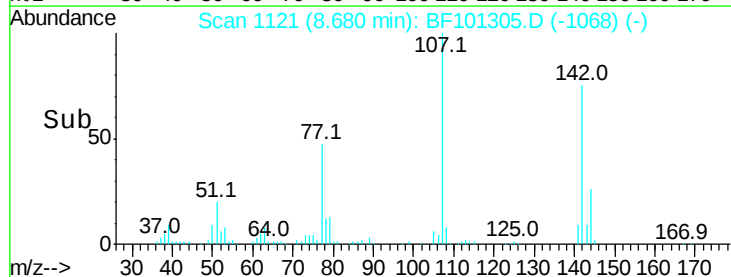
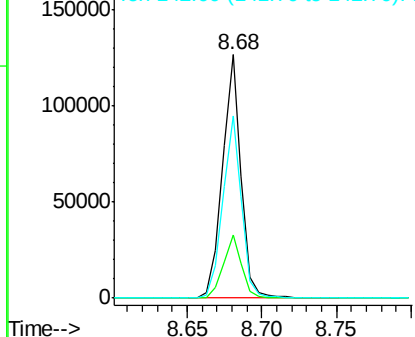


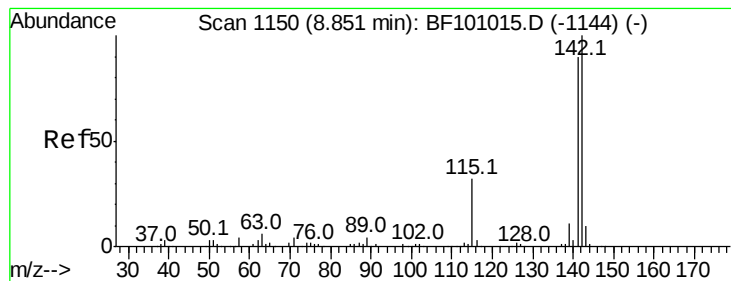
#36
4-Chloro-3-methylphenol
Concen: 41.804 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:107 Resp: 111254
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 75.0 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 42.146 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

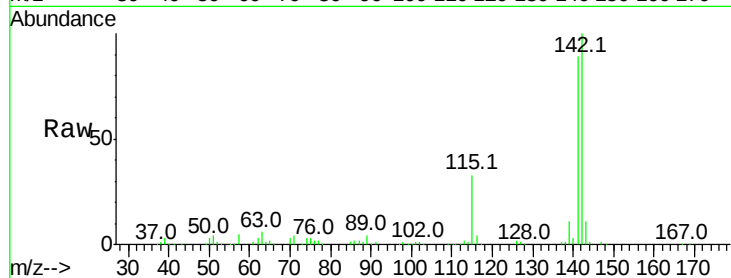
Tot Ion:142 Resp: 255336

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

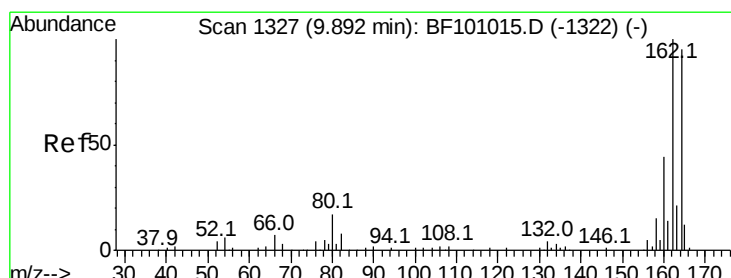
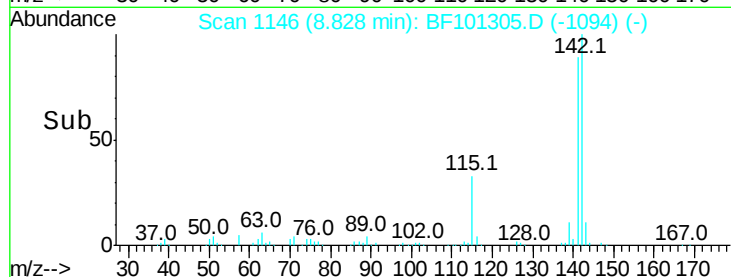
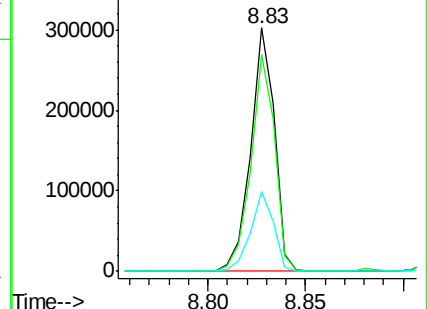
115 32.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

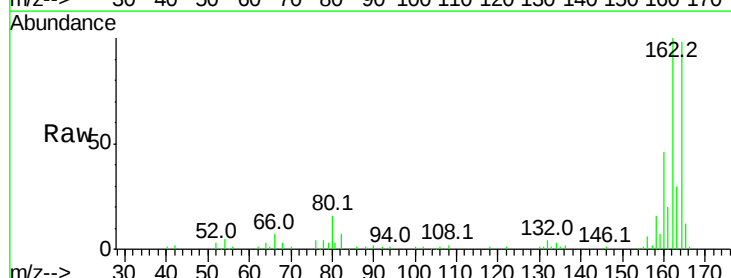
Tgt Ion:164 Resp: 80715

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

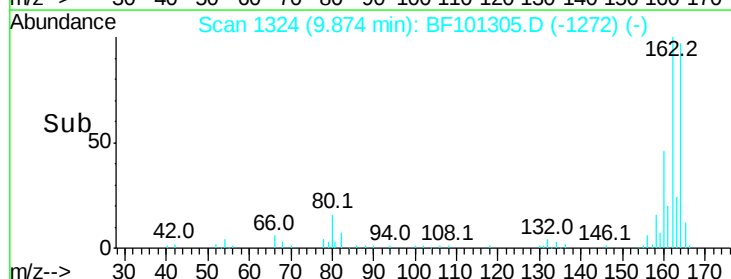
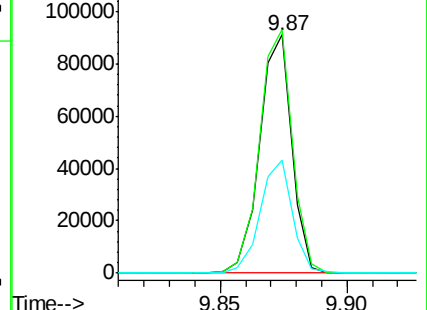
160 47.3 38.3 57.5

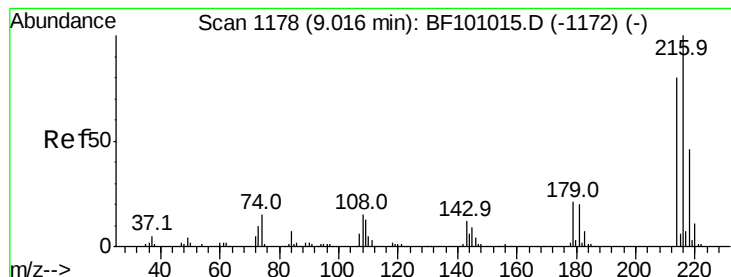


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.168 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 114849

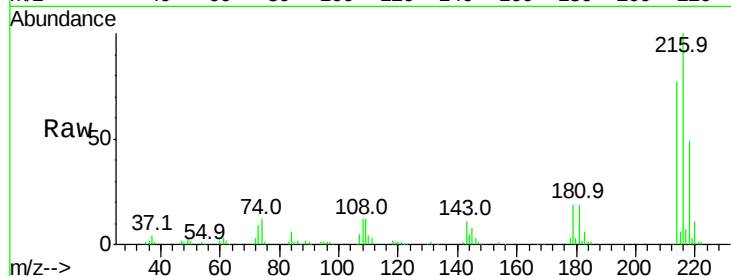
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 19.9 18.1 27.1

108 14.9 17.2 25.8#

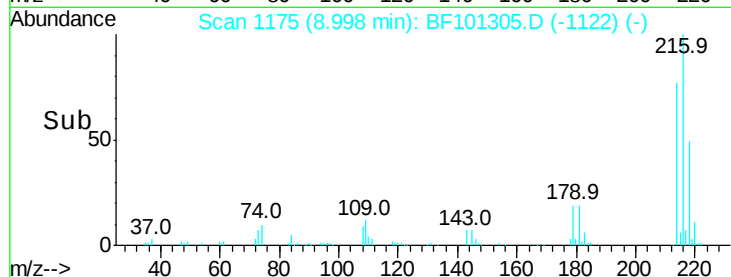


Abundance Ion 216.00 (215.70 to 216.70): E

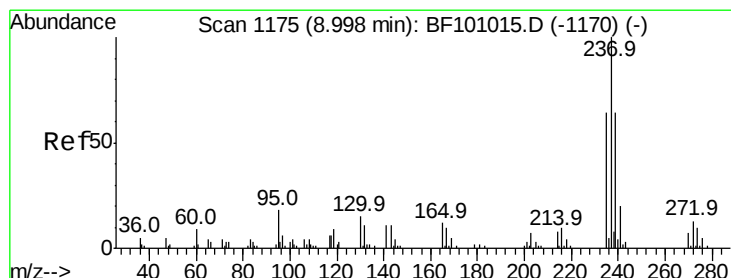
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 13.813 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

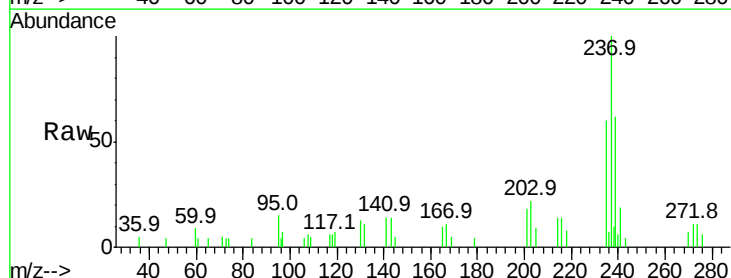
Tgt Ion:237 Resp: 6715

Ion Ratio Lower Upper

237 100

235 59.9 44.8 84.8

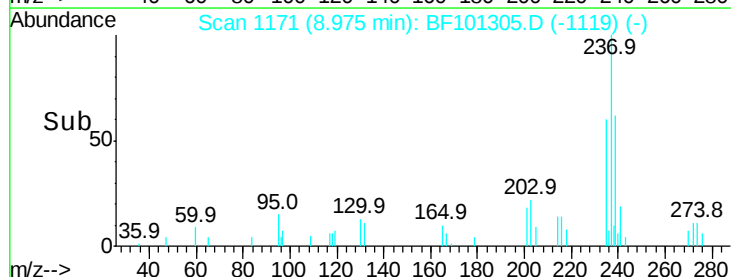
272 11.4 0.0 33.3



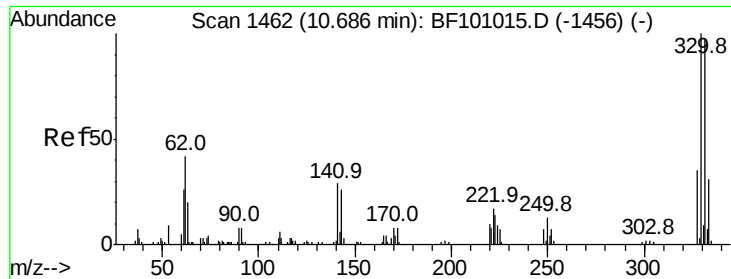
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



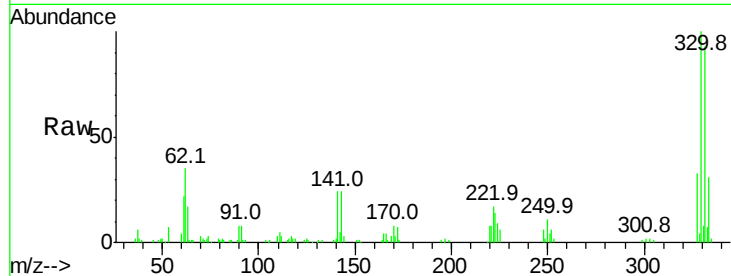
Time-->



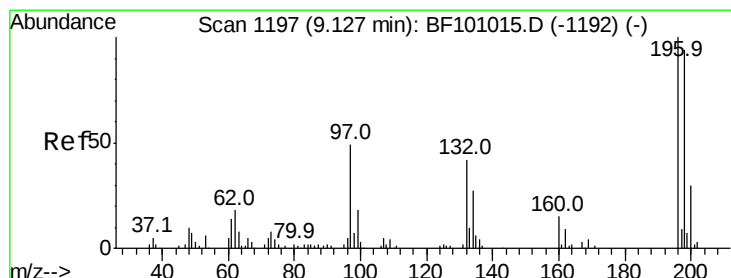
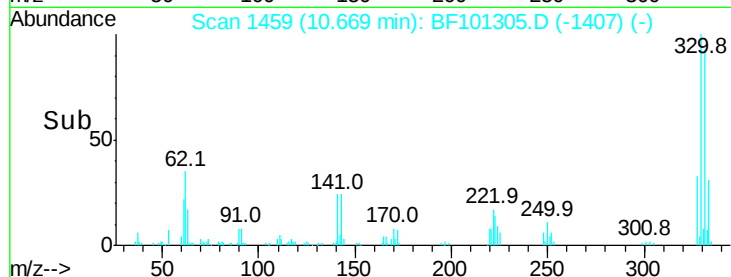
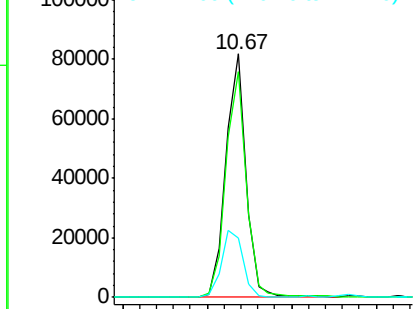
#41
 2,4,6-Tribromophenol
 Concen: 70.251 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 68117
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 29.3 29.9 44.9#

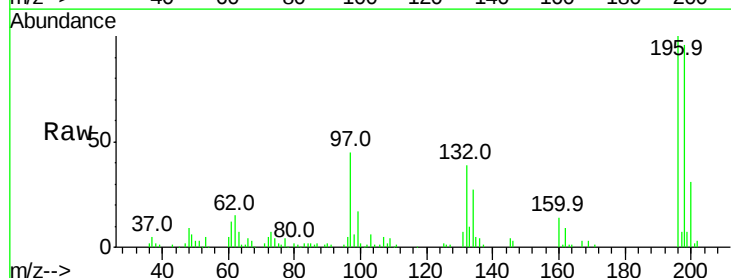


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

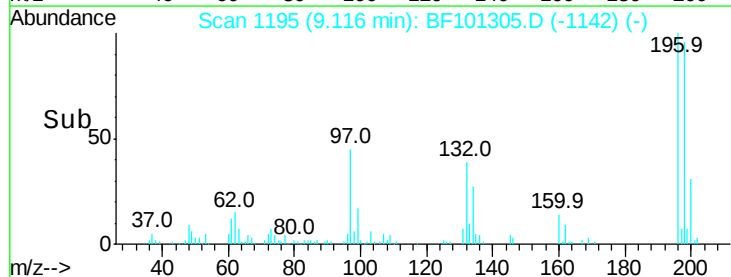
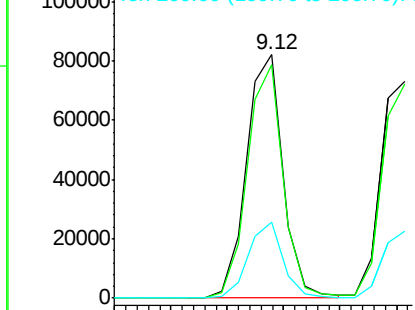


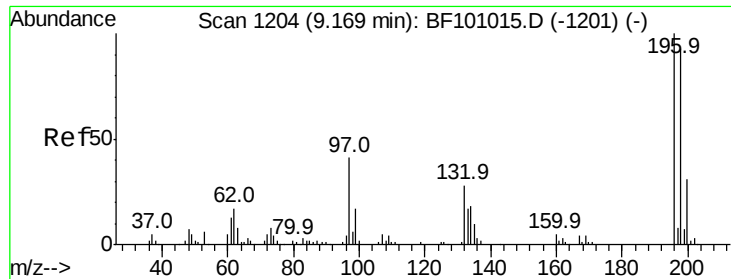
#42
 2,4,6-Trichlorophenol
 Concen: 42.851 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion:196 Resp: 73655
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 30.9 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

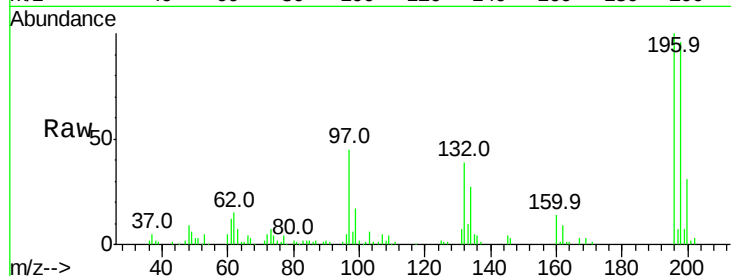




#43
 2,4,5-Trichlorophenol
 Concen: 40.081 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	44.9	42.9	64.3
132	39.2	26.3	39.5



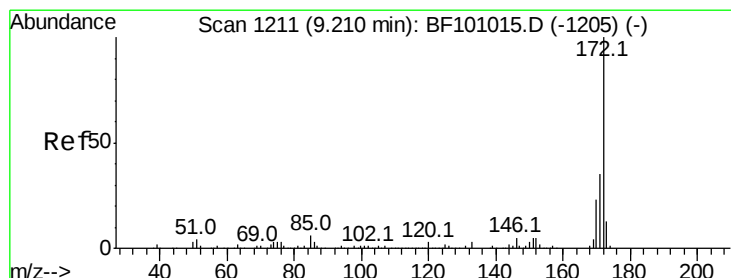
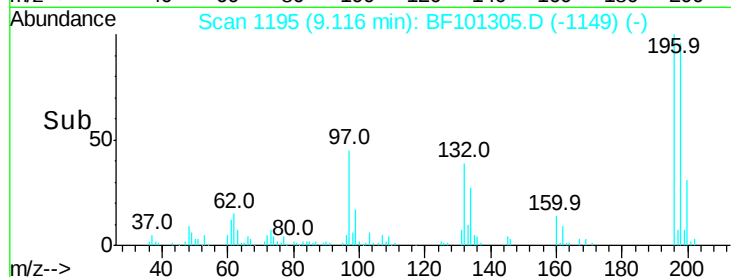
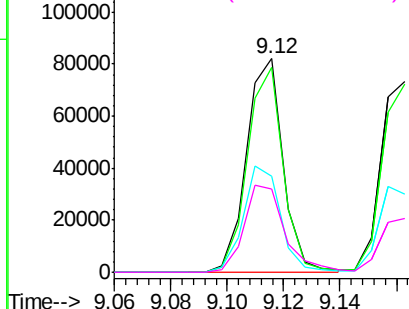
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

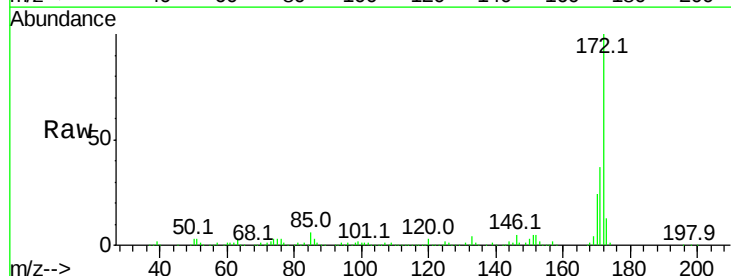
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.844 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4

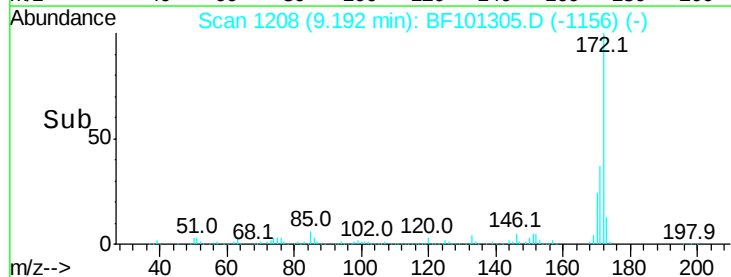
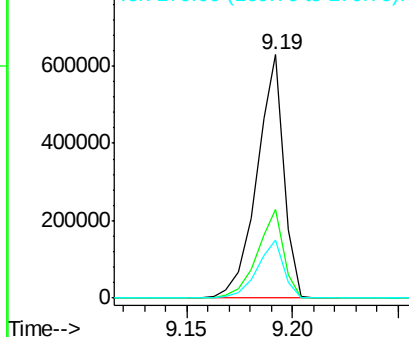


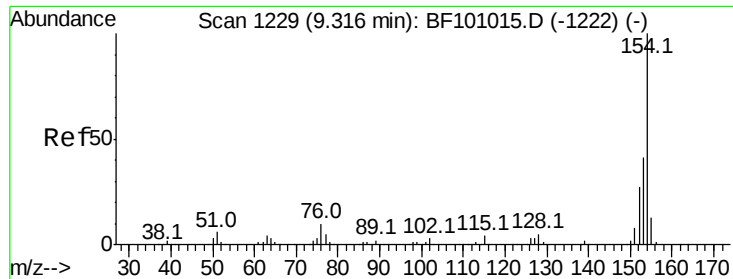
Abundance

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: 39.589 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampled :

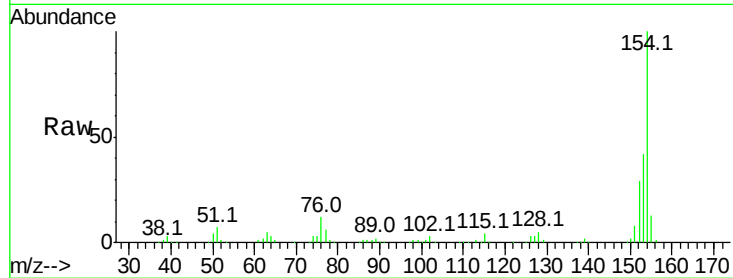
Tot Ion:154 Resp: 292762

Ion Ratio Lower Upper

154 100

153 42.1 21.3 61.3

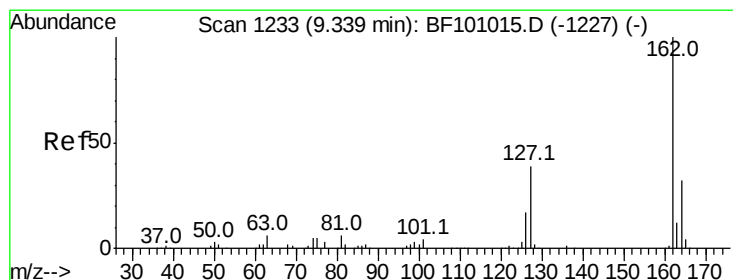
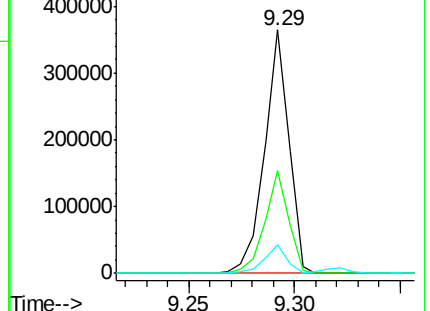
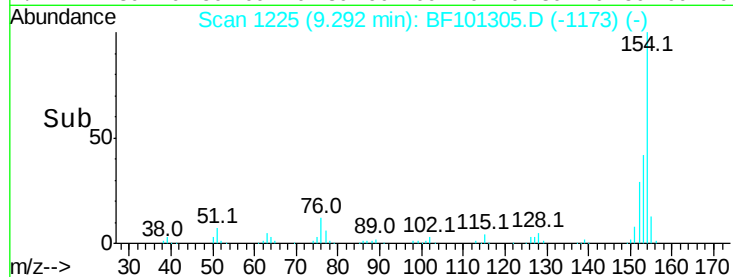
76 11.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 43.721 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

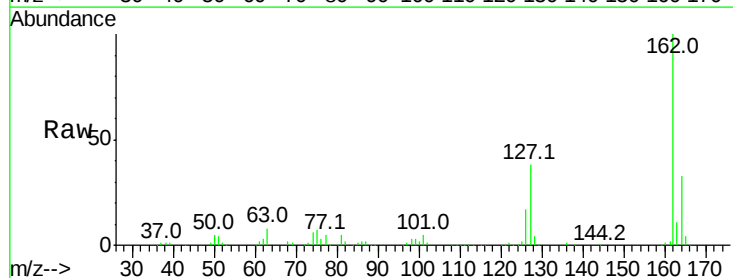
Tgt Ion:162 Resp: 229617

Ion Ratio Lower Upper

162 100

127 38.4 33.9 50.9

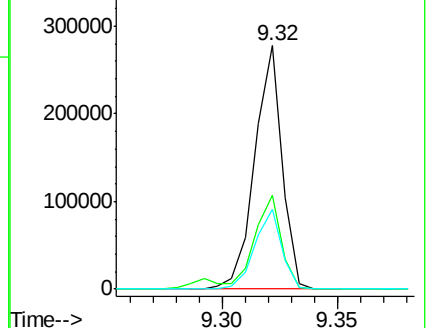
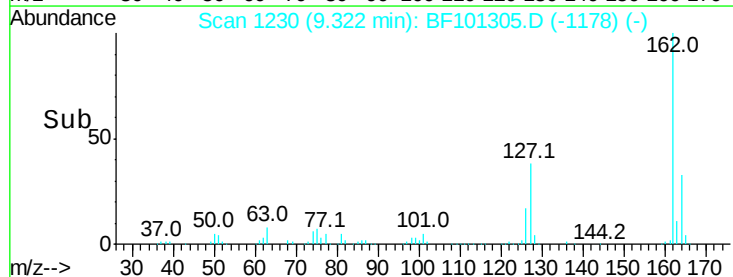
164 32.6 26.5 39.7

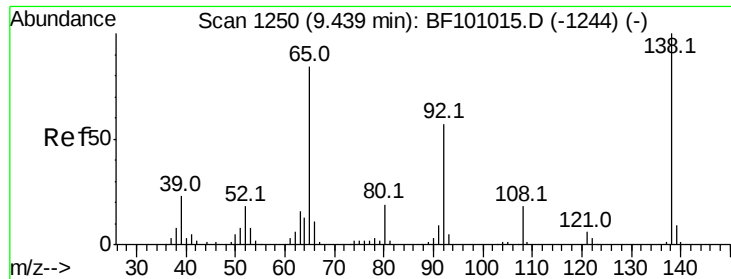


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

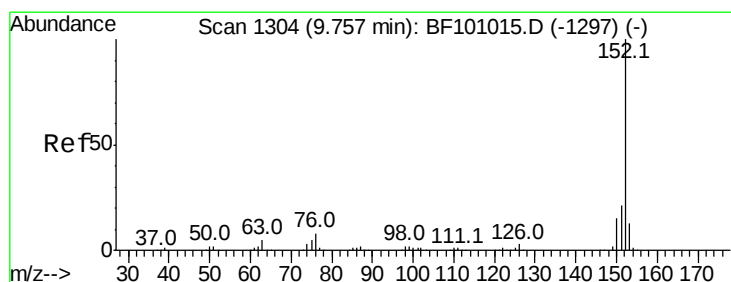
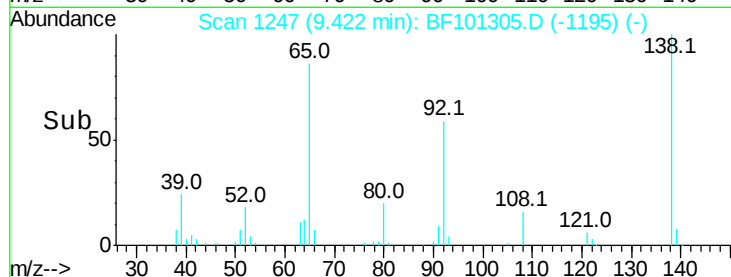
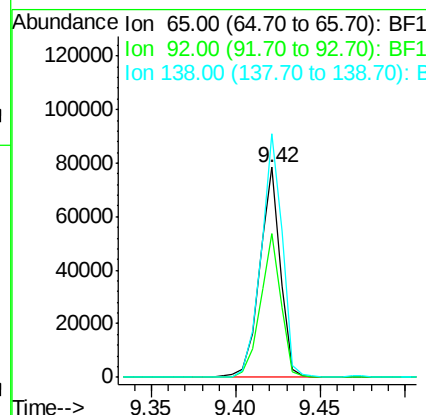
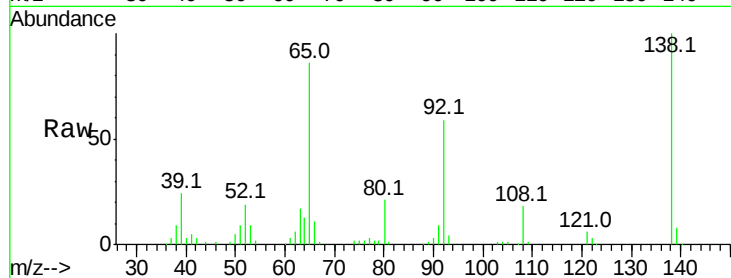




#47
2-Nitroaniline
Concen: 43.142 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

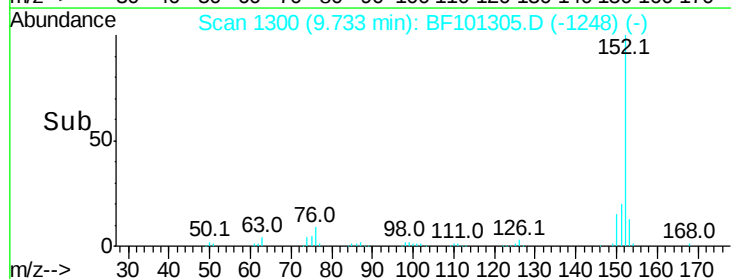
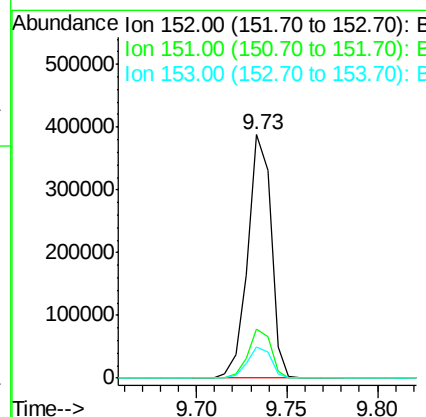
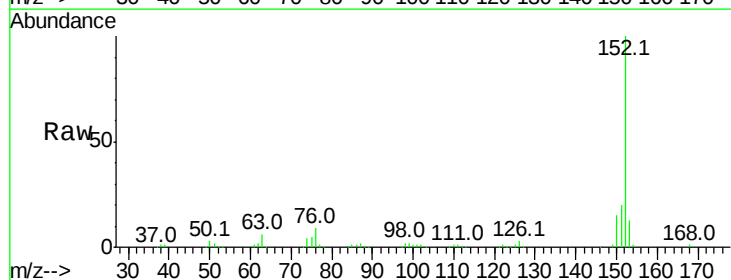
Instrument :
BNA_F
ClientSampleId :

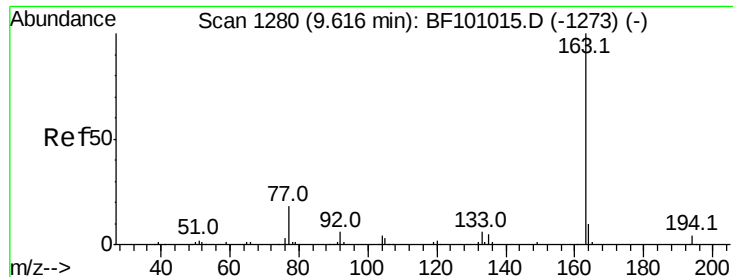
Tot Ion: 65 Resp: 67035
Ion Ratio Lower Upper
65 100
92 68.4 55.8 83.6
138 116.0 91.2 136.8



#48
Acenaphthylene
Concen: 40.146 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion: 152 Resp: 346498
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.9 10.7 16.1

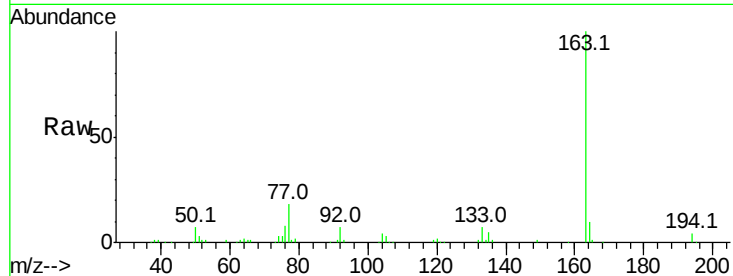




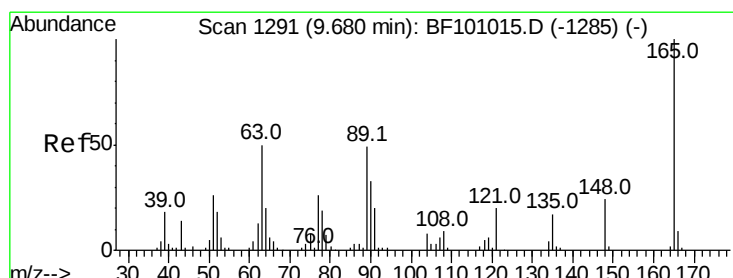
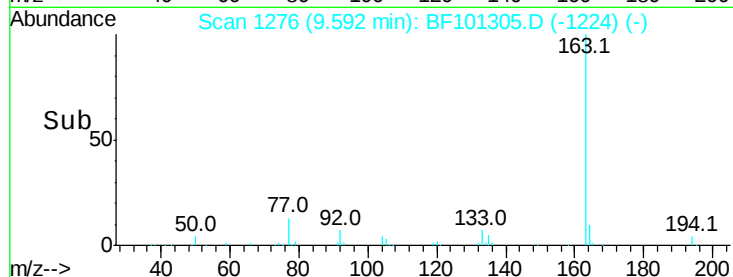
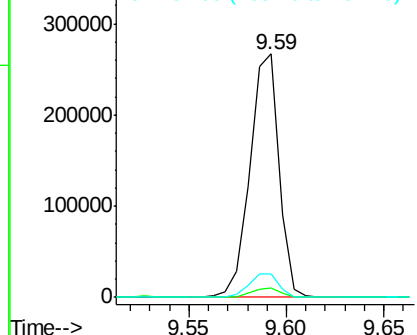
#49
Dimethylphthalate
Concen: 42.239 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 274954
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2

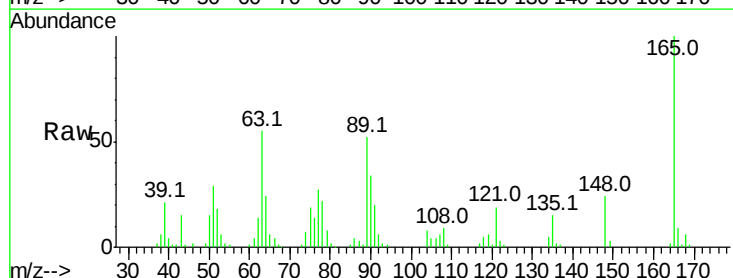


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

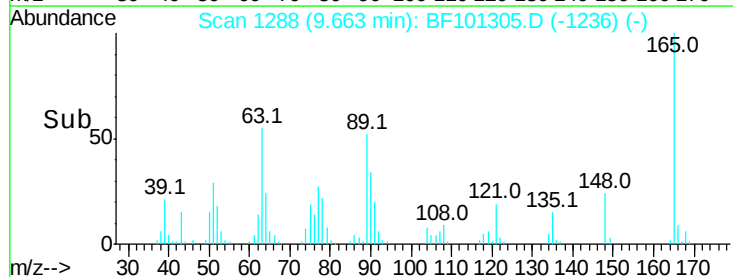
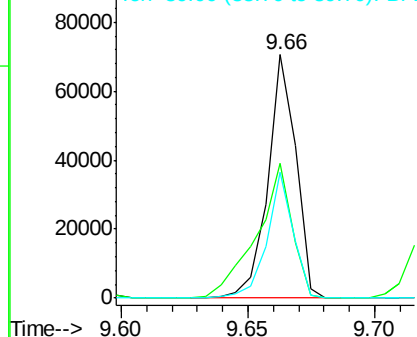


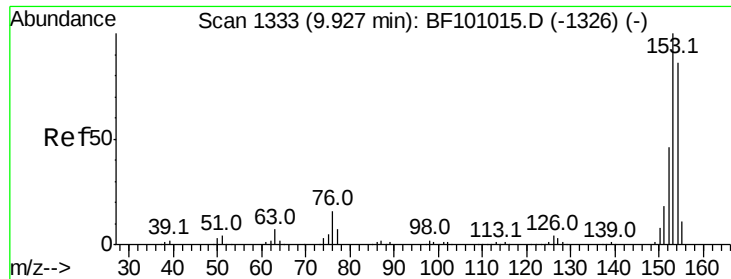
#50
2,6-Dinitrotoluene
Concen: 39.426 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:165 Resp: 54055
Ion Ratio Lower Upper
165 100
63 55.3 44.7 67.1
89 51.7 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: 39.230 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

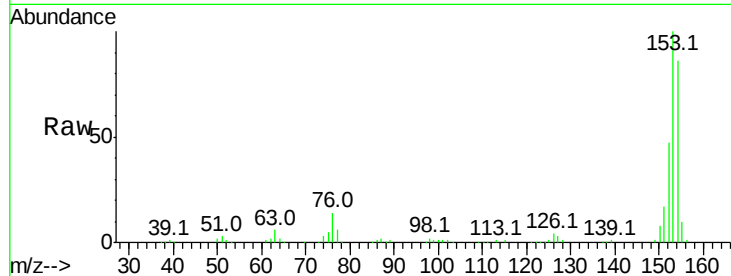
Tot Ion:154 Resp: 202747

Ion Ratio Lower Upper

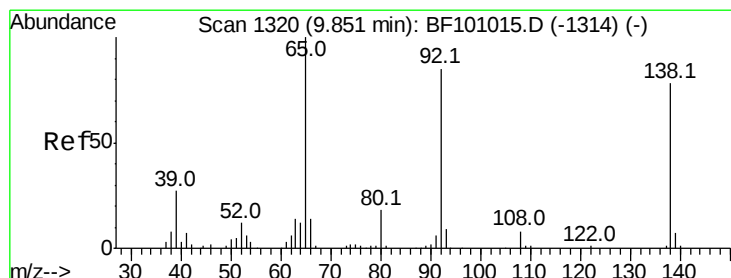
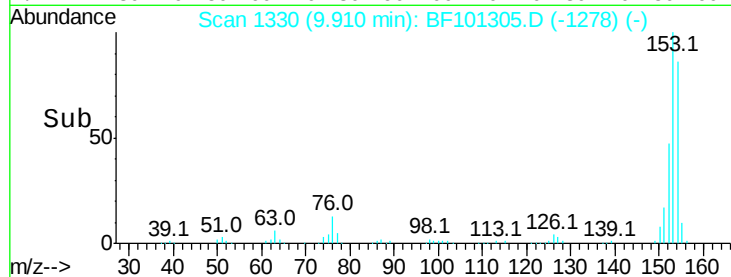
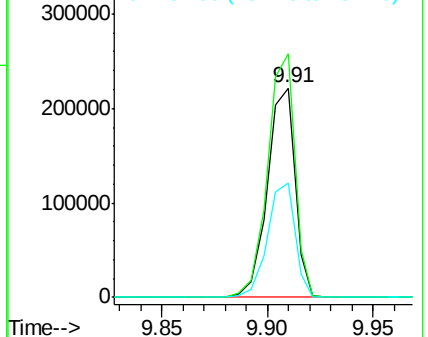
154 100

153 116.1 91.2 136.8

152 54.7 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: 28.781 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

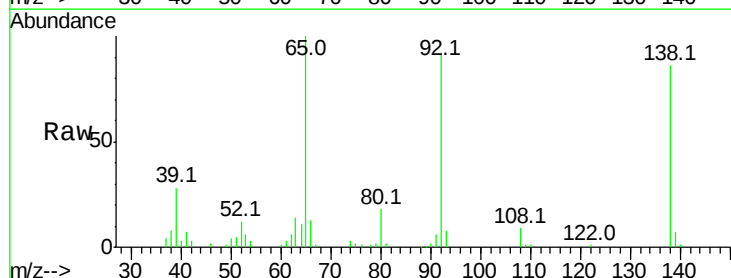
Tgt Ion:138 Resp: 44375

Ion Ratio Lower Upper

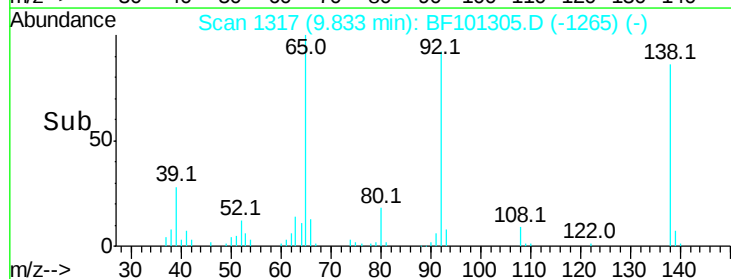
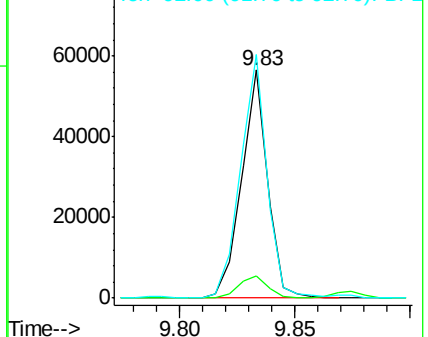
138 100

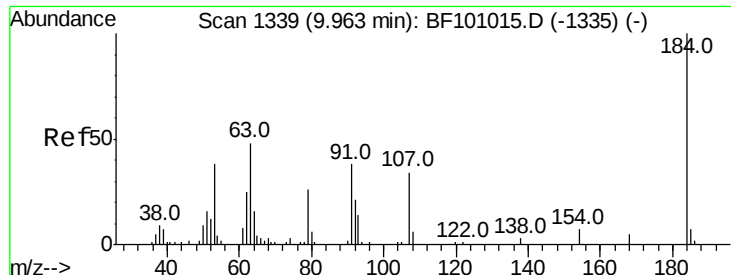
108 10.0 9.4 14.0

92 106.7 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

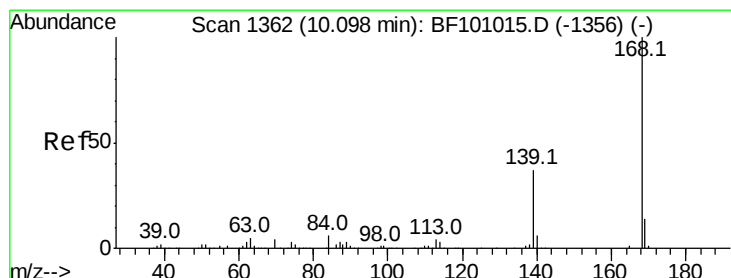
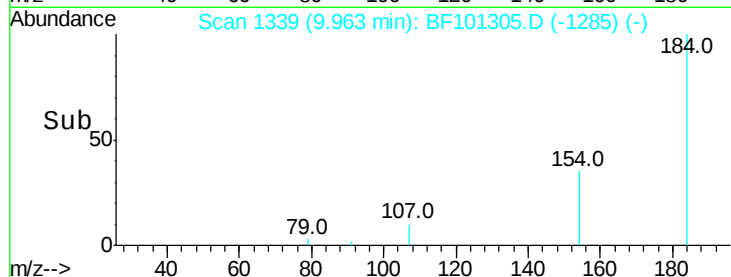
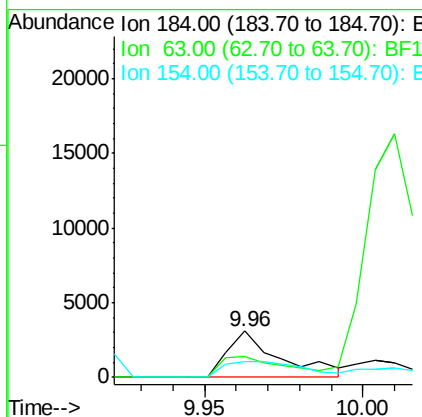
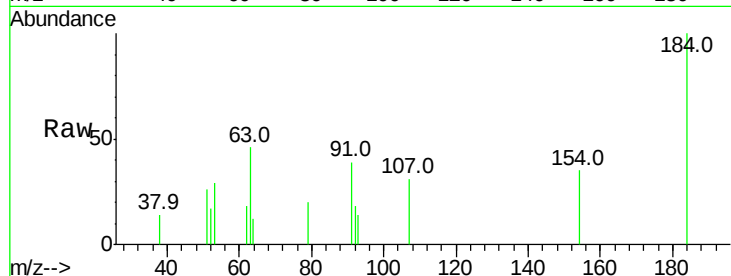




#53
 2,4-Dinitrophenol
 Concen: 9.515 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.02 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

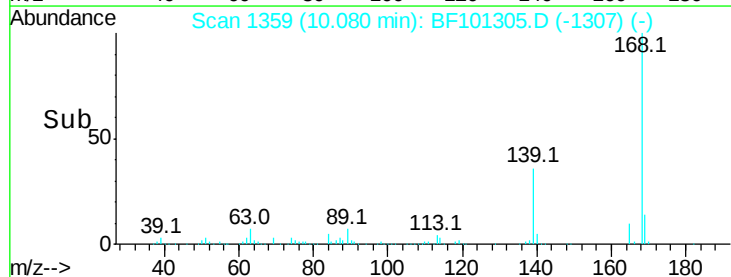
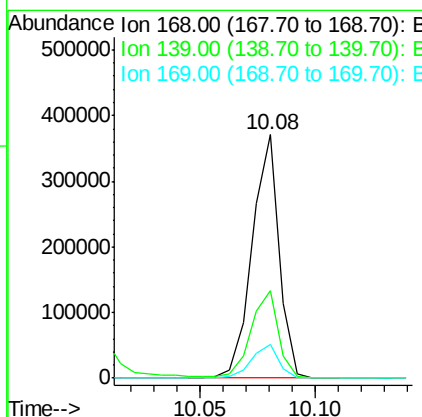
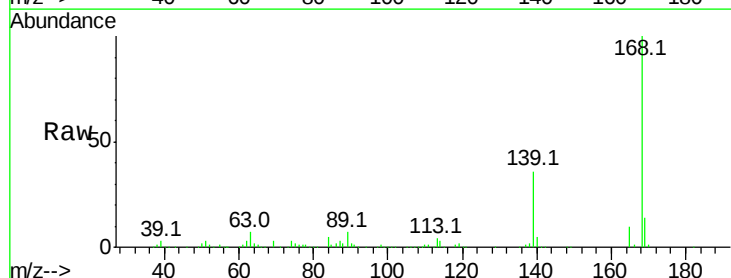
Instrument :
 BNA_F
 ClientSampleId :

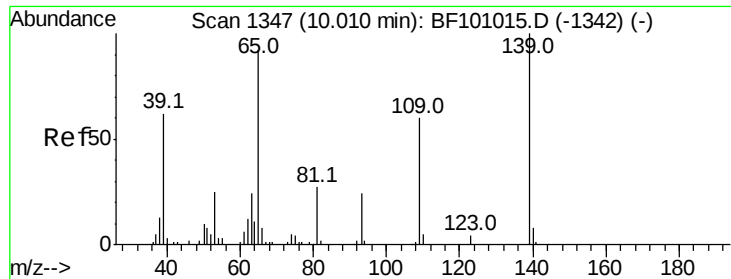
Tot Ion:184 Resp: 3517
 Ion Ratio Lower Upper
 184 100
 63 45.6 54.2 81.2#
 154 34.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.496 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion:168 Resp: 301603
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.1 45.1
 169 14.0 10.9 16.3

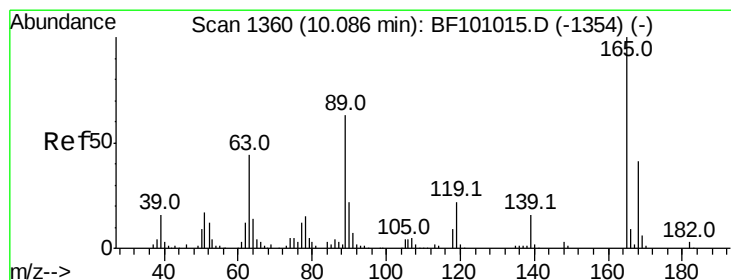
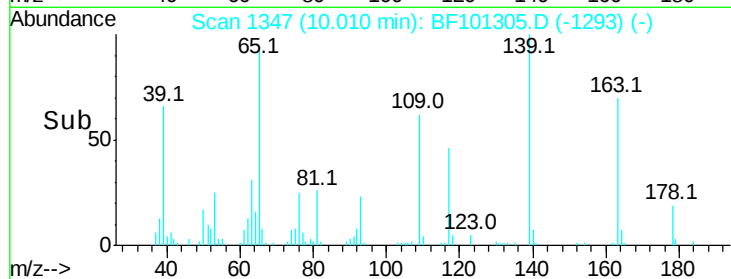
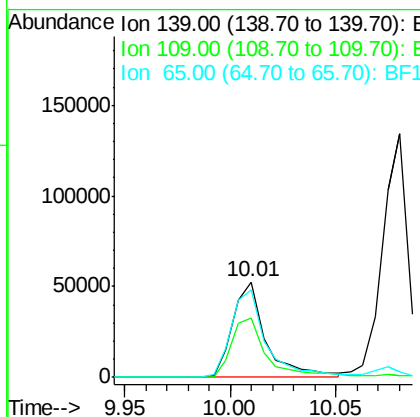
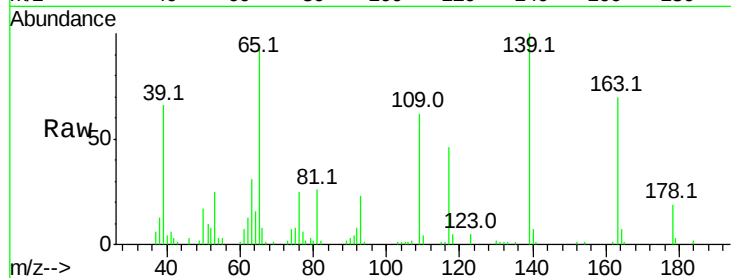




#55
4-Nitrophenol
Concen: 54.818 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

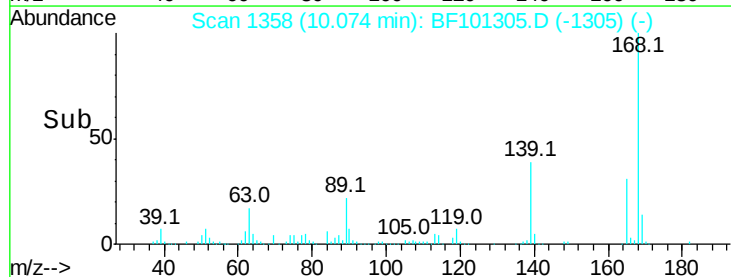
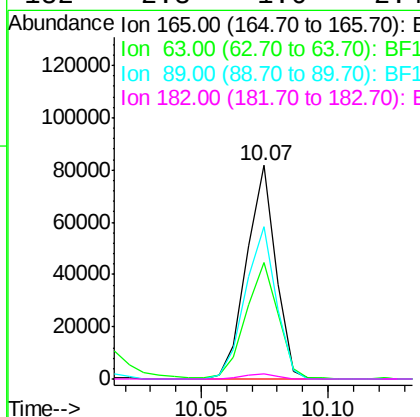
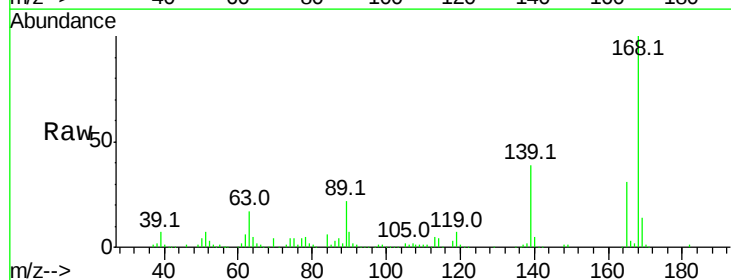
Instrument :
BNA_F
ClientSampleId :

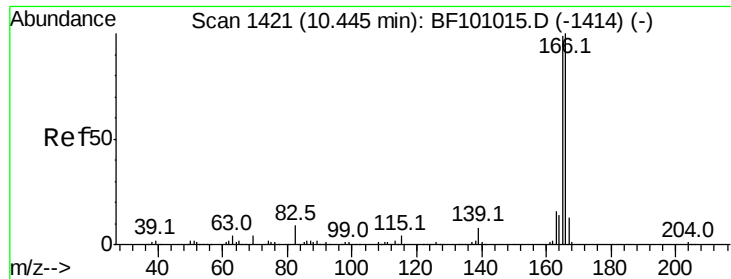
Tot Ion:139 Resp: 57000
Ion Ratio Lower Upper
139 100
109 61.8 48.4 88.4
65 92.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.812 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:165 Resp: 65803
Ion Ratio Lower Upper
165 100
63 54.4 36.4 54.6
89 71.4 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 38.772 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

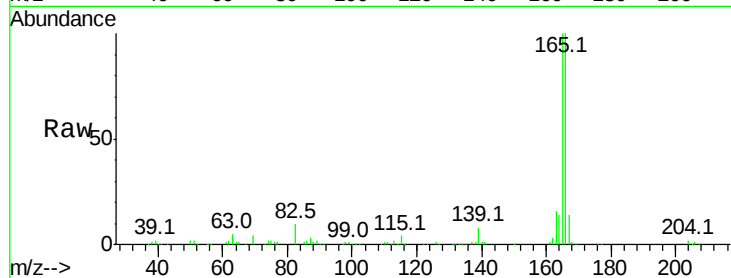
Tot Ion:166 Resp: 234739

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

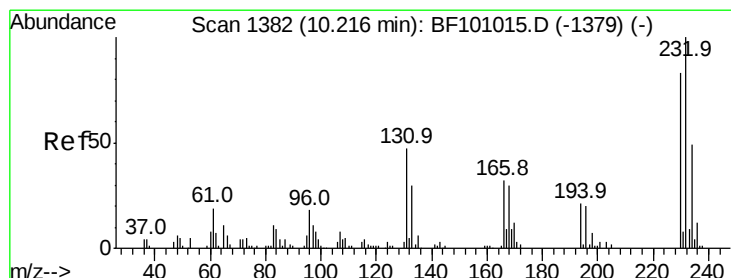
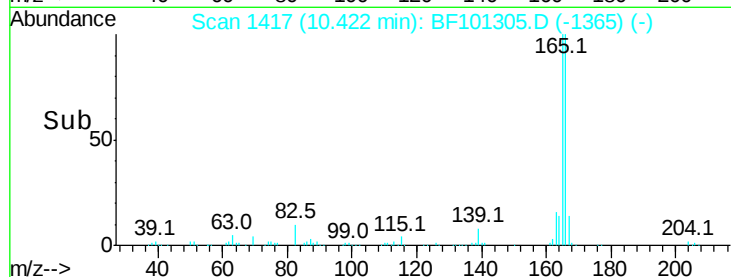
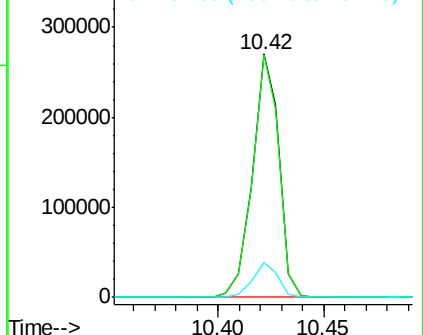
167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.919 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion:232 Resp: 52850

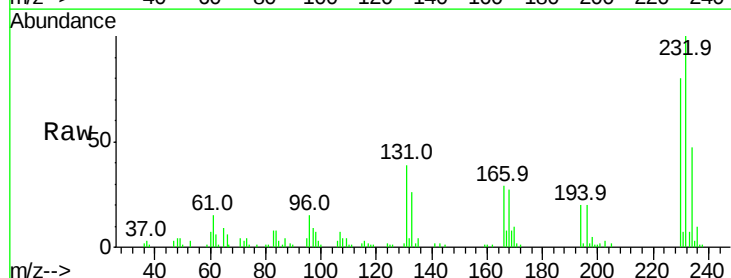
Ion Ratio Lower Upper

232 100

131 41.4 43.8 65.8#

130 2.0 2.1 3.1#

166 30.4 27.8 41.6

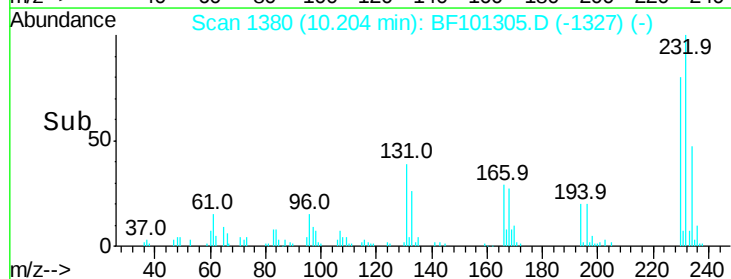
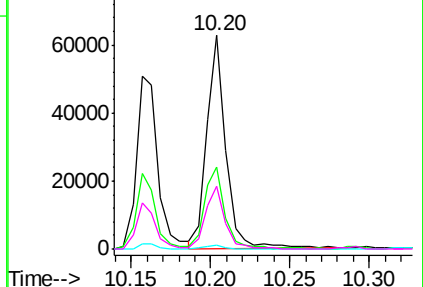


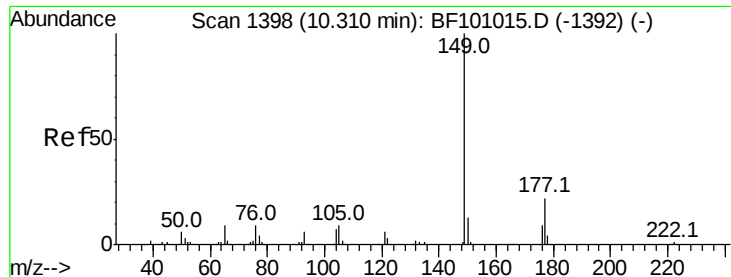
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

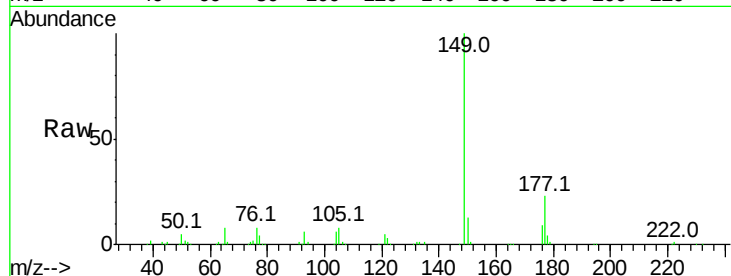




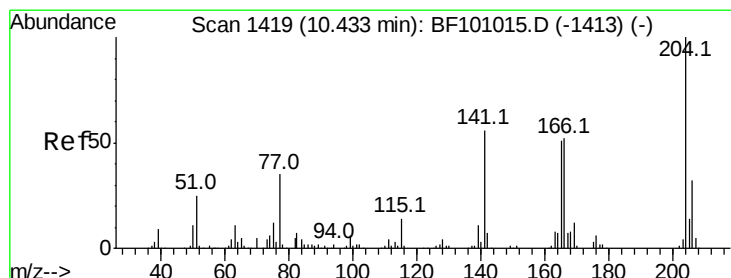
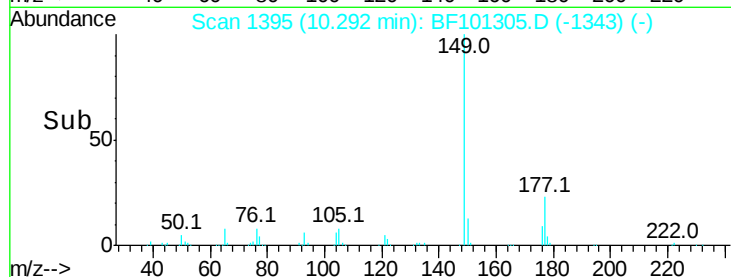
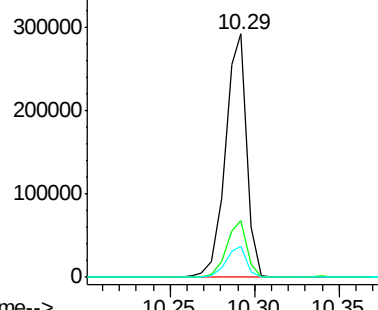
#59
Diethylphthalate
Concen: 40.226 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 258272
Ion Ratio Lower Upper
149 100
177 23.4 16.1 24.1
150 12.7 10.1 15.1

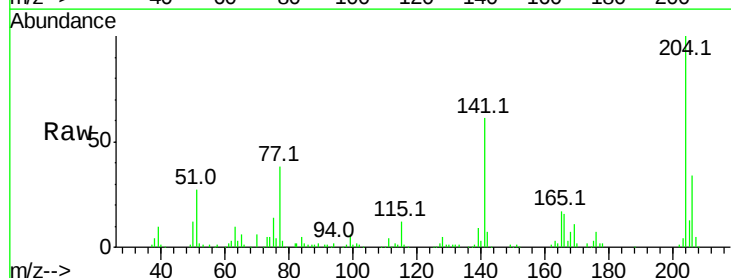


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

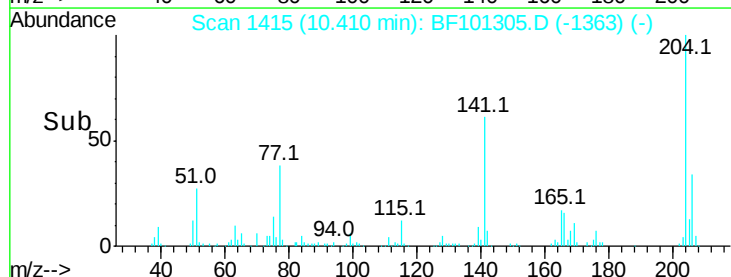
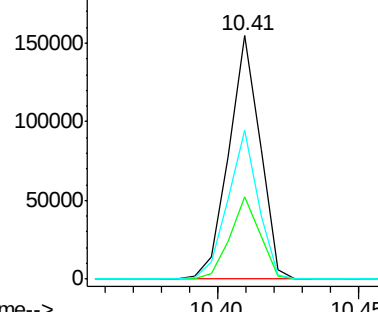


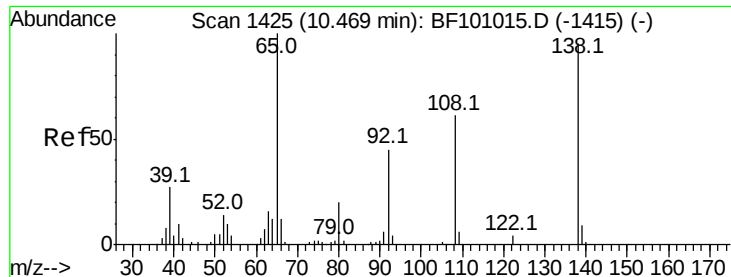
#60
4-Chlorophenyl-phenylether
Concen: 39.798 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:204 Resp: 118967
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 61.3 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: 33.930 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

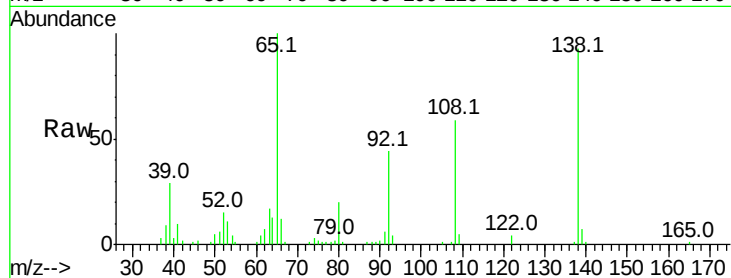
Instrument :

BNA_F

ClientSampleId :

Tot Ion:138 Resp: 54305

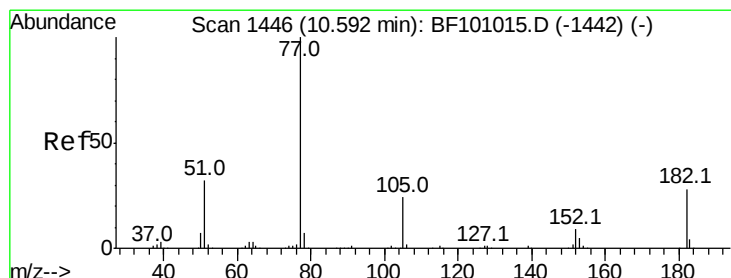
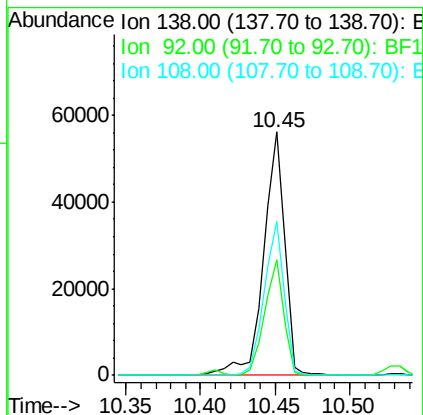
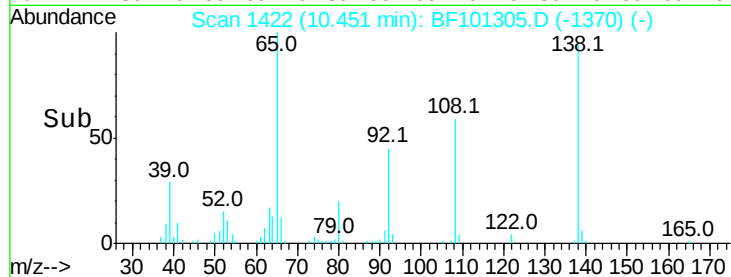
Ion	Ratio	Lower	Upper
138	100		
92	47.4	30.2	70.2
108	63.1	52.5	92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.284 ng

RT: 10.57 min Scan# 1442

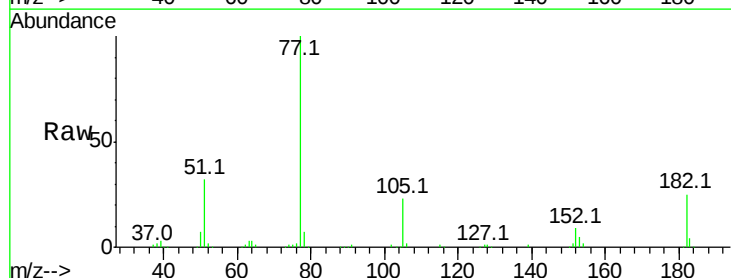
Delta R.T. -0.00 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Tgt Ion: 77 Resp: 214052

Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.7	41.7
105	23.5	3.0	43.0
51	32.2	9.9	49.9

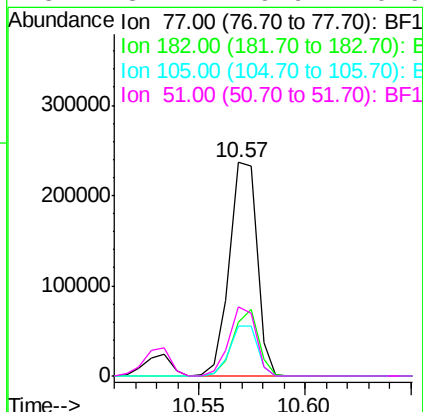
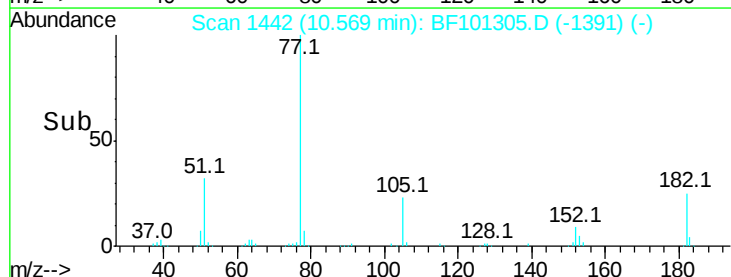


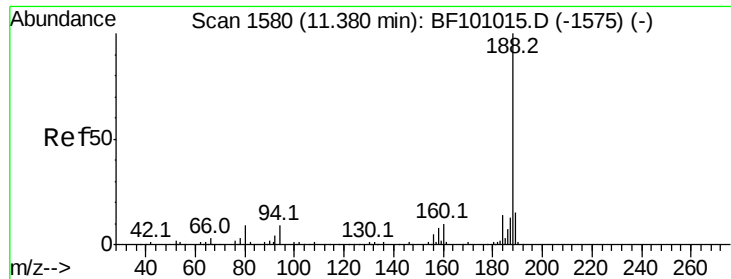
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

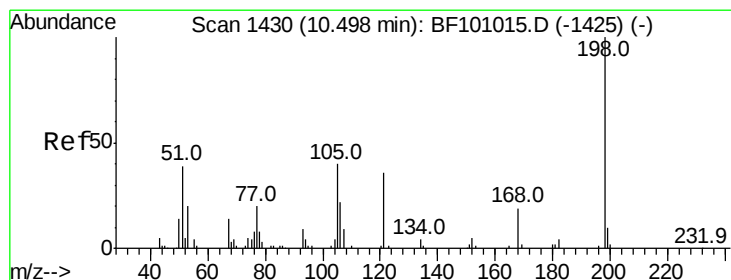
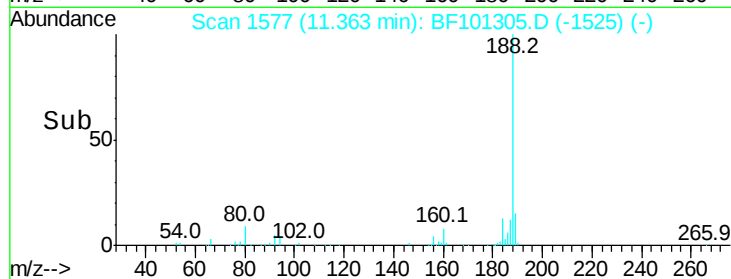
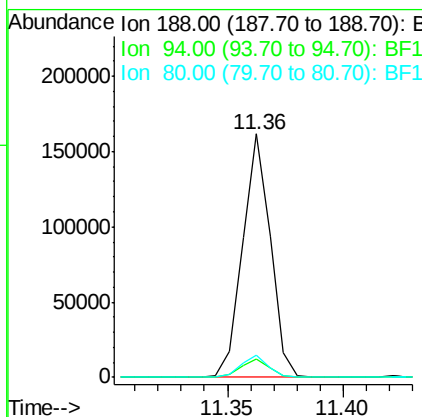
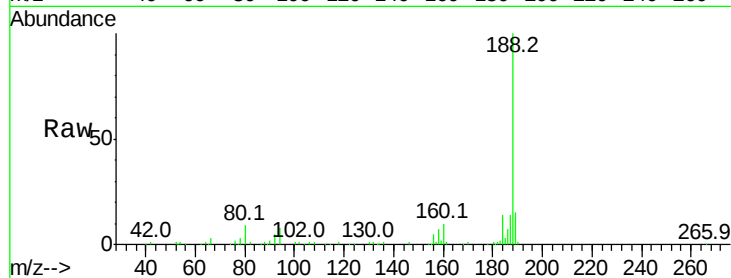




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

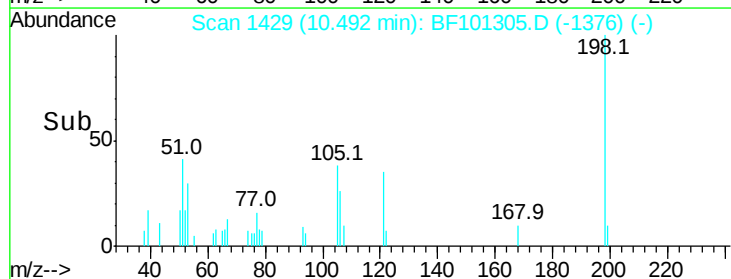
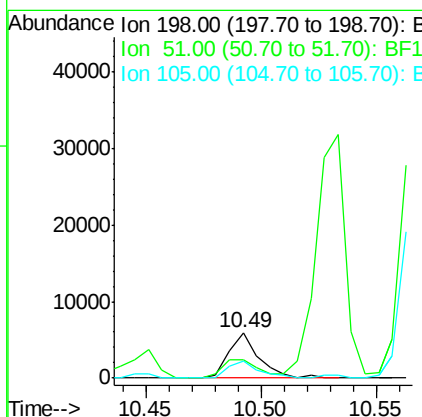
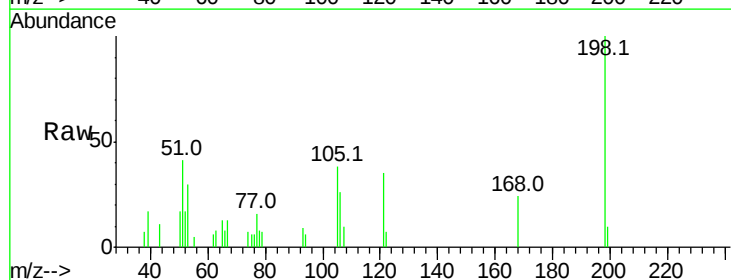
Instrument :
 BNA_F
 ClientSampleId :

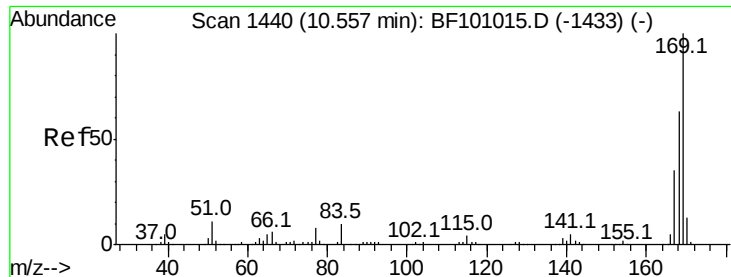
Tot Ion:188 Resp: 136012
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 9.2 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.790 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion:198 Resp: 5282
 Ion Ratio Lower Upper
 198 100
 51 41.5 37.7 77.7
 105 37.7 36.3 76.3

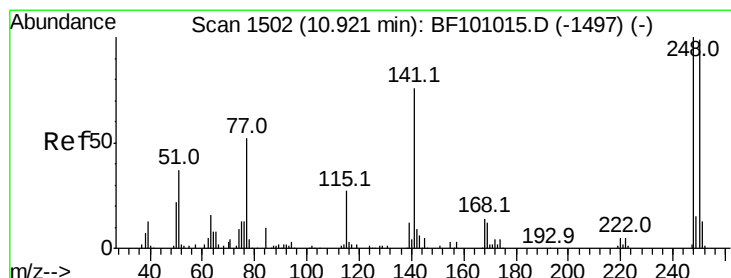
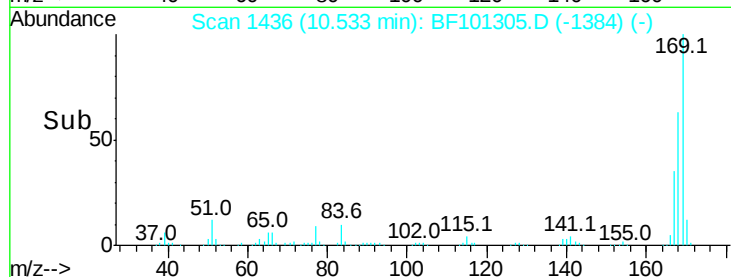
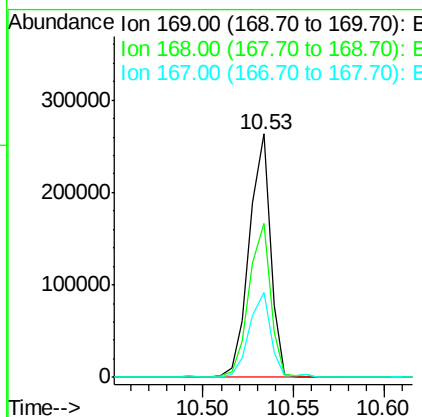
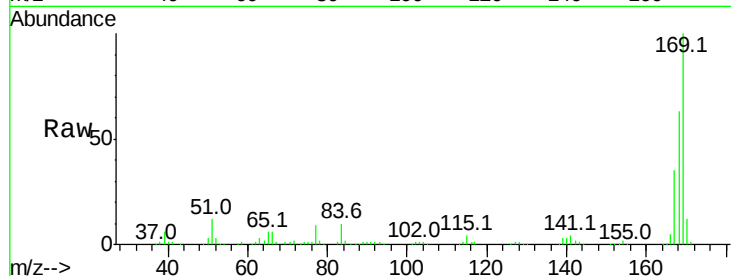




#65
 n-Nitrosodiphenylamine
 Concen: 44.864 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

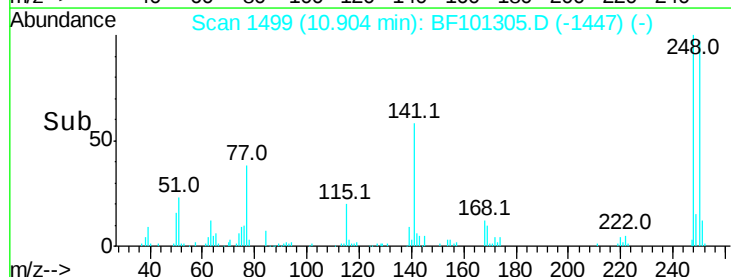
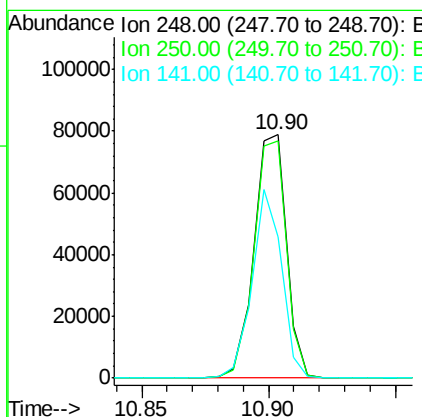
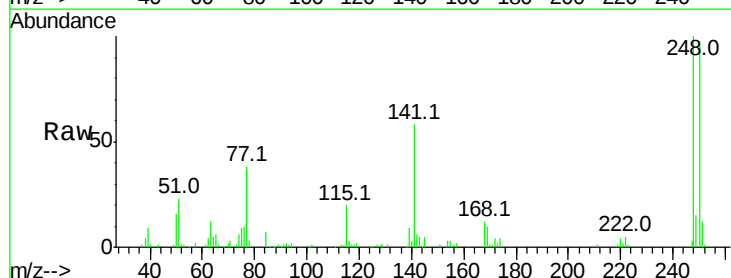
Instrument :
 BNA_F
 ClientSampleId :

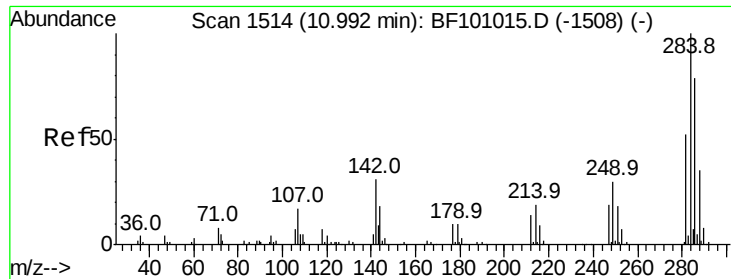
Tot Ion:169 Resp: 215273
 Ion Ratio Lower Upper
 169 100
 168 63.2 54.4 81.6
 167 35.0 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.530 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion:248 Resp: 70839
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 57.8 74.4 111.6#





#67

Hexachlorobenzene

Concen: 42.294 ng

RT: 10.97 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

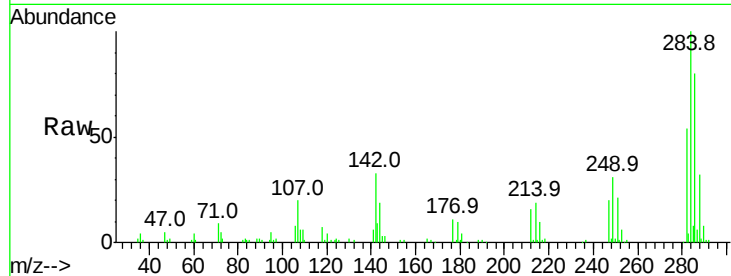
Tot Ion:284 Resp: 69009

Ion Ratio Lower Upper

284 100

142 32.8 34.6 52.0#

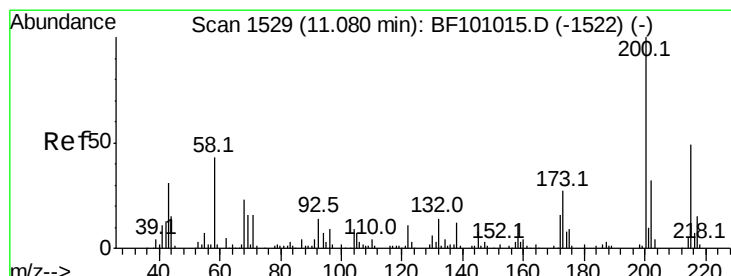
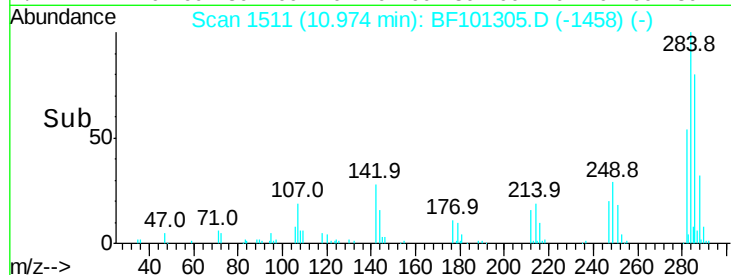
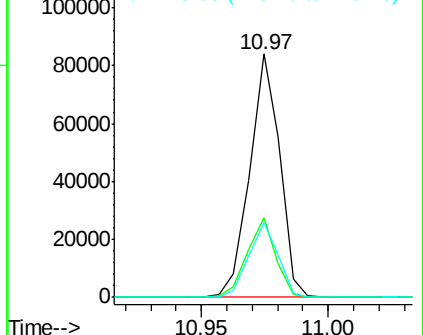
249 30.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.161 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

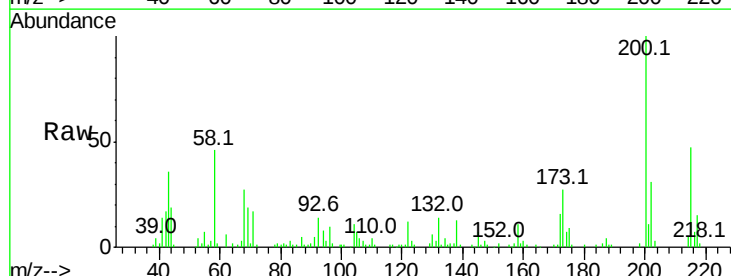
Tgt Ion:200 Resp: 69415

Ion Ratio Lower Upper

200 100

173 26.8 8.6 48.6

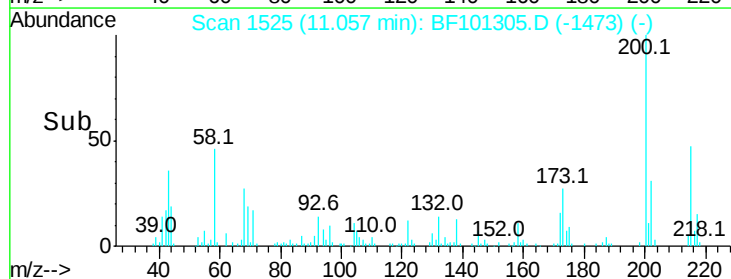
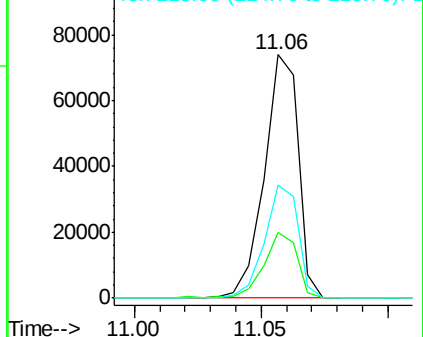
215 46.6 25.1 65.1

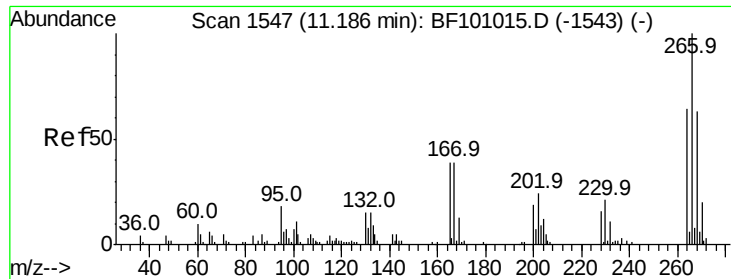


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

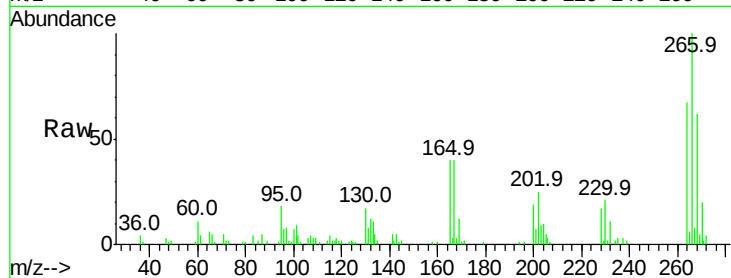




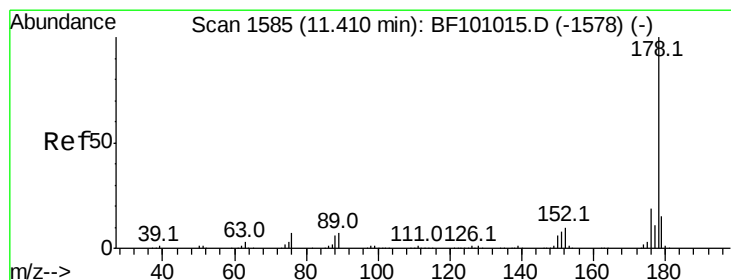
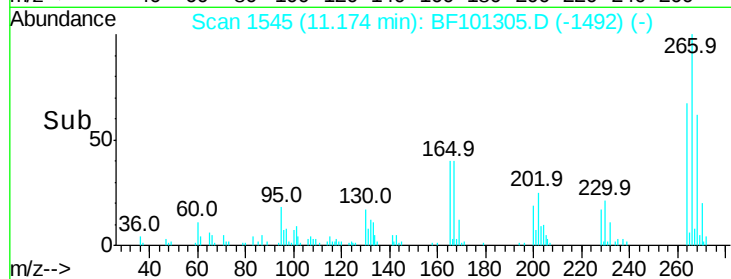
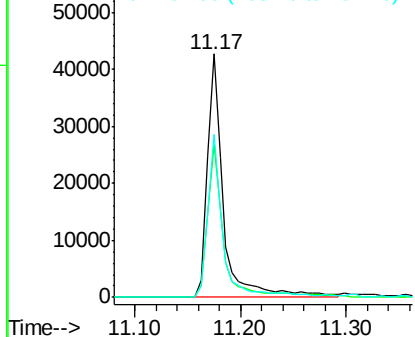
#69
 Pentachlorophenol
 Concen: 50.434 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 45247
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 66.9 49.5 74.3

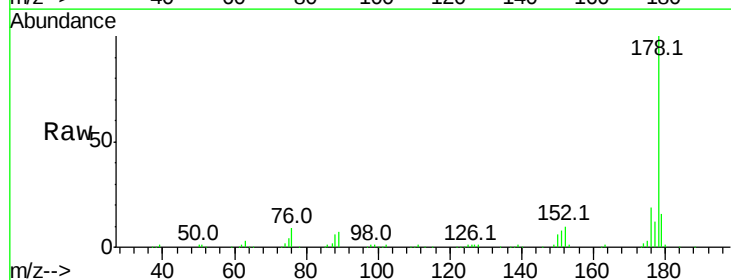


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

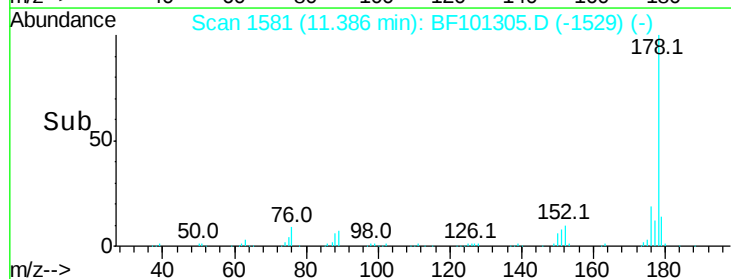
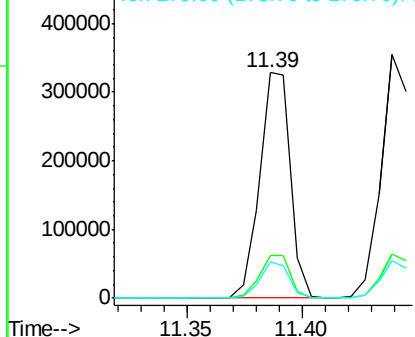


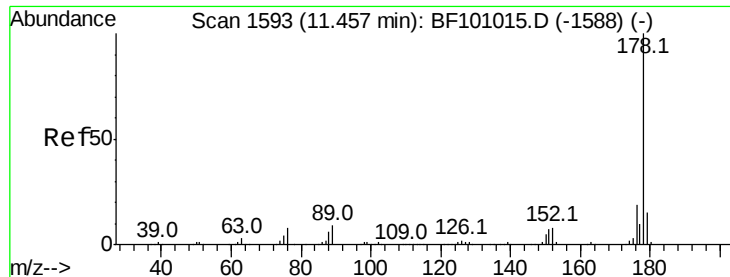
#70
 Phenanthrene
 Concen: 40.699 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion:178 Resp: 304844
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 16.2 13.0 19.6



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

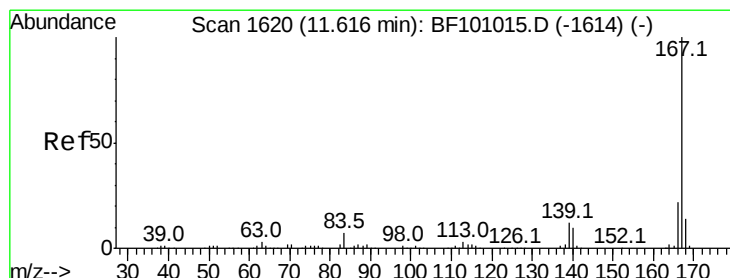
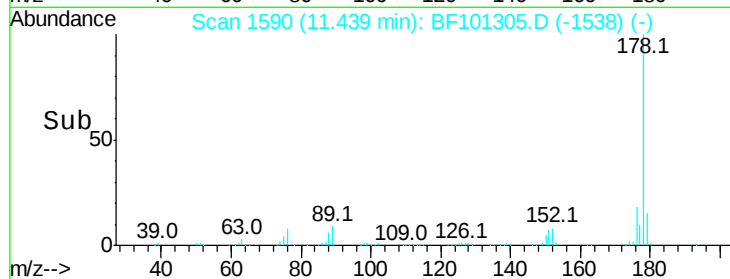
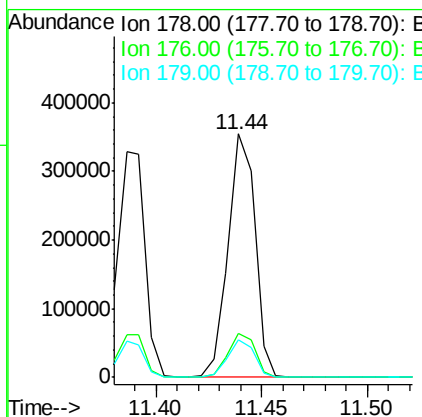
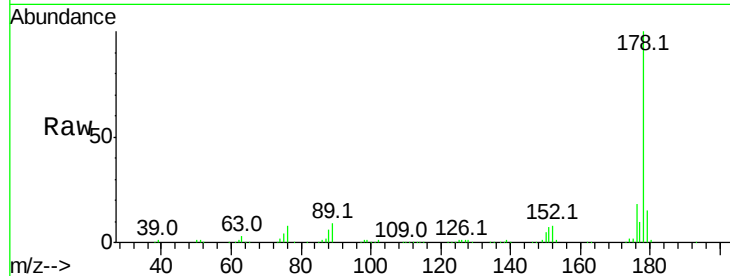




#71
 Anthracene
 Concen: 41.228 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

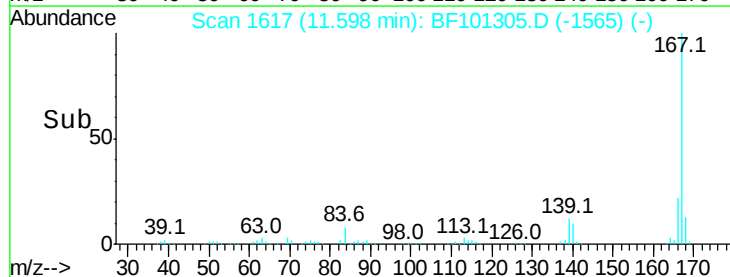
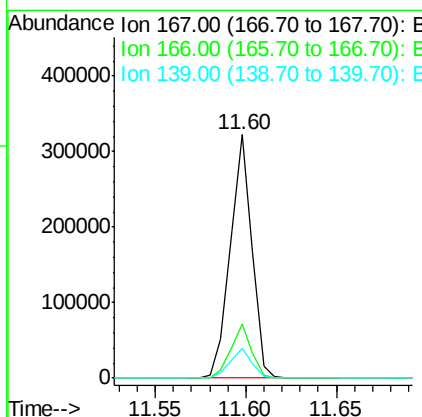
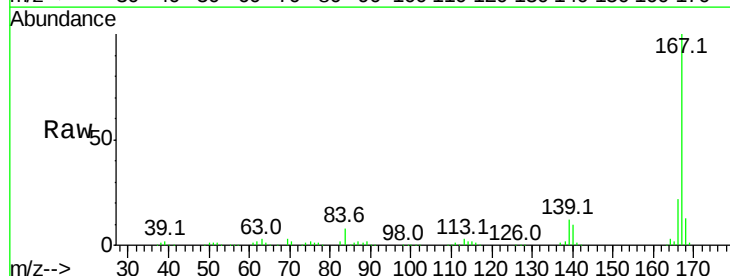
Instrument :
 BNA_F
 ClientSampleId :

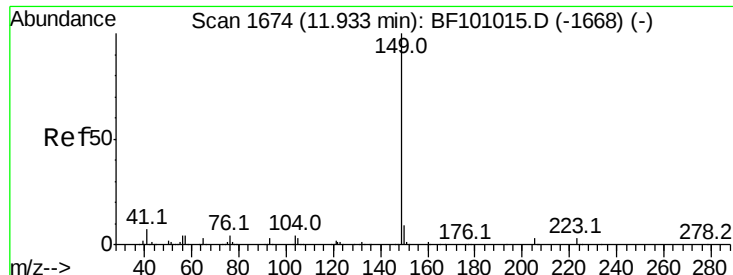
Tot Ion:178 Resp: 312533
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 38.817 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion:167 Resp: 268859
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.2 10.9 16.3

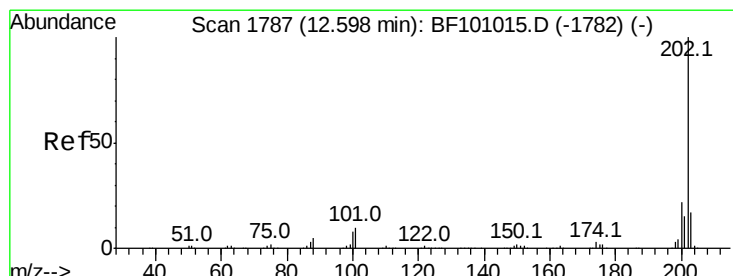
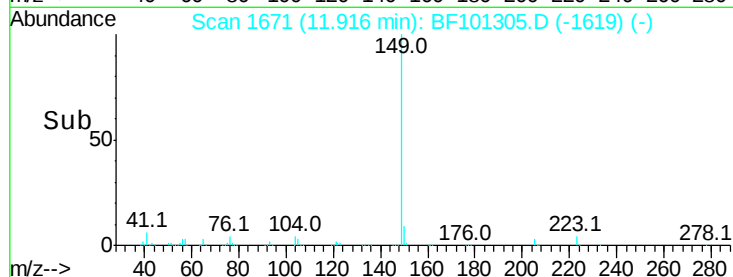
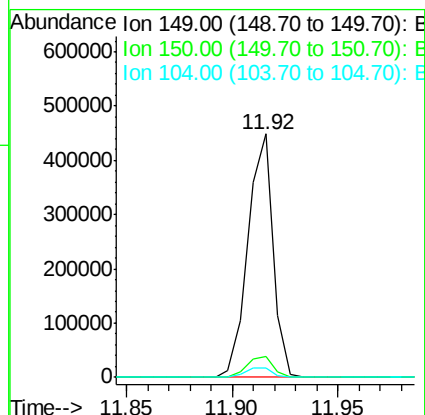
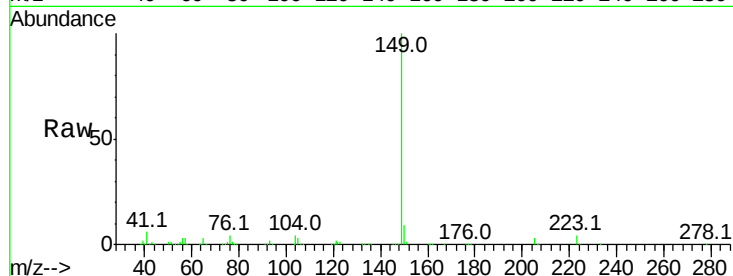




#73
Di-n-butylphthalate
Concen: 42.479 ng
RT: 11.92 min Scan# 1671
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

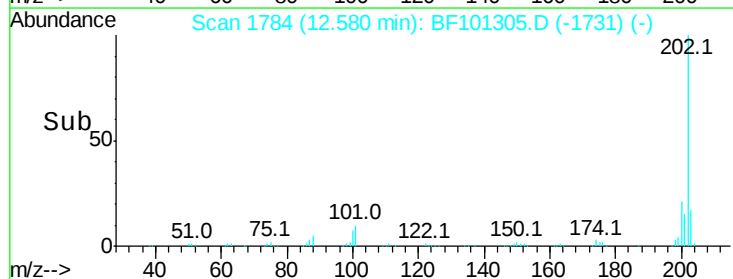
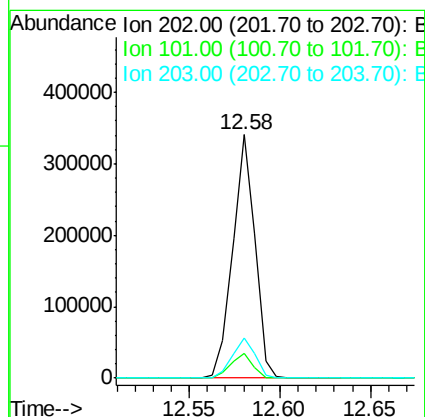
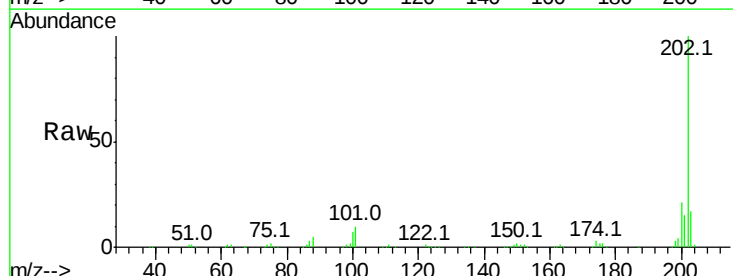
Instrument :
BNA_F
ClientSampleId :

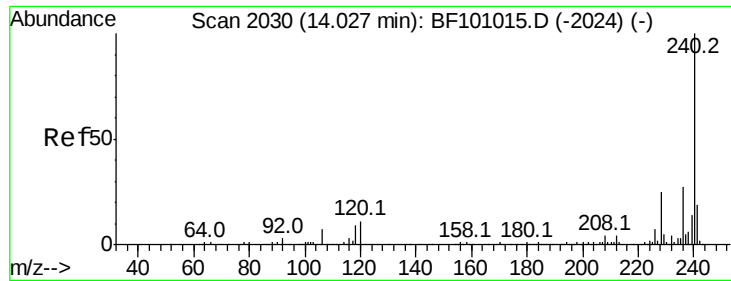
Tot Ion:149 Resp: 368774
Ion Ratio Lower Upper
149 100
150 8.8 7.8 11.6
104 3.9 3.8 5.8



#74
Fluoranthene
Concen: 35.123 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:202 Resp: 291611
Ion Ratio Lower Upper
202 100
101 10.3 0.0 34.1
203 16.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

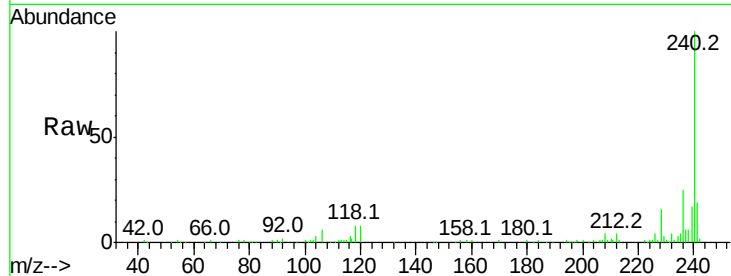
Tot Ion:240 Resp: 99505

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

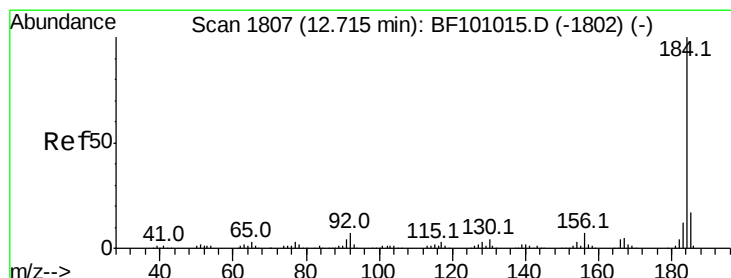
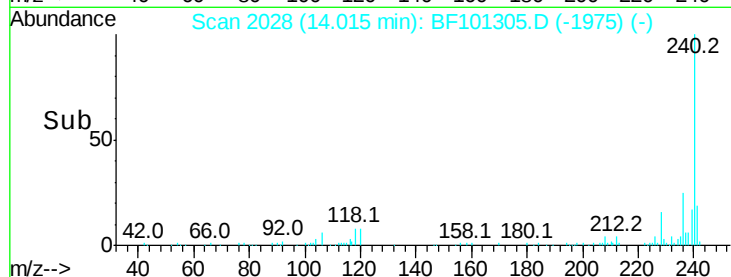
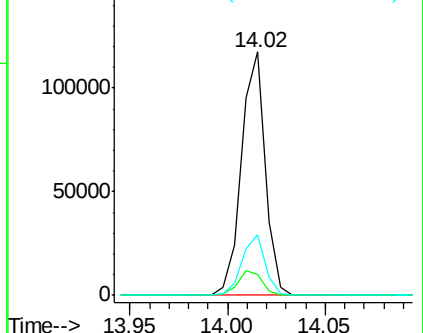
236 24.6 20.7 31.1



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: 47.423 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

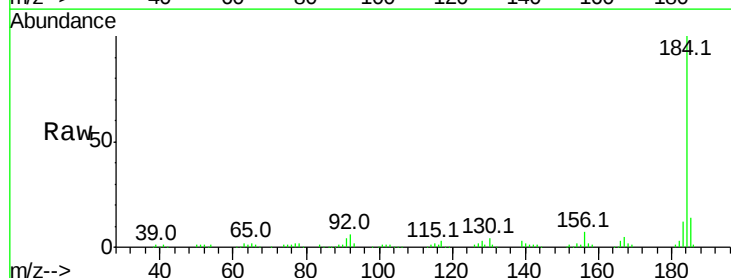
Tgt Ion:184 Resp: 153447

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

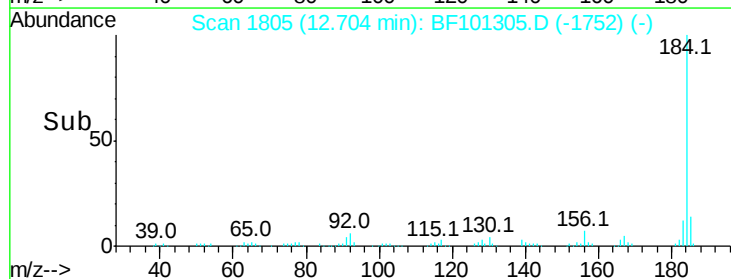
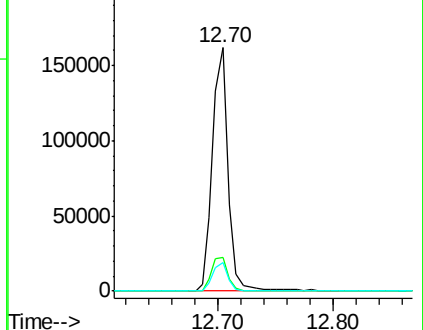
183 11.5 9.3 13.9

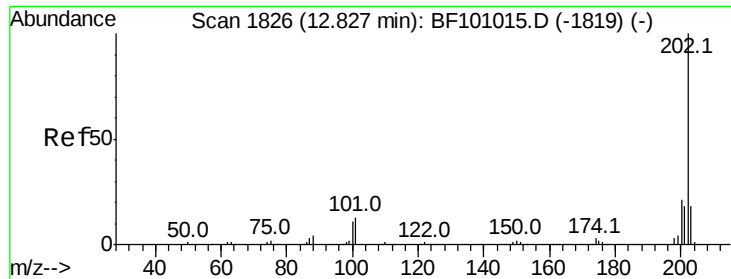


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

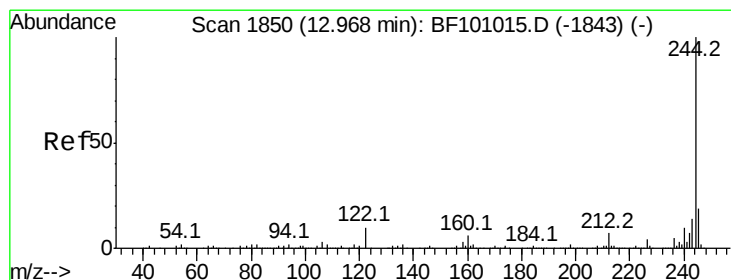
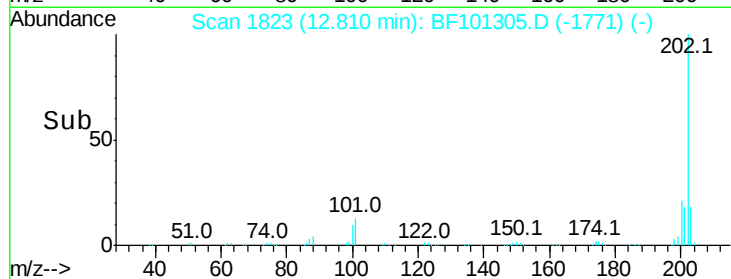
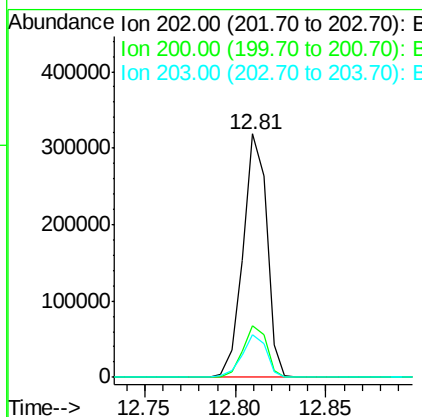
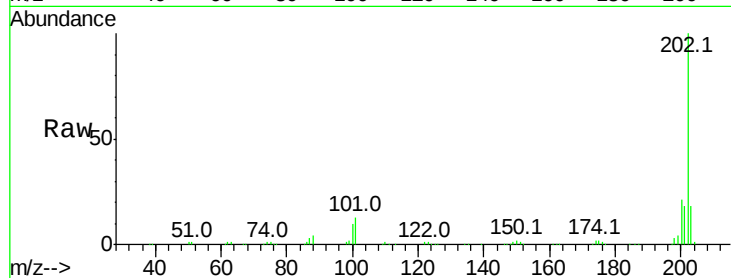




#77
 Pvrene
 Concen: 42.338 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

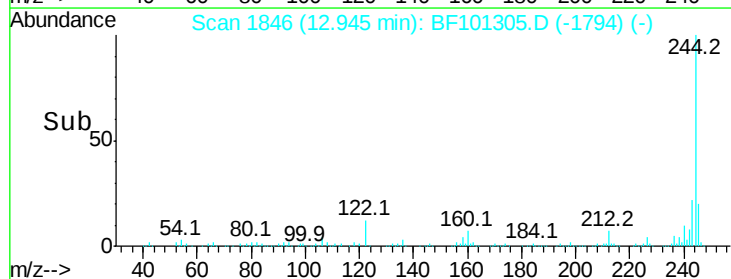
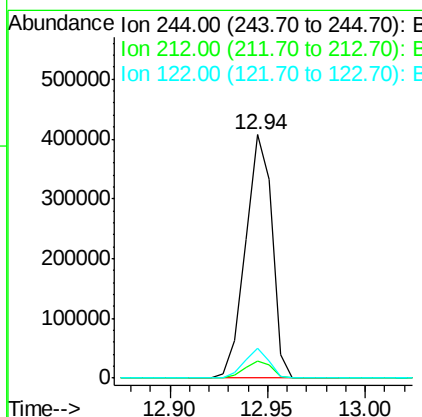
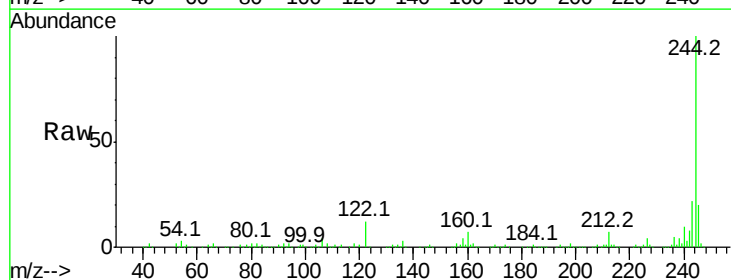
Instrument :
 BNA_F
 ClientSampleId :

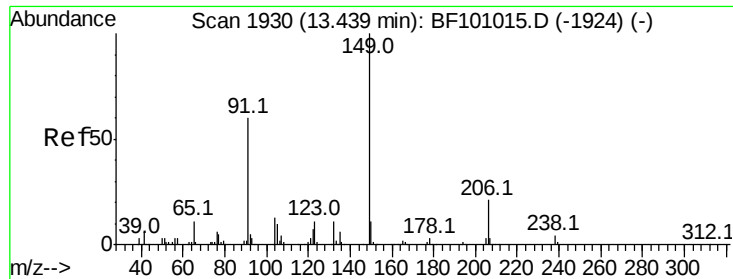
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5



#78
 Terphenyl-d14
 Concen: 84.216 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.0	11.0	16.4

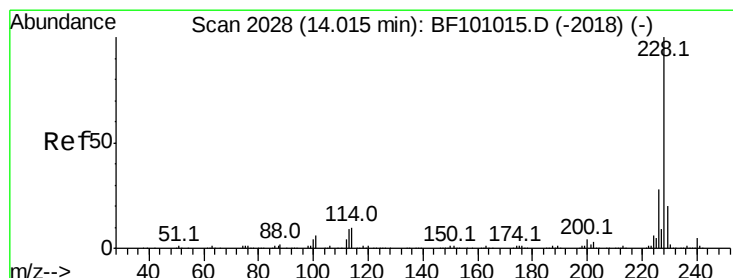
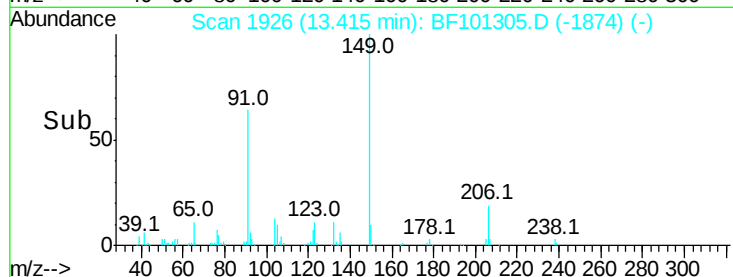
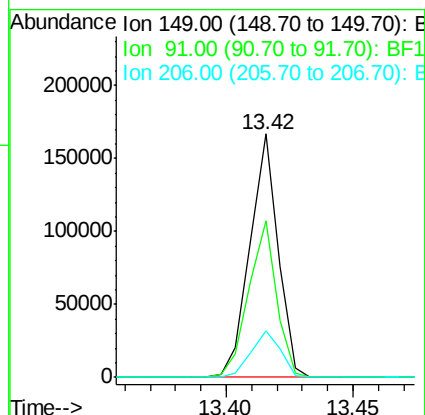
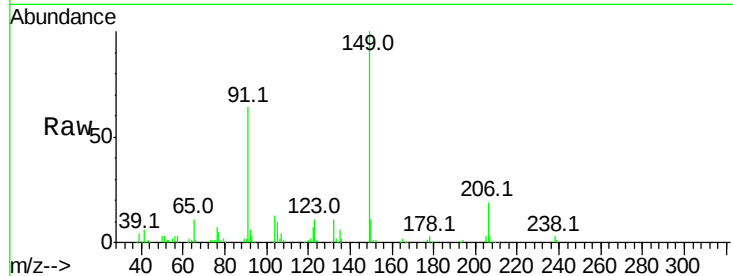




#79
Butylbenzylphthalate
Concen: 42.629 ng
RT: 13.42 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

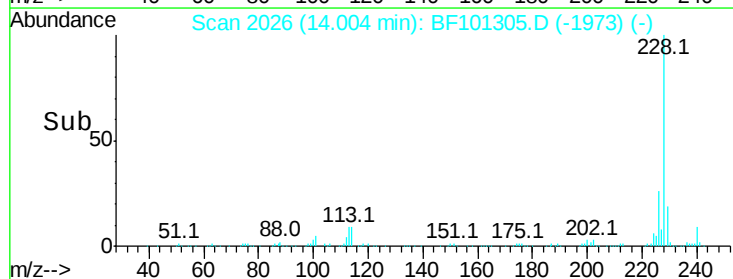
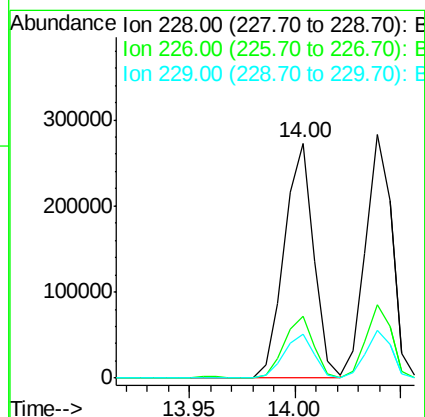
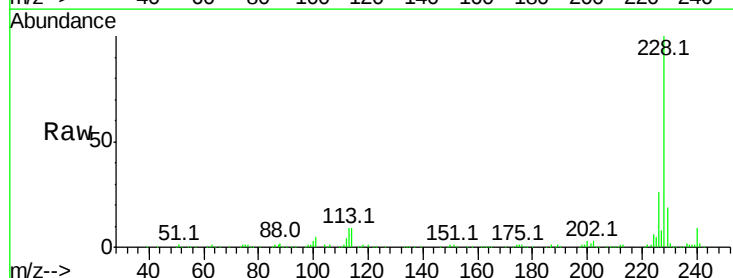
Instrument :
BNA_F
ClientSampleId :

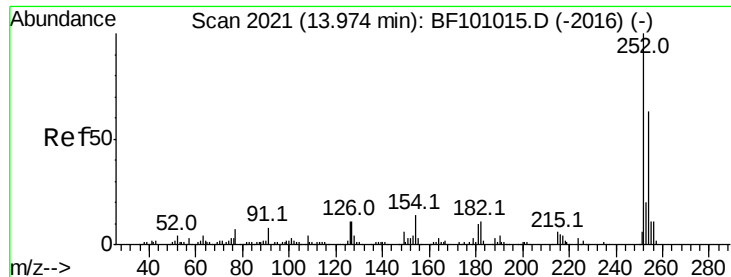
Tot Ion:149 Resp: 129048
Ion Ratio Lower Upper
149 100
91 64.4 56.8 85.2
206 19.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.147 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:228 Resp: 264791
Ion Ratio Lower Upper
228 100
226 26.4 22.6 33.8
229 18.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.770 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

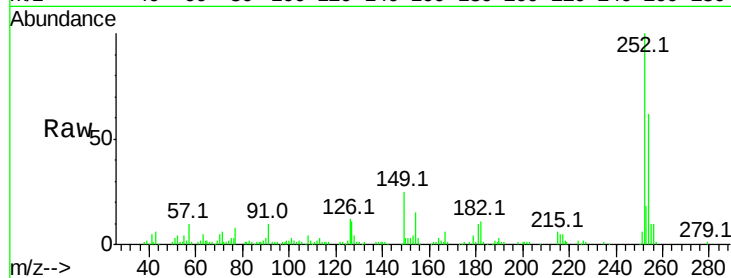
Tot Ion:252 Resp: 86532

Ion Ratio Lower Upper

252 100

254 61.6 50.4 75.6

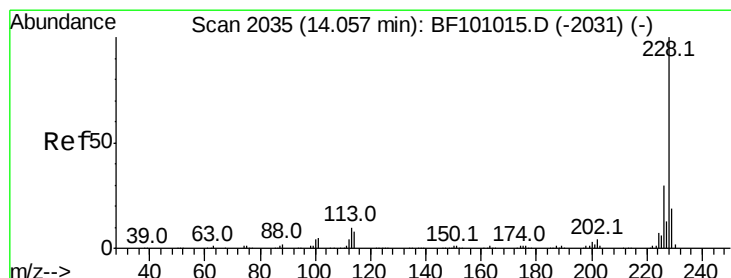
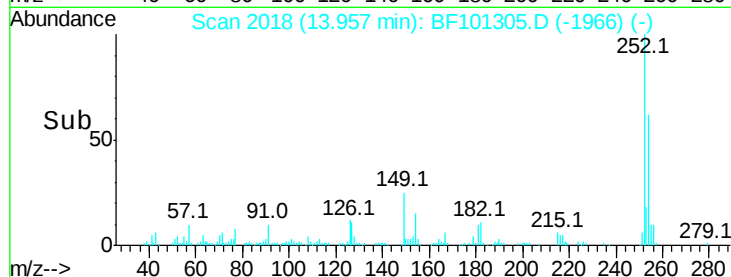
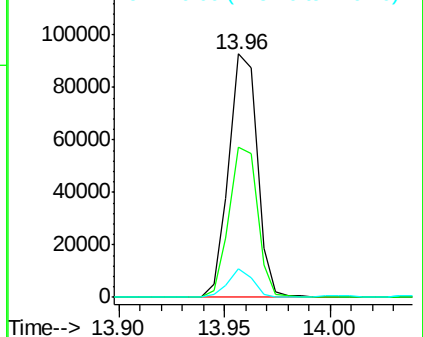
126 11.7 11.3 16.9



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: 42.309 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

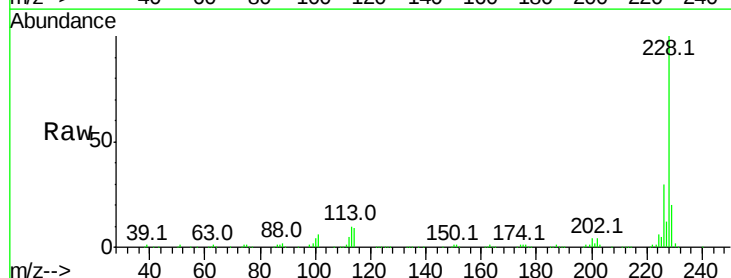
Tgt Ion:228 Resp: 246861

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

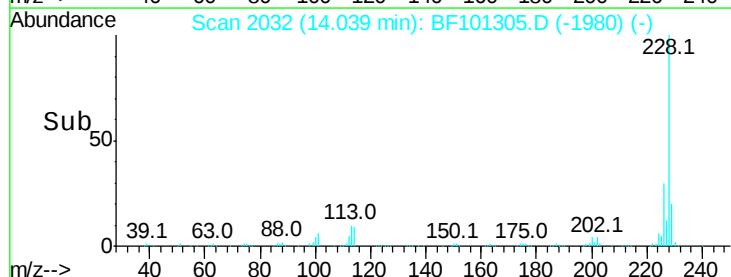
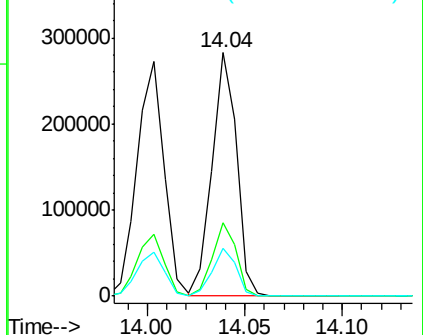
229 19.7 16.2 24.4

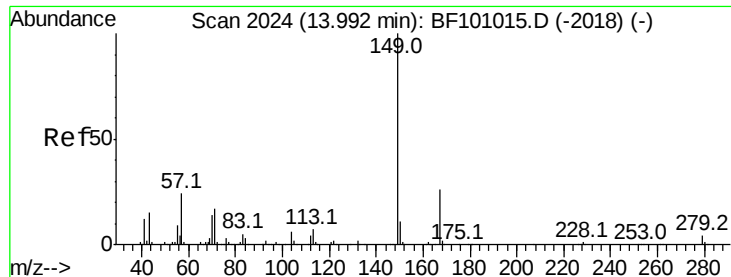


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

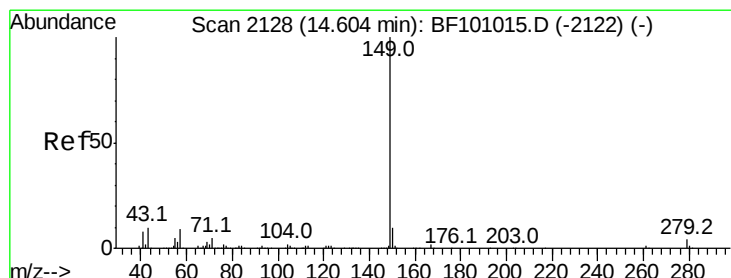
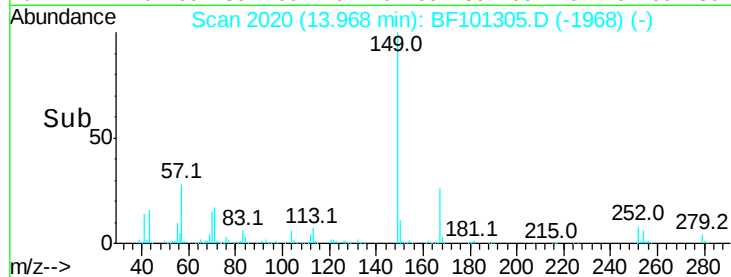
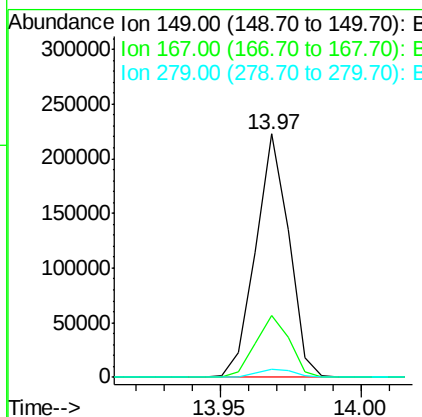
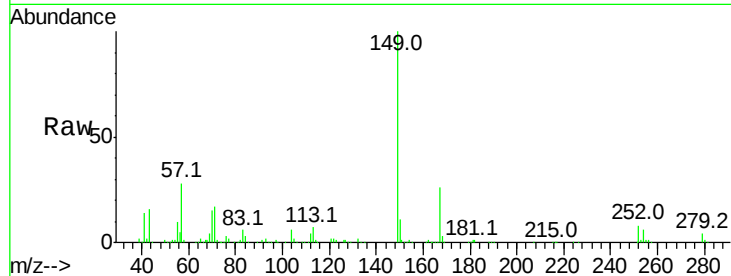




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.196 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

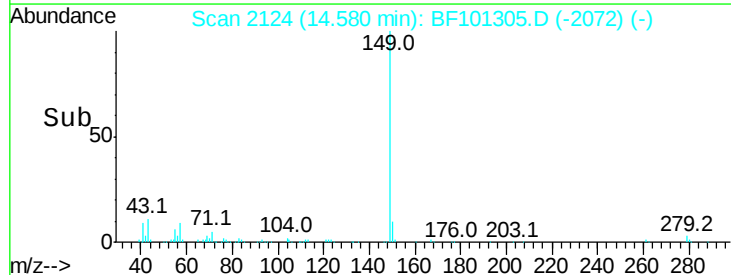
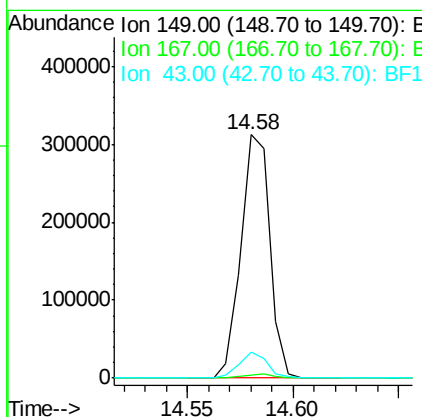
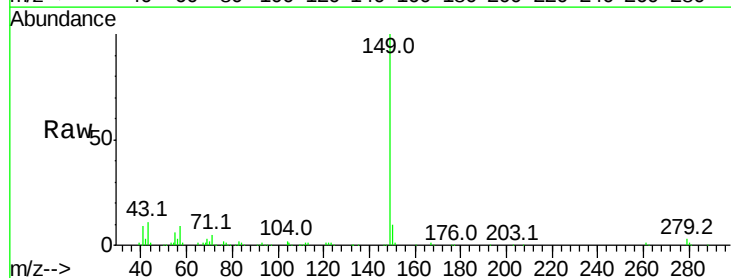
Instrument :
 BNA_F
 ClientSampleId :

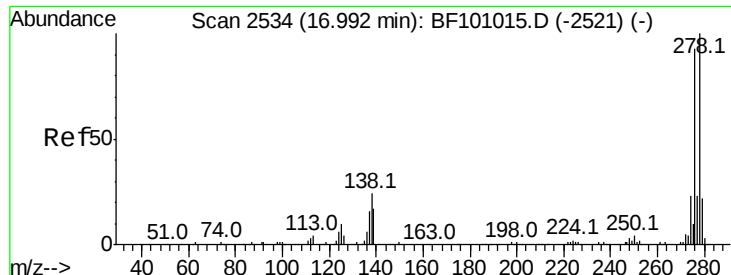
Tot Ion:149 Resp: 182132
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 41.198 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion:149 Resp: 296077
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.4 12.6

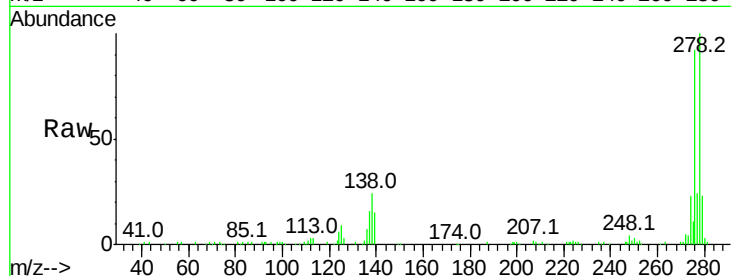




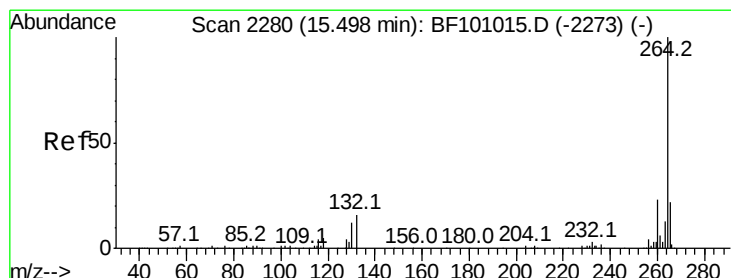
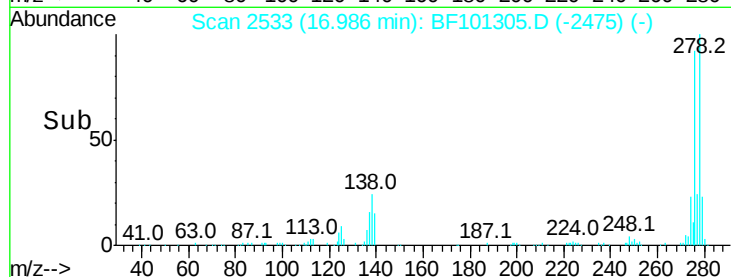
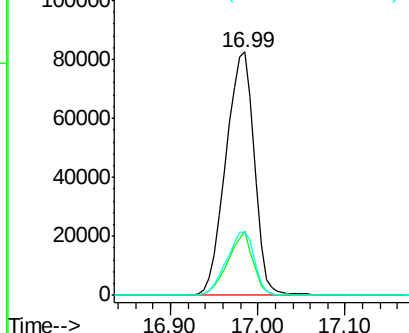
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.407 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.04 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.0	37.6#
277	25.2	20.1	30.1

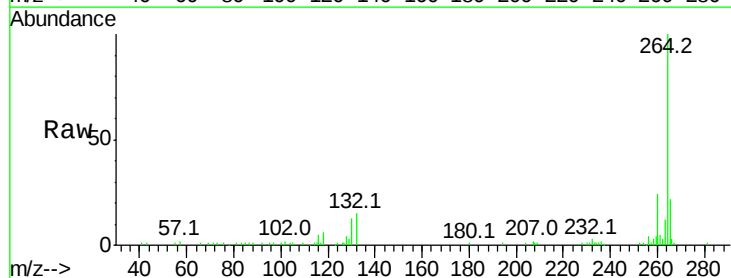


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

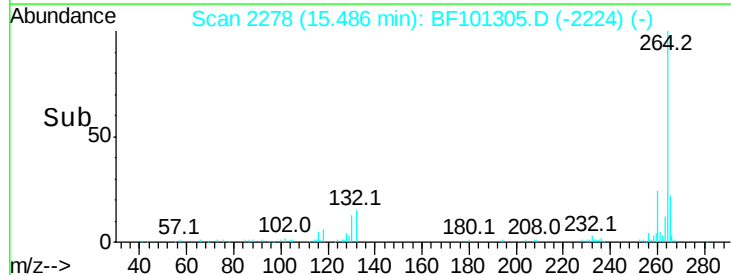
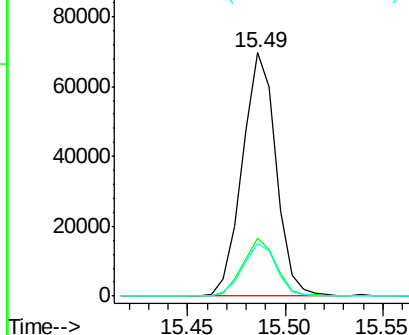


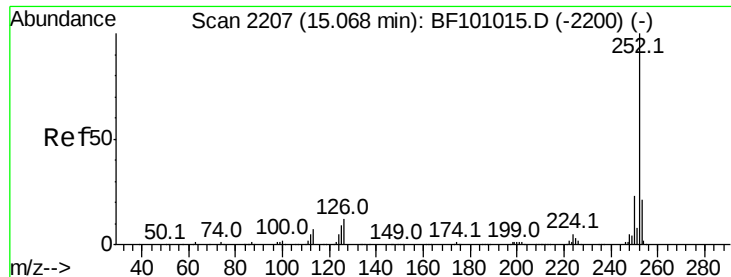
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	17.5	26.3



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

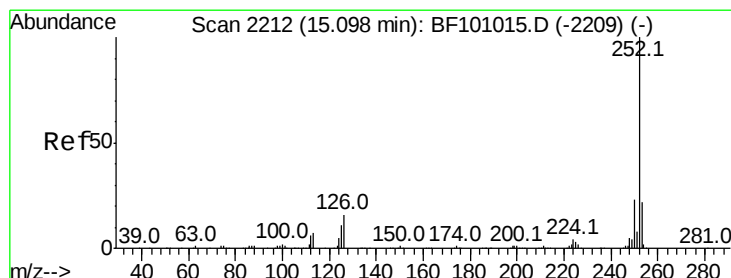
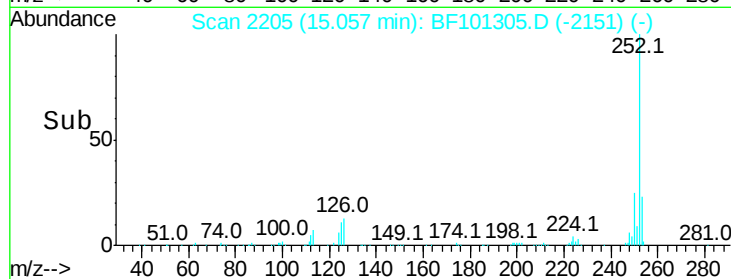
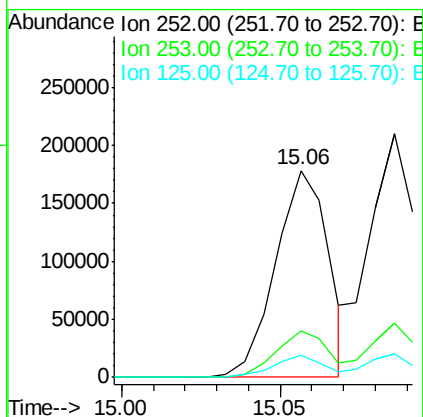
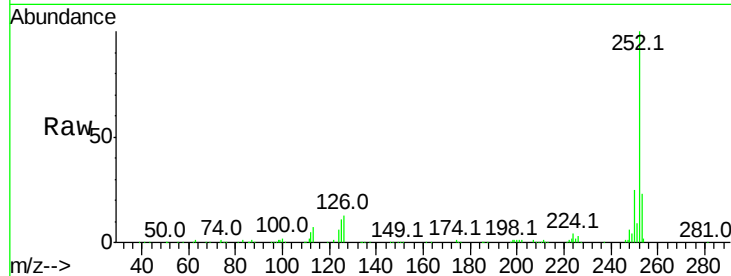




#87
Benzo(b)fluoranthene
Concen: 41.497 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

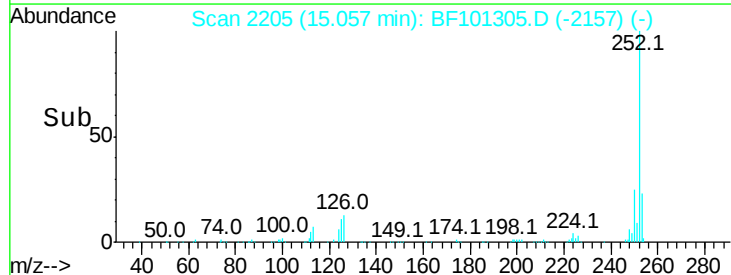
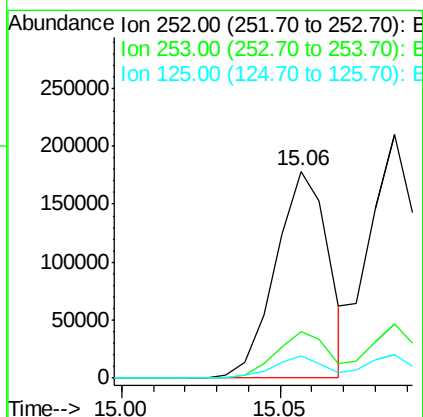
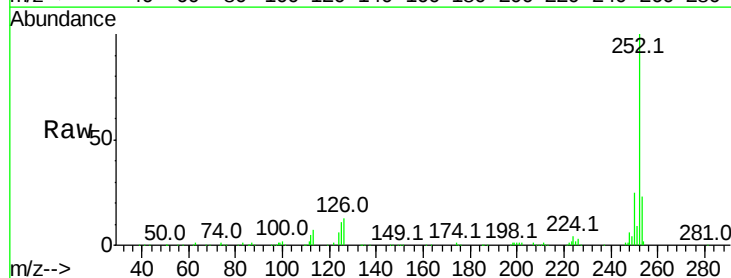
Instrument :
BNA_F
ClientSampleId :

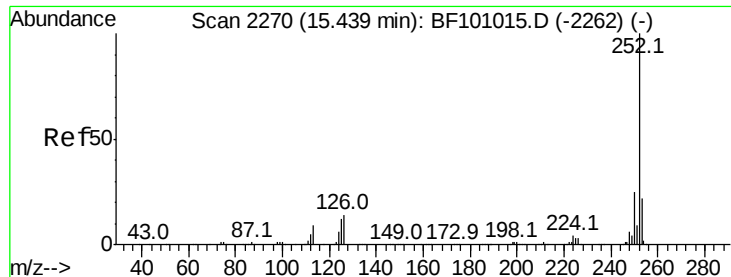
Tot Ion:252 Resp: 207422
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.120 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101305.D
Acq: 11 Dec 2017 23:37

Tgt Ion:252 Resp: 207422
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 43.205 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.02 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

Instrument :

BNA_F

ClientSampleId :

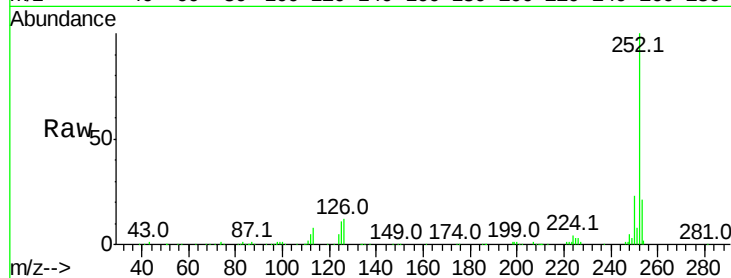
Tot Ion:252 Resp: 196333

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

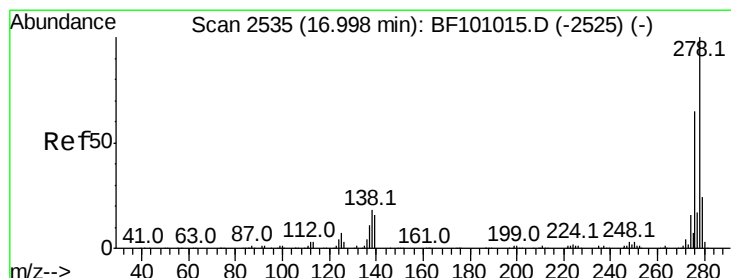
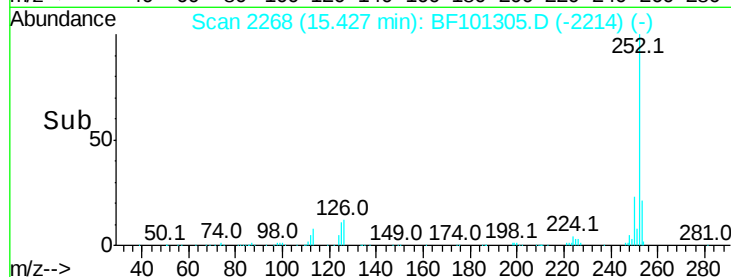
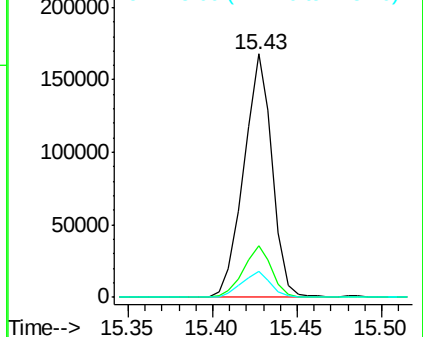
125 10.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.865 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.03 min

Lab File: BF101305.D

Acq: 11 Dec 2017 23:37

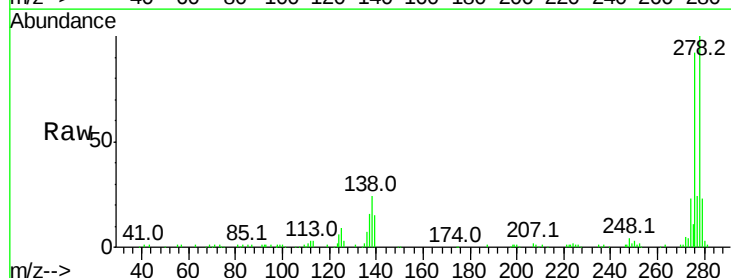
Tgt Ion:278 Resp: 155698

Ion Ratio Lower Upper

278 100

139 15.3 15.9 23.9#

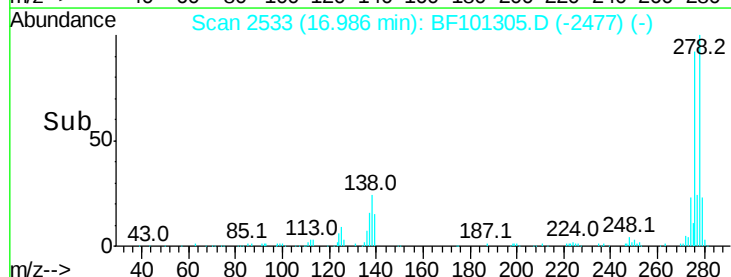
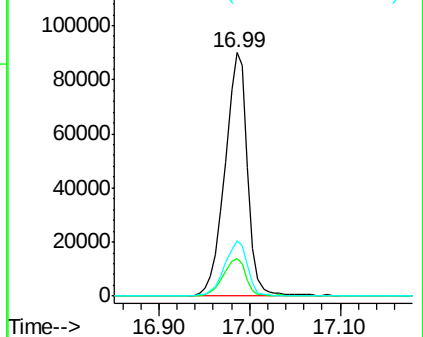
279 22.9 19.0 28.4

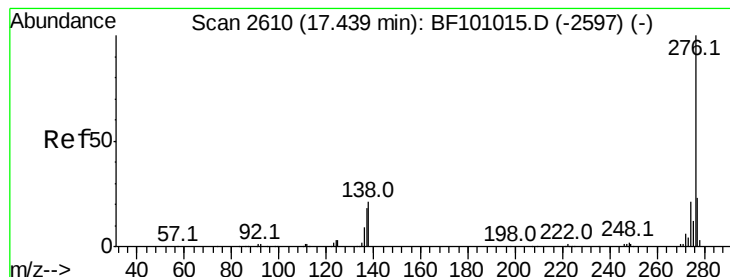


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.811 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.04 min
 Lab File: BF101305.D
 Acq: 11 Dec 2017 23:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	18.7	21.8	32.8

