

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
 Data File : BF100627.D
 Acq On : 16 Nov 2017 13:43
 Operator : SJ/JU
 Sample : I6302-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Quant Time: Nov 16 15:00:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117483	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	469003	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	218245	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	425943	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	288286	20.00	ng	-0.02
86) Perylene-d12	15.51	264	236172	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	787047	107.39	ng	0.00
7) Phenol-d6	6.52	99	888318	98.29	ng	0.00
23) Nitrobenzene-d5	7.45	82	684172	96.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	296080	133.13	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1269743	88.59	ng	-0.02
78) Terphenyl-d14	12.99	244	1210785	96.50	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	112394	31.468	ng	95
3) Pyridine	3.55	79	260096	26.692	ng	96
4) n-Nitrosodimethylamine	3.50	42	153070	32.354	ng	98
6) Aniline	6.55	93	266248	20.853	ng	99
8) 2-Chlorophenol	6.67	128	314924	40.618	ng	95
9) Benzaldehyde	6.43	77	102937	15.949	ng	97
10) Phenol	6.53	94	329095	34.687	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	303548	38.090	ng	97
12) 1,3-Dichlorobenzene	6.83	146	356826	39.918	ng	97
13) 1,4-Dichlorobenzene	6.90	146	359391	39.723	ng	97
14) 1,2-Dichlorobenzene	7.06	146	336145	40.184	ng	97
15) Benzyl Alcohol	7.02	79	279321	39.601	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	558752	43.838	ng	98
17) 2-Methylphenol	7.13	107	269738	40.711	ng	99
18) Hexachloroethane	7.39	117	122745	41.147	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	226222	36.094	ng	95
20) 3+4-Methylphenols	7.29	107	316285	37.723	ng	# 80
22) Acetophenone	7.29	105	436487	38.166	ng	# 95
24) Nitrobenzene	7.47	77	343517	47.048	ng	96
25) Isophorone	7.70	82	633859	42.520	ng	100
26) 2-Nitrophenol	7.78	139	183037	52.855	ng	94
27) 2,4-Dimethylphenol	7.82	122	306460	45.859	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	407412	41.781	ng	99
29) 2,4-Dichlorophenol	8.02	162	286933	44.977	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	297296	43.082	ng	97
31) Naphthalene	8.19	128	968955	42.894	ng	99
32) Benzoic acid	7.87	122	22781	12.953	ng	97
33) 4-Chloroaniline	8.23	127	148487	15.792	ng	99
34) Hexachlorobutadiene	8.30	225	170808	41.630	ng	100
35) Caprolactam	8.60	113	41697	19.045	ng	91
36) 4-Chloro-3-methylphenol	8.71	107	291115	42.488	ng	97
37) 2-Methylnaphthalene	8.87	142	655306	43.695	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	296100	40.909	ng	97
40) Hexachlorocyclopentadiene	9.03	237	272216	79.908	ng	100

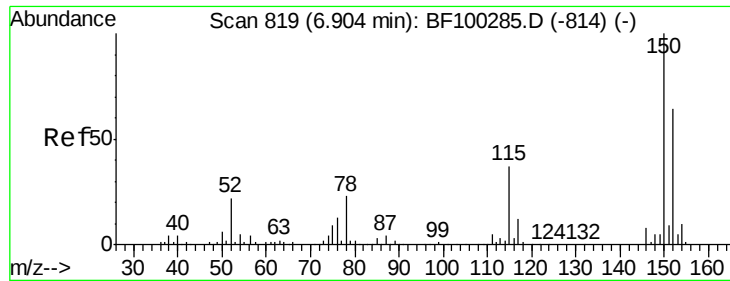
Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
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 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	214937	46.854	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	225951	47.540	ng	94
45) 1,1'-Biphenyl	9.34	154	773505	40.978	ng	99
46) 2-Chloronaphthalene	9.37	162	605542	44.220	ng	96
47) 2-Nitroaniline	9.46	65	188215	46.601	ng	98
48) Acenaphthylene	9.79	152	938420	41.351	ng	99
49) Dimethylphthalate	9.65	163	713127	42.796	ng	99
50) 2,6-Dinitrotoluene	9.70	165	162047	49.129	ng	95
51) Acenaphthene	9.96	154	565848	40.998	ng	99
52) 3-Nitroaniline	9.87	138	112668	28.927	ng	96
53) 2,4-Dinitrophenol	9.97	184	27698	30.633	ng #	13
54) Dibenzofuran	10.13	168	823841	42.588	ng	98
55) 4-Nitrophenol	10.03	139	230006	72.726	ng	89
56) 2,4-Dinitrotoluene	10.11	165	216676	52.072	ng #	87
57) Fluorene	10.47	166	634944	44.806	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	179005	45.954	ng #	87
59) Diethylphthalate	10.34	149	690546	41.411	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	301998	43.442	ng	93
61) 4-Nitroaniline	10.49	138	169822	45.982	ng	88
62) Azobenzene	10.62	77	641314	40.834	ng	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	39399	23.619	ng #	71
65) n-Nitrosodiphenylamine	10.58	169	604847	40.839	ng	97
66) 4-Bromophenyl-phenylether	10.95	248	200052	43.813	ng #	84
67) Hexachlorobenzene	11.02	284	212153	44.425	ng #	87
68) Atrazine	11.10	200	189521	42.274	ng	97
69) Pentachlorophenol	11.21	266	182248	53.221	ng	99
70) Phenanthrene	11.43	178	975062	43.478	ng	99
71) Anthracene	11.49	178	979091	43.032	ng	99
72) Carbazole	11.64	167	879605	41.898	ng	99
73) Di-n-butylphthalate	11.96	149	1091973	44.447	ng	99
74) Fluoranthene	12.62	202	992381	41.753	ng	95
76) Benzidine	12.74	184	861561	74.625	ng	98
77) Pyrene	12.85	202	1007087	49.006	ng	100
79) Butylbenzylphthalate	13.46	149	429537	51.253	ng	97
80) Benzo(a)anthracene	14.03	228	761134	43.843	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	144097	23.167	ng #	98
82) Chrysene	14.07	228	716270	42.607	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	570095	51.721	ng	99
84) Di-n-octyl phthalate	14.63	149	830199	43.843	ng	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	706259	51.939	ng	95
87) Benzo(b)fluoranthene	15.08	252	610816	43.655	ng	99
88) Benzo(k)fluoranthene	15.08	252	610816	46.203	ng	98
89) Benzo(a)pyrene	15.45	252	558688	45.040	ng	100
90) Dibenzo(a,h)anthracene	17.02	278	577544	56.932	ng	96
91) Benzo(g,h,i)perylene	17.46	276	625908	63.030	ng	95

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

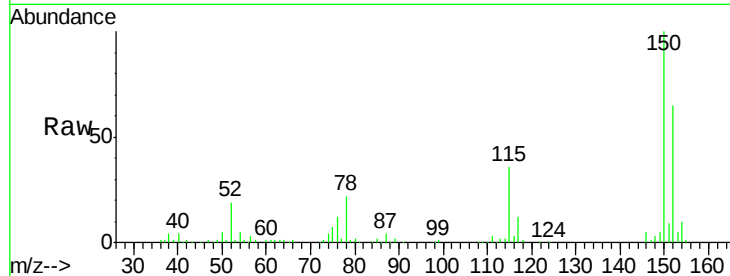


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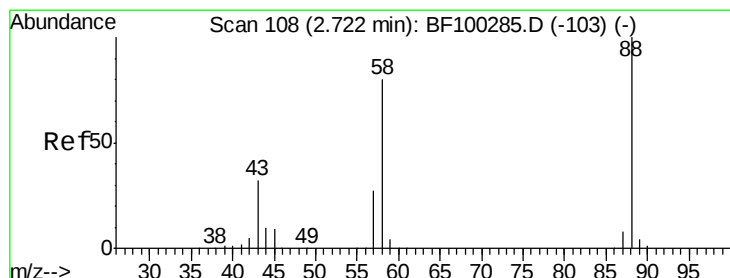
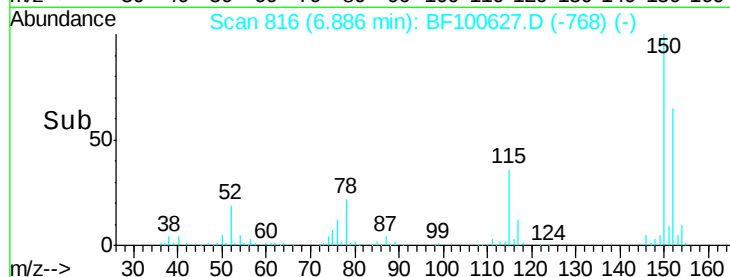
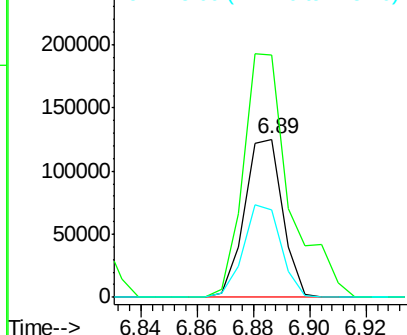
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tgt Ion:152 Resp: 117483
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 55.3 50.1 75.1



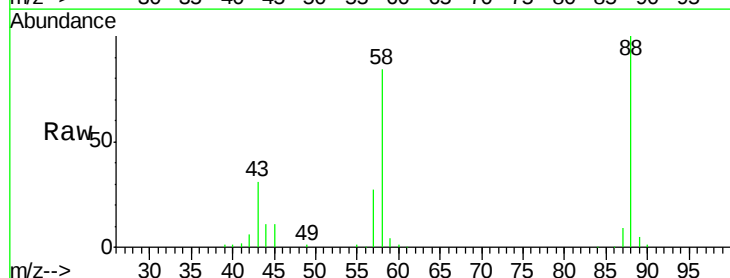
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



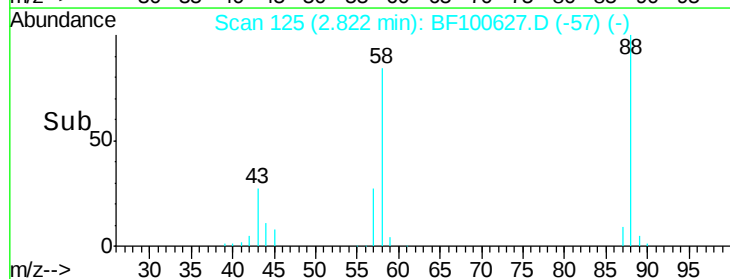
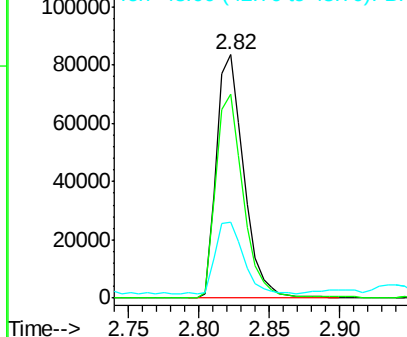
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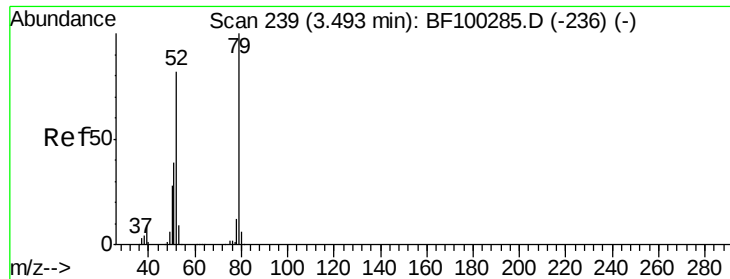
1,4-Dioxane
Concen: 31.468 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.10 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion: 88 Resp: 112394
Ion Ratio Lower Upper
88 100
58 84.7 62.6 93.8
43 30.7 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

Pyridine

Concen: 26.692 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.06 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

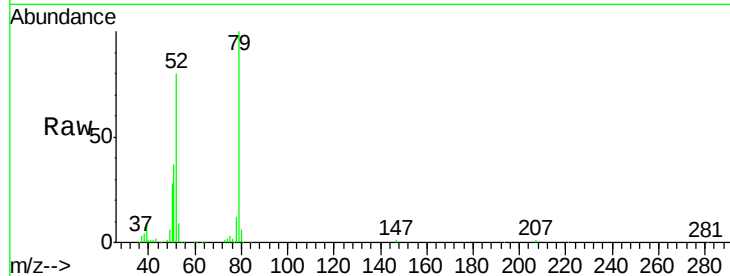
Tgt Ion: 79 Resp: 260096

Ion Ratio Lower Upper

79 100

52 79.9 59.8 89.6

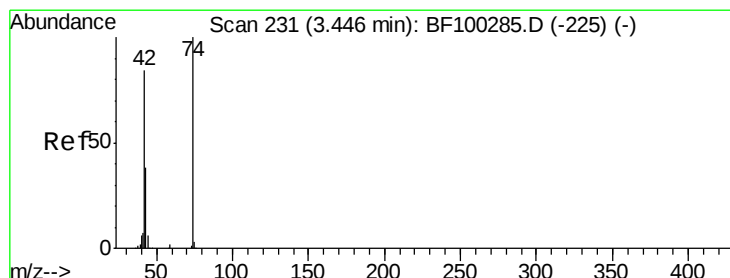
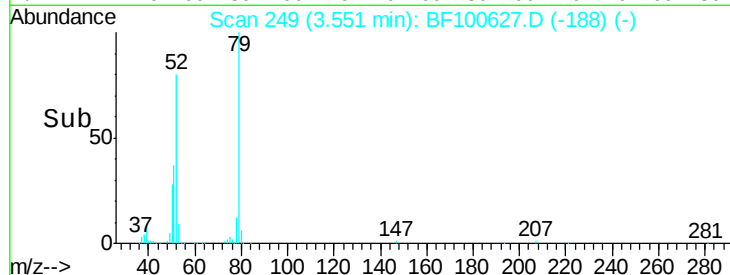
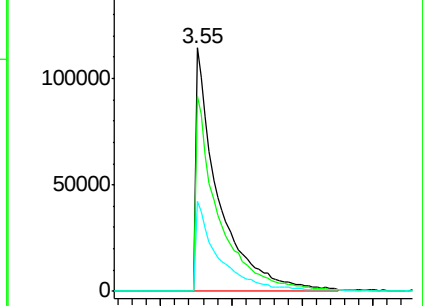
51 37.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.354 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.05 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

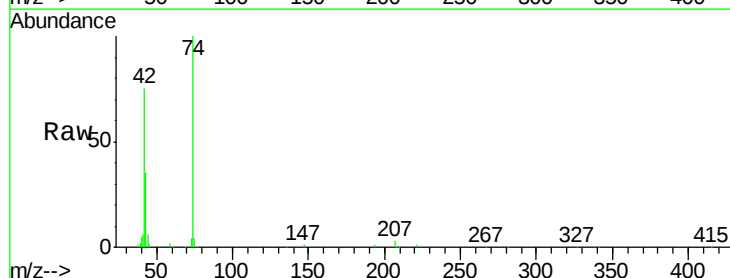
Tgt Ion: 42 Resp: 153070

Ion Ratio Lower Upper

42 100

74 132.9 104.9 157.3

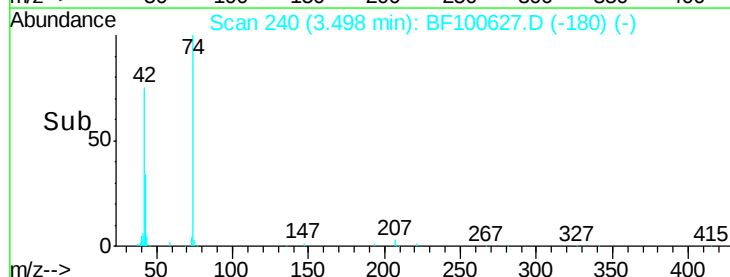
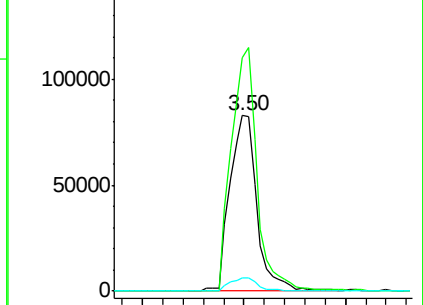
44 7.4 6.9 10.3

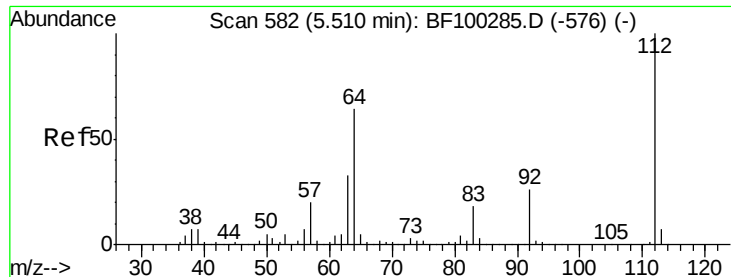


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.388 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

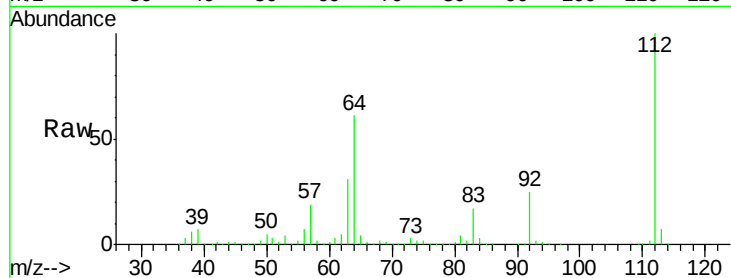
Tgt Ion: 112 Resp: 787047

Ion Ratio Lower Upper

112 100

64 60.6 47.9 71.9

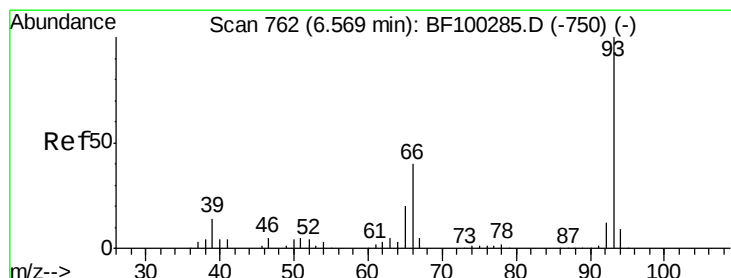
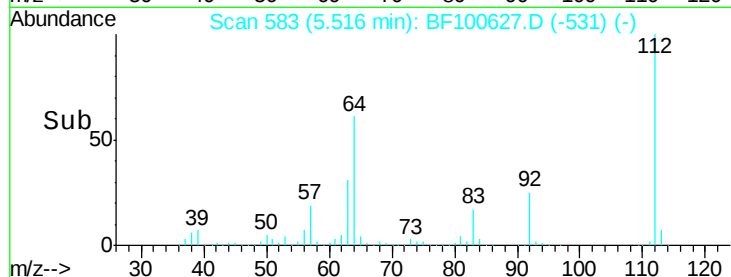
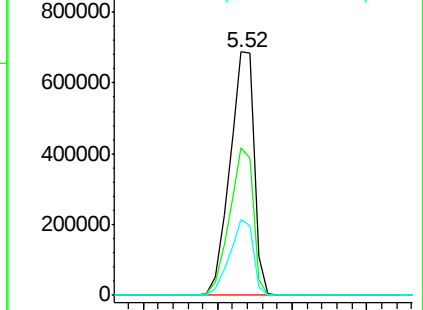
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.853 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

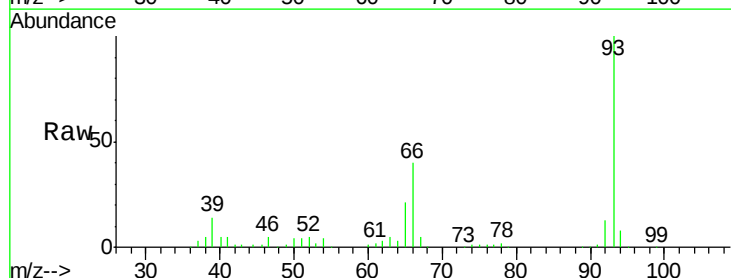
Tgt Ion: 93 Resp: 266248

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

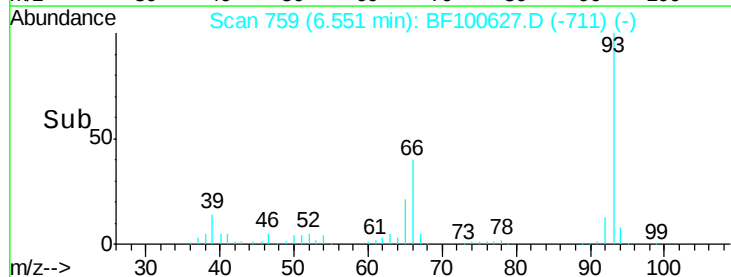
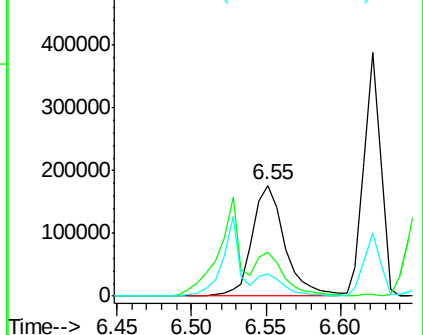
65 20.5 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.291 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100627.D

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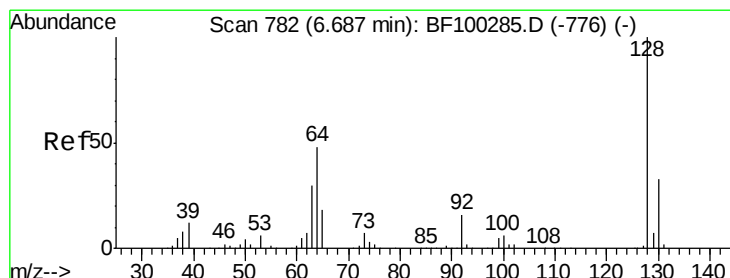
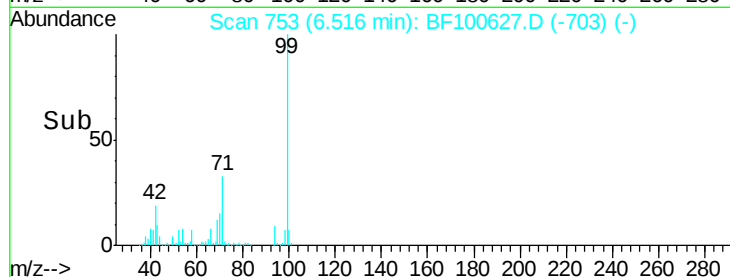
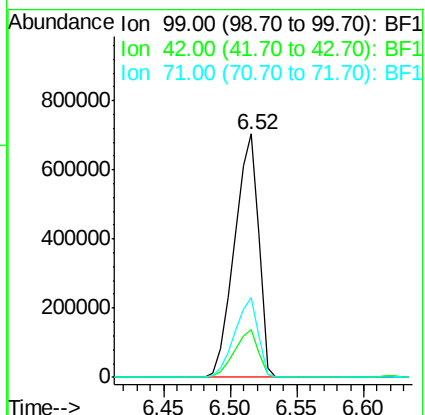
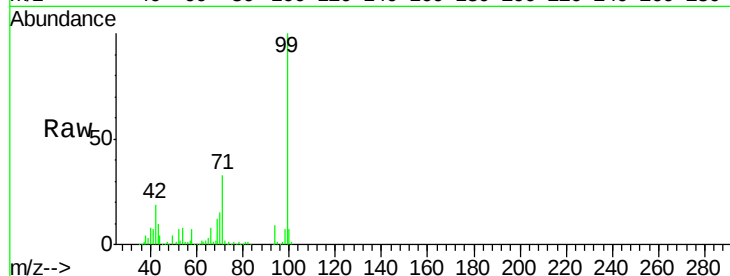
Tgt Ion: 99 Resp: 888318

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.6 25.4 38.0



#8

2-Chlorophenol

Concen: 40.618 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

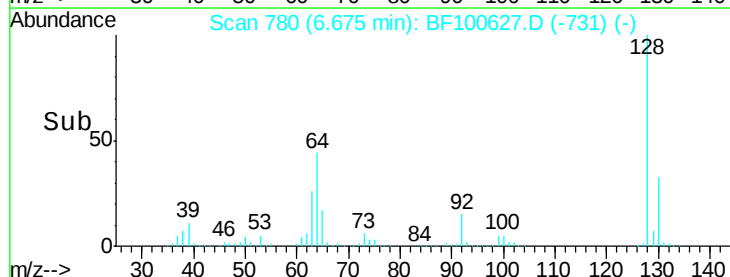
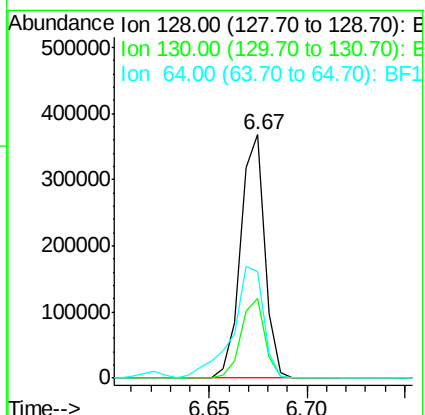
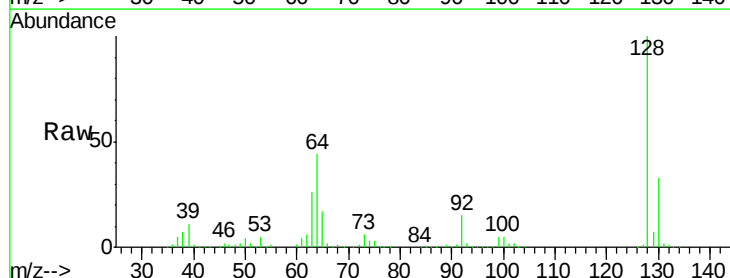
Tgt Ion: 128 Resp: 314924

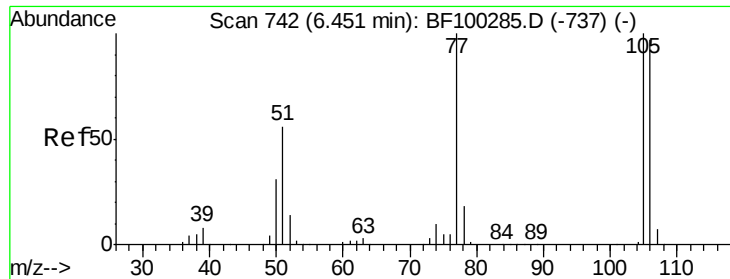
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 44.0 29.4 69.4





#9

Benzaldehyde

Concen: 15.949 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

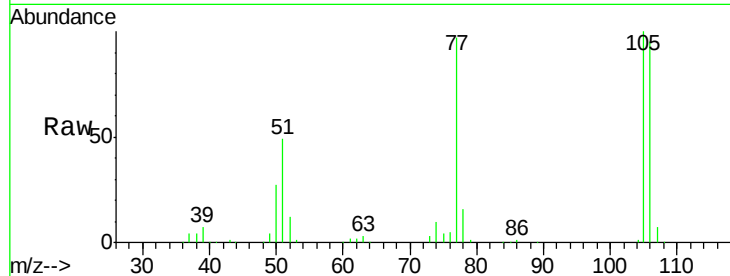
Tgt Ion: 77 Resp: 102937

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

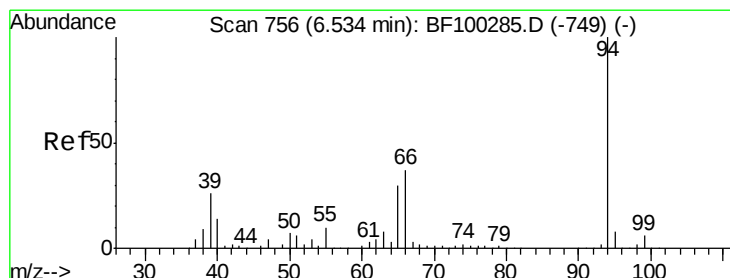
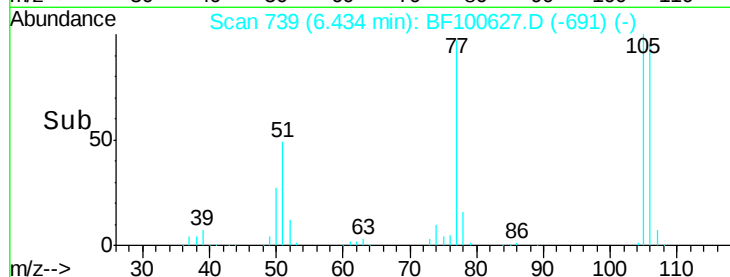
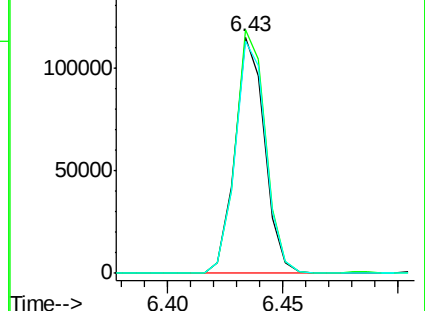
106 97.9 74.5 114.5



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: 34.687 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

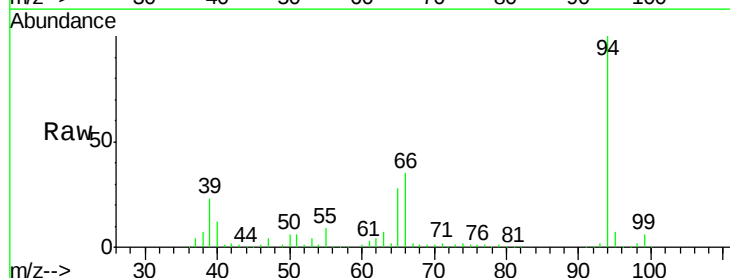
Tgt Ion: 94 Resp: 329095

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

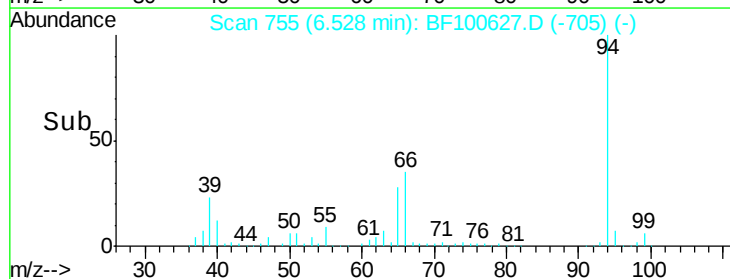
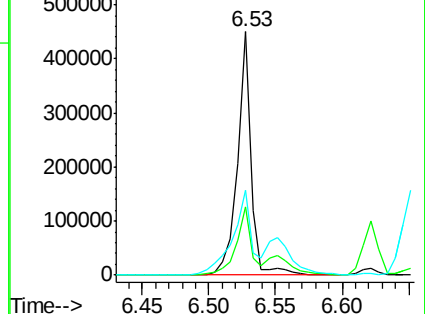
66 35.1 16.2 56.2

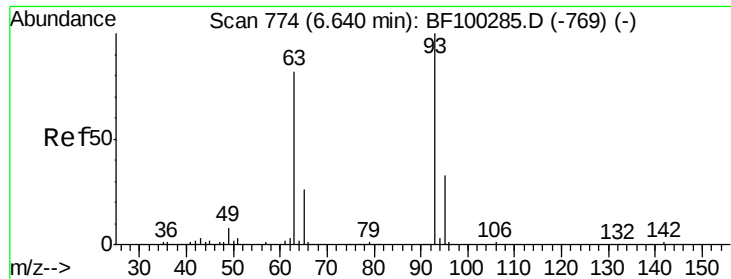


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

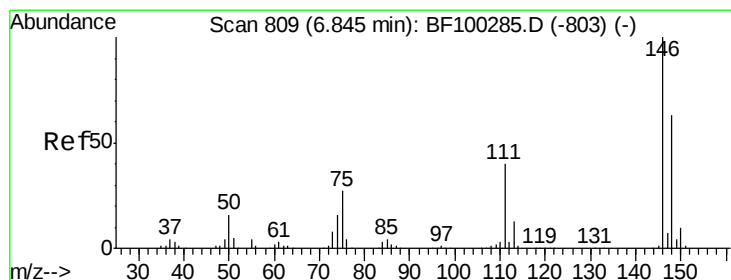
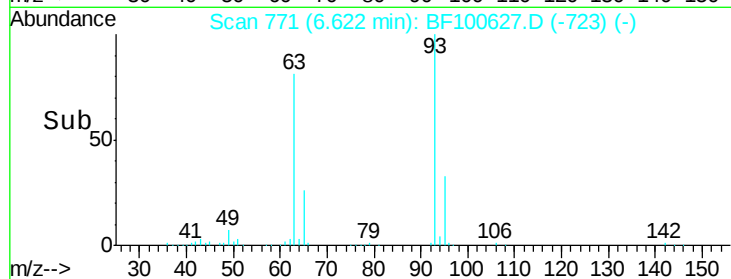
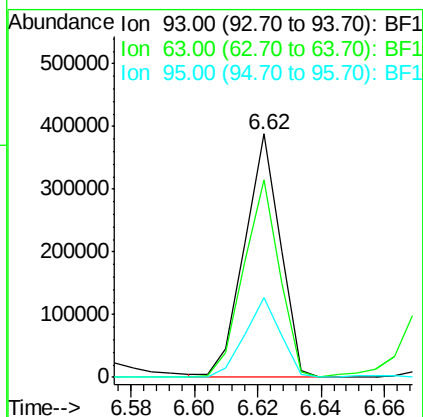
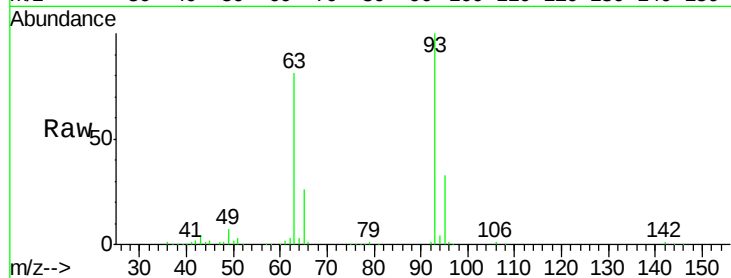




#11
bis(2-Chloroethyl)ether
Concen: 38.090 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

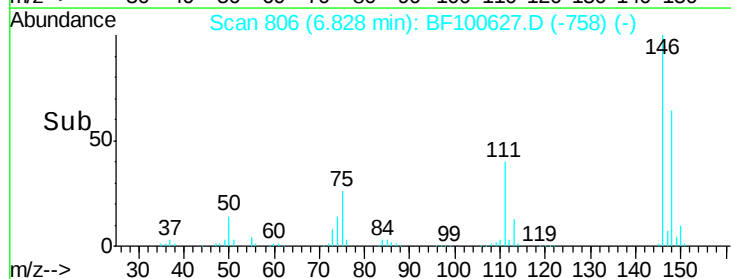
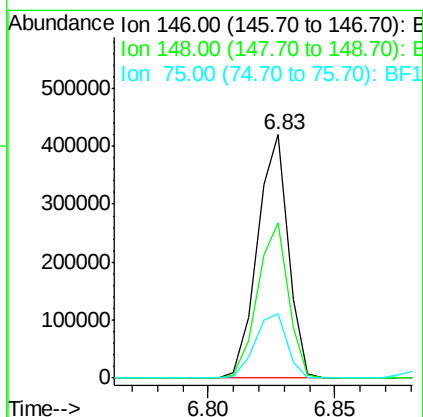
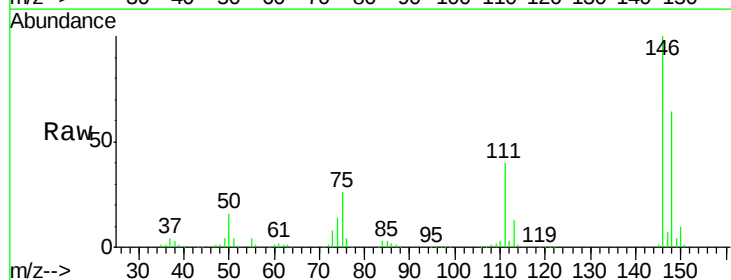
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

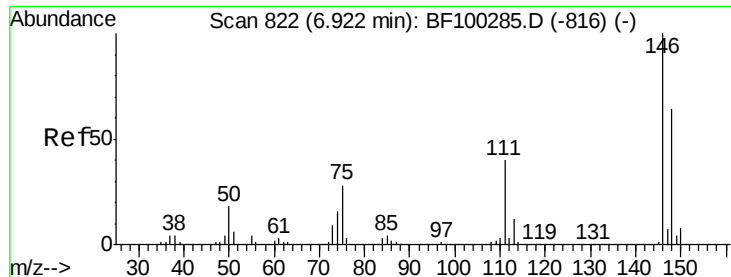
Tgt Ion: 93 Resp: 303548
Ion Ratio Lower Upper
93 100
63 81.1 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.918 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion: 146 Resp: 356826
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 26.3 24.2 36.4

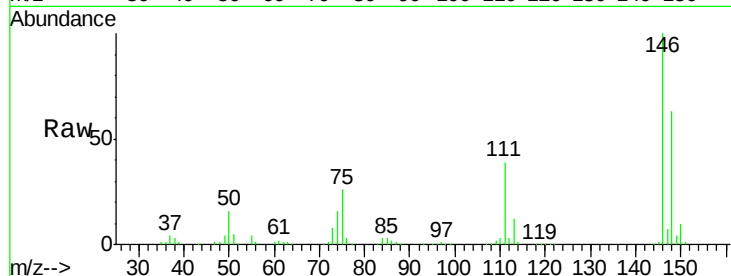




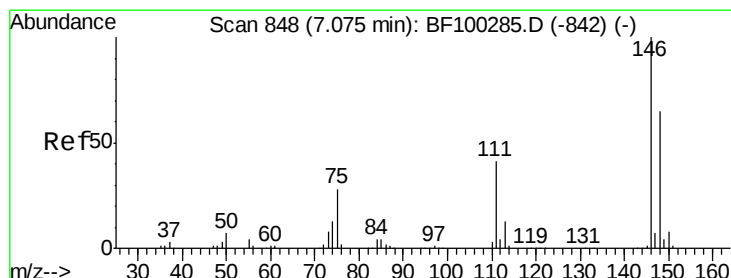
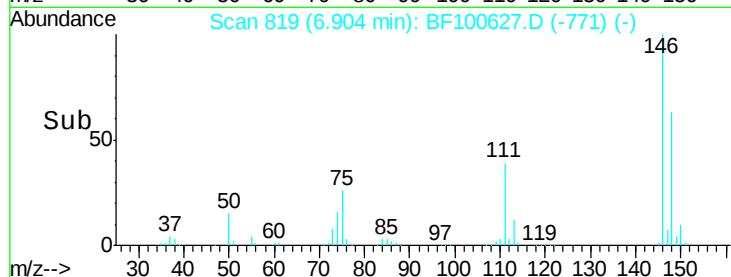
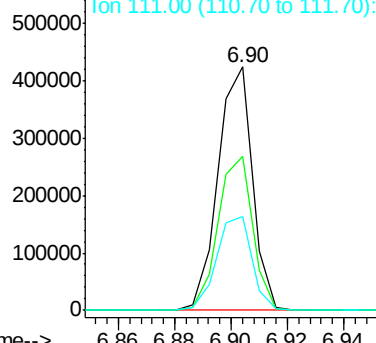
#13
 1,4-Dichlorobenzene
 Concen: 39.723 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tgt Ion:146 Resp: 359391
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 38.7 34.2 51.2

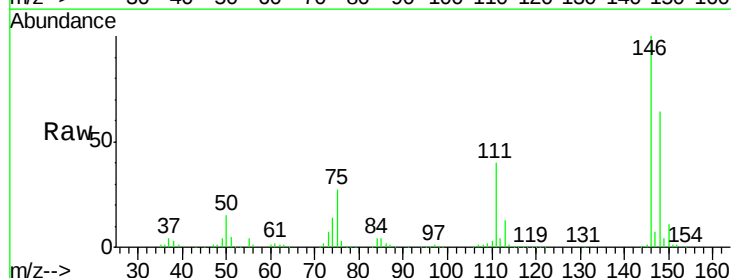


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

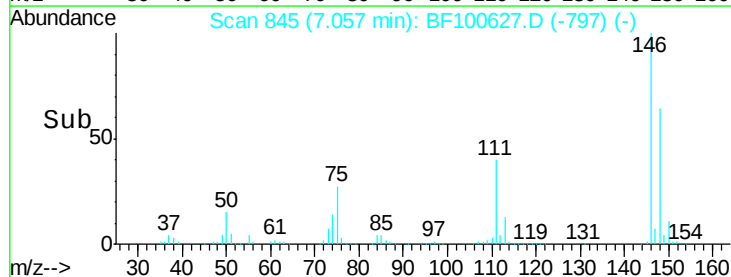
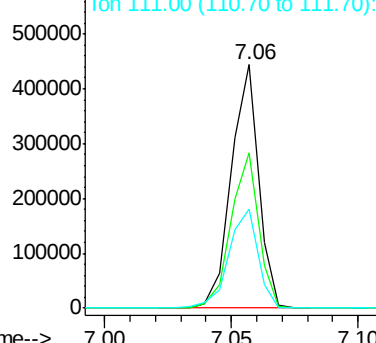


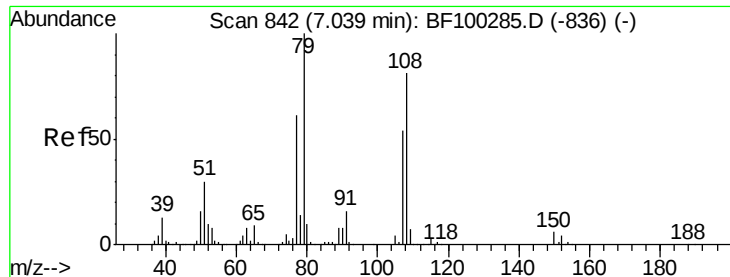
#14
 1,2-Dichlorobenzene
 Concen: 40.184 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion:146 Resp: 336145
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 40.5 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: 39.601 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

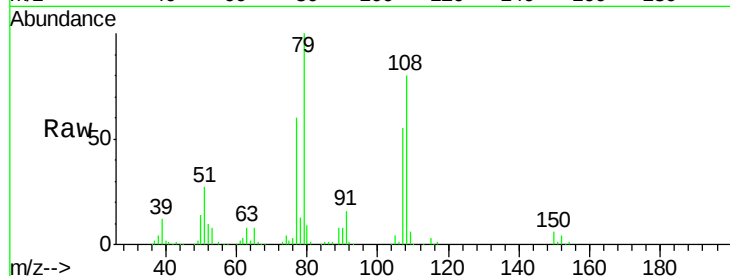
Tgt Ion: 79 Resp: 279321

Ion Ratio Lower Upper

79 100

108 80.0 65.1 97.7

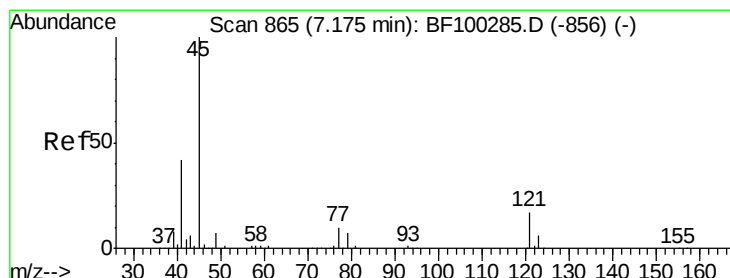
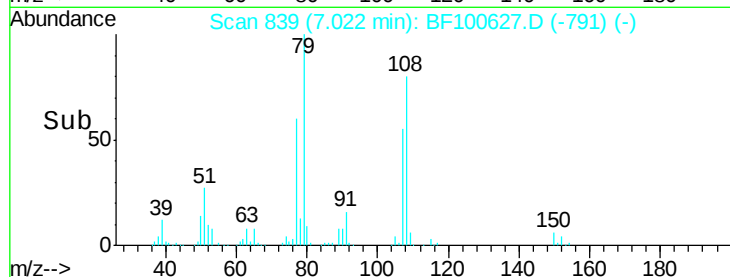
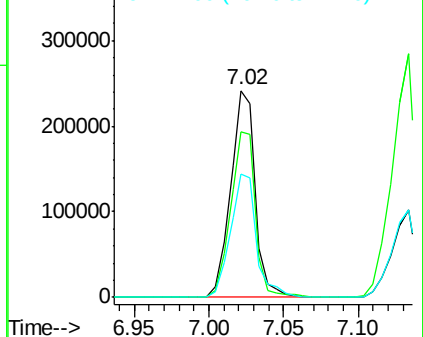
77 59.6 50.6 75.8



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: 43.838 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

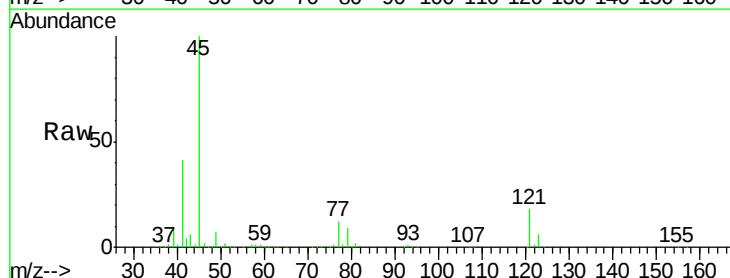
Tgt Ion: 45 Resp: 558752

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.9

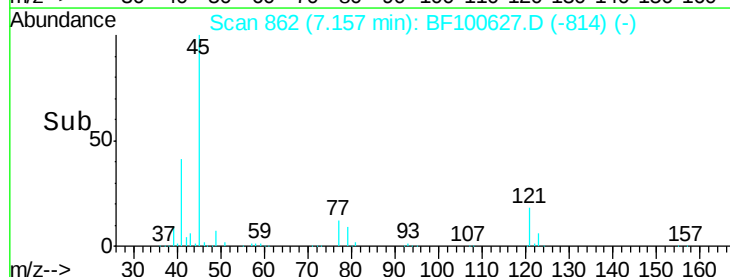
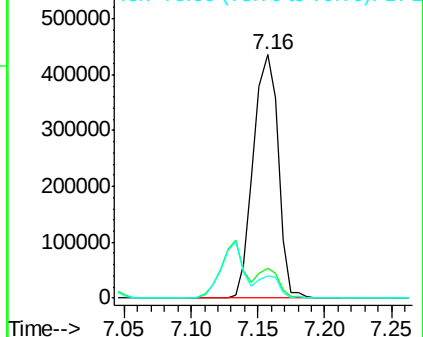
79 9.1 0.0 29.6

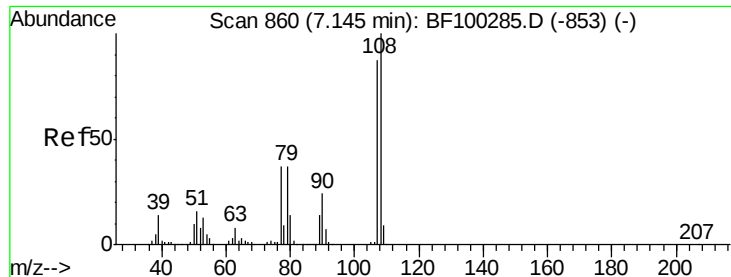


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.711 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

Tgt Ion:107 Resp: 269738

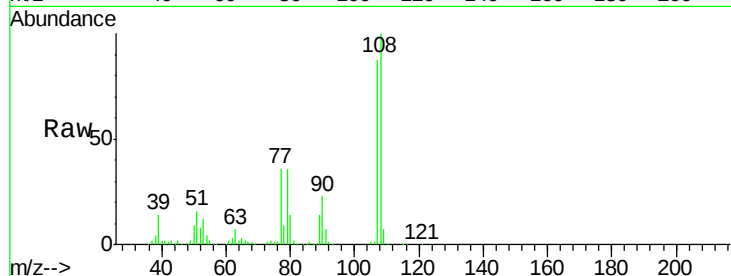
Ion Ratio Lower Upper

107 100

108 115.3 91.7 137.5

77 41.6 33.8 50.8

79 41.3 33.8 50.8

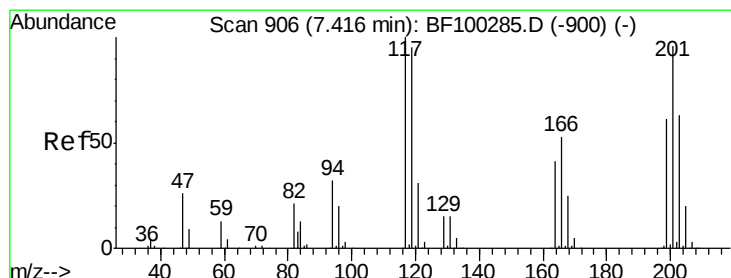
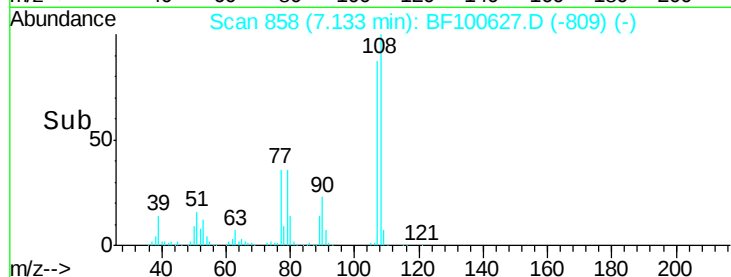
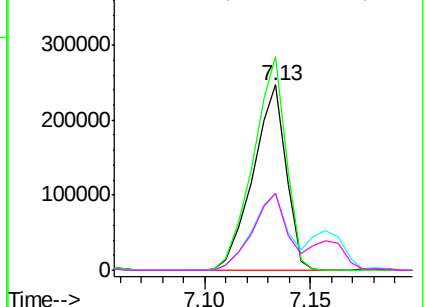


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.147 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

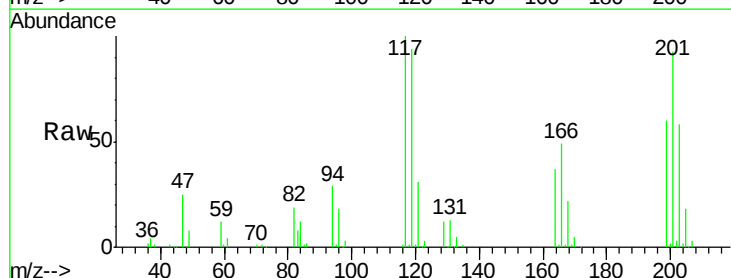
Tgt Ion:117 Resp: 122745

Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.8

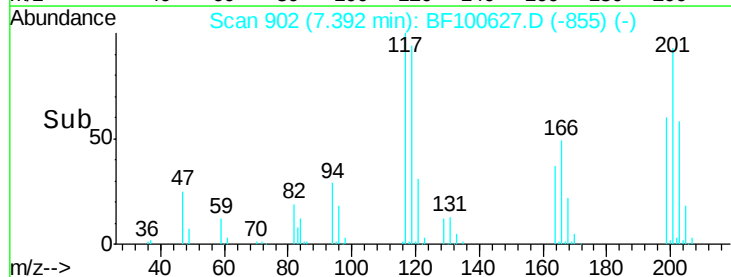
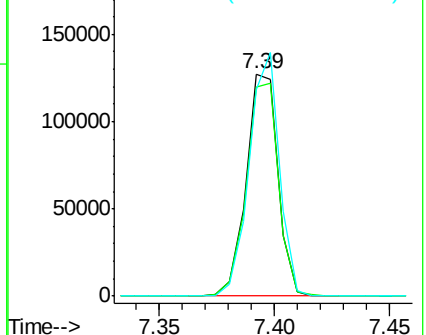
201 92.7 75.7 113.5

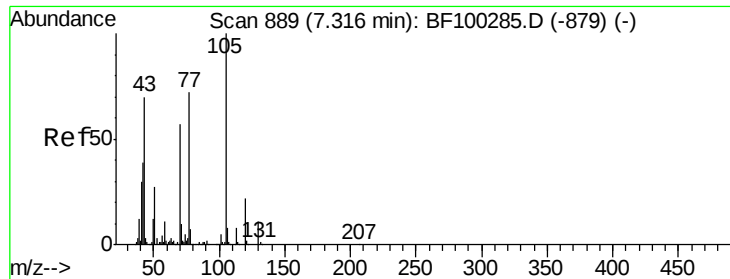


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

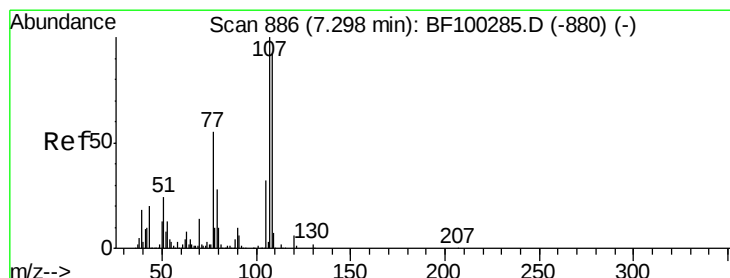
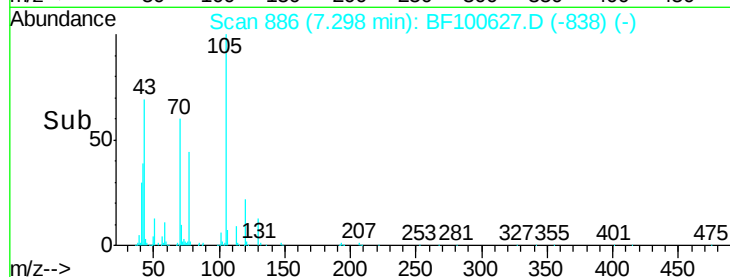
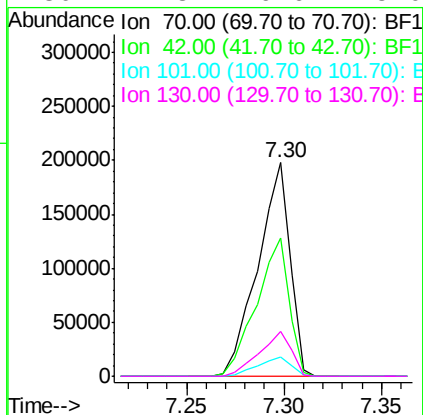
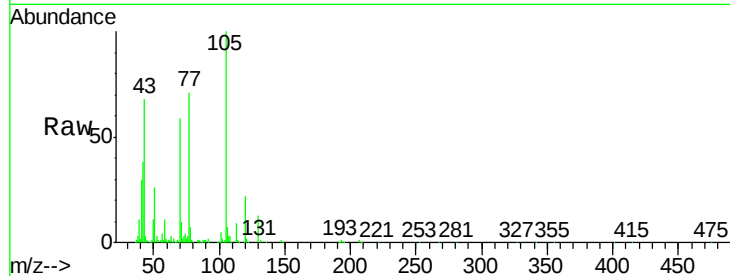




#19
n-Nitroso-di-n-propylamine
Concen: 36.094 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

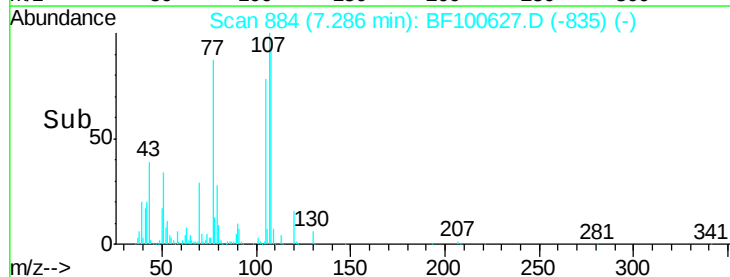
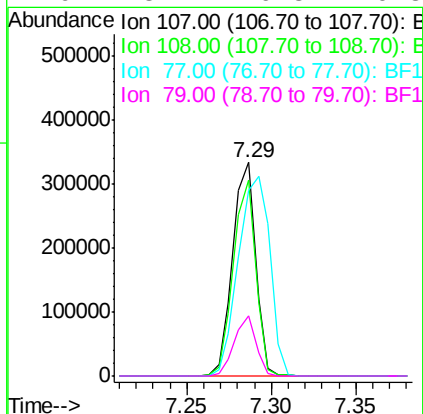
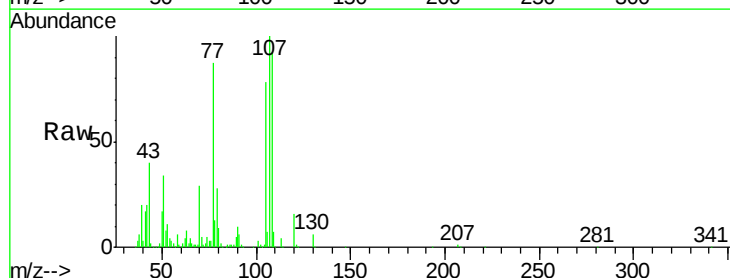
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tgt Ion:	70	Resp:	226222
Ion	Ratio	Lower	Upper
70	100		
42	64.8	47.5	71.3
101	9.2	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.723 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:	107	Resp:	316285
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	86.9	26.7	66.7#
79	28.1	6.3	46.3

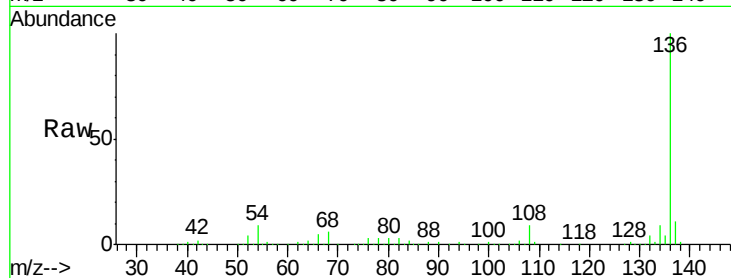




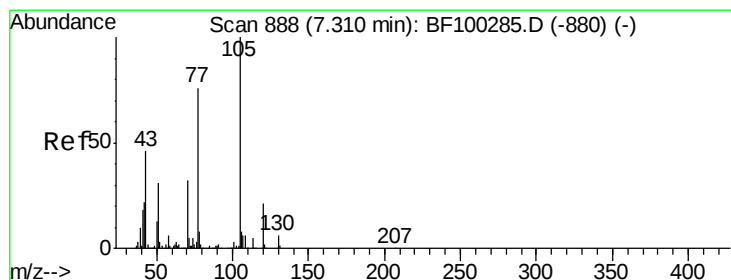
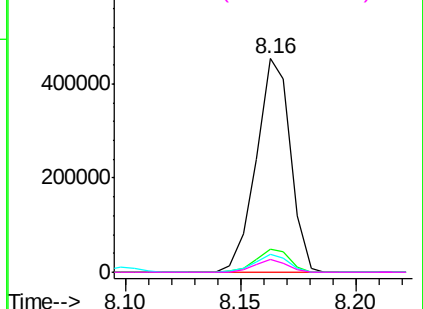
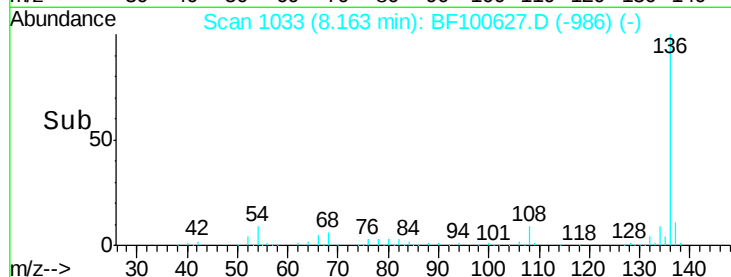
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tgt Ion:	136	Resp:	469003
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4

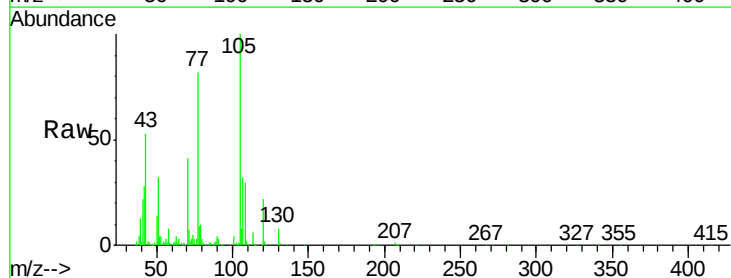


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

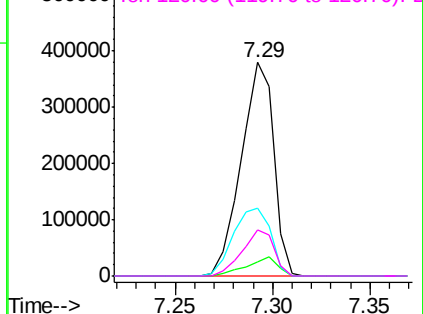
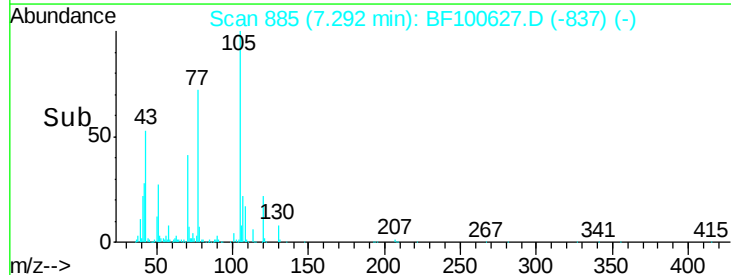


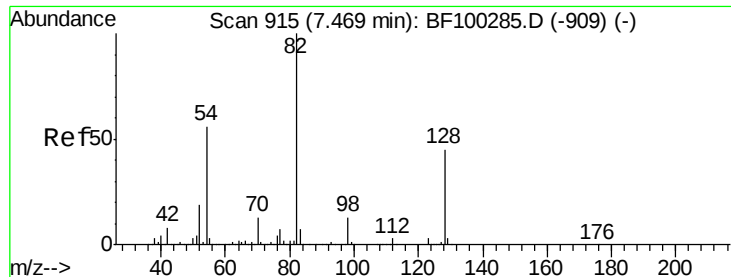
#22
Acetophenone
Concen: 38.166 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:	105	Resp:	436487
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.4	6.6#
51	31.9	22.3	33.5
120	21.5	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

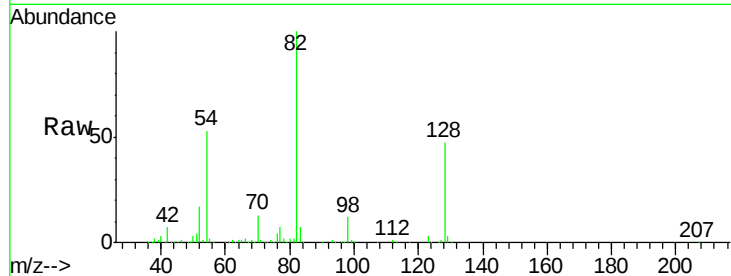




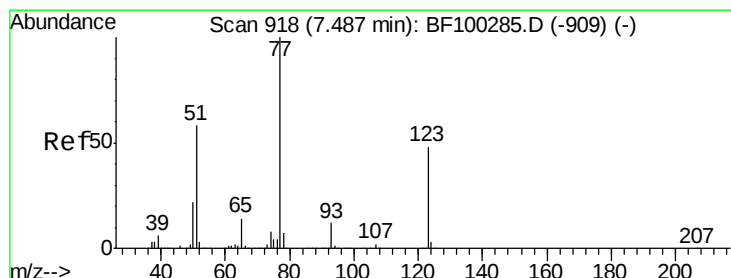
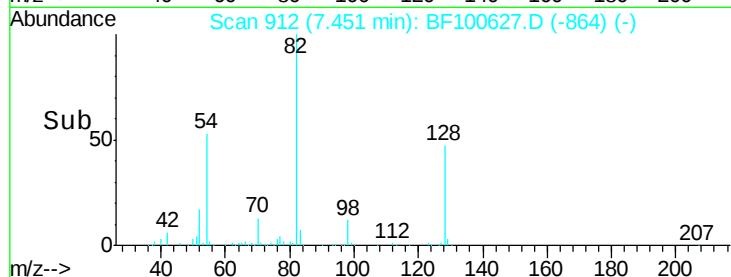
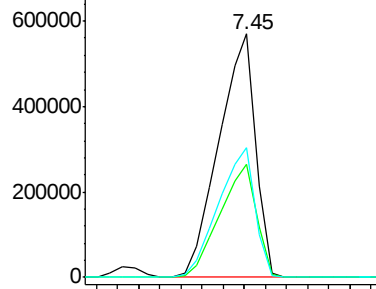
#23
Nitrobenzene-d5
Concen: 96.445 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tgt Ion: 82 Resp: 684172
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 53.2 41.4 62.2

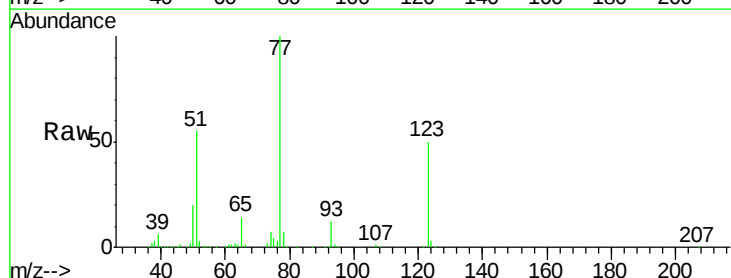


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

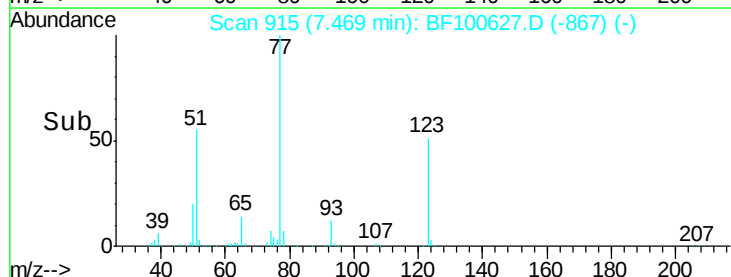
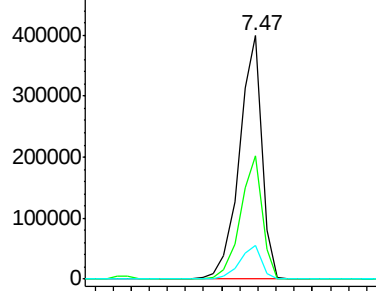


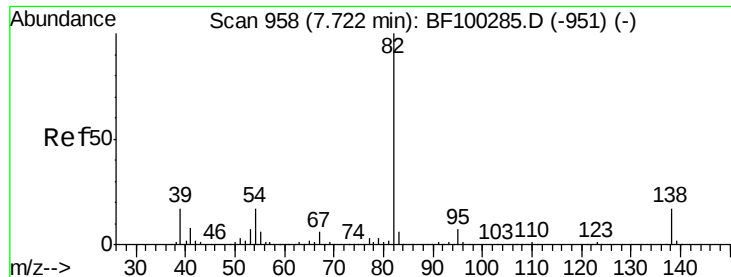
#24
Nitrobenzene
Concen: 47.048 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion: 77 Resp: 343517
Ion Ratio Lower Upper
77 100
123 50.5 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: 42.520 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

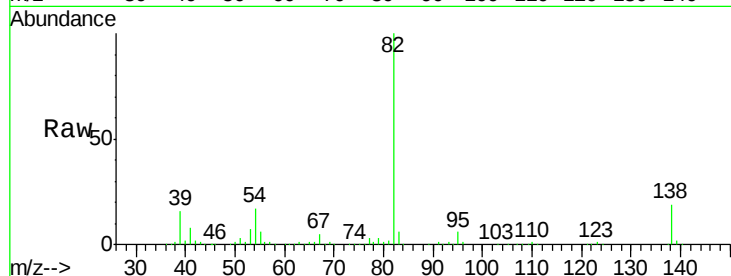
Tgt Ion: 82 Resp: 633859

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

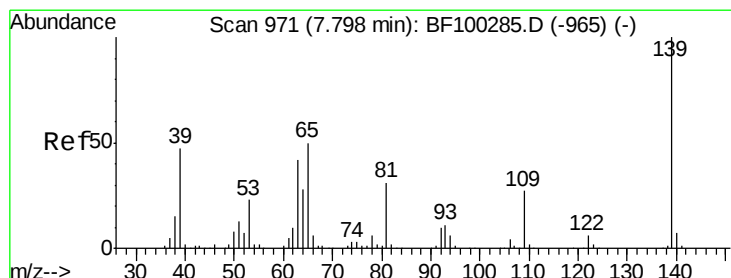
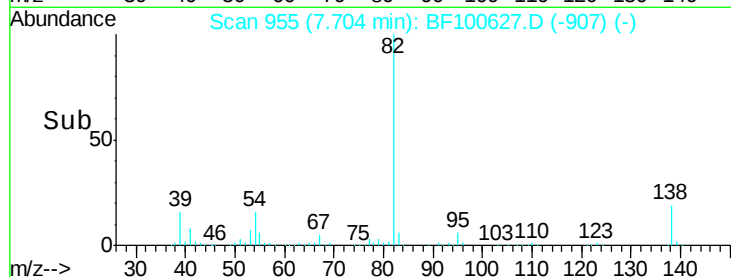
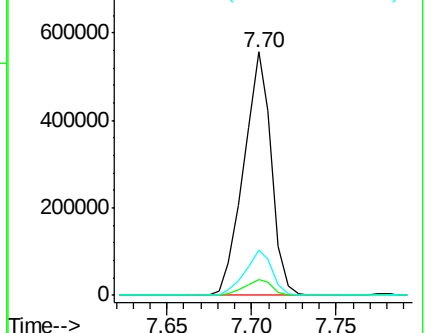
138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.855 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

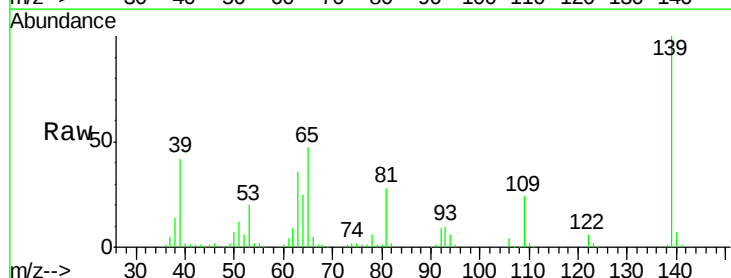
Tgt Ion: 139 Resp: 183037

Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

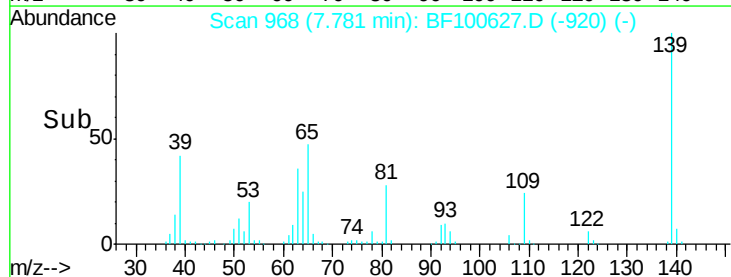
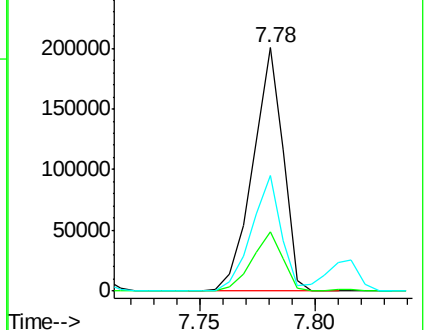
65 47.3 40.5 60.7

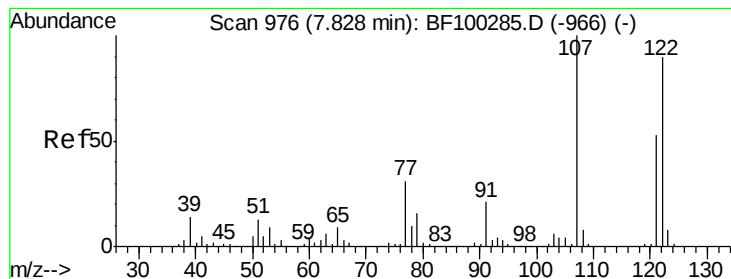


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.859 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

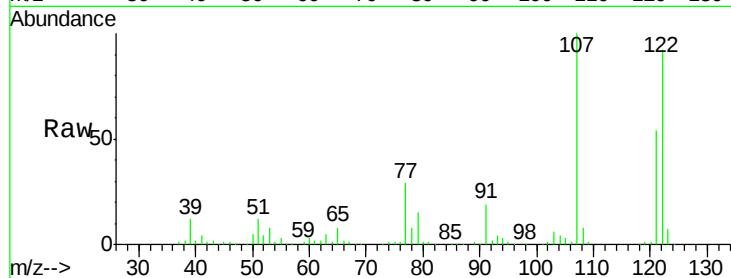
Tgt Ion: 122 Resp: 306460

Ion Ratio Lower Upper

122 100

107 109.0 91.2 136.8

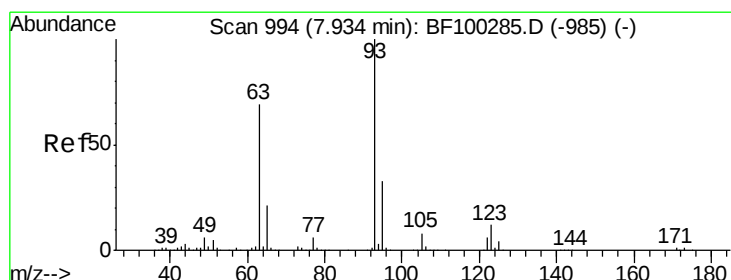
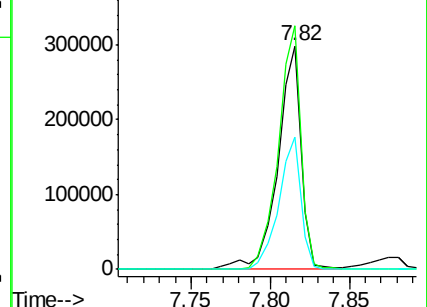
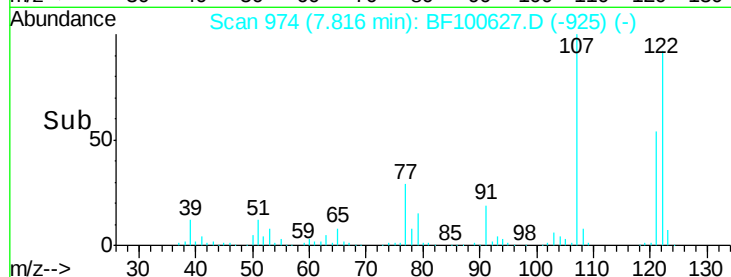
121 59.1 47.2 70.8



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: 41.781 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

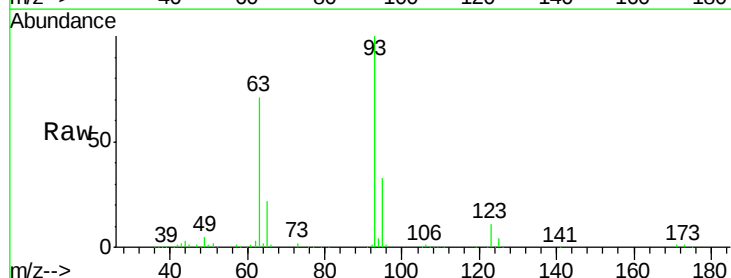
Tgt Ion: 93 Resp: 407412

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

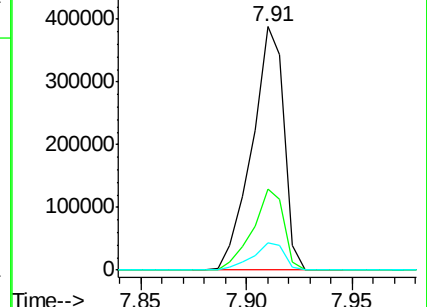
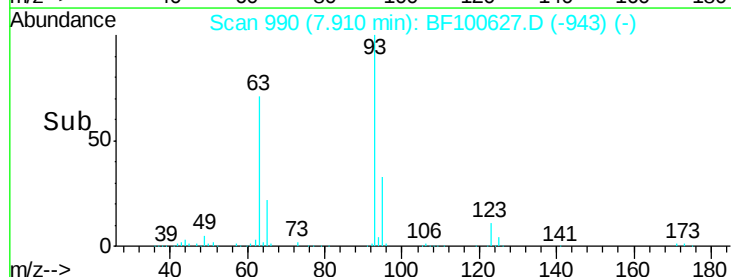
123 11.0 9.8 14.6

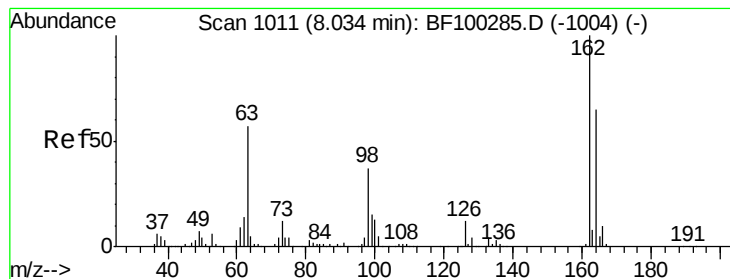


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.977 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

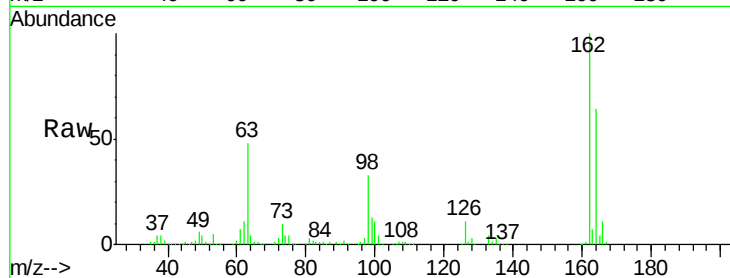
Tgt Ion:162 Resp: 286933

Ion Ratio Lower Upper

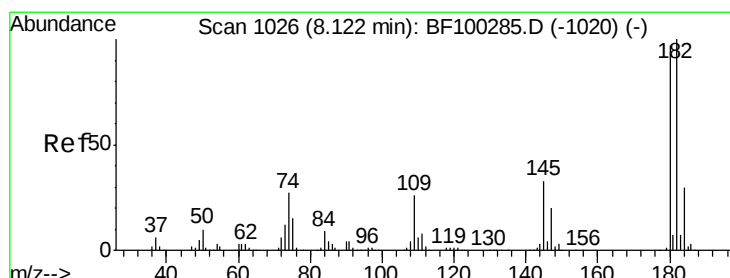
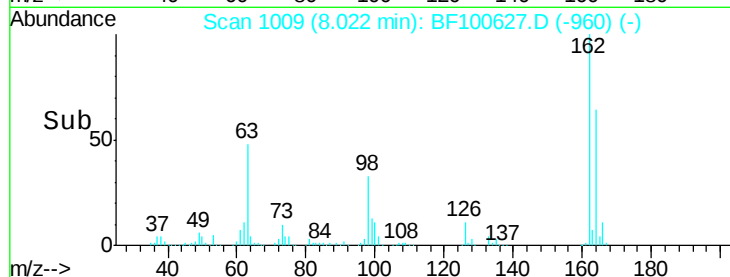
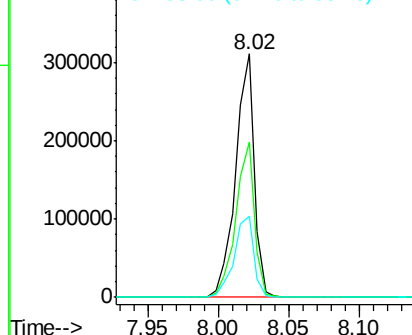
162 100

164 63.6 42.7 82.7

98 33.4 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: 43.082 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

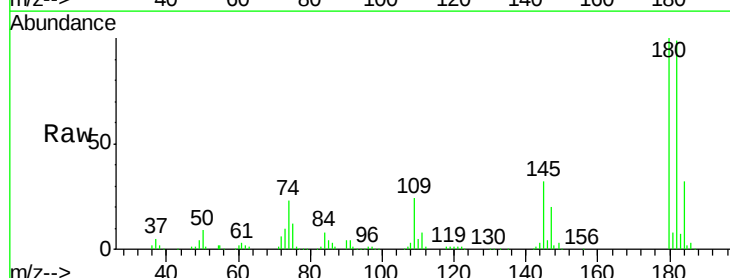
Tgt Ion:180 Resp: 297296

Ion Ratio Lower Upper

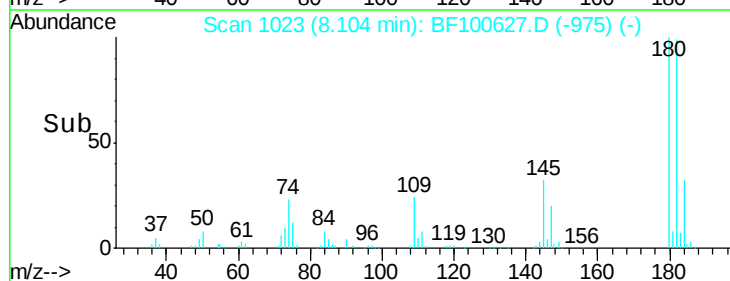
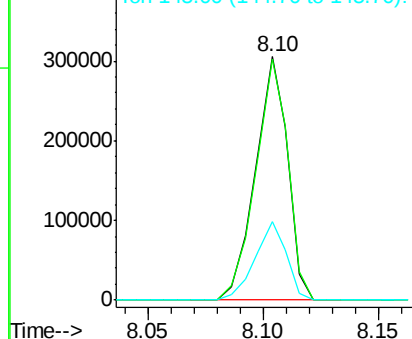
180 100

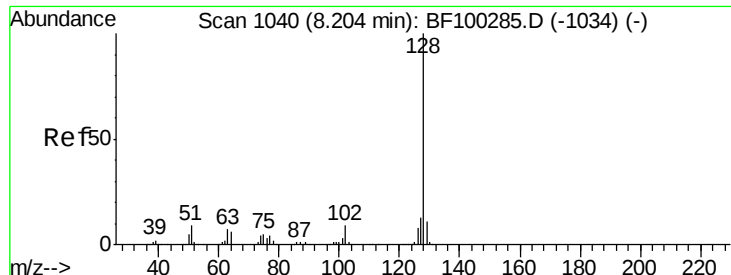
182 99.1 76.8 115.2

145 32.3 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

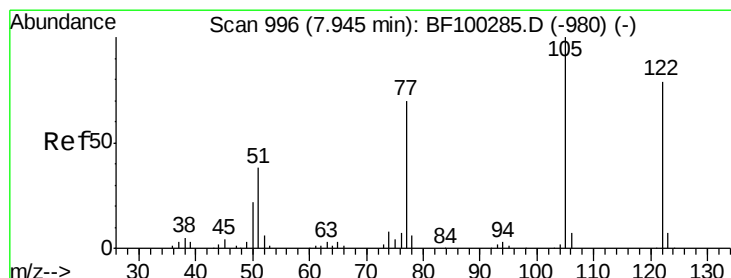
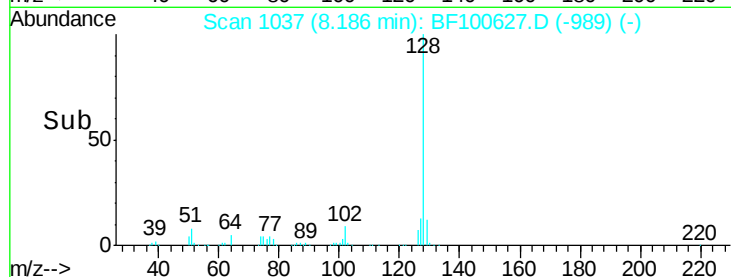
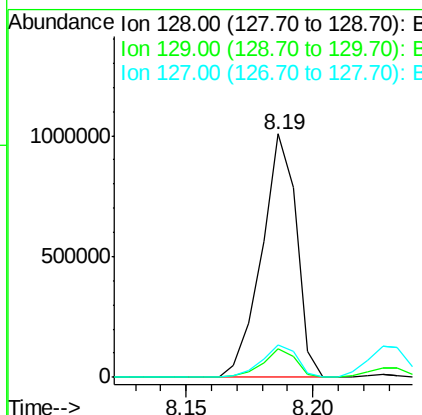
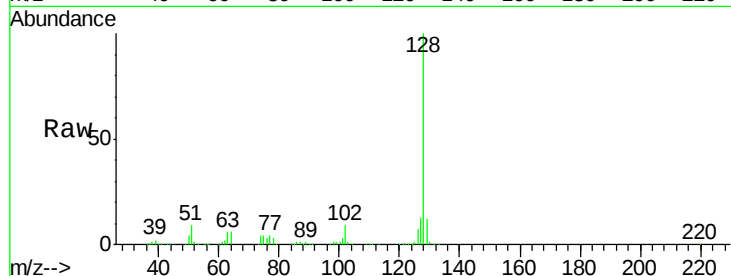




#31
Naphthalene
Concen: 42.894 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

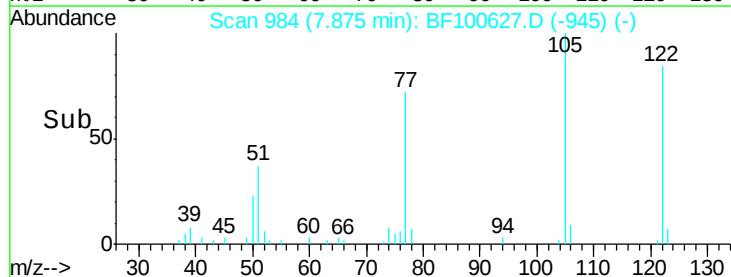
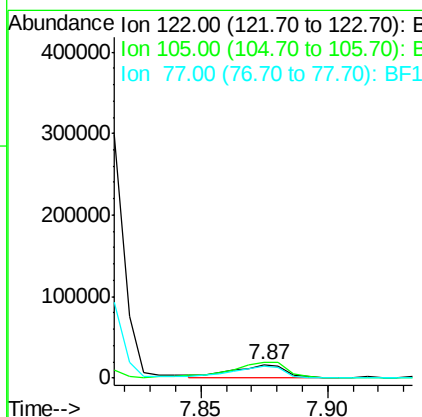
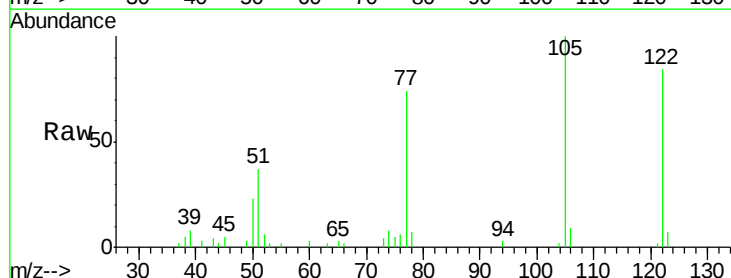
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

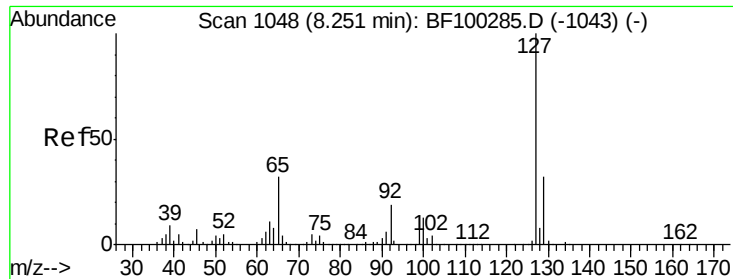
Tgt Ion:128 Resp: 968955
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 12.953 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.07 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:122 Resp: 22781
Ion Ratio Lower Upper
122 100
105 118.4 101.1 141.1
77 87.8 70.7 110.7

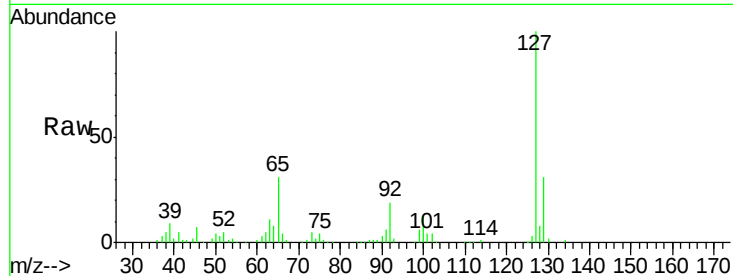




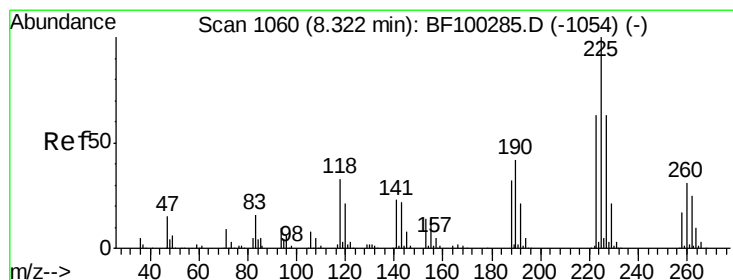
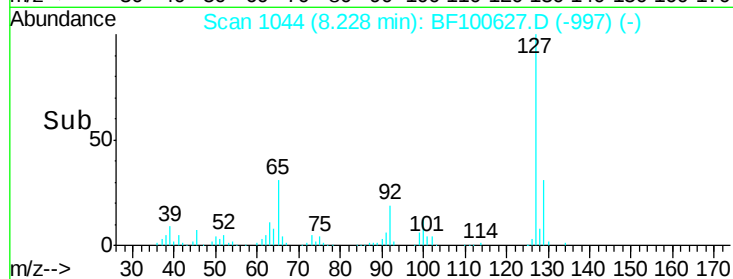
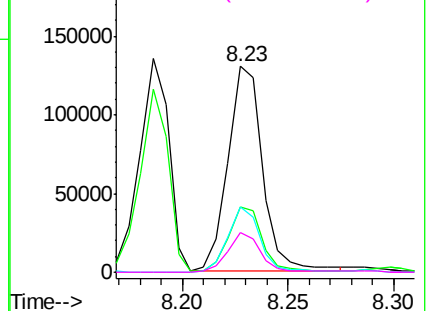
#33
4-Chloroaniline
Concen: 15.792 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tgt Ion:	127	Resp:	148487
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	31.5	25.0	37.4
92	19.0	15.2	22.8

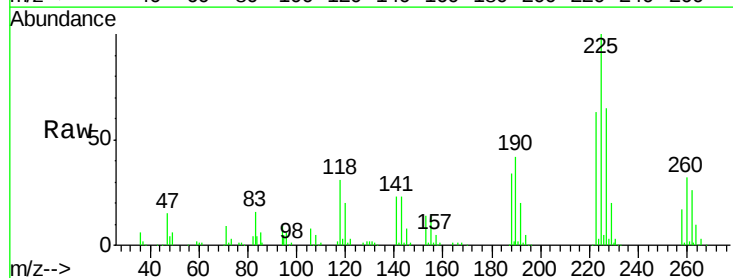


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

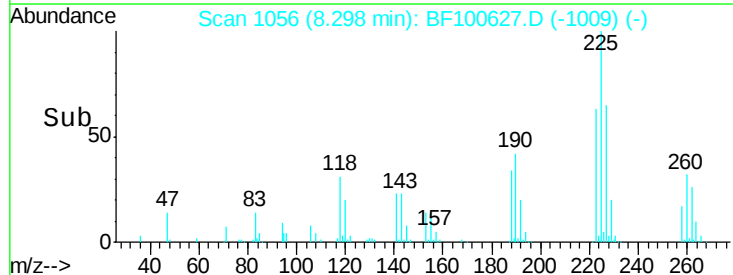
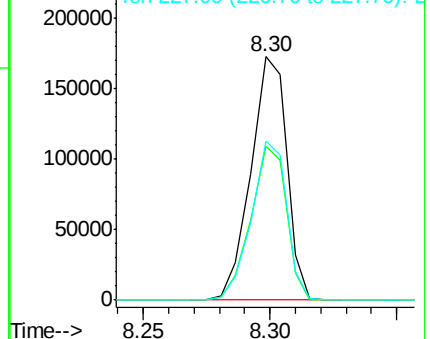


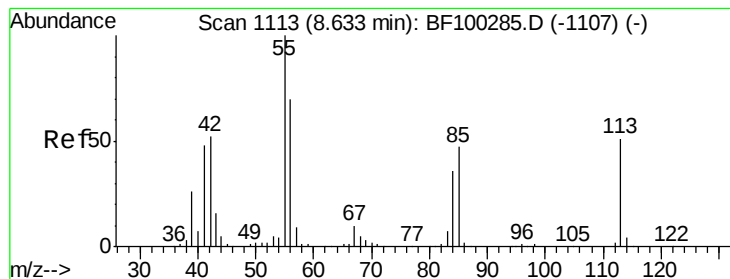
#34
Hexachlorobutadiene
Concen: 41.630 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:	225	Resp:	170808
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	65.2	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: 19.045 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

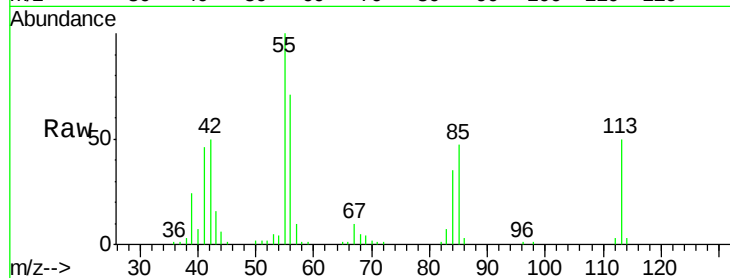
Tgt Ion:113 Resp: 41697

Ion Ratio Lower Upper

113 100

55 200.5 163.3 203.3

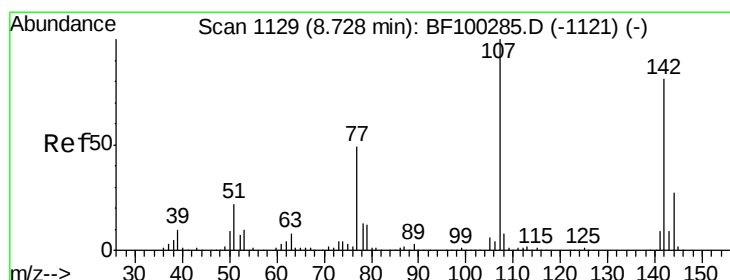
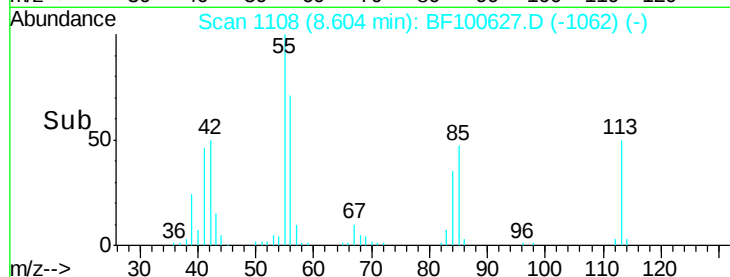
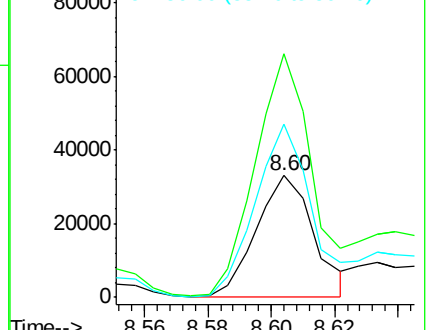
56 142.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.488 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

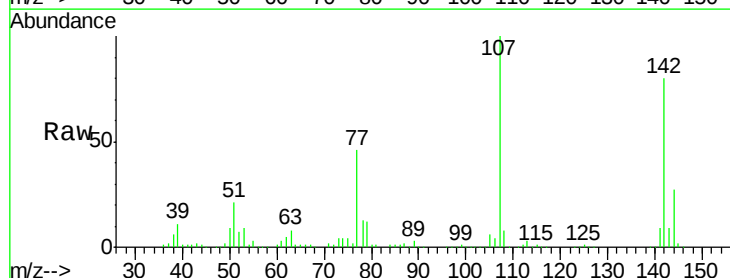
Tgt Ion:107 Resp: 291115

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

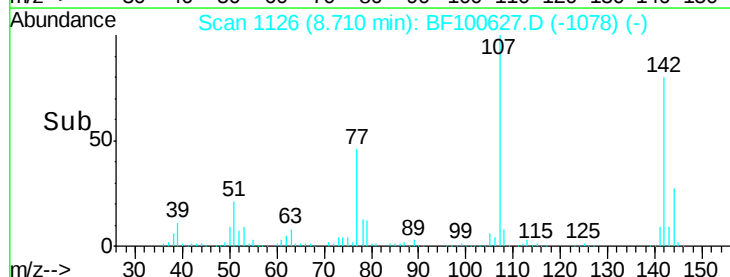
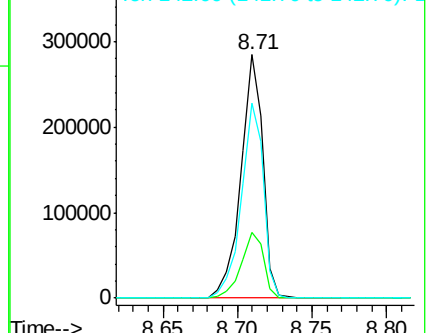
142 80.0 62.0 93.0

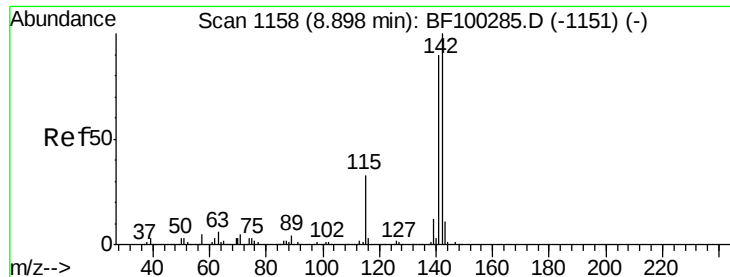


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

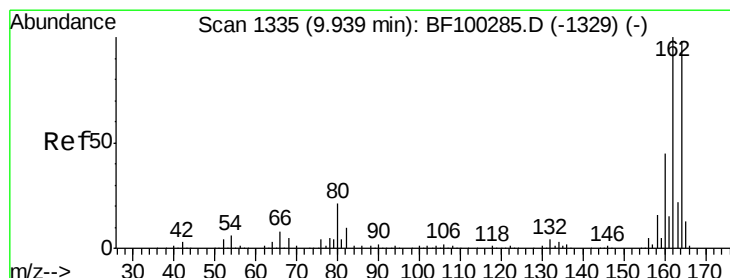
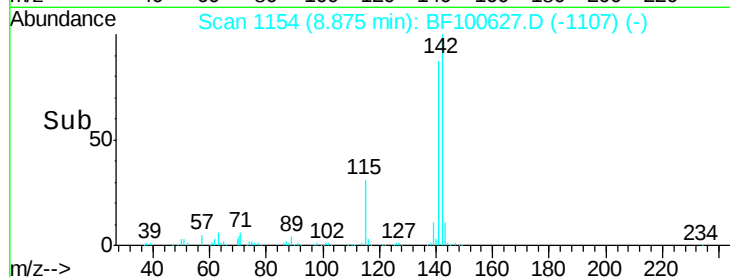
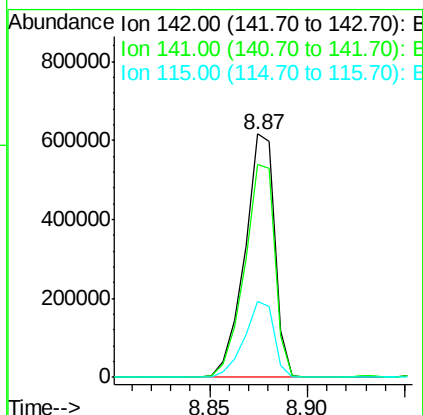
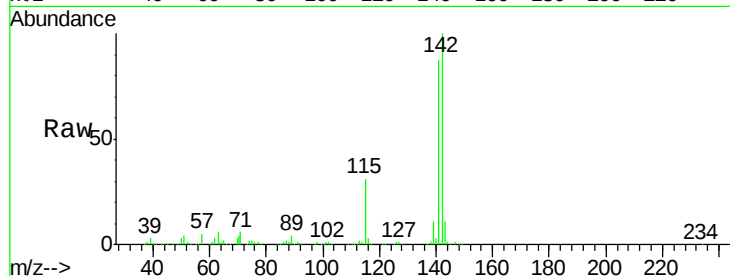




#37
2-Methylnaphthalene
Concen: 43.695 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

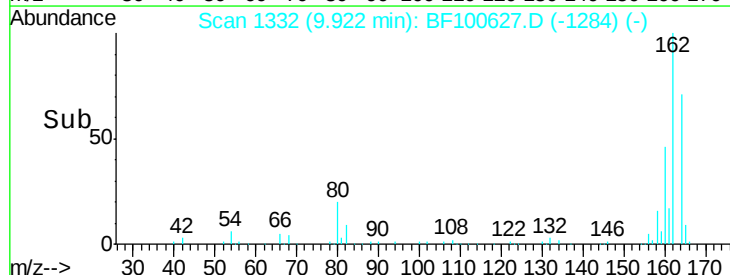
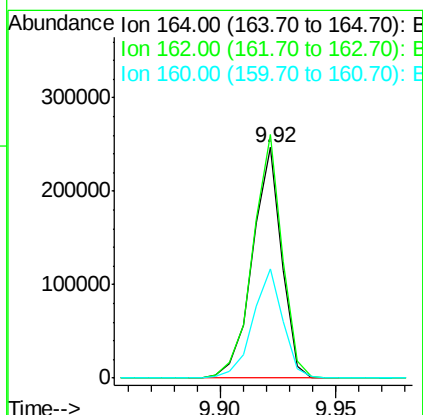
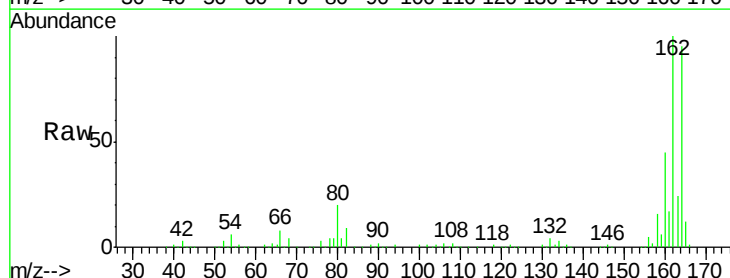
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

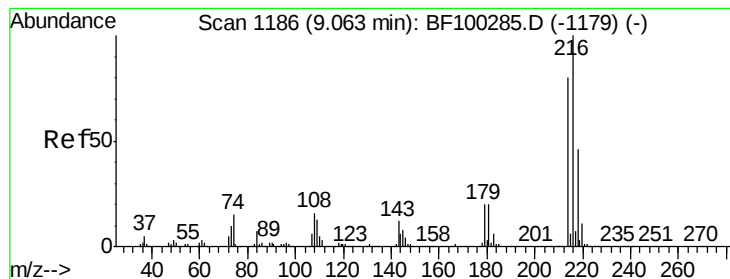
Tgt Ion:142 Resp: 655306
Ion Ratio Lower Upper
142 100
141 87.4 70.8 106.2
115 31.3 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:164 Resp: 218245
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 47.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.909 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

Tgt Ion:216 Resp: 296100

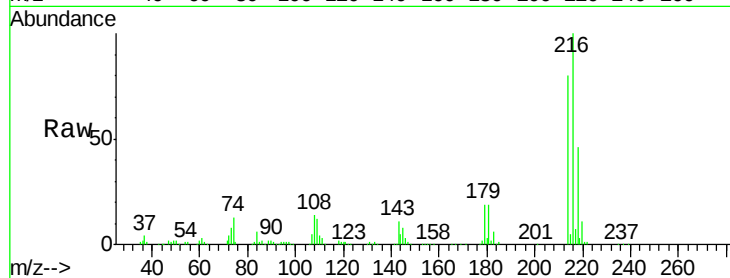
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 19.7 18.1 27.1

108 18.0 17.2 25.8

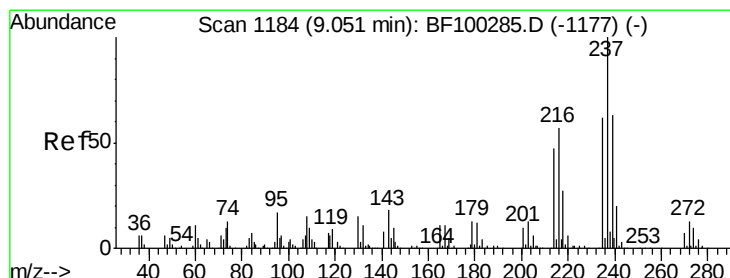
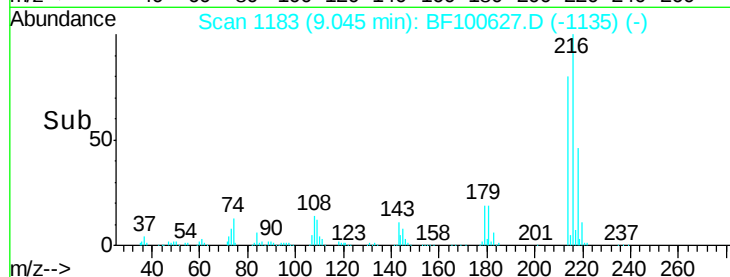
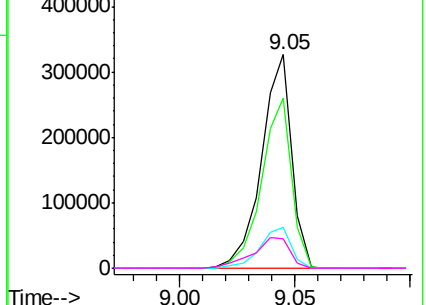


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.908 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

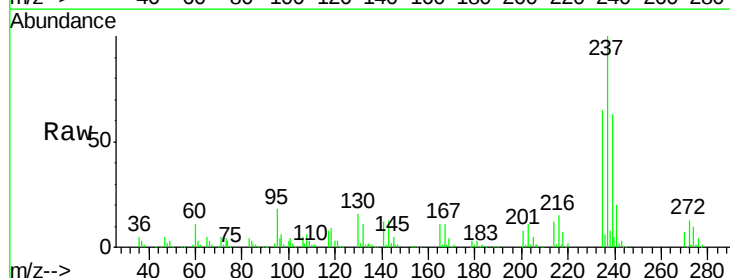
Tgt Ion:237 Resp: 272216

Ion Ratio Lower Upper

237 100

235 65.1 44.8 84.8

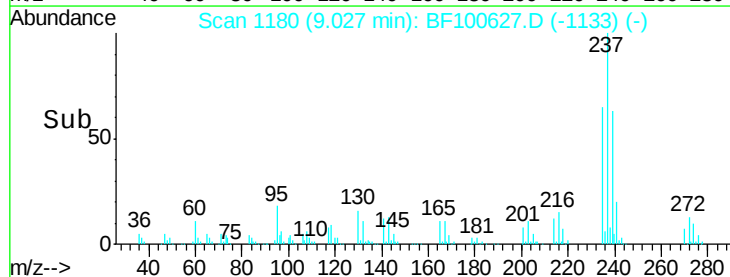
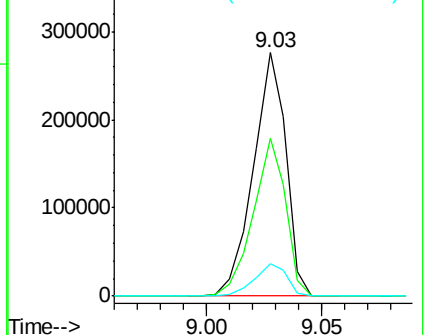
272 13.3 0.0 33.3

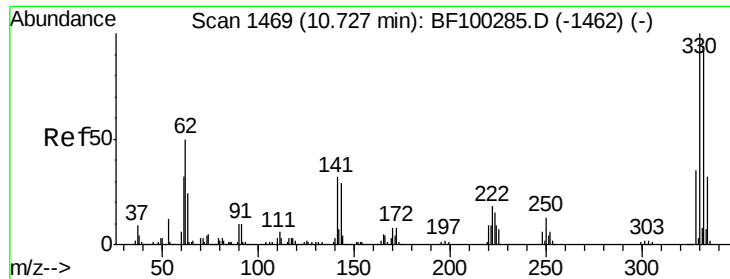


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

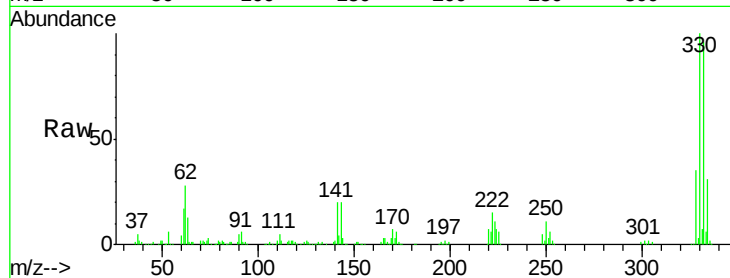




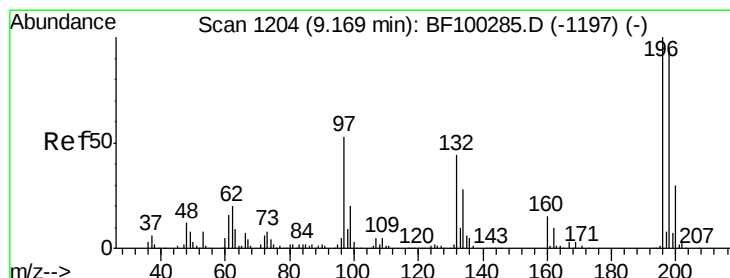
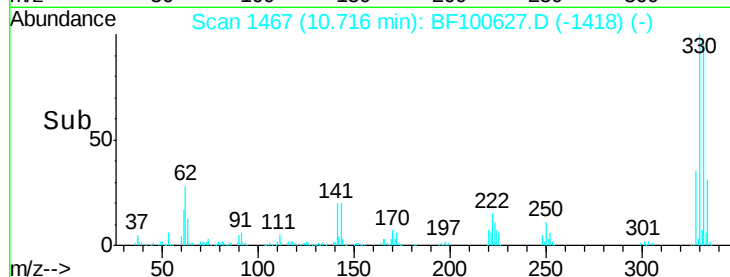
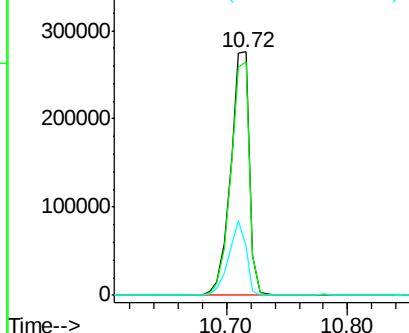
#41
 2,4,6-Tribromophenol
 Concen: 133.134 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	28.7	29.9	44.9#

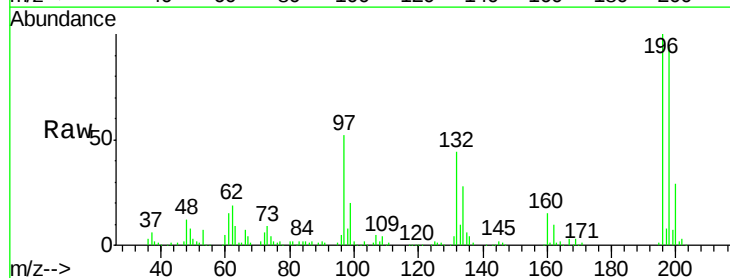


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

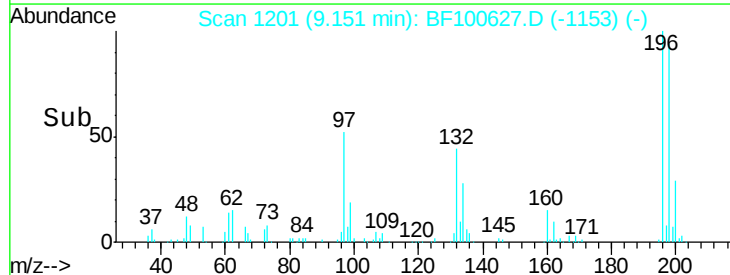
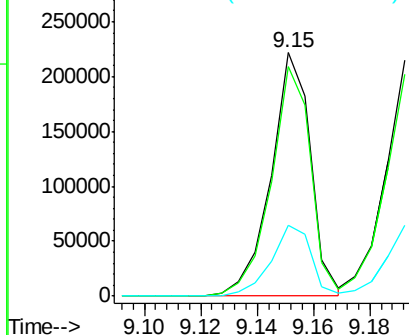


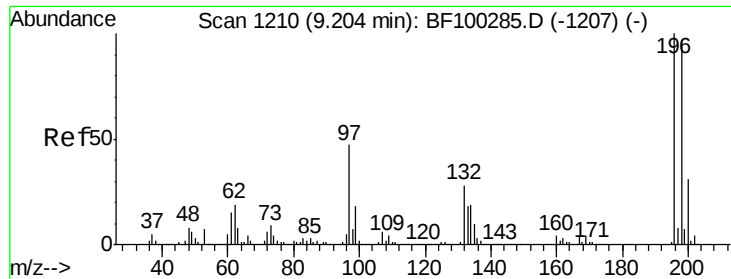
#42
 2,4,6-Trichlorophenol
 Concen: 46.854 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
200	29.1	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

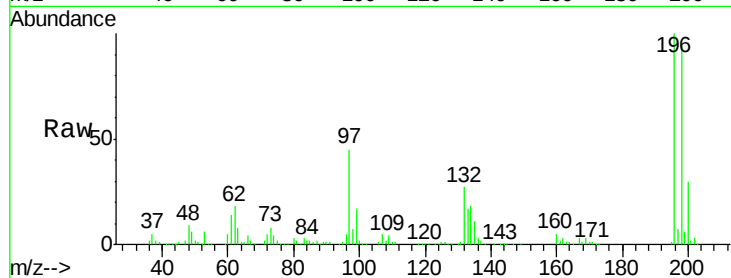




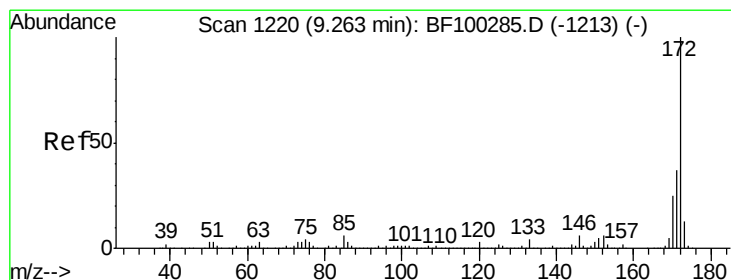
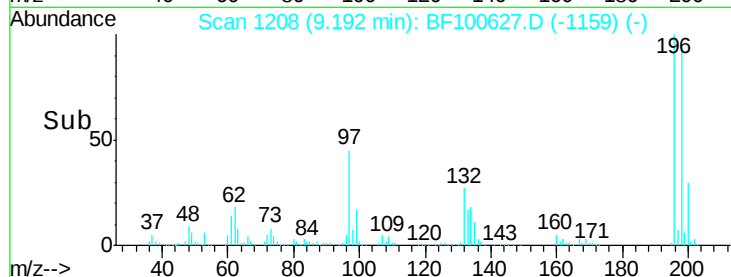
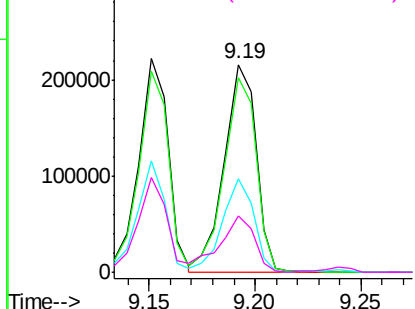
#43
 2,4,5-Trichlorophenol
 Concen: 47.540 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tgt Ion:	196	Resp:	225951
Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	45.2	42.9	64.3
132	27.4	26.3	39.5

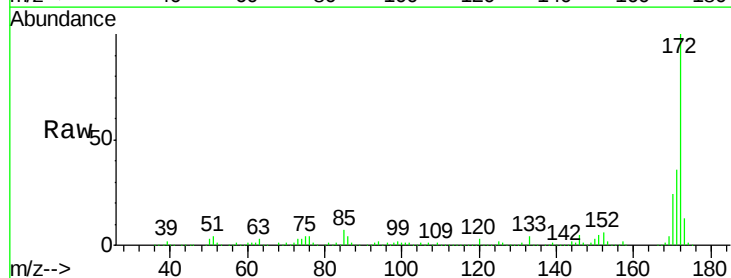


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

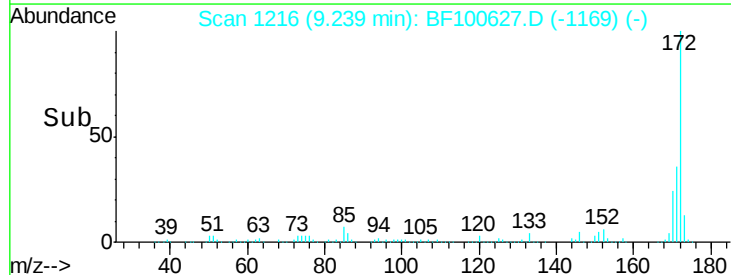
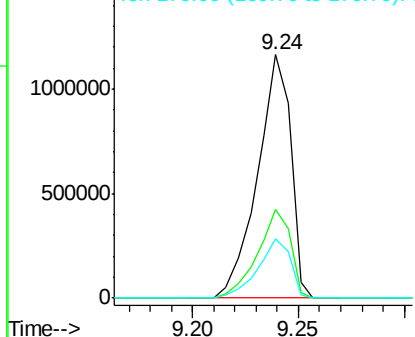


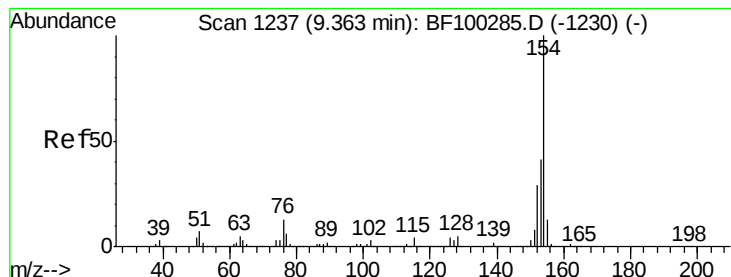
#44
 2-Fluorobiphenyl
 Concen: 88.591 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion:	172	Resp:	1269743
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	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: 40.978 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

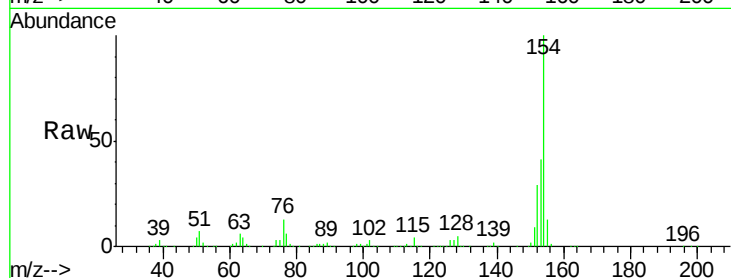
Tgt Ion:154 Resp: 773505

Ion Ratio Lower Upper

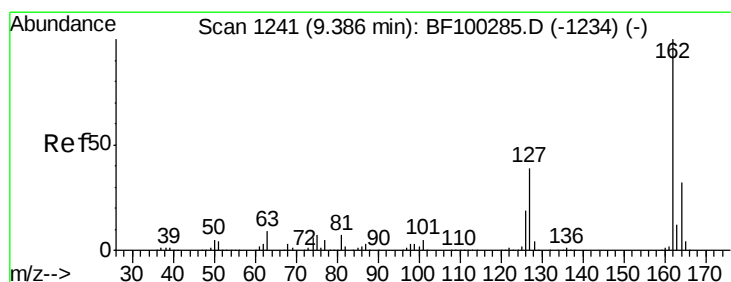
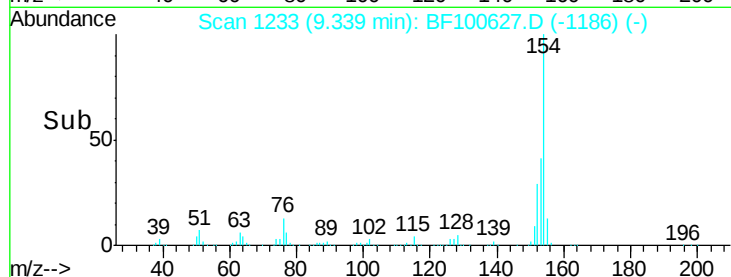
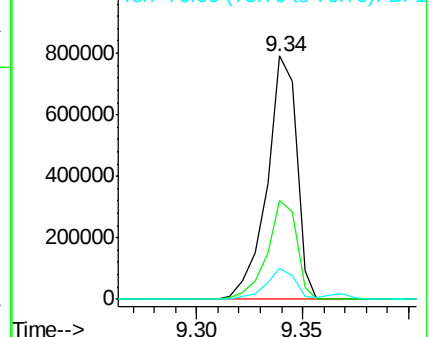
154 100

153 40.6 21.3 61.3

76 12.9 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: 44.220 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

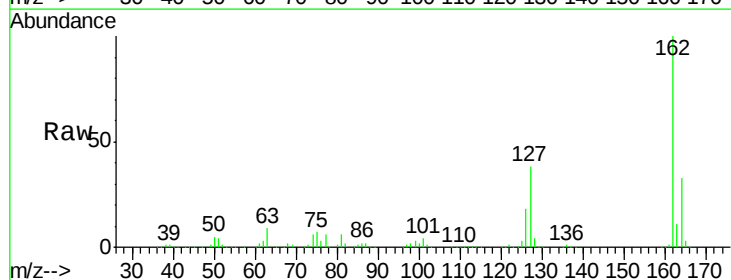
Tgt Ion:162 Resp: 605542

Ion Ratio Lower Upper

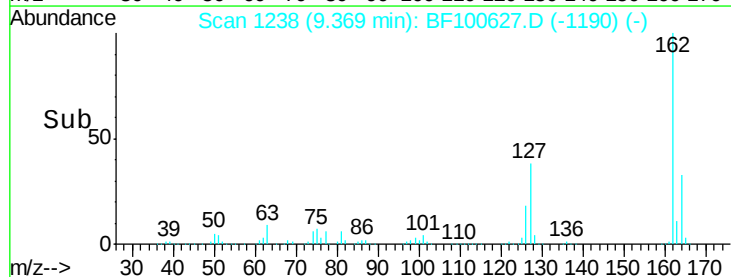
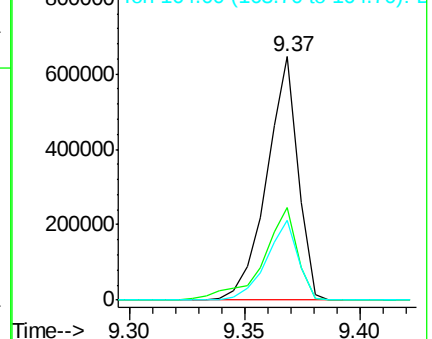
162 100

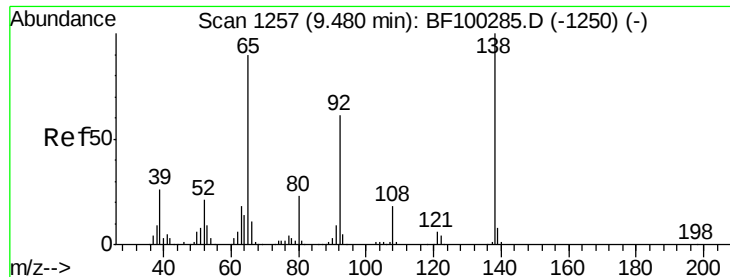
127 38.0 33.9 50.9

164 32.5 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

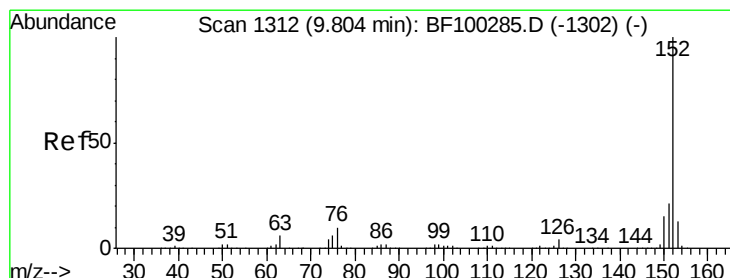
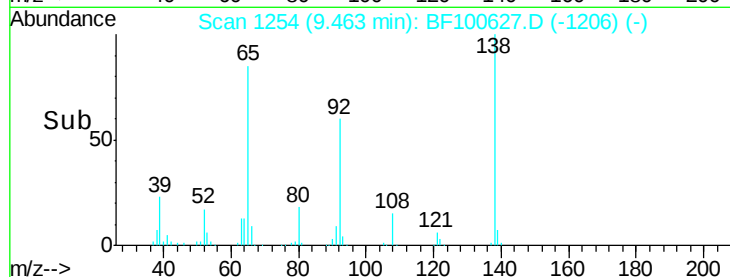
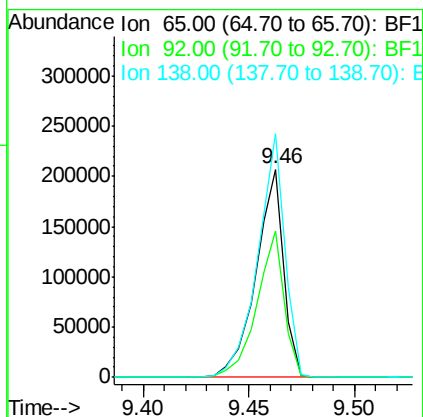
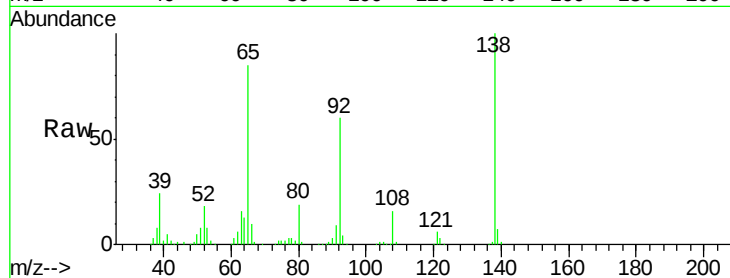




#47
2-Nitroaniline
Concen: 46.601 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

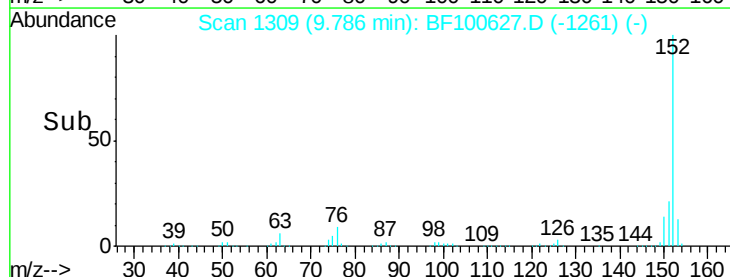
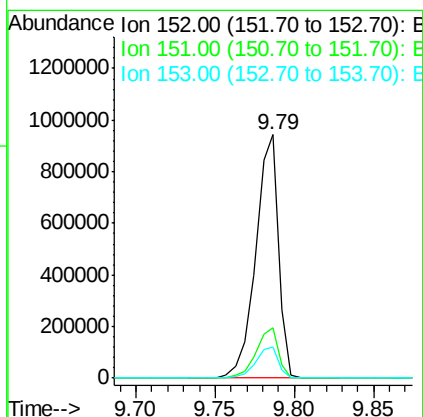
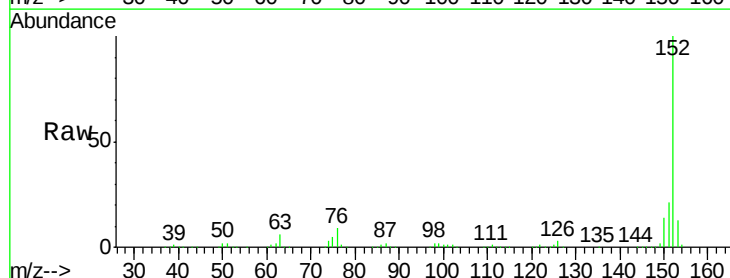
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

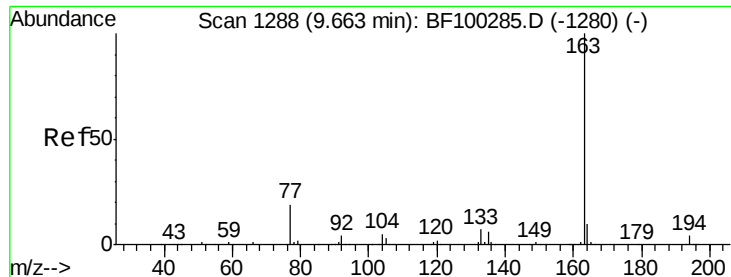
Tgt Ion: 65 Resp: 188215
Ion Ratio Lower Upper
65 100
92 70.2 55.8 83.6
138 117.0 91.2 136.8



#48
Acenaphthylene
Concen: 41.351 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion: 152 Resp: 938420
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.0 10.7 16.1

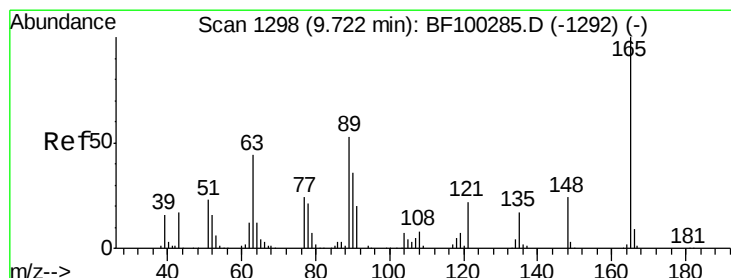
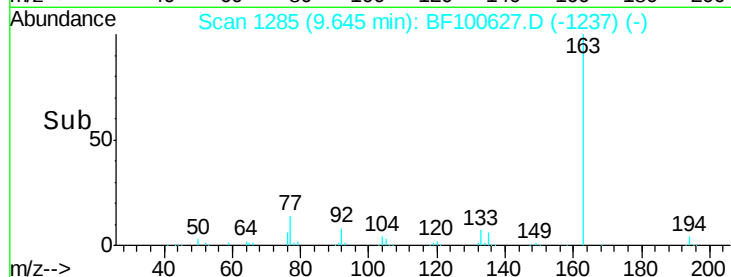
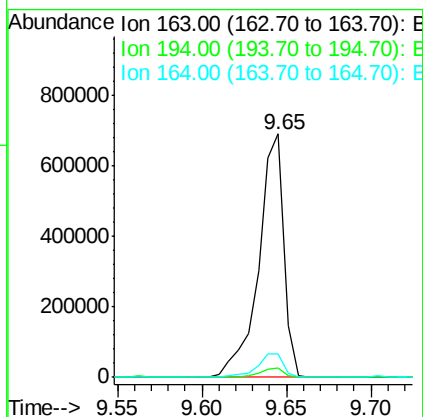
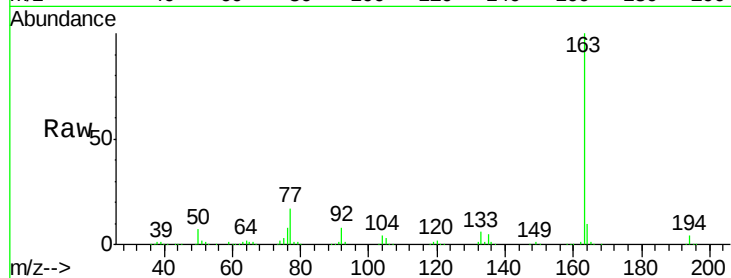




#49
Dimethylphthalate
Concen: 42.796 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

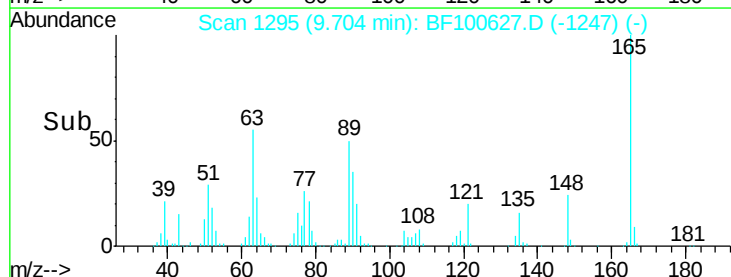
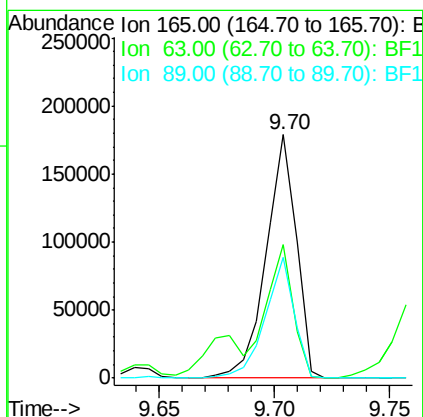
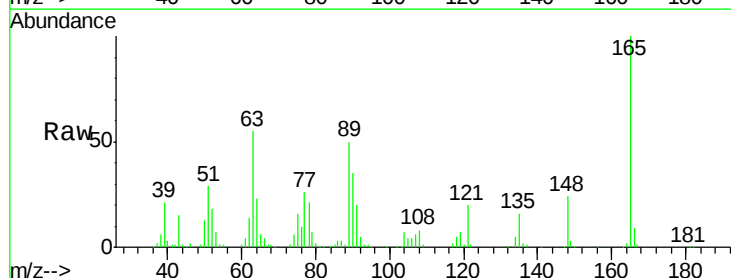
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

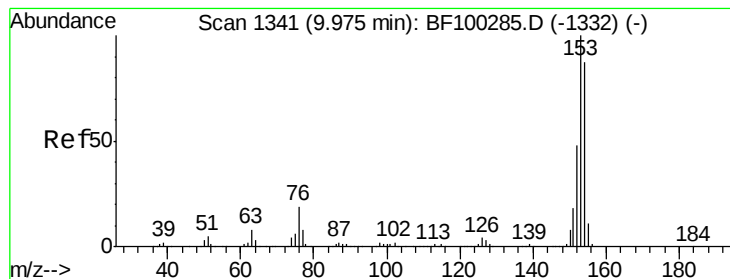
Tgt Ion:163 Resp: 713127
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 49.129 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:165 Resp: 162047
Ion Ratio Lower Upper
165 100
63 54.6 44.7 67.1
89 49.7 44.0 66.0





#51

Acenaphthene

Concen: 40.998 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

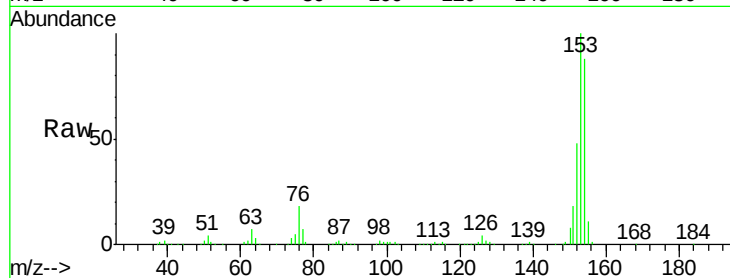
Tgt Ion:154 Resp: 565848

Ion Ratio Lower Upper

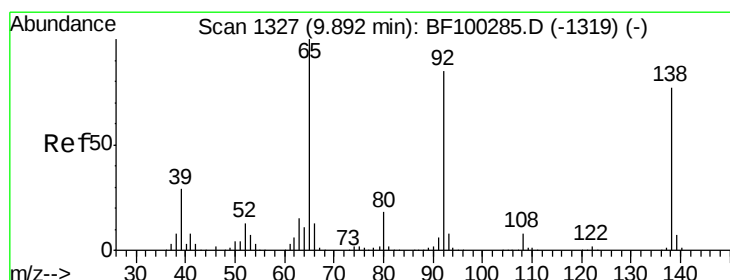
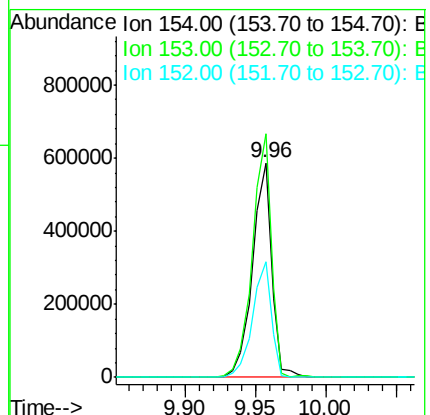
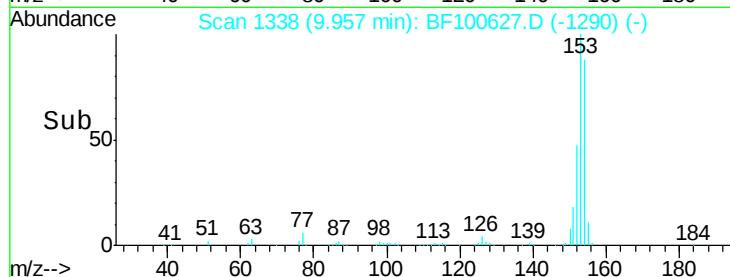
154 100

153 113.6 91.2 136.8

152 54.2 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: 28.927 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

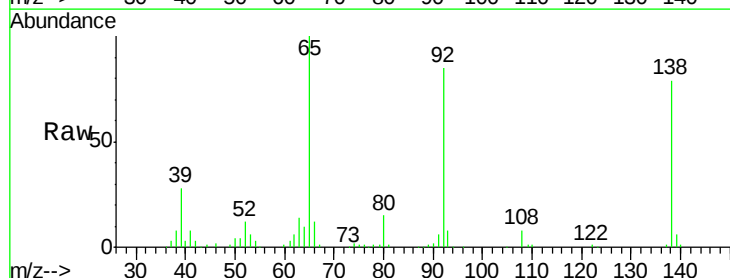
Tgt Ion:138 Resp: 112668

Ion Ratio Lower Upper

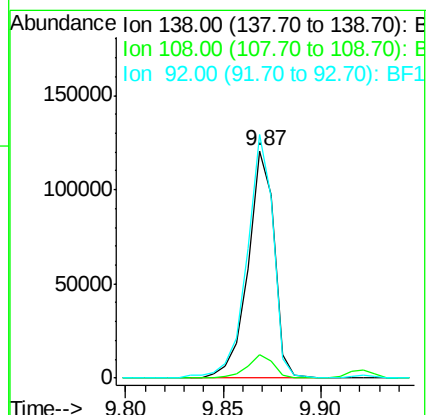
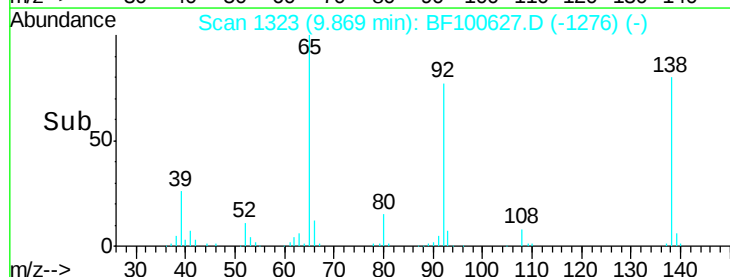
138 100

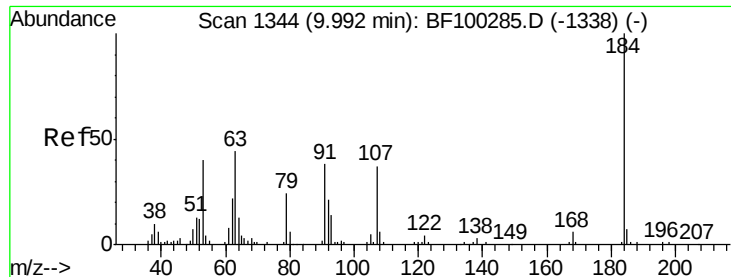
108 10.4 9.4 14.0

92 107.0 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

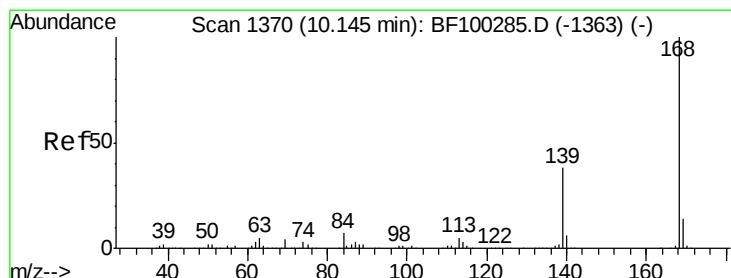
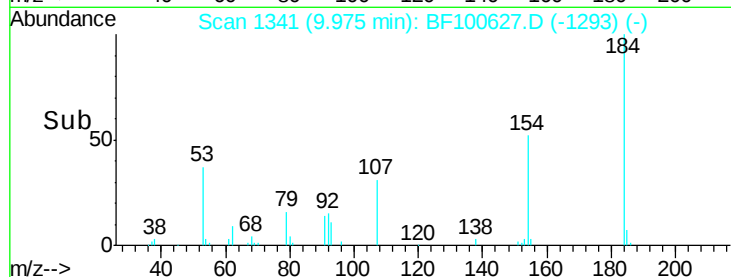
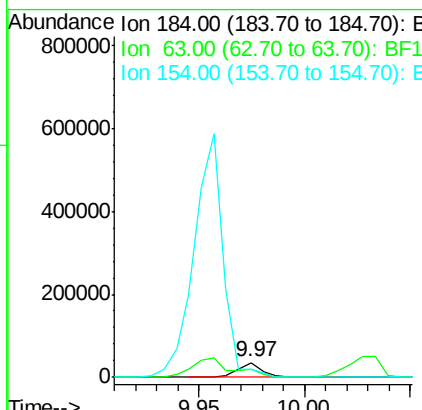
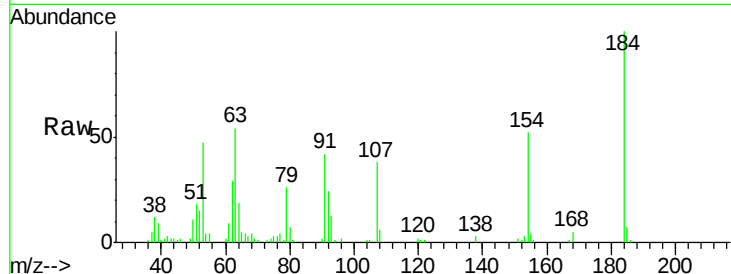




#53
 2,4-Dinitrophenol
 Concen: 30.633 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

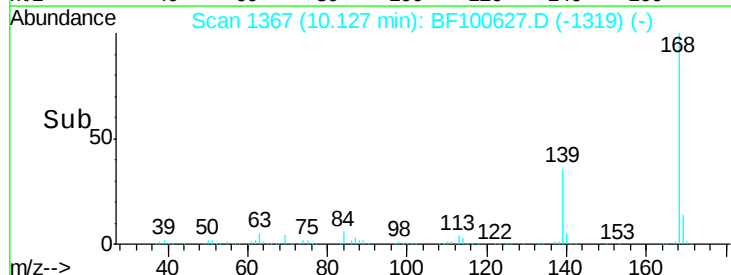
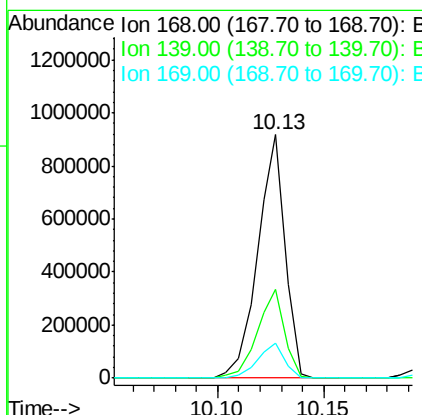
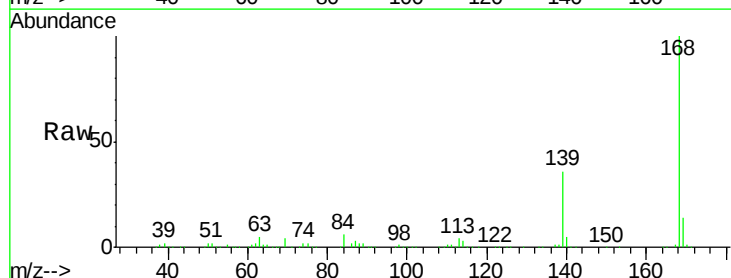
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

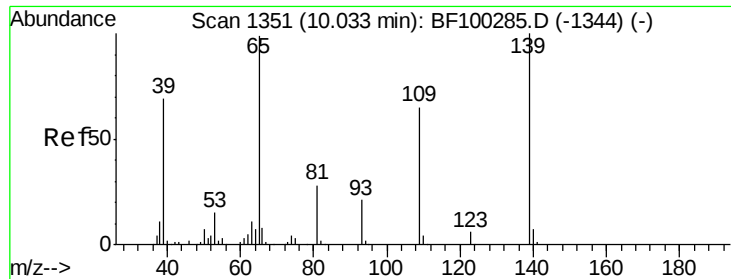
Tgt Ion:184 Resp: 27698
 Ion Ratio Lower Upper
 184 100
 63 53.6 54.2 81.2#
 154 51.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.588 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion:168 Resp: 823841
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.1 45.1
 169 14.2 10.9 16.3

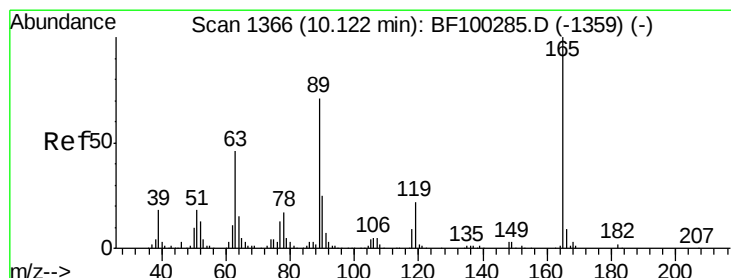
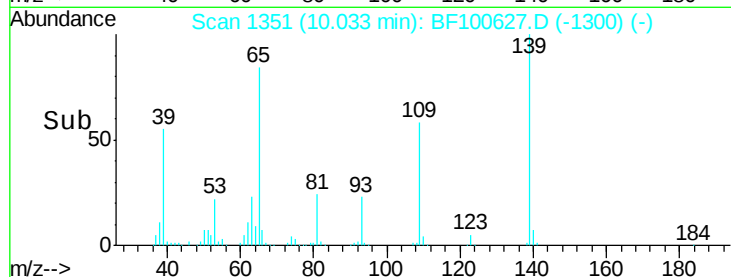
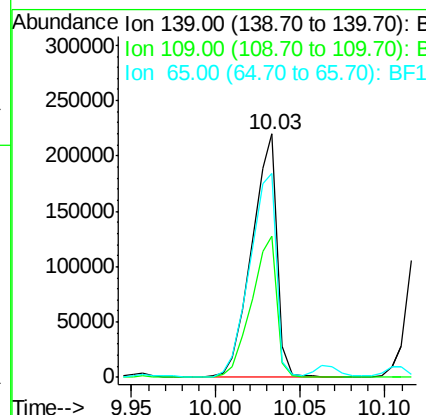
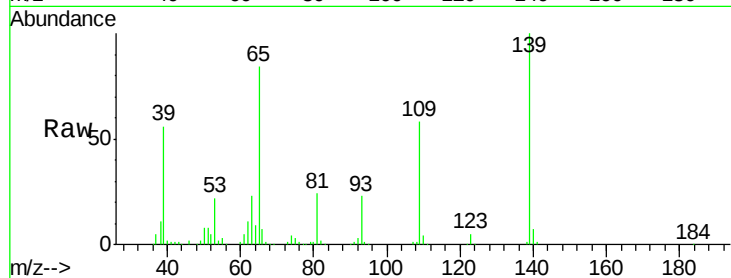




#55
4-Nitrophenol
Concen: 72.726 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

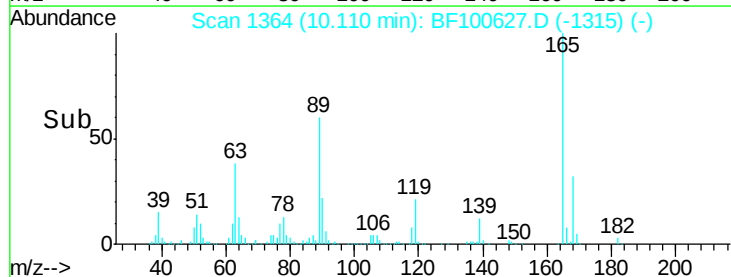
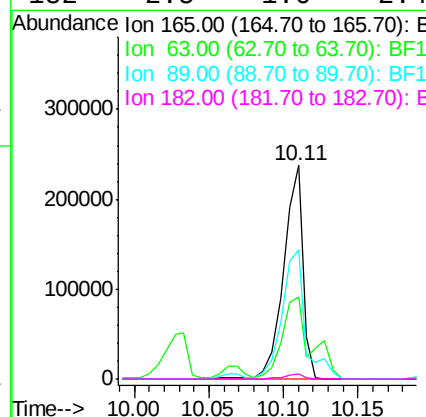
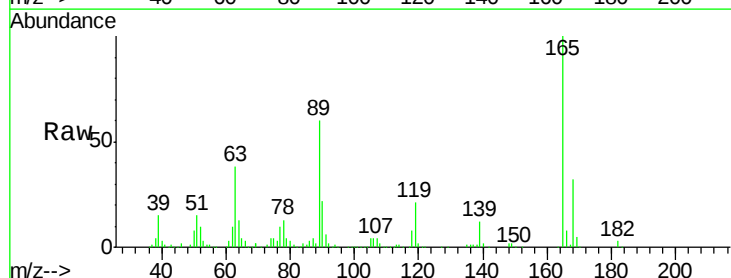
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

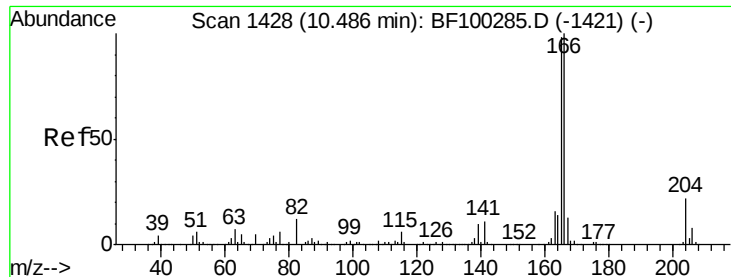
Tgt Ion:139 Resp: 230006
Ion Ratio Lower Upper
139 100
109 58.0 48.4 88.4
65 83.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 52.072 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:165 Resp: 216676
Ion Ratio Lower Upper
165 100
63 38.5 36.4 54.6
89 60.4 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 44.806 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

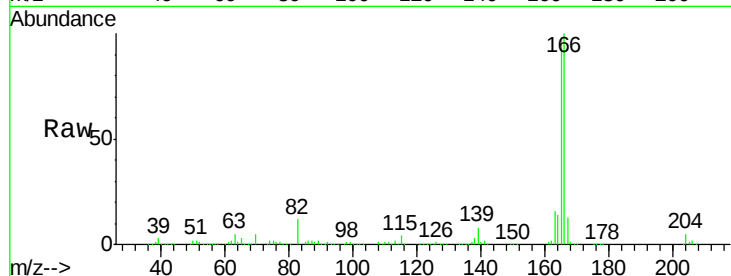
Tgt Ion:166 Resp: 634944

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.8

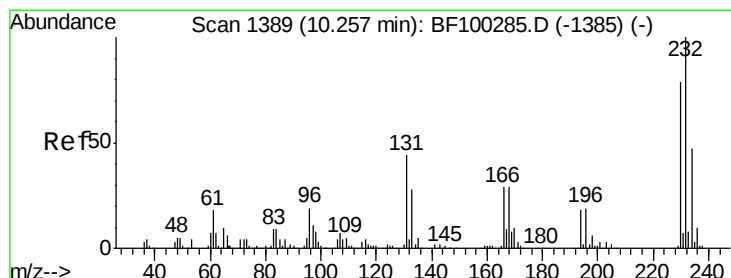
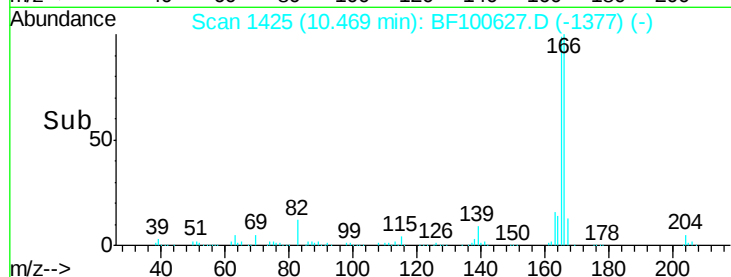
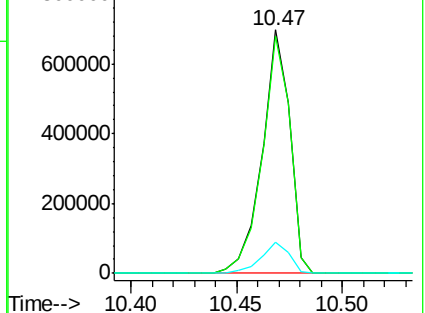
167 12.8 10.6 16.0



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: 45.954 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:232 Resp: 179005

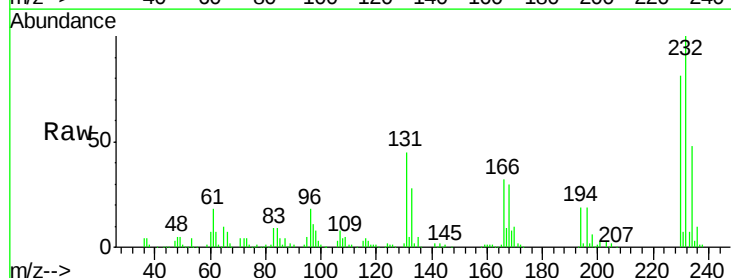
Ion Ratio Lower Upper

232 100

131 42.4 43.8 65.8#

130 1.9 2.1 3.1#

166 29.9 27.8 41.6

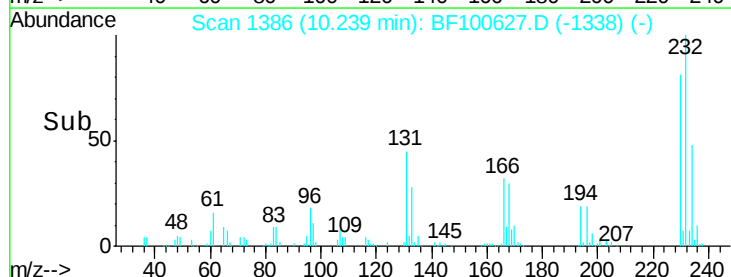
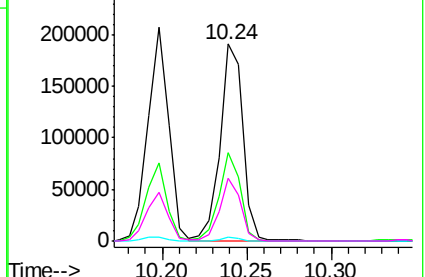


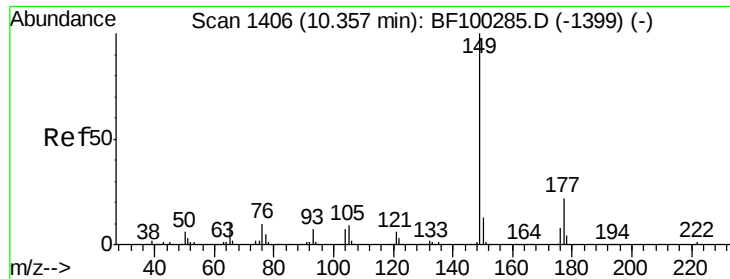
Abundance Ion 232.00 (231.70 to 232.70): E

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

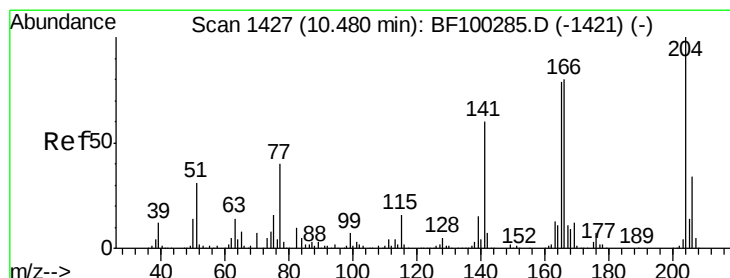
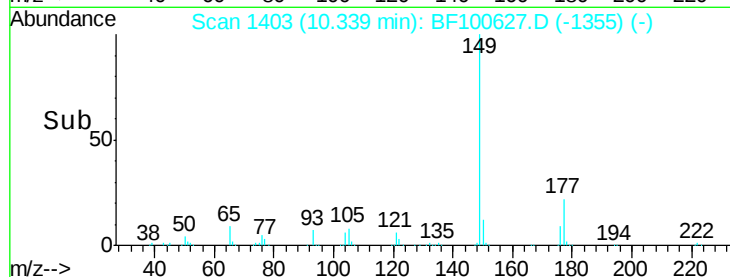
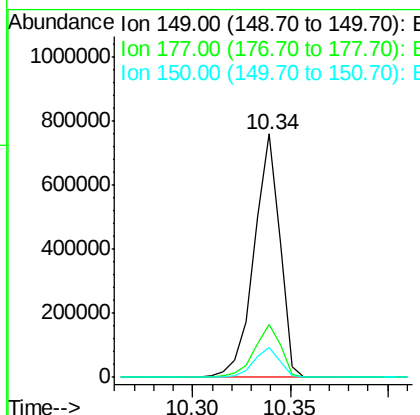
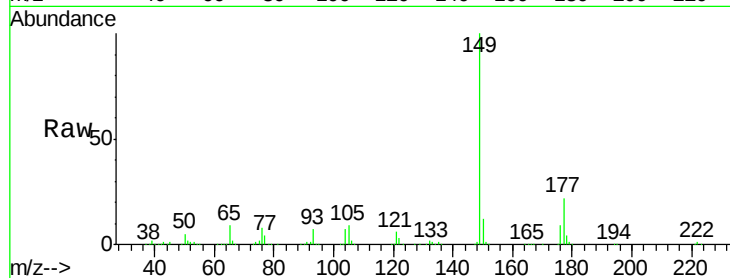




#59
Diethylphthalate
Concen: 41.411 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

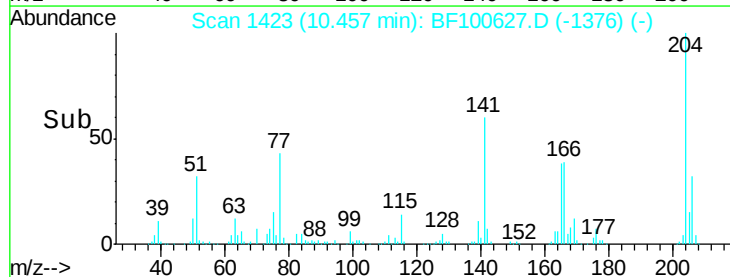
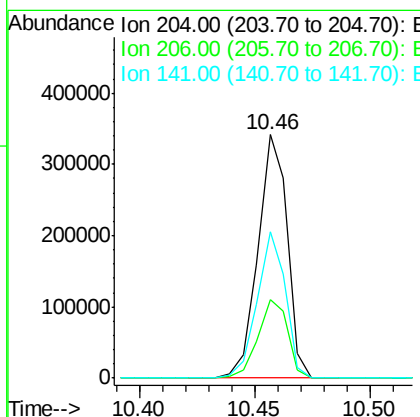
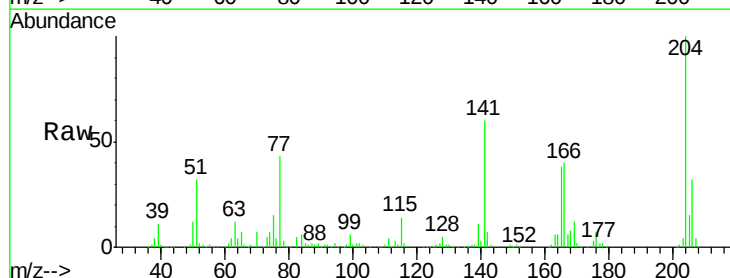
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

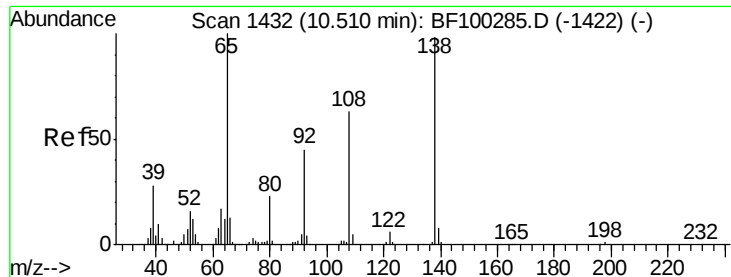
Tgt Ion:149 Resp: 690546
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.442 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:204 Resp: 301998
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 60.3 54.6 81.8

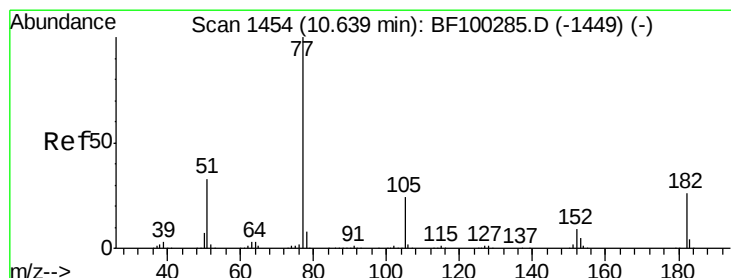
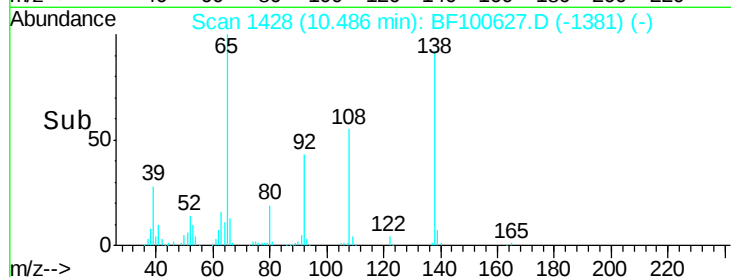
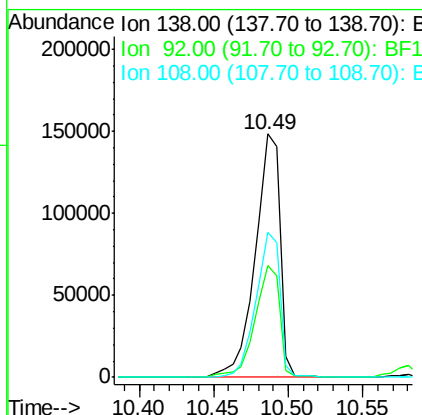
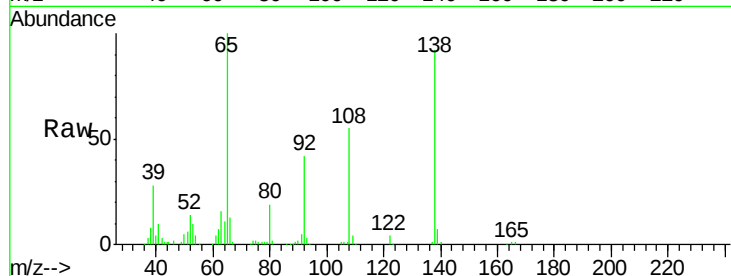




#61
4-Nitroaniline
Concen: 45.982 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

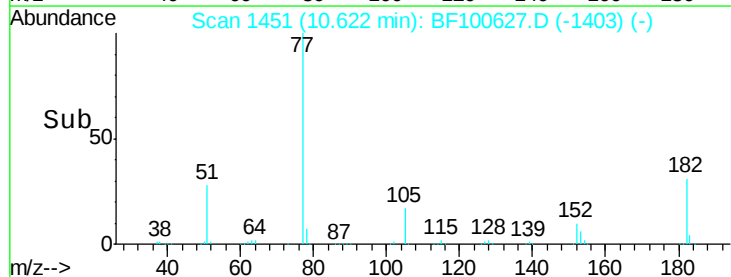
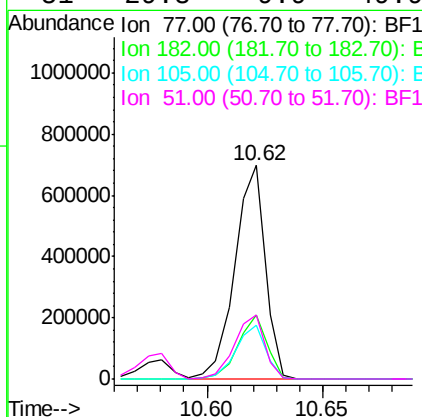
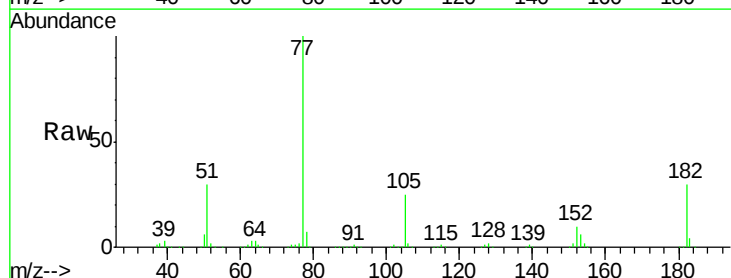
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

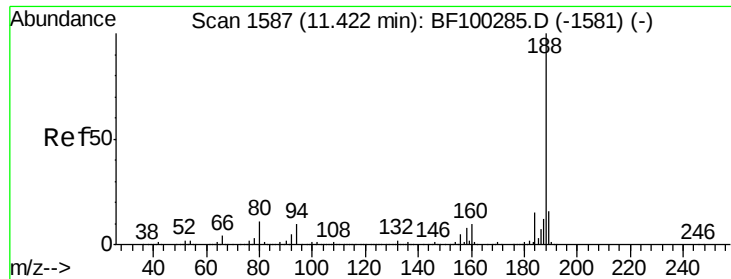
Tgt Ion: 138 Resp: 169822
Ion Ratio Lower Upper
138 100
92 46.1 30.2 70.2
108 59.3 52.5 92.5



#62
Azobenzene
Concen: 40.834 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion: 77 Resp: 641314
Ion Ratio Lower Upper
77 100
182 29.7 1.7 41.7
105 25.2 3.0 43.0
51 29.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

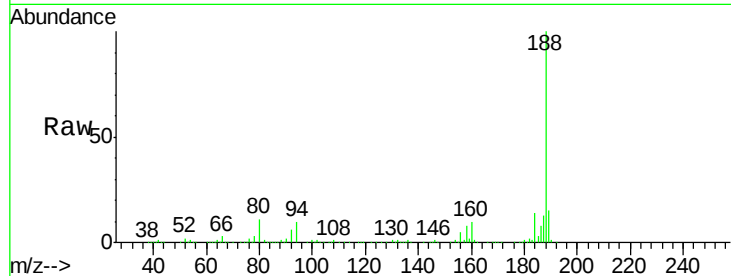
Tgt Ion:188 Resp: 425943

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

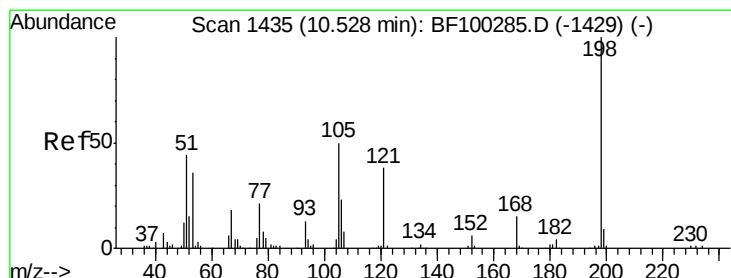
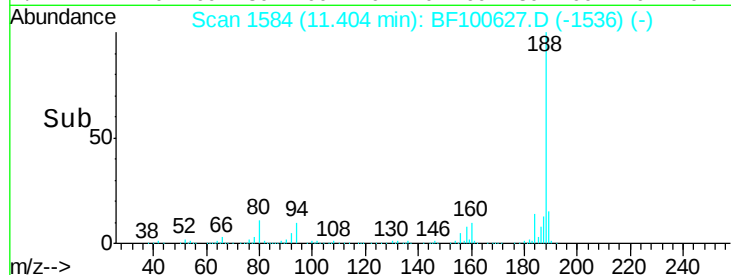
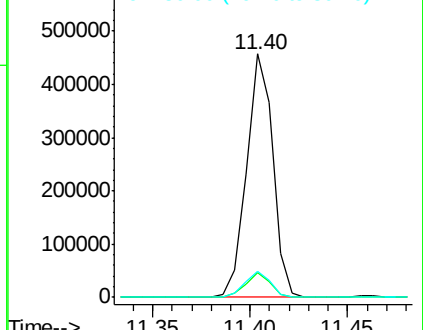
80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 23.619 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

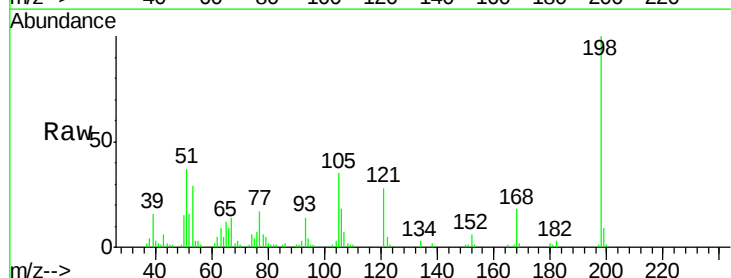
Tgt Ion:198 Resp: 39399

Ion Ratio Lower Upper

198 100

51 37.0 37.7 77.7#

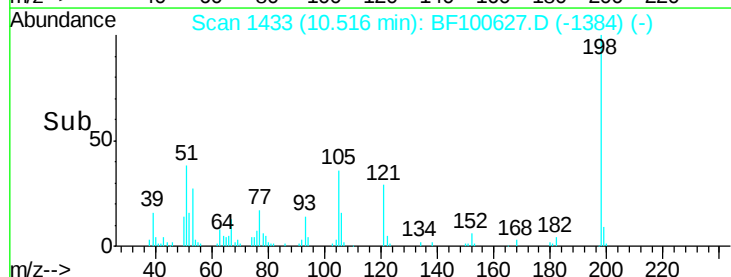
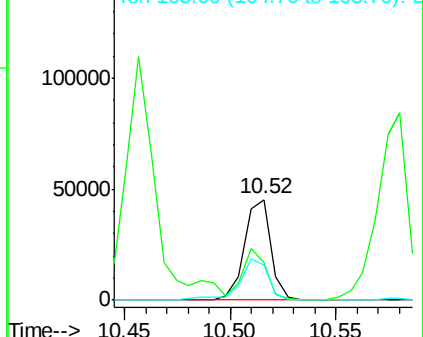
105 34.9 36.3 76.3#

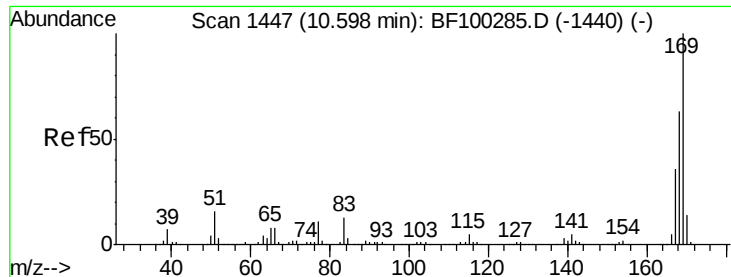


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

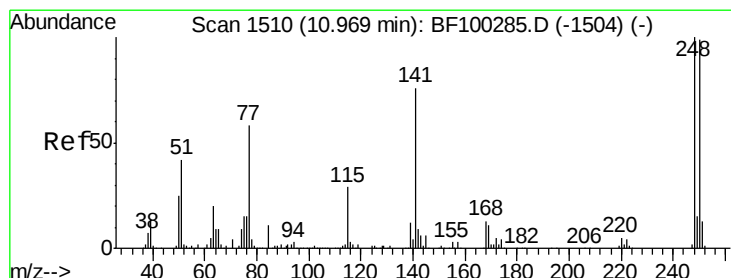
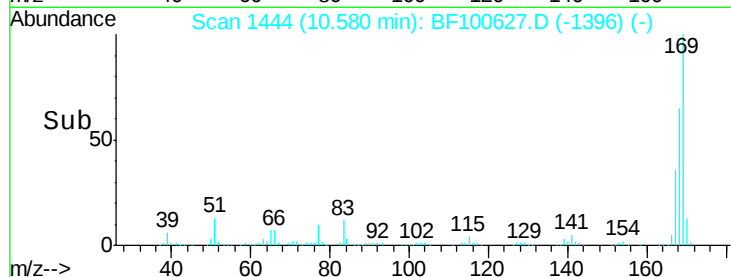
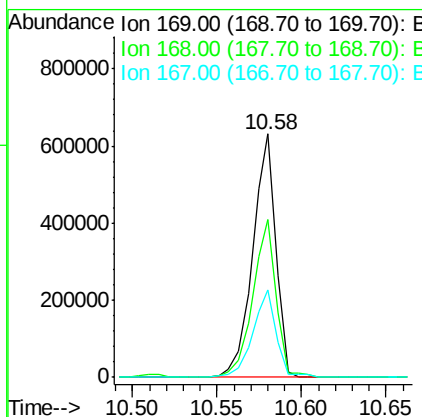
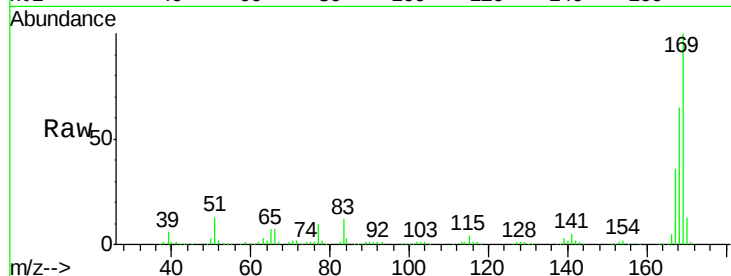




#65
 n-Nitrosodiphenylamine
 Concen: 40.839 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

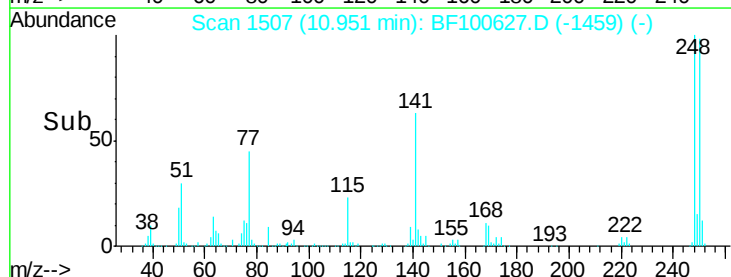
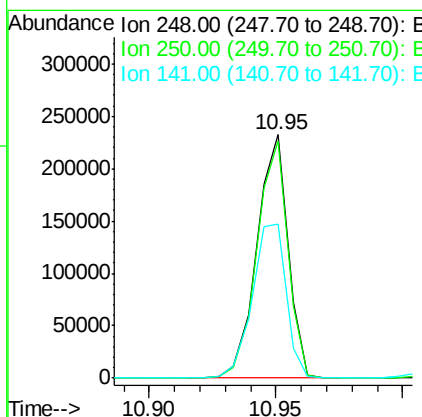
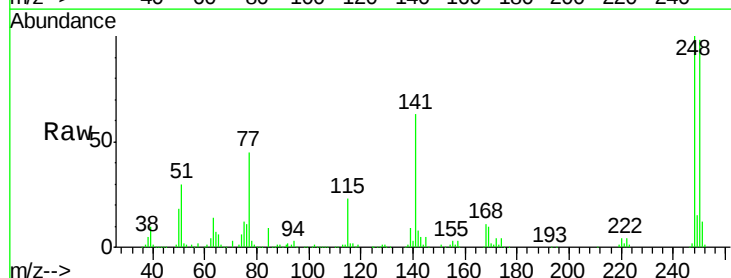
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

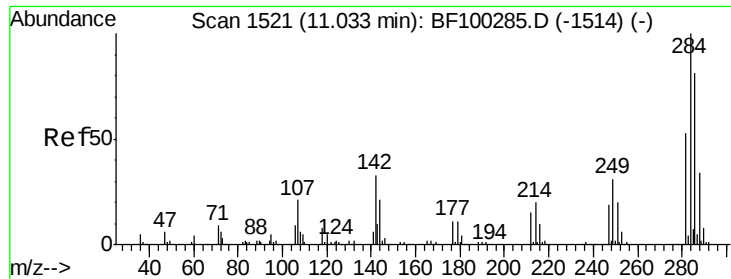
Tgt Ion:169 Resp: 604847
 Ion Ratio Lower Upper
 169 100
 168 64.7 54.4 81.6
 167 35.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.813 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion:248 Resp: 200052
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 63.3 74.4 111.6#

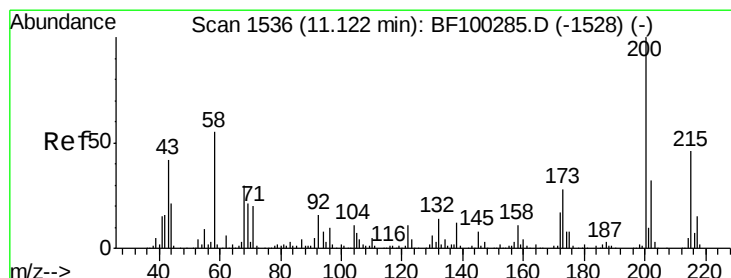
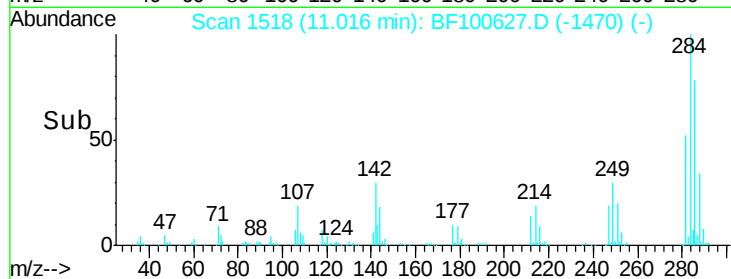
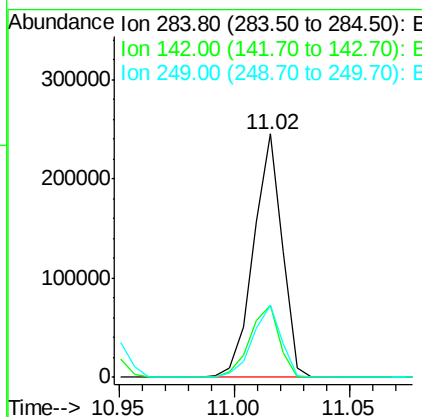
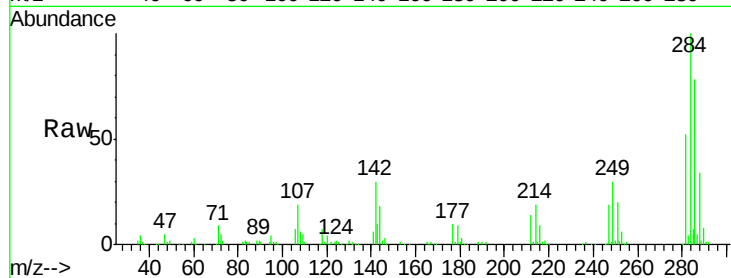




#67
Hexachlorobenzene
Concen: 44.425 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

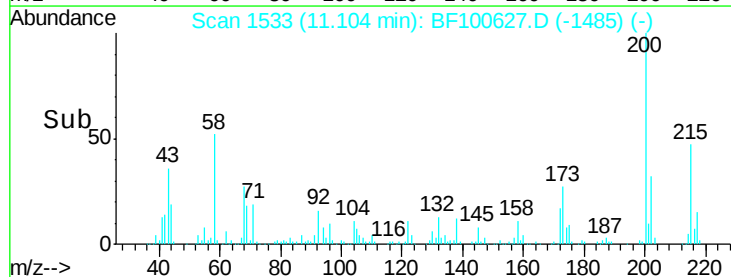
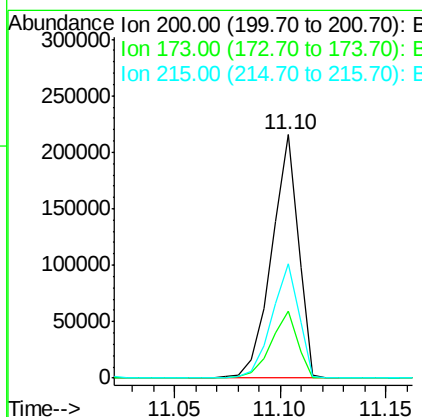
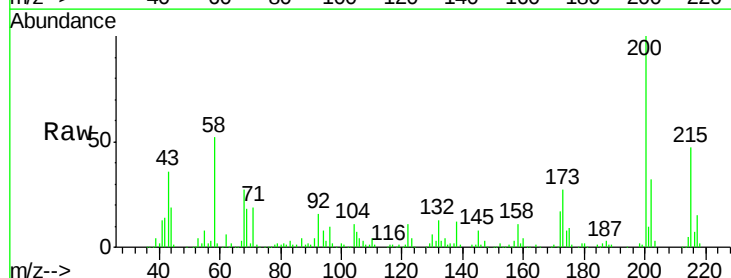
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

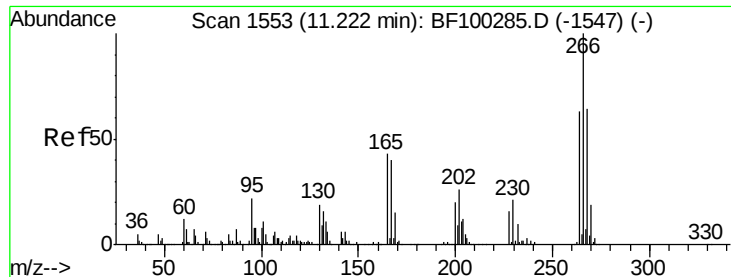
Tgt Ion: 284 Resp: 212153
Ion Ratio Lower Upper
284 100
142 29.6 34.6 52.0#
249 29.8 24.8 37.2



#68
Atrazine
Concen: 42.274 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion: 200 Resp: 189521
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 46.9 25.1 65.1

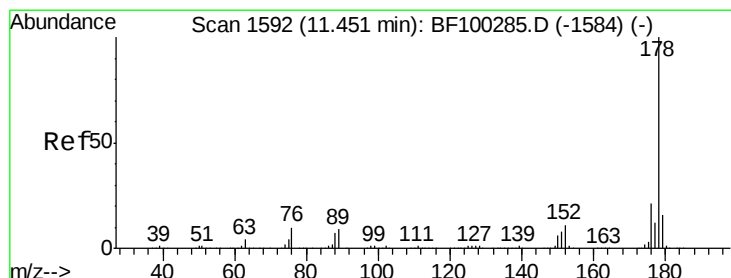
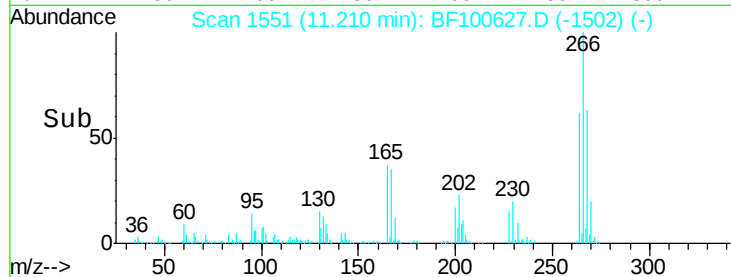
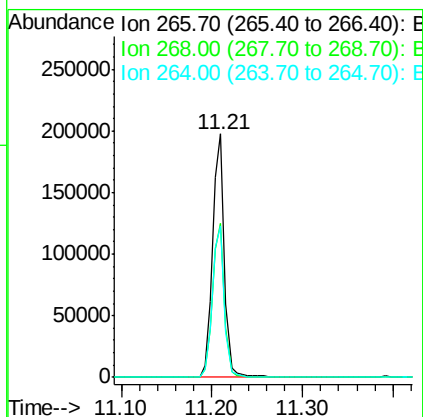
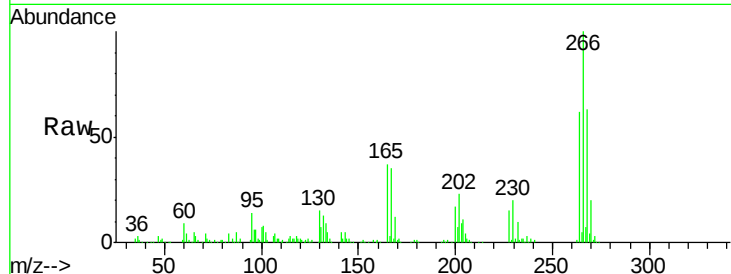




#69
 Pentachlorophenol
 Concen: 53.221 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

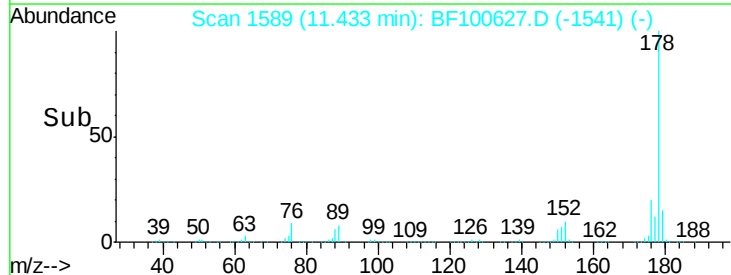
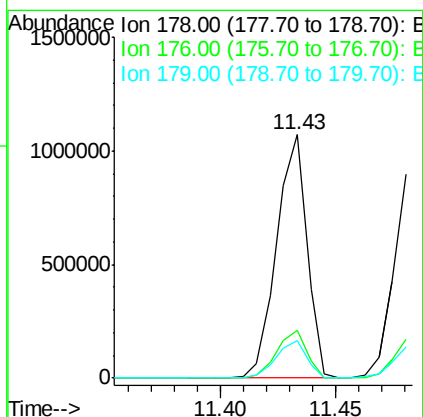
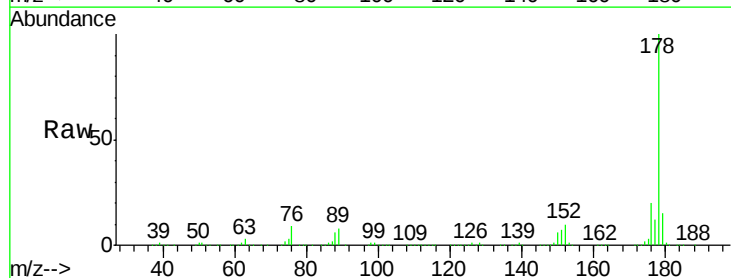
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

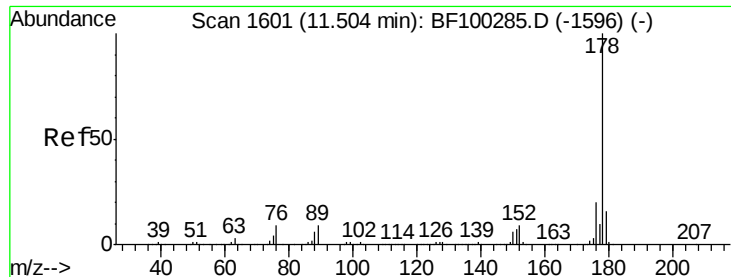
Tgt Ion:266 Resp: 182248
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 43.478 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion:178 Resp: 975062
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 13.0 19.6





#71

Anthracene

Concen: 43.032 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

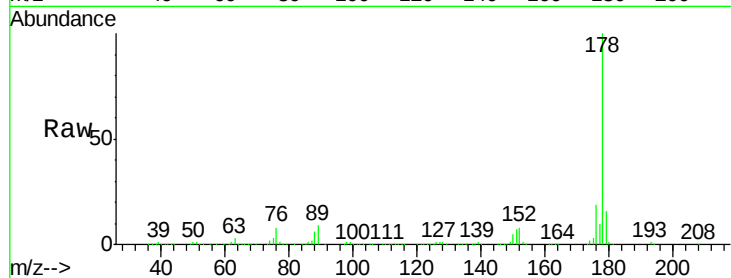
Tgt Ion:178 Resp: 979091

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

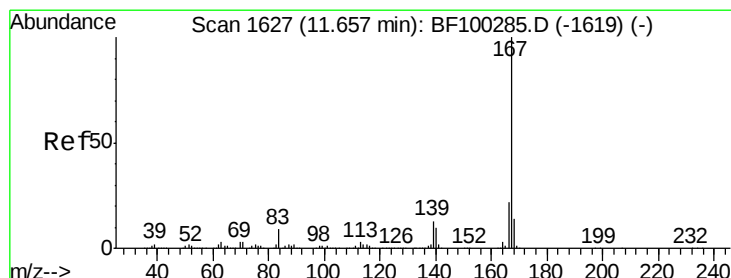
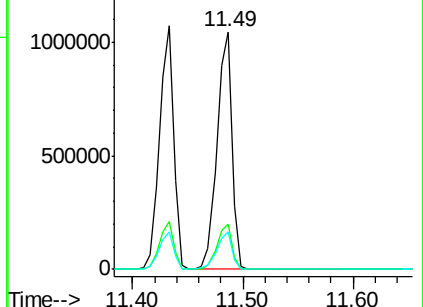
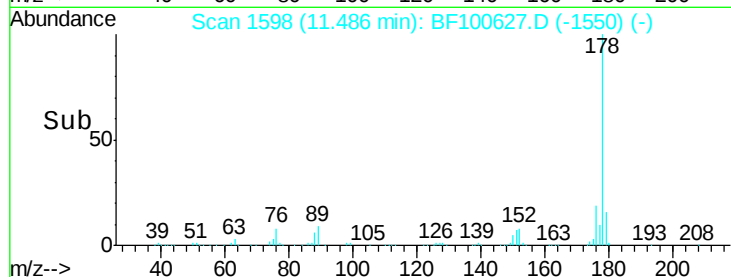
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.898 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

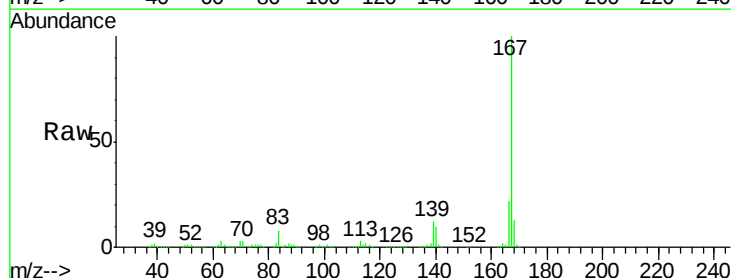
Tgt Ion:167 Resp: 879605

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

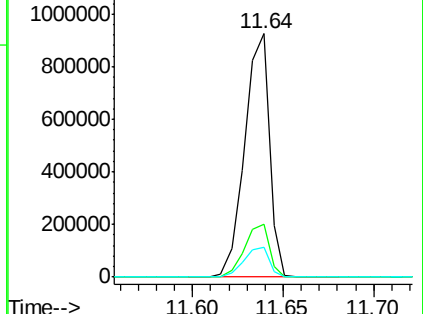
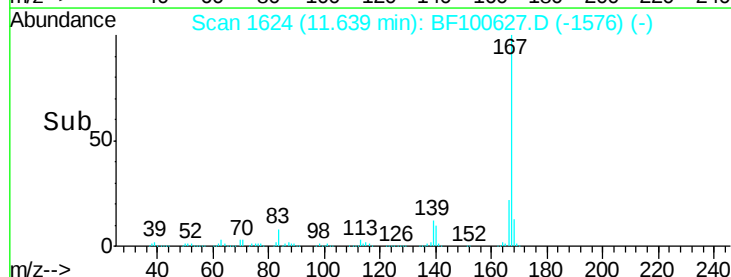
139 12.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

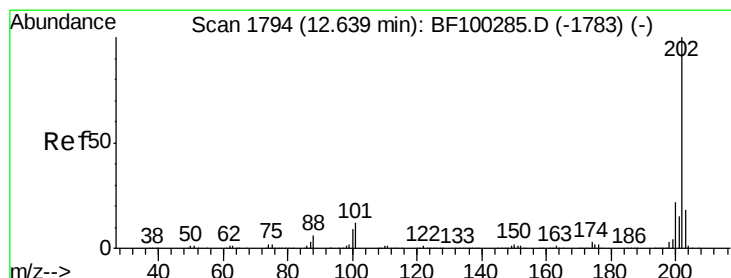
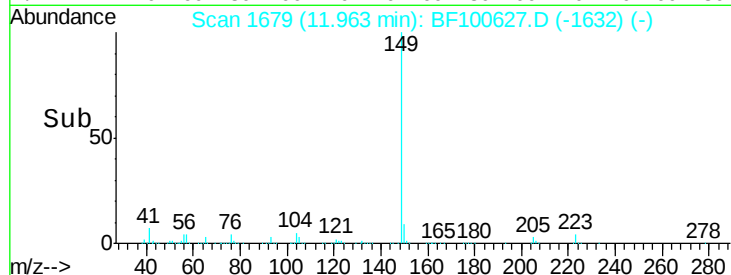
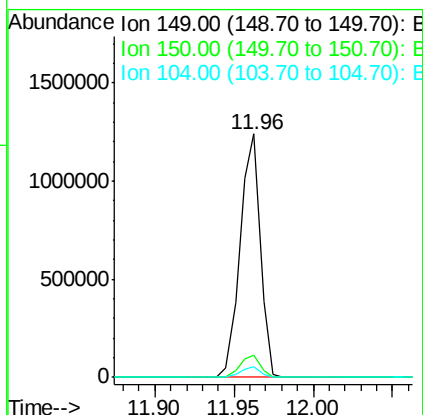
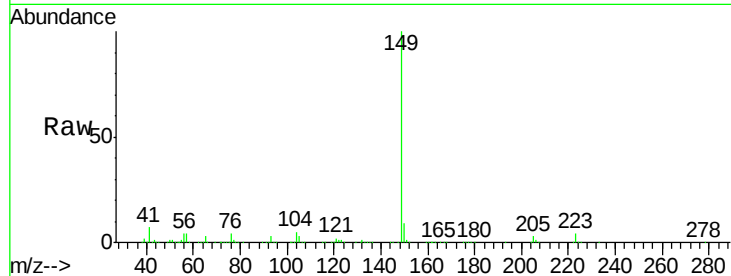




#73
Di-n-butylphthalate
Concen: 44.447 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

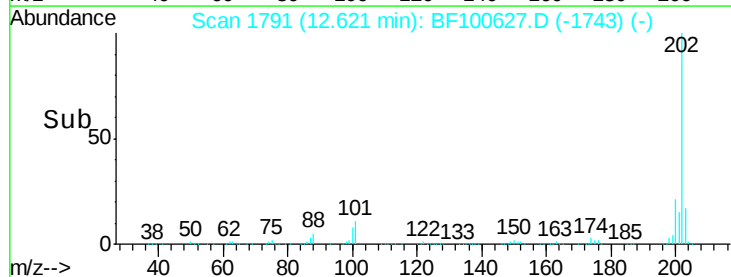
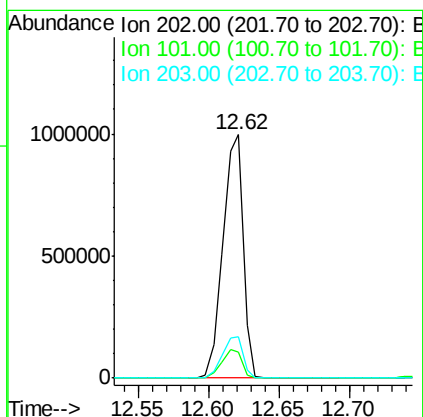
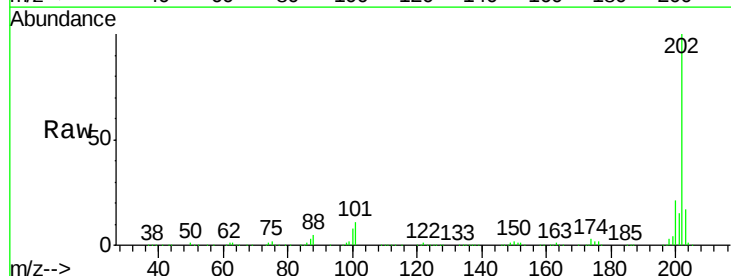
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

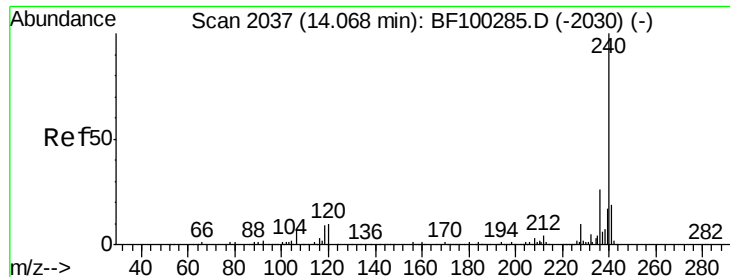
Tgt Ion:149 Resp: 1091973
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 41.753 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion:202 Resp: 992381
Ion Ratio Lower Upper
202 100
101 10.5 0.0 34.1
203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

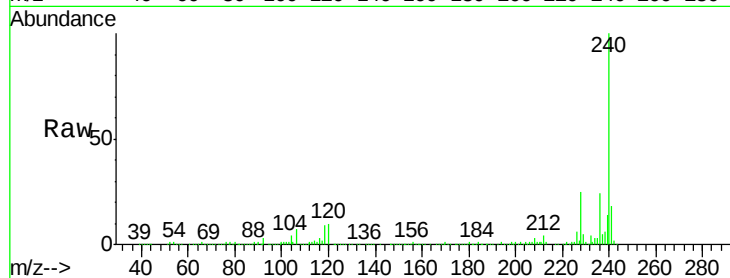
Tgt Ion:240 Resp: 288286

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

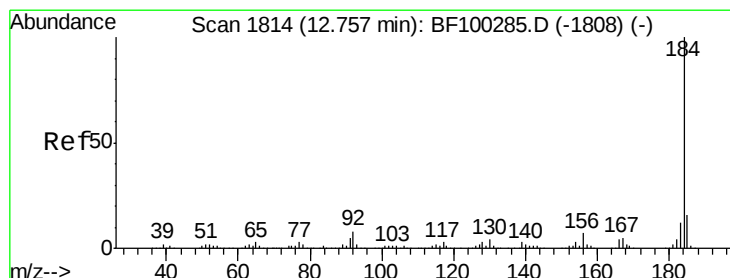
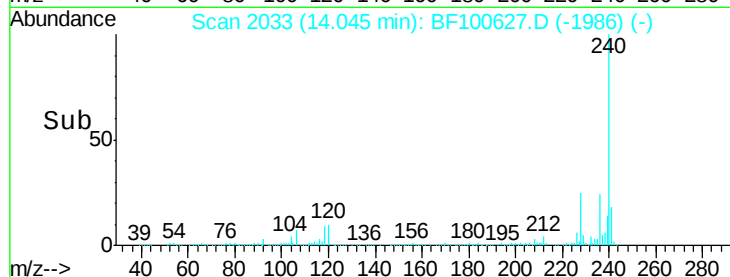
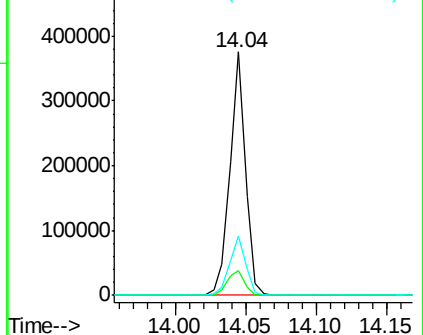
236 24.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 74.625 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

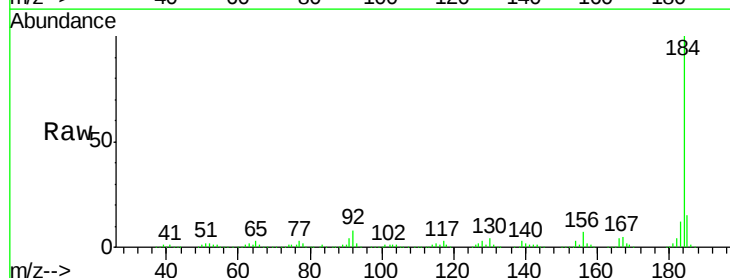
Tgt Ion:184 Resp: 861561

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

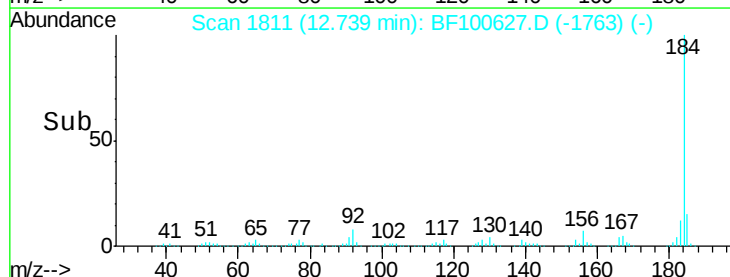
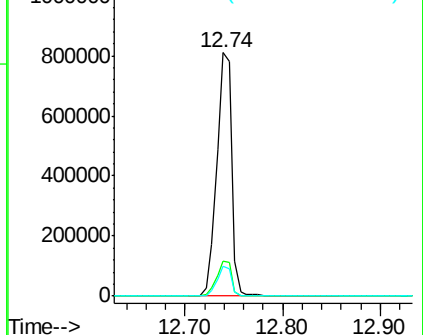
183 12.3 9.3 13.9

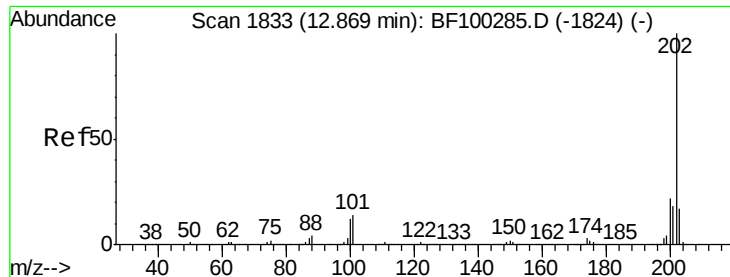


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



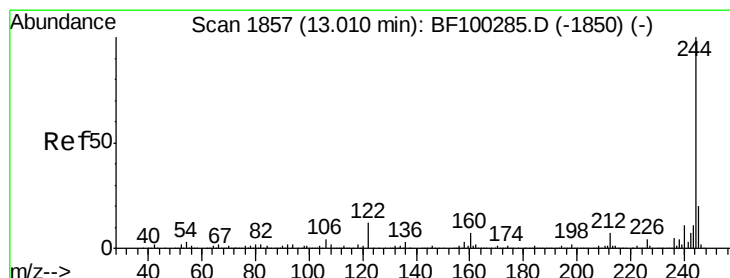
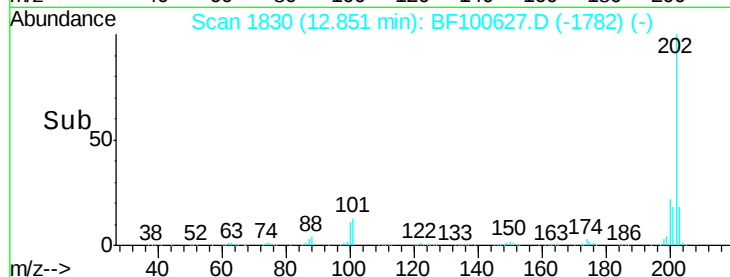
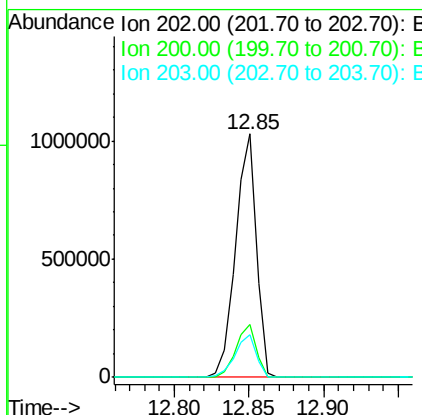
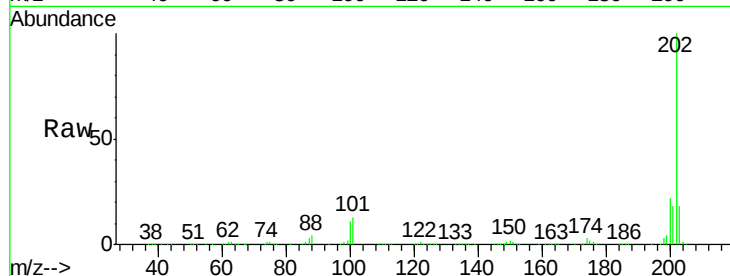


#77
 Pyrene
 Concen: 49.006 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tgt Ion: 202 Resp: 1007087

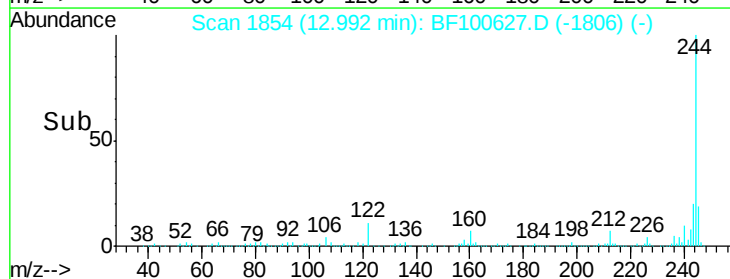
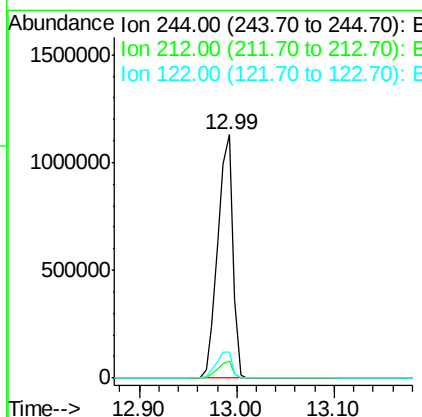
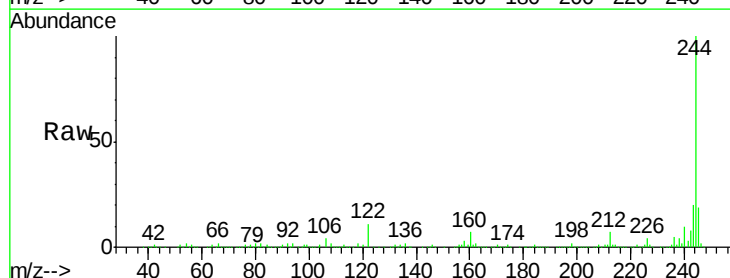
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.7	14.3	21.5

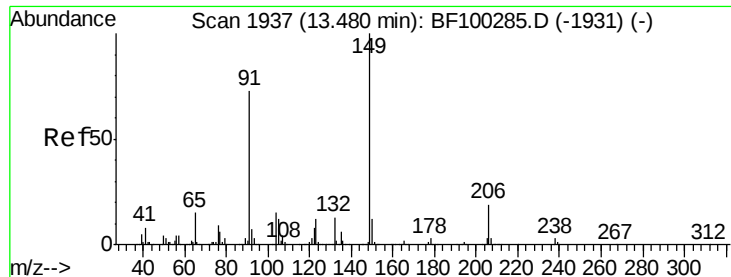


#78
 Terphenyl-d14
 Concen: 96.502 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion: 244 Resp: 1210785

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4#

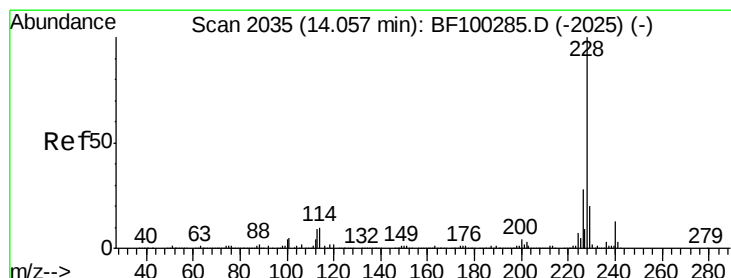
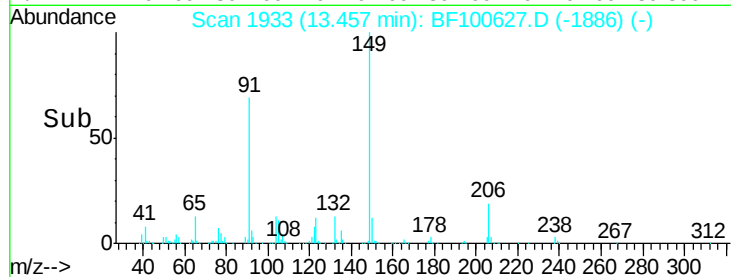
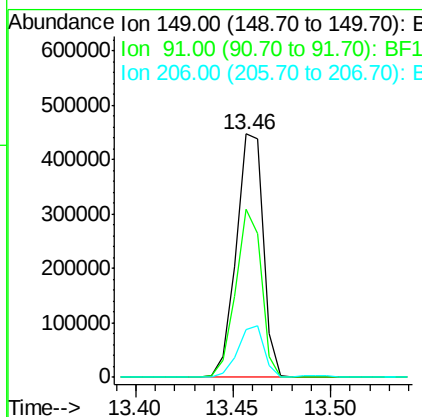
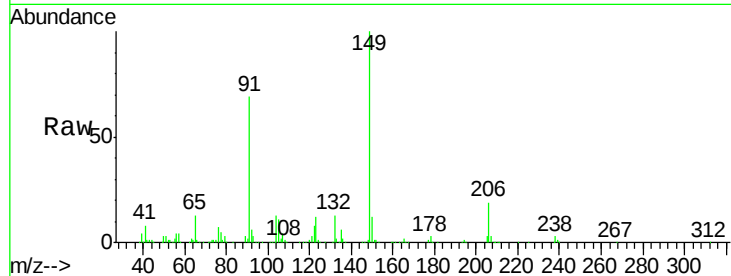




#79
 Butylbenzylphthalate
 Concen: 51.253 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

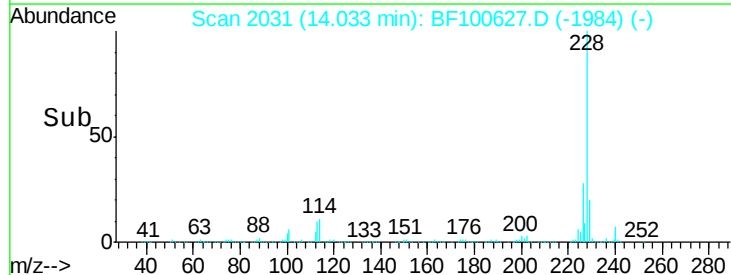
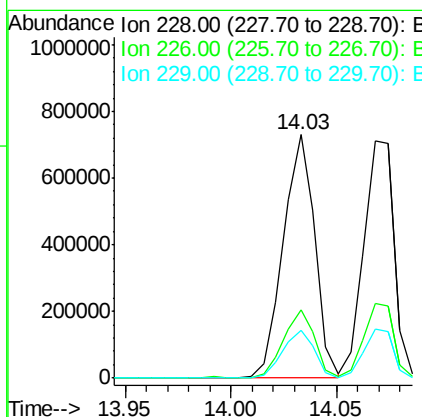
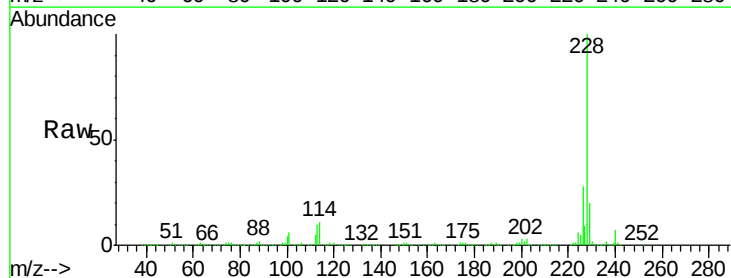
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

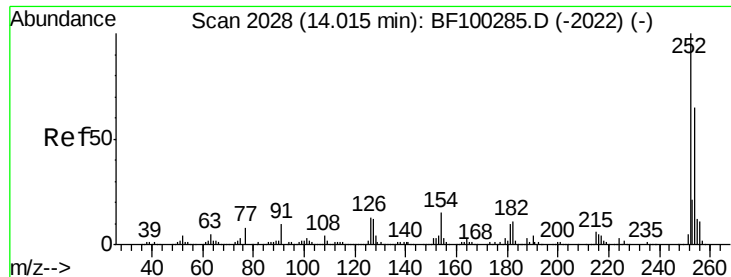
Tgt Ion:	149	Resp:	429537
Ion Ratio	Lower	Upper	
149	100		
91	69.1	56.8	85.2
206	19.4	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 43.843 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion:	228	Resp:	761134
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.6	15.8	23.6

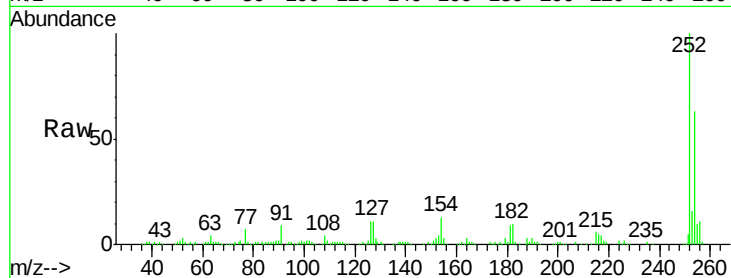




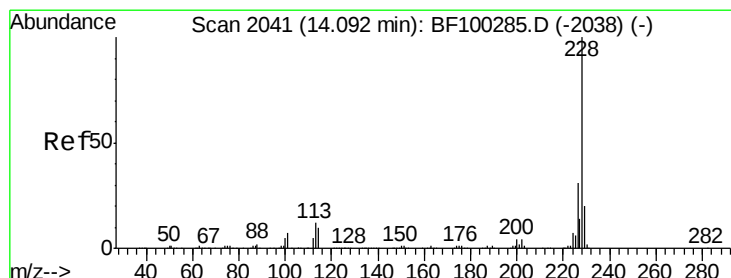
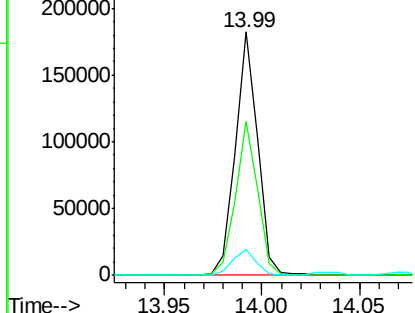
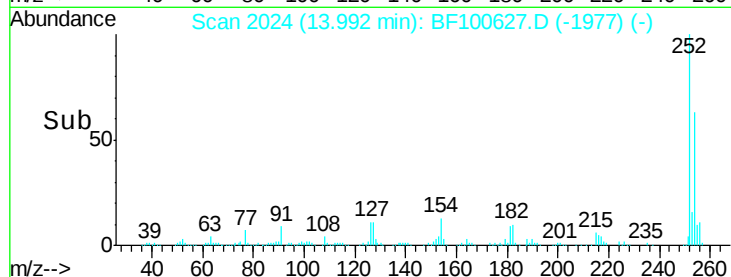
#81
 3,3'-Dichlorobenzidine
 Concen: 23.167 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	10.7	11.3	16.9#

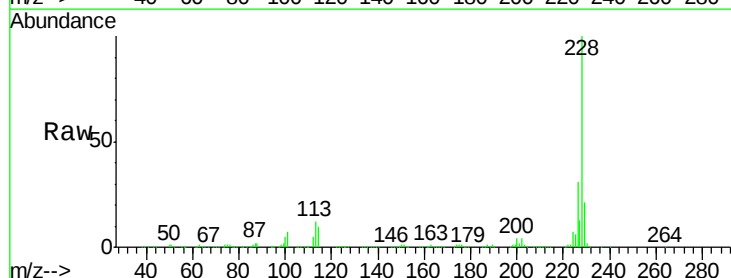


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

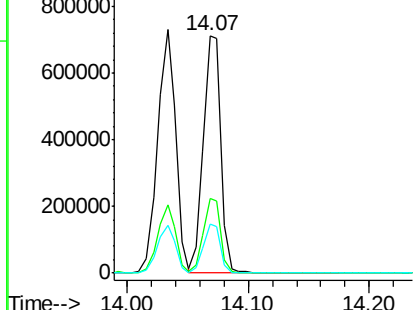
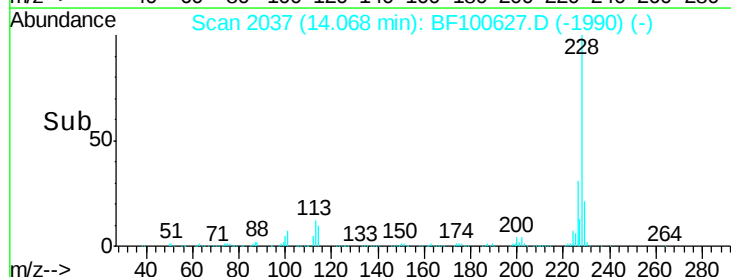


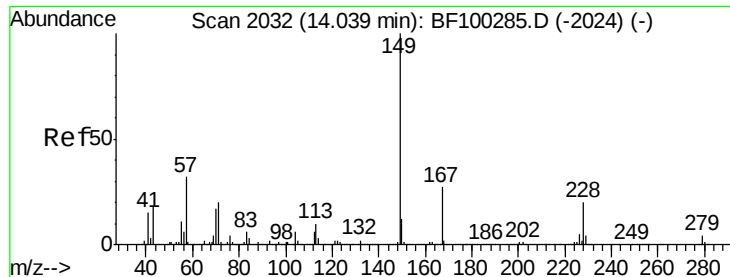
#82
 Chrysene
 Concen: 42.607 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.5	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: 51.721 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

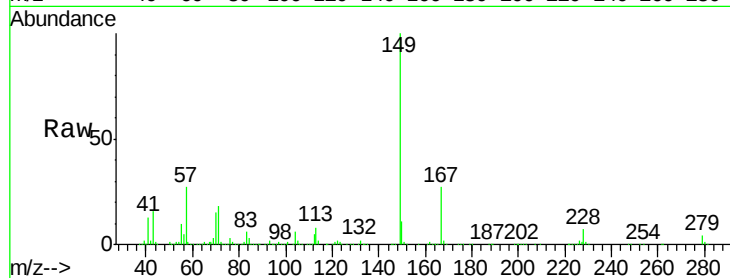
Tgt Ion:149 Resp: 570095

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

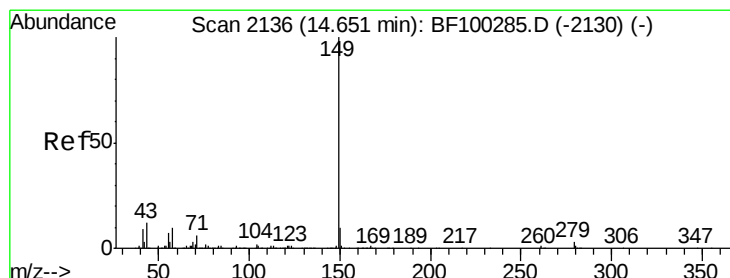
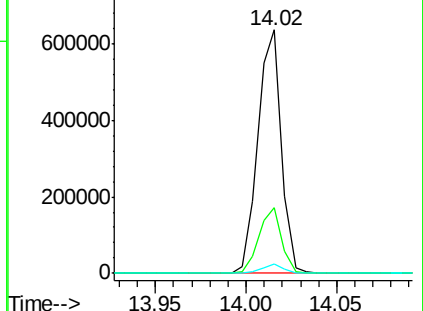
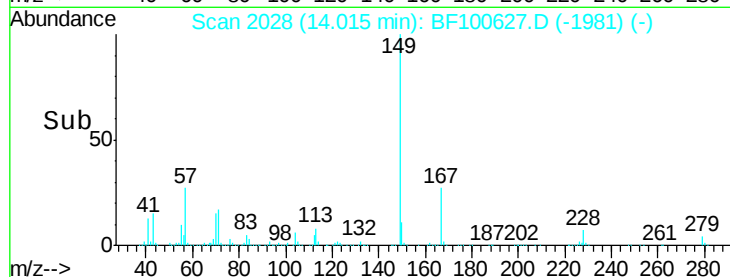
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.843 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

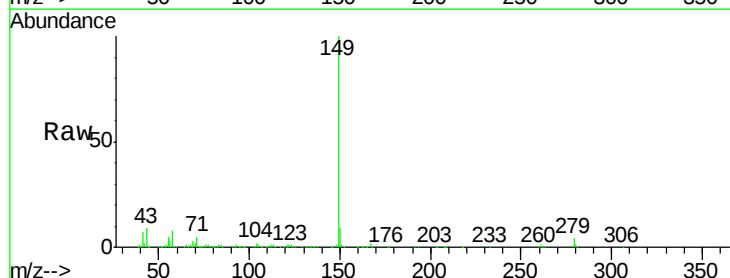
Tgt Ion:149 Resp: 830199

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

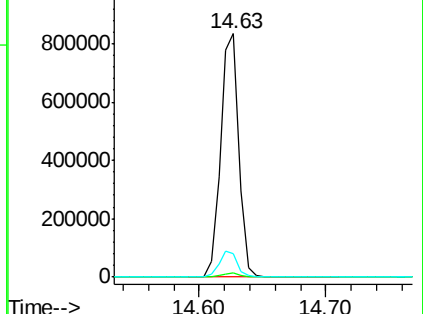
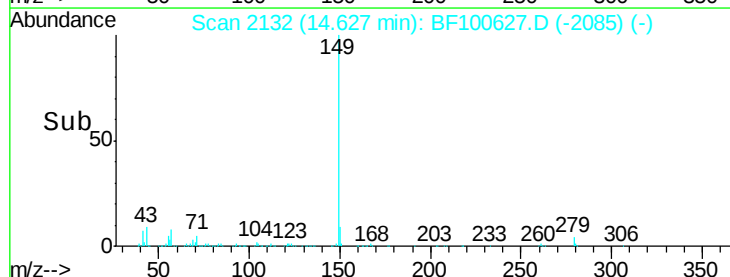
43 10.2 8.4 12.6

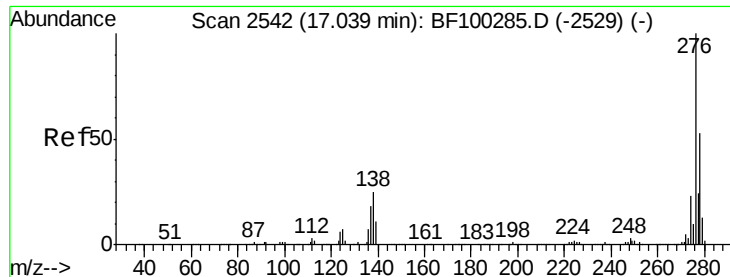


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.939 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.04 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

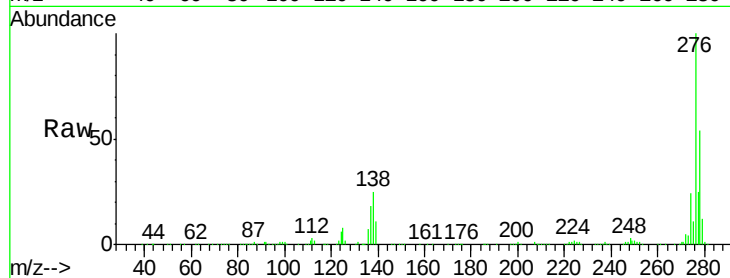
Tgt Ion:276 Resp: 706259

Ion Ratio Lower Upper

276 100

138 26.6 25.0 37.6

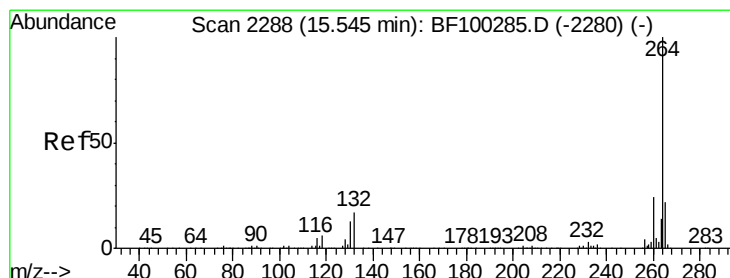
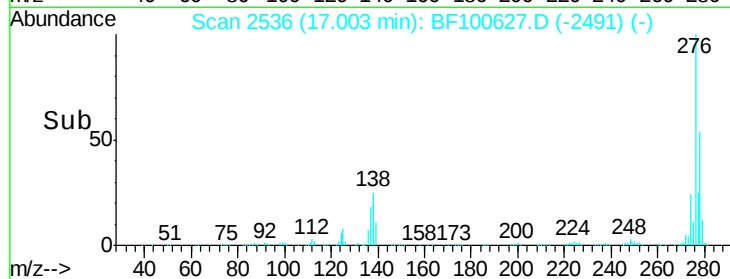
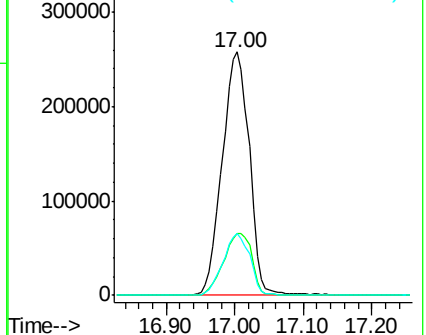
277 25.3 20.1 30.1



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: 15.51 min Scan# 2282

Delta R.T. -0.04 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

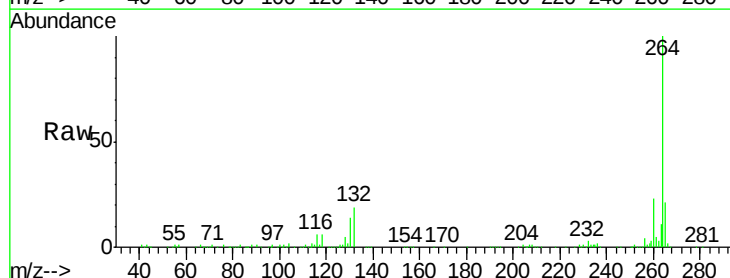
Tgt Ion:264 Resp: 236172

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

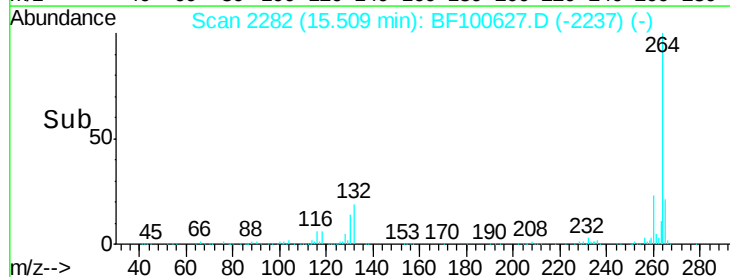
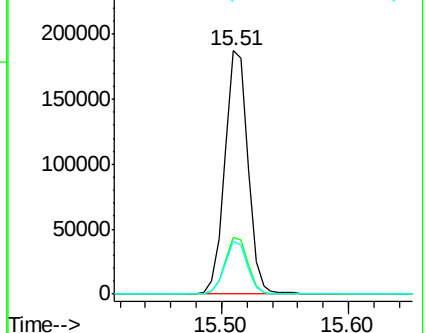
265 21.5 17.5 26.3

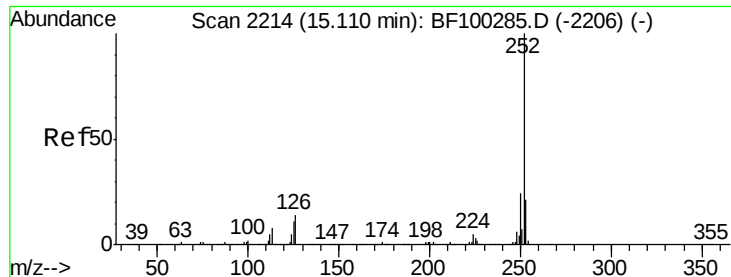


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.655 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.03 min

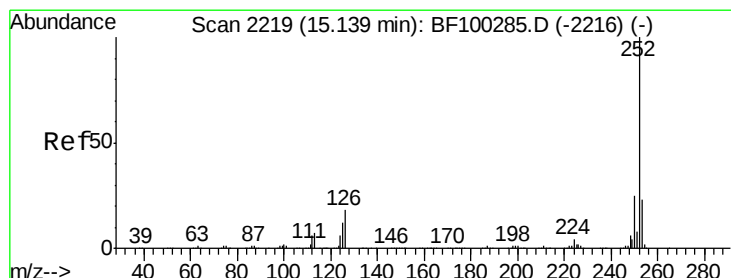
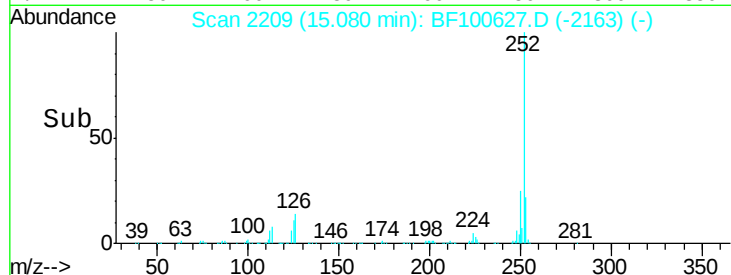
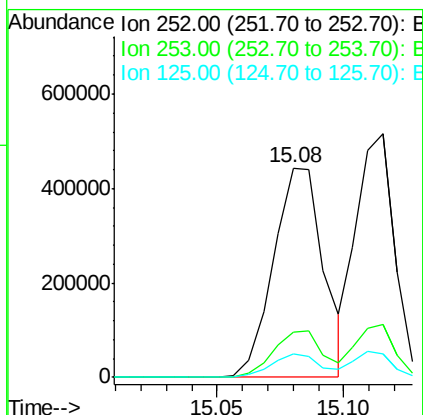
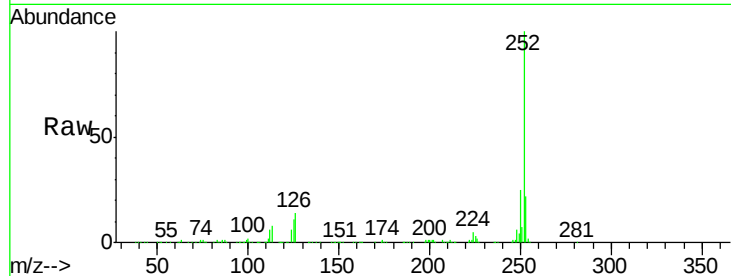
Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tgt Ion: 252 Resp: 610816

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.2	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 46.203 ng

RT: 15.08 min Scan# 2209

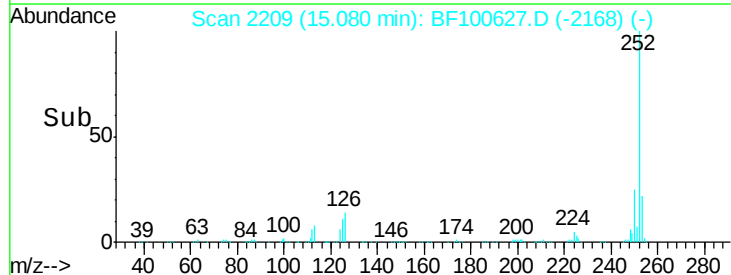
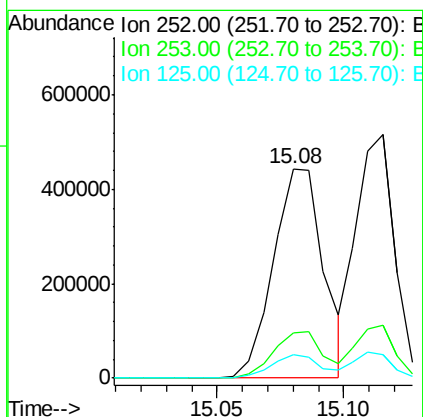
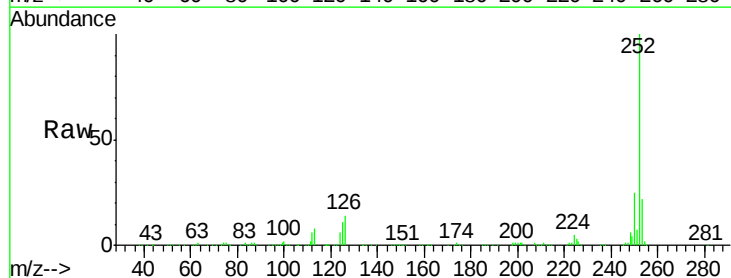
Delta R.T. -0.06 min

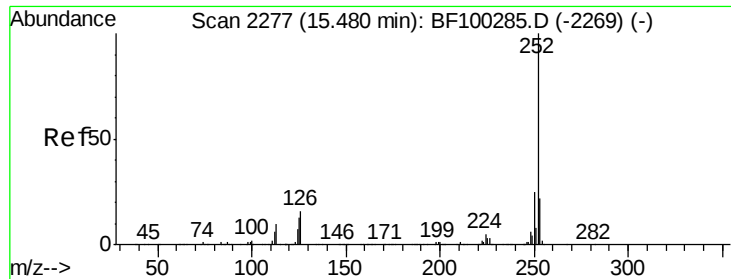
Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion: 252 Resp: 610816

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.2	10.2	15.2





#89

Benzo(a)pyrene

Concen: 45.040 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.03 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

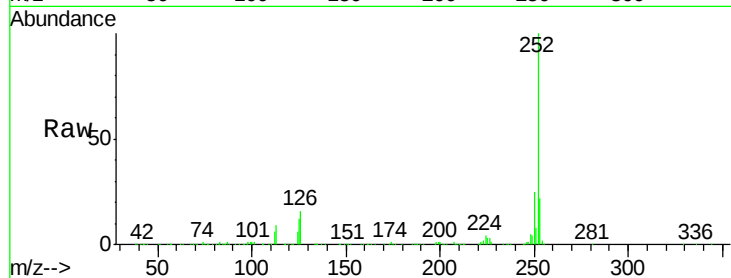
Tgt Ion:252 Resp: 558688

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

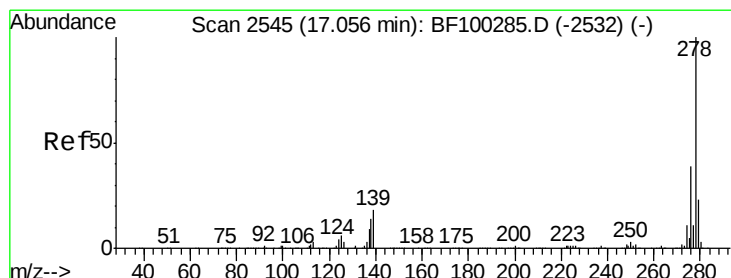
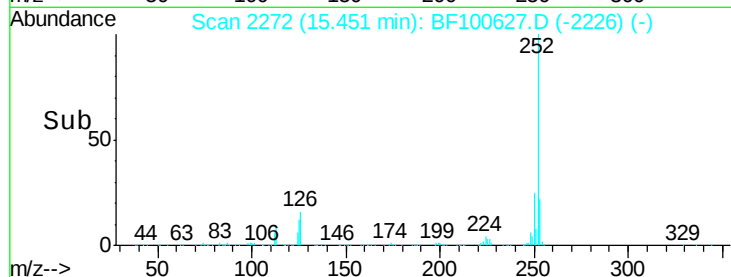
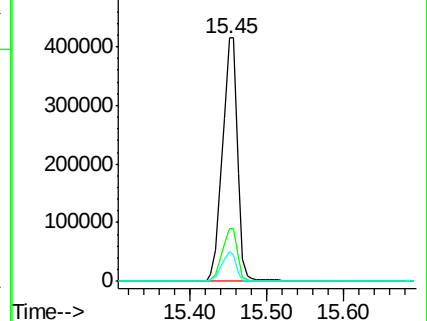
125 12.3 9.8 14.6



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: 56.932 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.04 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

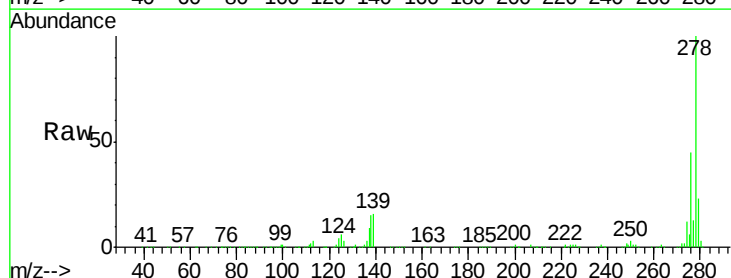
Tgt Ion:278 Resp: 577544

Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

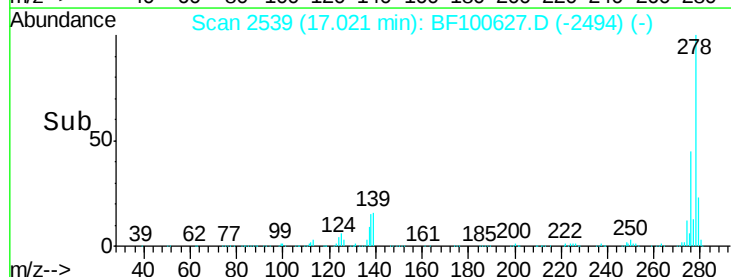
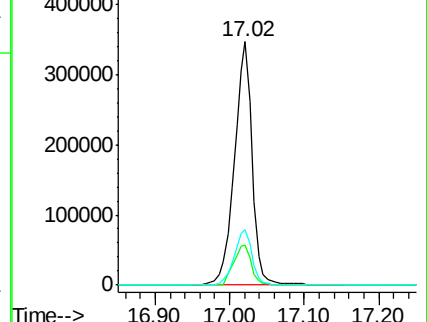
279 23.0 19.0 28.4

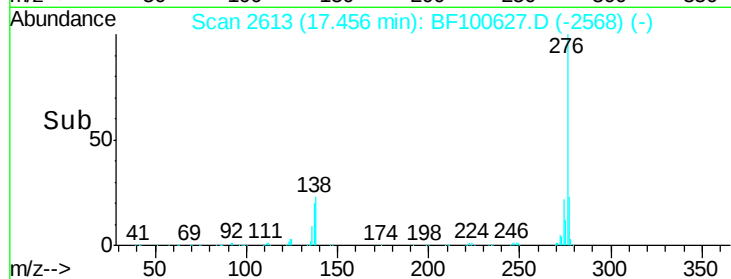
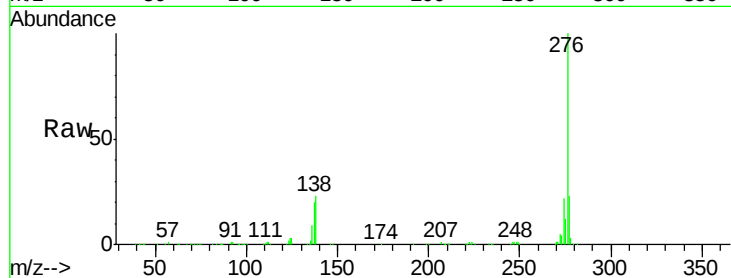
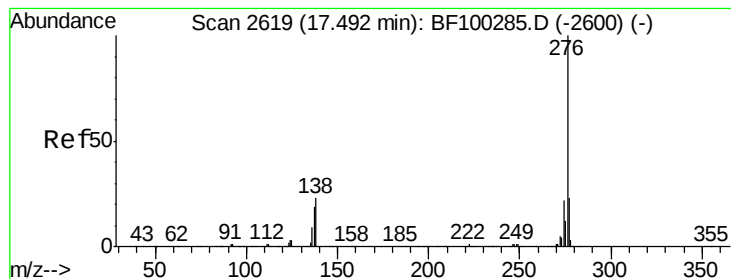


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 63.030 ng

RT: 17.46 min Scan# 2613

Delta R.T. -0.04 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

Tgt Ion: 276 Resp: 625908

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 22.9 21.8 32.8

