

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111617\
 Data File : BF100628.D
 Acq On : 16 Nov 2017 14:10
 Operator : SJ/JU
 Sample : I6302-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 16 15:03:29 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	118929	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	477487	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	222792	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	441231	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	308970	20.00	ng	-0.02
86) Perylene-d12	15.52	264	253535	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	778624	104.95	ng	0.01
7) Phenol-d6	6.52	99	883434	96.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	682894	94.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	294164	129.57	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1278182	87.36	ng	-0.02
78) Terphenyl-d14	12.99	244	1223459	90.98	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	128349	35.499	ng	# 80
3) Pyridine	3.56	79	324699	32.917	ng	95
4) n-Nitrosodimethylamine	3.51	42	177950	37.156	ng	99
6) Aniline	6.55	93	224943	17.404	ng	98
8) 2-Chlorophenol	6.67	128	353650	45.058	ng	97
9) Benzaldehyde	6.43	77	117257	17.947	ng	99
10) Phenol	6.53	94	370496	38.576	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	350659	43.467	ng	96
12) 1,3-Dichlorobenzene	6.83	146	403570	44.598	ng	97
13) 1,4-Dichlorobenzene	6.90	146	404992	44.219	ng	97
14) 1,2-Dichlorobenzene	7.06	146	384258	45.377	ng	96
15) Benzyl Alcohol	7.03	79	314716	44.076	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	639425	49.557	ng	98
17) 2-Methylphenol	7.13	107	310071	46.229	ng	99
18) Hexachloroethane	7.40	117	141043	46.706	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	257186	40.535	ng	95
20) 3+4-Methylphenols	7.29	107	356775	42.035	ng	# 84
22) Acetophenone	7.30	105	491183	42.186	ng	# 98
24) Nitrobenzene	7.47	77	393945	52.996	ng	98
25) Isophorone	7.70	82	719594	47.414	ng	100
26) 2-Nitrophenol	7.78	139	207683	58.290	ng	95
27) 2,4-Dimethylphenol	7.82	122	350078	51.455	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	467194	47.061	ng	99
29) 2,4-Dichlorophenol	8.02	162	327602	50.439	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	341163	48.560	ng	98
31) Naphthalene	8.19	128	1100903	47.869	ng	100
32) Benzoic acid	7.88	122	26082	13.400	ng	96
33) 4-Chloroaniline	8.23	127	104041	10.868	ng	97
34) Hexachlorobutadiene	8.30	225	192658	46.121	ng	98
35) Caprolactam	8.61	113	48015	21.542	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	335344	48.074	ng	96
37) 2-Methylnaphthalene	8.88	142	741810	48.584	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	329591	44.606	ng	97
40) Hexachlorocyclopentadiene	9.03	237	318370	91.549	ng	99

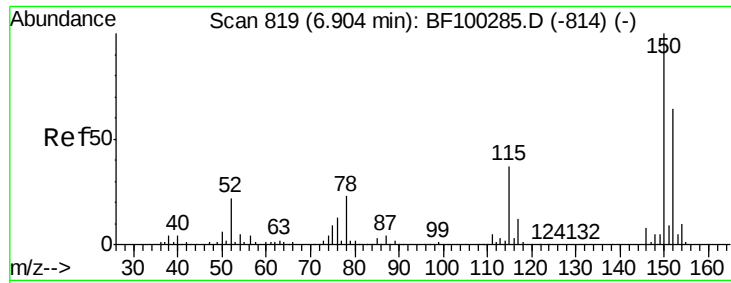
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	240017	51.253	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	256497	52.865	ng	92
45) 1,1'-Biphenyl	9.35	154	868409	45.067	ng	99
46) 2-Chloronaphthalene	9.37	162	685386	49.029	ng	96
47) 2-Nitroaniline	9.46	65	220134	52.986	ng	97
48) Acenaphthylene	9.79	152	1058278	45.681	ng	100
49) Dimethylphthalate	9.65	163	808265	47.516	ng	99
50) 2,6-Dinitrotoluene	9.70	165	184928	54.922	ng	97
51) Acenaphthene	9.96	154	629924	44.709	ng	99
52) 3-Nitroaniline	9.87	138	93692	23.564	ng	97
53) 2,4-Dinitrophenol	9.97	184	27118	29.816	ng	# 17
54) Dibenzofuran	10.13	168	935532	47.375	ng	98
55) 4-Nitrophenol	10.03	139	258572	80.090	ng	96
56) 2,4-Dinitrotoluene	10.11	165	247257	58.209	ng	92
57) Fluorene	10.47	166	706398	48.831	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	201959	50.788	ng	# 87
59) Diethylphthalate	10.34	149	775846	45.577	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	338101	47.643	ng	94
61) 4-Nitroaniline	10.49	138	190203	50.449	ng	89
62) Azobenzene	10.62	77	725231	45.234	ng	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	40419	23.473	ng	77
65) n-Nitrosodiphenylamine	10.58	169	683716	44.565	ng	95
66) 4-Bromophenyl-phenylether	10.95	248	226648	47.918	ng	# 85
67) Hexachlorobenzene	11.02	284	237535	48.016	ng	# 90
68) Atrazine	11.10	200	220935	47.573	ng	98
69) Pentachlorophenol	11.21	266	206286	58.154	ng	98
70) Phenanthrene	11.43	178	1099894	47.345	ng	99
71) Anthracene	11.49	178	1103847	46.834	ng	100
72) Carbazole	11.64	167	1013526	46.604	ng	98
73) Di-n-butylphthalate	11.96	149	1229812	48.323	ng	99
74) Fluoranthene	12.62	202	1142059	46.386	ng	97
76) Benzidine	12.74	184	450836	36.435	ng	97
77) Pyrene	12.85	202	1170122	53.128	ng	99
79) Butylbenzylphthalate	13.46	149	499118	55.569	ng	98
80) Benzo(a)anthracene	14.03	228	918141	49.346	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	167037	25.057	ng	99
82) Chrysene	14.07	228	859165	47.685	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	671650	56.855	ng	100
84) Di-n-octyl phthalate	14.63	149	1006808	49.610	ng	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	799668	54.872	ng	95
87) Benzo(b)fluoranthene	15.09	252	721512	48.035	ng	98
88) Benzo(k)fluoranthene	15.12	252	672471	47.383	ng	97
89) Benzo(a)pyrene	15.46	252	660606	49.609	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	649760	59.665	ng	97
91) Benzo(g,h,i)perylene	17.46	276	699550	65.622	ng	94

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

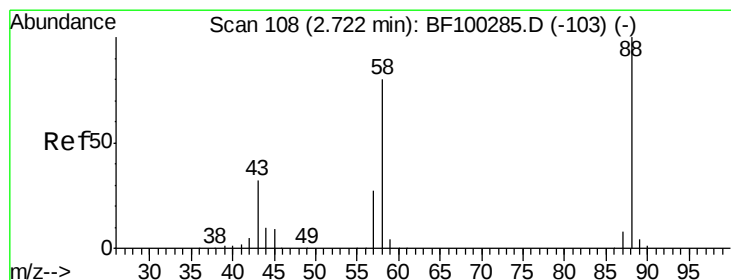
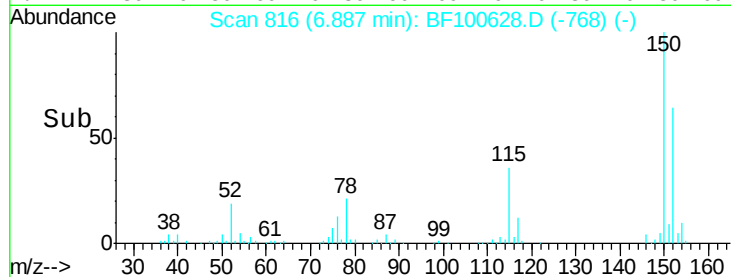
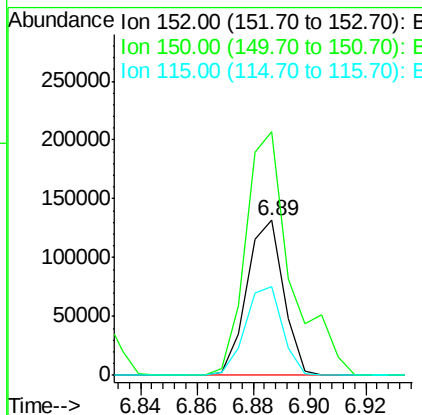
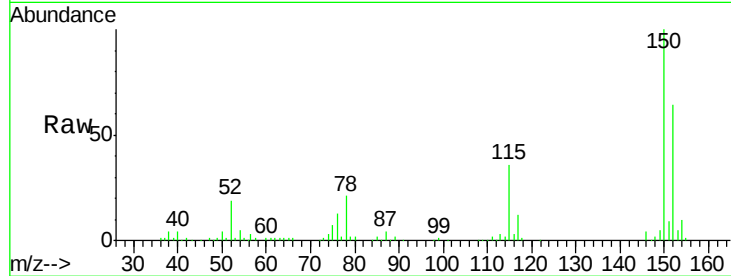


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

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

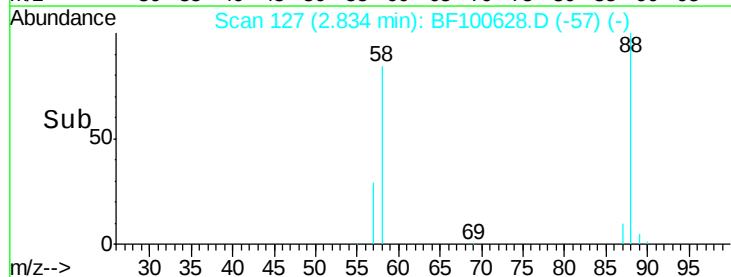
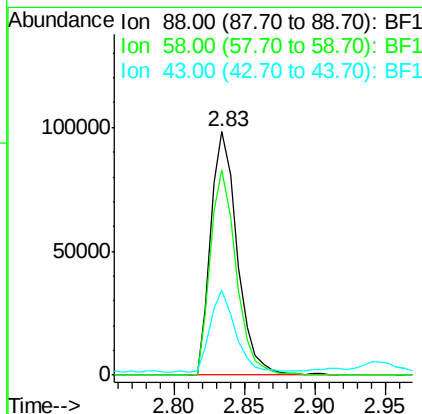
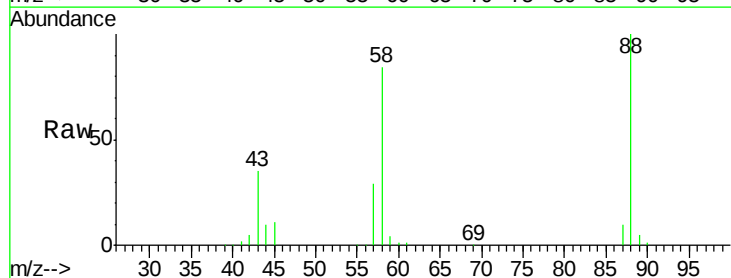
Tgt Ion:152 Resp: 118929
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 57.3 50.1 75.1

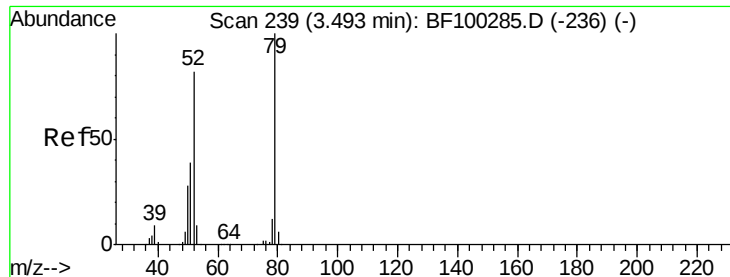


#2

1,4-Dioxane
Concen: 35.499 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.11 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion: 88 Resp: 128349
Ion Ratio Lower Upper
88 100
58 82.6 62.6 93.8
43 0.0 24.6 37.0#

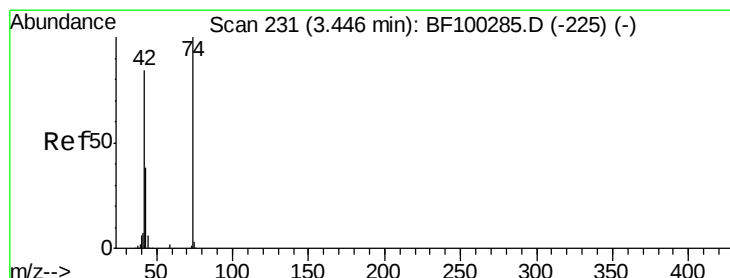
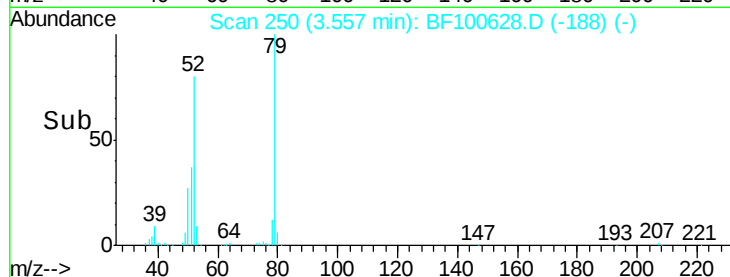
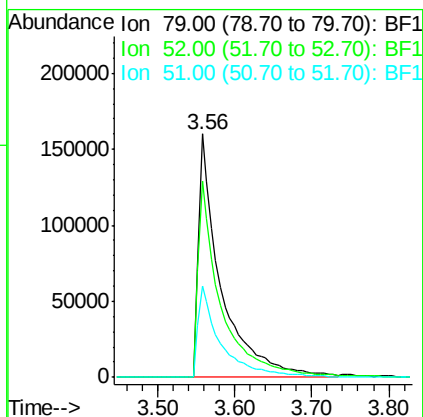
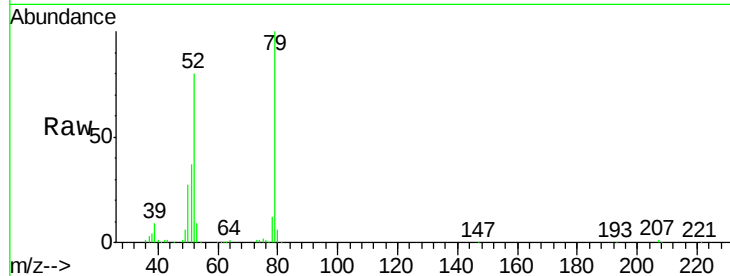




#3
 Pyridine
 Concen: 32.917 ng
 RT: 3.56 min Scan# 250
 Delta R.T. 0.06 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

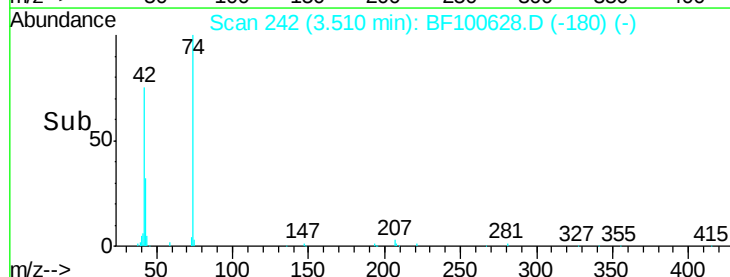
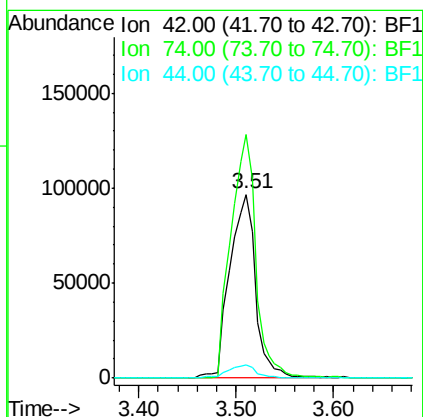
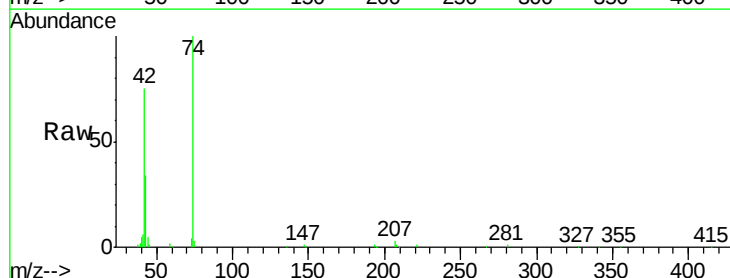
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

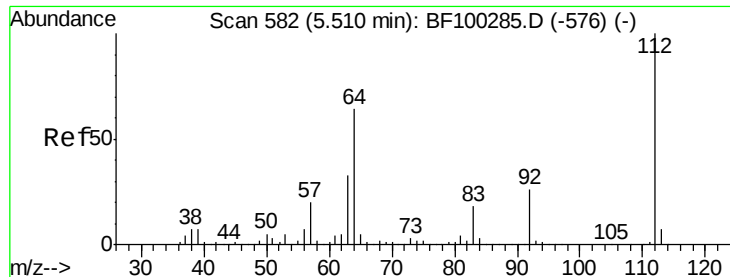
Tgt Ion: 79 Resp: 324699
 Ion Ratio Lower Upper
 79 100
 52 80.4 59.8 89.6
 51 37.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.156 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.06 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion: 42 Resp: 177950
 Ion Ratio Lower Upper
 42 100
 74 132.6 104.9 157.3
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 104.947 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

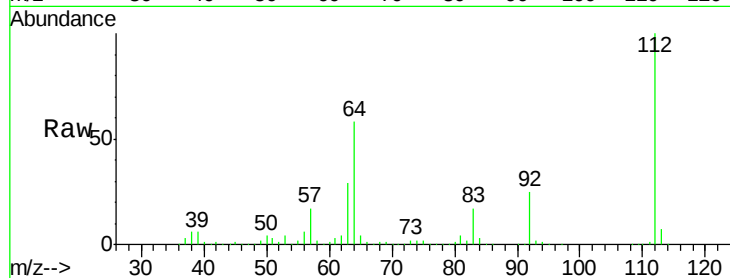
Instrument :

BNA_F

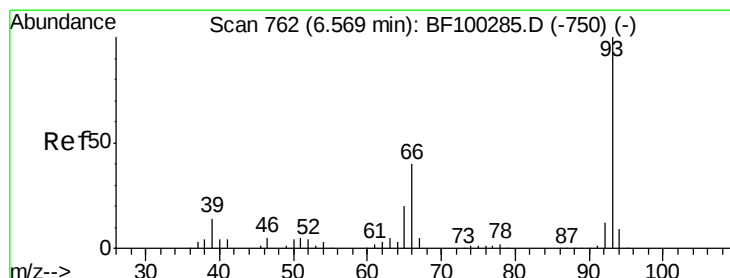
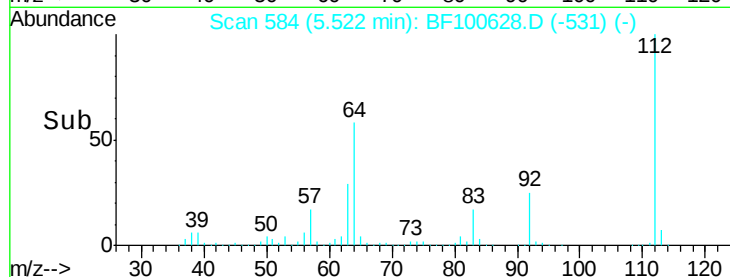
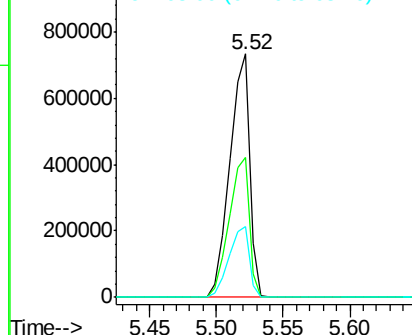
ClientSampleId :

HR-04-111317-AMSD

Tgt Ion:	112	Resp:	778624
Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.404 ng

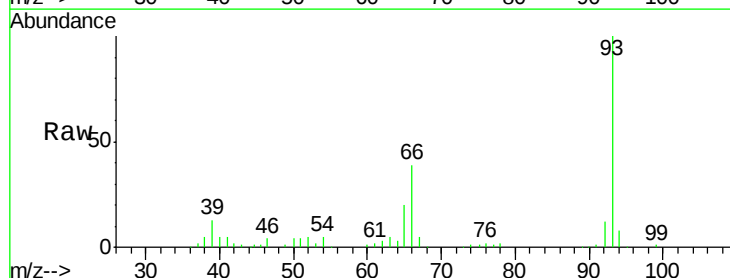
RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

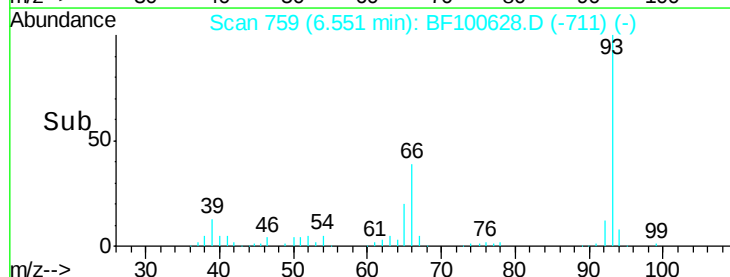
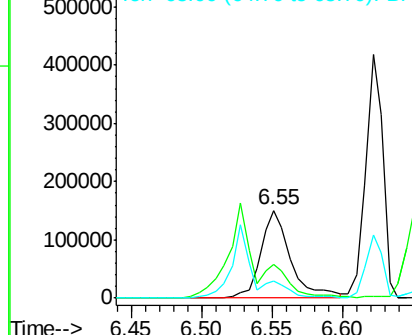
Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:	93	Resp:	224943
Ion	Ratio	Lower	Upper
93	100		
66	39.1	32.2	48.2
65	19.8	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: 96.562 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

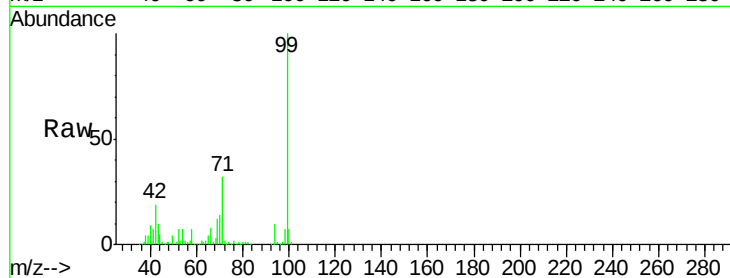
Tgt Ion: 99 Resp: 883434

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

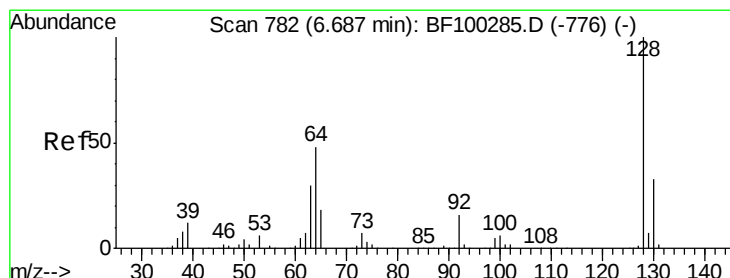
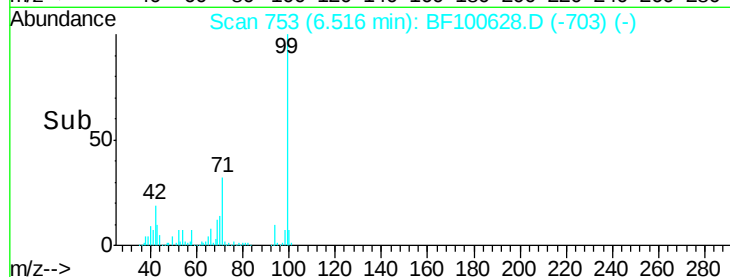
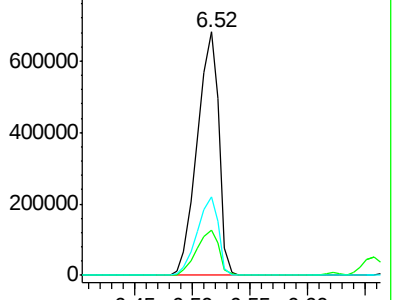
71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.058 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

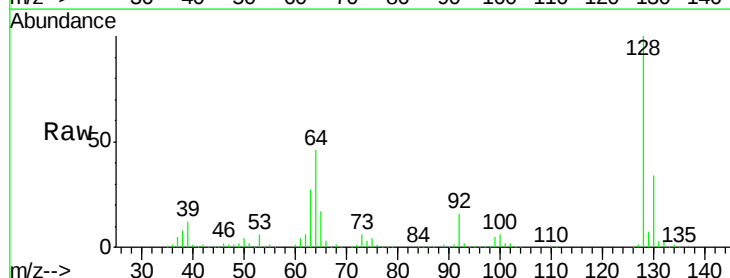
Tgt Ion: 128 Resp: 353650

Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

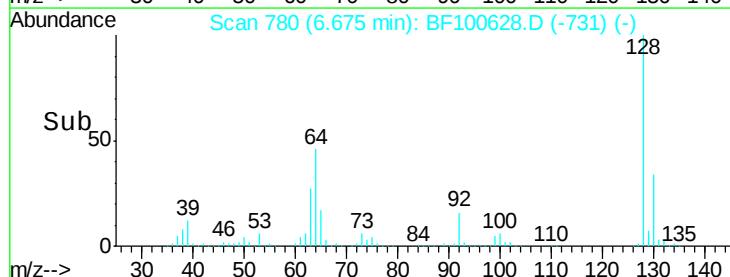
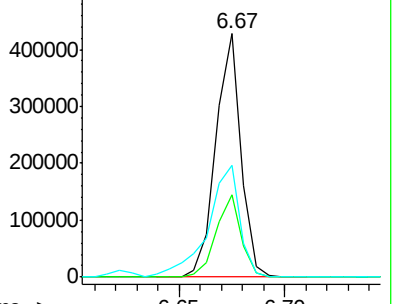
64 46.1 29.4 69.4

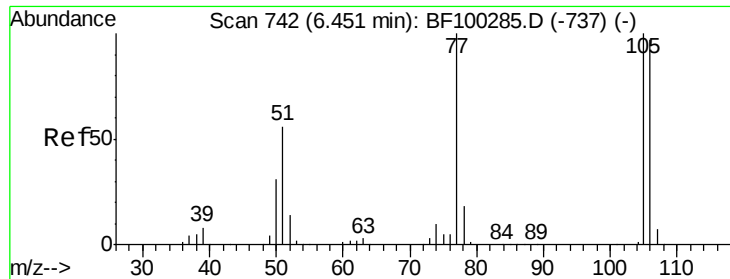


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.947 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

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HR-04-111317-AMSD

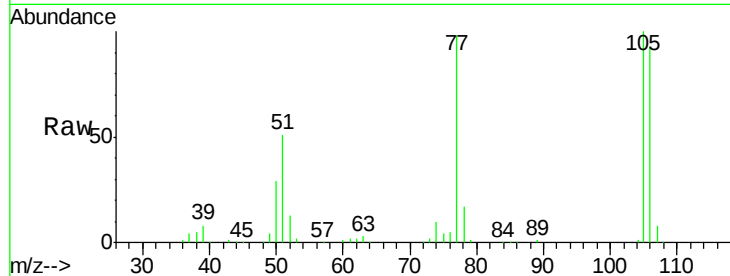
Tgt Ion: 77 Resp: 117257

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

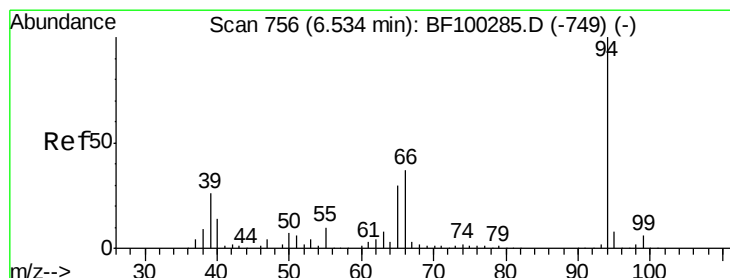
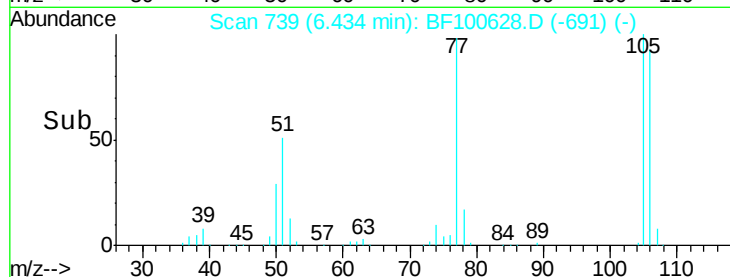
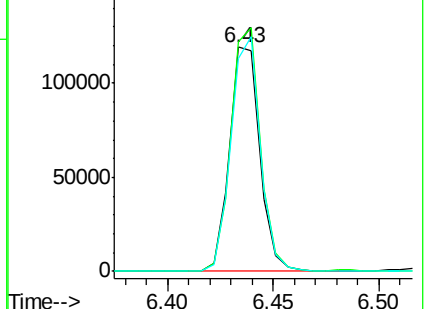
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.576 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

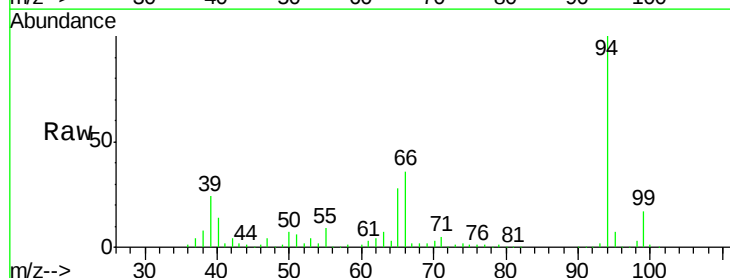
Tgt Ion: 94 Resp: 370496

Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

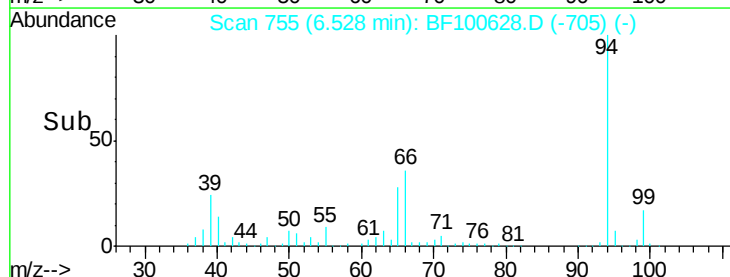
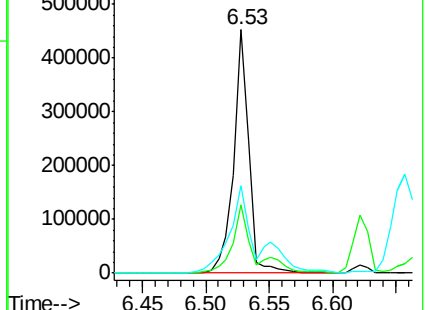
66 36.1 16.2 56.2

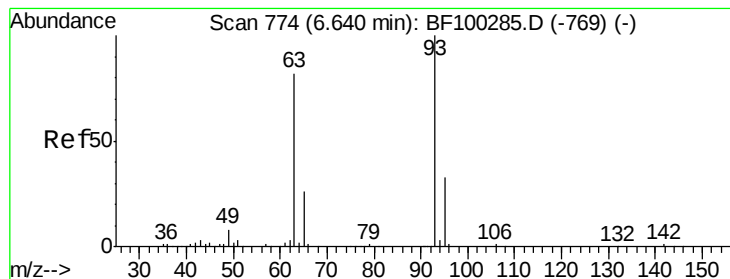


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.467 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

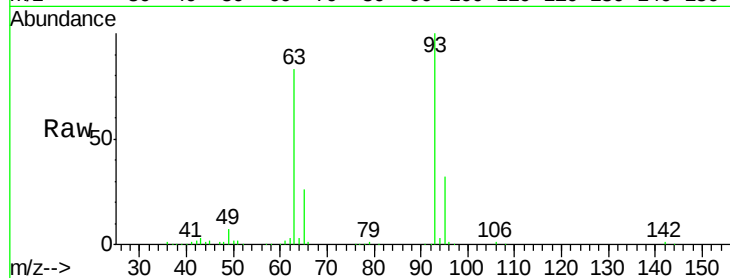
Tgt Ion: 93 Resp: 350659

Ion Ratio Lower Upper

93 100

63 82.8 58.6 98.6

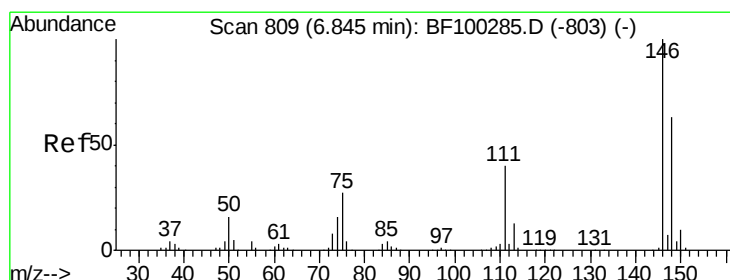
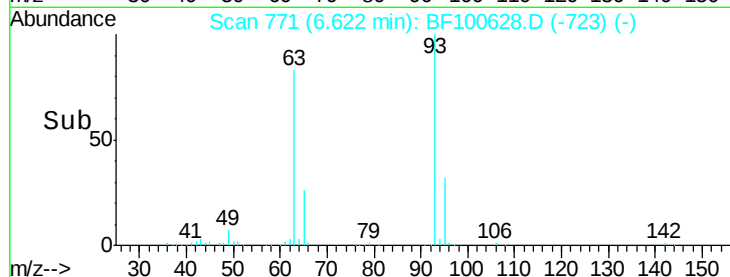
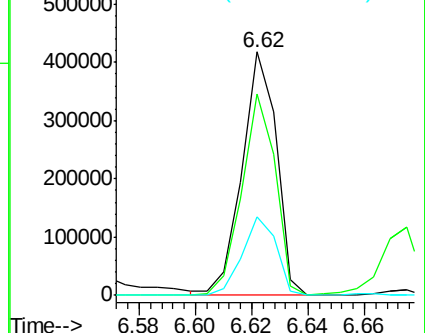
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.598 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

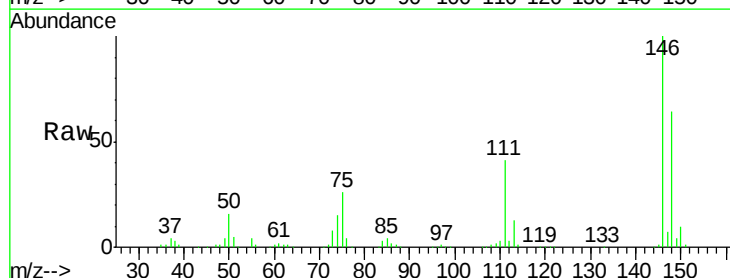
Tgt Ion: 146 Resp: 403570

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

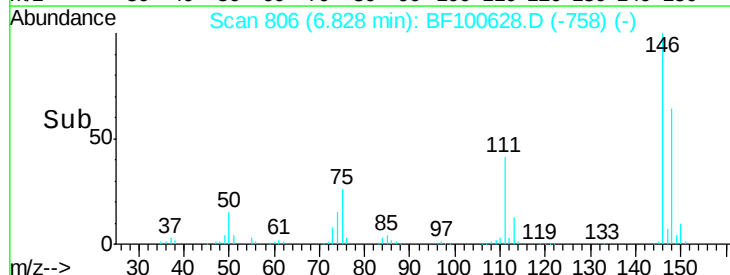
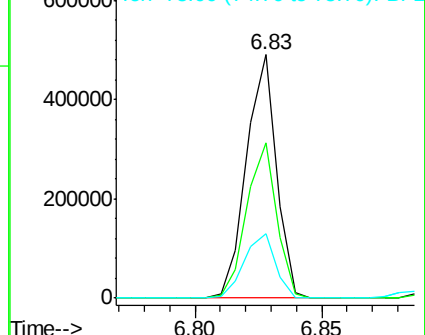
75 26.4 24.2 36.4

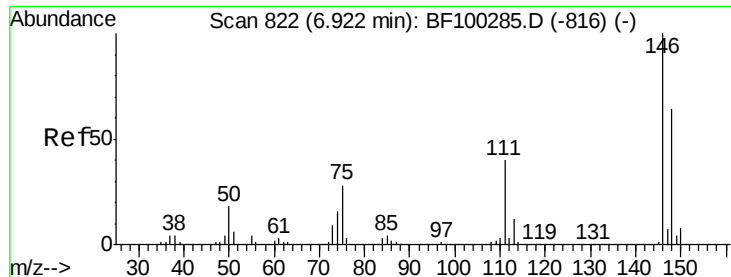


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

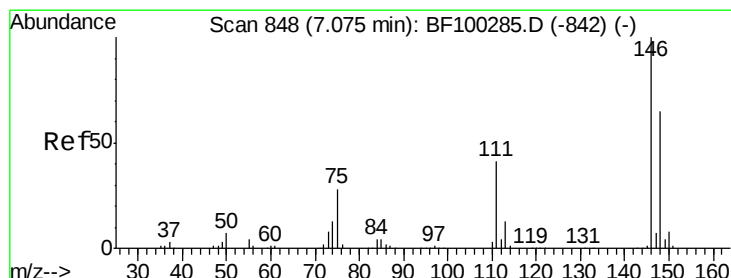
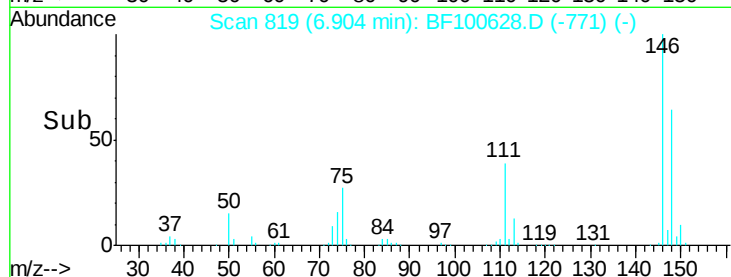
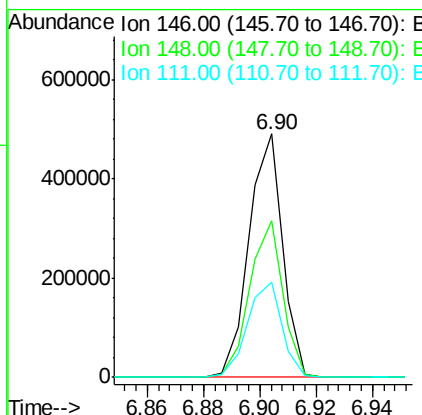
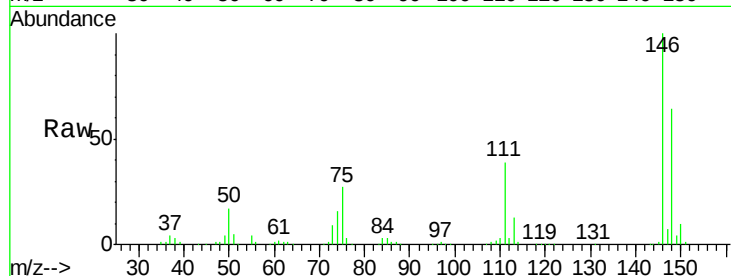




#13
 1,4-Dichlorobenzene
 Concen: 44.219 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

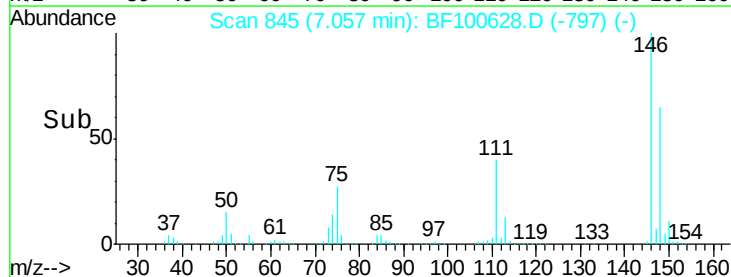
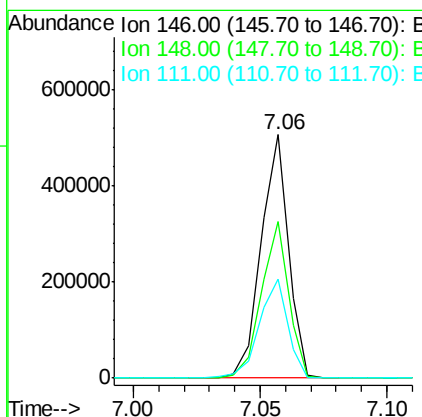
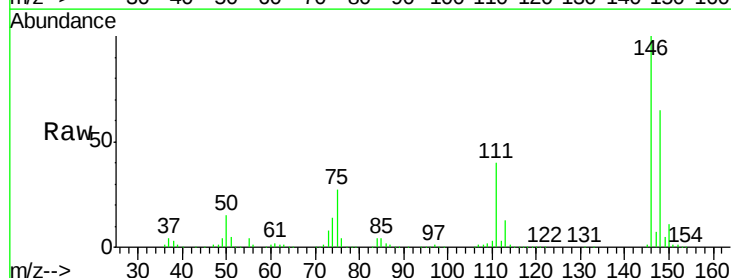
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

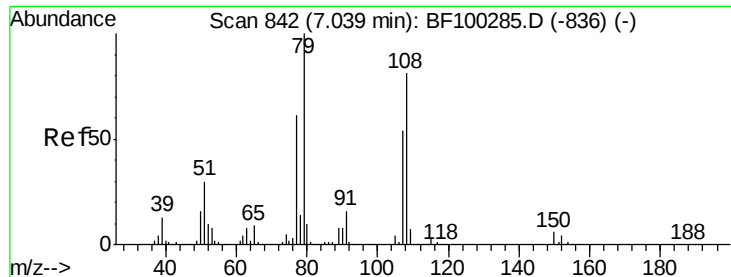
Tgt Ion:146 Resp: 404992
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 38.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 45.377 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion:146 Resp: 384258
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 40.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 44.076 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

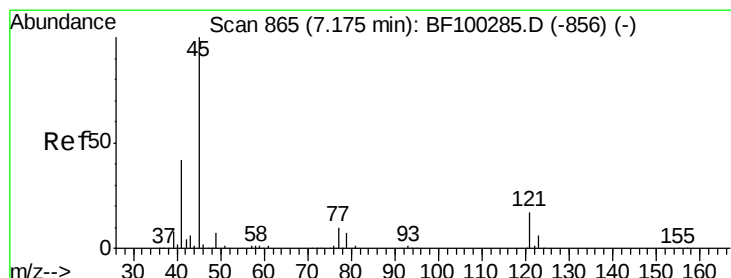
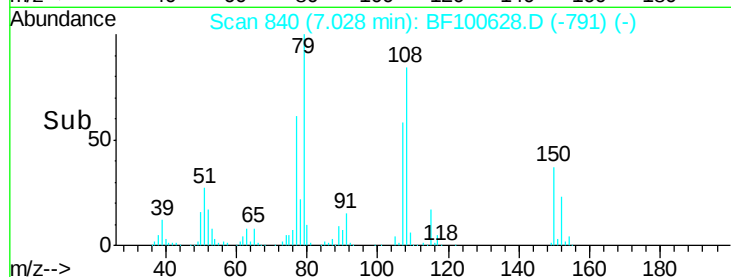
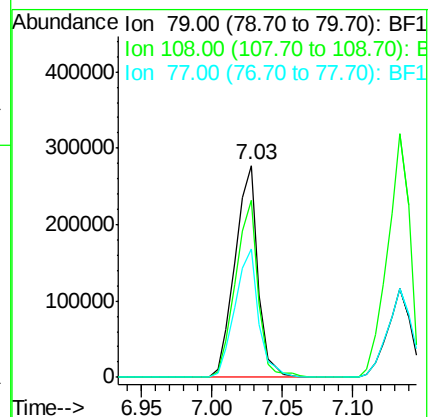
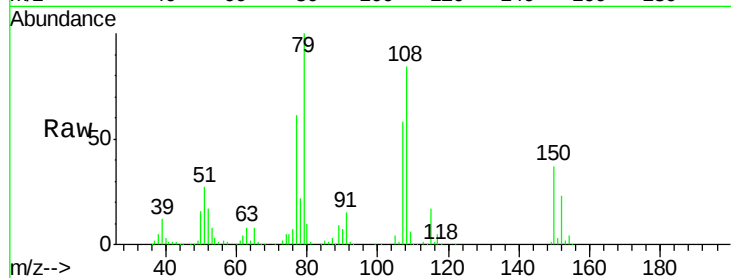
Tgt Ion: 79 Resp: 314716

Ion Ratio Lower Upper

79 100

108 83.5 65.1 97.7

77 60.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.557 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

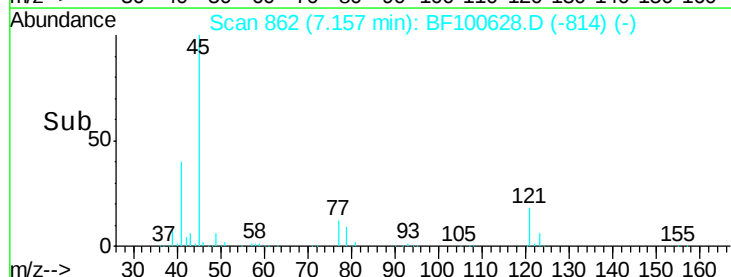
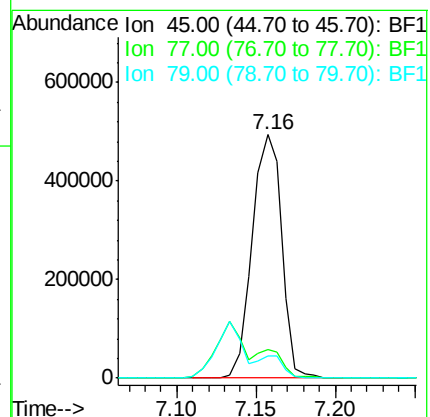
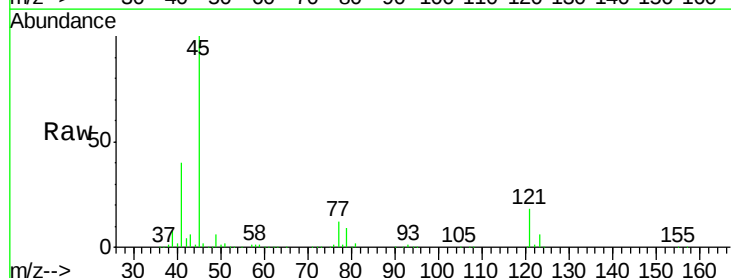
Tgt Ion: 45 Resp: 639425

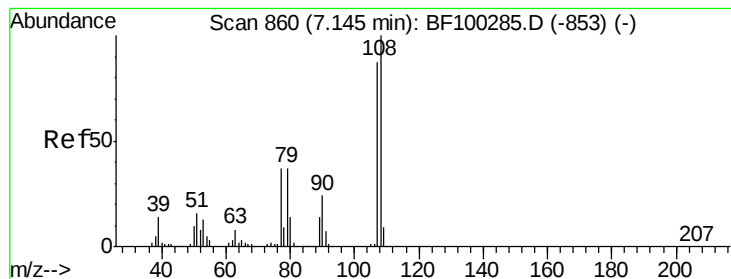
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

79 9.3 0.0 29.6





#17

2-Methylphenol

Concen: 46.229 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

Tgt Ion:107 Resp: 310071

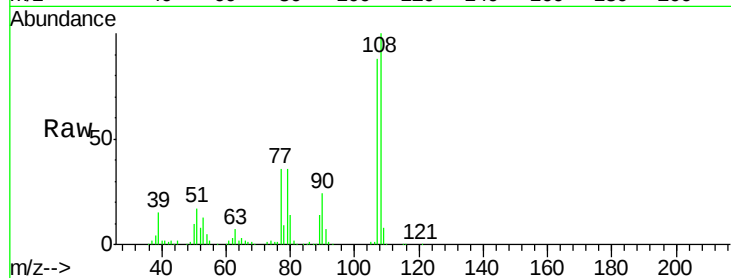
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 41.3 33.8 50.8

79 41.5 33.8 50.8

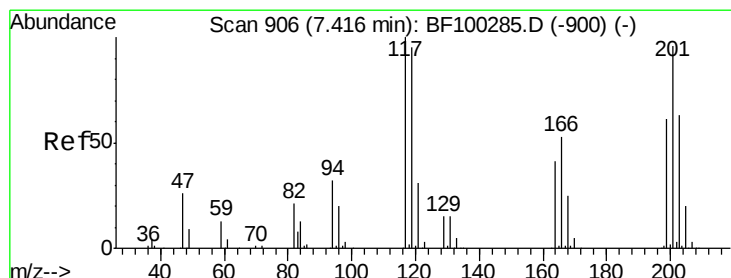
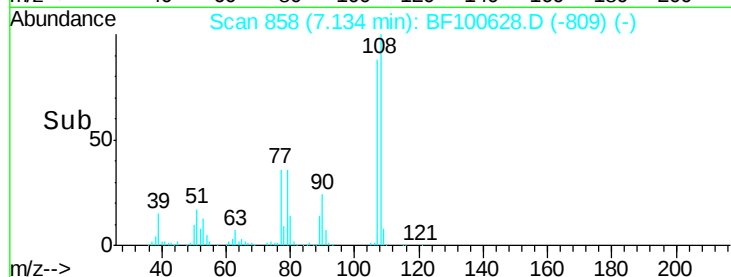
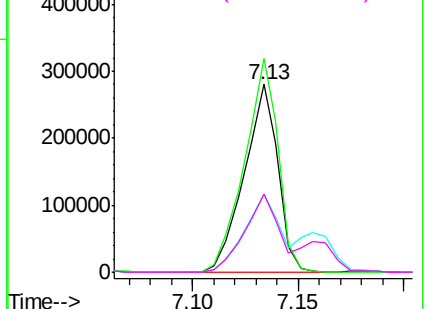


Abundance Ion 107.00 (106.70 to 107.70): E

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: 46.706 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

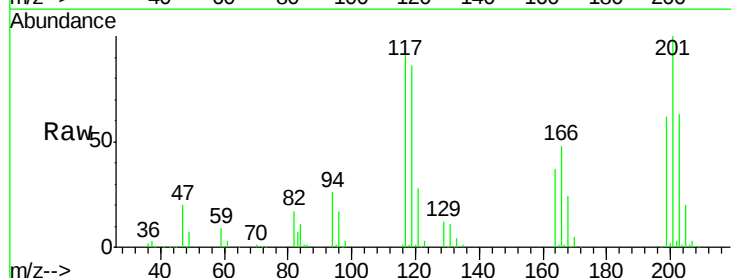
Tgt Ion:117 Resp: 141043

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

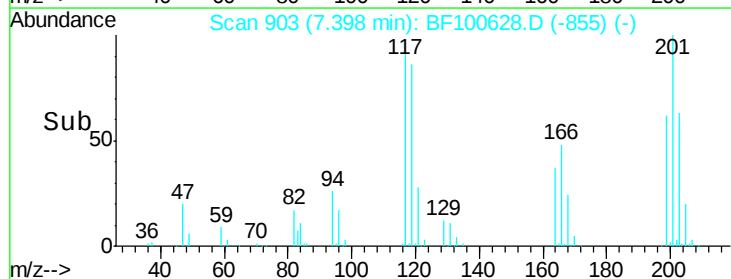
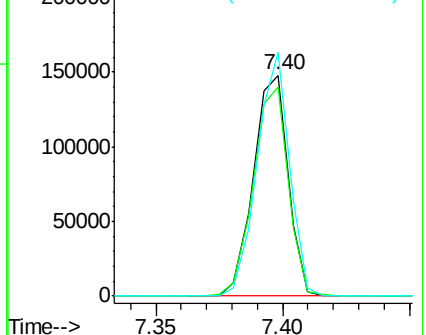
201 110.1 75.7 113.5

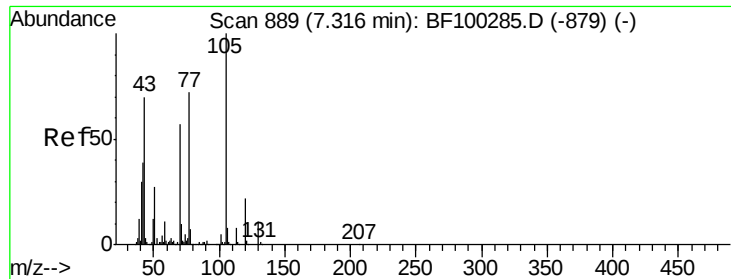


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

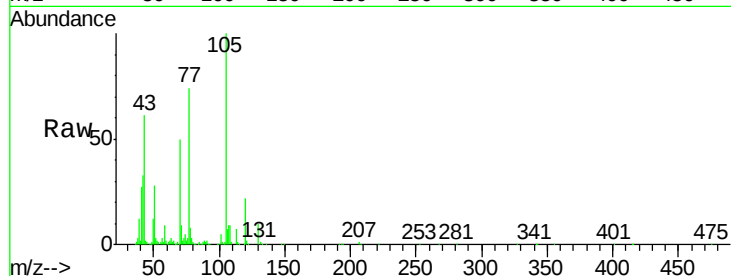




#19
n-Nitroso-di-n-propylamine
Concen: 40.535 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

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

Tgt Ion:	70	Resp:	257186
Ion	Ratio	Lower	Upper
70	100		
42	65.4	47.5	71.3
101	9.3	7.4	11.2
130	20.4	16.6	25.0



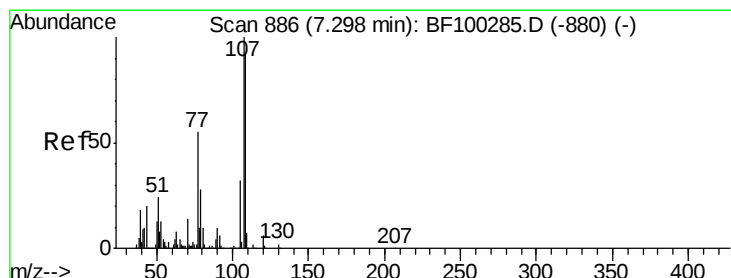
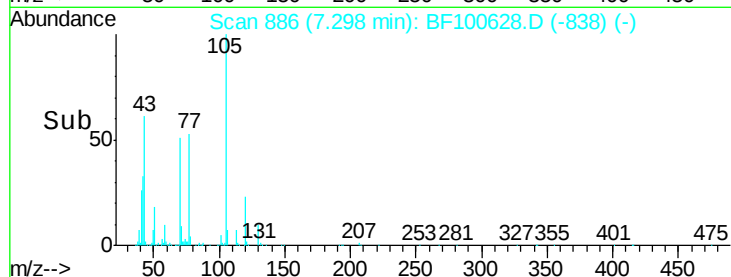
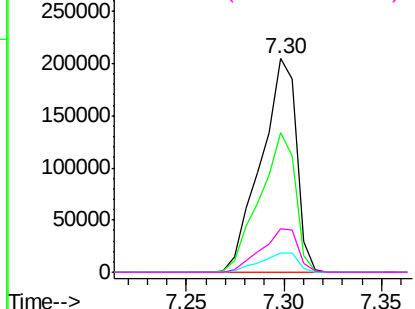
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

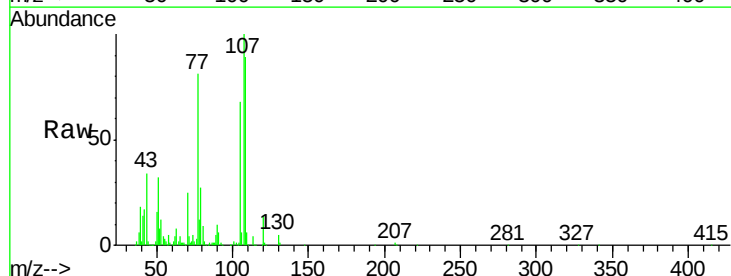
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.035 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:	107	Resp:	356775
Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	80.5	26.7	66.7#
79	27.0	6.3	46.3



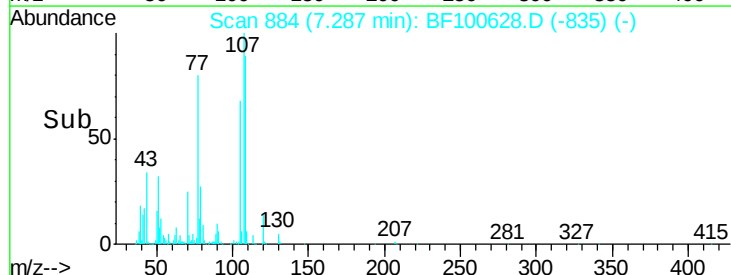
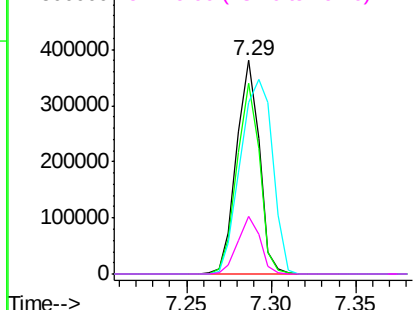
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

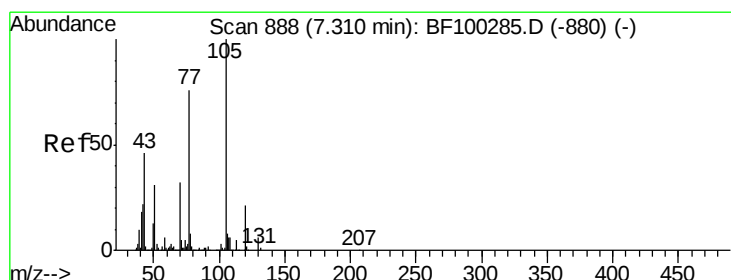
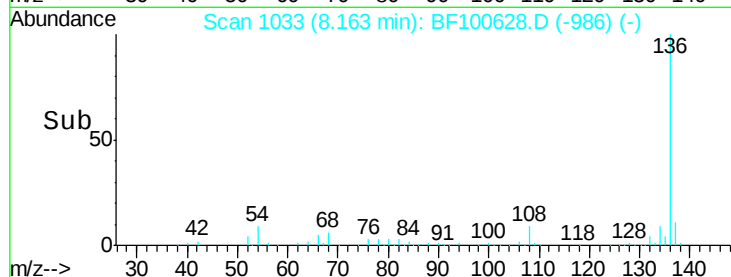
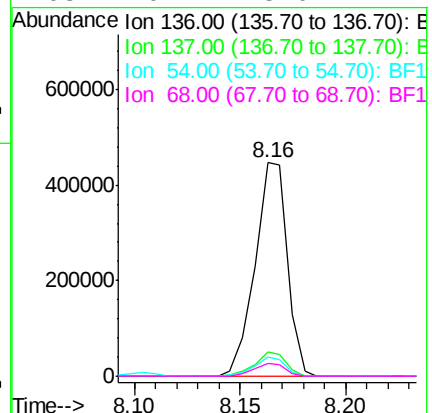
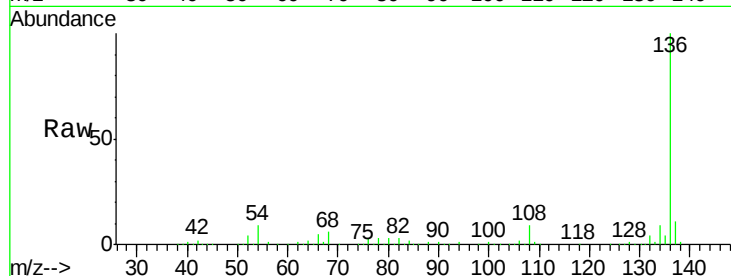




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

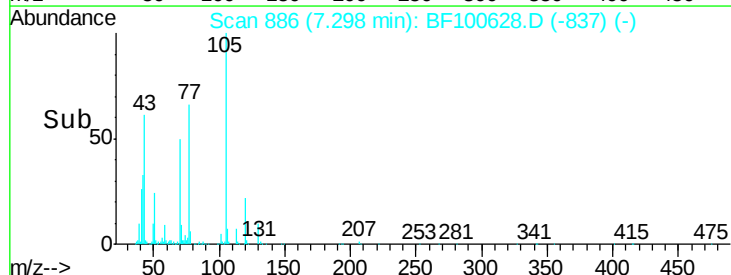
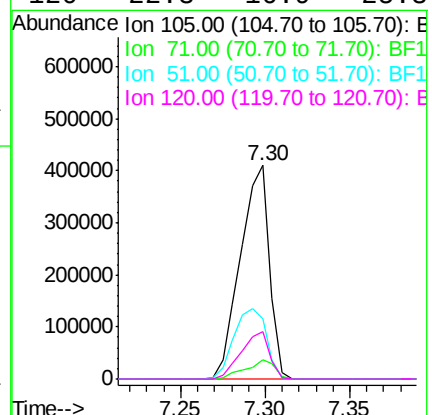
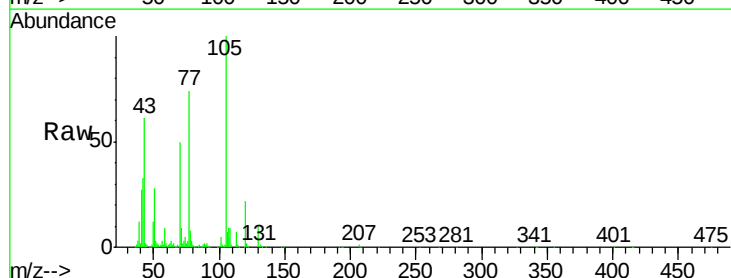
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

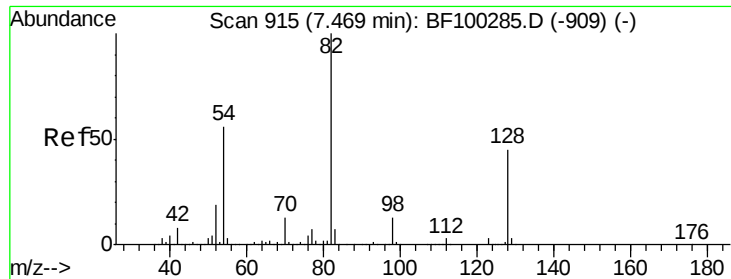
Tgt Ion:	136	Resp:	477487
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.8	6.6	9.8
68	6.2	5.0	7.4



#22
Acetophenone
Concen: 42.186 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:	105	Resp:	491183
Ion	Ratio	Lower	Upper
105	100		
71	9.0	4.4	6.6#
51	28.4	22.3	33.5
120	22.3	16.9	25.3

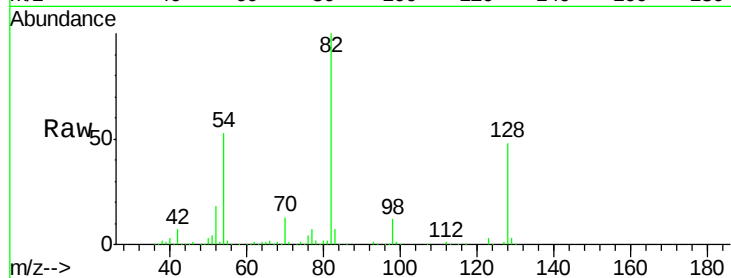




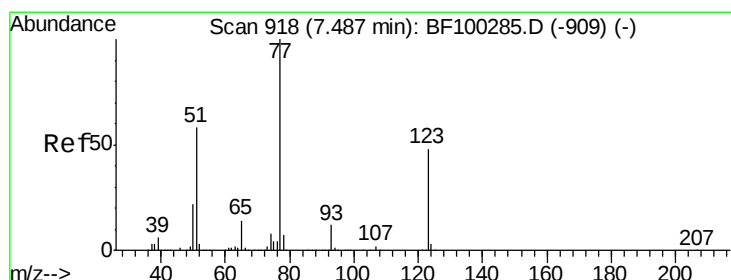
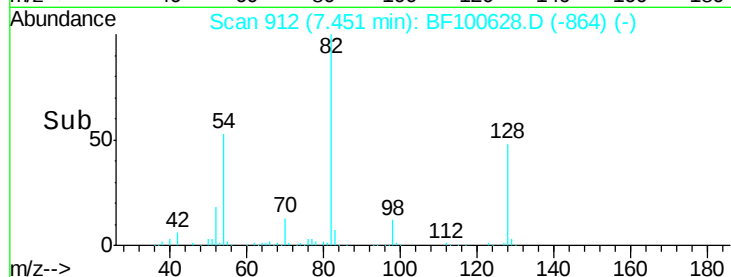
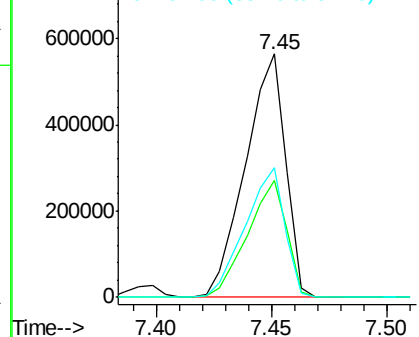
#23
 Nitrobenzene-d5
 Concen: 94.554 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

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

Tgt Ion: 82 Resp: 682894
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 53.3 41.4 62.2

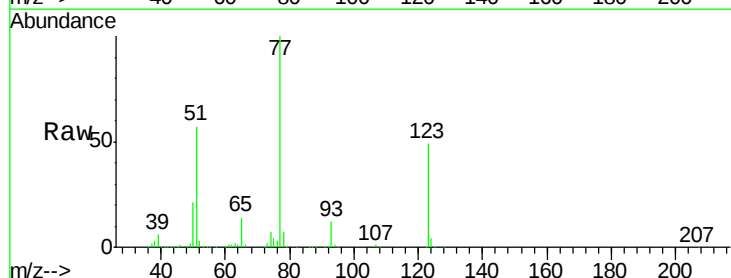


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

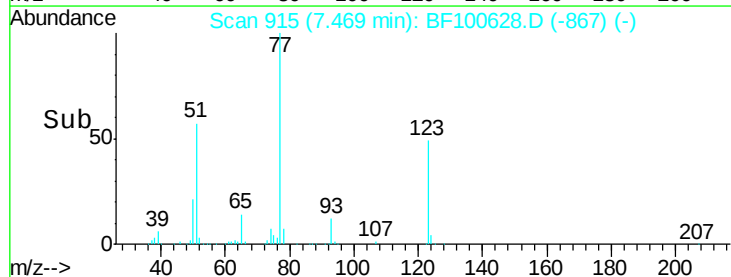
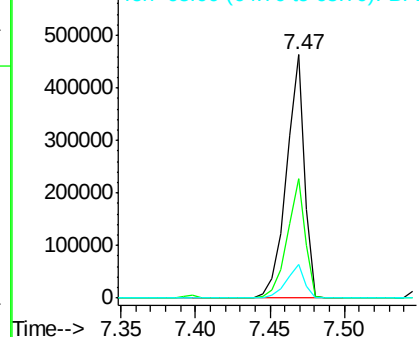


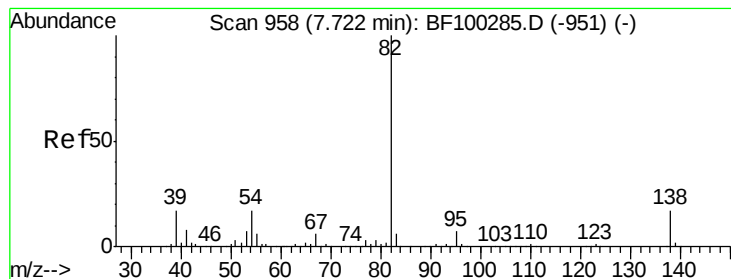
#24
 Nitrobenzene
 Concen: 52.996 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion: 77 Resp: 393945
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.9 56.9
 65 13.8 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: 47.414 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

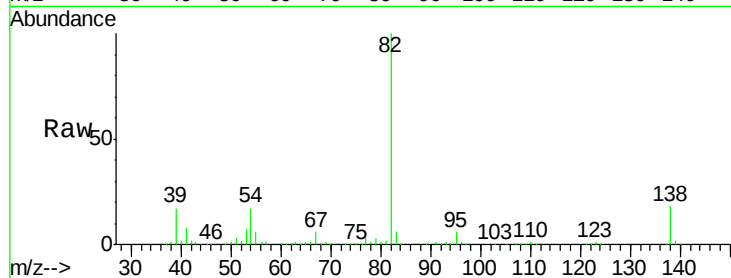
Tgt Ion: 82 Resp: 719594

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

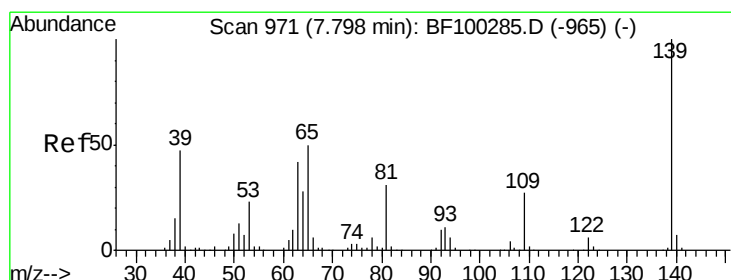
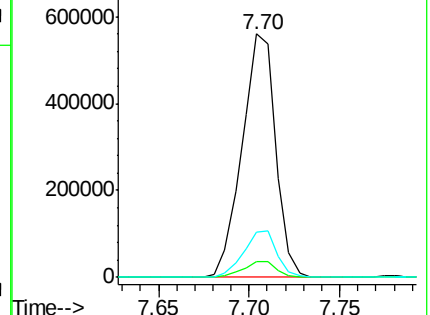
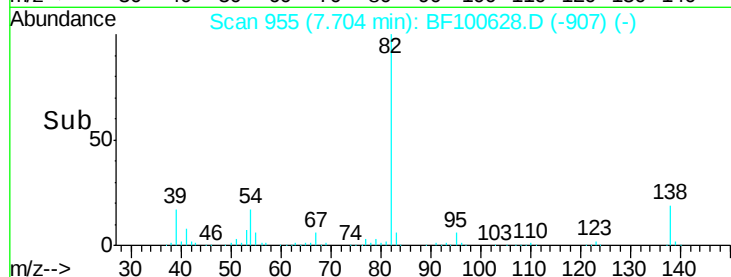
138 18.4 14.9 22.3



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: 58.290 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

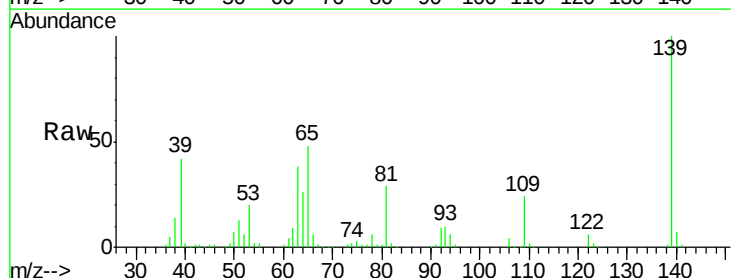
Tgt Ion: 139 Resp: 207683

Ion Ratio Lower Upper

139 100

109 24.2 22.7 34.1

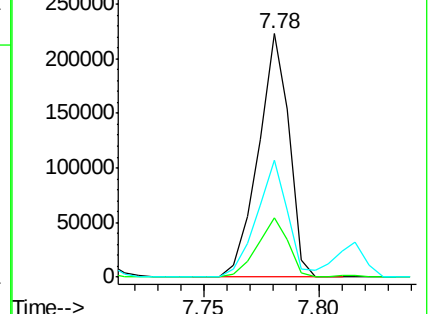
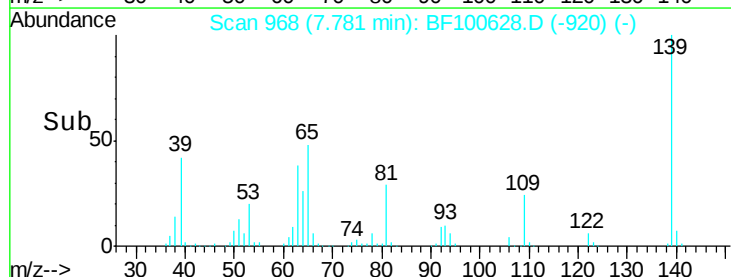
65 48.2 40.5 60.7

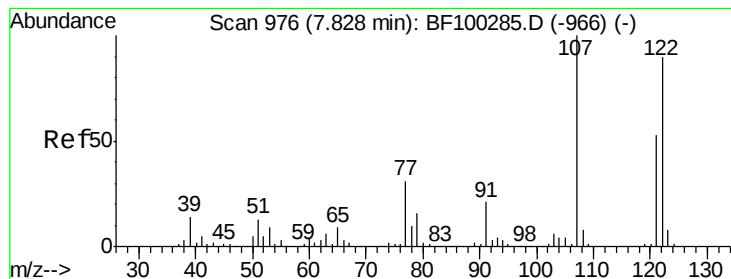


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.455 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

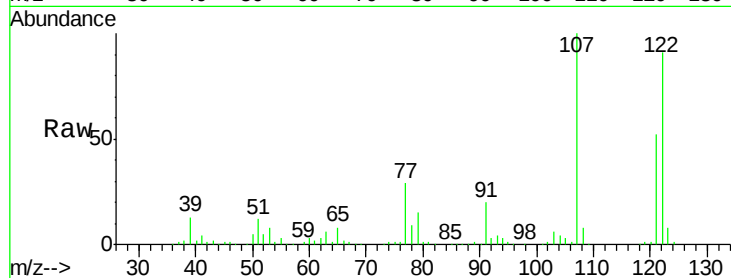
Tgt Ion:122 Resp: 350078

Ion Ratio Lower Upper

122 100

107 110.2 91.2 136.8

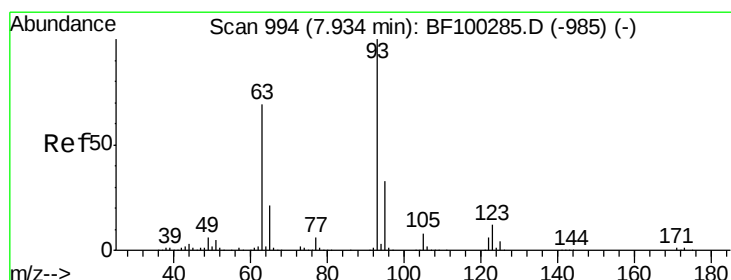
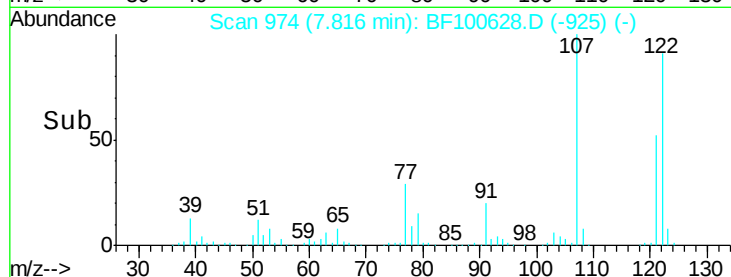
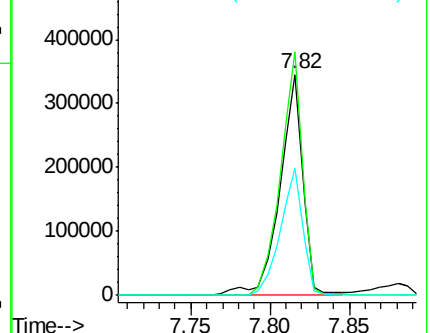
121 57.8 47.2 70.8



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: 47.061 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

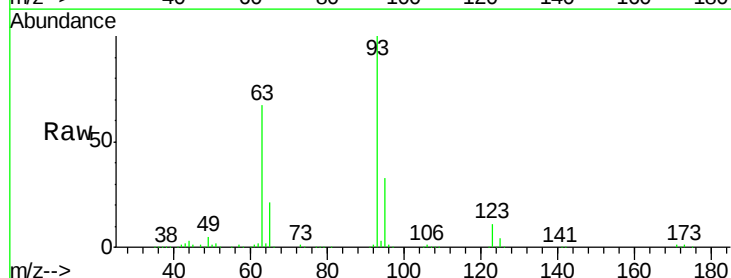
Tgt Ion: 93 Resp: 467194

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

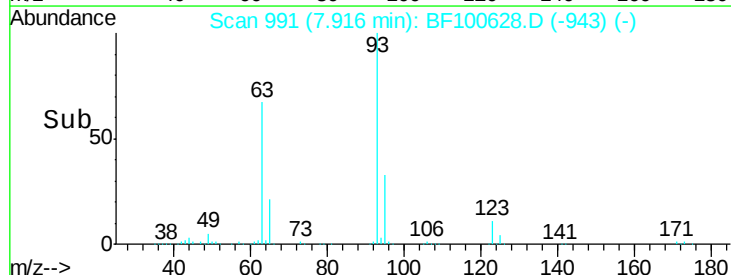
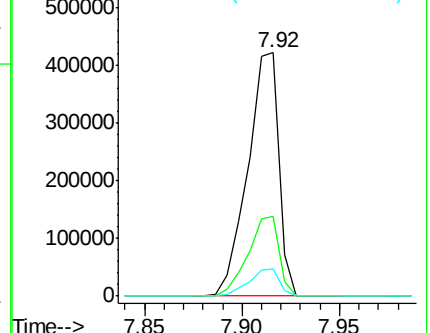
123 11.3 9.8 14.6

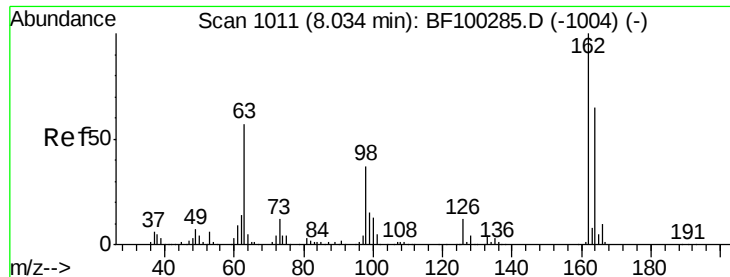


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

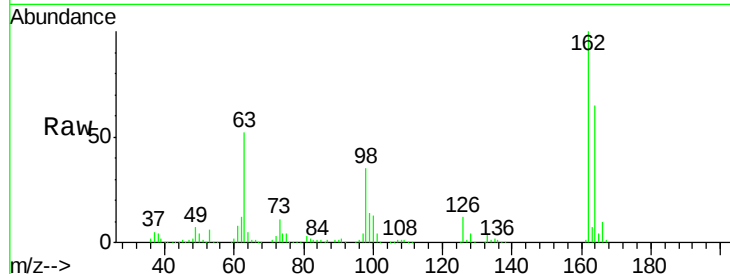




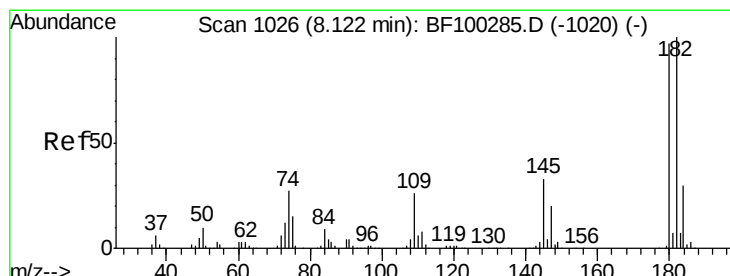
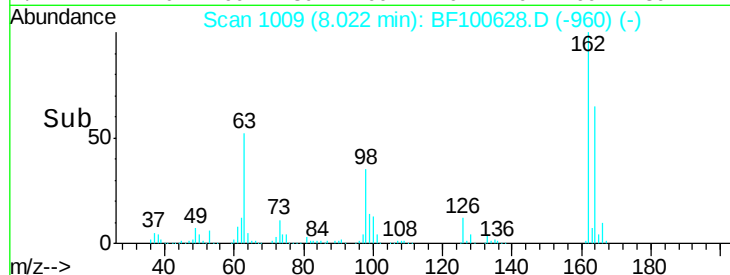
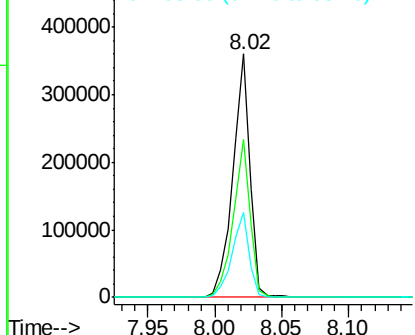
#29
 2,4-Dichlorophenol
 Concen: 50.439 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	35.0	18.1	58.1

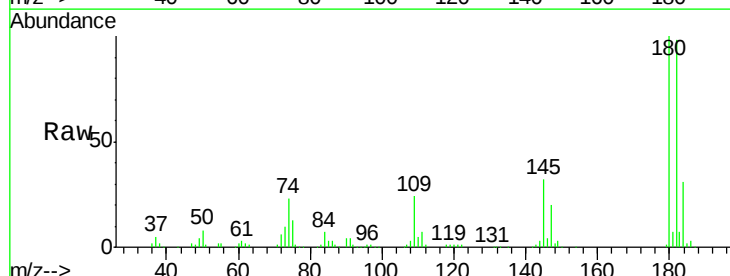


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

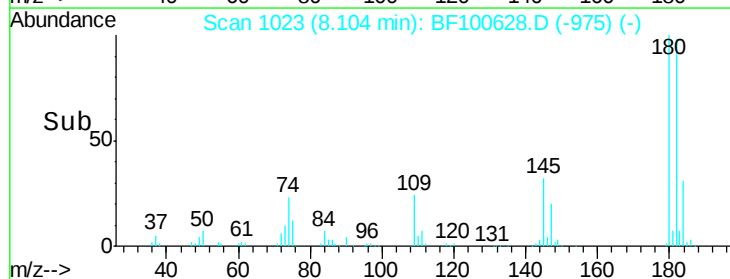
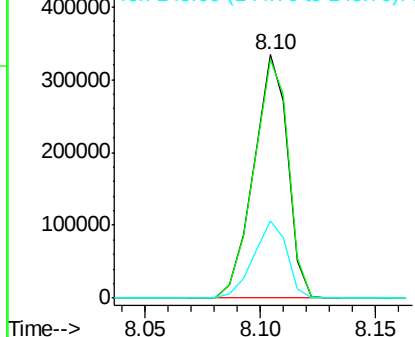


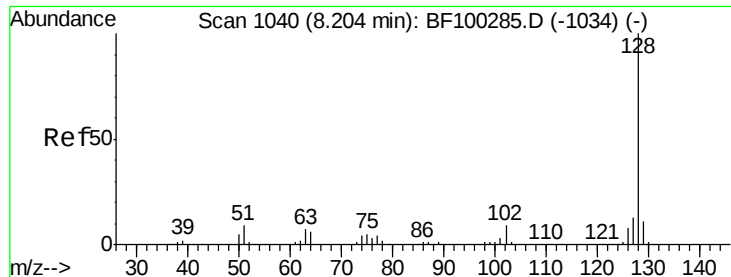
#30
 1,2,4-Trichlorobenzene
 Concen: 48.560 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.8	115.2
145	31.8	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

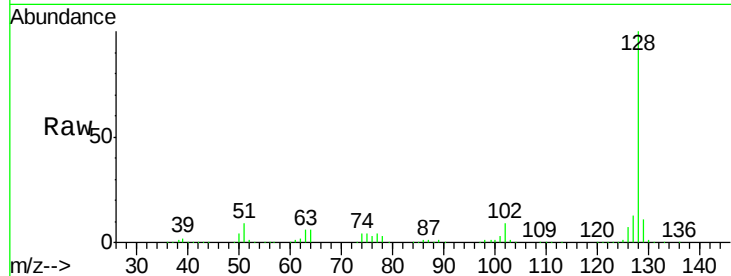




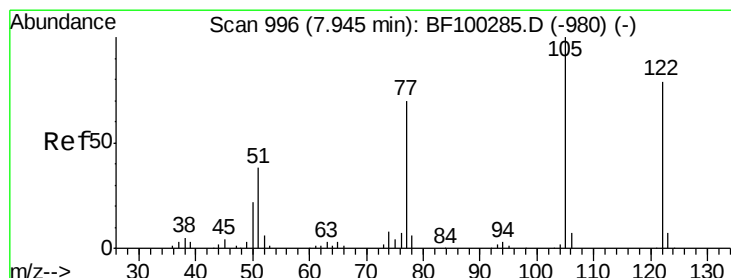
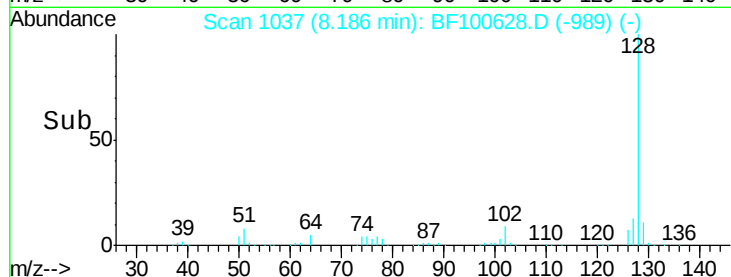
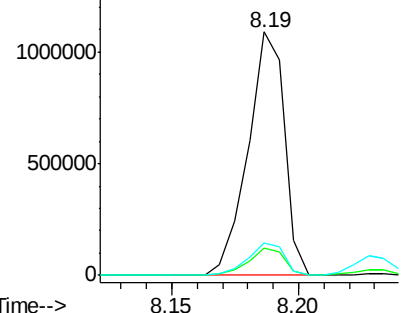
#31
Naphthalene
Concen: 47.869 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

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

Tgt Ion:128 Resp: 1100903
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3

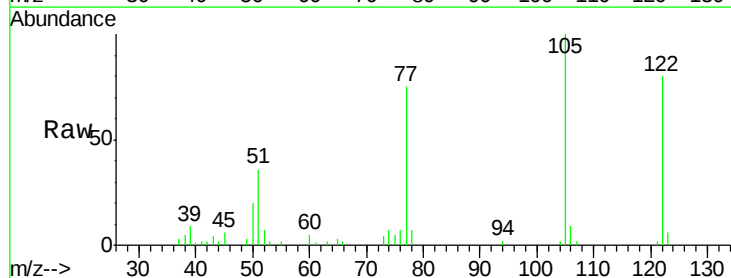


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

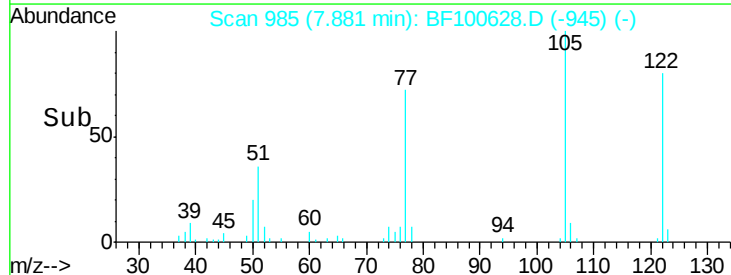
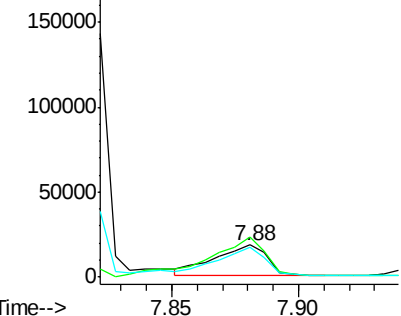


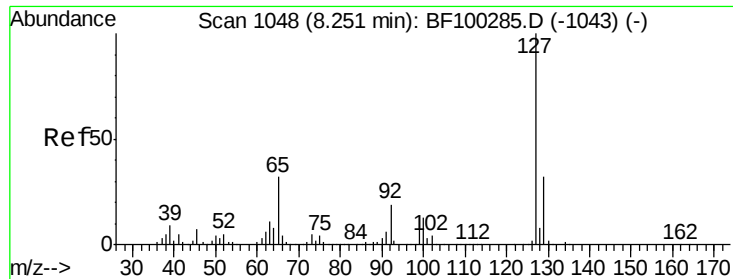
#32
Benzoic acid
Concen: 13.400 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.06 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:122 Resp: 26082
Ion Ratio Lower Upper
122 100
105 125.5 101.1 141.1
77 93.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

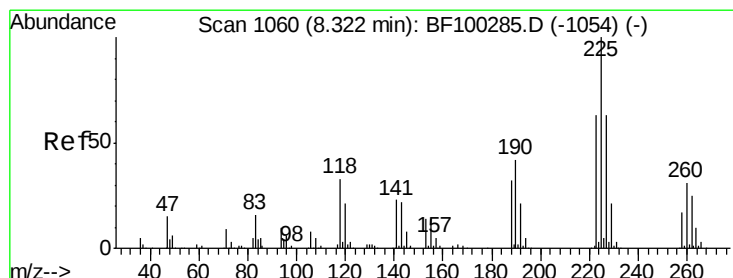
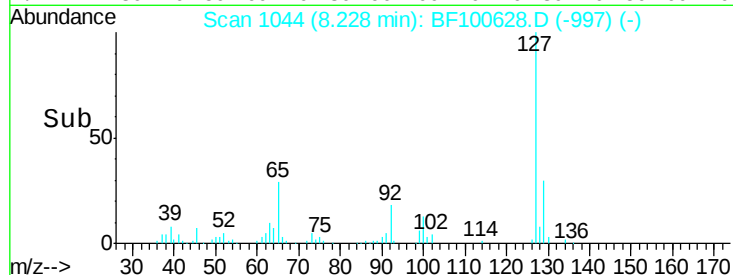
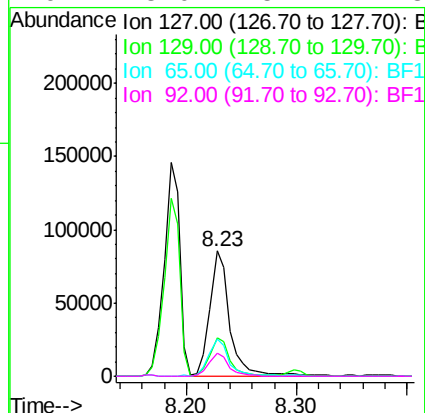
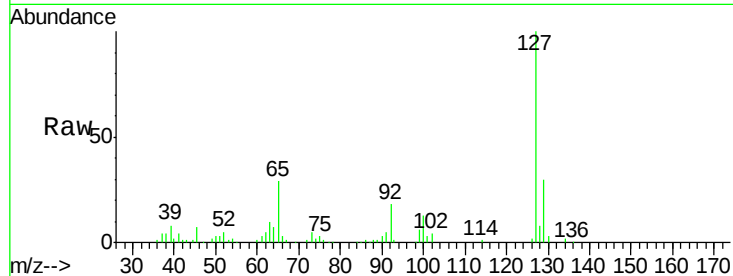




#33
4-Chloroaniline
Concen: 10.868 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

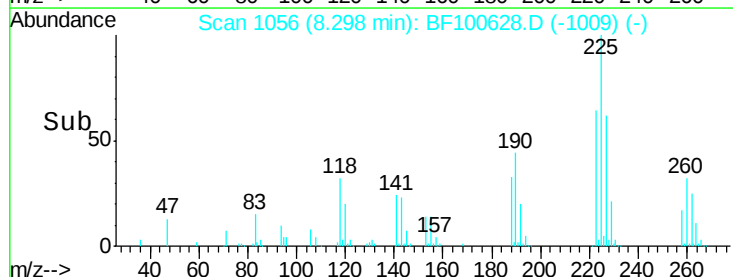
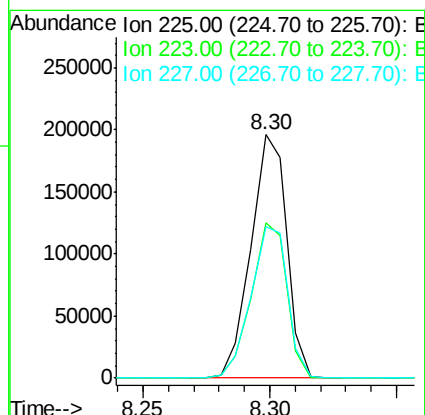
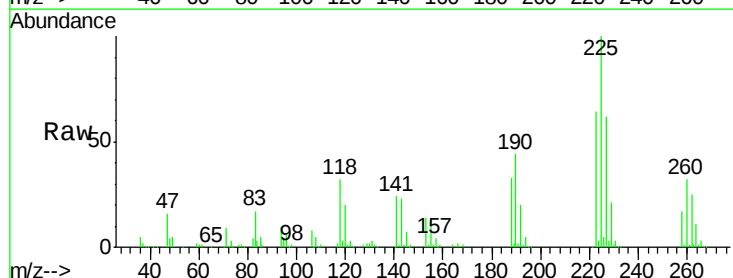
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

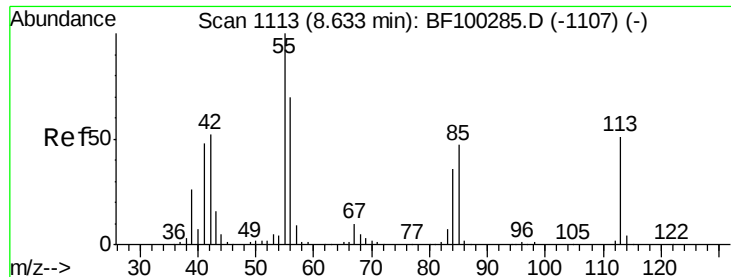
Tgt Ion:	127	Resp:	104041
Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.9	38.9
65	29.4	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 46.121 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:	225	Resp:	192658
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	62.2	51.9	77.9

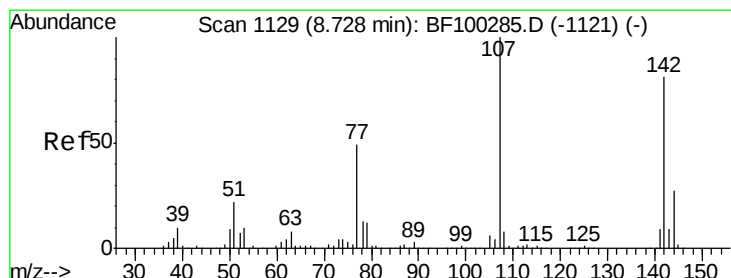
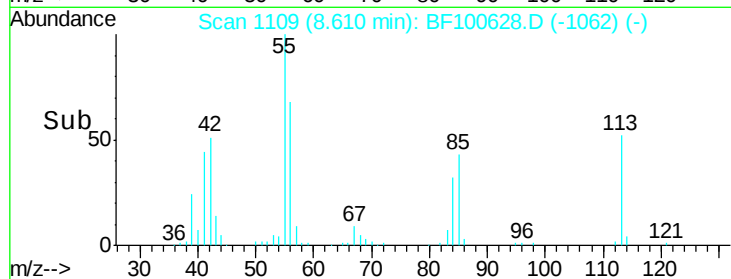
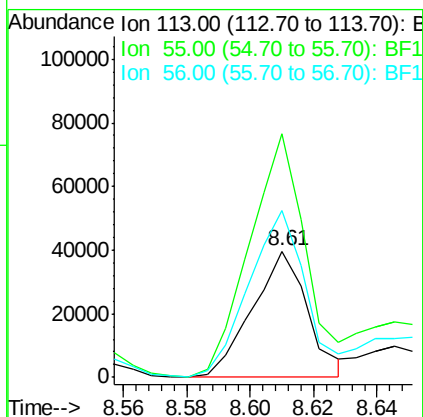
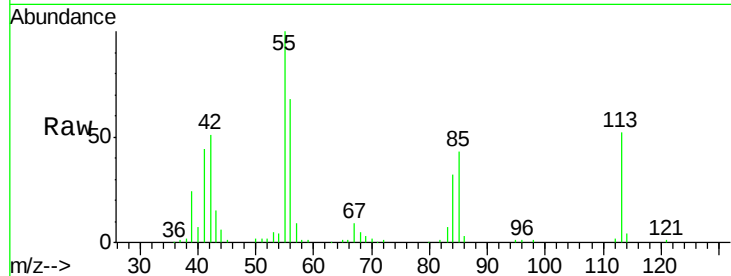




#35
 Caprolactam
 Concen: 21.542 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

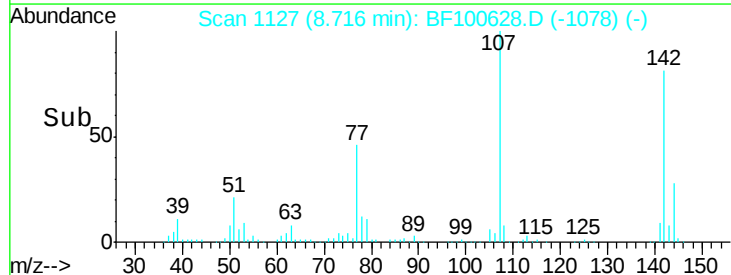
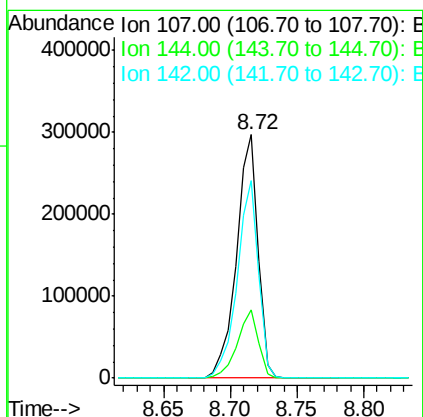
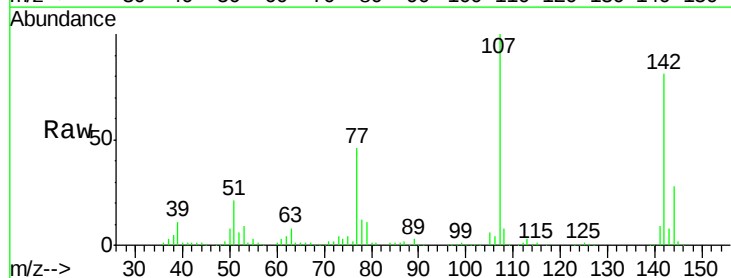
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

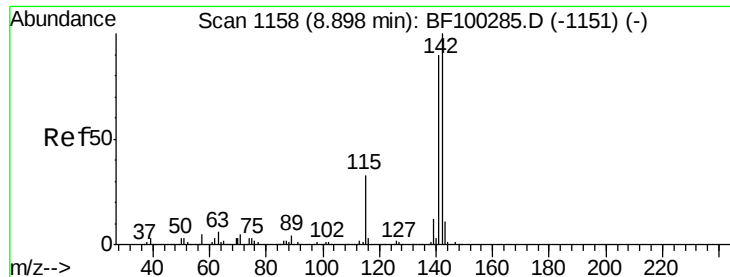
Tgt Ion:113 Resp: 48015
 Ion Ratio Lower Upper
 113 100
 55 193.4 163.3 203.3
 56 132.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.074 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion:107 Resp: 335344
 Ion Ratio Lower Upper
 107 100
 144 27.9 20.5 30.7
 142 81.1 62.0 93.0

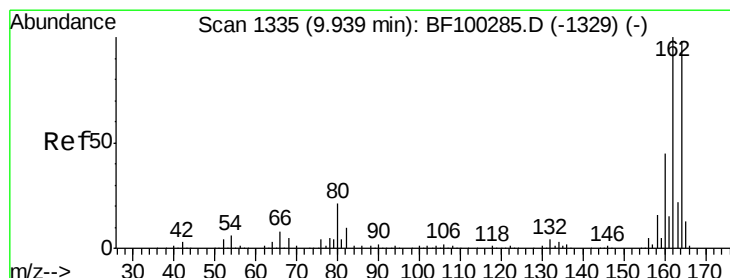
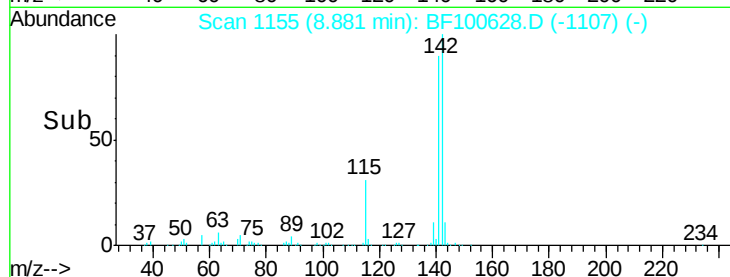
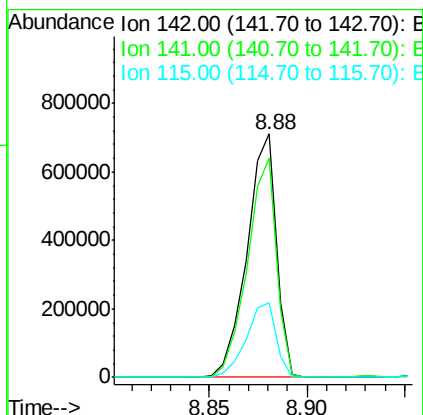
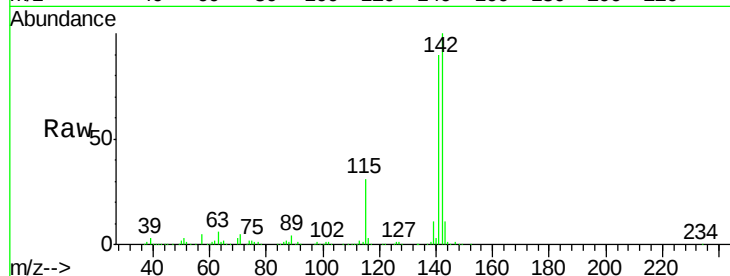




#37
 2-Methylnaphthalene
 Concen: 48.584 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

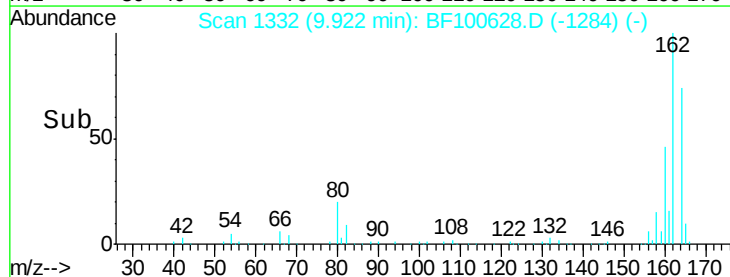
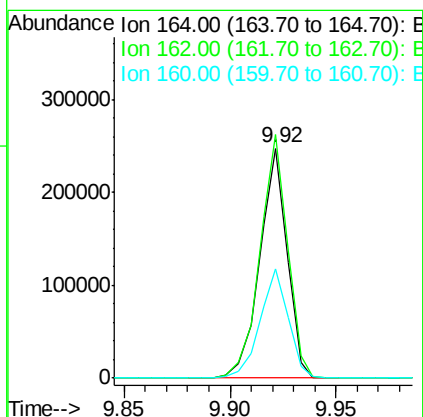
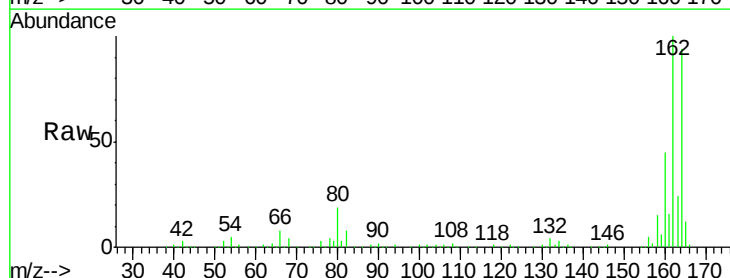
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

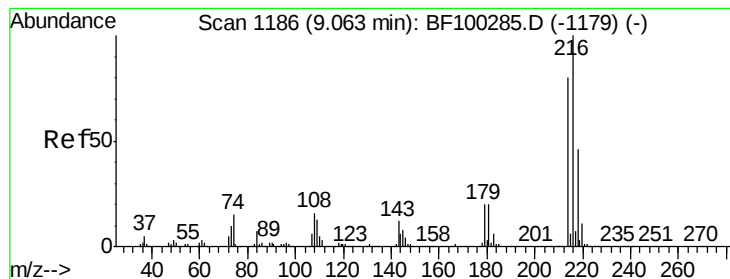
Tgt Ion:142 Resp: 741810
 Ion Ratio Lower Upper
 142 100
 141 89.8 70.8 106.2
 115 30.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion:164 Resp: 222792
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 47.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.606 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

Tgt Ion:216 Resp: 329591

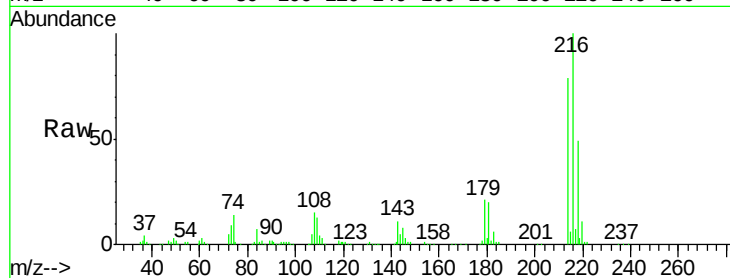
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 20.2 18.1 27.1

108 18.6 17.2 25.8

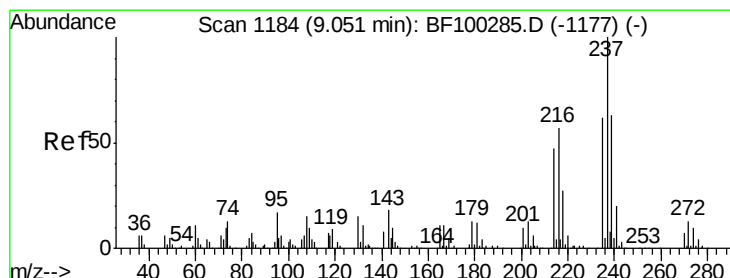
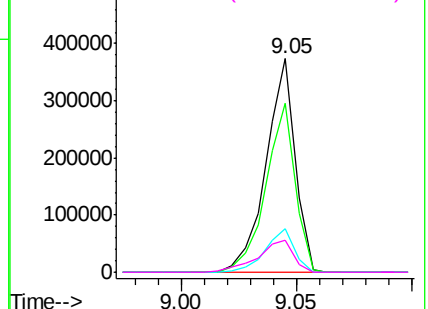
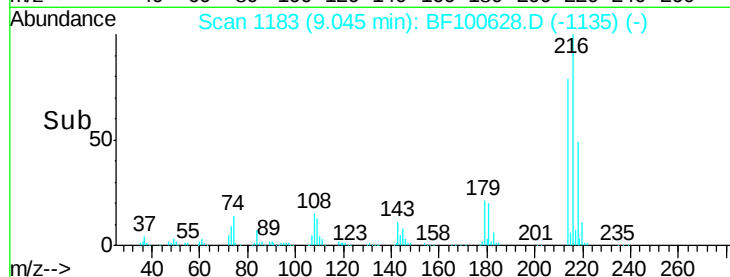


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.549 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

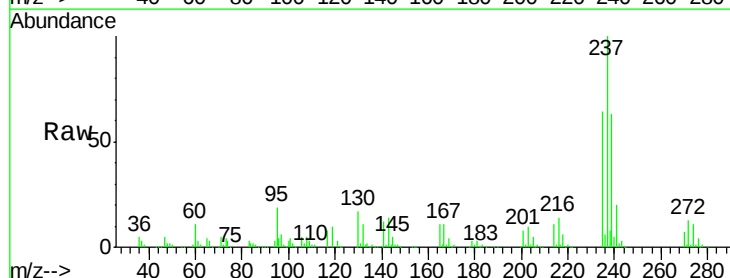
Tgt Ion:237 Resp: 318370

Ion Ratio Lower Upper

237 100

235 64.5 44.8 84.8

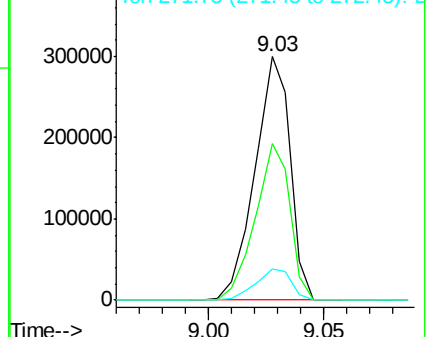
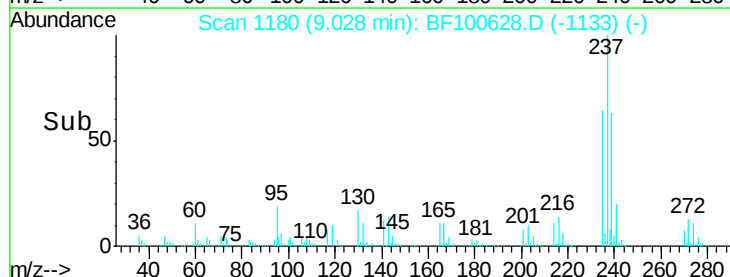
272 12.6 0.0 33.3

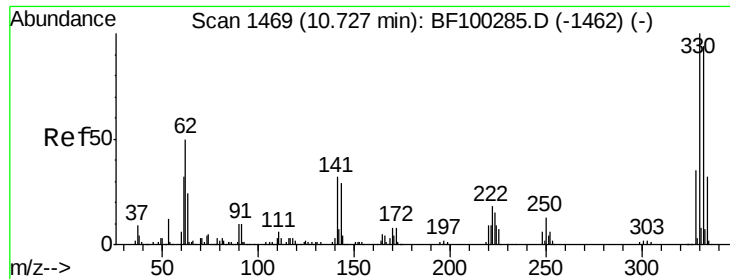


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

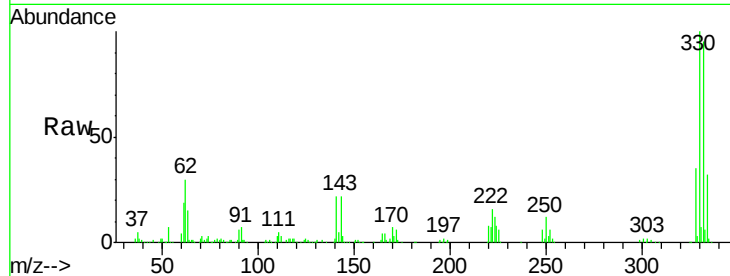




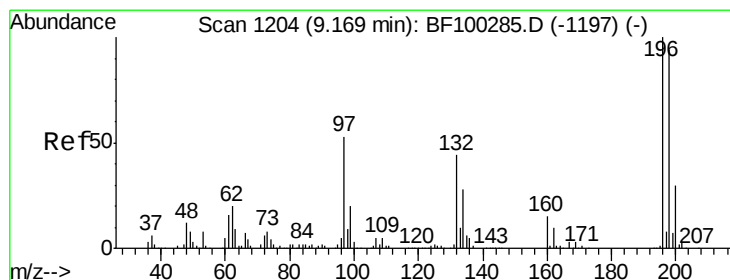
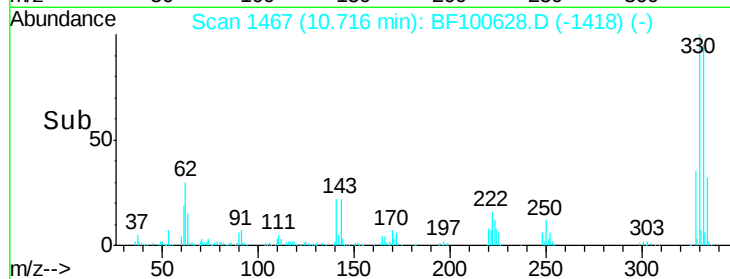
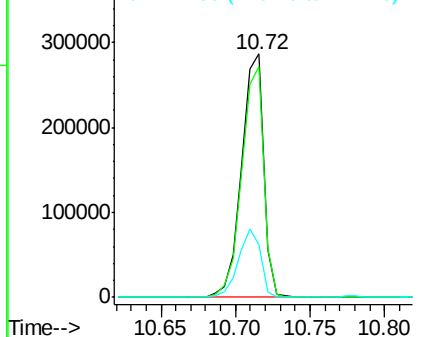
#41
 2,4,6-Tribromophenol
 Concen: 129.573 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	28.6	29.9	44.9#

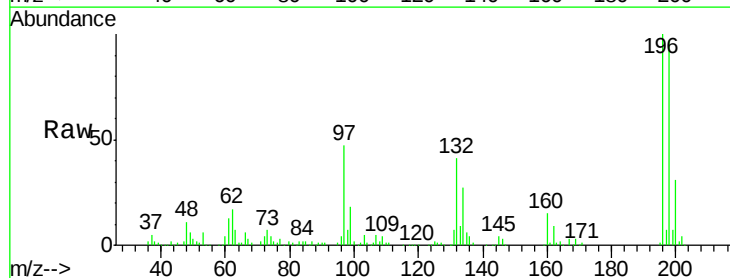


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

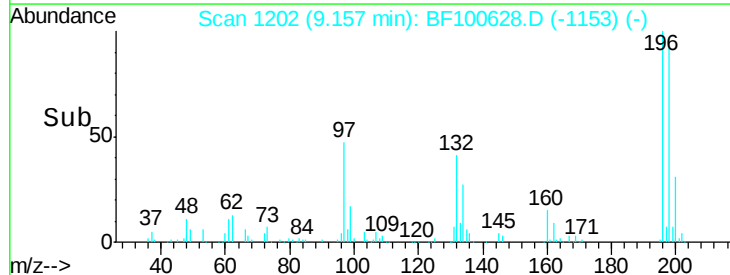
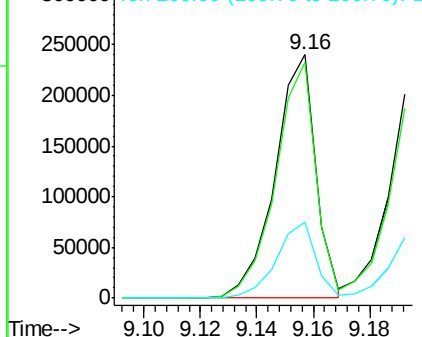


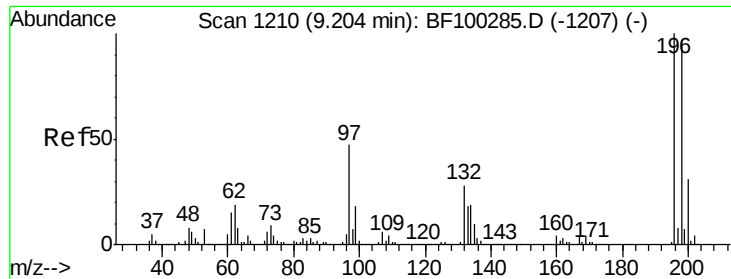
#42
 2,4,6-Trichlorophenol
 Concen: 51.253 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	31.0	24.5	36.7



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

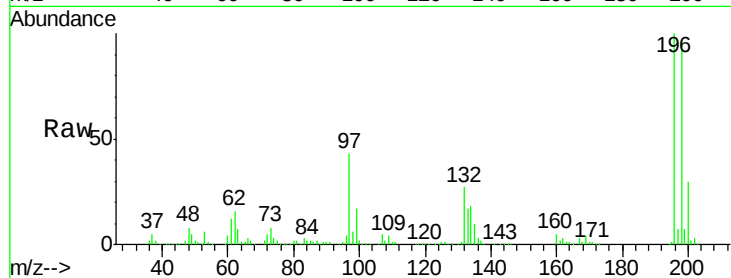




#43
 2,4,5-Trichlorophenol
 Concen: 52.865 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

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

Tgt Ion	Resp	Lower	Upper
196	256497		
196	100		
198	97.5	74.6	112.0
97	43.0	42.9	64.3
132	27.4	26.3	39.5



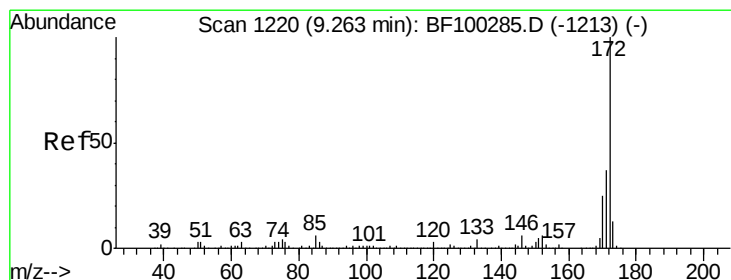
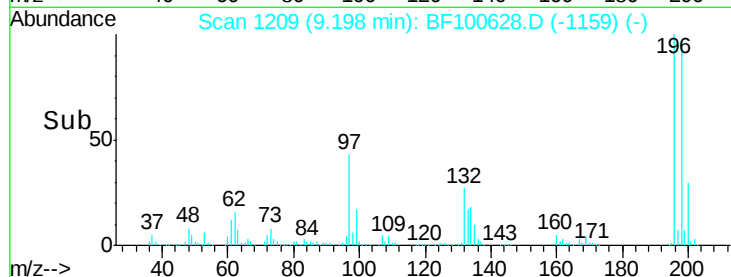
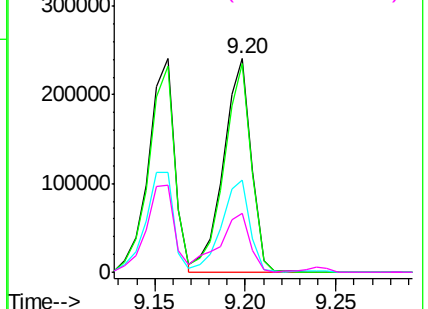
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

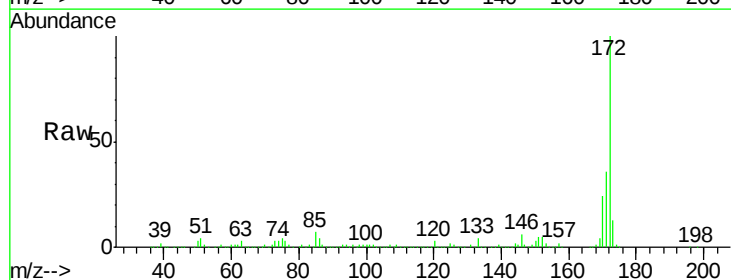
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.360 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Resp	Lower	Upper
172	1278182		
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4

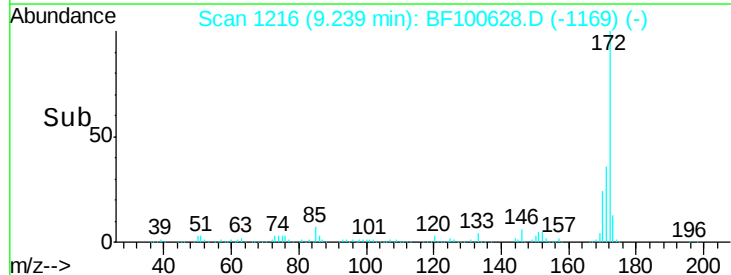
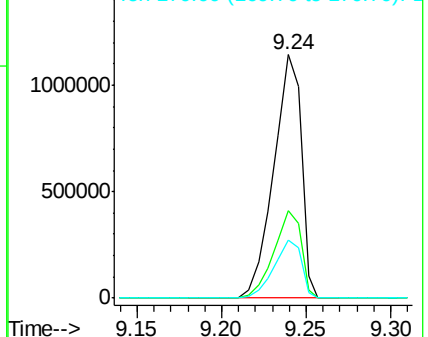


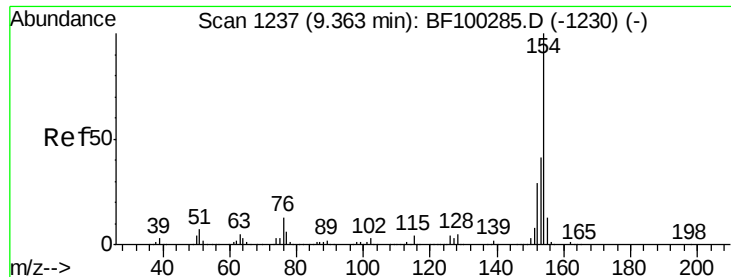
Abundance

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

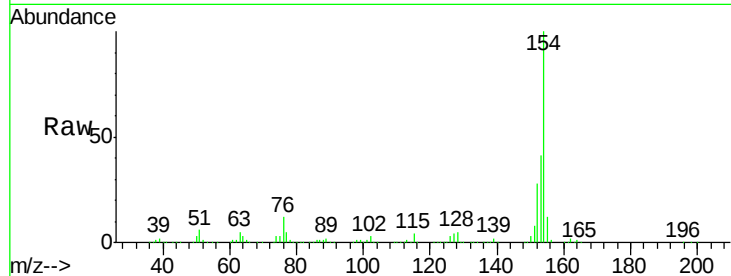




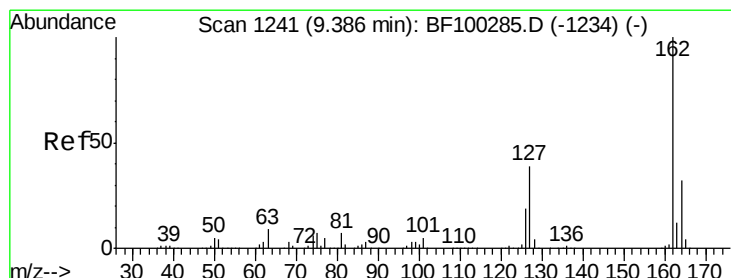
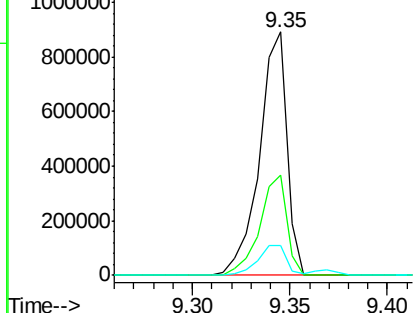
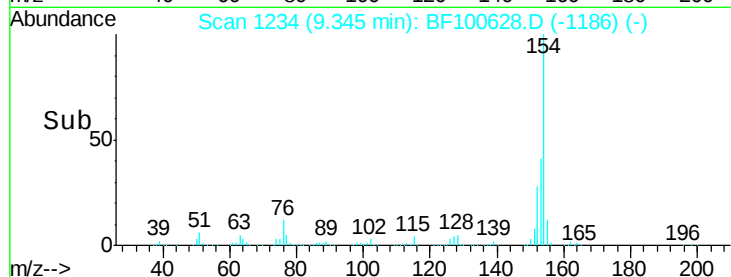
#45
 1,1'-Biphenyl
 Concen: 45.067 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	12.1	0.0	34.0

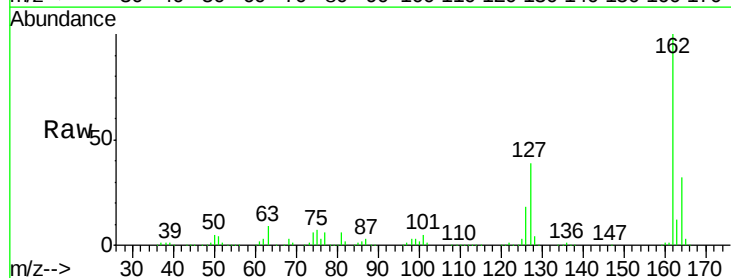


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

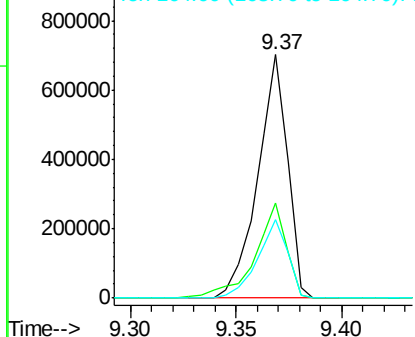
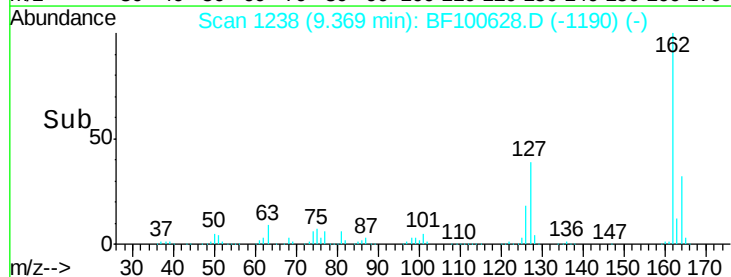


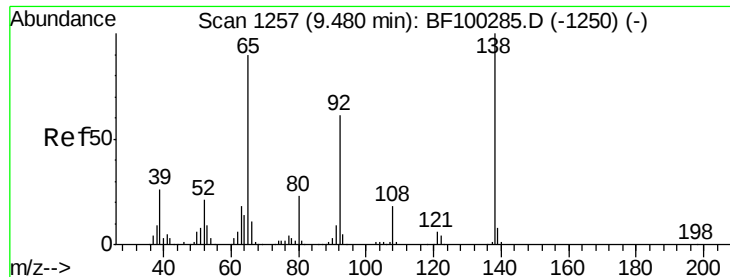
#46
 2-Chloronaphthalene
 Concen: 49.029 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.9	50.9
164	32.4	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

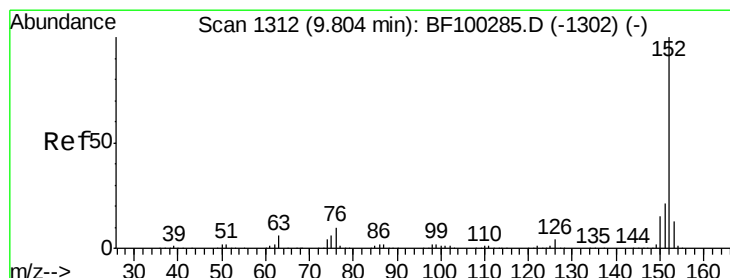
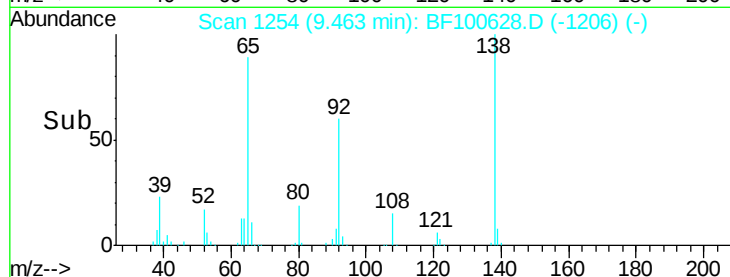
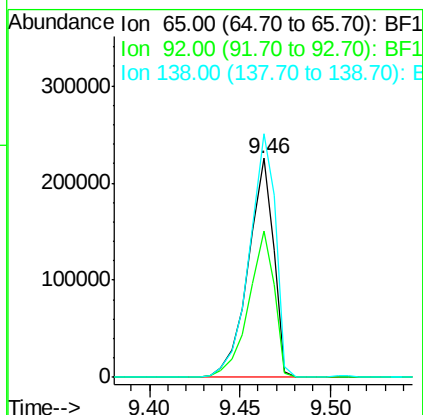
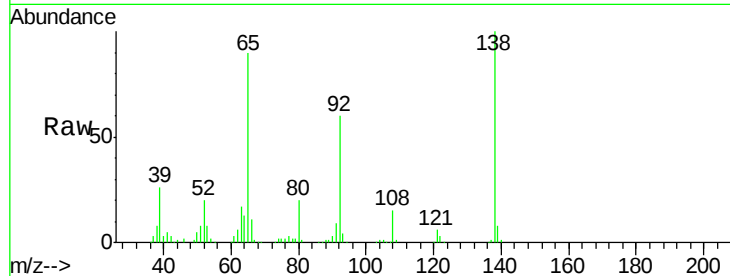




#47
2-Nitroaniline
Concen: 52.986 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

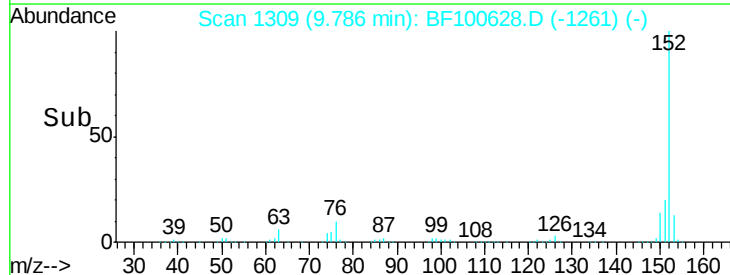
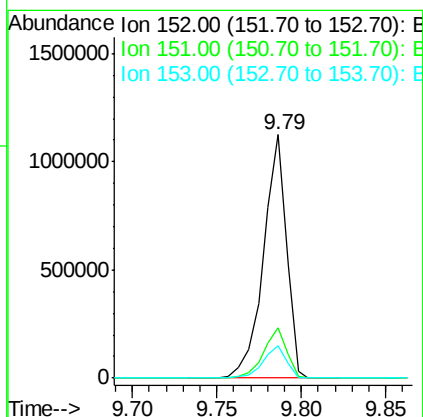
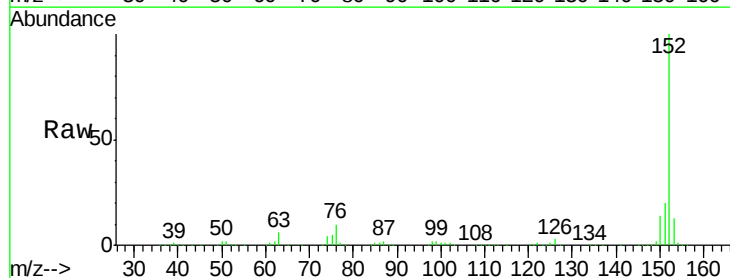
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

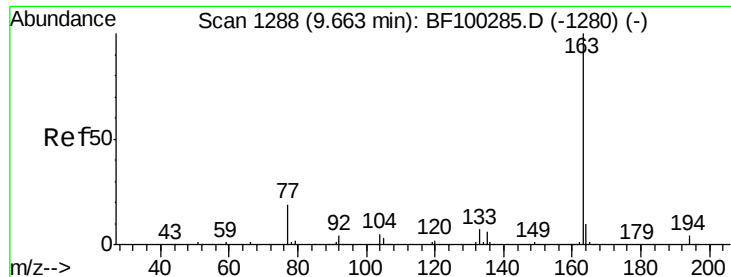
Tgt Ion: 65 Resp: 220134
Ion Ratio Lower Upper
65 100
92 67.0 55.8 83.6
138 111.2 91.2 136.8



#48
Acenaphthylene
Concen: 45.681 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion: 152 Resp: 1058278
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.7 16.1

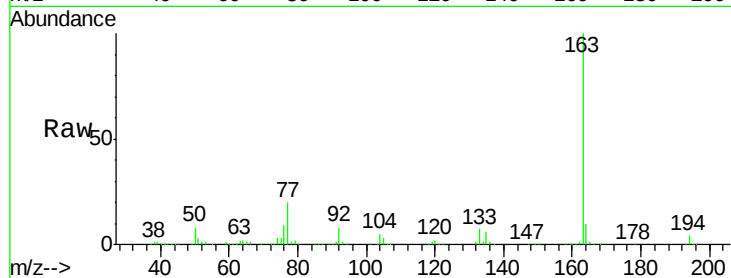




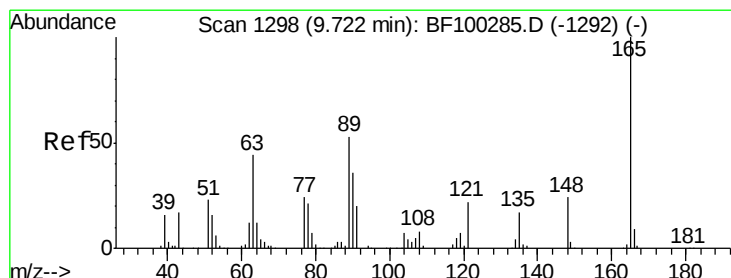
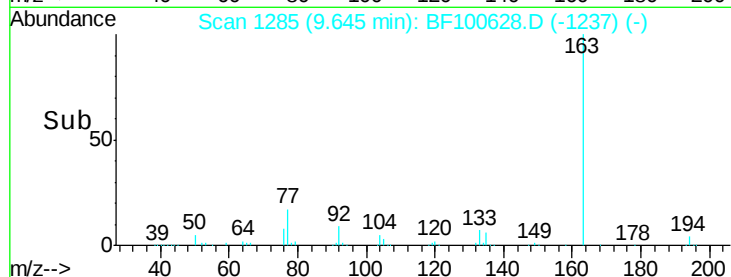
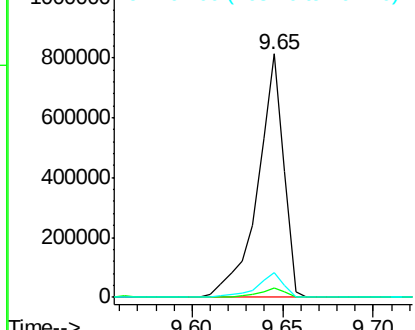
#49
Dimethylphthalate
Concen: 47.516 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

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

Tgt Ion:163 Resp: 808265
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

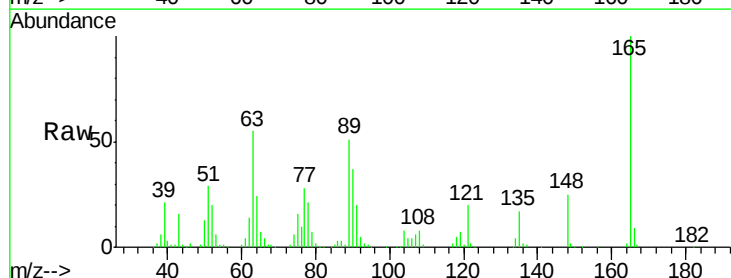


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

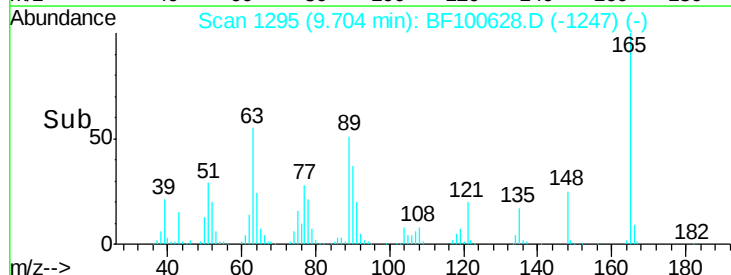
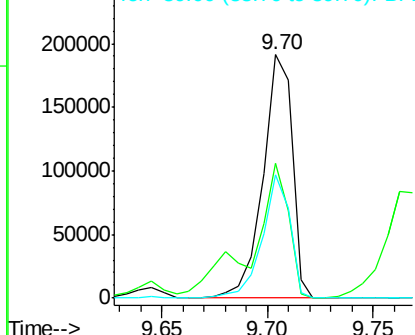


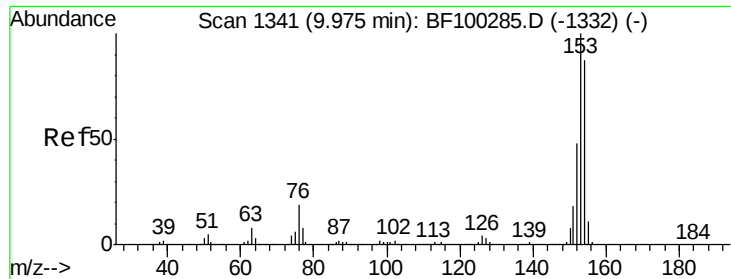
#50
2,6-Dinitrotoluene
Concen: 54.922 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:165 Resp: 184928
Ion Ratio Lower Upper
165 100
63 55.3 44.7 67.1
89 50.7 44.0 66.0



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





#51

Acenaphthene

Concen: 44.709 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

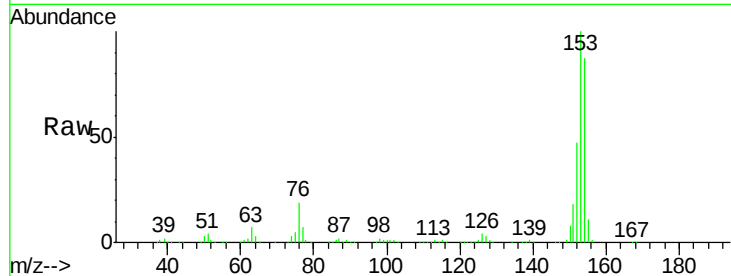
Tgt Ion:154 Resp: 629924

Ion Ratio Lower Upper

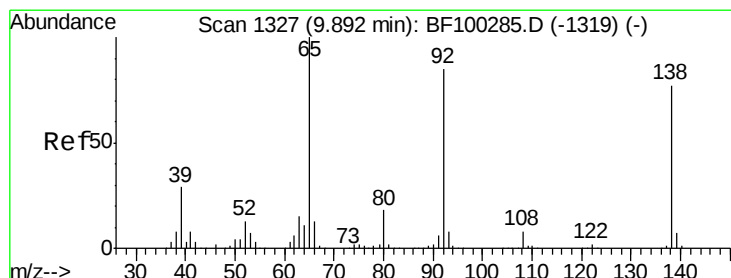
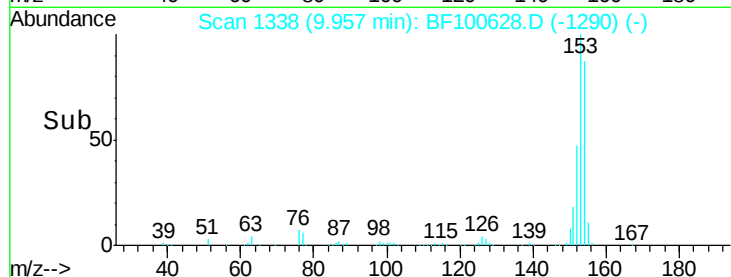
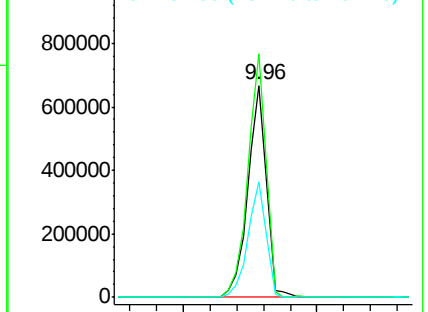
154 100

153 115.1 91.2 136.8

152 54.4 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: 23.564 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

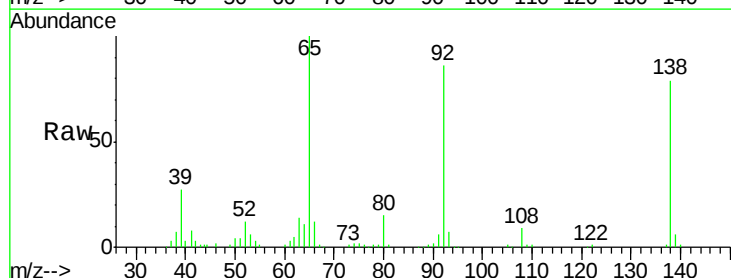
Tgt Ion:138 Resp: 93692

Ion Ratio Lower Upper

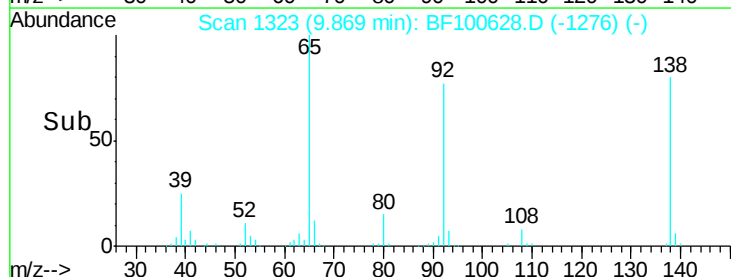
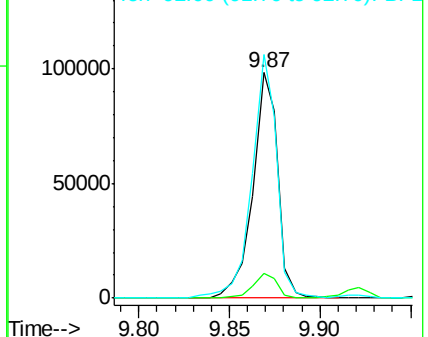
138 100

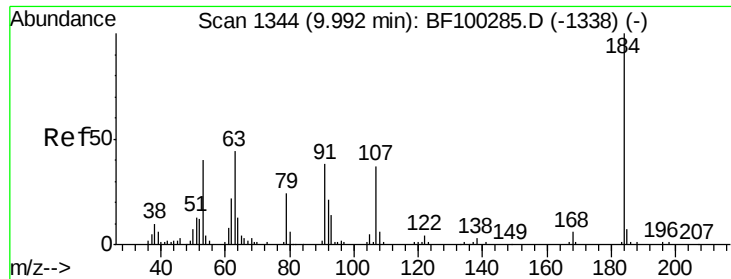
108 10.8 9.4 14.0

92 108.0 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

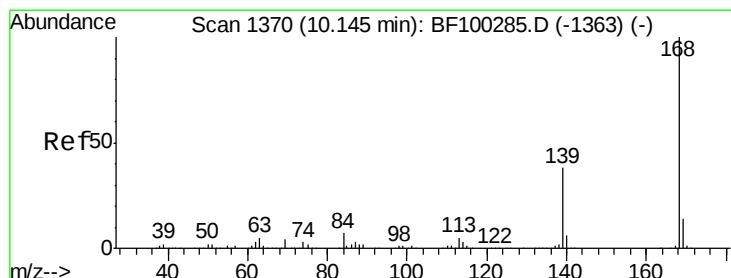
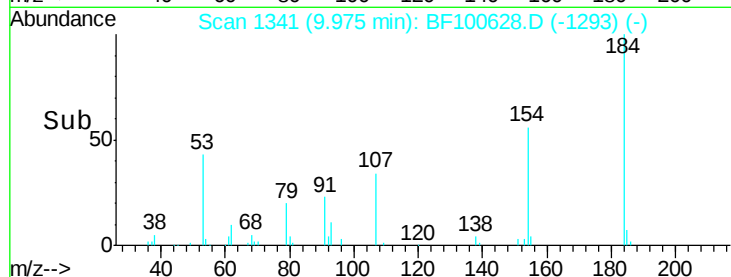
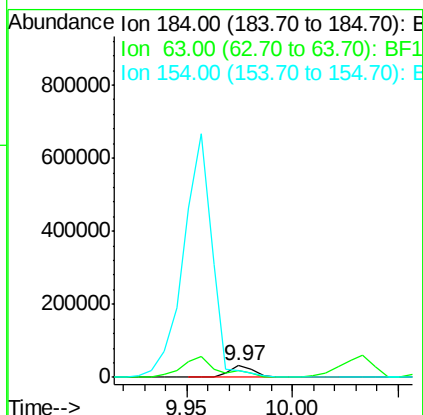
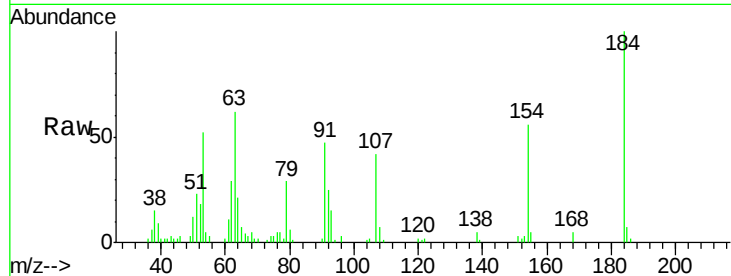




#53
 2,4-Dinitrophenol
 Concen: 29.816 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

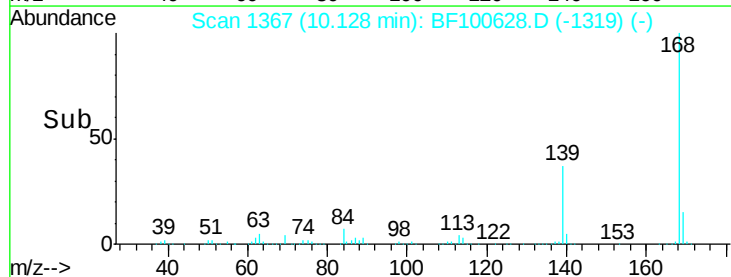
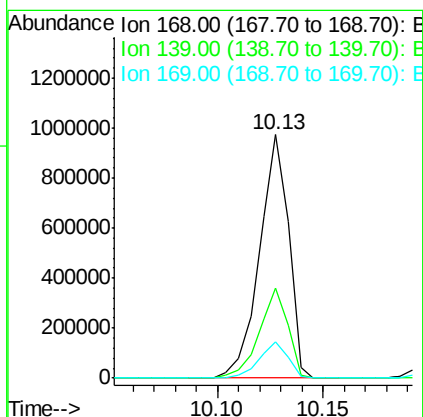
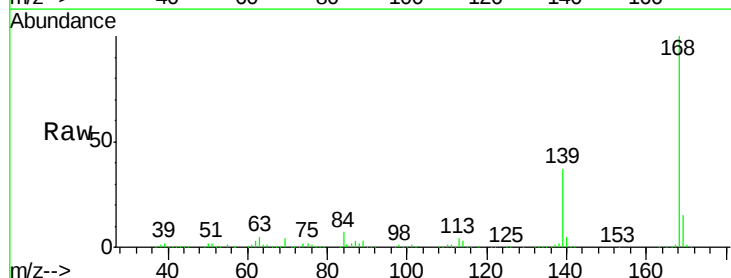
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

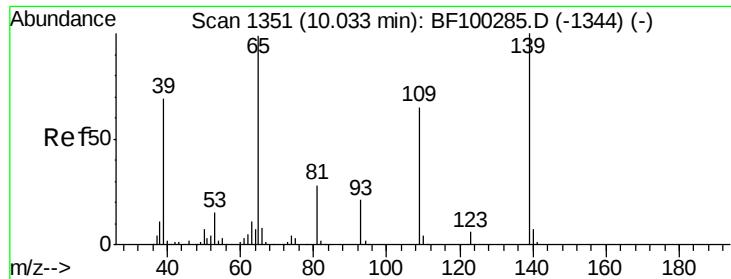
Tgt Ion:184 Resp: 27118
 Ion Ratio Lower Upper
 184 100
 63 61.7 54.2 81.2
 154 56.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 47.375 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion:168 Resp: 935532
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.1 45.1
 169 14.6 10.9 16.3

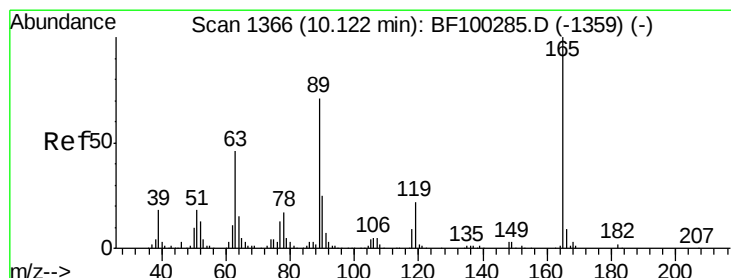
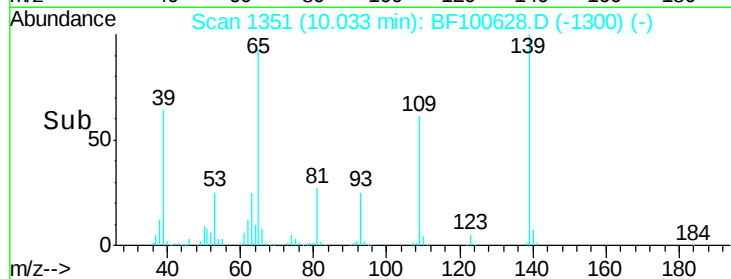
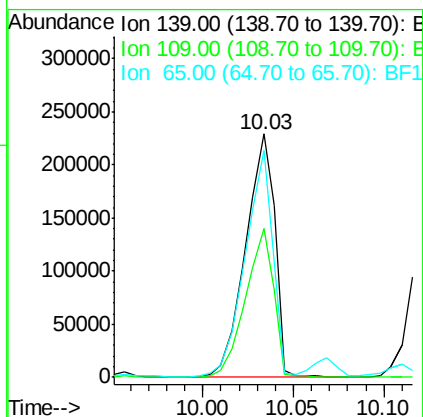
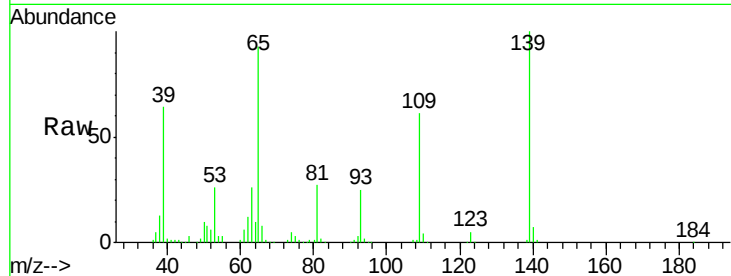




#55
4-Nitrophenol
Concen: 80.090 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

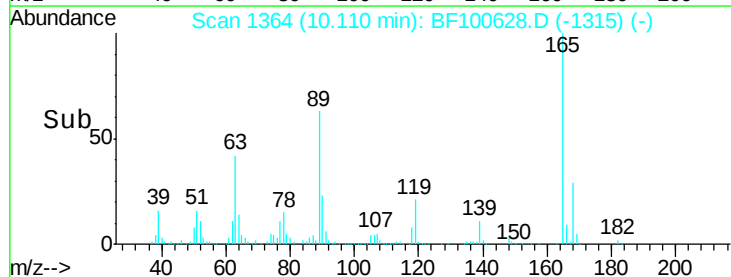
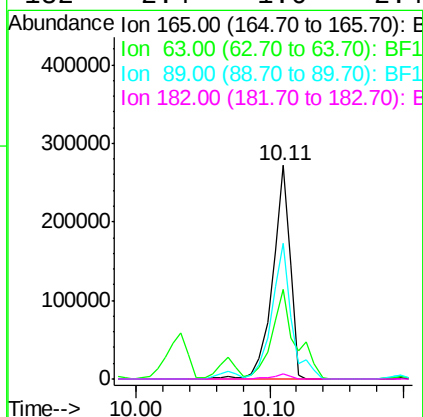
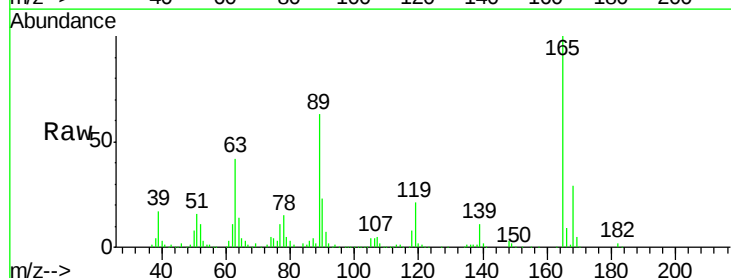
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

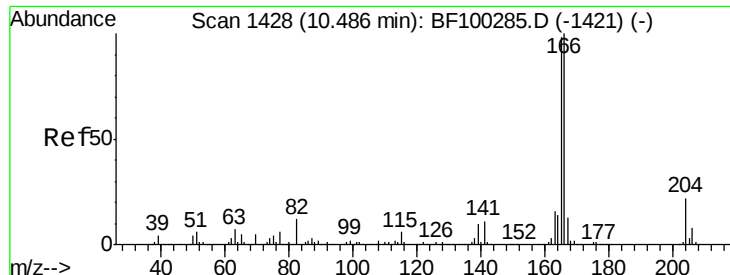
Tgt Ion:139 Resp: 258572
Ion Ratio Lower Upper
139 100
109 61.0 48.4 88.4
65 93.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 58.209 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:165 Resp: 247257
Ion Ratio Lower Upper
165 100
63 42.1 36.4 54.6
89 63.3 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 48.831 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

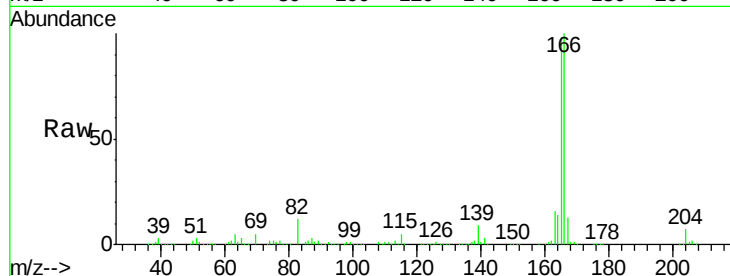
Tgt Ion:166 Resp: 706398

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

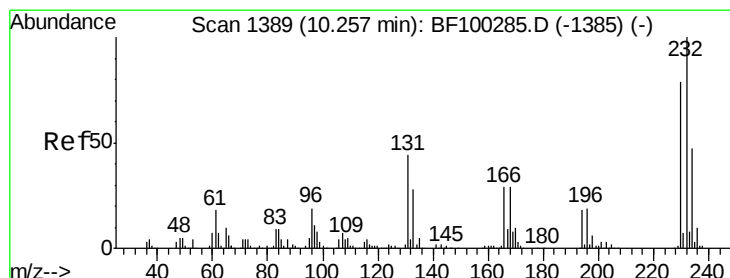
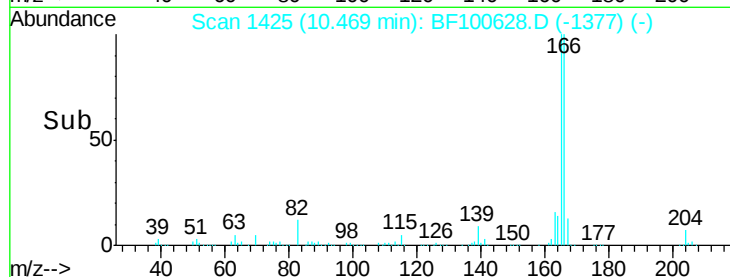
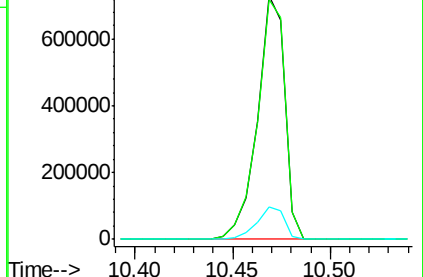
167 13.5 10.6 16.0



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: 50.788 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Tgt Ion:232 Resp: 201959

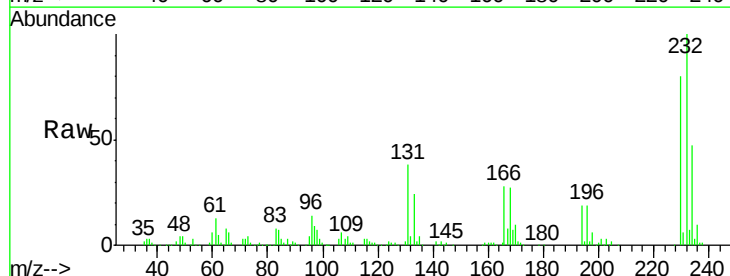
Ion Ratio Lower Upper

232 100

131 42.9 43.8 65.8#

130 2.0 2.1 3.1#

166 29.6 27.8 41.6

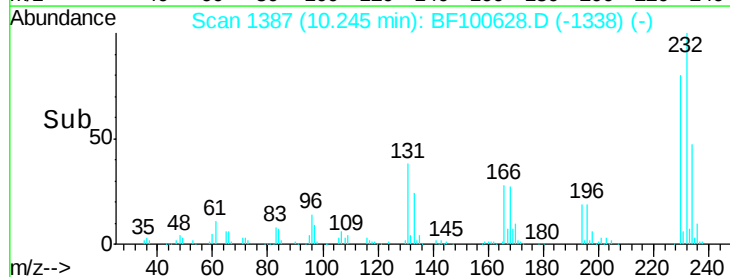
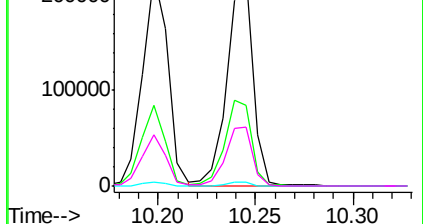


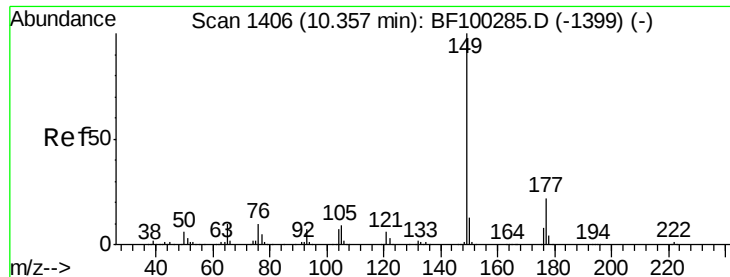
Abundance Ion 232.00 (231.70 to 232.70): E

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

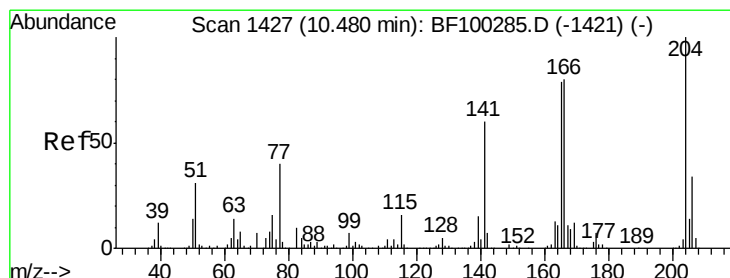
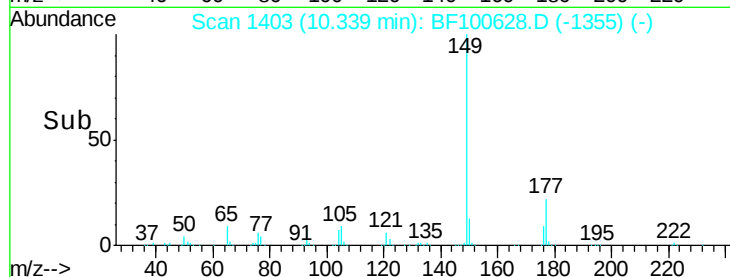
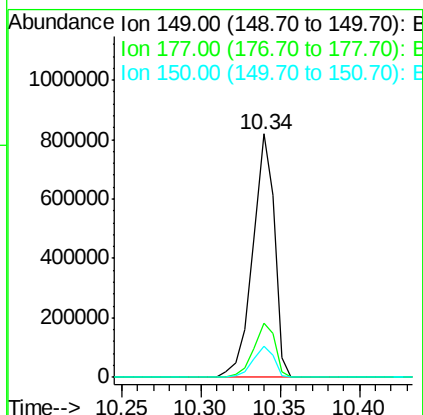
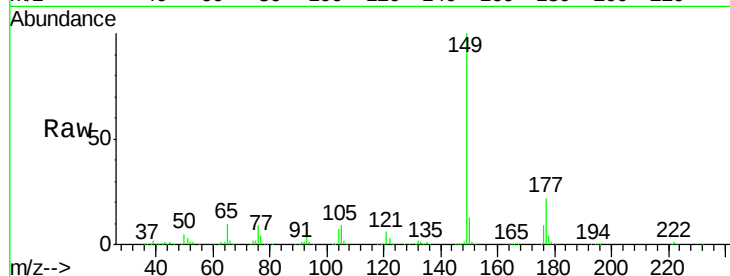




#59
Diethylphthalate
Concen: 45.577 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

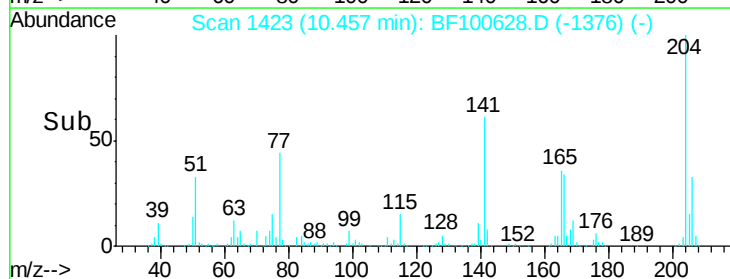
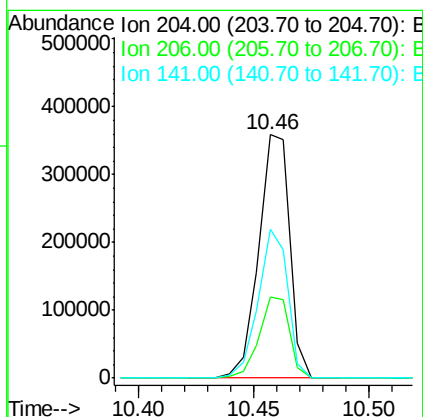
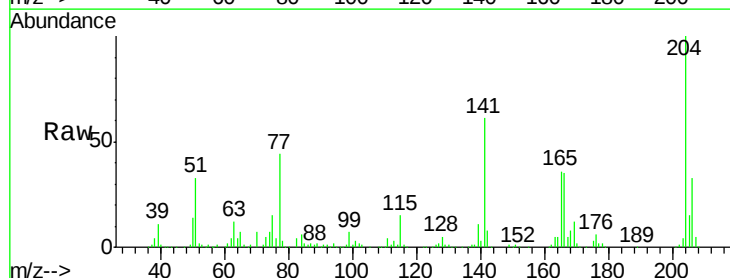
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

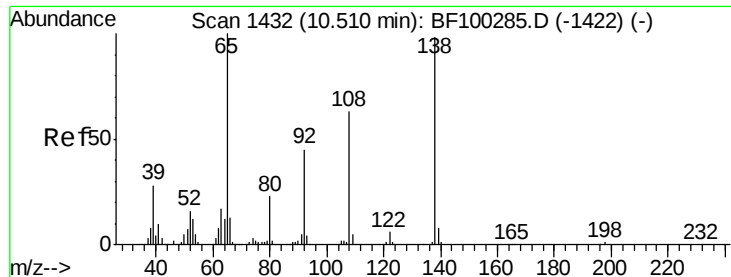
Tgt Ion:149 Resp: 775846
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 47.643 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:204 Resp: 338101
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 61.3 54.6 81.8

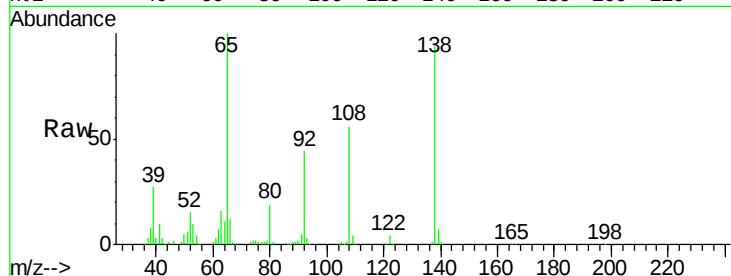




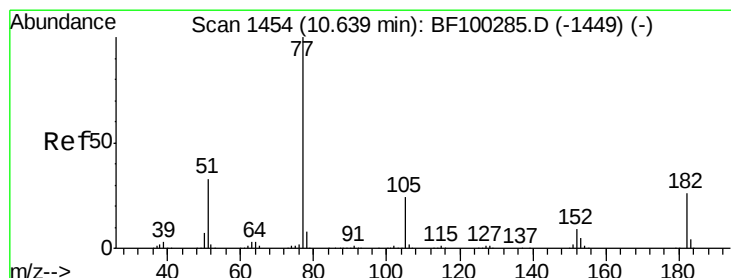
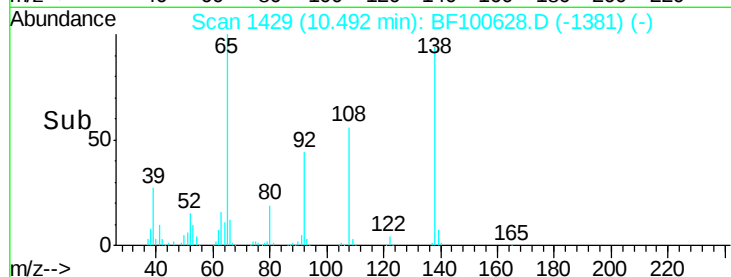
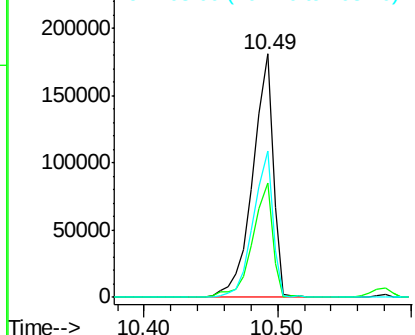
#61
4-Nitroaniline
Concen: 50.449 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

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

Tgt Ion: 138 Resp: 190203
Ion Ratio Lower Upper
138 100
92 47.2 30.2 70.2
108 60.0 52.5 92.5

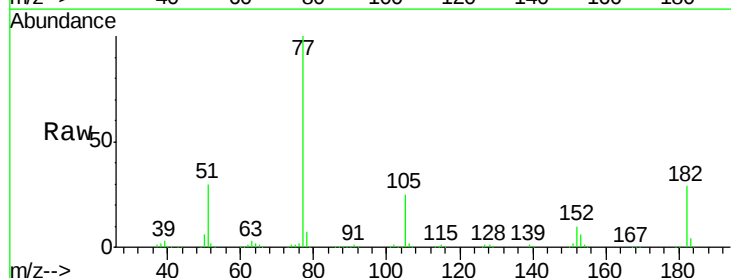


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

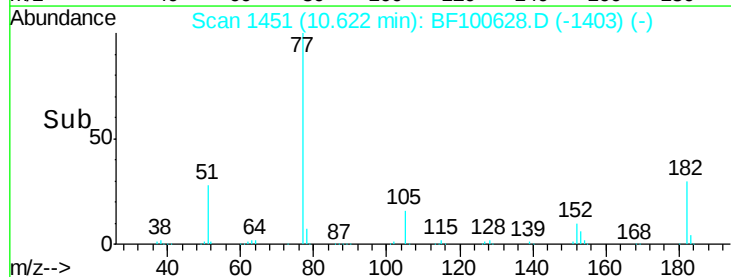
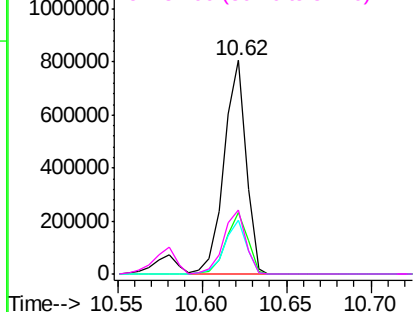


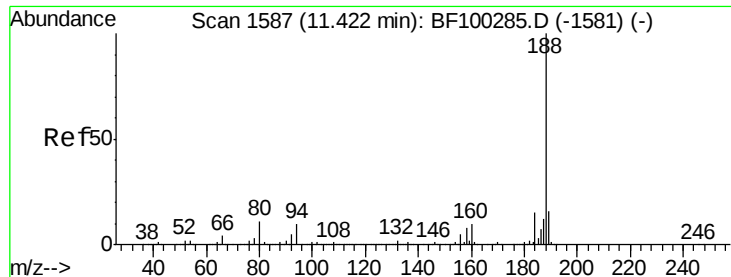
#62
Azobenzene
Concen: 45.234 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion: 77 Resp: 725231
Ion Ratio Lower Upper
77 100
182 28.7 1.7 41.7
105 25.1 3.0 43.0
51 29.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

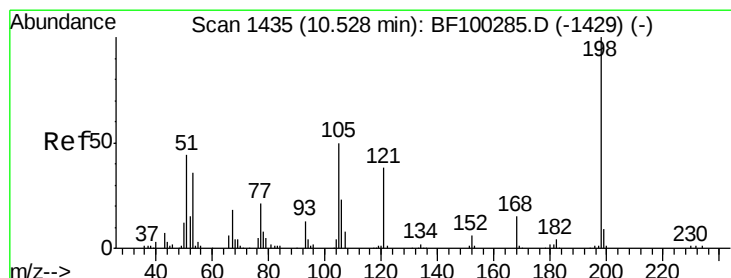
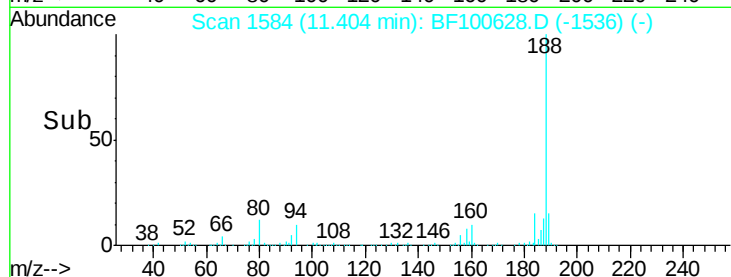
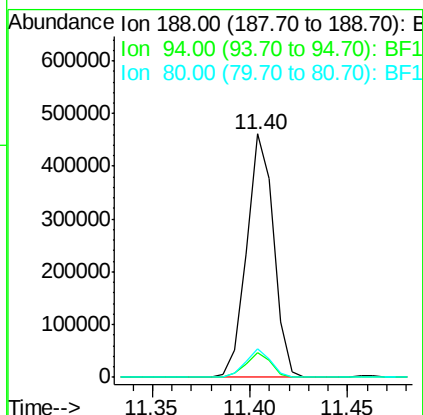
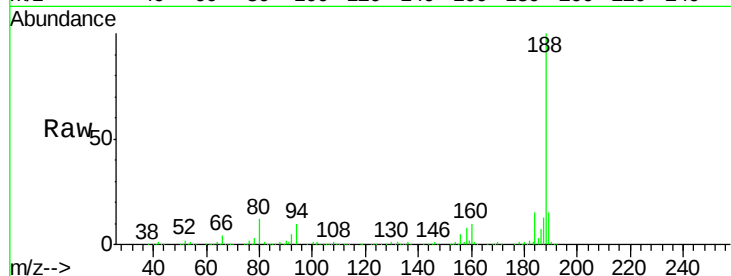




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

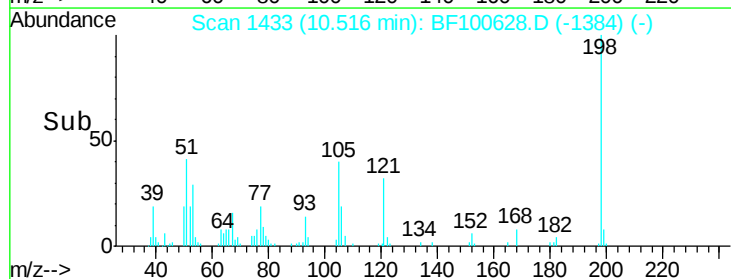
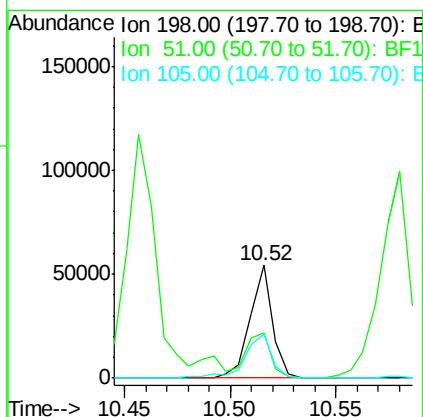
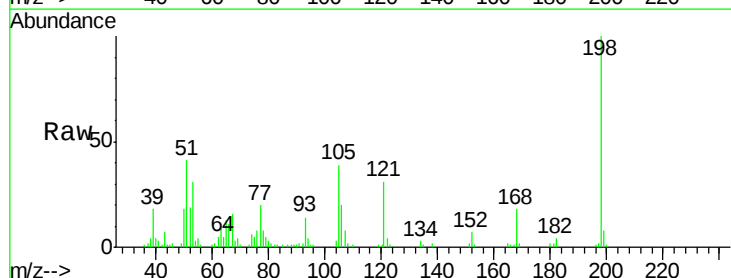
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

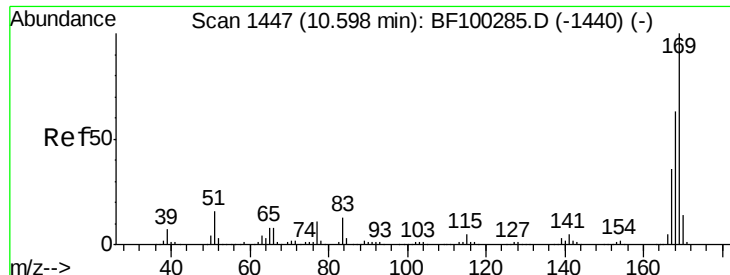
Tgt Ion:188 Resp: 441231
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.473 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion:198 Resp: 40419
 Ion Ratio Lower Upper
 198 100
 51 40.6 37.7 77.7
 105 39.4 36.3 76.3

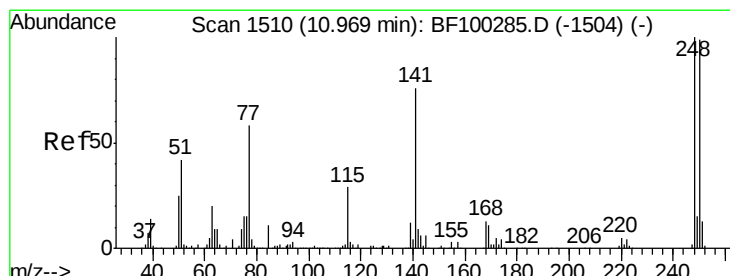
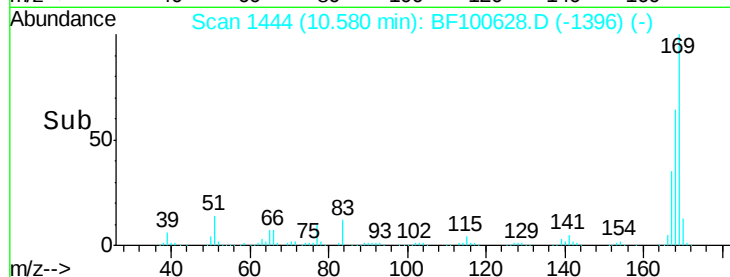
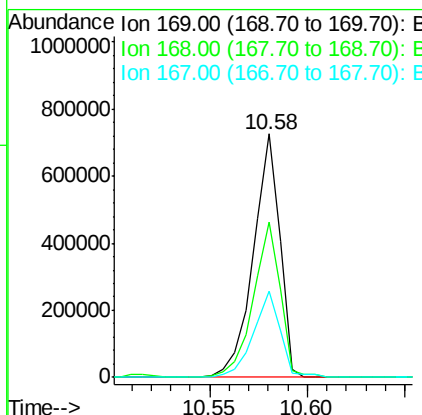
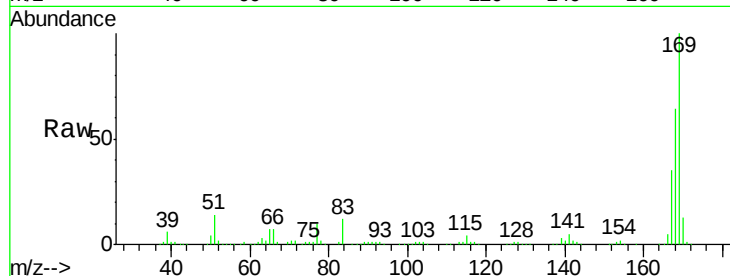




#65
 n-Nitrosodiphenylamine
 Concen: 44.565 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

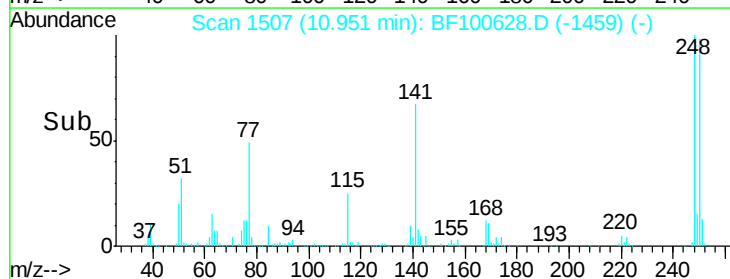
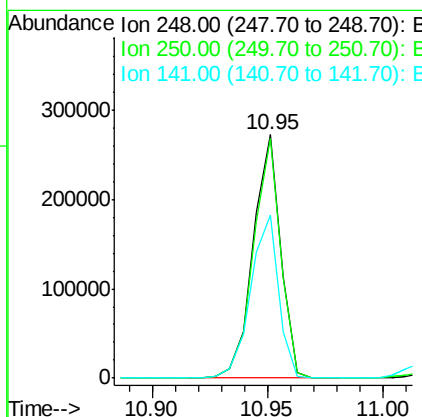
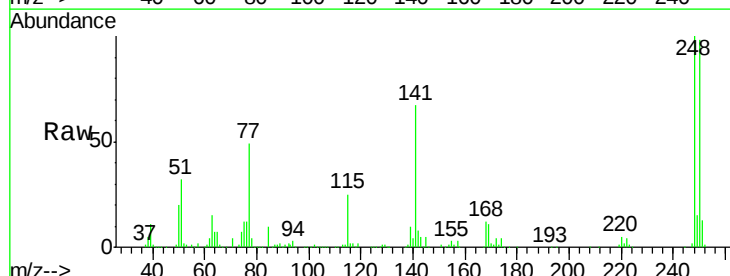
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

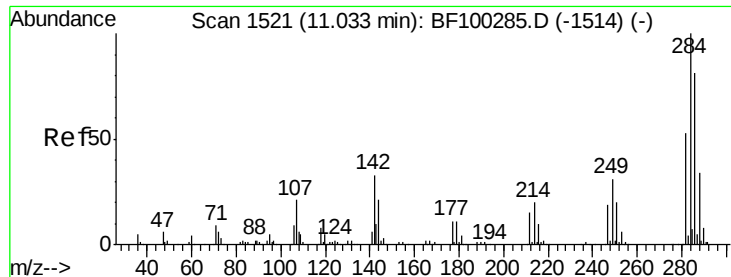
Tgt Ion	Resp	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	35.2	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.918 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Resp	Lower	Upper
248	100		
250	98.5	76.9	115.3
141	66.9	74.4	111.6

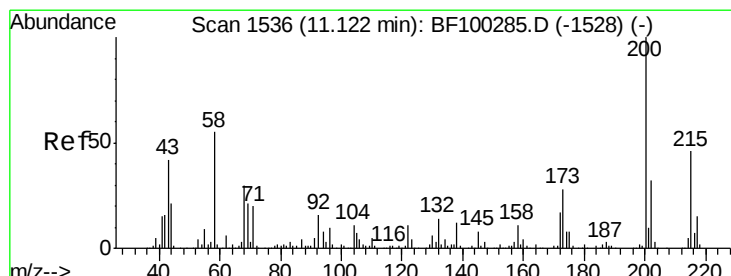
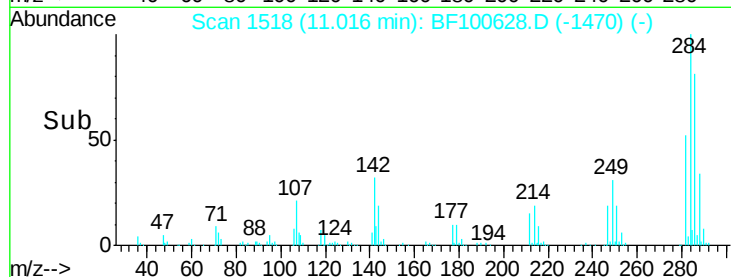
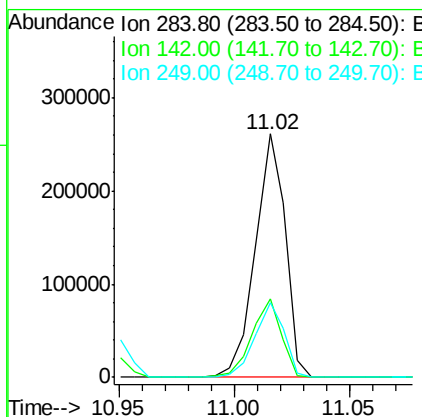
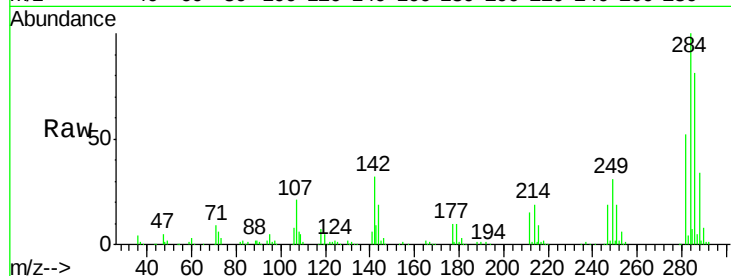




#67
Hexachlorobenzene
Concen: 48.016 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

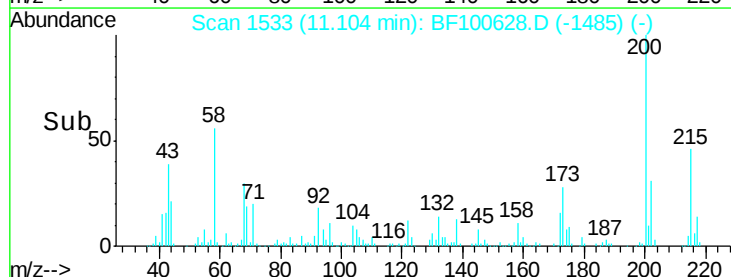
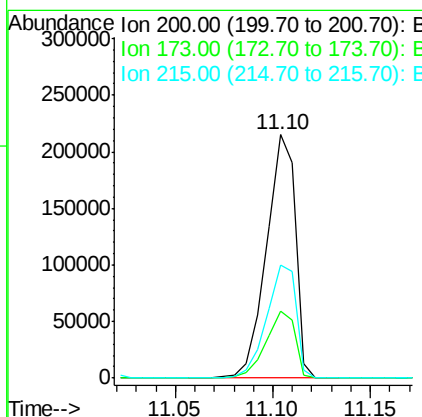
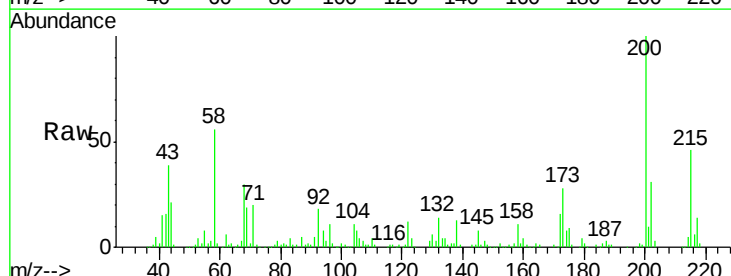
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

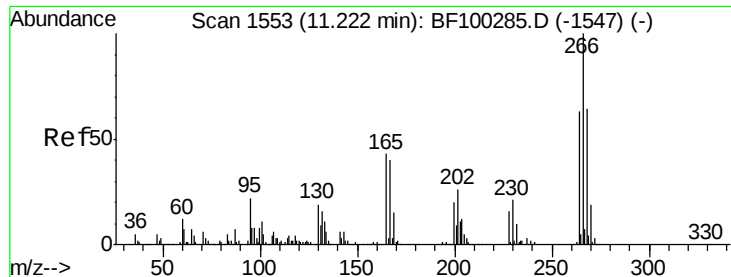
Tgt Ion:284 Resp: 237535
Ion Ratio Lower Upper
284 100
142 32.1 34.6 52.0#
249 30.7 24.8 37.2



#68
Atrazine
Concen: 47.573 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:200 Resp: 220935
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 46.2 25.1 65.1

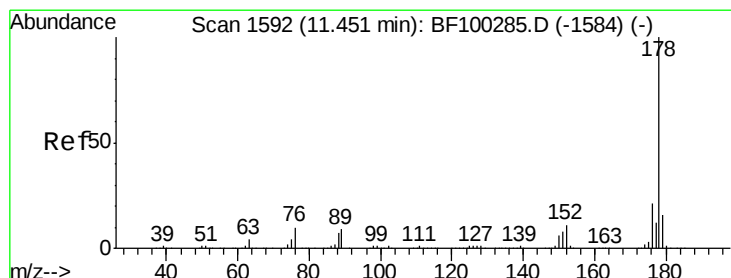
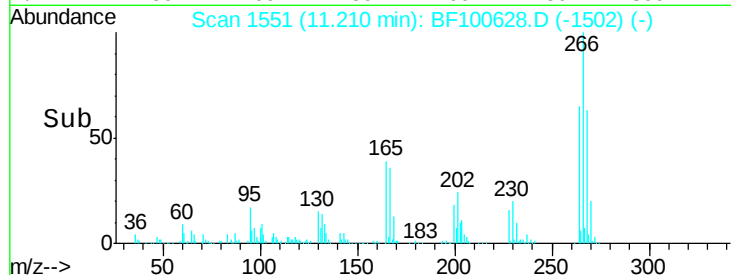
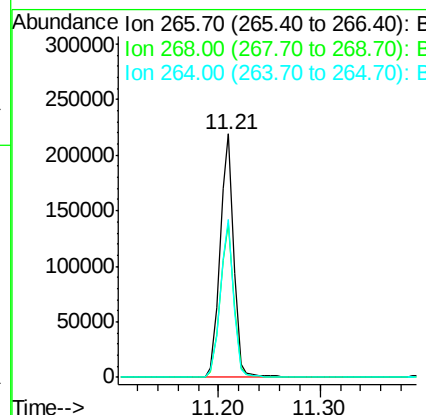
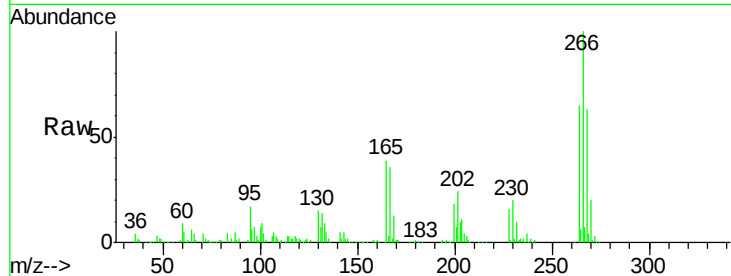




#69
 Pentachlorophenol
 Concen: 58.154 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

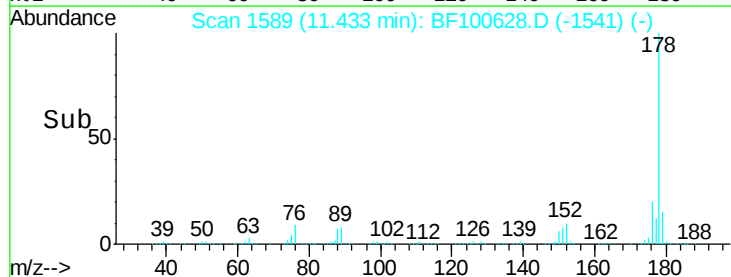
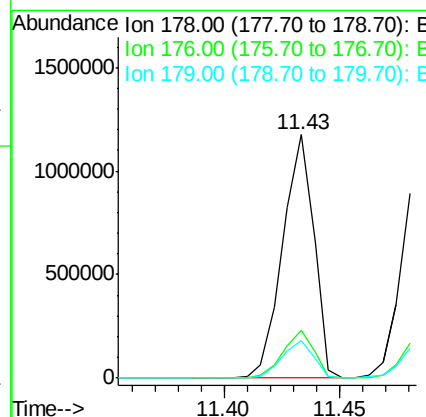
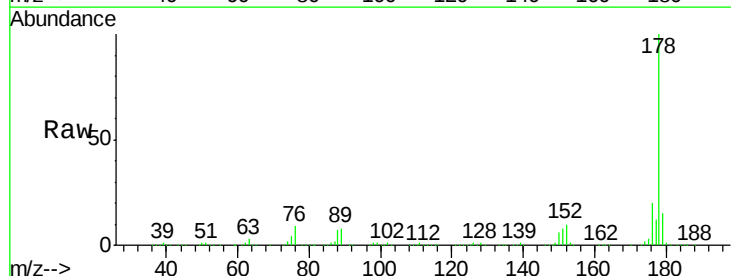
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

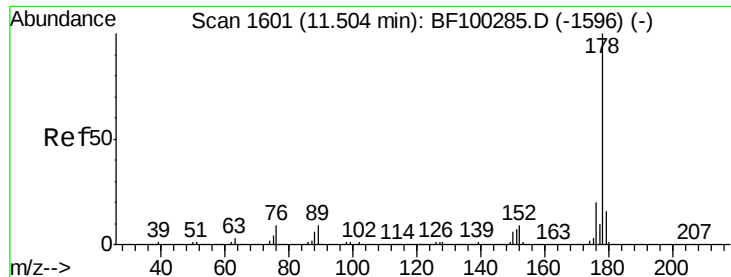
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.1	76.7
264	64.9	49.5	74.3



#70
 Phenanthrene
 Concen: 47.345 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.2	13.0	19.6

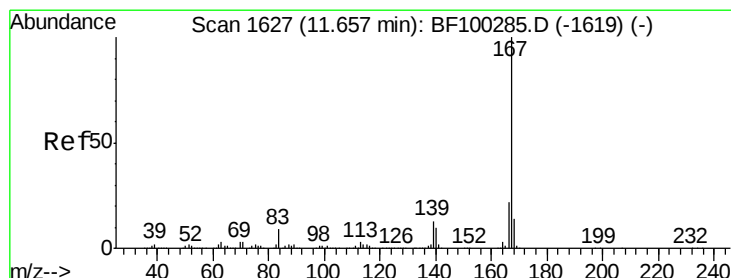
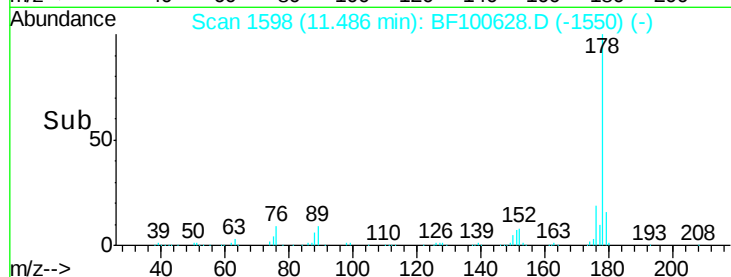
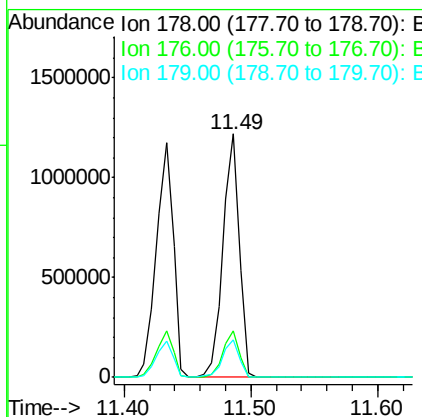
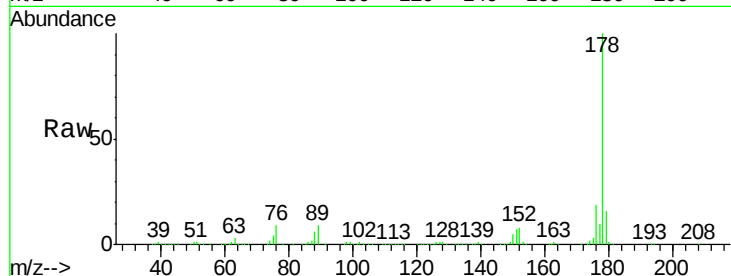




#71
 Anthracene
 Concen: 46.834 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

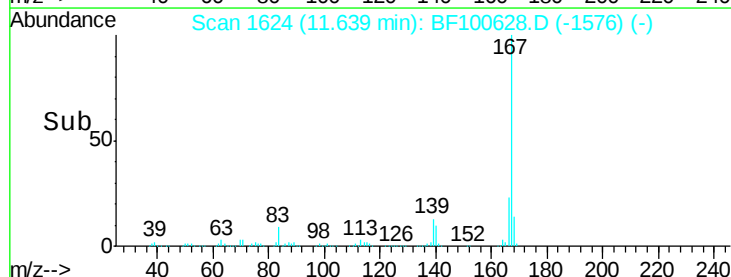
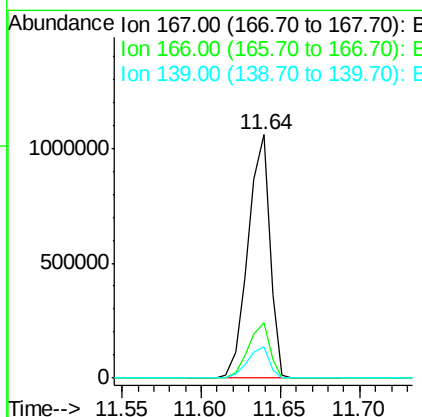
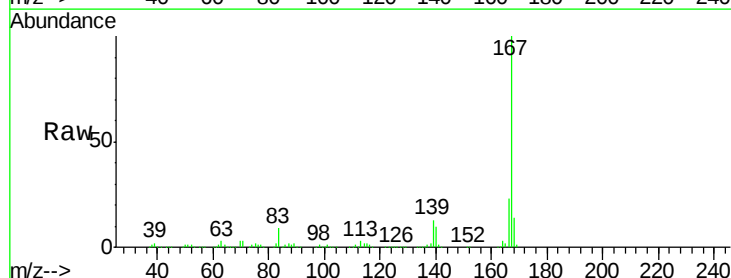
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

Tgt Ion:178 Resp: 1103847
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 46.604 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion:167 Resp: 1013526
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 12.8 10.9 16.3

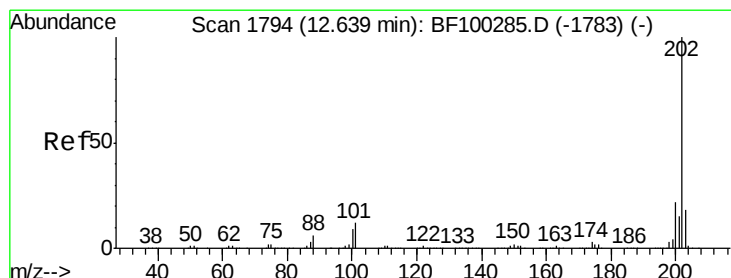
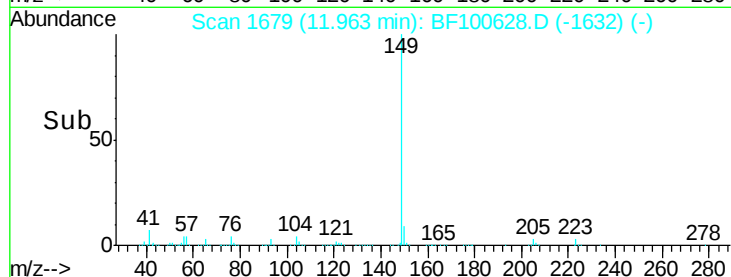
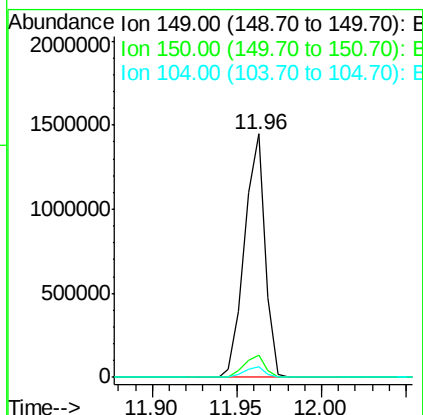
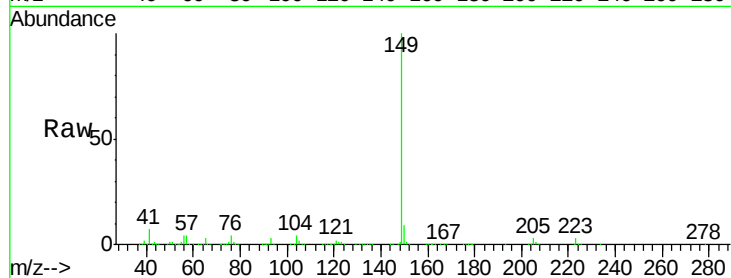




#73
Di-n-butylphthalate
Concen: 48.323 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

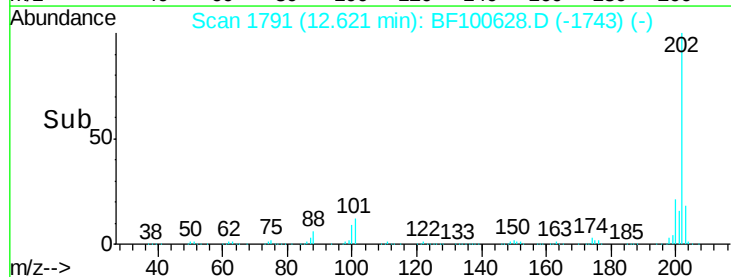
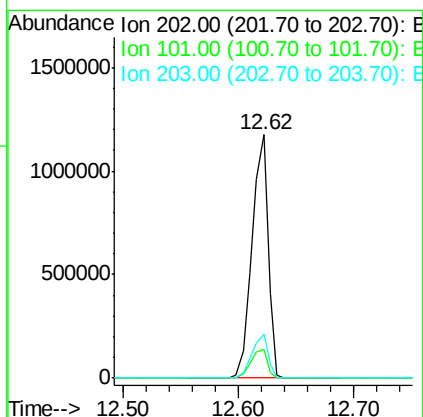
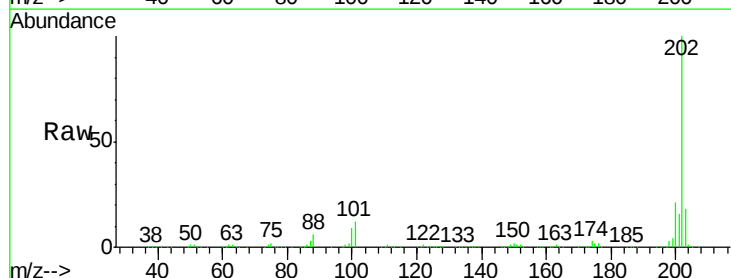
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

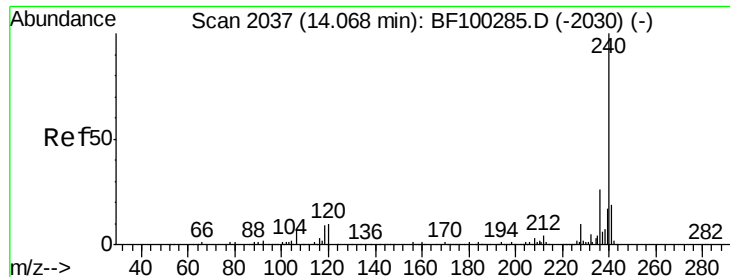
Tgt Ion:149 Resp: 1229812
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 46.386 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:202 Resp: 1142059
Ion Ratio Lower Upper
202 100
101 11.5 0.0 34.1
203 18.2 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: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

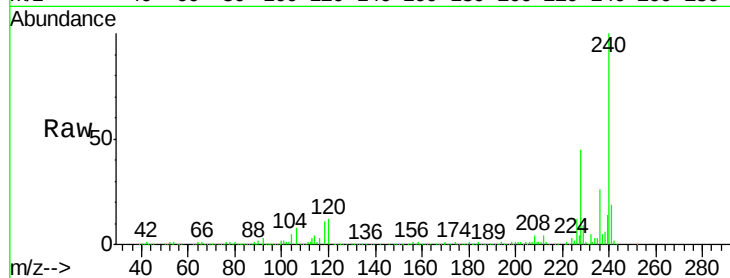
Tgt Ion:240 Resp: 308970

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

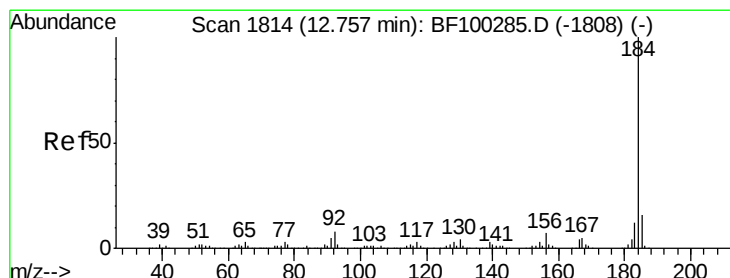
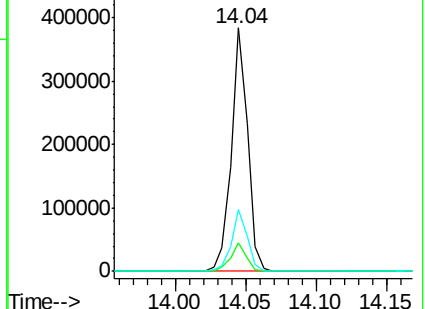
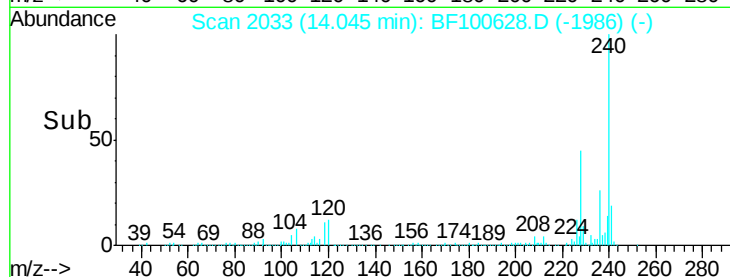
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.435 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

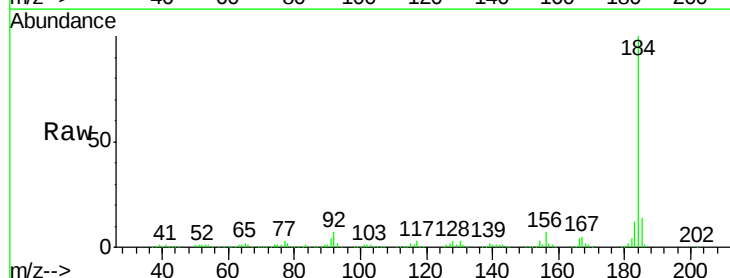
Tgt Ion:184 Resp: 450836

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

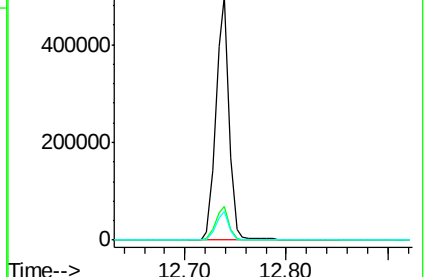
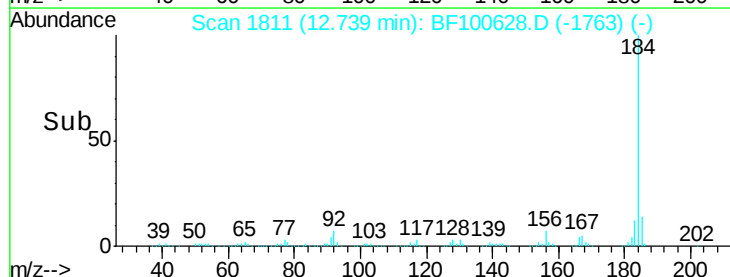
183 12.0 9.3 13.9

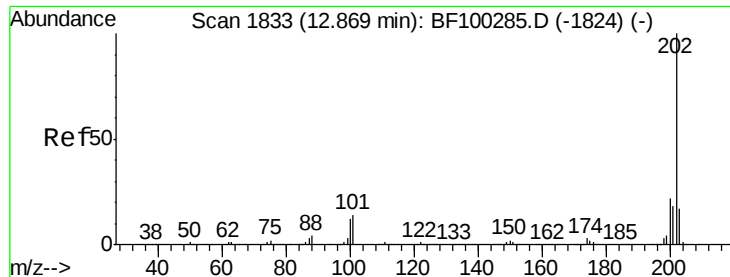


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



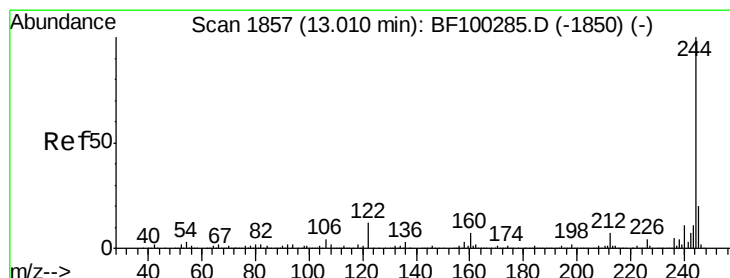
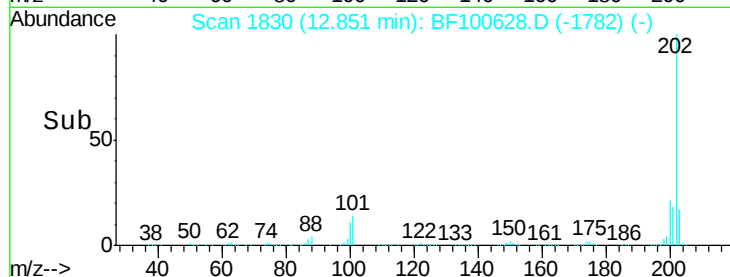
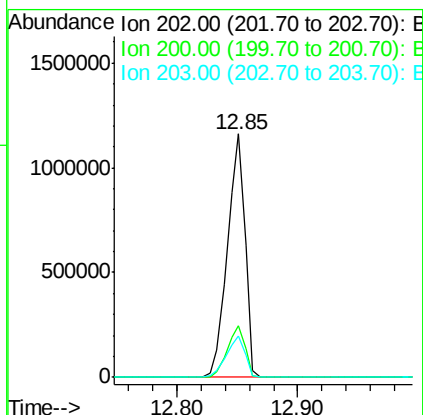
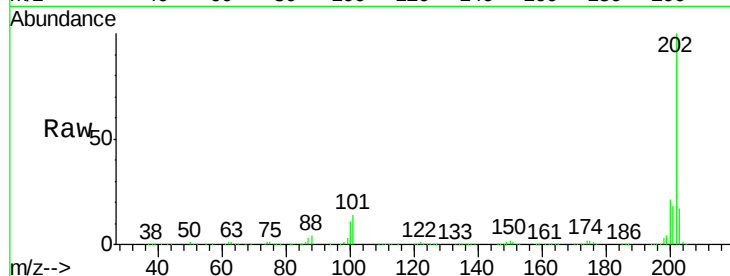


#77
 Pyrene
 Concen: 53.128 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

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

Tgt Ion: 202 Resp: 1170122

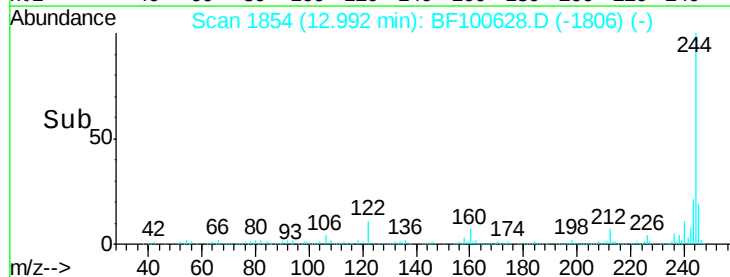
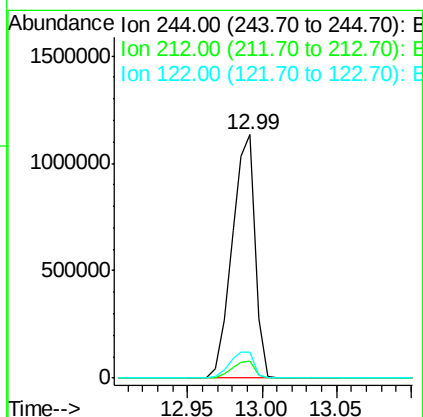
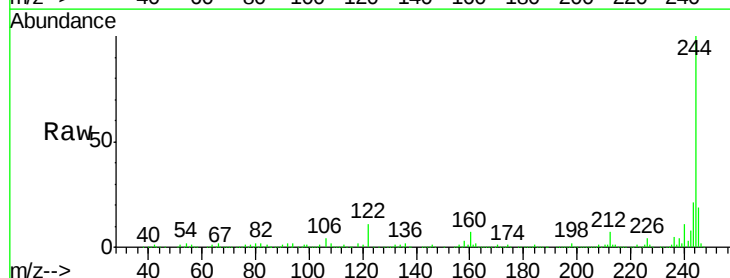
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.2	14.3	21.5

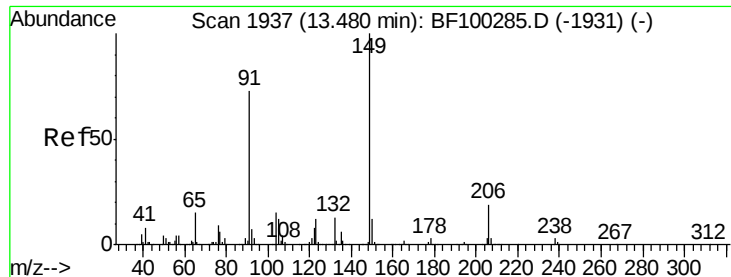


#78
 Terphenyl-d14
 Concen: 90.985 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion: 244 Resp: 1223459

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.5	11.0	16.4#

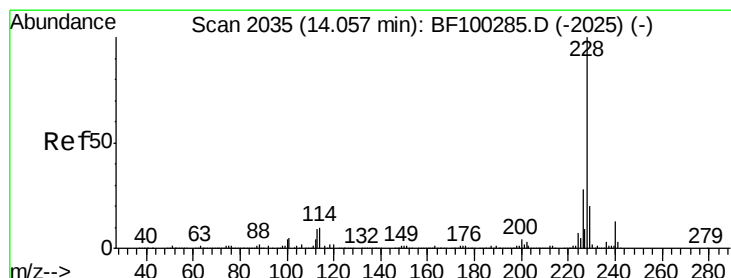
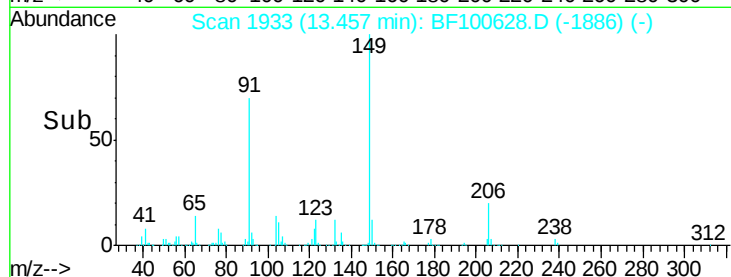
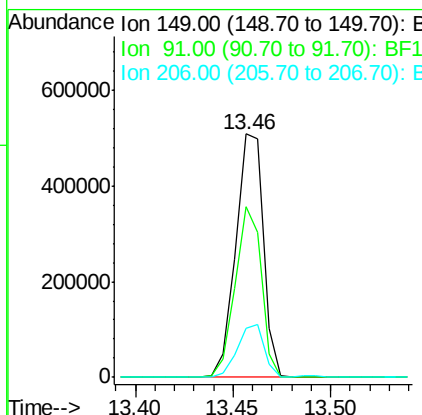
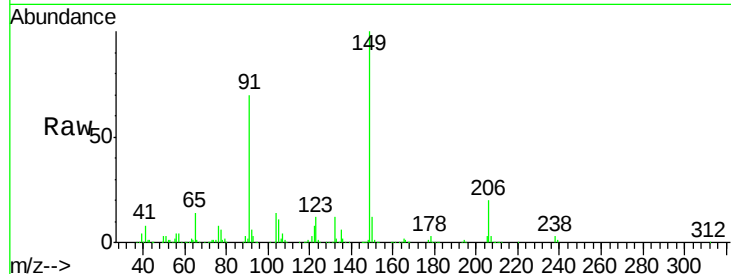




#79
Butylbenzylphthalate
Concen: 55.569 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

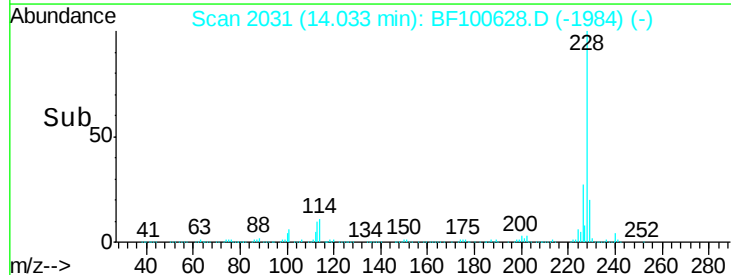
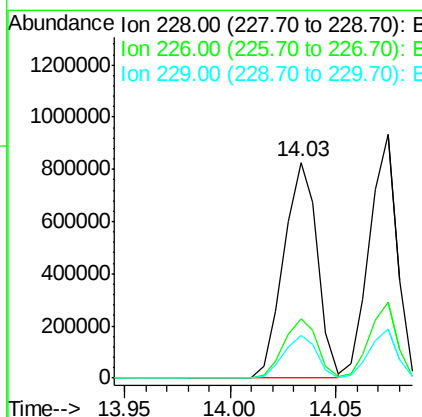
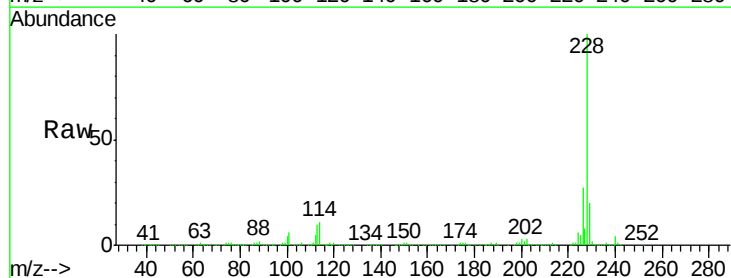
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

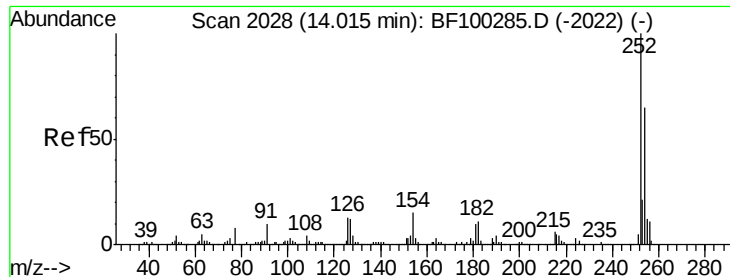
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.8	56.8	85.2
206	20.0	14.1	21.1



#80
Benzo(a)anthracene
Concen: 49.346 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6

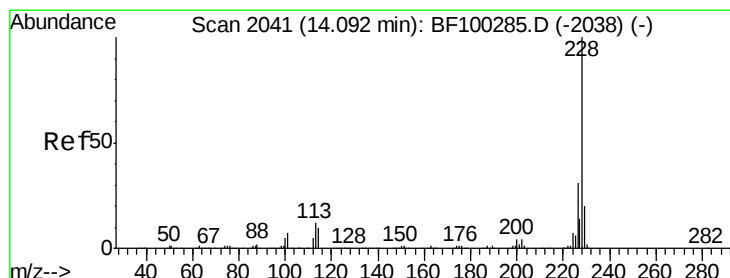
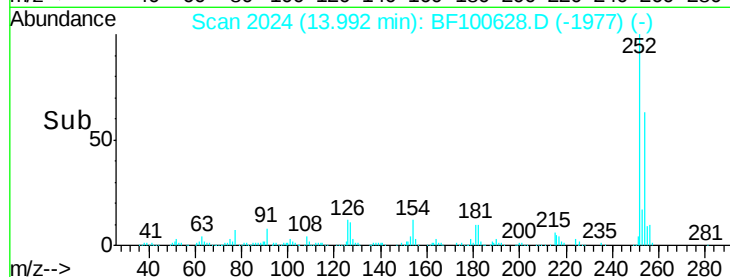
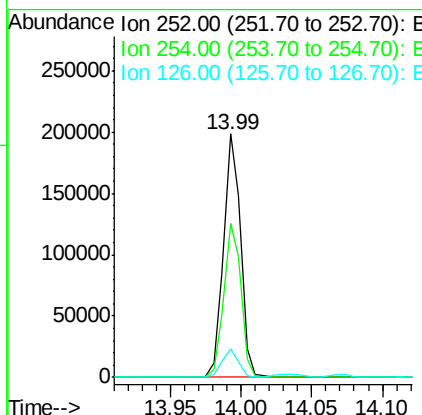
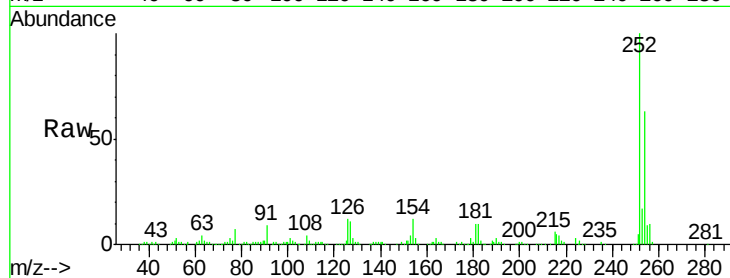




#81
 3,3'-Dichlorobenzidine
 Concen: 25.057 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

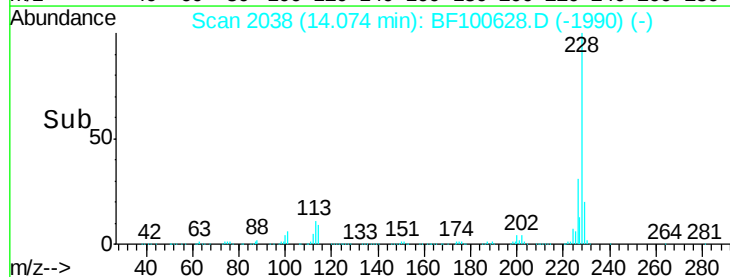
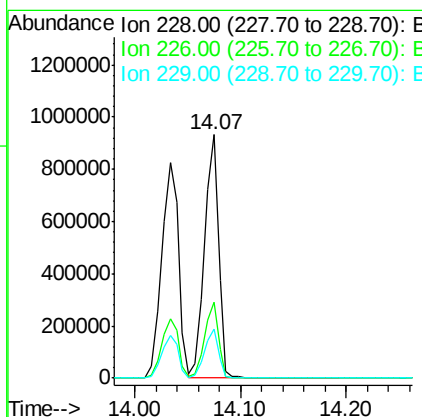
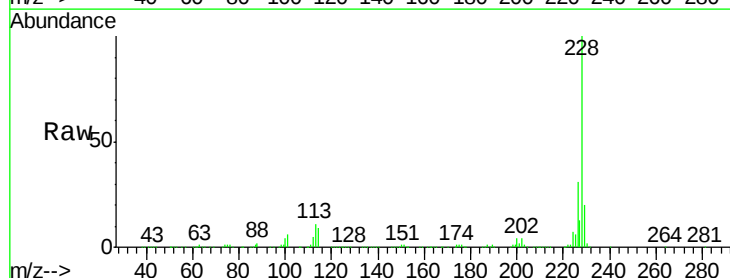
Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMSD

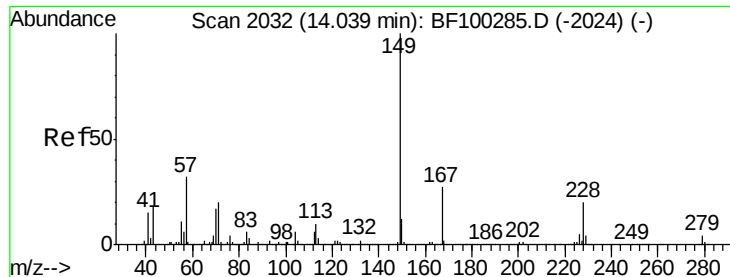
Tgt Ion:252 Resp: 167037
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 11.7 11.3 16.9



#82
 Chrysene
 Concen: 47.685 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BF100628.D
 Acq: 16 Nov 2017 14:10

Tgt Ion:228 Resp: 859165
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.855 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

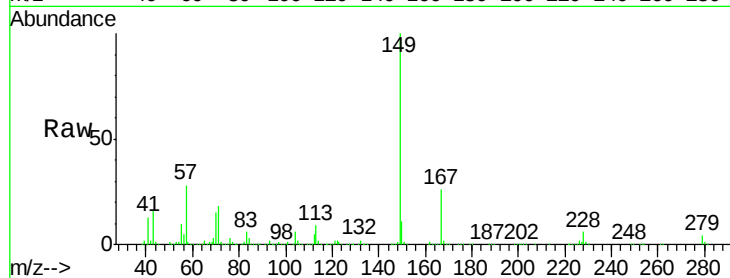
Tgt Ion:149 Resp: 671650

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

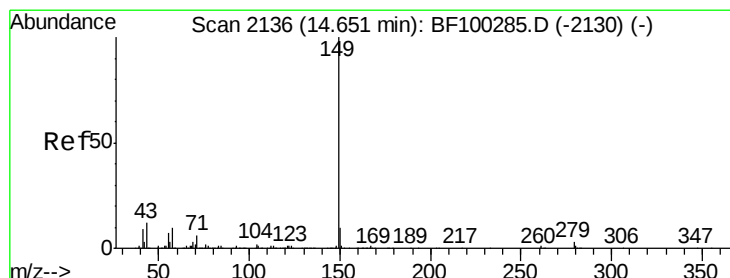
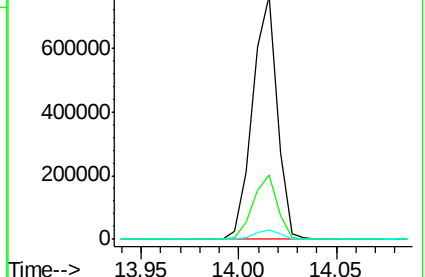
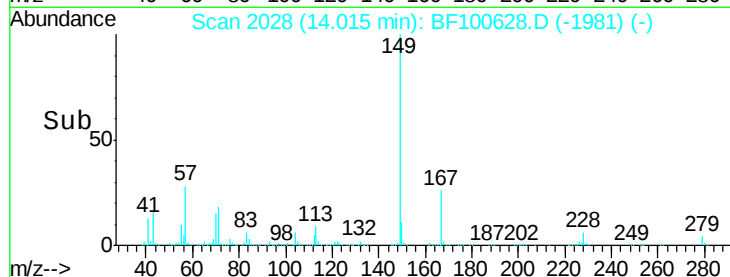
279 3.9 3.0 4.4



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: 49.610 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

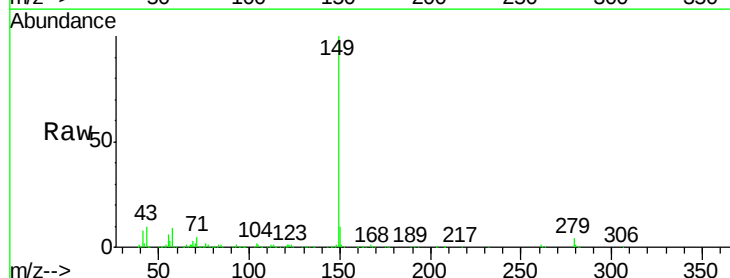
Tgt Ion:149 Resp: 1006808

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

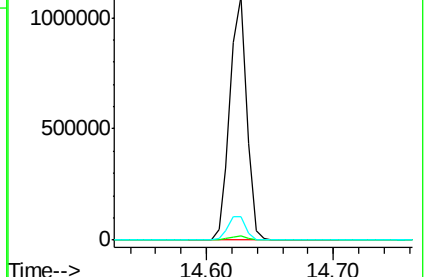
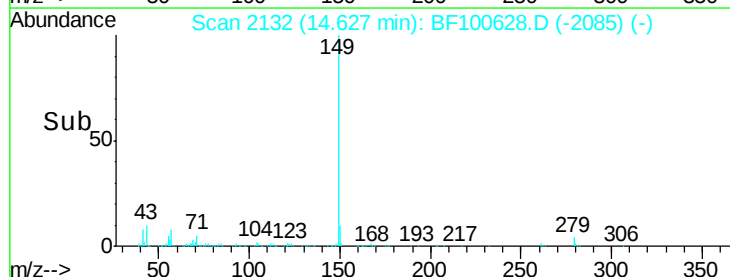
43 10.2 8.4 12.6

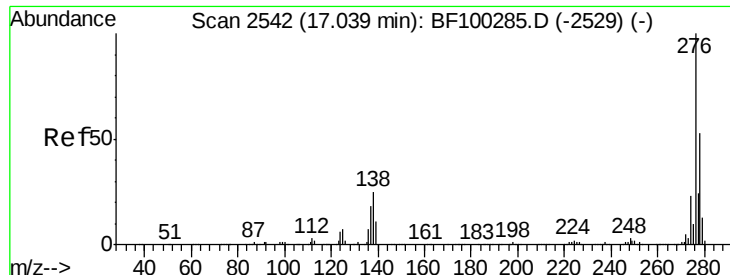


Abundance Ion 149.00 (148.70 to 149.70): E

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: 54.872 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.04 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

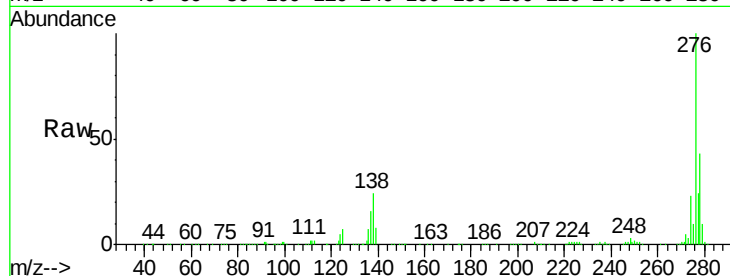
Tgt Ion:276 Resp: 799668

Ion Ratio Lower Upper

276 100

138 26.2 25.0 37.6

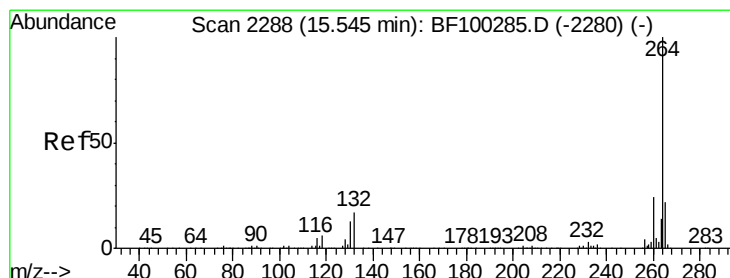
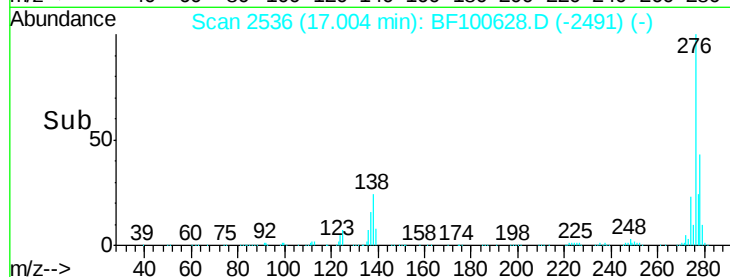
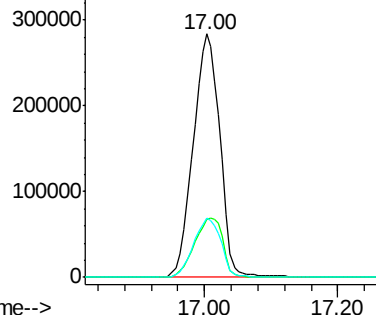
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.03 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

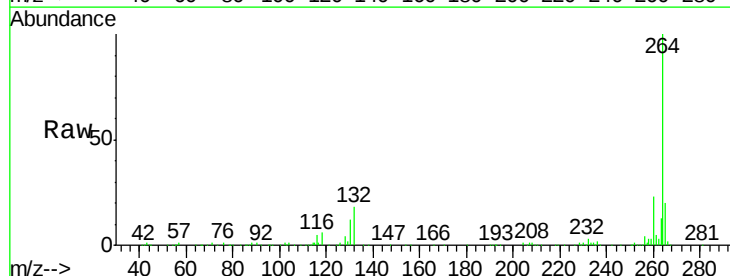
Tgt Ion:264 Resp: 253535

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

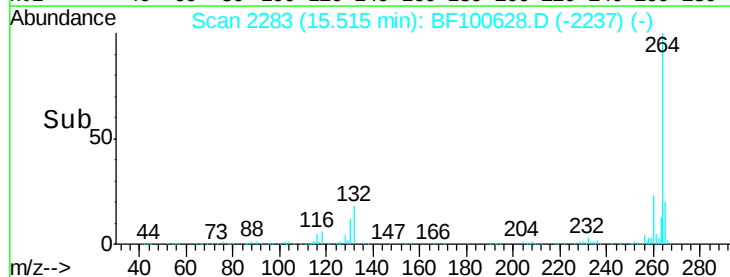
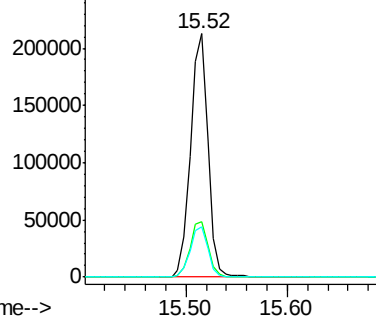
265 20.5 17.5 26.3

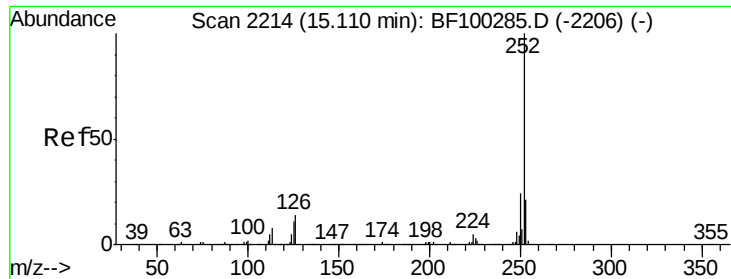


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

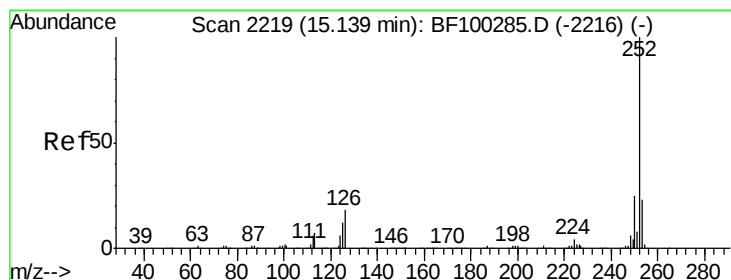
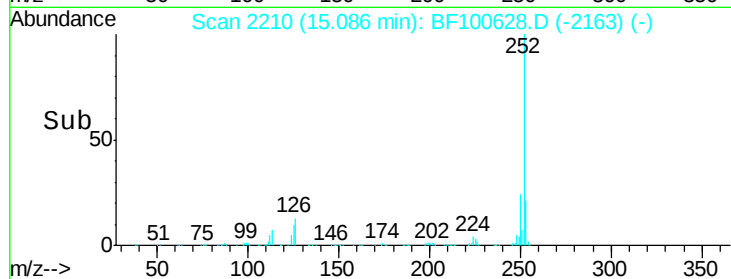
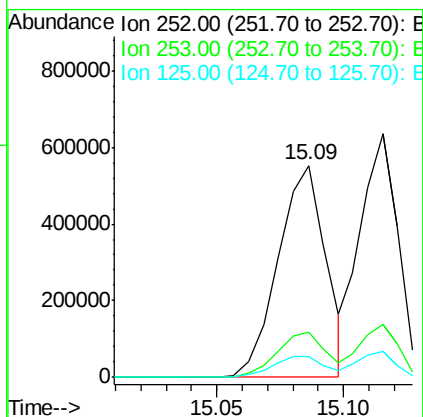
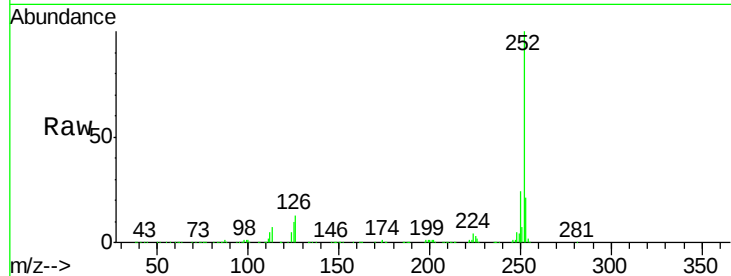




#87
Benzo(b)fluoranthene
Concen: 48.035 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

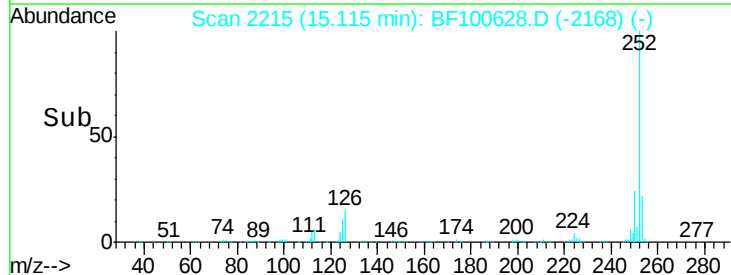
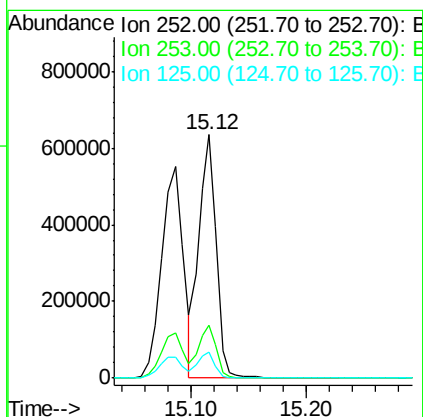
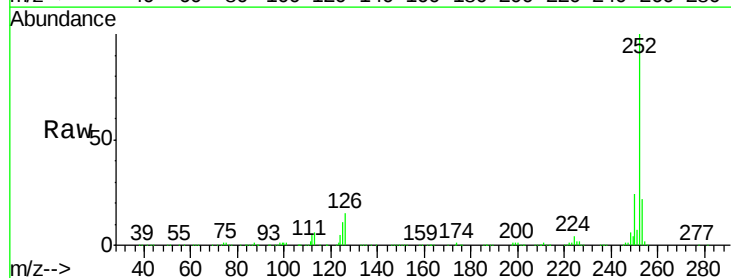
Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

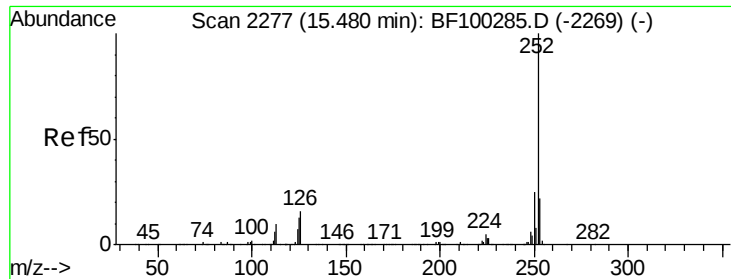
Tgt Ion:252 Resp: 721512
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 47.383 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF100628.D
Acq: 16 Nov 2017 14:10

Tgt Ion:252 Resp: 672471
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 49.609 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

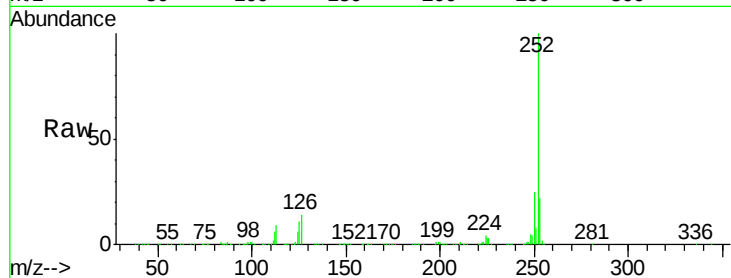
Tgt Ion: 252 Resp: 660606

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

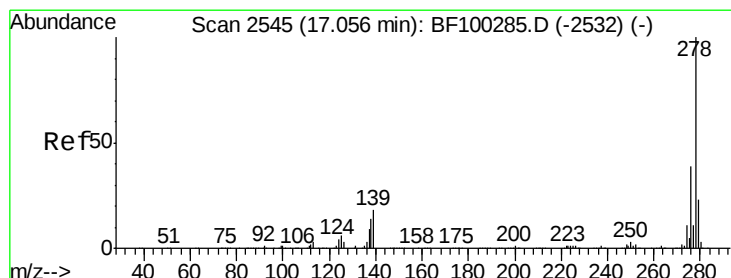
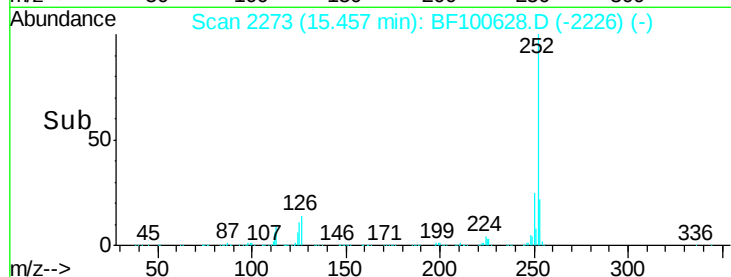
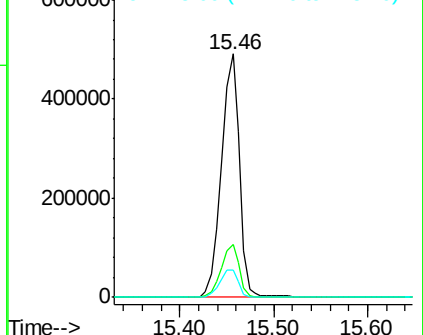
125 11.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 59.665 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.04 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

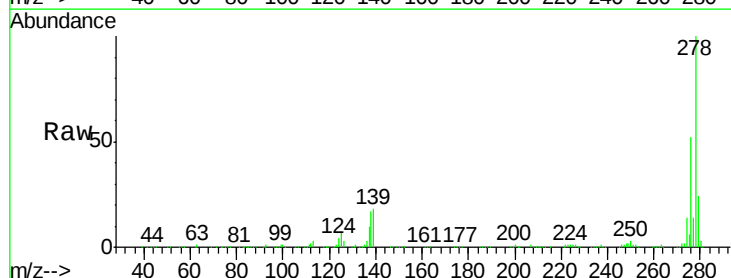
Tgt Ion: 278 Resp: 649760

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

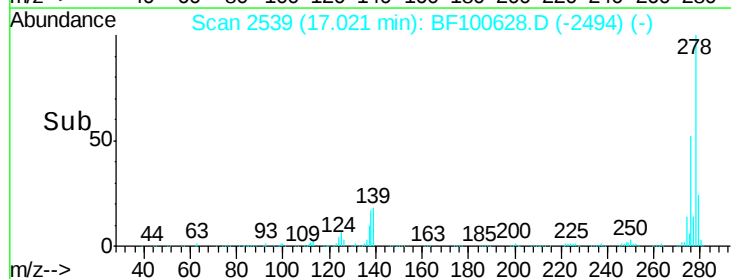
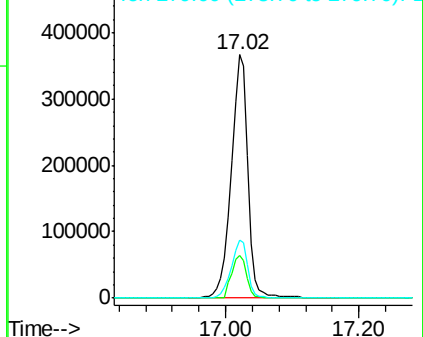
279 24.0 19.0 28.4

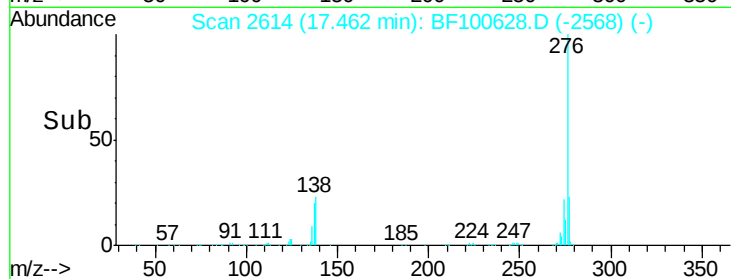
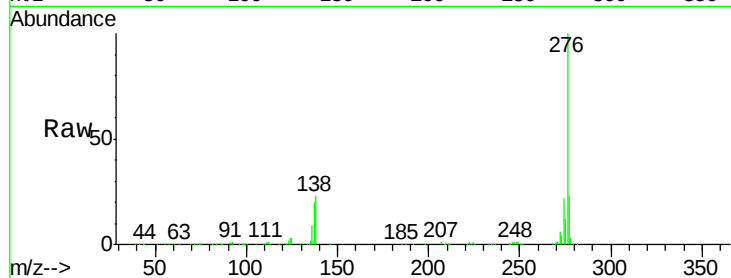
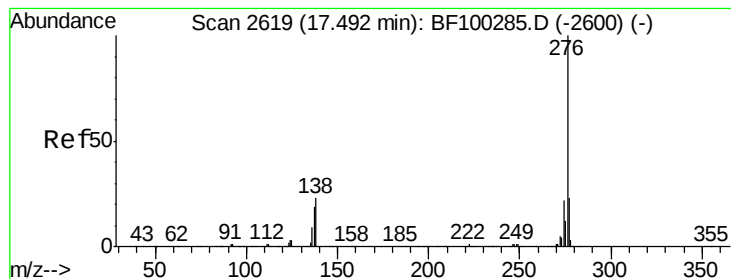


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 65.622 ng

RT: 17.46 min Scan# 2614

Delta R.T. -0.03 min

Lab File: BF100628.D

Acq: 16 Nov 2017 14:10

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMSD

Tgt Ion: 276 Resp: 699550

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 22.9 21.8 32.8

