

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096769.D
 Acq On : 14 Jul 2017 12:13
 Operator : SJ/JU
 Sample : I4166-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 16:32:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	104591	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	428529	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	179299	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	258345	20.00	ng	0.00
75) Chrysene-d12	13.77	240	173902	20.00	ng	0.00
86) Perylene-d12	15.16	264	196620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	132670	19.07	ng	0.00
7) Phenol-d6	6.27	99	171284	20.52	ng	-0.01
23) Nitrobenzene-d5	7.19	82	96131	13.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	18964	12.39	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	201374	17.74	ng	0.00
78) Terphenyl-d14	12.73	244	118084	11.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	383	0.107	ng	# 21
4) n-Nitrosodimethylamine	2.82	42	267	0.063	ng	# 1
6) Aniline	6.40	93	116	0.011	ng	# 1
9) Benzaldehyde	6.26	77	247	0.051	ng	# 1
10) Phenol	6.28	94	4944	0.524	ng	89
11) bis(2-Chloroethyl)ether	6.40	93	116	0.016	ng	# 1
15) Benzyl Alcohol	6.79	79	1856	0.340	ng	# 32
18) Hexachloroethane	7.25	117	433	0.151	ng	# 1
19) n-Nitroso-di-n-propylamine	7.19	70	12545	2.495	ng	# 87
22) Acetophenone	7.05	105	446	0.047	ng	# 22
25) Isophorone	7.19	82	96006	7.460	ng	# 67
31) Naphthalene	7.94	128	4493	0.221	ng	98
33) 4-Chloroaniline	7.94	127	617	0.077	ng	# 30
37) 2-Methylnaphthalene	8.63	142	7340	0.567	ng	93
45) 1,1'-Biphenyl	9.09	154	1912	0.124	ng	83
46) 2-Chloronaphthalene	9.16	162	521	0.046	ng	# 40
47) 2-Nitroaniline	9.33	65	417	0.107	ng	# 7
48) Acenaphthylene	9.53	152	42123	2.335	ng	98
49) Dimethylphthalate	9.39	163	28734	2.128	ng	100
50) 2,6-Dinitrotoluene	9.67	165	24267	8.299	ng	# 34
51) Acenaphthene	9.70	154	23175	2.174	ng	97
54) Dibenzofuran	9.87	168	9657	0.647	ng	# 83
55) 4-Nitrophenol	9.87	139	4228	1.671	ng	# 30
56) 2,4-Dinitrotoluene	9.97	165	1670	0.444	ng	# 31
57) Fluorene	10.21	166	29685	2.690	ng	97
59) Diethylphthalate	10.09	149	8157	0.621	ng	97
61) 4-Nitroaniline	10.21	138	382	0.117	ng	# 25
62) Azobenzene	10.37	77	797	0.069	ng	# 1
65) n-Nitrosodiphenylamine	10.33	169	2912	0.315	ng	# 78
66) 4-Bromophenyl-phenylether	10.45	248	1122	0.425	ng	# 1
70) Phenanthrene	11.17	178	428112	30.477	ng	99
71) Anthracene	11.22	178	97124	6.838	ng	97
72) Carbazole	11.37	167	19597	1.425	ng	96
73) Di-n-butylphthalate	11.72	149	1619	0.095	ng	# 59

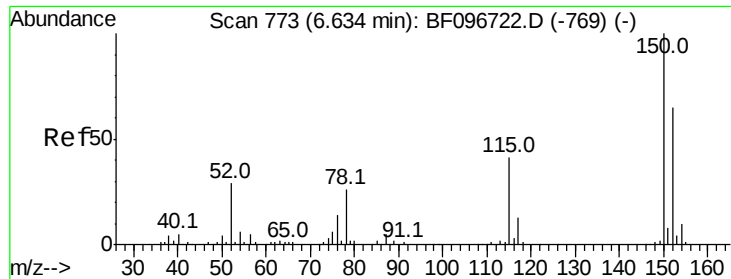
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096769.D
 Acq On : 14 Jul 2017 12:13
 Operator : SJ/JU
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Quant Time: Jul 14 16:32:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	12.36	202	587772	43.715	nq	99
76) Benzidine	12.73	184	1429	0.251	nq #	78
77) Pyrene	12.58	202	576786	36.546	nq	99
79) Butylbenzylphthalate	13.20	149	1784	0.476	nq #	52
80) Benzo(a)anthracene	13.77	228	299833	27.672	nq	97
81) 3,3'-Dichlorobenzidine	13.82	252	3650	0.937	nq #	21
82) Chrysene	13.80	228	280637	26.309	nq	97
83) Bis(2-ethylhexyl)phthalate	13.77	149	5161	0.565	nq #	85
84) Di-n-octyl phthalate	14.38	149	614	0.041	nq #	1
85) Indeno(1,2,3-cd)pyrene	16.47	276	176480	20.116	nq	96
87) Benzo(b)fluoranthene	14.78	252	474282	39.995	nq	98
88) Benzo(k)fluoranthene	14.78	252	474282	42.236	nq	98
89) Benzo(a)pyrene	15.10	252	262182	24.106	nq	98
90) Dibenzo(a,h)anthracene	16.43	278	10565	1.056	nq	93
91) Benzo(a,h,i)perylene	16.87	276	161552	15.075	nq	97

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

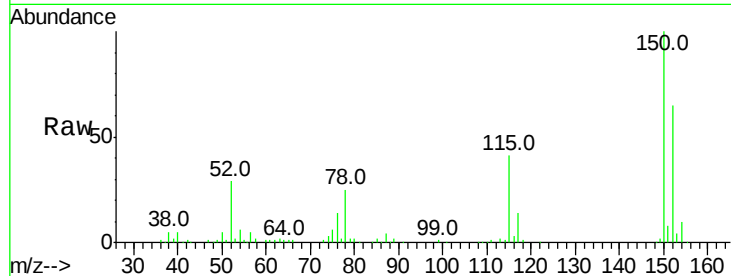


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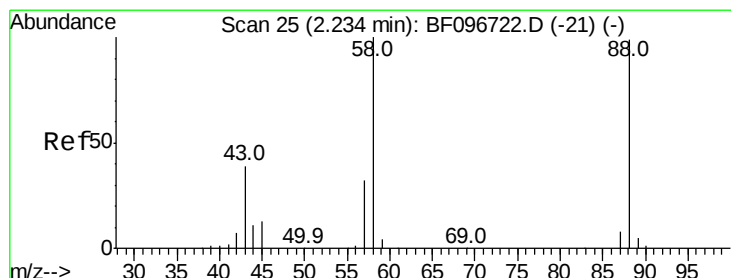
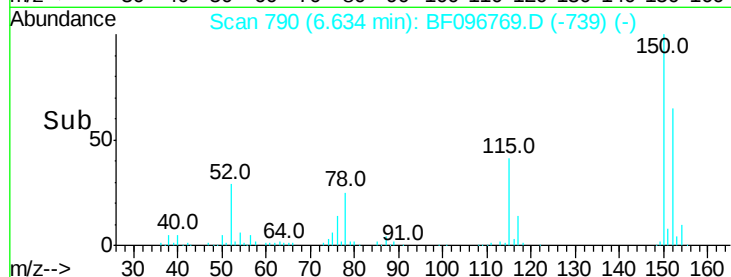
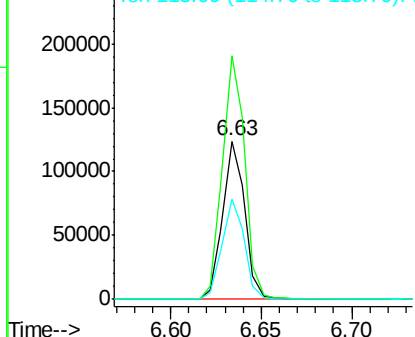
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104591
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 63.8 52.2 78.2



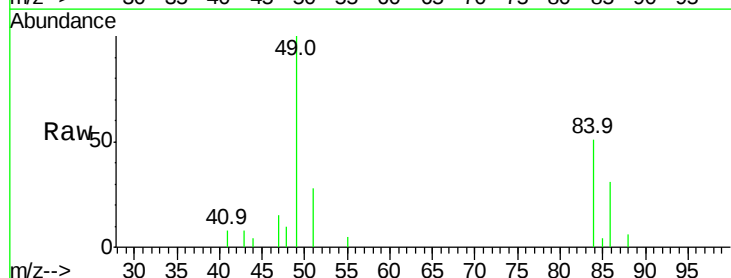
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



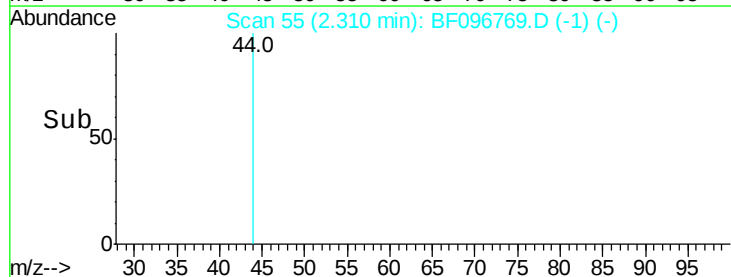
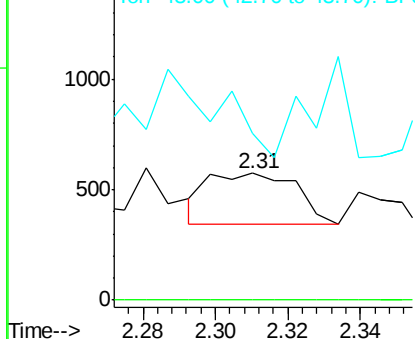
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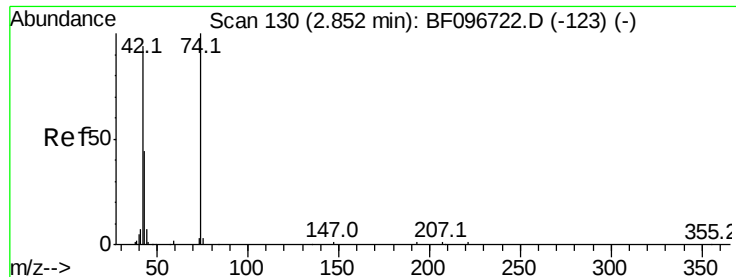
1,4-Dioxane
Concen: 0.107 ng
RT: 2.31 min Scan# 55
Delta R.T. 0.08 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion: 88 Resp: 383
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



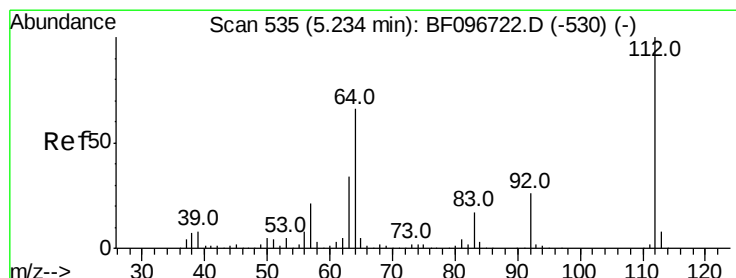
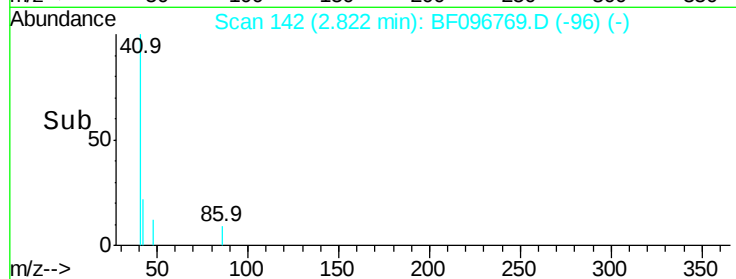
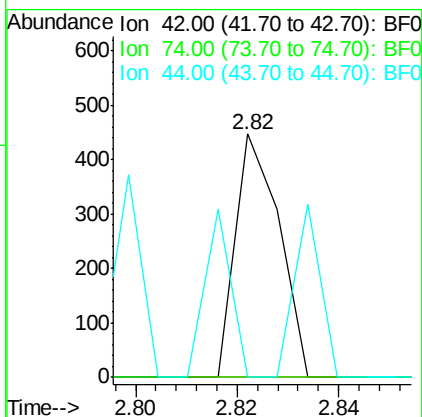
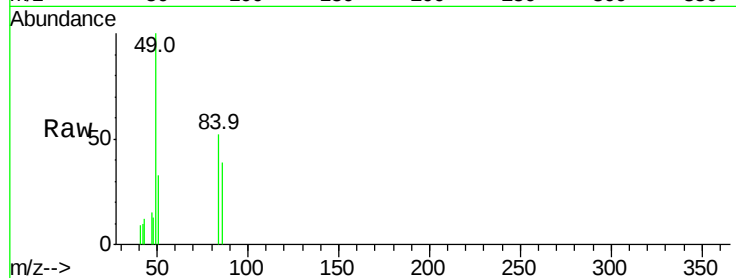


#4

n-Nitrosodimethylamine
 Concen: 0.063 ng
 RT: 2.82 min Scan# 142
 Delta R.T. -0.03 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :

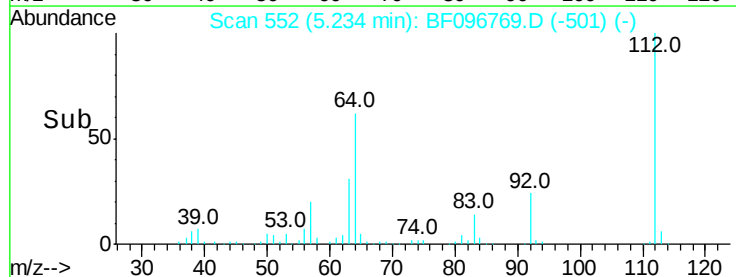
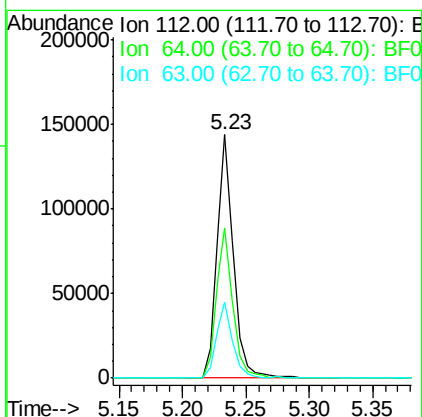
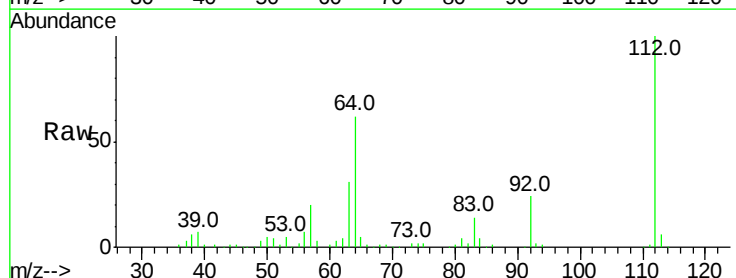
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	0.0	5.7	8.5#

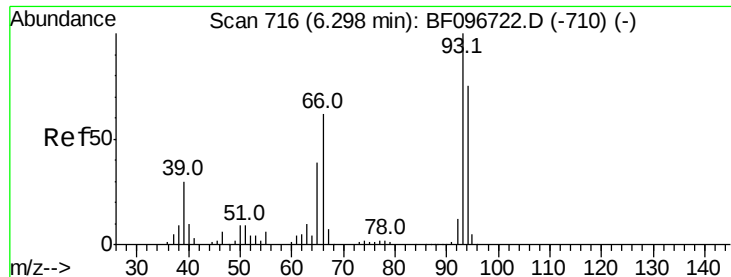


#5

2-Fluorophenol
 Concen: 19.072 ng
 RT: 5.23 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.0	69.0
63	31.1	23.4	35.0





#6

Aniline

Concen: 0.011 ng

RT: 6.40 min Scan# 750

Delta R.T. 0.10 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampled :

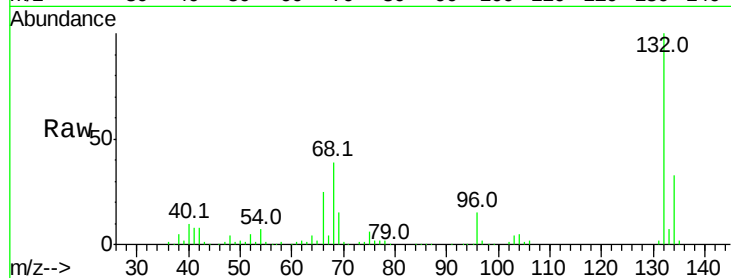
Tot Ion: 93 Resp: 116

Ion Ratio Lower Upper

93 100

66 12981.8 32.9 49.3#

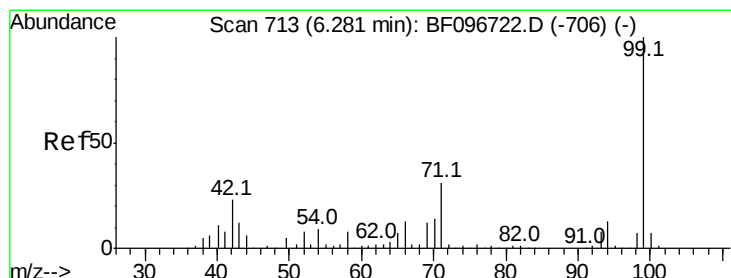
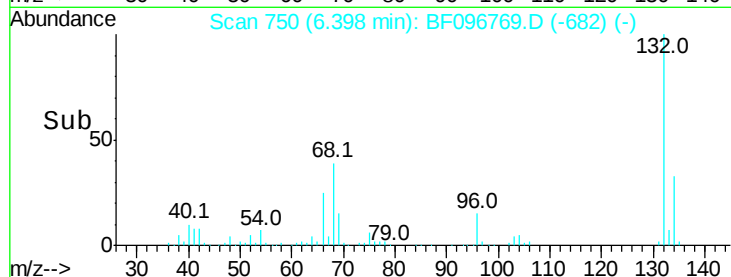
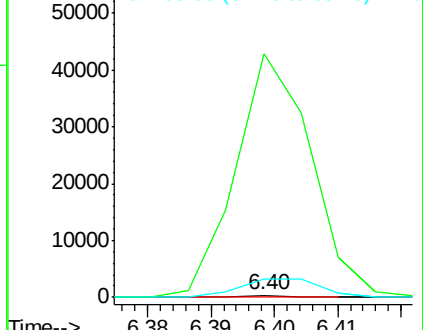
65 956.1 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 20.519 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

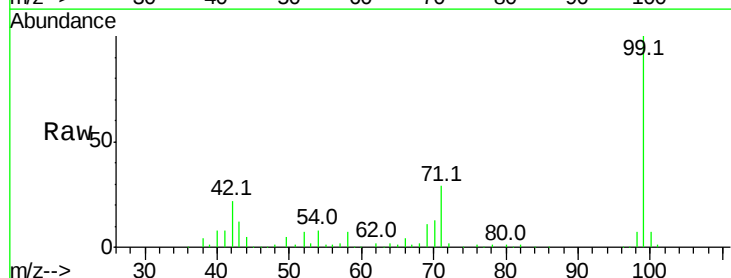
Tgt Ion: 99 Resp: 171284

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

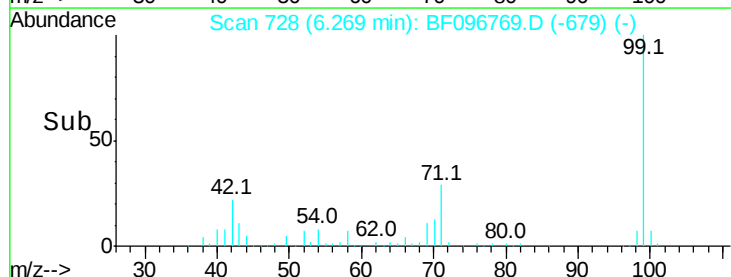
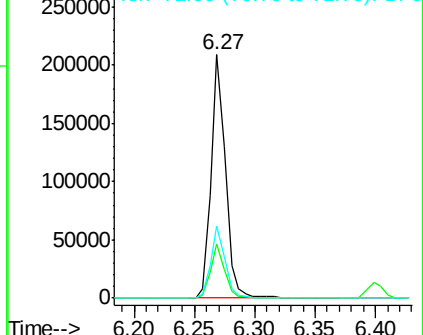
71 29.4 24.5 36.7

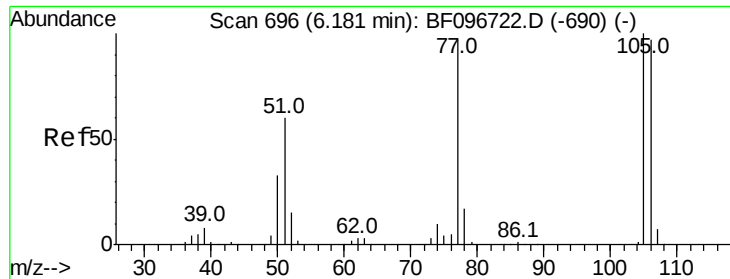


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

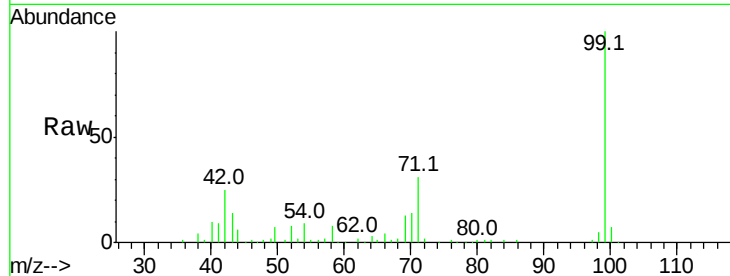




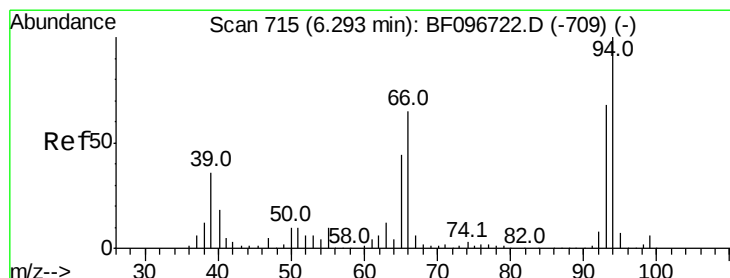
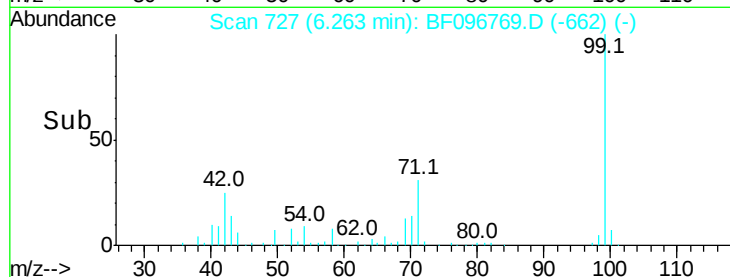
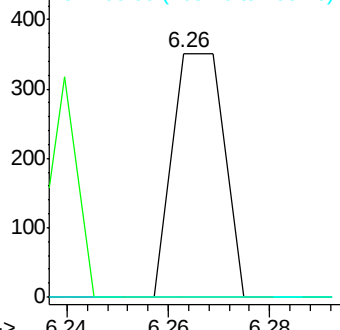
#9
Benzaldehyd
Concen: 0.051 ng
RT: 6.26 min Scan# 727
Delta R.T. 0.08 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 247
Ion Ratio Lower Upper
77 100
105 0.0 83.8 123.8#
106 0.0 79.1 119.1#

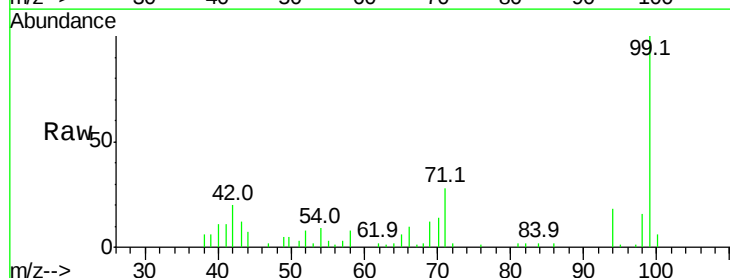


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

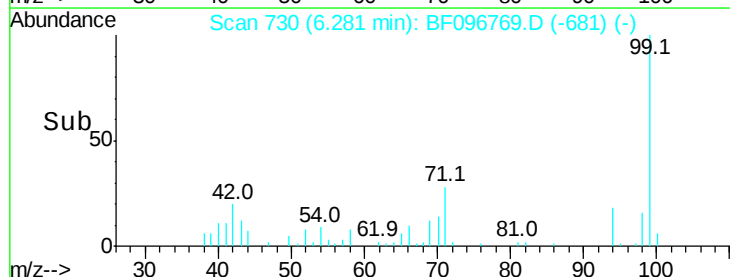
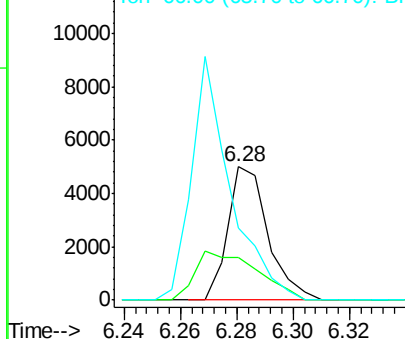


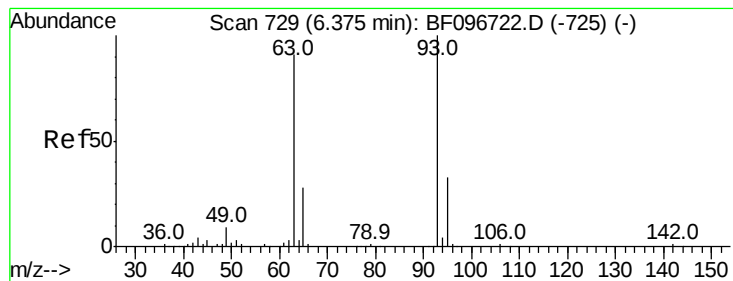
#10
Phenol
Concen: 0.524 ng
RT: 6.28 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion: 94 Resp: 4944
Ion Ratio Lower Upper
94 100
65 31.5 9.9 49.9
66 53.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.016 ng

RT: 6.40 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

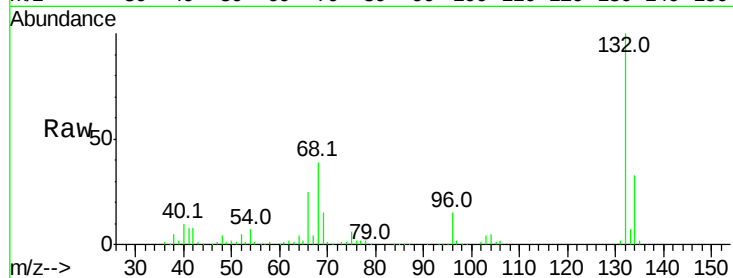
Tot Ion: 93 Resp: 116

Ion Ratio Lower Upper

93 100

63 530.0 59.2 99.2#

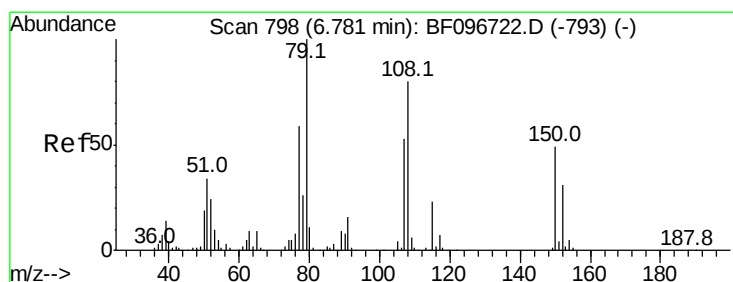
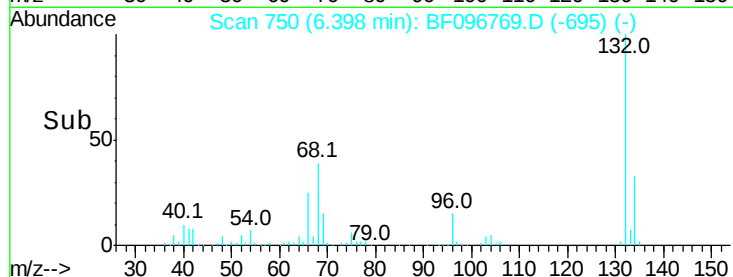
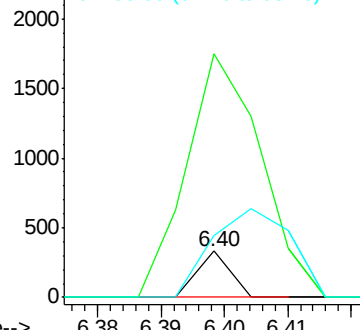
95 135.8 12.8 52.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 0.340 ng

RT: 6.79 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

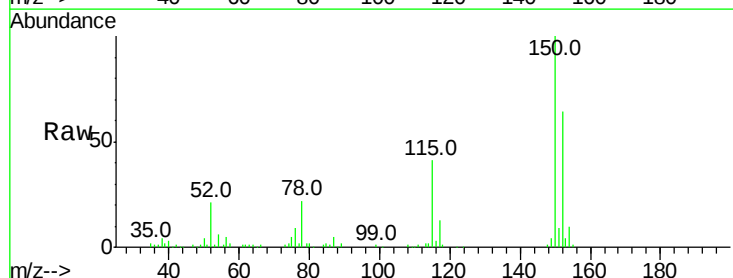
Tgt Ion: 79 Resp: 1856

Ion Ratio Lower Upper

79 100

108 31.9 63.4 95.0#

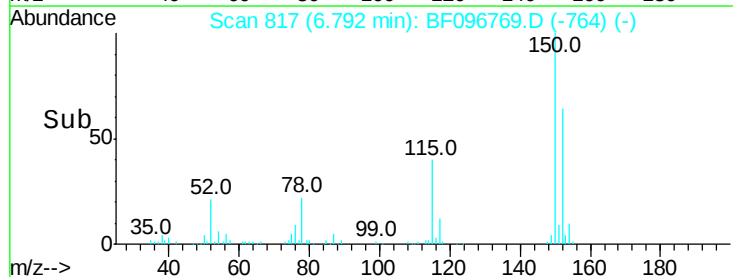
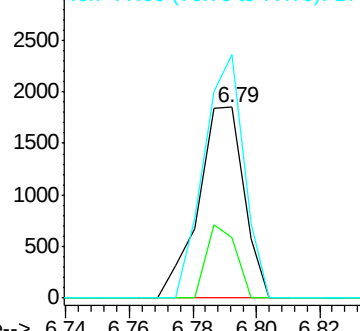
77 127.6 49.2 73.8#

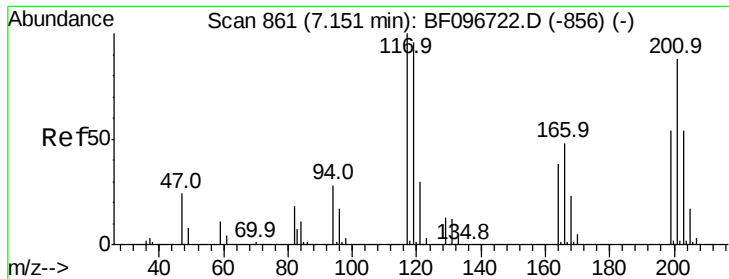


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

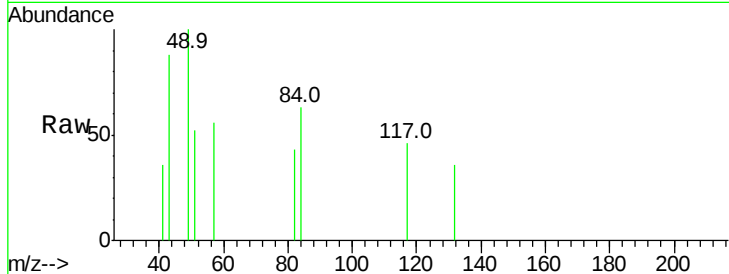




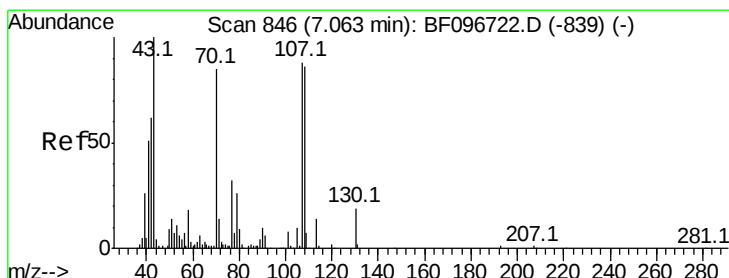
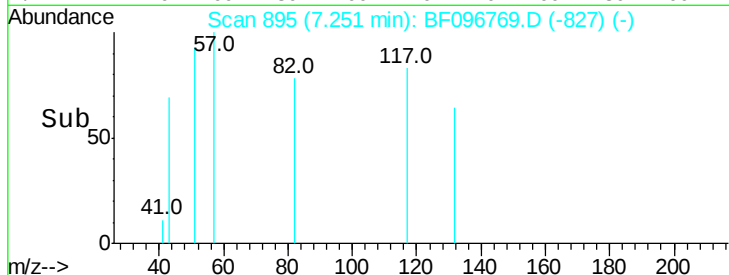
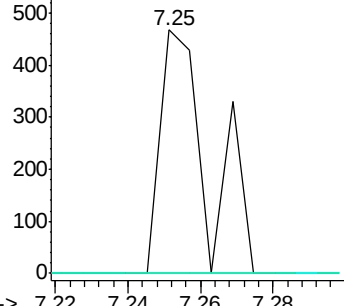
#18
Hexachloroethane
Concen: 0.151 ng
RT: 7.25 min Scan# 895
Delta R.T. 0.10 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 433
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#

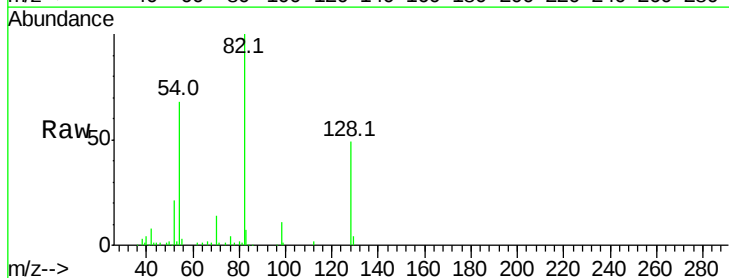


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

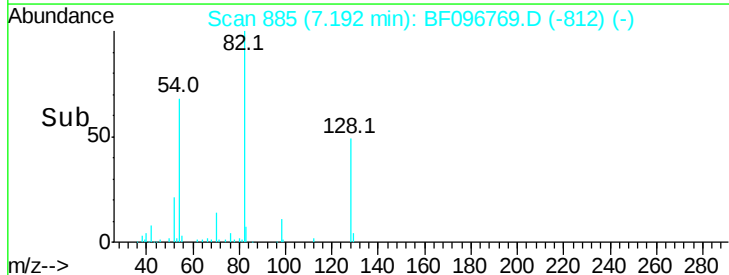
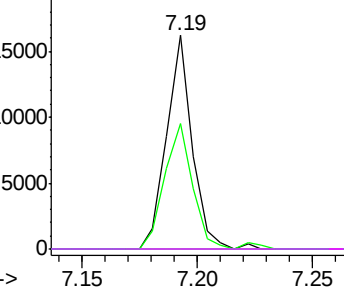


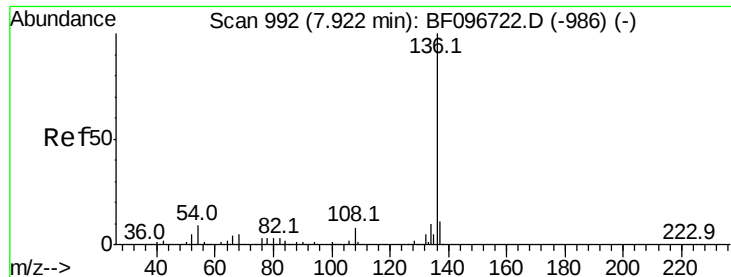
#19
n-Nitroso-di-n-propylamine
Concen: 2.495 ng
RT: 7.19 min Scan# 885
Delta R.T. 0.13 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion: 70 Resp: 12545
Ion Ratio Lower Upper
70 100
42 58.7 47.2 70.8
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

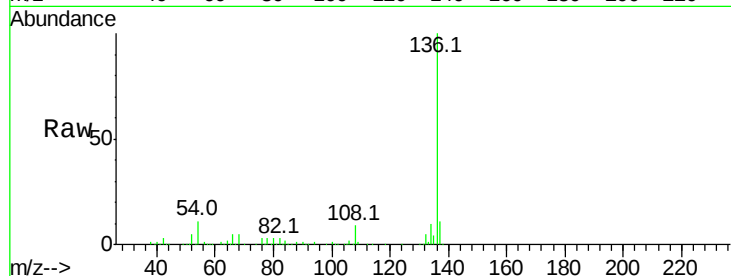




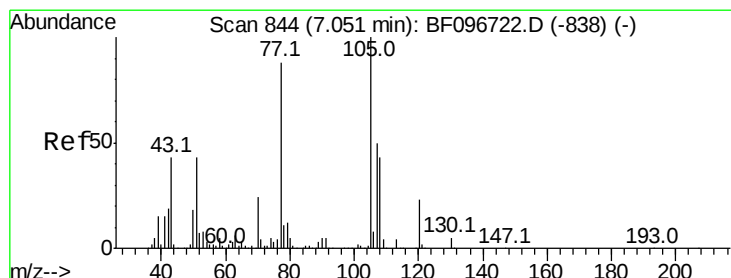
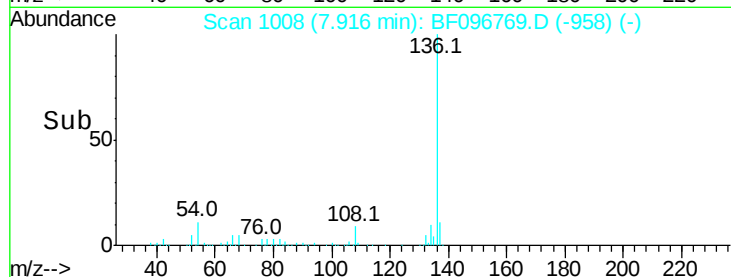
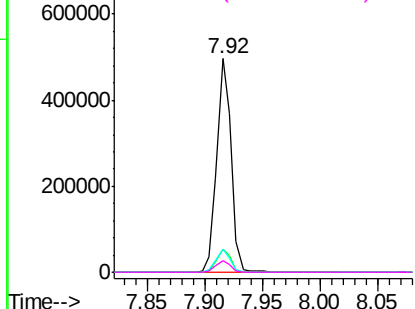
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	428529
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	10.5	4.9 7.3#
68	5.5	4.1 6.1

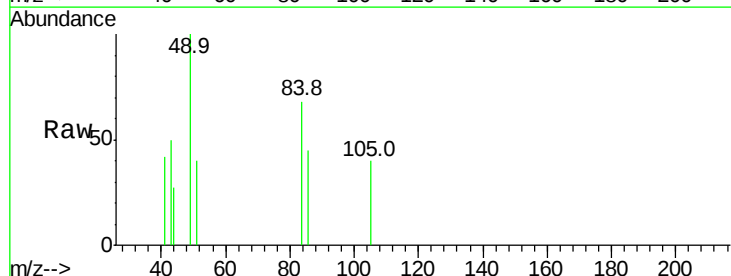


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

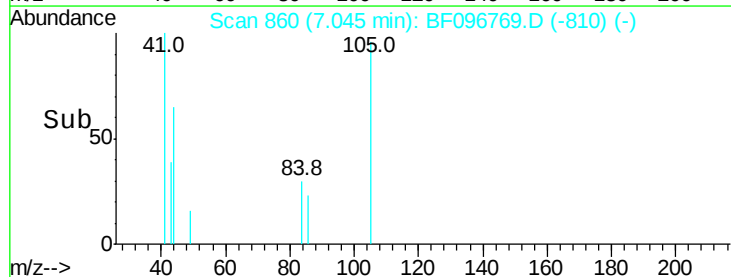
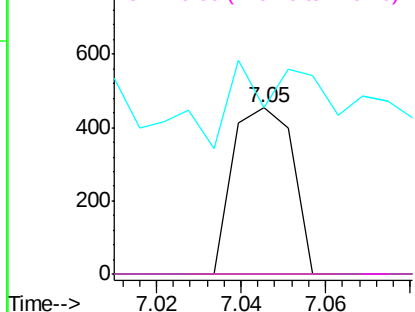


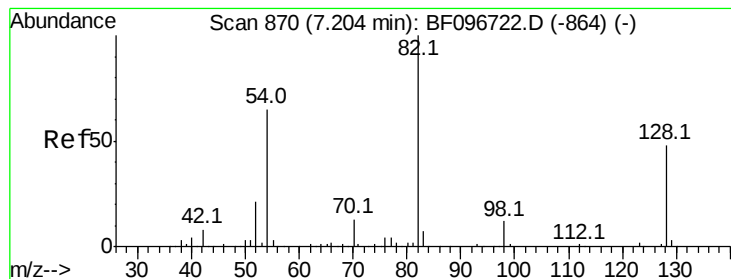
#22
Acetophenone
Concen: 0.047 ng
RT: 7.05 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion:105	Resp:	446
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	100.7	30.7 46.1#
120	0.0	17.4 26.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 13.895 ng

RT: 7.19 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

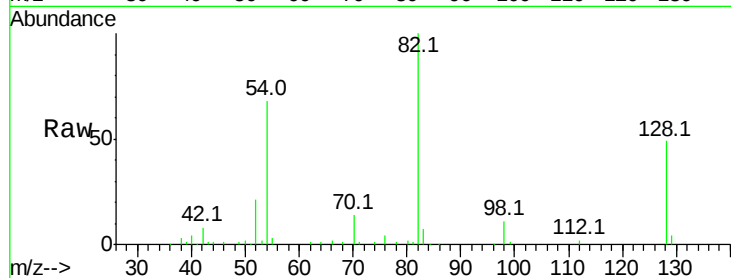
Tot Ion: 82 Resp: 96131

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

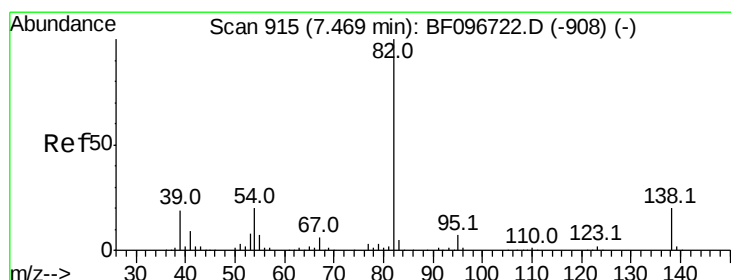
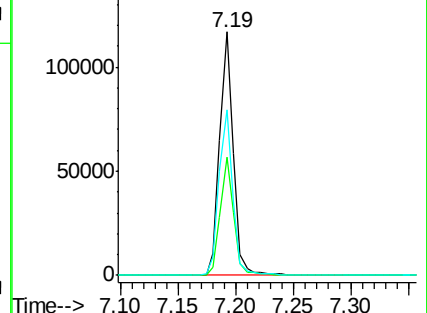
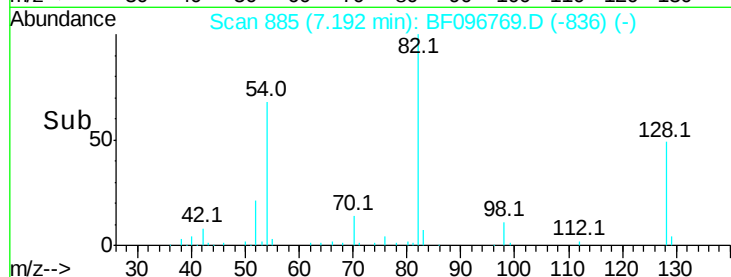
54 67.8 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 7.460 ng

RT: 7.19 min Scan# 885

Delta R.T. -0.28 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

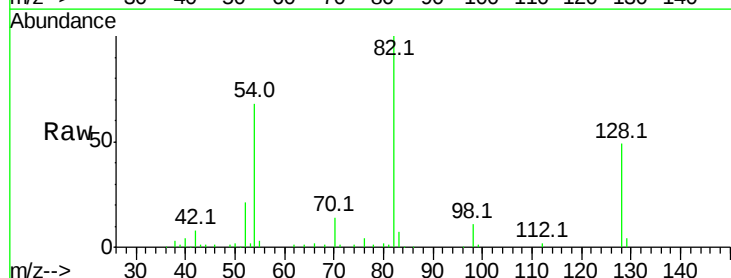
Tgt Ion: 82 Resp: 96006

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

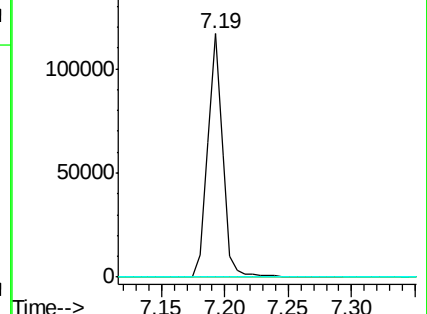
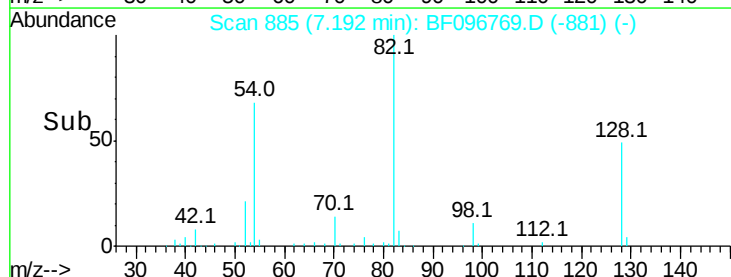
138 0.0 13.1 19.7#

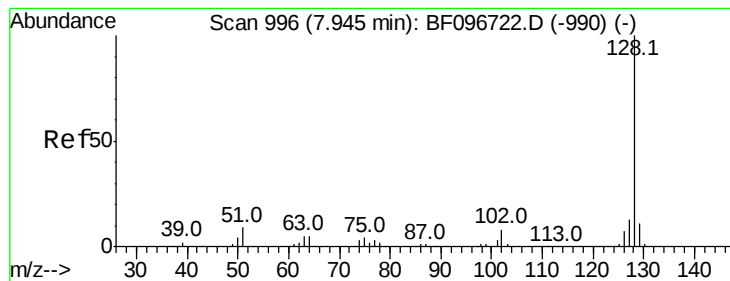


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 0.221 ng

RT: 7.94 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

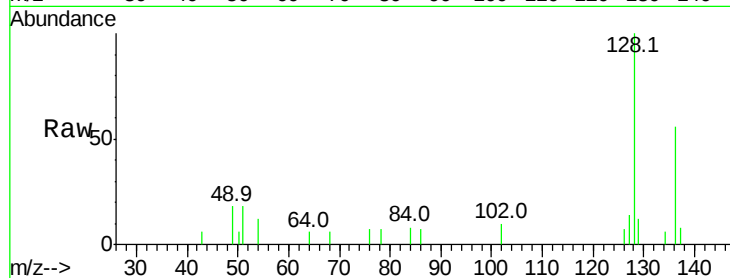
Tot Ion:128 Resp: 4493

Ion Ratio Lower Upper

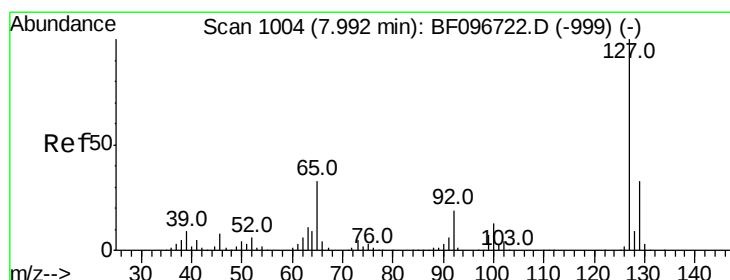
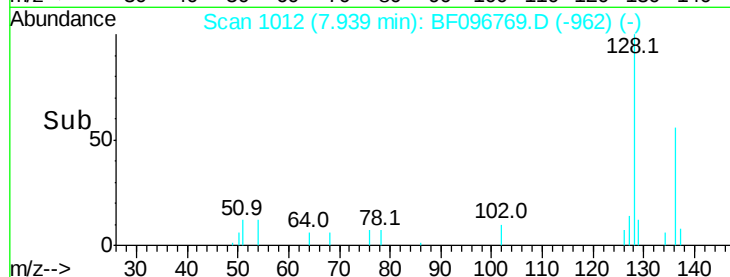
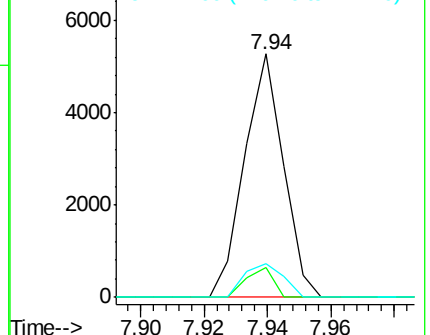
128 100

129 12.2 9.0 13.6

127 14.1 10.8 16.2



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



#33

4-Chloroaniline

Concen: 0.077 ng

RT: 7.94 min Scan# 1012

Delta R.T. -0.05 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Tgt Ion:127 Resp: 617

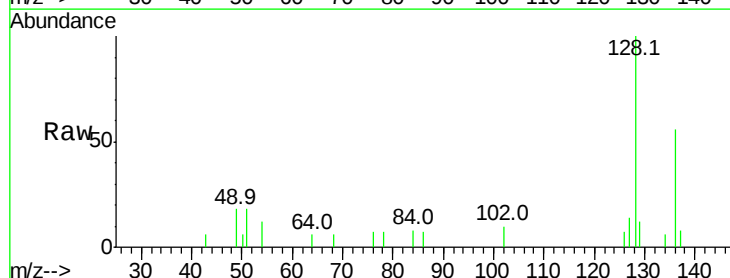
Ion Ratio Lower Upper

127 100

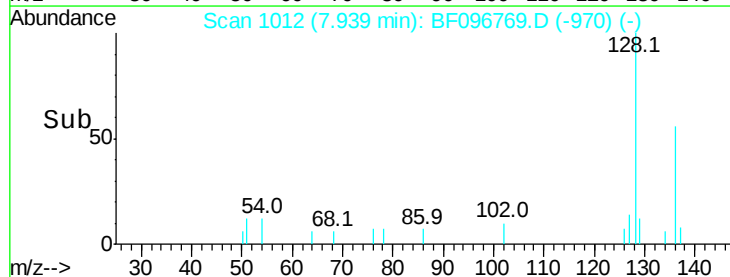
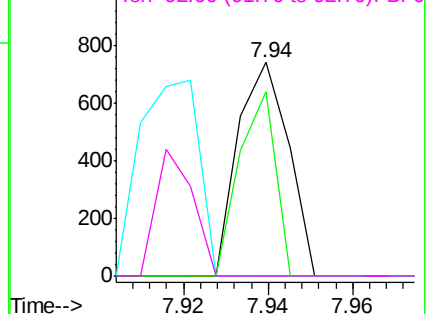
129 86.4 26.2 39.2#

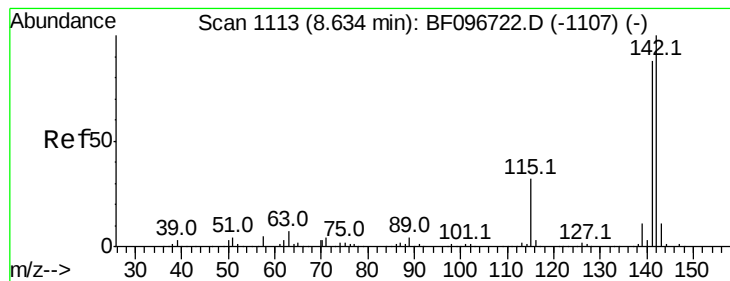
65 0.0 27.8 41.8#

92 0.0 16.8 25.2#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#37

2-Methylnaphthalene

Concen: 0.567 ng

RT: 8.63 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

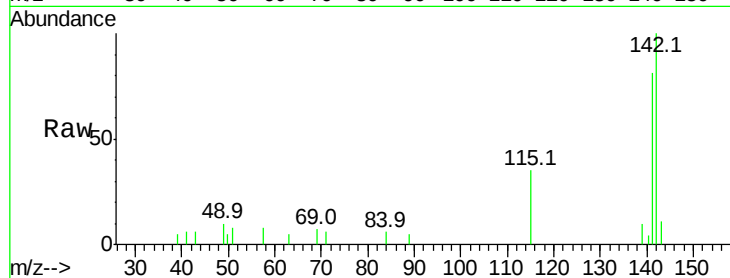
Tot Ion:142 Resp: 7340

Ion Ratio Lower Upper

142 100

141 80.8 71.3 106.9

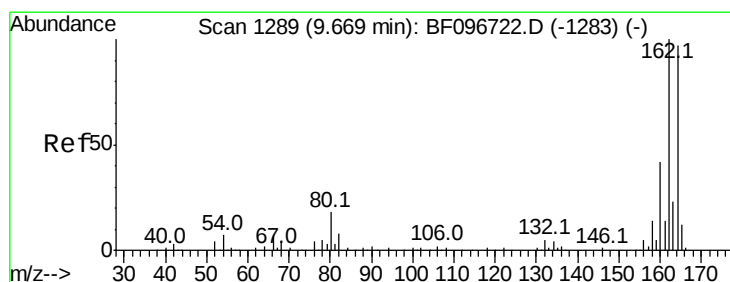
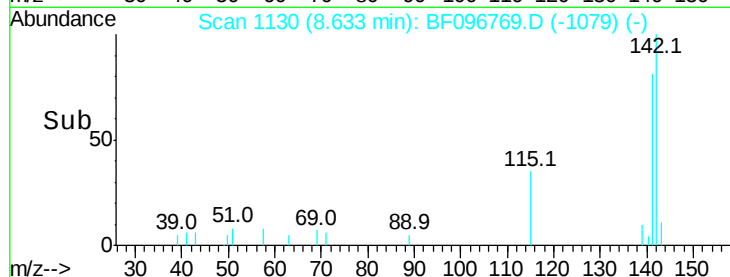
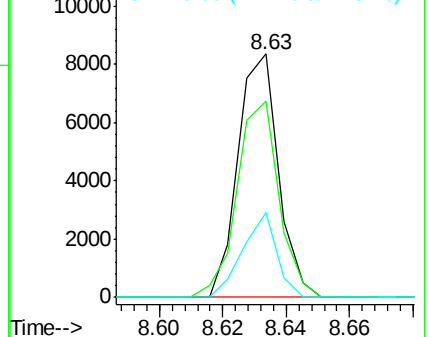
115 34.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.67 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

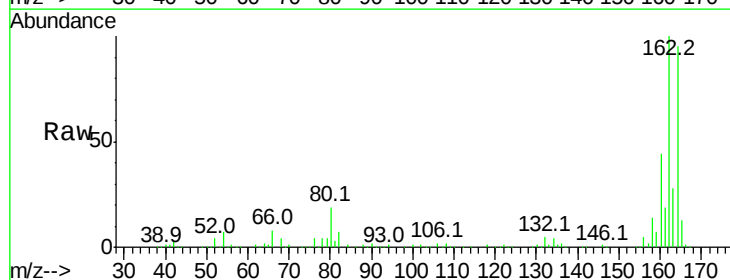
Tgt Ion:164 Resp: 179299

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

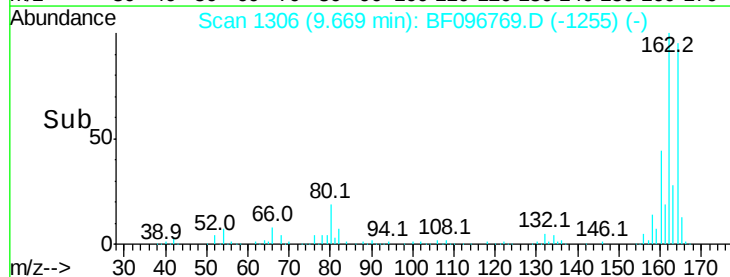
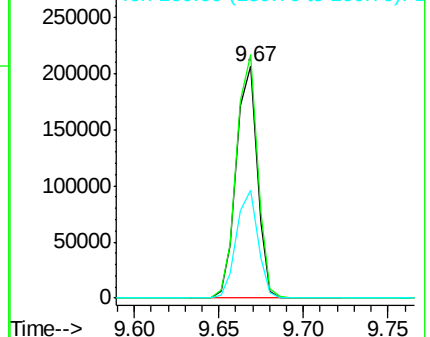
160 46.4 36.2 54.2

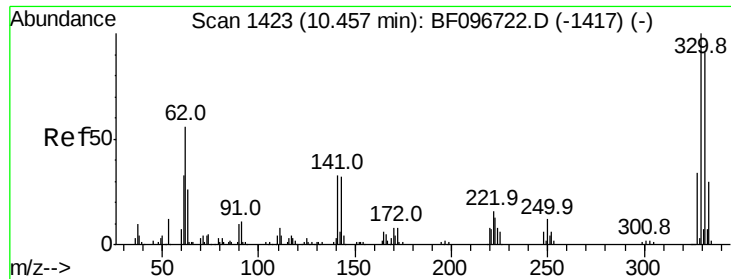


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

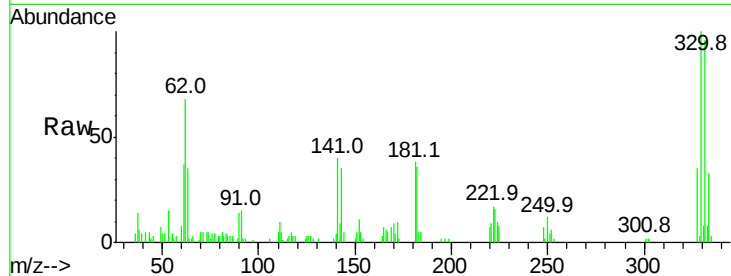




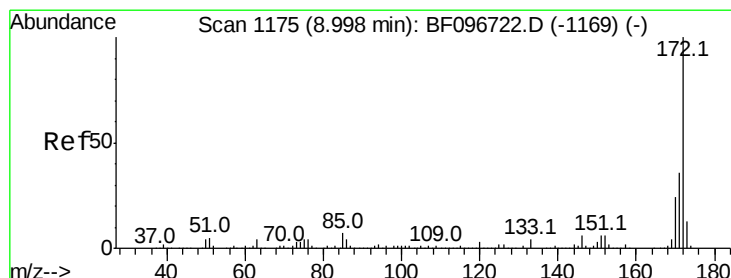
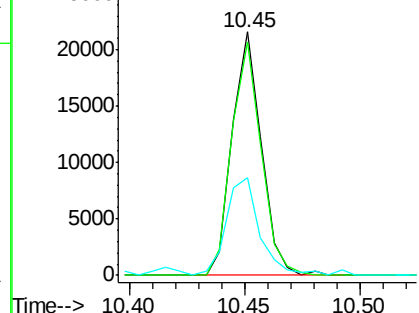
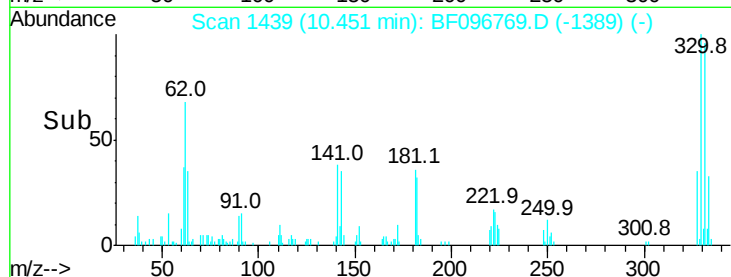
#41
 2,4,6-Tribromophenol
 Concen: 12.391 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 18964
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 46.3 31.4 47.2

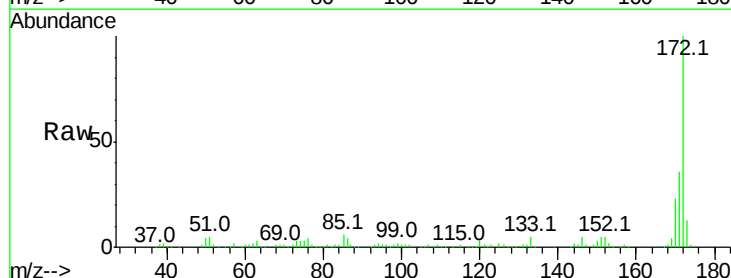


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

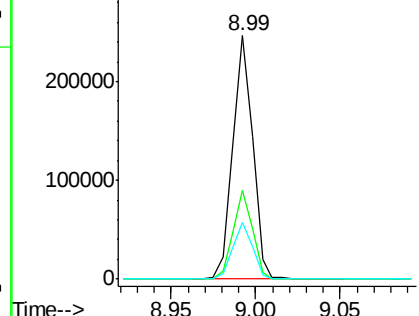
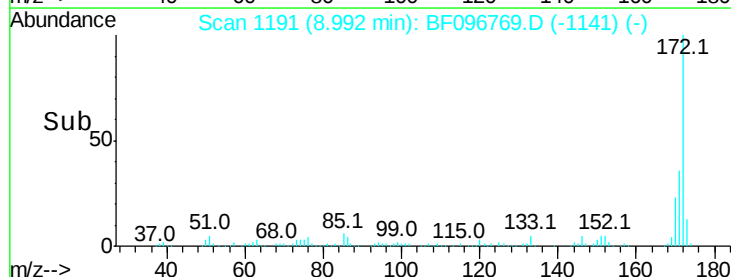


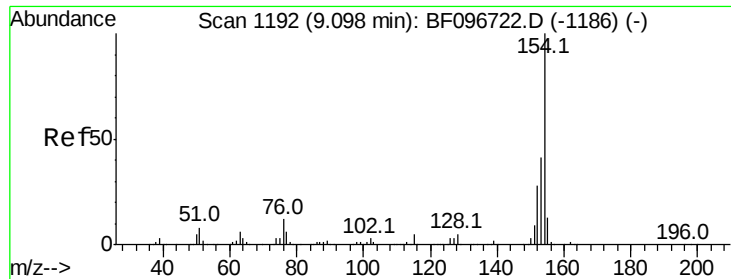
#44
 2-Fluorobiphenyl
 Concen: 17.744 ng
 RT: 8.99 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Tgt Ion:172 Resp: 201374
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.1 19.8 29.8



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

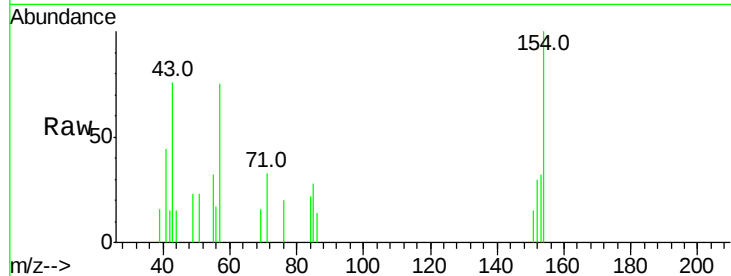




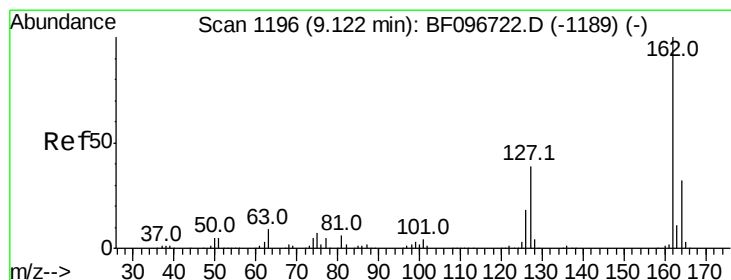
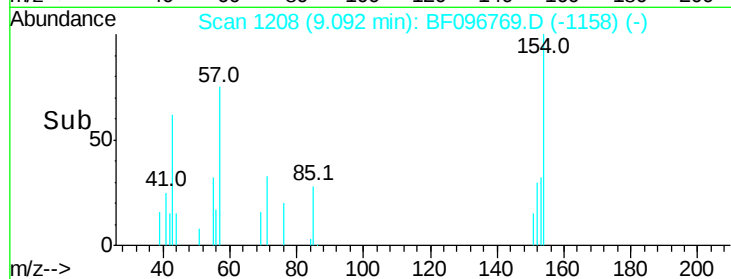
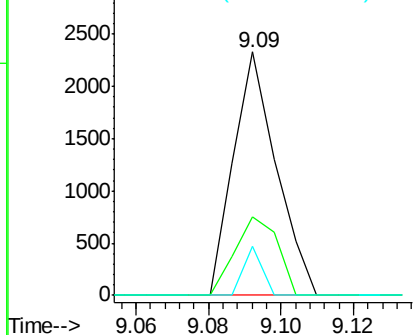
#45
 1,1'-Biphenyl
 Concen: 0.124 ng
 RT: 9.09 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1912
 Ion Ratio Lower Upper
 154 100
 153 32.3 21.2 61.2
 76 20.0 0.0 29.9

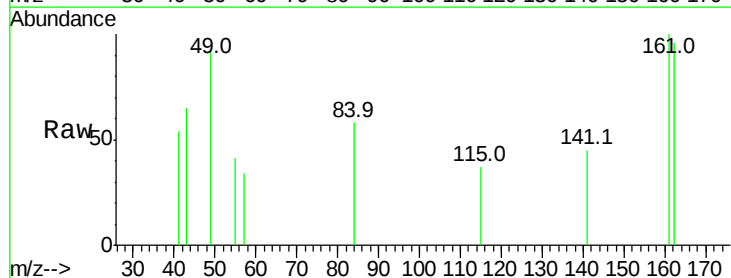


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

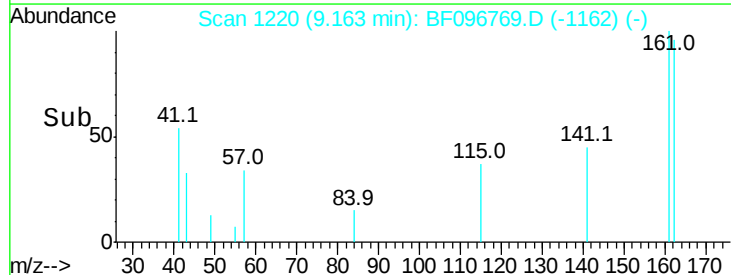
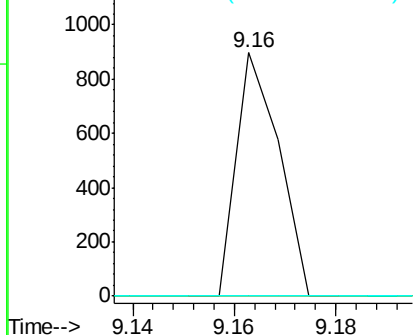


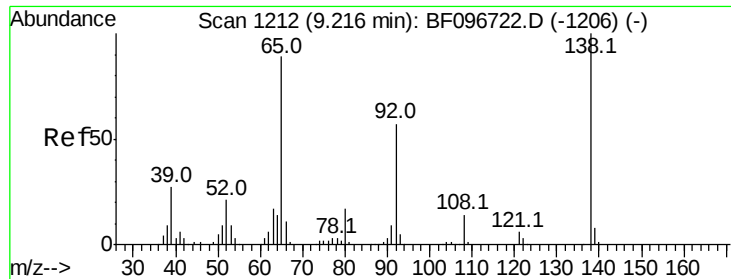
#46
 2-Chloronaphthalene
 Concen: 0.046 ng
 RT: 9.16 min Scan# 1220
 Delta R.T. 0.04 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Tgt Ion:162 Resp: 521
 Ion Ratio Lower Upper
 162 100
 127 0.0 28.3 42.5#
 164 0.0 27.0 40.4#



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

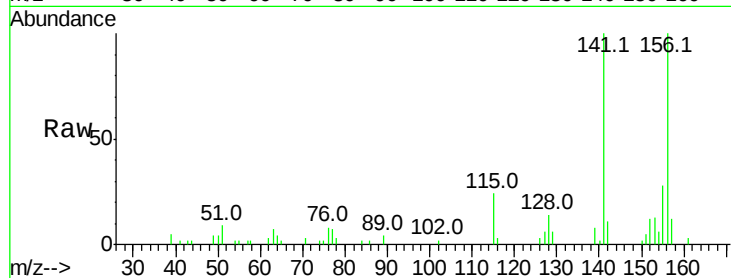




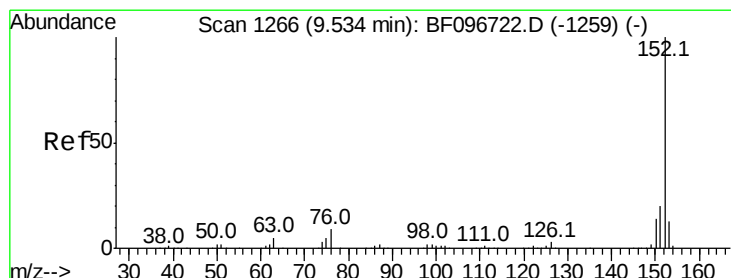
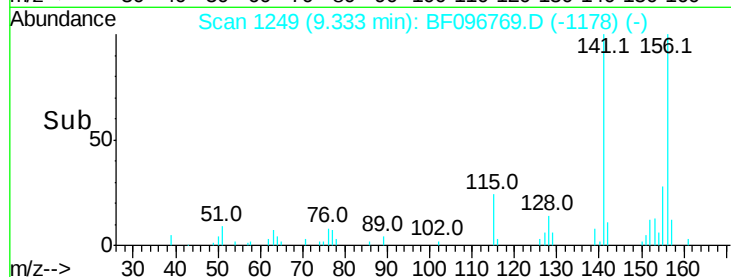
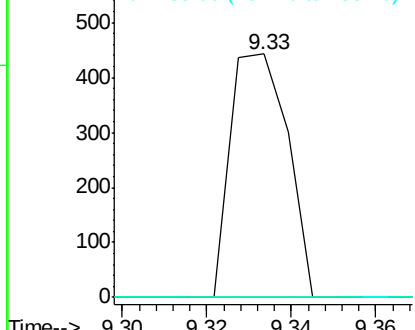
#47
2-Nitroaniline
Concen: 0.107 ng
RT: 9.33 min Scan# 1249
Delta R.T. 0.12 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 417
Ion Ratio Lower Upper
65 100
92 0.0 53.9 80.9#
138 0.0 78.8 118.2#

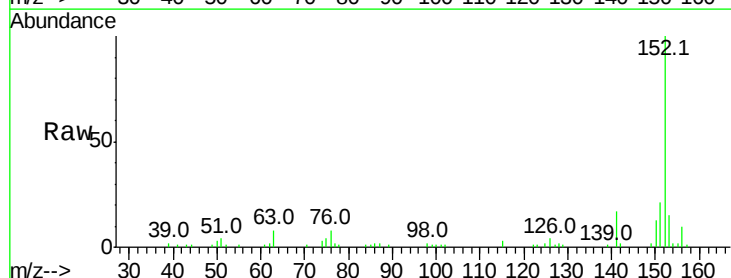


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

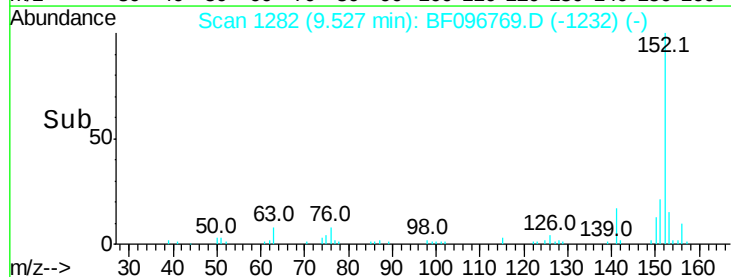
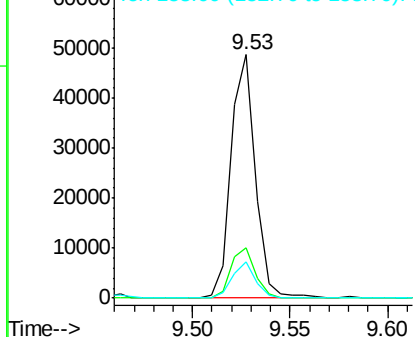


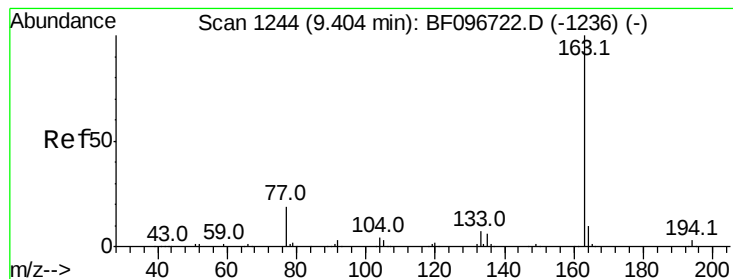
#48
Acenaphthylene
Concen: 2.335 ng
RT: 9.53 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion:152 Resp: 42123
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 15.1 10.8 16.2



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





#49

Dimethylphthalate

Concen: 2.128 ng

RT: 9.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampled :

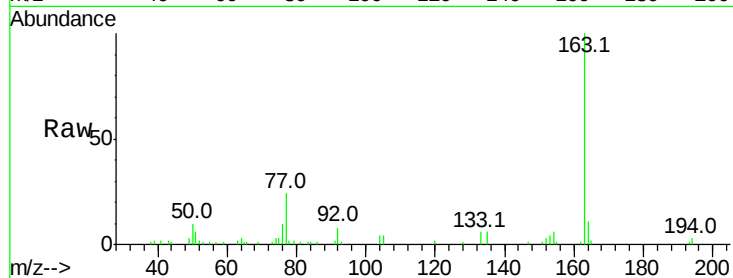
Tot Ion:163 Resp: 28734

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

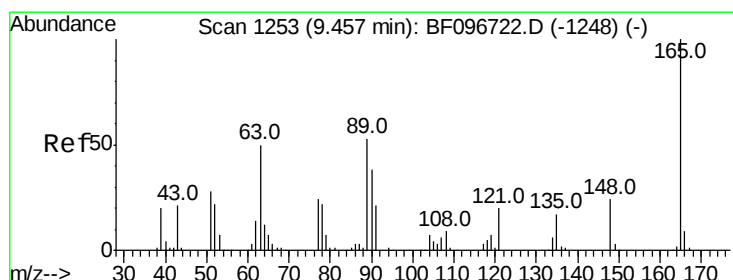
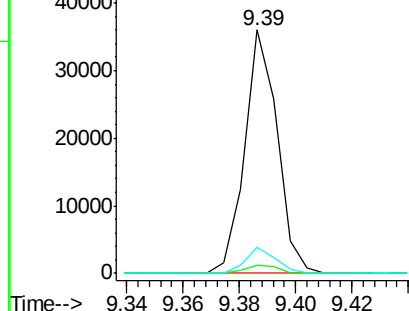
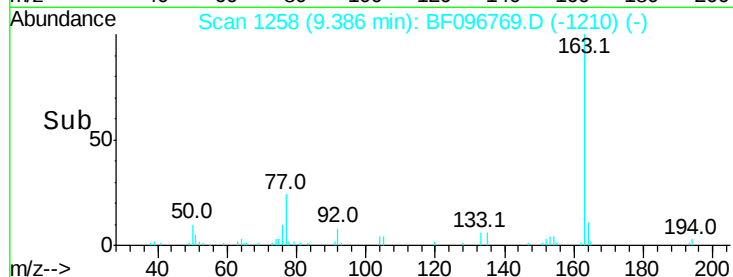
164 10.6 8.4 12.6



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: 8.299 ng

RT: 9.67 min Scan# 1306

Delta R.T. 0.21 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

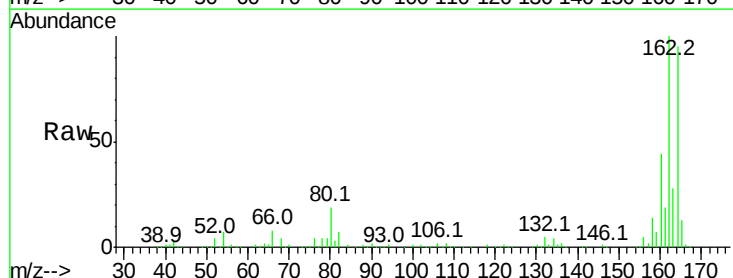
Tgt Ion:165 Resp: 24267

Ion Ratio Lower Upper

165 100

63 1.1 34.3 51.5#

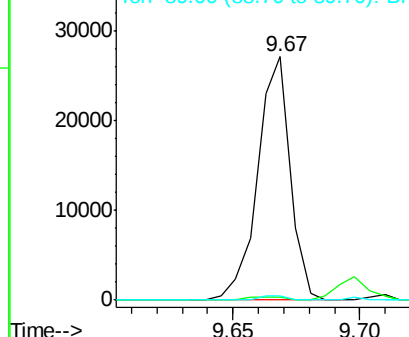
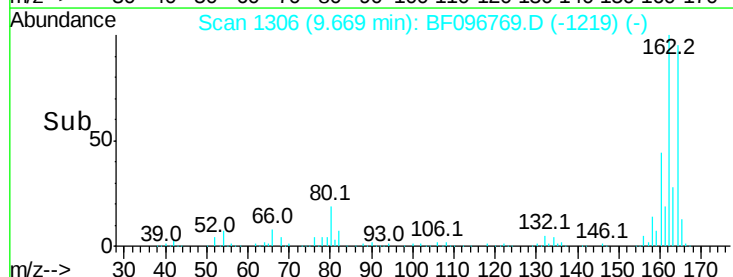
89 1.7 37.1 55.7#

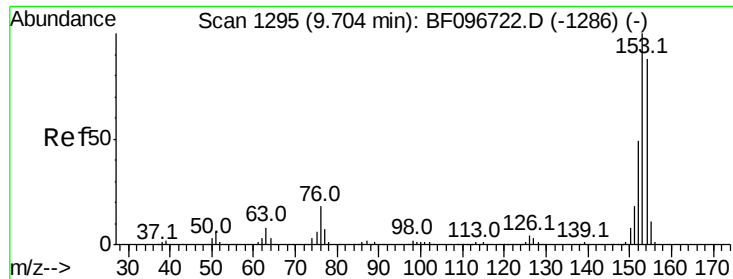


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.174 ng

RT: 9.70 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

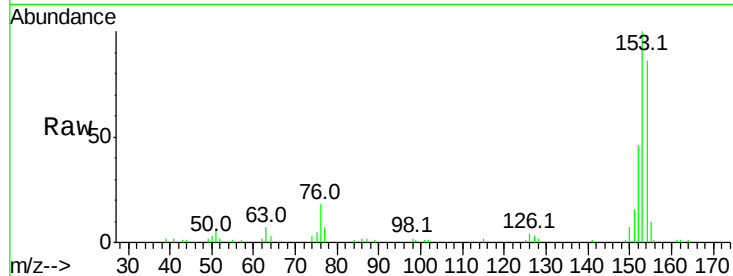
Tot Ion:154 Resp: 23175

Ion Ratio Lower Upper

154 100

153 116.2 90.5 135.7

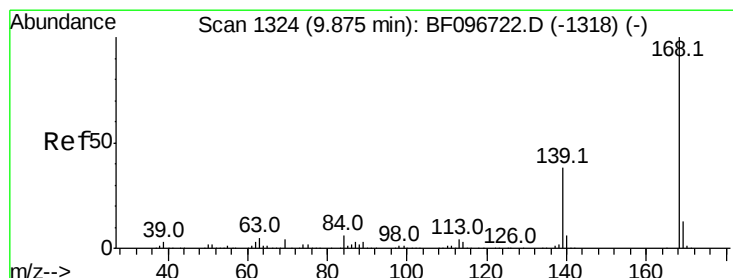
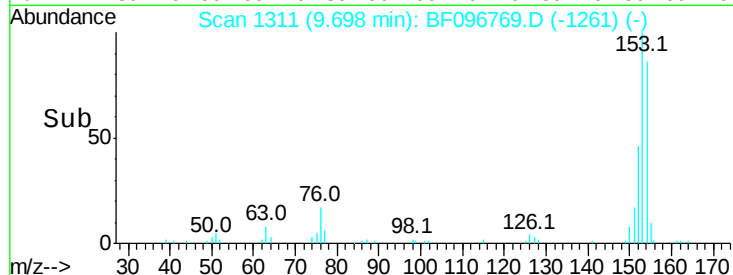
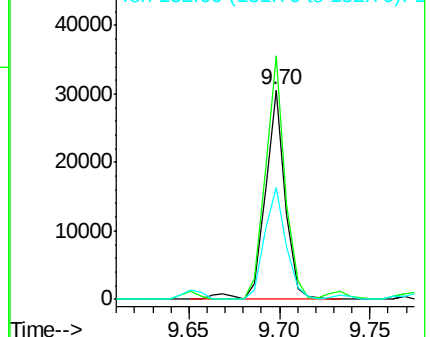
152 53.2 43.6 65.4



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



#54

Dibenzofuran

Concen: 0.647 ng

RT: 9.87 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

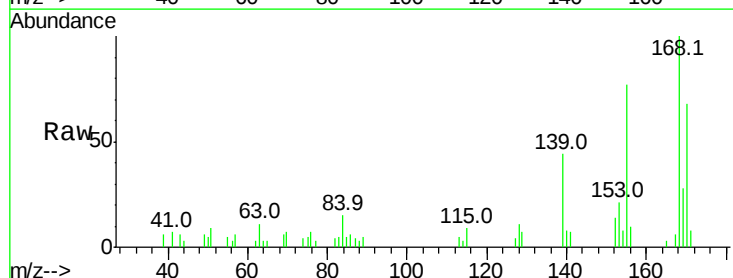
Tgt Ion:168 Resp: 9657

Ion Ratio Lower Upper

168 100

139 44.5 30.6 45.8

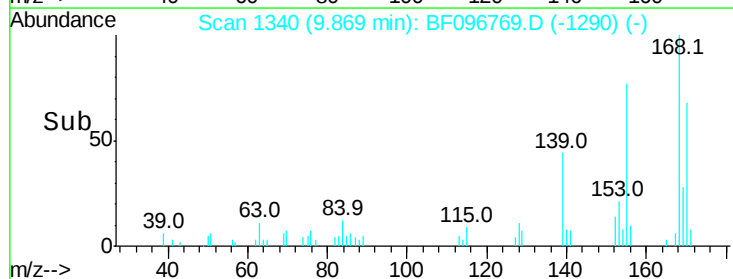
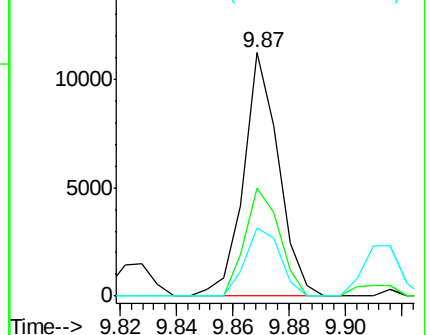
169 27.9 10.8 16.2#

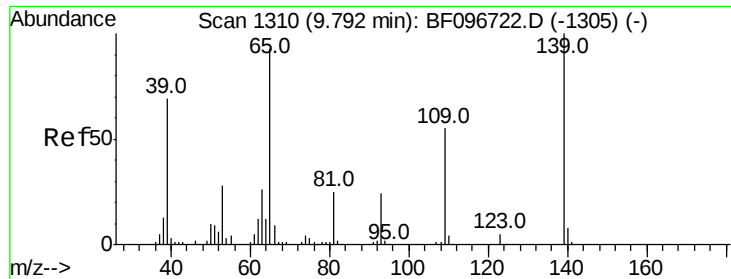


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 1.671 ng

RT: 9.87 min Scan# 1340

Delta R.T. 0.08 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

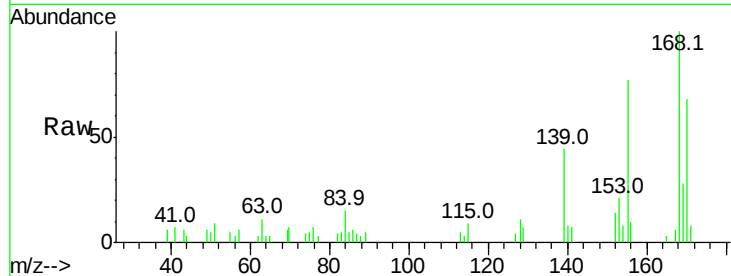
Tot Ion:139 Resp: 4228

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

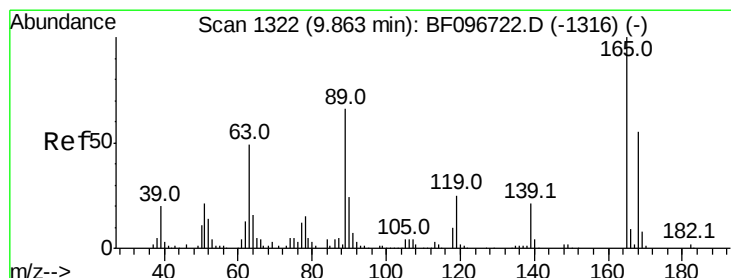
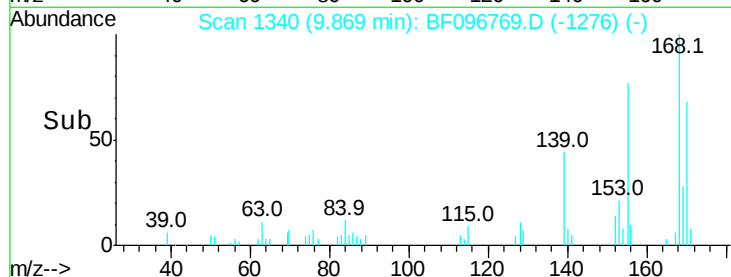
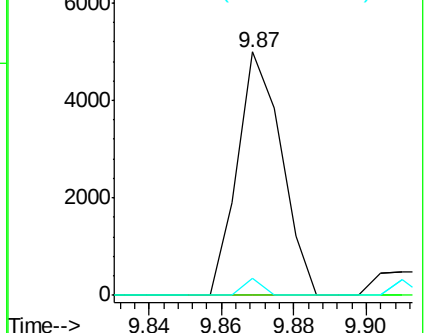
65 7.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 0.444 ng

RT: 9.97 min Scan# 1358

Delta R.T. 0.11 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Tgt Ion:165 Resp: 1670

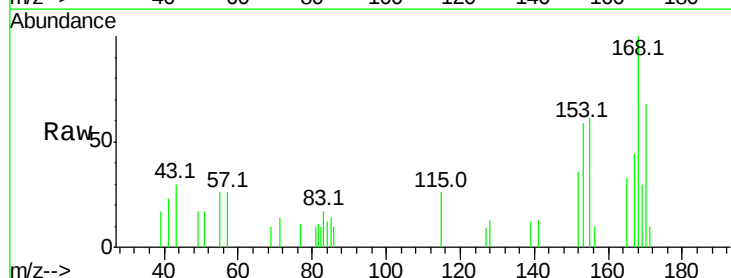
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

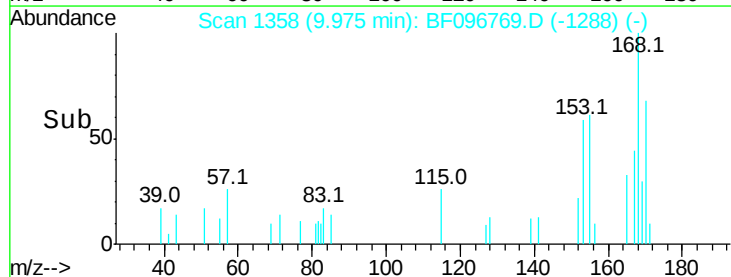
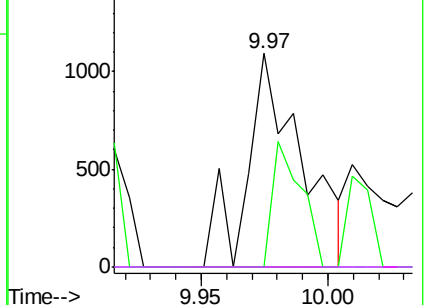


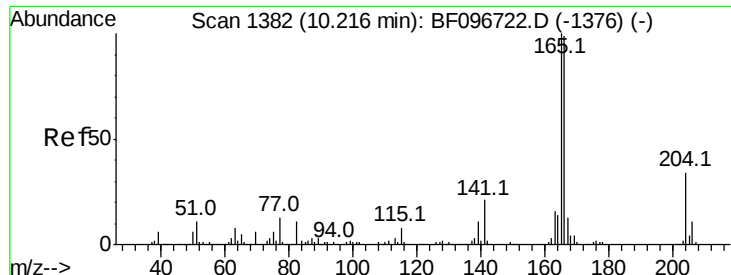
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

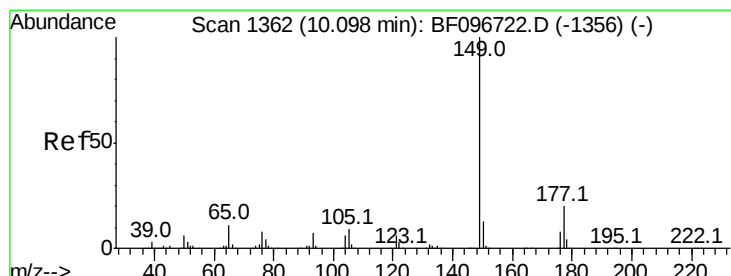
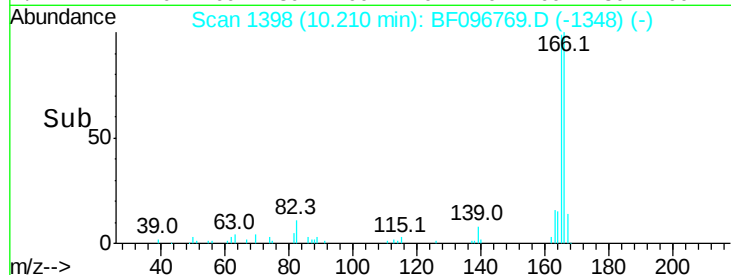
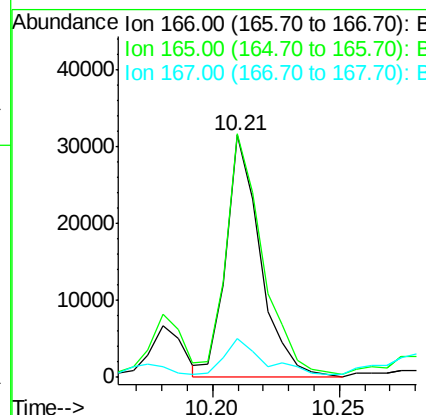
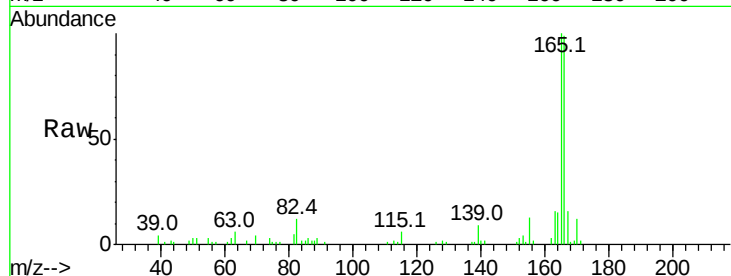




#57
 Fluorene
 Concen: 2.690 ng
 RT: 10.21 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

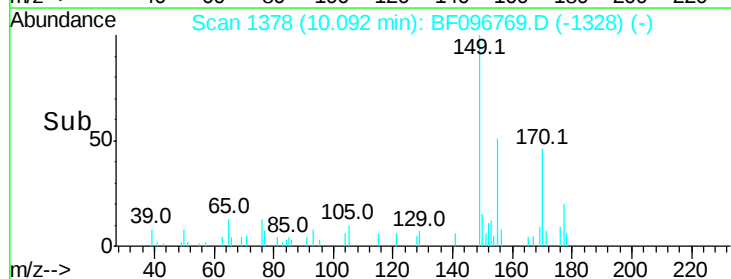
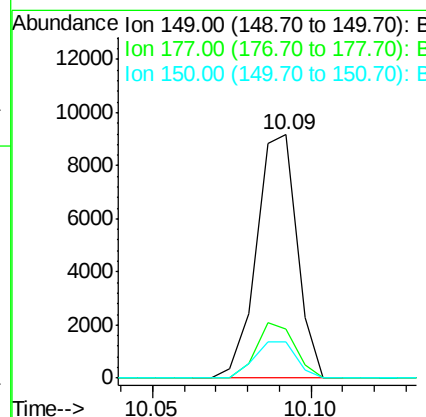
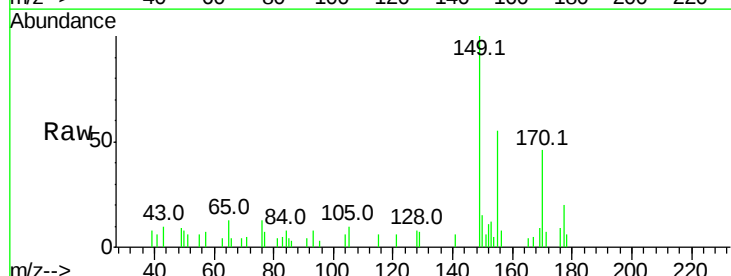
Instrument :
 BNA_F
 ClientSampleId :

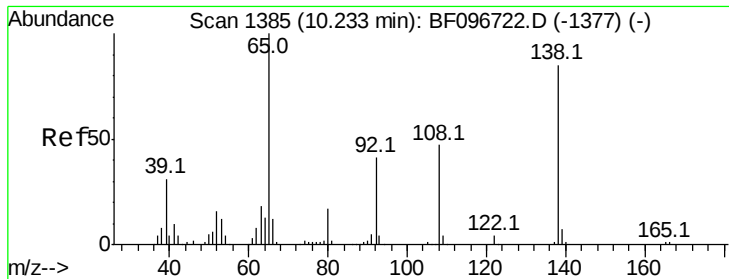
Tot Ion:166 Resp: 29685
 Ion Ratio Lower Upper
 166 100
 165 100.5 78.8 118.2
 167 15.8 10.6 16.0



#59
 Diethylphthalate
 Concen: 0.621 ng
 RT: 10.09 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Tgt Ion:149 Resp: 8157
 Ion Ratio Lower Upper
 149 100
 177 20.1 16.7 25.1
 150 14.8 10.2 15.2

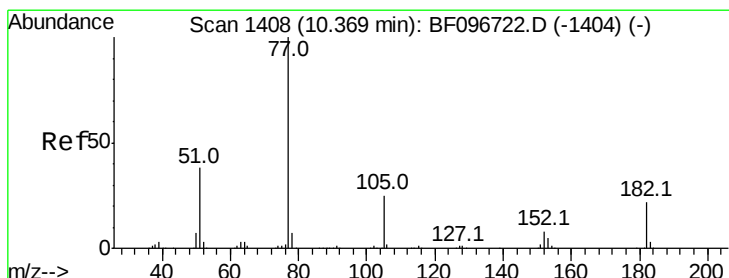
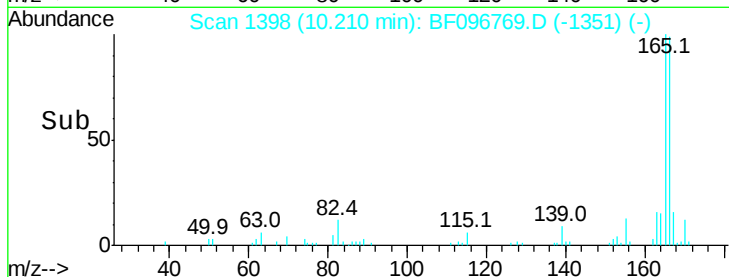
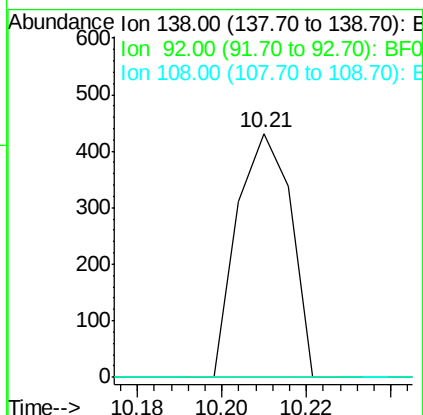
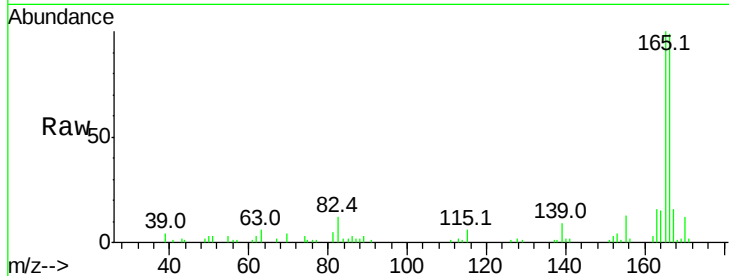




#61
4-Nitroaniline
Concen: 0.117 ng
RT: 10.21 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

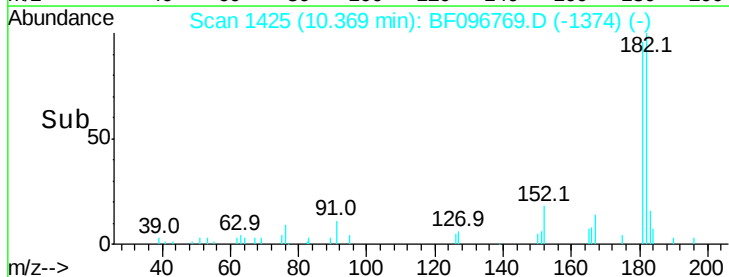
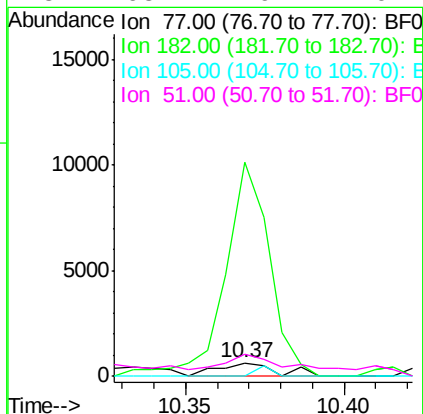
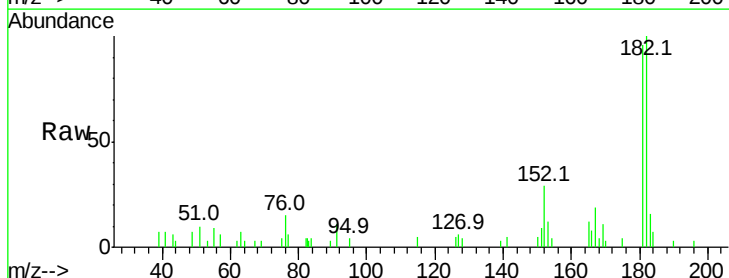
Instrument :
BNA_F
ClientSampleId :

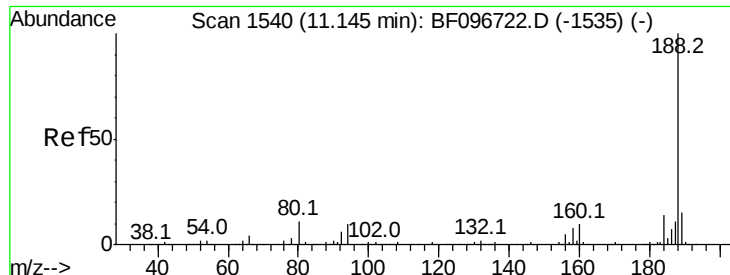
Tot Ion:138 Resp: 382
Ion Ratio Lower Upper
138 100
92 0.0 21.8 61.8#
108 0.0 42.3 82.3#



#62
Azobenzene
Concen: 0.069 ng
RT: 10.37 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion: 77 Resp: 797
Ion Ratio Lower Upper
77 100
182 1653.9 0.1 40.1#
105 0.0 3.6 43.6#
51 165.4 9.4 49.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

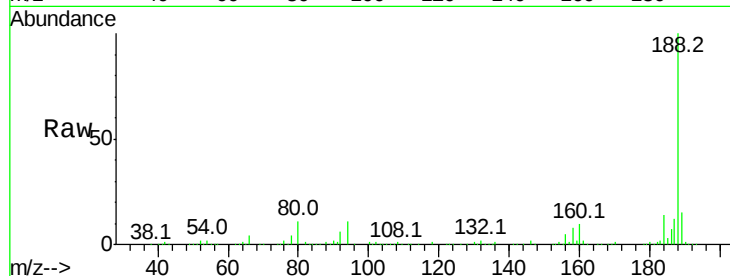
Tot Ion:188 Resp: 258345

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

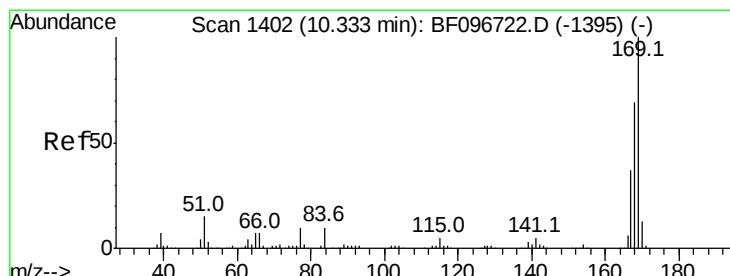
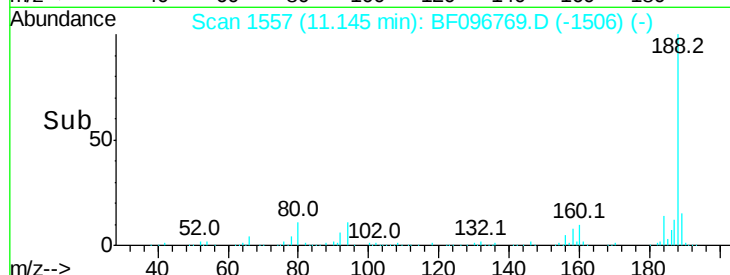
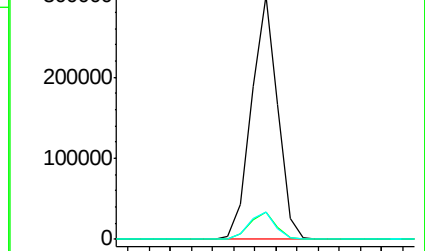
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 0.315 ng

RT: 10.33 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

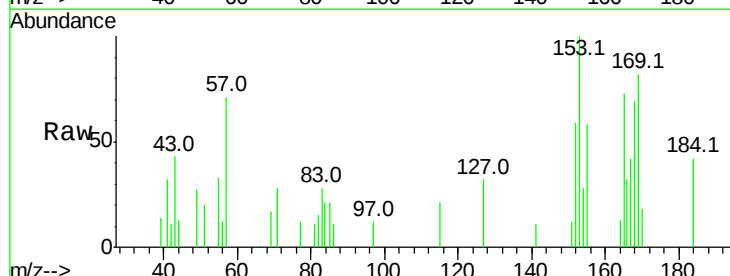
Tgt Ion:169 Resp: 2912

Ion Ratio Lower Upper

169 100

168 83.4 53.2 79.8#

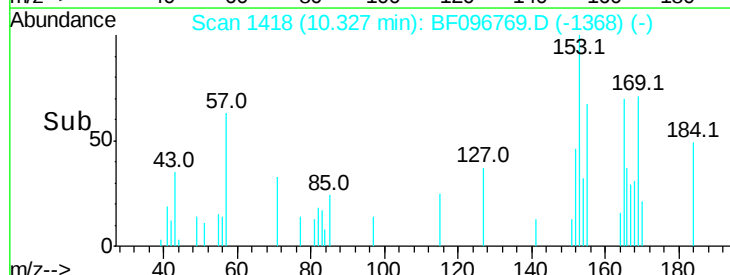
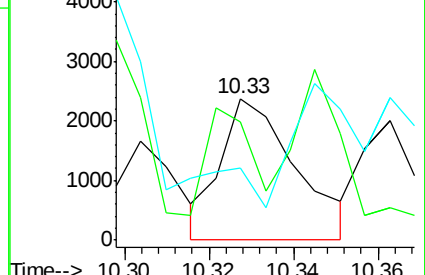
167 51.3 29.5 44.3#

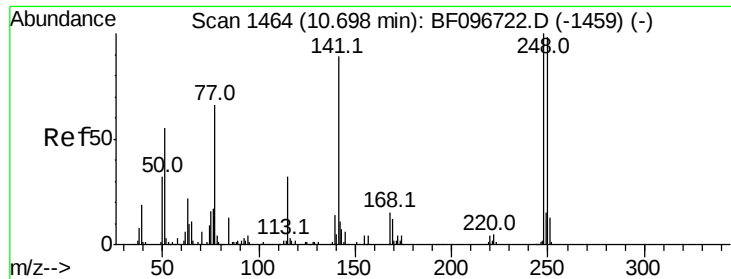


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

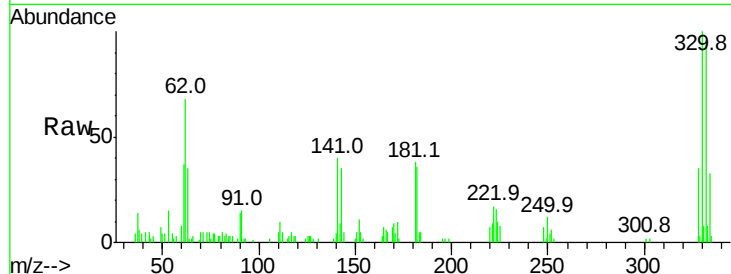




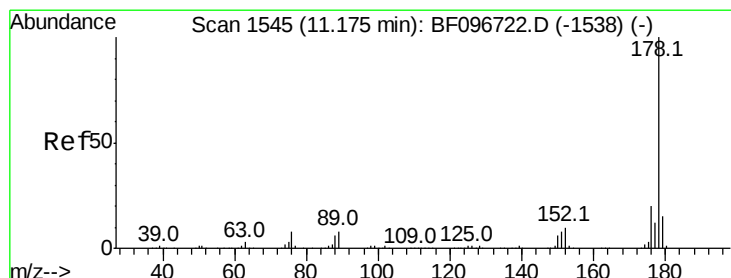
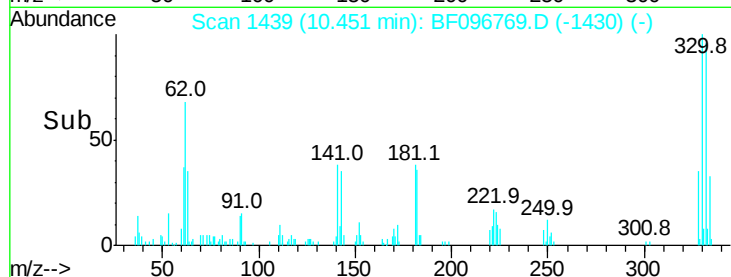
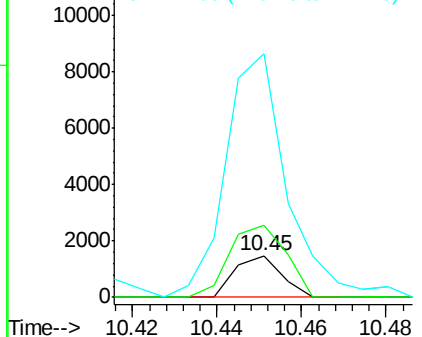
#66
 4-Bromophenyl-phenylether
 Concen: 0.425 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 1122
 Ion Ratio Lower Upper
 248 100
 250 173.5 76.8 115.2#
 141 584.6 68.6 103.0#

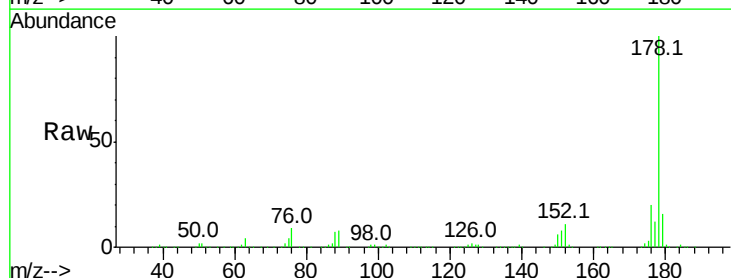


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

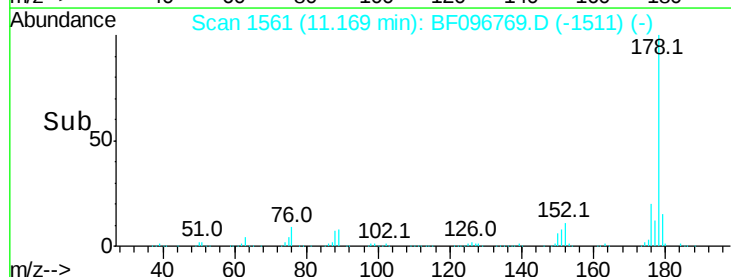
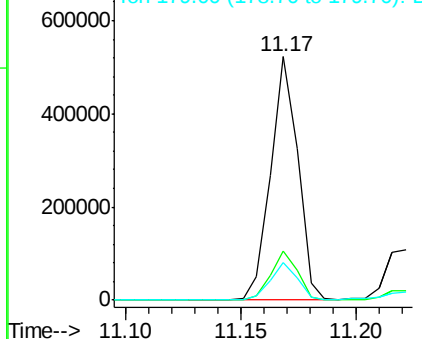


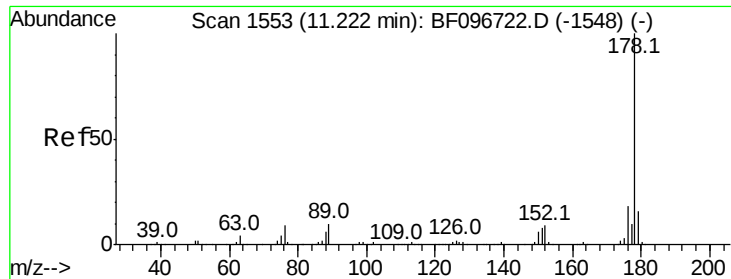
#70
 Phenanthrene
 Concen: 30.477 ng
 RT: 11.17 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Tgt Ion:178 Resp: 428112
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.5 12.6 19.0



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

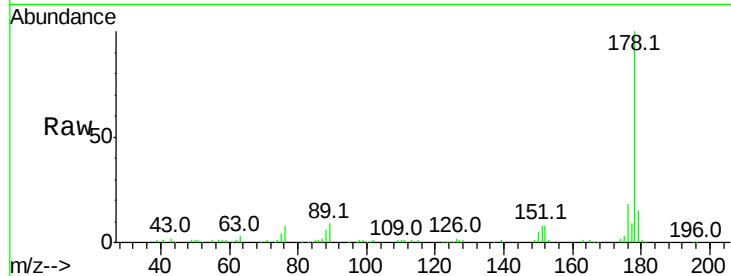




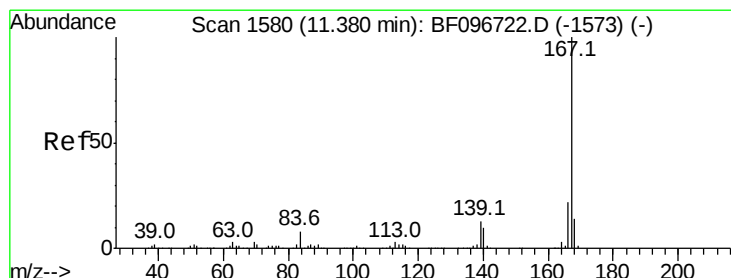
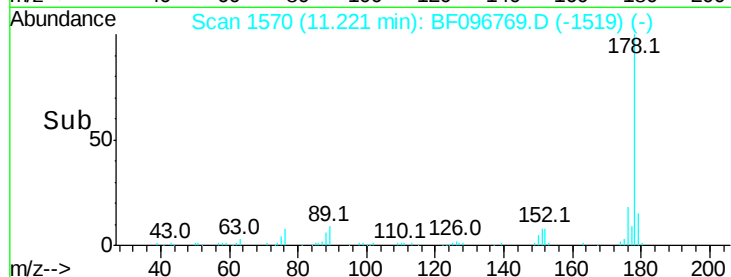
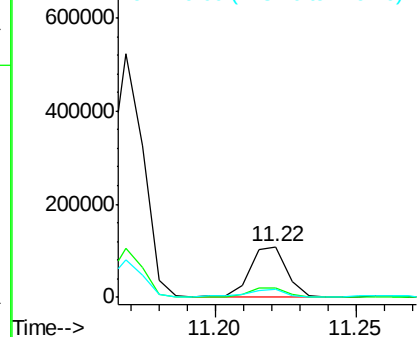
#71
 Anthracene
 Concen: 6.838 ng
 RT: 11.22 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 97124
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.8 23.8
 179 15.4 12.7 19.1

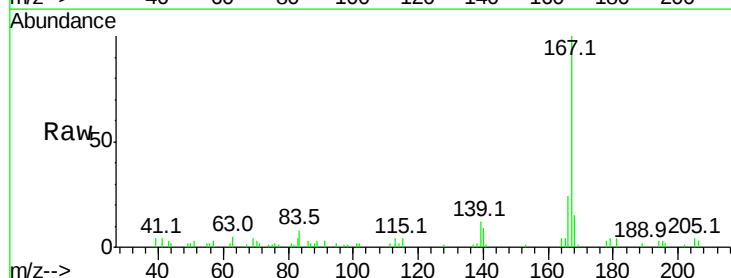


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

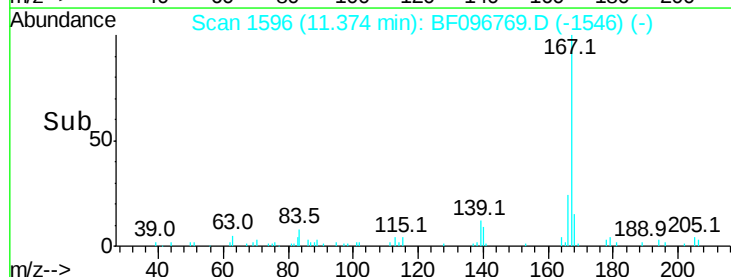
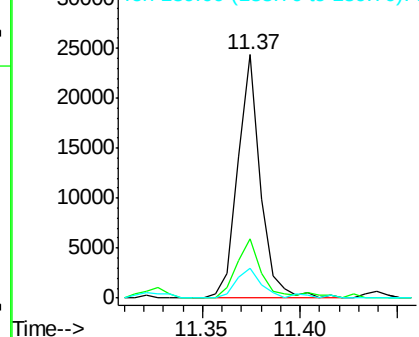


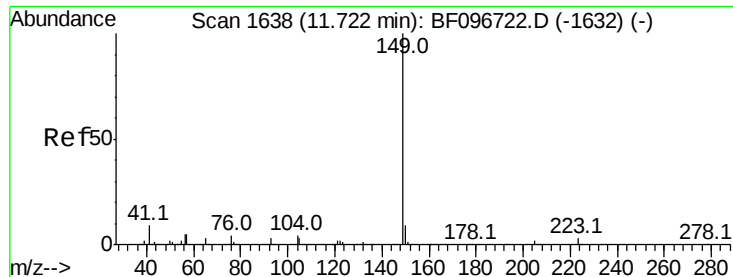
#72
 Carbazole
 Concen: 1.425 ng
 RT: 11.37 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Tgt Ion:167 Resp: 19597
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.1 27.1
 139 12.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.095 ng

RT: 11.72 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampled :

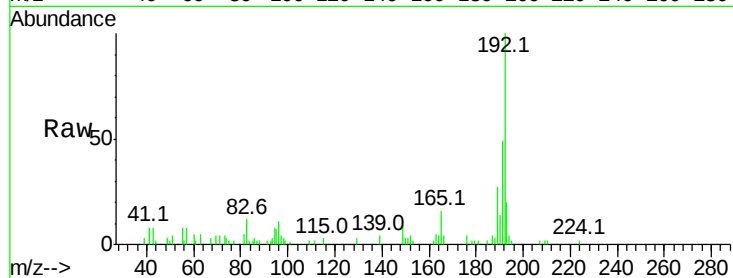
Tot Ion:149 Resp: 1619

Ion Ratio Lower Upper

149 100

150 29.6 7.7 11.5#

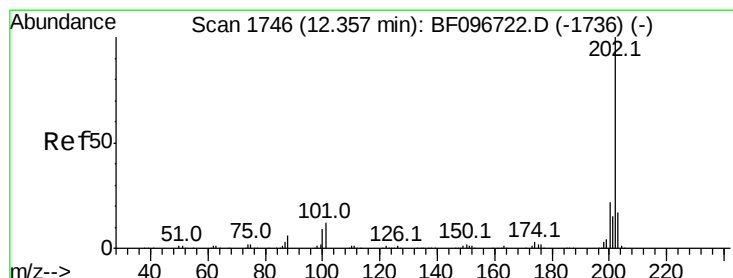
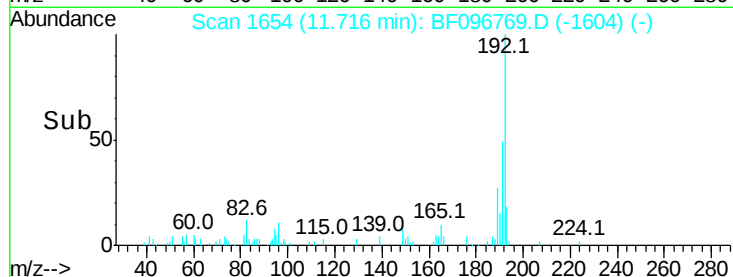
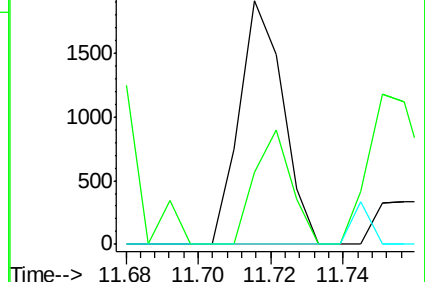
104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.715 ng

RT: 12.36 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

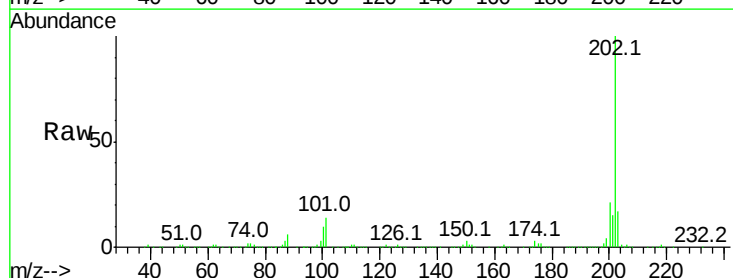
Tgt Ion:202 Resp: 587772

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

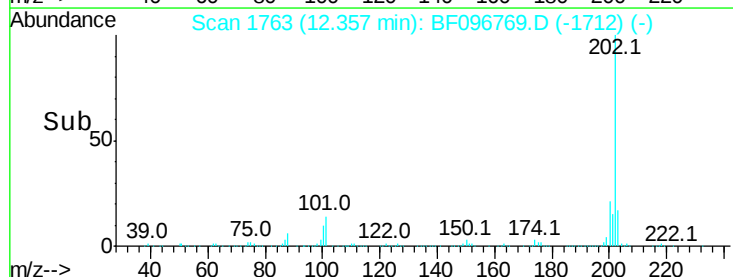
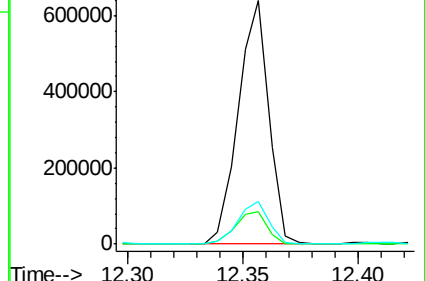
203 17.4 0.0 38.1

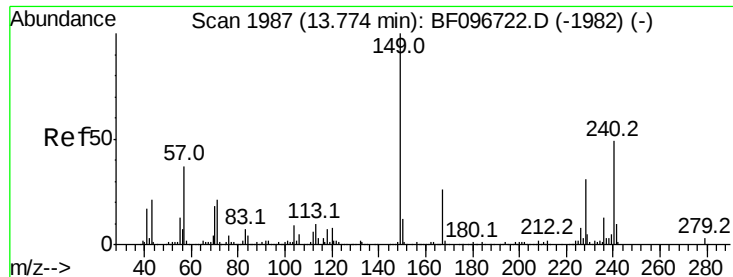


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

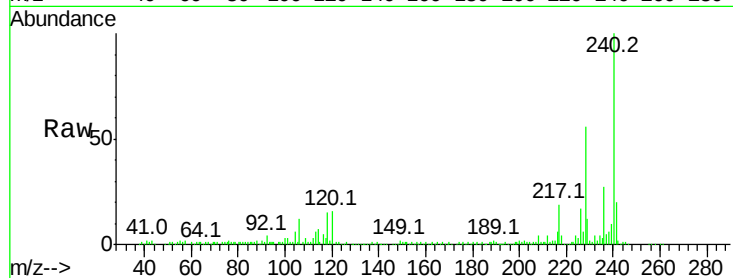
Tot Ion:240 Resp: 173902

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

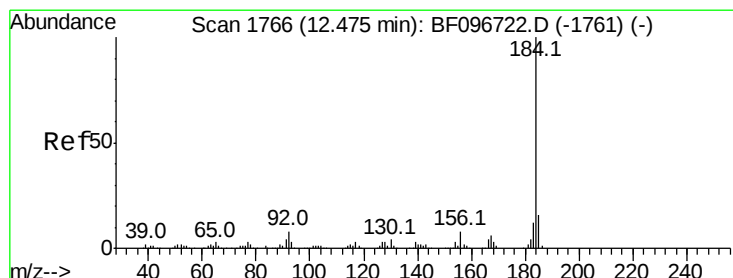
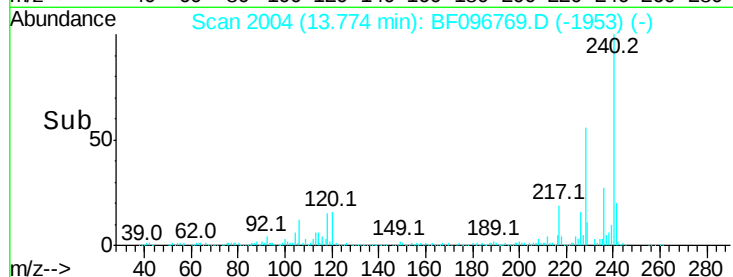
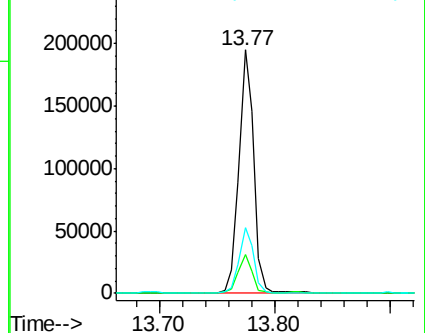
236 27.2 20.5 30.7



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: 0.251 ng

RT: 12.73 min Scan# 1826

Delta R.T. 0.25 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

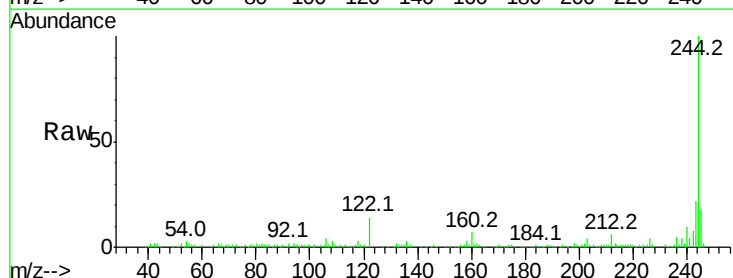
Tgt Ion:184 Resp: 1429

Ion Ratio Lower Upper

184 100

185 30.8 15.5 23.3#

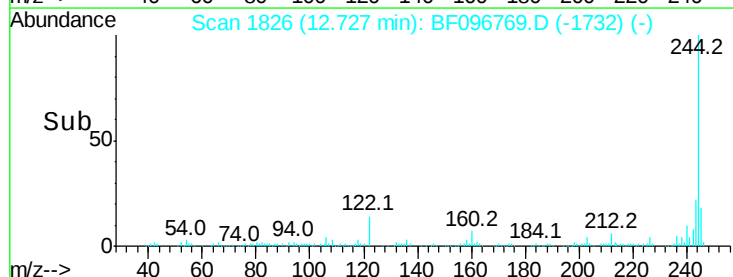
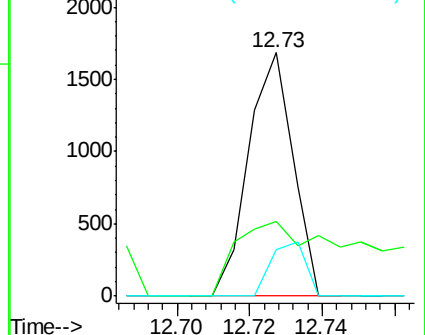
183 19.0 9.8 14.6#

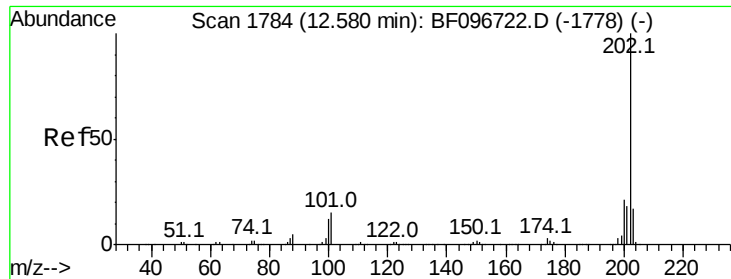


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.546 ng

RT: 12.58 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

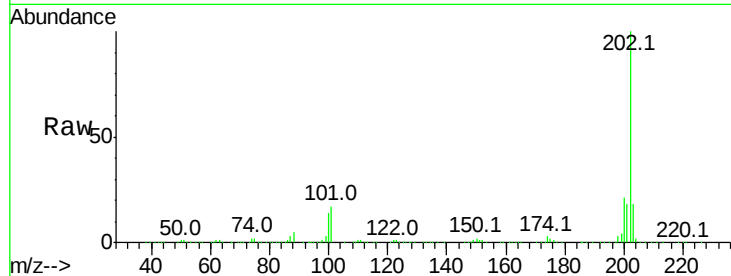
Tot Ion:202 Resp: 576786

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

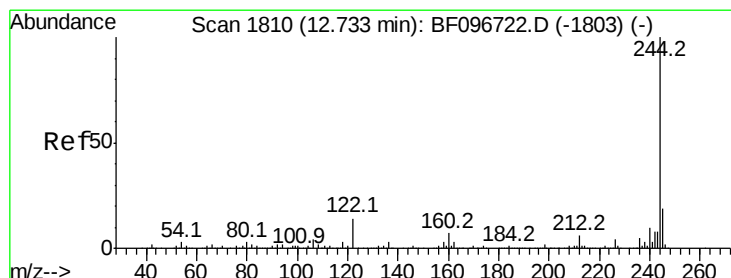
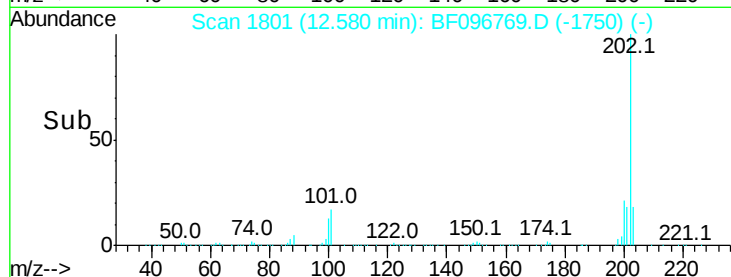
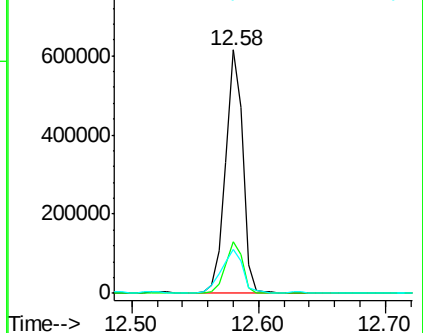
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 11.776 ng

RT: 12.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

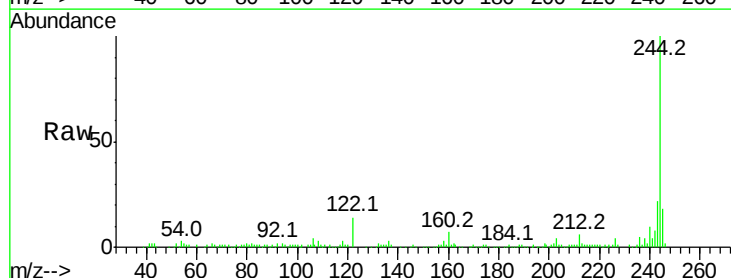
Tgt Ion:244 Resp: 118084

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

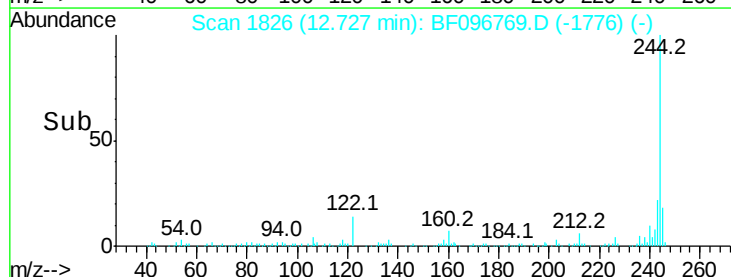
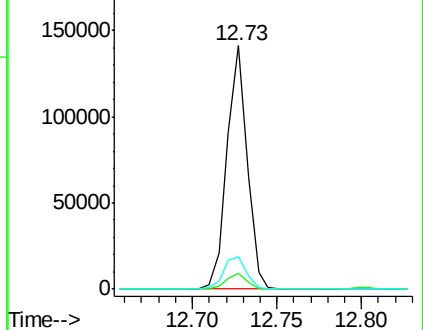
122 13.5 10.3 15.5

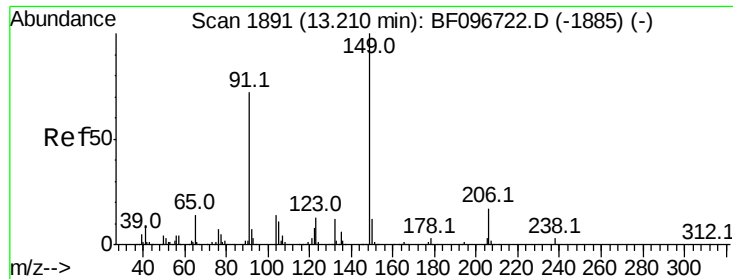


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

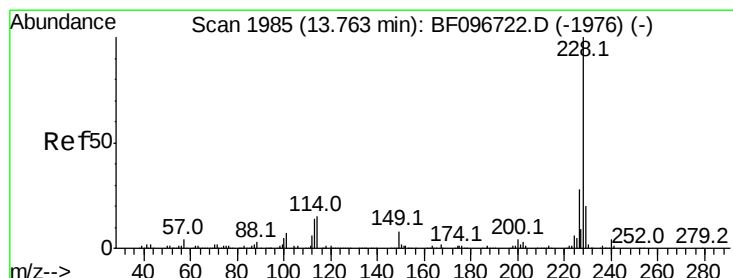
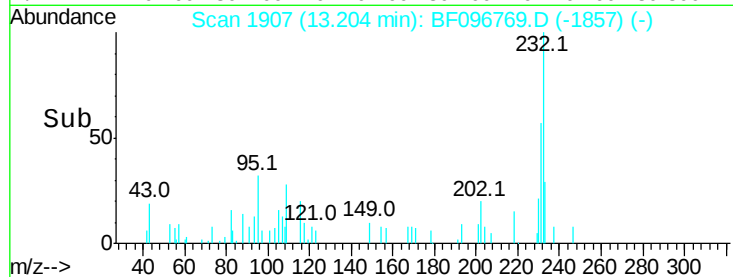
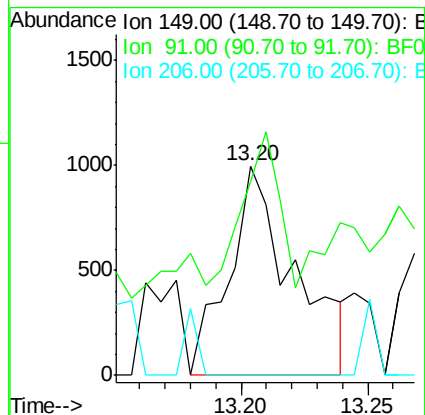
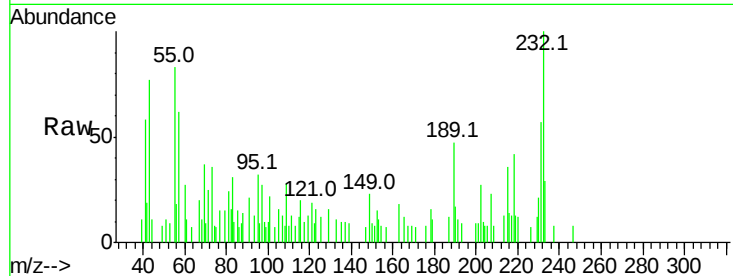




#79
Butylbenzylphthalate
Concen: 0.476 ng
RT: 13.20 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

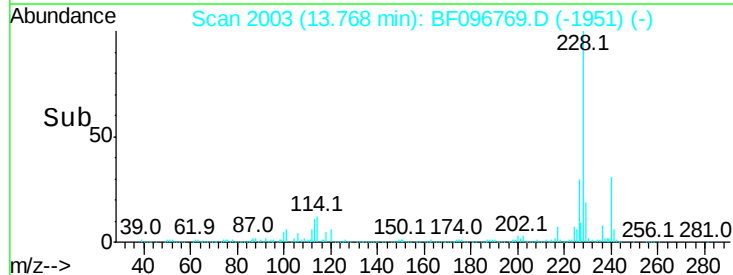
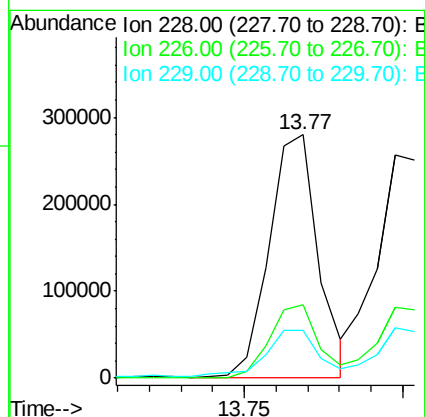
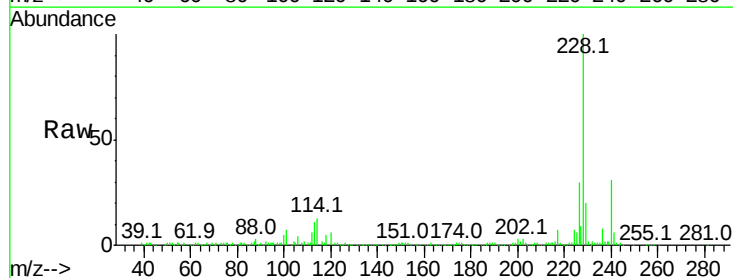
Instrument :
BNA_F
ClientSampled :

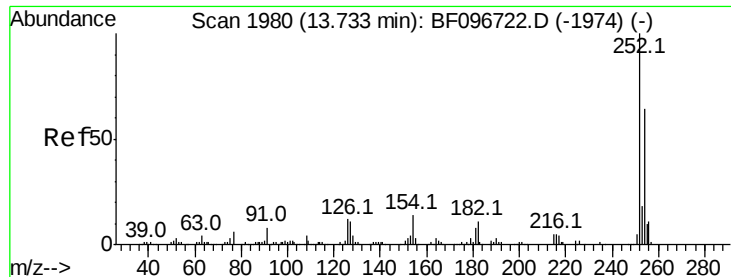
Tot Ion:149 Resp: 1784
Ion Ratio Lower Upper
149 100
91 92.2 45.0 67.4#
206 0.0 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 27.672 ng
RT: 13.77 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion:228 Resp: 299833
Ion Ratio Lower Upper
228 100
226 30.3 22.6 33.8
229 19.5 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 0.937 ng

RT: 13.82 min Scan# 2011

Delta R.T. 0.08 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

Instrument :

BNA_F

ClientSampleId :

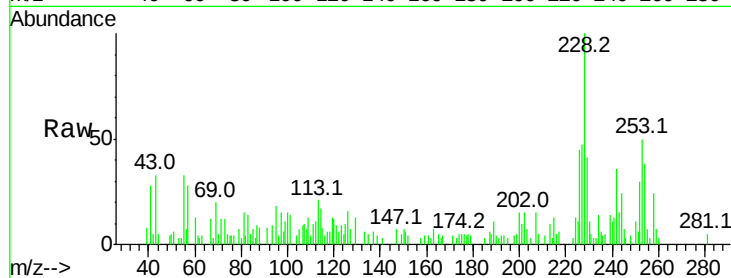
Tot Ion:252 Resp: 3650

Ion Ratio Lower Upper

252 100

254 128.5 51.5 77.3#

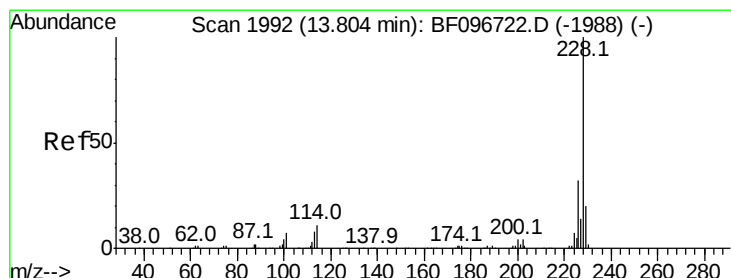
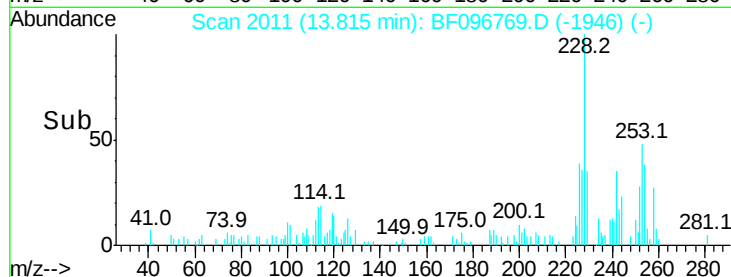
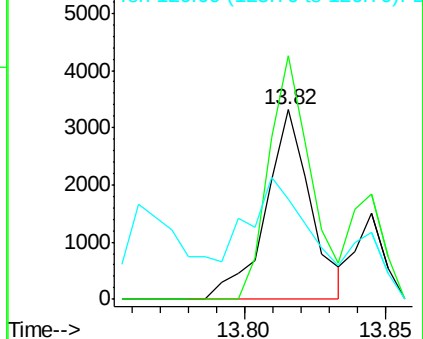
126 52.8 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 26.309 ng

RT: 13.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096769.D

Acq: 14 Jul 2017 12:13

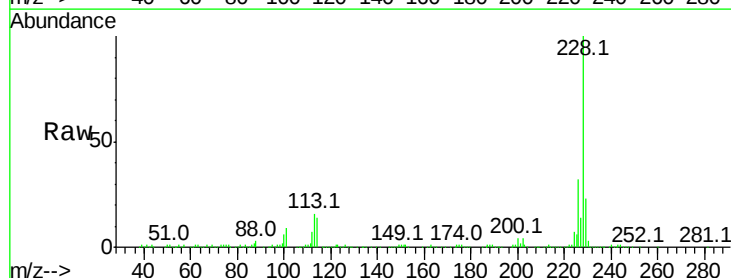
Tgt Ion:228 Resp: 280637

Ion Ratio Lower Upper

228 100

226 31.9 24.9 37.3

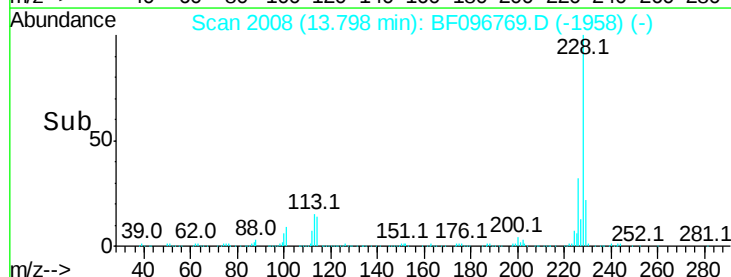
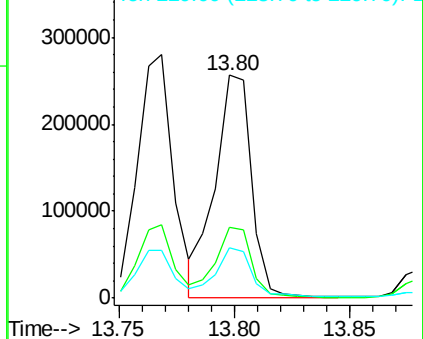
229 22.6 15.8 23.6

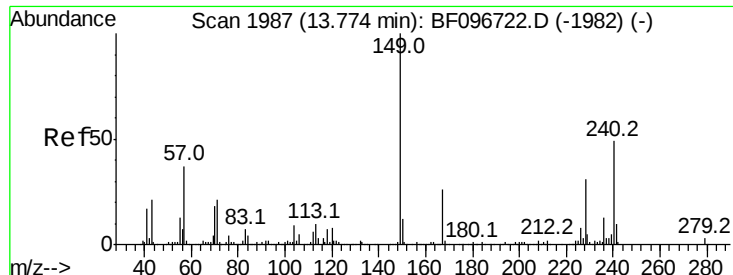


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

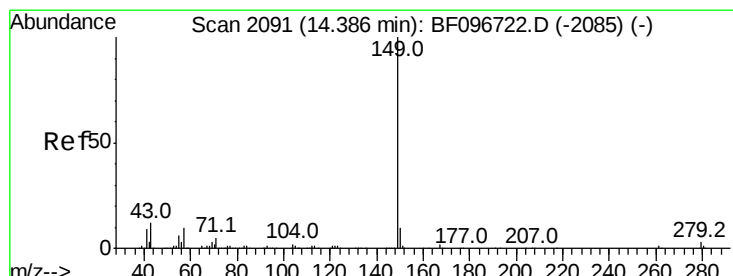
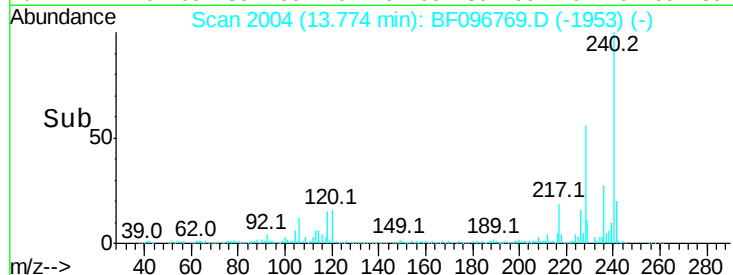
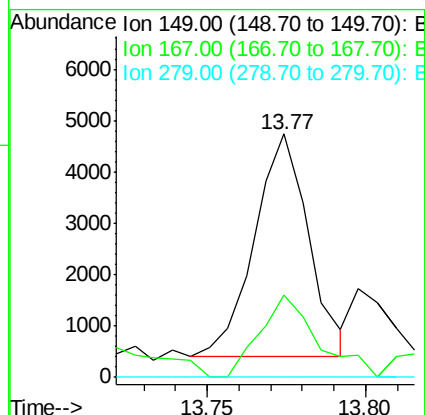
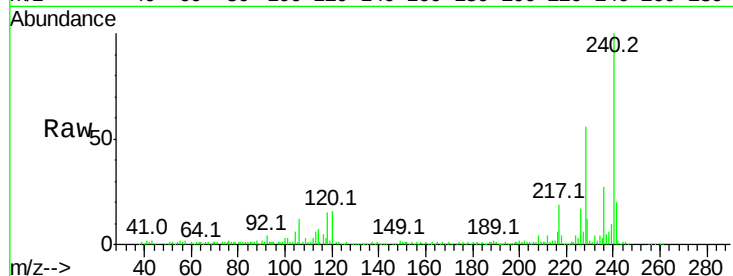




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.565 ng
 RT: 13.77 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

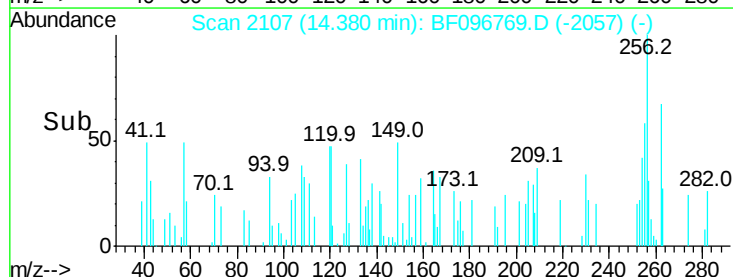
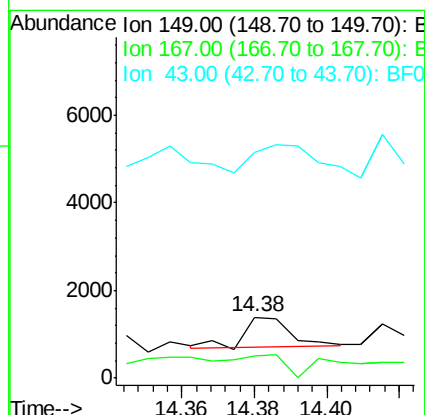
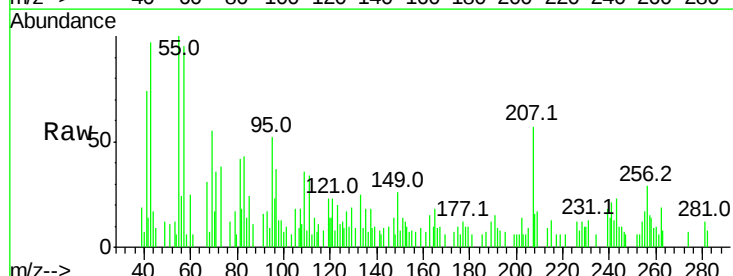
Instrument :
 BNA_F
 ClientSampleId :

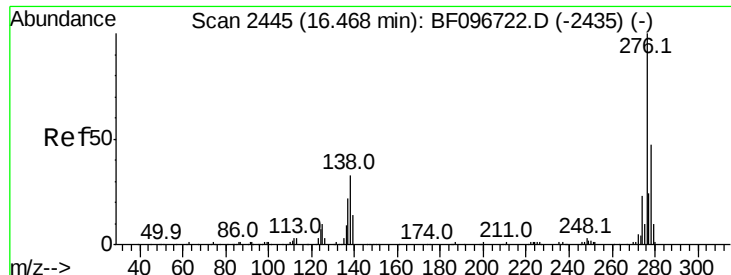
Tot Ion:149 Resp: 5161
 Ion Ratio Lower Upper
 149 100
 167 34.0 21.0 31.4#
 279 0.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 0.041 ng
 RT: 14.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Tgt Ion:149 Resp: 614
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 199.5 8.5 12.7#

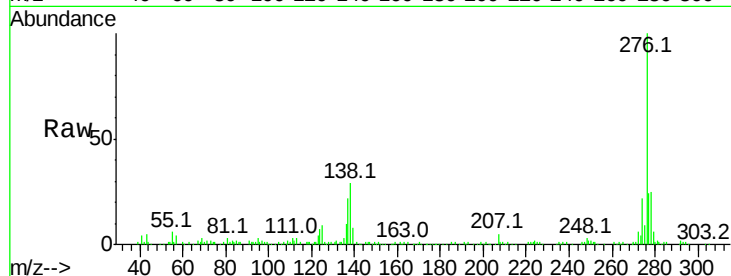




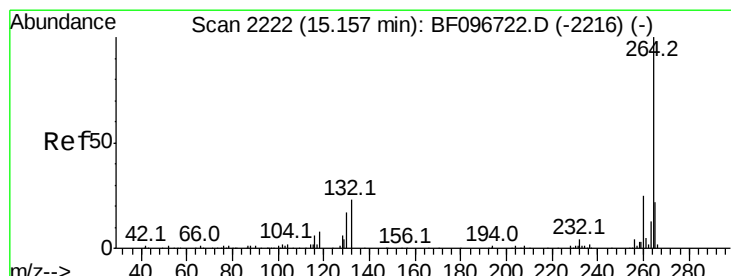
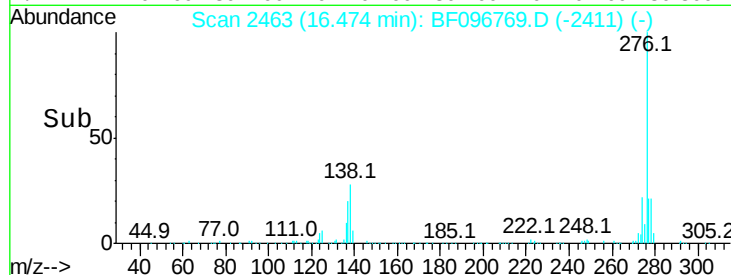
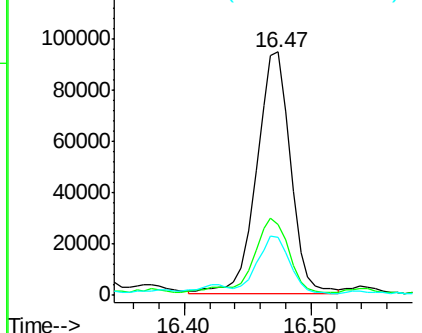
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.116 ng
 RT: 16.47 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	23.1	20.2	30.4

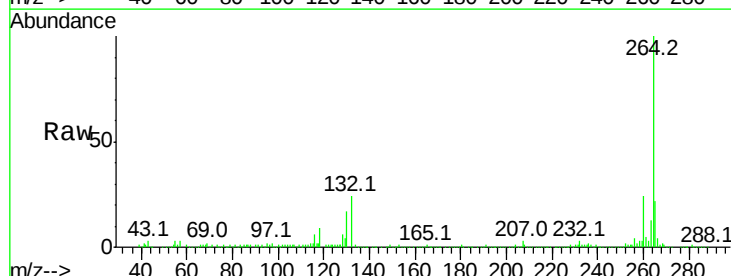


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

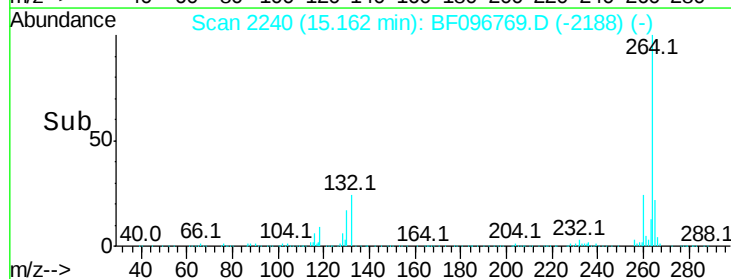
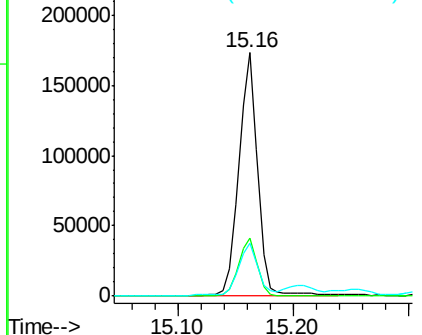


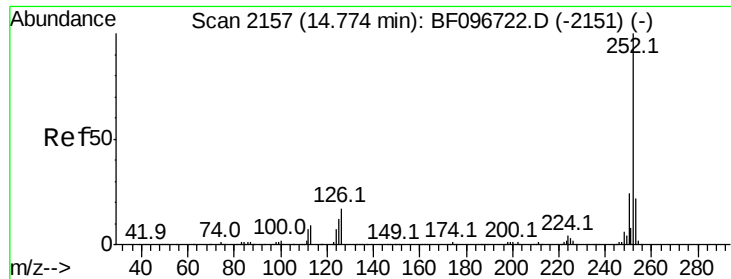
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2240
 Delta R.T. 0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.9	17.2	25.8



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

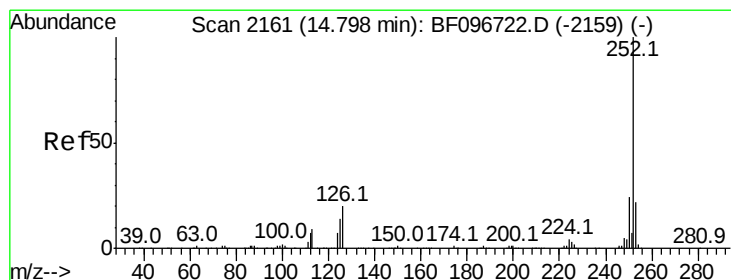
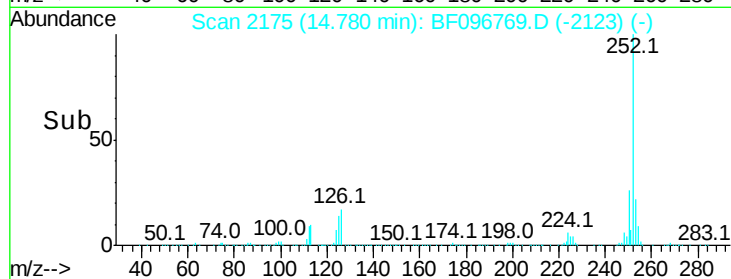
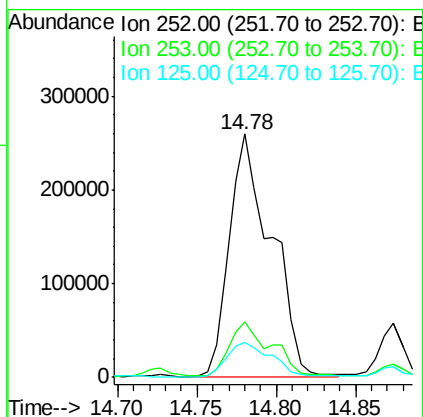
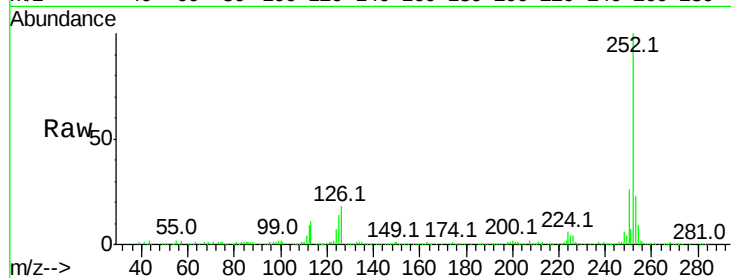




#87
Benzo(b)fluoranthene
Concen: 39.995 ng
RT: 14.78 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

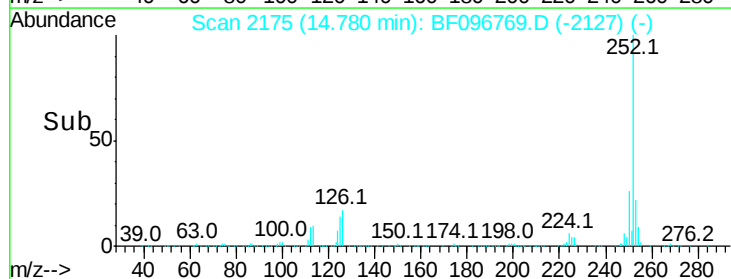
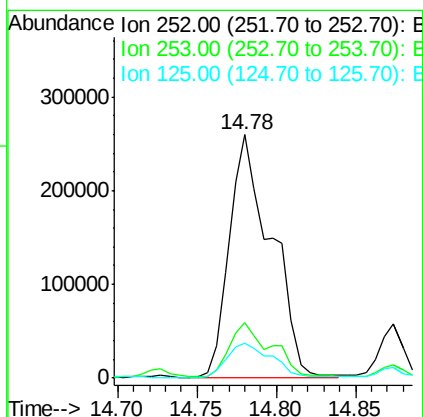
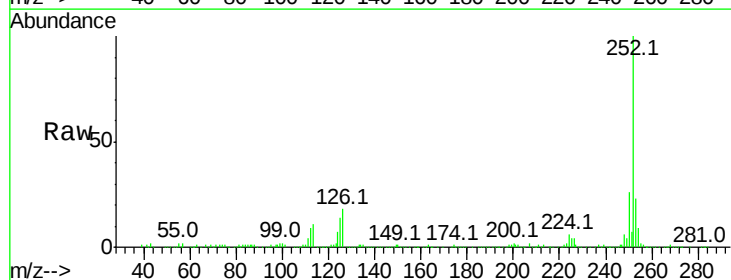
Instrument :
BNA_F
ClientSampleId :

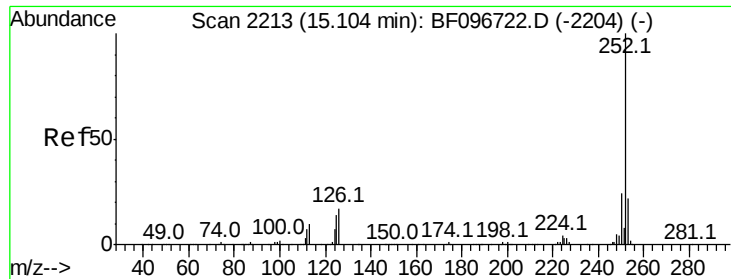
Tot Ion:252 Resp: 474282
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 14.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 42.236 ng
RT: 14.78 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion:252 Resp: 474282
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 14.2 13.1 19.7

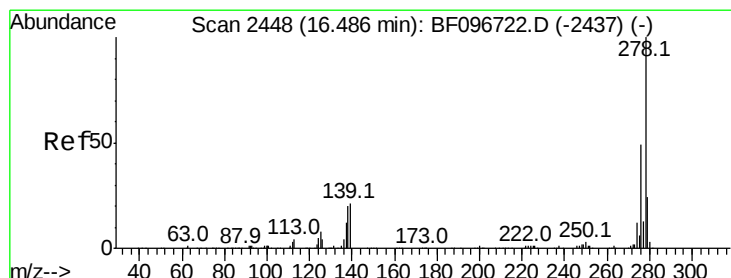
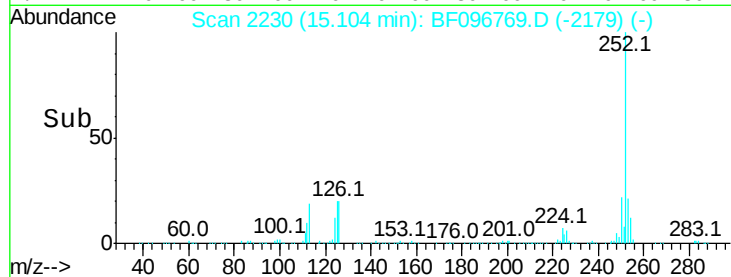
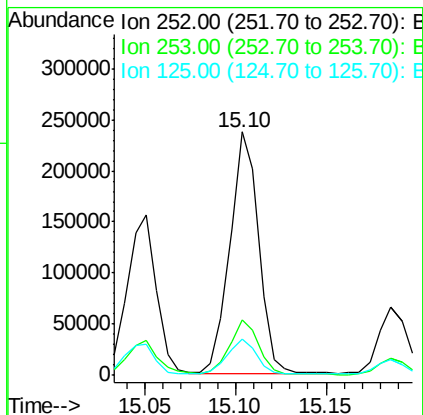
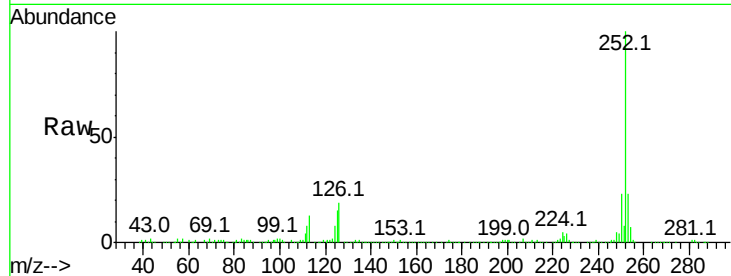




#89
Benzo(a)pyrene
Concen: 24.106 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

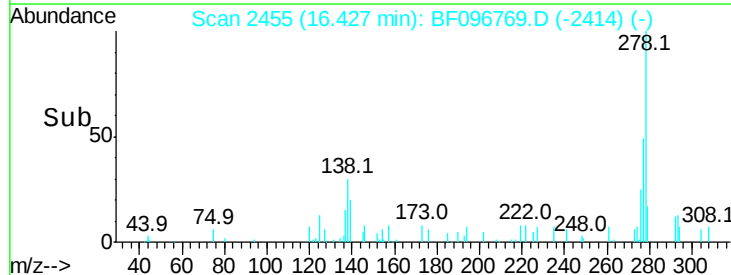
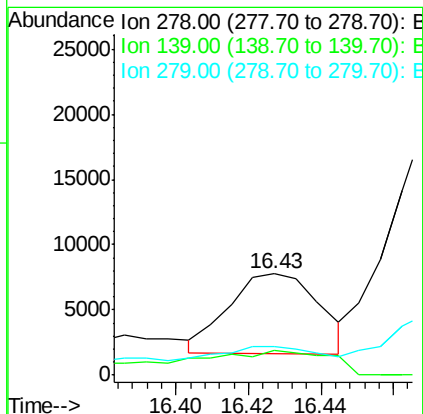
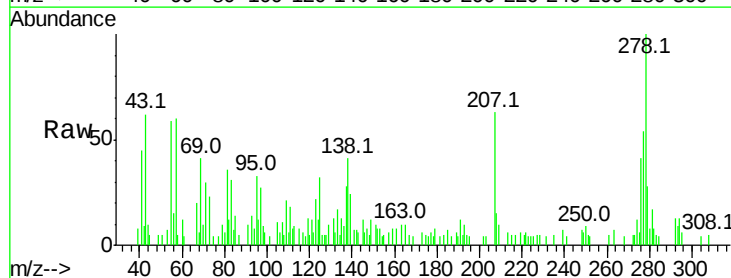
Instrument :
BNA_F
ClientSampleId :

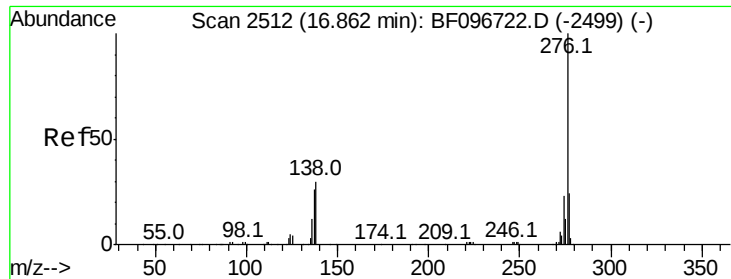
Tot Ion:252 Resp: 262182
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 15.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 1.056 ng
RT: 16.43 min Scan# 2455
Delta R.T. -0.06 min
Lab File: BF096769.D
Acq: 14 Jul 2017 12:13

Tgt Ion:278 Resp: 10565
Ion Ratio Lower Upper
278 100
139 23.9 16.6 24.8
279 28.0 19.3 28.9

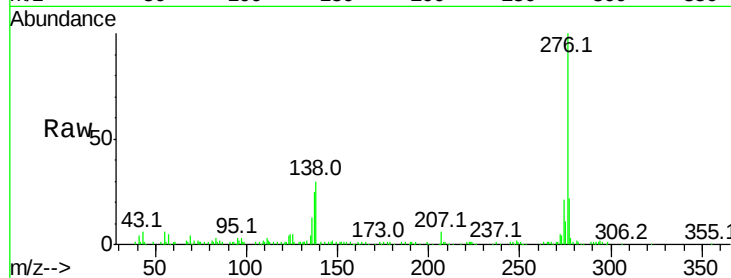




#91
 Benzo(a,h,i)perylene
 Concen: 15.075 ng
 RT: 16.87 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF096769.D
 Acq: 14 Jul 2017 12:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.6	28.0
138	29.8	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

