

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097609.D
 Acq On : 11 Aug 2017 22:57
 Operator : SJ/JU
 Sample : I4697-08 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-4B

Quant Time: Aug 12 00:55:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	84270	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	351282	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	141090	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	202381	20.00	ng	0.00
75) Chrysene-d12	18.47	240	154182	20.00	ng	0.00
86) Perylene-d12	20.13	264	175692	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	2188	0.41	ng	0.17
7) Phenol-d6	7.19	99	7672	1.17	ng	0.13
23) Nitrobenzene-d5	8.47	82	5362	0.96	ng	0.05
41) 2,4,6-Tribromophenol	13.67	330	1213	1.13	ng	0.01
44) 2-Fluorobiphenyl	11.32	172	13166	1.41	ng	0.00
78) Terphenyl-d14	17.12	244	7670	1.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.93	88	317	0.14	ng	# 21
9) Benzaldehyde	6.79	77	173	0.04	ng	# 1
10) Phenol	7.20	94	109	0.02	ng	# 38
15) Benzyl Alcohol	7.61	79	695	0.15	ng	# 18
17) 2-Methylphenol	8.16	107	110	0.02	ng	# 10
18) Hexachloroethane	8.28	117	400	0.17	ng	# 8
19) n-Nitroso-di-n-propylamine	8.47	70	118	0.03	ng	# 35
20) 3+4-Methylphenols	8.16	107	110	0.02	ng	# 5
22) Acetophenone	8.16	105	446	0.05	ng	# 46
24) Nitrobenzene	8.40	77	1114	0.18	ng	# 39
27) 2,4-Dimethylphenol	9.18	122	281	0.05	ng	# 83
31) Naphthalene	9.59	128	2954377	167.91	ng	# 99
32) Benzoic acid	9.43	122	979	0.35	ng	# 1
33) 4-Chloroaniline	9.59	127	408470	56.04	ng	# 34
37) 2-Methylnaphthalene	10.70	142	611101	55.20	ng	# 98
45) 1,1'-Biphenyl	11.46	154	245589	20.29	ng	# 95
46) 2-Chloronaphthalene	11.57	162	4455	0.48	ng	# 50
47) 2-Nitroaniline	11.72	65	3859	1.06	ng	# 20
48) Acenaphthylene	12.13	152	176004	11.91	ng	# 98
49) Dimethylphthalate	12.02	163	2230	0.21	ng	# 76
50) 2,6-Dinitrotoluene	11.92	165	1578	0.70	ng	# 80
51) Acenaphthene	12.43	154	853429	96.38	ng	# 98
52) 3-Nitroaniline	12.42	138	841	0.29	ng	# 1
54) Dibenzofuran	12.71	168	739543	59.66	ng	# 99
55) 4-Nitrophenol	12.71	139	292440	261.18	ng	# 27
56) 2,4-Dinitrotoluene	12.79	165	2144	0.72	ng	# 30
57) Fluorene	13.26	166	705895	69.24	ng	# 99
59) Diethylphthalate	13.25	149	345	0.03	ng	# 1
61) 4-Nitroaniline	13.42	138	562	0.20	ng	# 25
62) Azobenzene	13.53	77	6771	0.66	ng	# 1
65) n-Nitrosodiphenylamine	13.48	169	5649	0.76	ng	# 16
70) Phenanthrene	14.83	178	2591113	222.29	ng	# 100
71) Anthracene	14.90	178	810018	67.92	ng	# 99
72) Carbazole	15.18	167	250494	22.06	ng	# 98

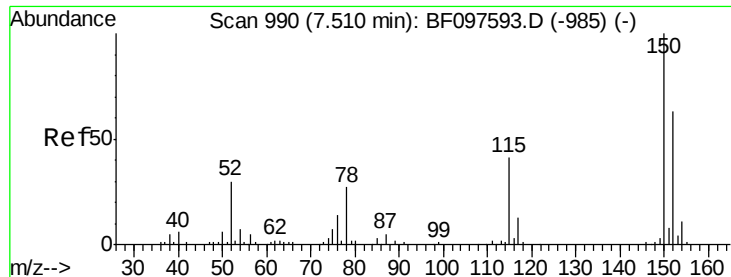
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097609.D
 Acq On : 11 Aug 2017 22:57
 Operator : SJ/JU
 Sample : I4697-08 50X
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Quant Time: Aug 12 00:55:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	15.76	149	867	0.07	nq	# 1
74) Fluoranthene	16.58	202	1723329	163.62	nq	98
76) Benzidine	16.80	184	119	0.02	nq	# 62
77) Pyrene	16.89	202	1434317	112.49	nq	100
79) Butylbenzylphthalate	17.79	149	1471	0.28	nq	# 85
80) Benzo(a)anthracene	18.46	228	666449	74.01	nq	94
81) 3,3'-Dichlorobenzidine	18.44	252	261	0.08	nq	# 1
82) Chrysene	18.50	228	466114	52.04	nq	96
83) Bis(2-ethylhexyl)phthalate	18.53	149	945	0.12	nq	# 52
84) Di-n-octyl phthalate	19.35	149	129	0.01	nq	# 1
85) Indeno(1,2,3-cd)pyrene	21.36	276	338598	48.61	nq	95
87) Benzo(b)fluoranthene	19.73	252	850262	80.59	nq	# 97
88) Benzo(k)fluoranthene	19.73	252	850262	80.02	nq	99
89) Benzo(a)pyrene	20.08	252	580551	59.95	nq	96
90) Dibenzo(a,h)anthracene	21.36	278	63386	9.14	nq	# 76
91) Benzo(g,h,i)perylene	21.71	276	326693	42.95	nq	97

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

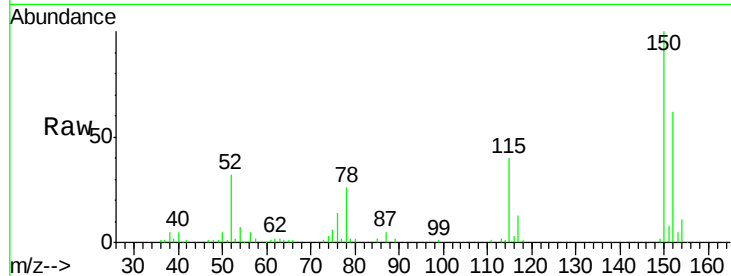


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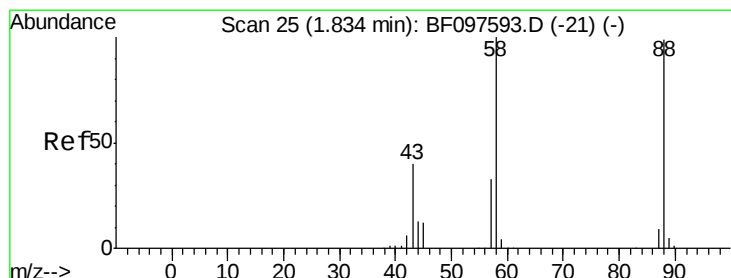
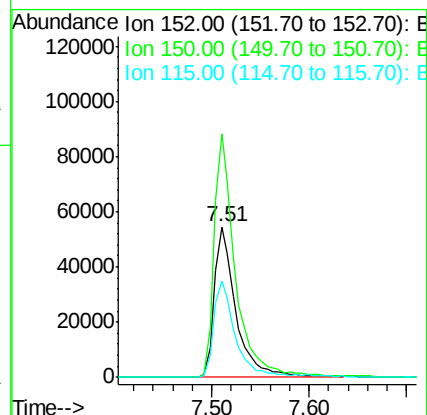
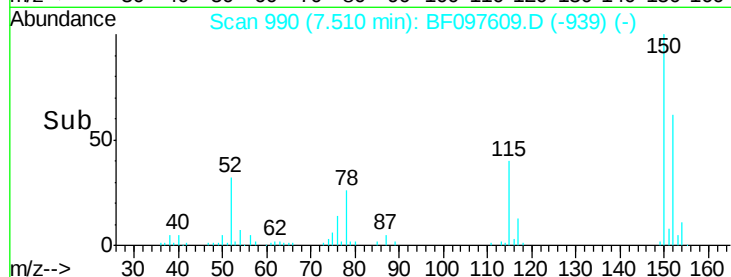
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

Tot Ion:152 Resp: 84270
Ion Ratio Lower Upper
152 100
150 162.1 126.2 189.2
115 64.4 52.2 78.2



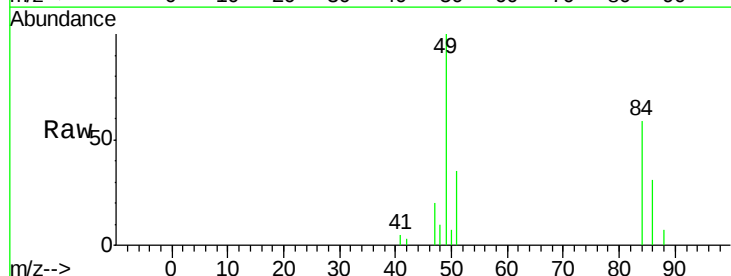
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



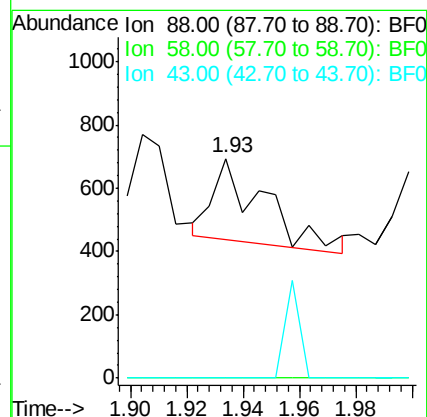
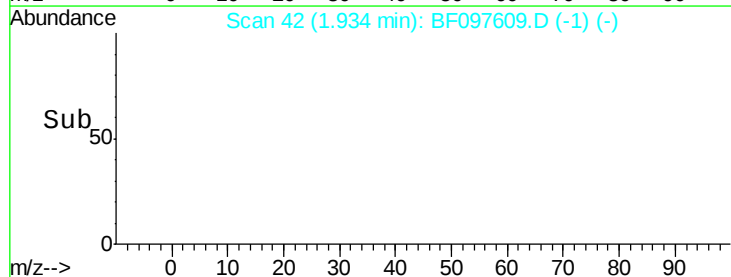
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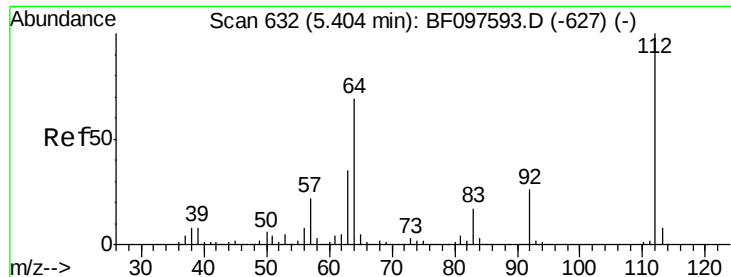
1,4-Dioxane
Concen: 0.14 ng
RT: 1.93 min Scan# 42
Delta R.T. 0.10 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion: 88 Resp: 317
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





#5

2-Fluorophenol

Concen: 0.41 ng

RT: 5.57 min Scan# 661

Delta R.T. 0.17 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

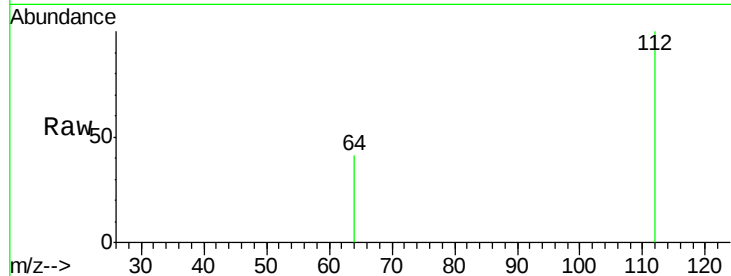
Tot Ion: 112 Resp: 2188

Ion Ratio Lower Upper

112 100

64 40.8 46.0 69.0#

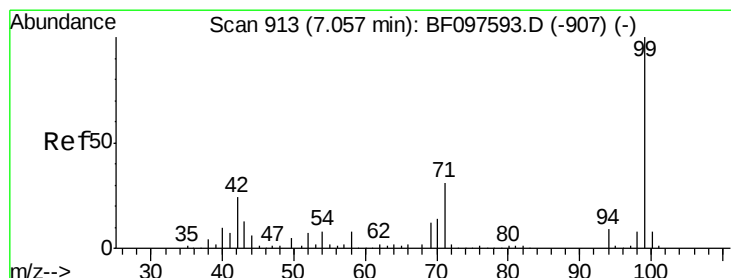
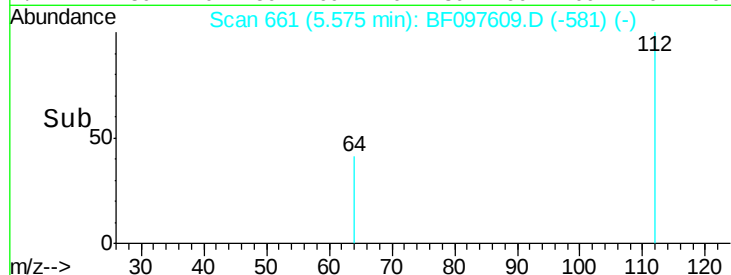
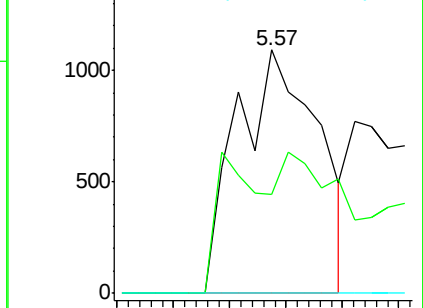
63 0.0 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 1.17 ng

RT: 7.19 min Scan# 935

Delta R.T. 0.13 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

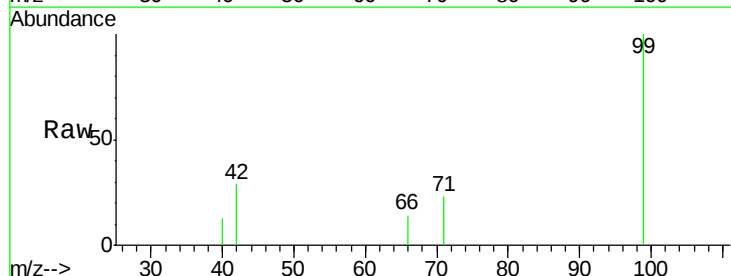
Tgt Ion: 99 Resp: 7672

Ion Ratio Lower Upper

99 100

42 28.7 13.5 20.3#

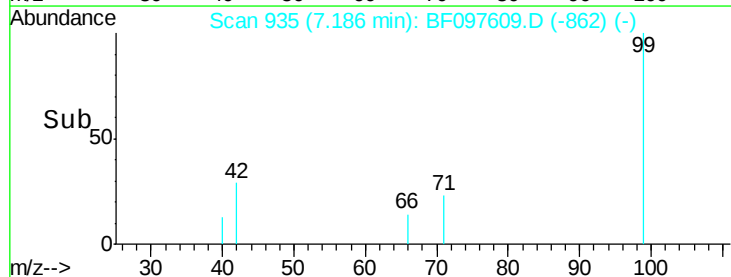
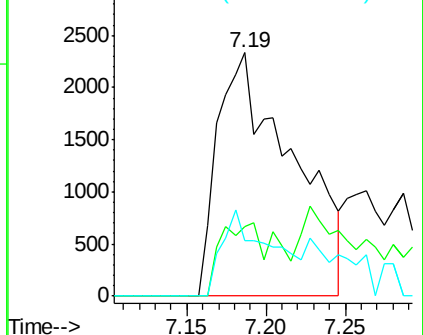
71 22.5 24.5 36.7#

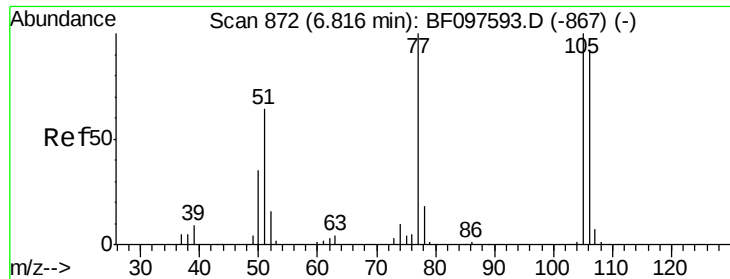


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

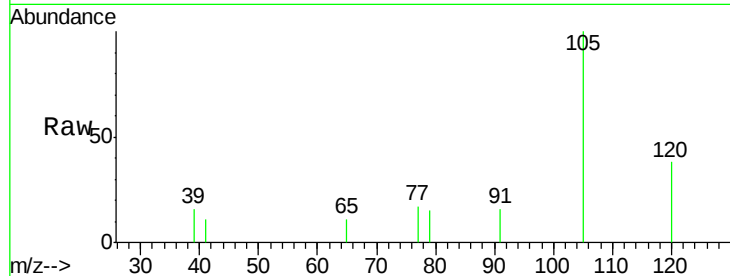




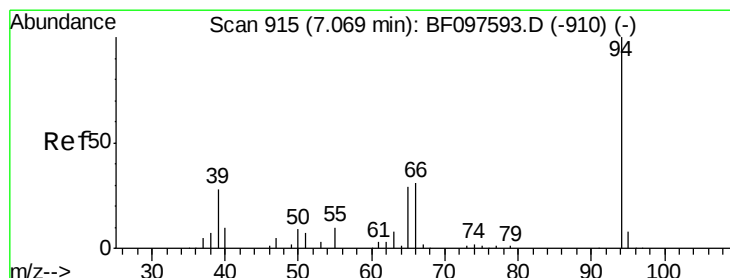
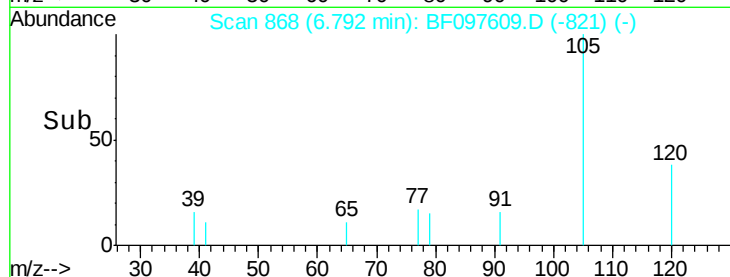
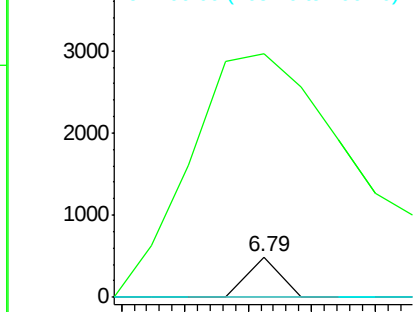
#9
Benzaldehyde
Concen: 0.04 ng
RT: 6.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

Tot Ion: 77 Resp: 173
Ion Ratio Lower Upper
77 100
105 604.5 83.8 123.8#
106 0.0 79.1 119.1#

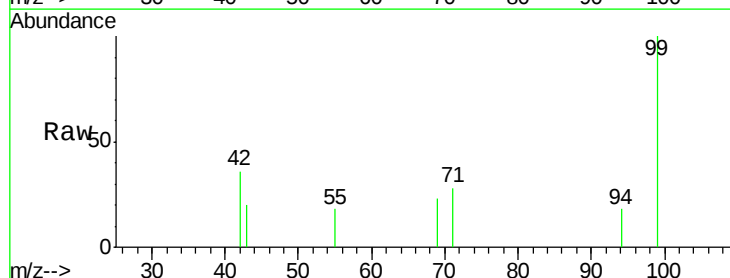


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

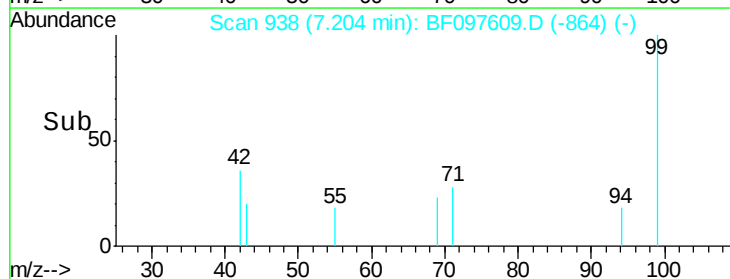
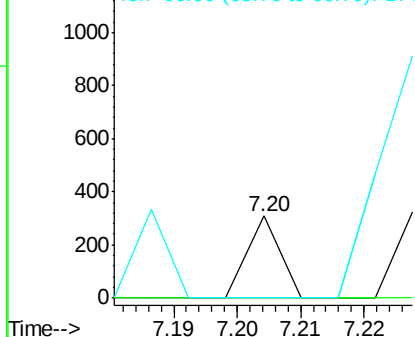


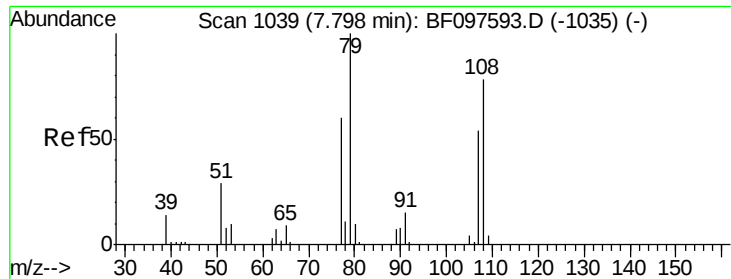
#10
Phenol
Concen: 0.02 ng
RT: 7.20 min Scan# 938
Delta R.T. 0.14 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
65 0.0 9.9 49.9#
66 0.0 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





#15

Benzyl Alcohol

Concen: 0.15 ng

RT: 7.61 min Scan# 1007

Delta R.T. -0.19 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

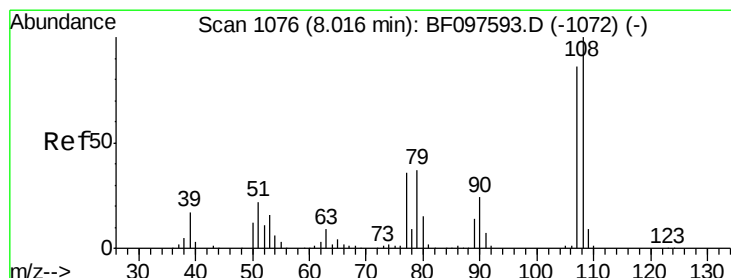
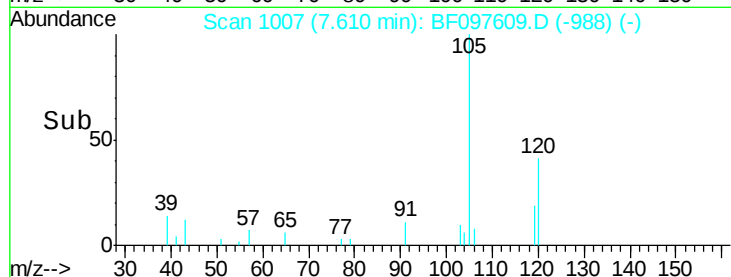
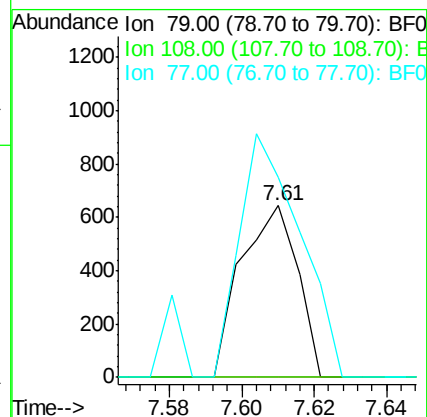
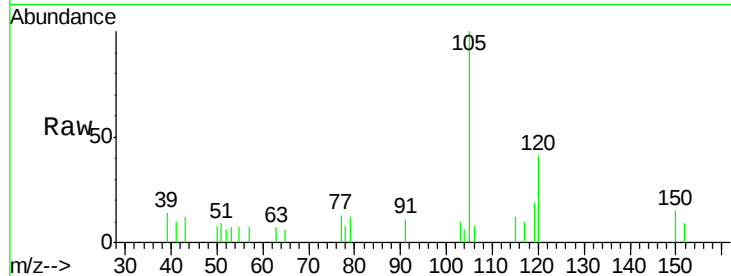
Tot Ion: 79 Resp: 695

Ion Ratio Lower Upper

79 100

108 0.0 63.4 95.0#

77 116.3 49.2 73.8#



#17

2-Methylphenol

Concen: 0.02 ng

RT: 8.16 min Scan# 1101

Delta R.T. 0.15 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Tgt Ion: 107 Resp: 110

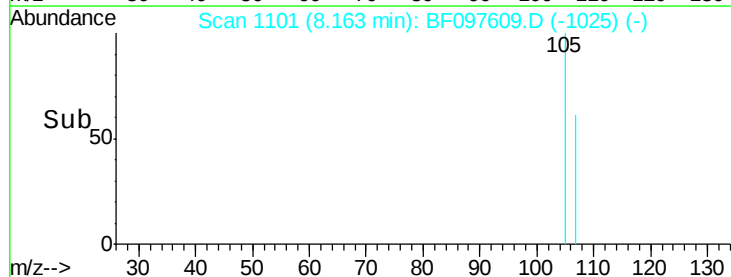
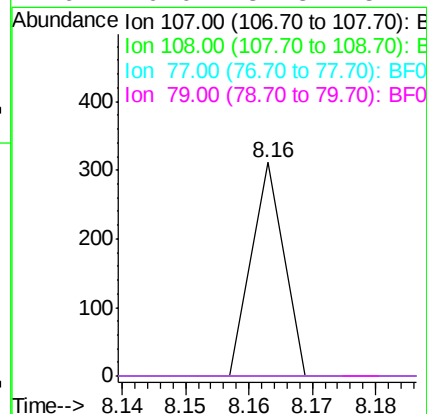
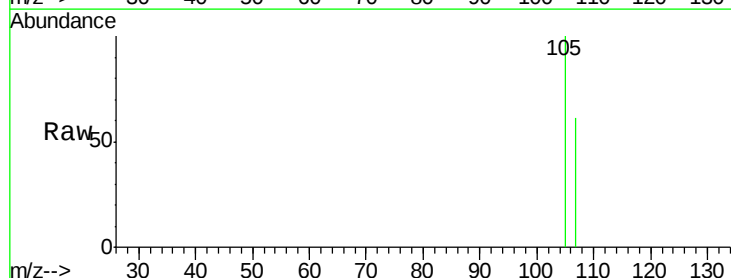
Ion Ratio Lower Upper

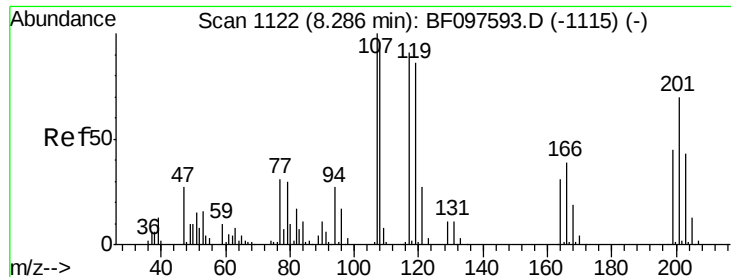
107 100

108 0.0 93.4 140.0#

77 0.0 35.8 53.6#

79 0.0 34.8 52.2#





#18

Hexachloroethane

Concen: 0.17 ng

RT: 8.28 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

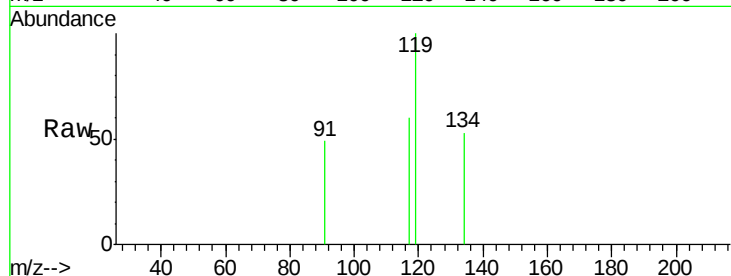
Tot Ion: 117 Resp: 400

Ion Ratio Lower Upper

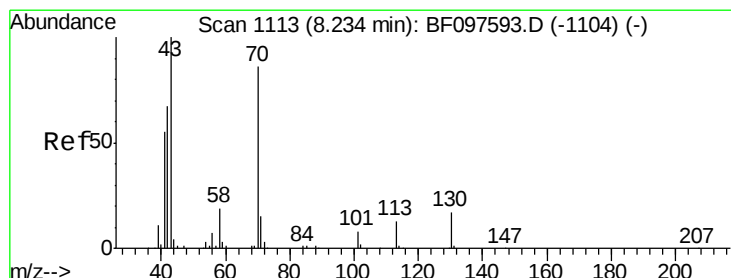
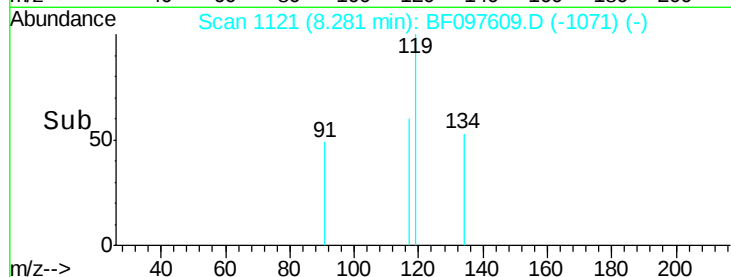
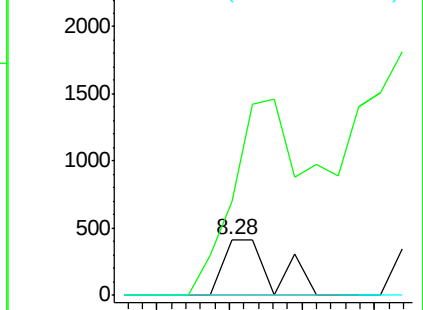
117 100

119 168.0 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: 0.03 ng

RT: 8.47 min Scan# 1153

Delta R.T. 0.24 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Tgt Ion: 70 Resp: 118

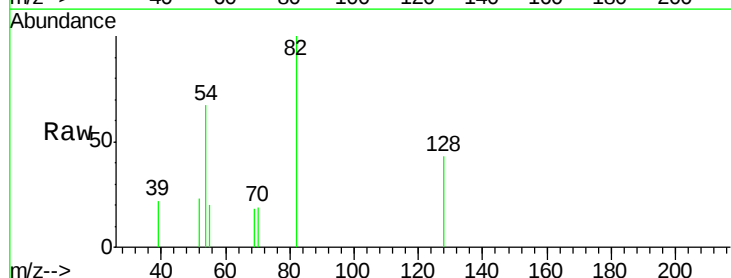
Ion Ratio Lower Upper

70 100

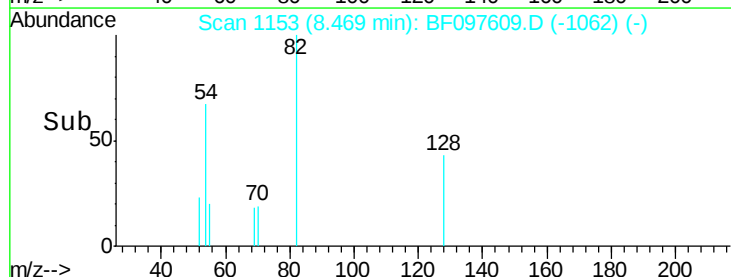
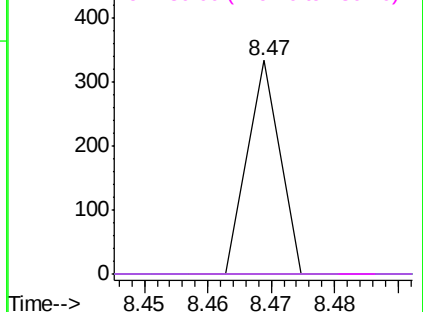
42 0.0 47.2 70.8#

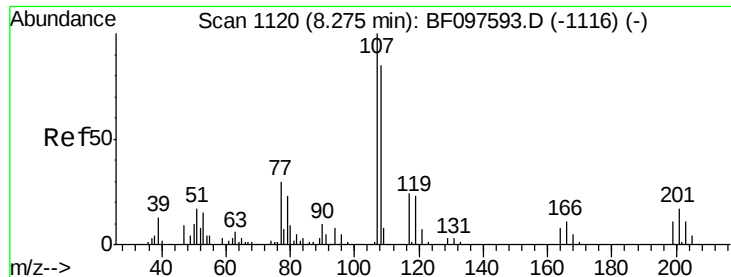
101 0.0 7.2 10.8#

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





#20

3+4-Methylphenols

Concen: 0.02 ng

RT: 8.16 min Scan# 1101

Delta R.T. -0.11 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

Tot Ion:107 Resp: 110

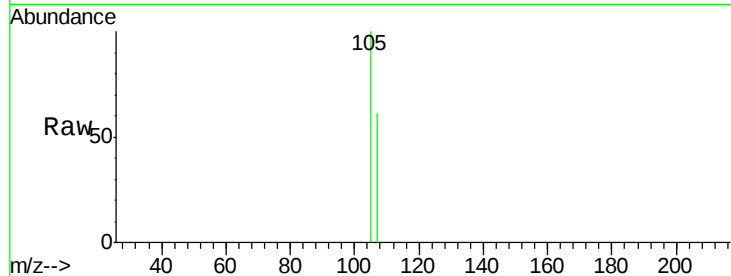
Ion Ratio Lower Upper

107 100

108 0.0 71.0 111.0#

77 0.0 90.5 130.5#

79 0.0 8.4 48.4#

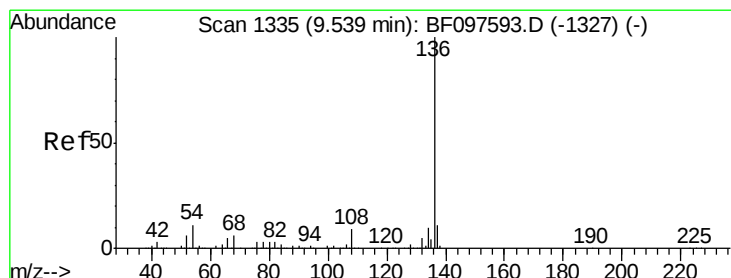
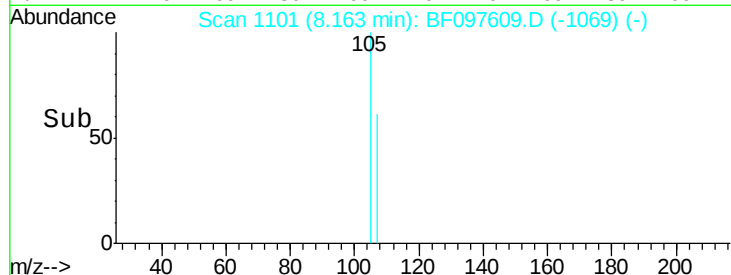
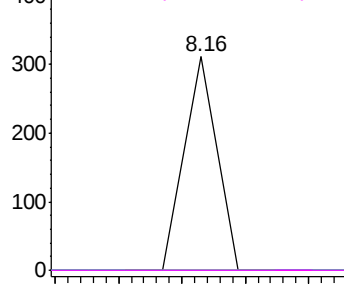


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Tgt Ion:136 Resp: 351282

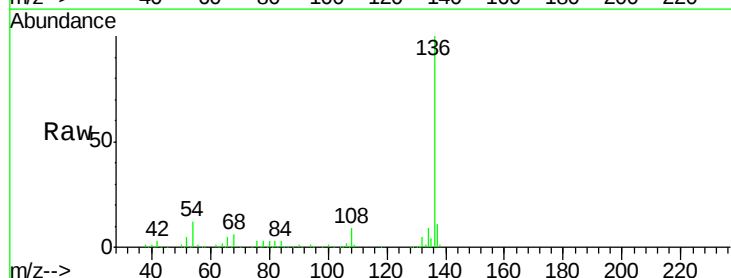
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.7 4.9 7.3#

68 6.1 4.1 6.1

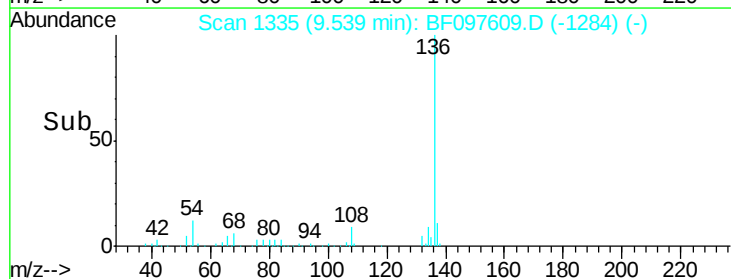
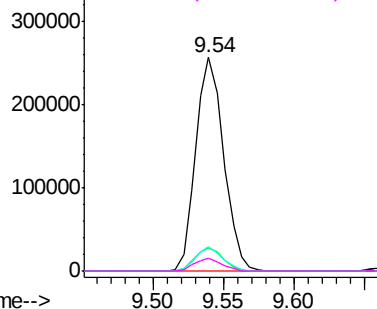


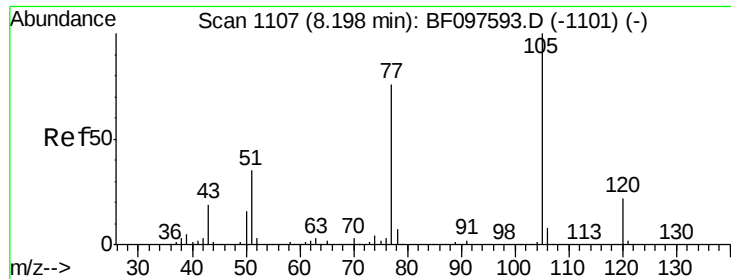
Abundance Ion 136.00 (135.70 to 136.70): E

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

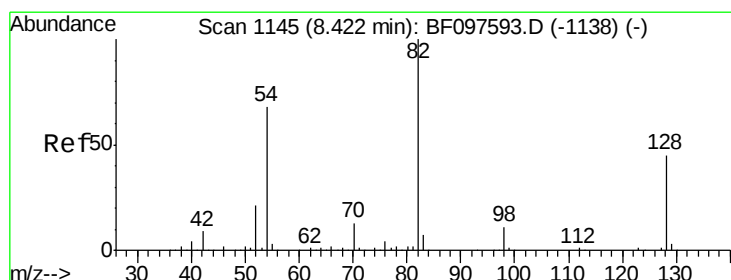
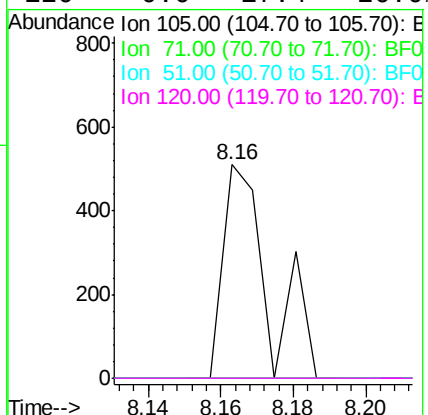
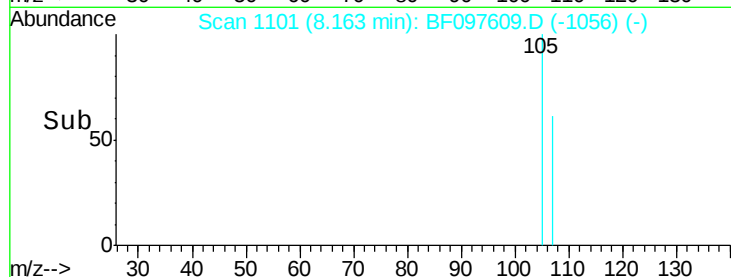
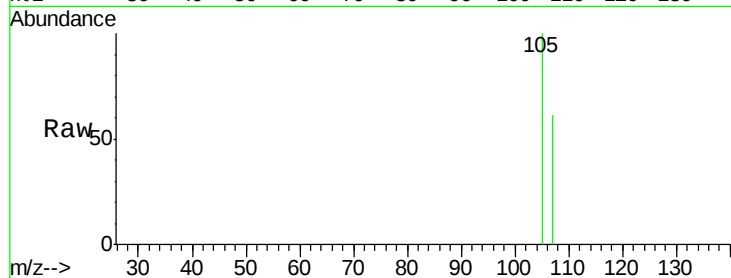




#22
Acetophenone
Concen: 0.05 ng
RT: 8.16 min Scan# 1101
Delta R.T. -0.04 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

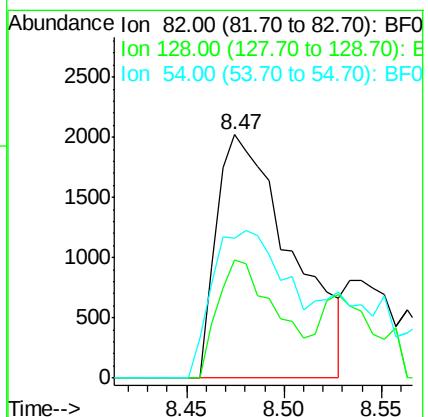
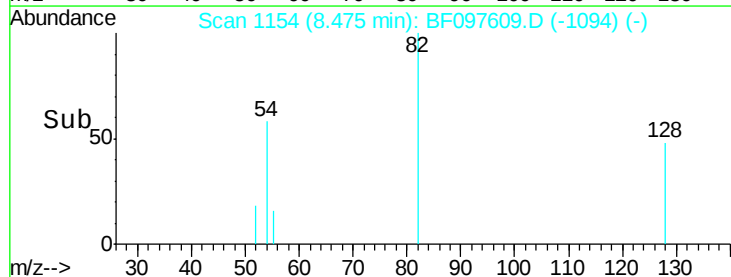
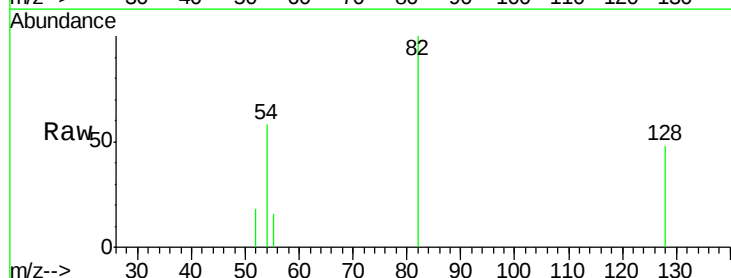
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

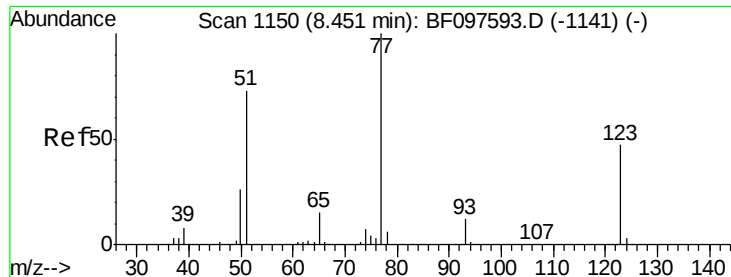
Tot Ion: 105 Resp: 446
Ion Ratio Lower Upper
105 100
71 0.0 2.8 4.2#
51 0.0 30.7 46.1#
120 0.0 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 0.96 ng
RT: 8.47 min Scan# 1154
Delta R.T. 0.05 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion: 82 Resp: 5362
Ion Ratio Lower Upper
82 100
128 48.4 34.0 51.0
54 57.7 42.2 63.2

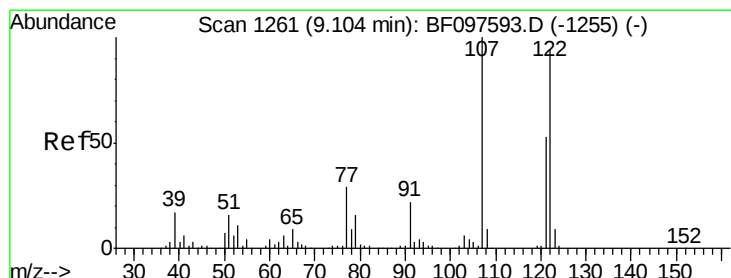
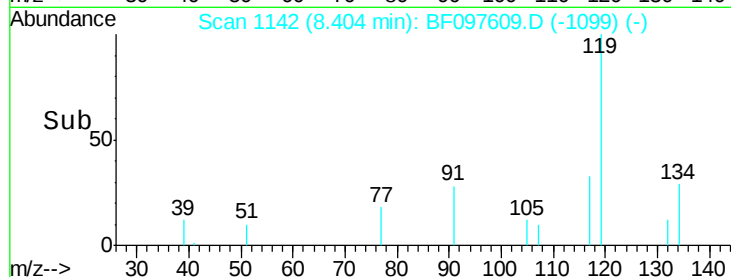
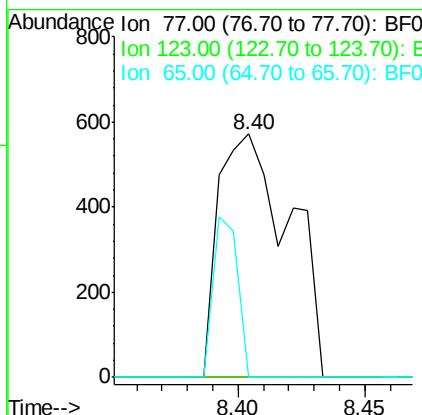
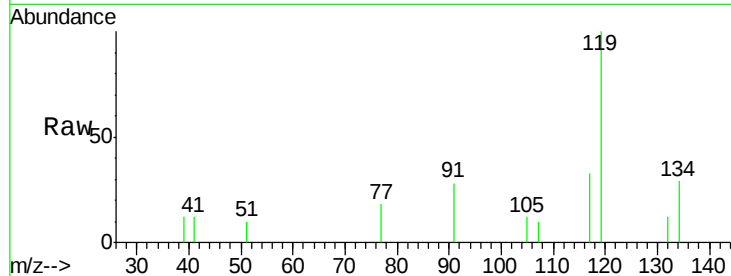




#24
 Nitrobenzene
 Concen: 0.18 ng
 RT: 8.40 min Scan# 1142
 Delta R.T. -0.05 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

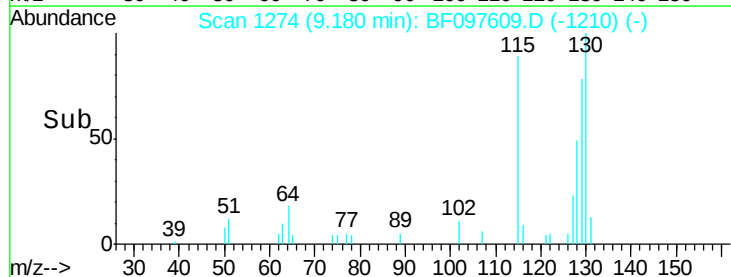
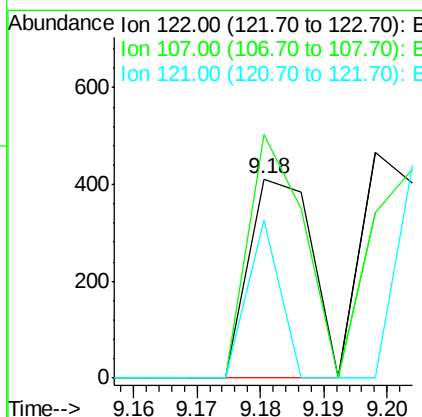
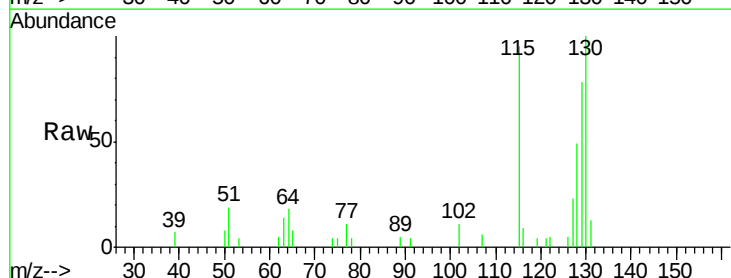
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-4B

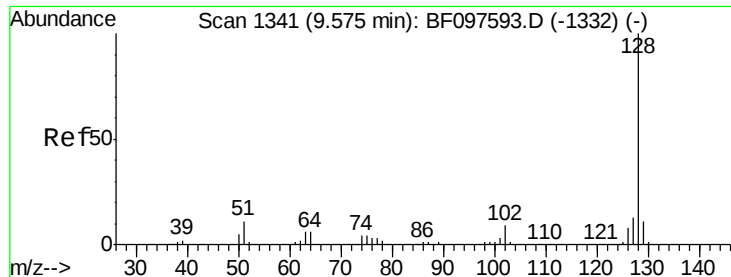
Tot Ion: 77 Resp: 1114
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.8 53.8#
 65 0.0 10.6 15.8#



#27
 2,4-Dimethylphenol
 Concen: 0.05 ng
 RT: 9.18 min Scan# 1274
 Delta R.T. 0.08 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

Tgt Ion: 122 Resp: 281
 Ion Ratio Lower Upper
 122 100
 107 122.4 89.2 133.8
 121 79.6 45.2 67.8#





#31

Naphthalene

Concen: 167.91 ng

RT: 9.59 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

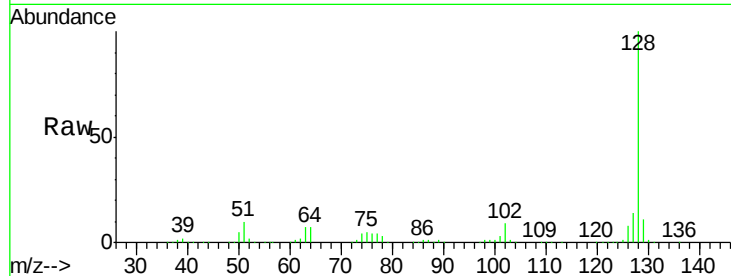
Tot Ion:128 Resp: 2954377

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

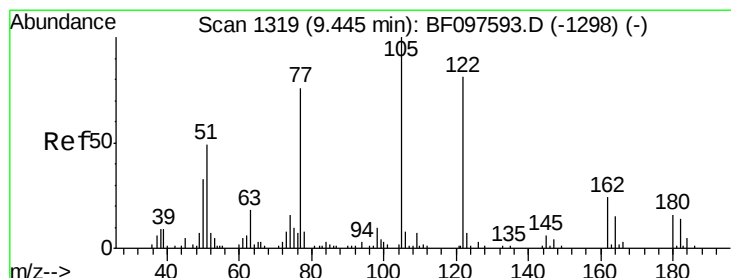
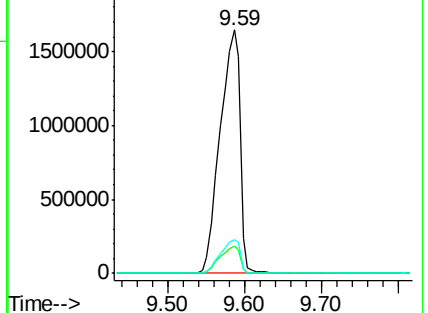
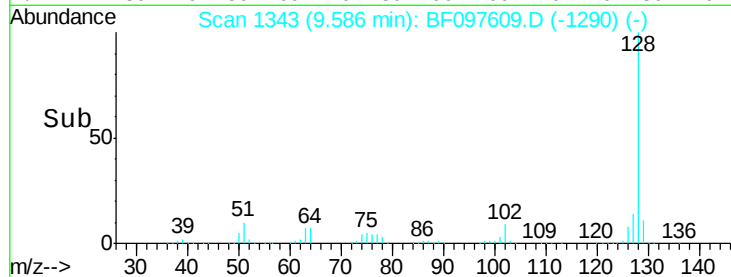
127 14.1 10.8 16.2



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



#32

Benzoic acid

Concen: 0.35 ng

RT: 9.43 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

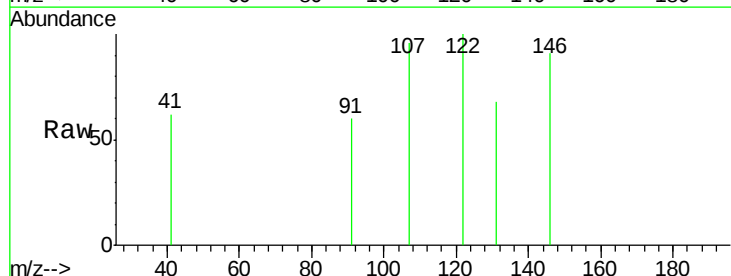
Tgt Ion:122 Resp: 979

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

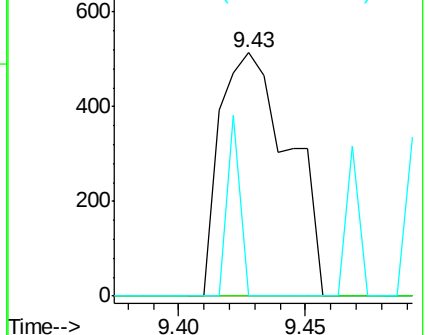
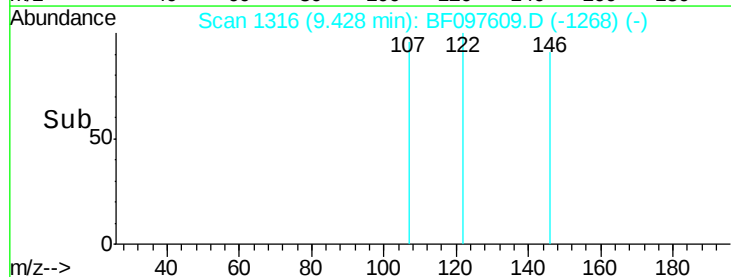
77 0.0 73.7 113.7#

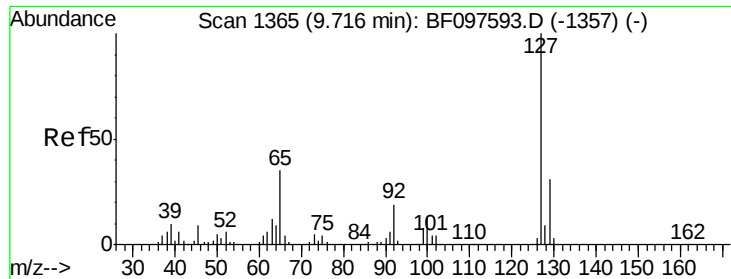


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

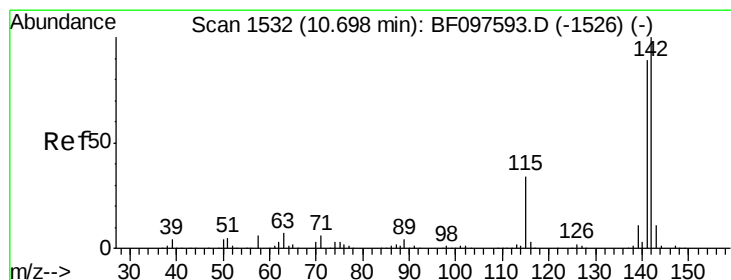
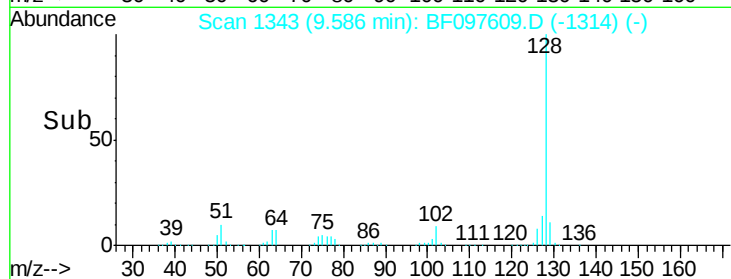
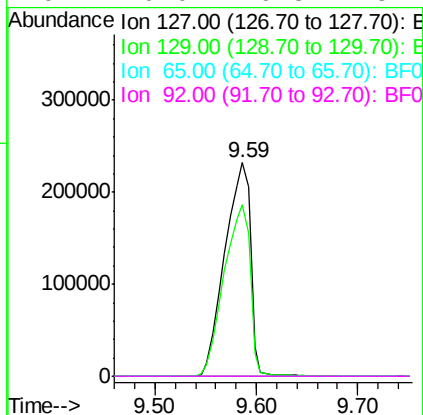
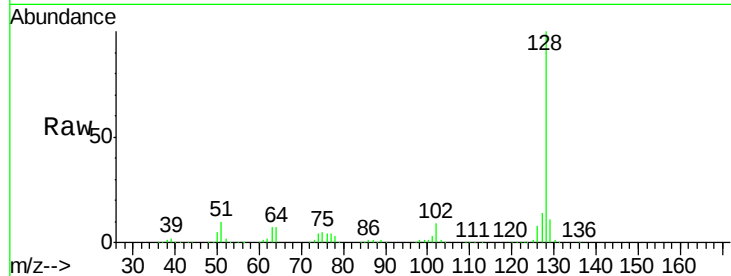




#33
 4-Chloroaniline
 Concen: 56.04 ng
 RT: 9.59 min Scan# 1343
 Delta R.T. -0.13 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

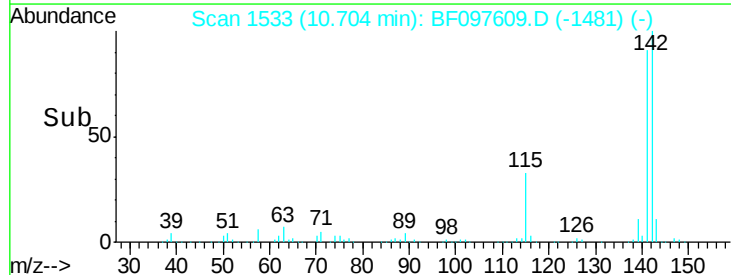
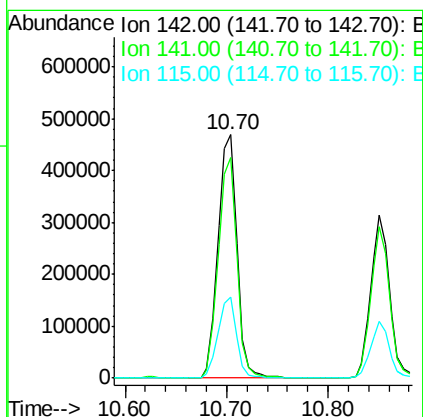
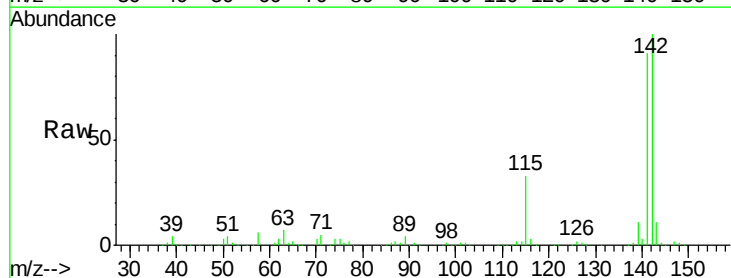
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-4B

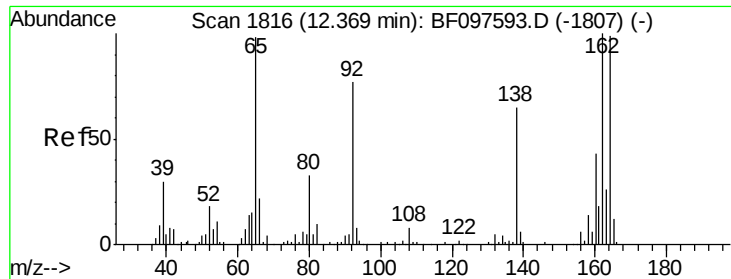
Tot Ion:	127	Resp:	408470
Ion	Ratio	Lower	Upper
127	100		
129	80.5	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
 2-Methylnaphthalene
 Concen: 55.20 ng
 RT: 10.70 min Scan# 1533
 Delta R.T. 0.01 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

Tgt Ion:	142	Resp:	611101
Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	33.2	27.1	40.7

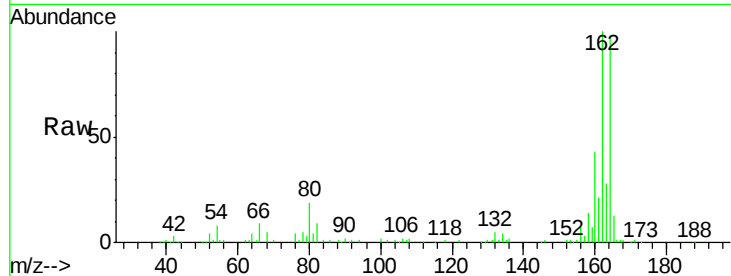




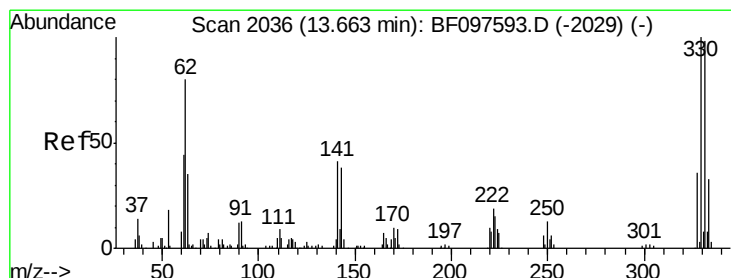
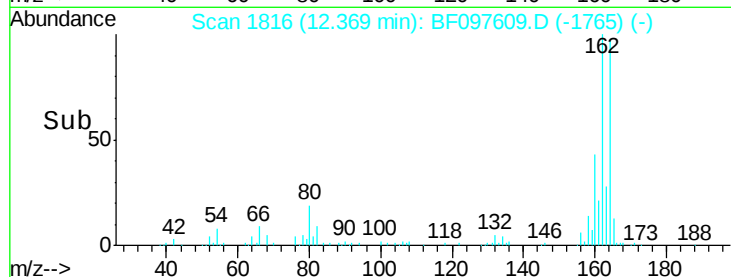
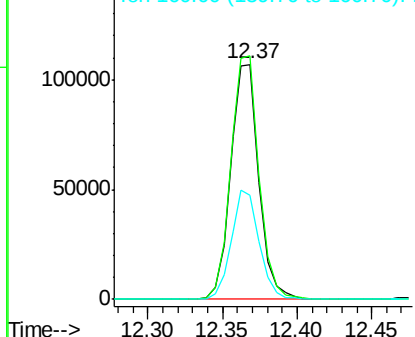
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	44.5	36.2	54.2

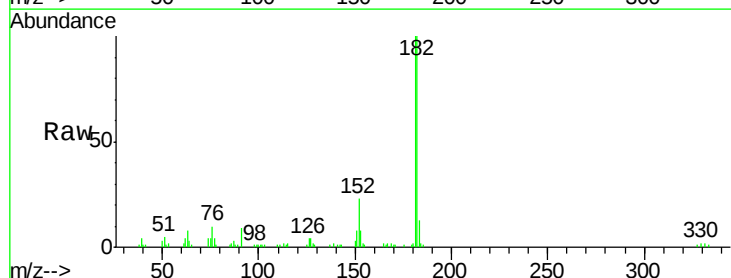


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

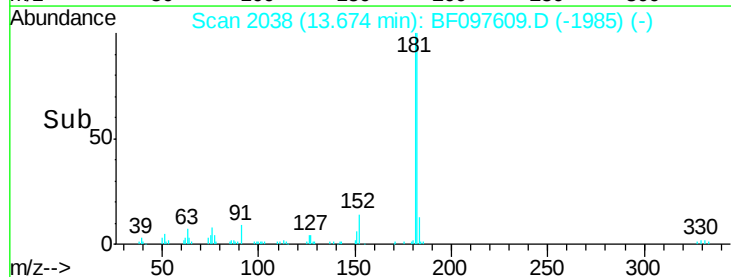
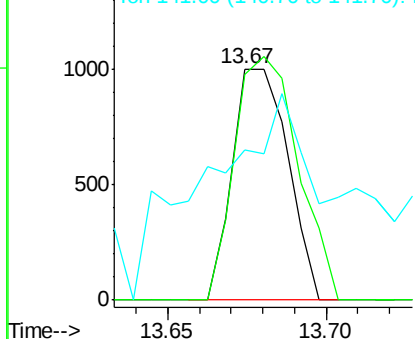


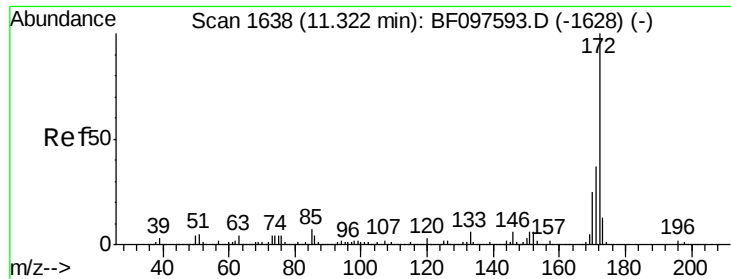
#41
2,4,6-Tribromophenol
Concen: 1.13 ng
RT: 13.67 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	121.0	76.6	115.0#
141	224.3	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

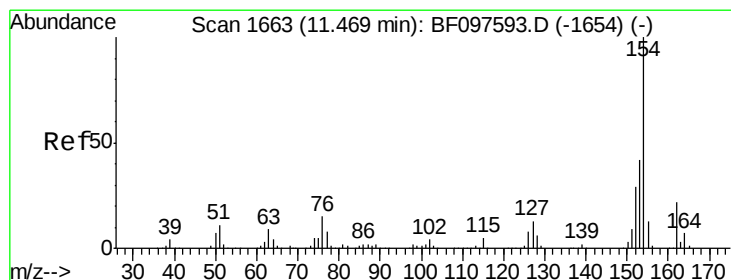
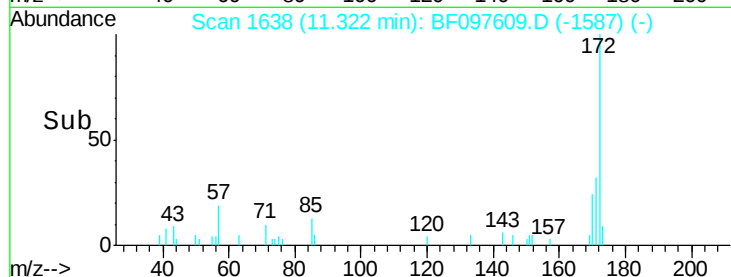
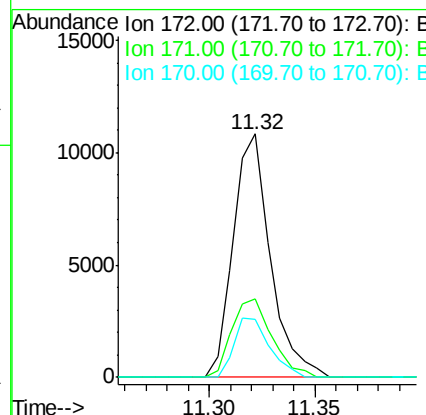
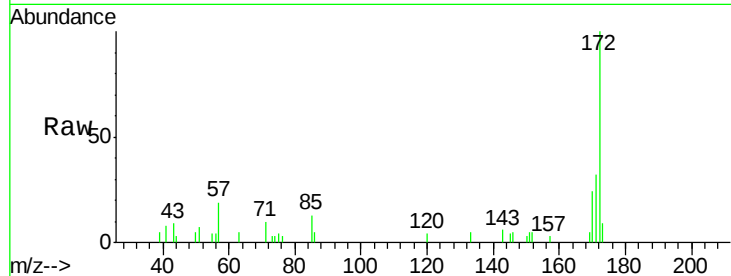




#44
2-Fluorobiphenyl
Concen: 1.41 ng
RT: 11.32 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

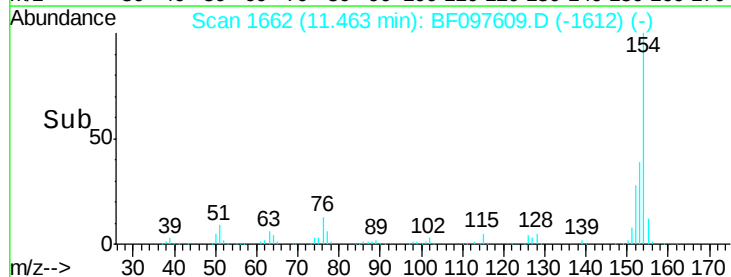
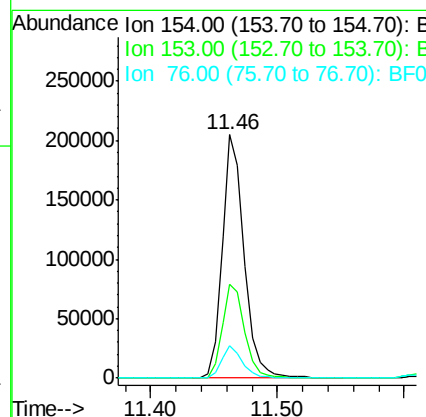
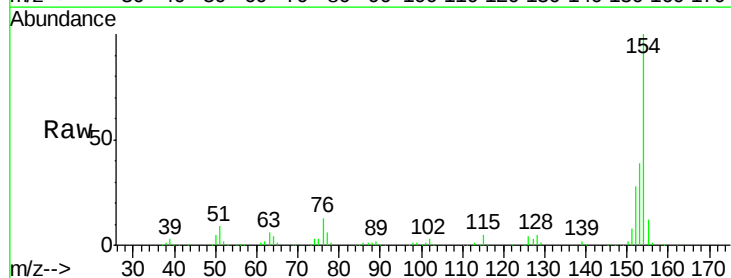
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

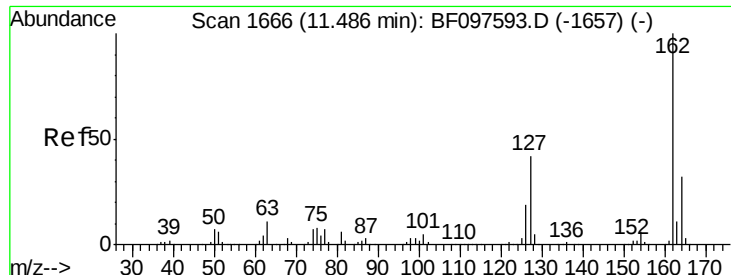
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.2	29.6	44.4
170	23.7	19.8	29.8



#45
1,1'-Biphenyl
Concen: 20.29 ng
RT: 11.46 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.8	21.2	61.2
76	13.2	0.0	29.9

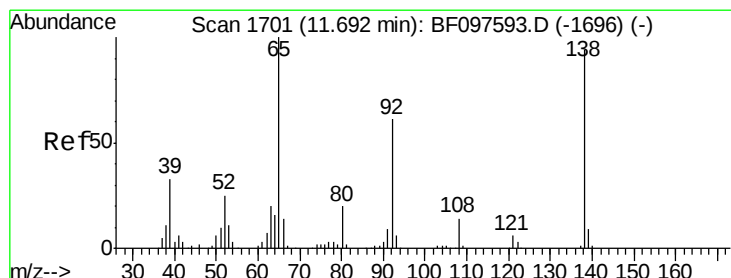
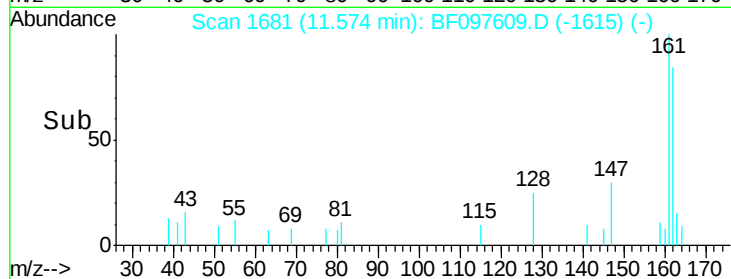
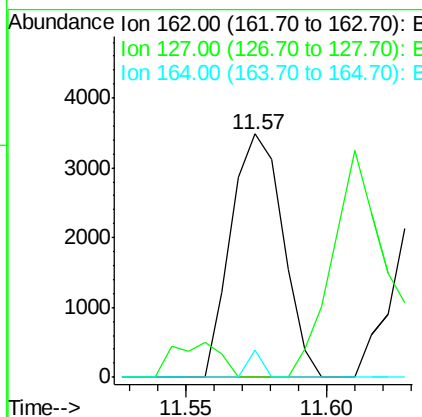
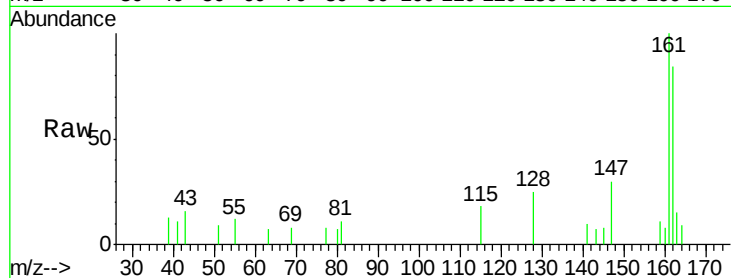




#46
 2-Chloronaphthalene
 Concen: 0.48 ng
 RT: 11.57 min Scan# 1681
 Delta R.T. 0.09 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

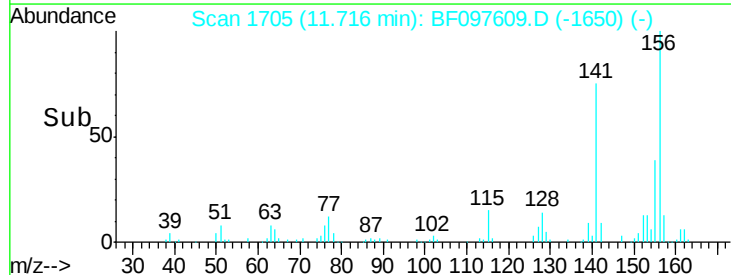
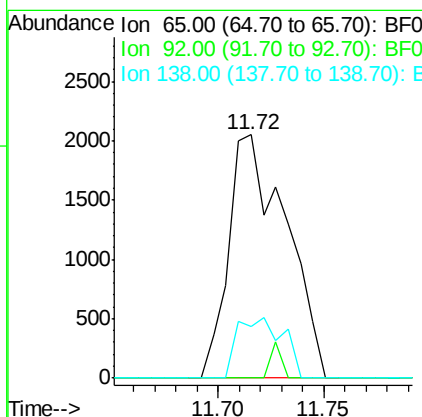
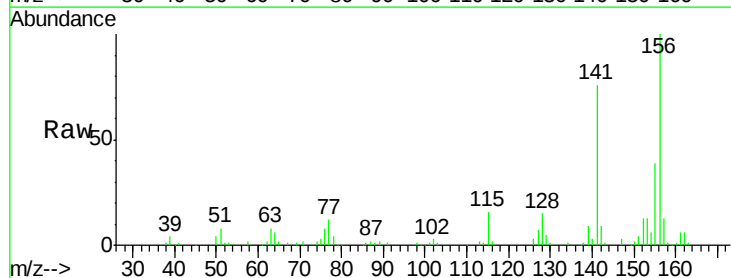
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-4B

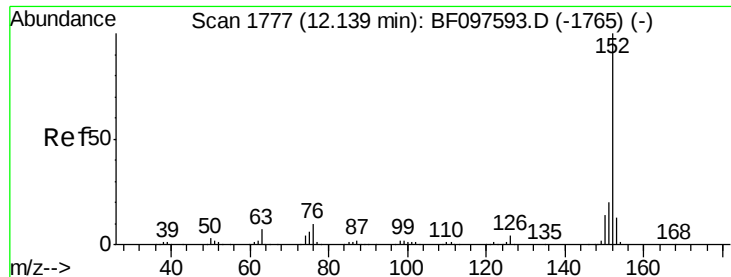
Tot Ion:162 Resp: 4455
 Ion Ratio Lower Upper
 162 100
 127 0.0 28.3 42.5#
 164 11.2 27.0 40.4#



#47
 2-Nitroaniline
 Concen: 1.06 ng
 RT: 11.72 min Scan# 1705
 Delta R.T. 0.02 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

Tgt Ion: 65 Resp: 3859
 Ion Ratio Lower Upper
 65 100
 92 0.0 53.9 80.9#
 138 21.2 78.8 118.2#





#48

Acenaphthylene

Concen: 11.91 ng

RT: 12.13 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

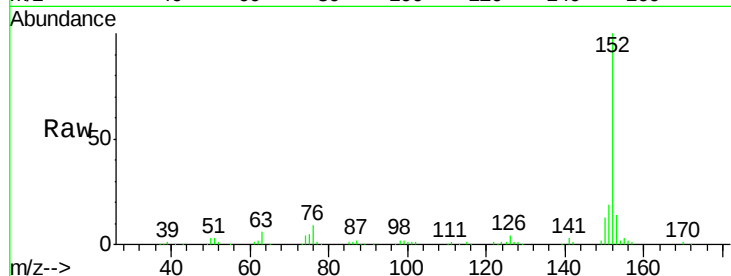
Tot Ion:152 Resp: 176004

Ion Ratio Lower Upper

152 100

151 19.4 16.8 25.2

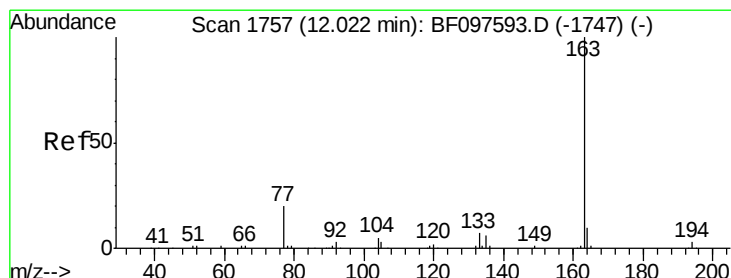
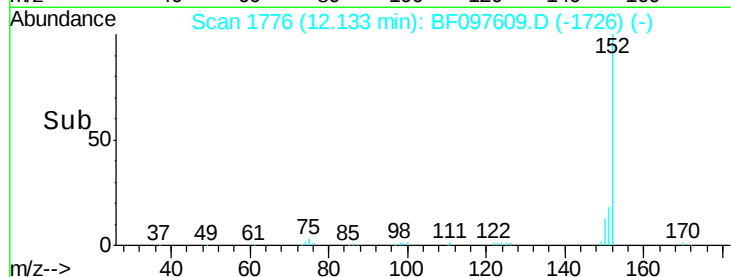
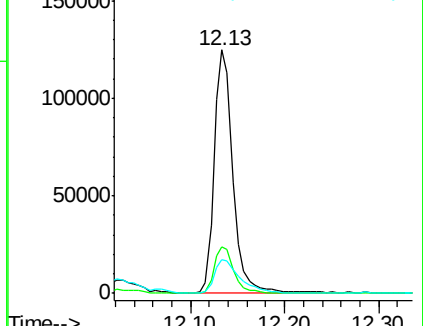
153 13.7 10.8 16.2



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: 0.21 ng

RT: 12.02 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

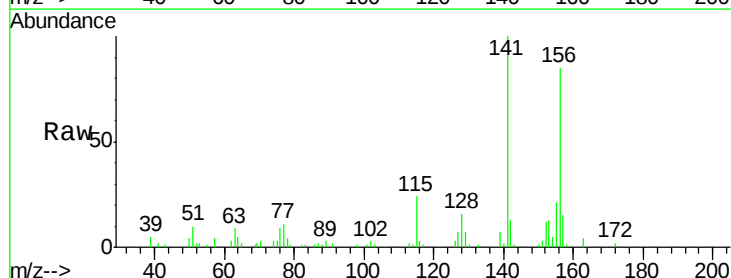
Tgt Ion:163 Resp: 2230

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

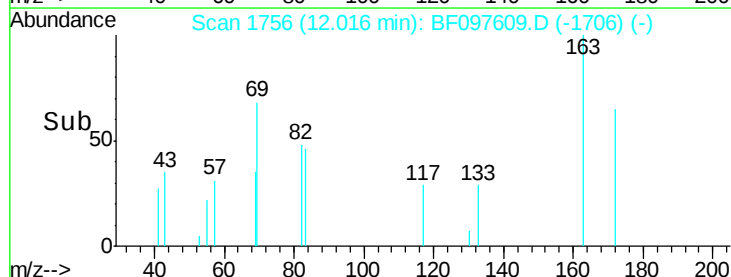
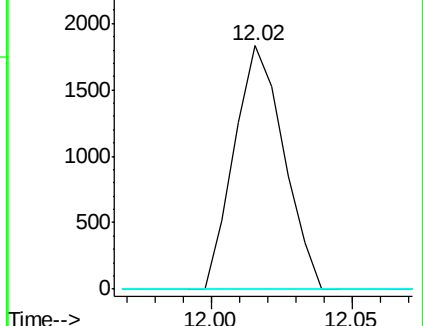
164 0.0 8.4 12.6#

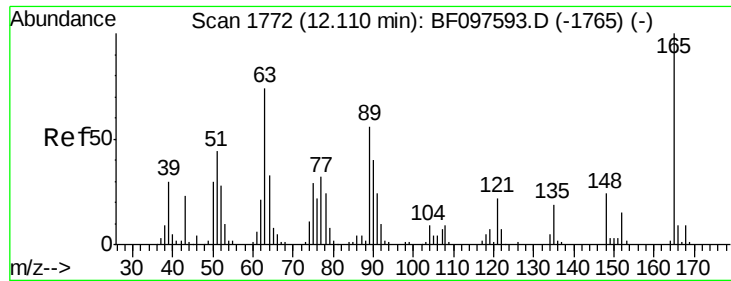


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

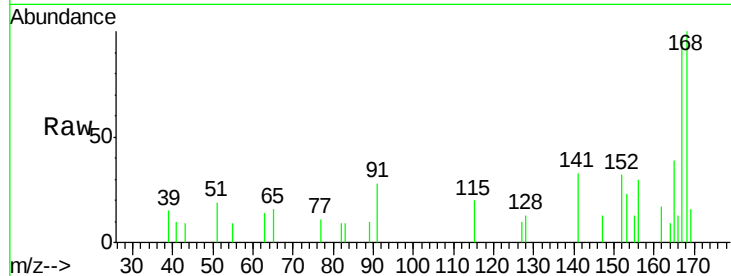




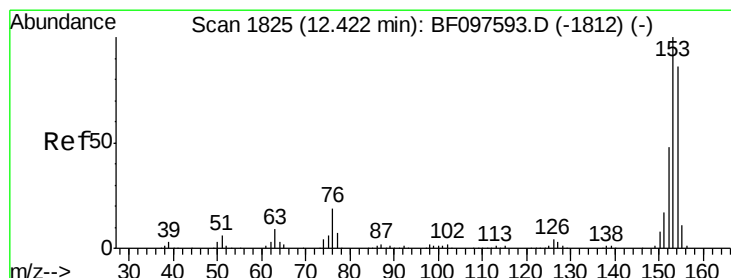
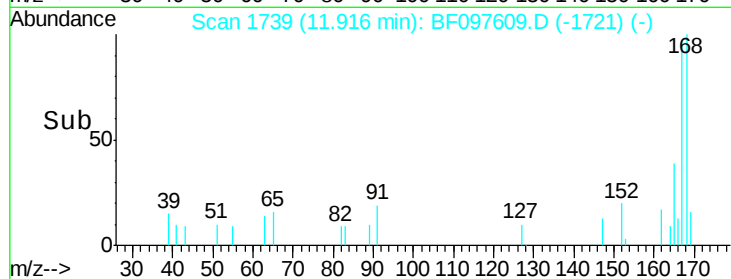
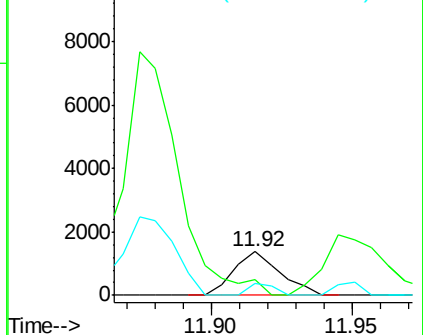
#50
2,6-Dinitrotoluene
Concen: 0.70 ng
RT: 11.92 min Scan# 1739
Delta R.T. -0.19 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

Tot Ion:165 Resp: 1578
Ion Ratio Lower Upper
165 100
63 36.9 34.3 51.5
89 27.0 37.1 55.7#

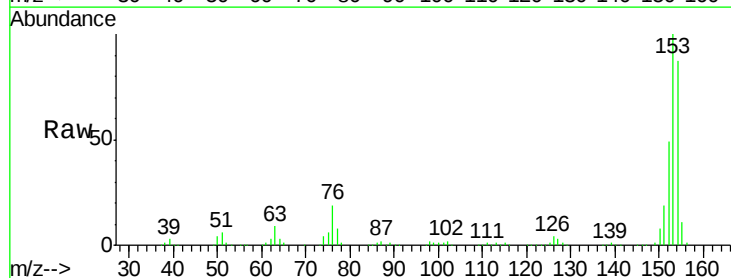


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

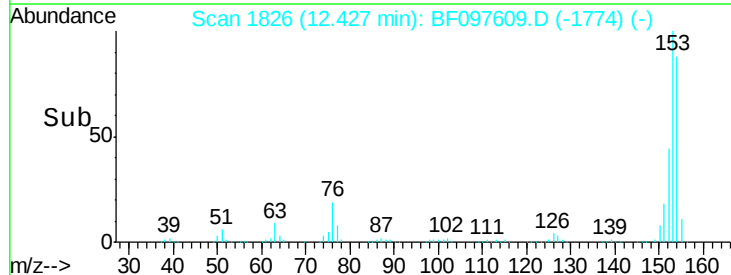
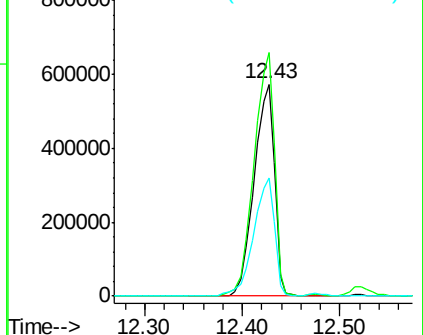


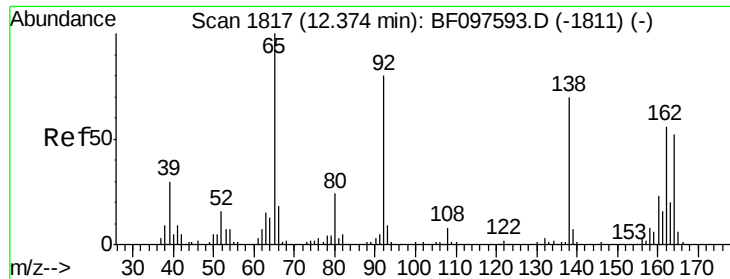
#51
Acenaphthene
Concen: 96.38 ng
RT: 12.43 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion:154 Resp: 853429
Ion Ratio Lower Upper
154 100
153 115.0 90.5 135.7
152 56.0 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





#52

3-Nitroaniline

Concen: 0.29 ng

RT: 12.42 min Scan# 1825

Delta R.T. 0.05 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

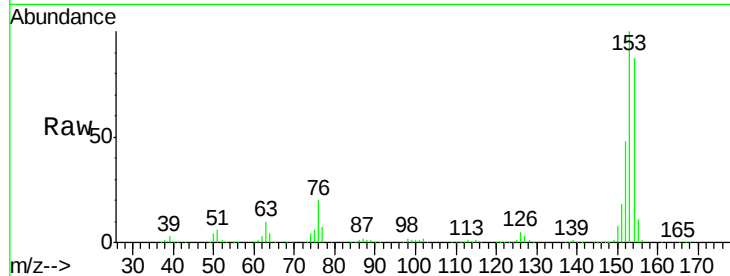
Tot Ion:138 Resp: 841

Ion Ratio Lower Upper

138 100

108 0.0 9.1 13.7#

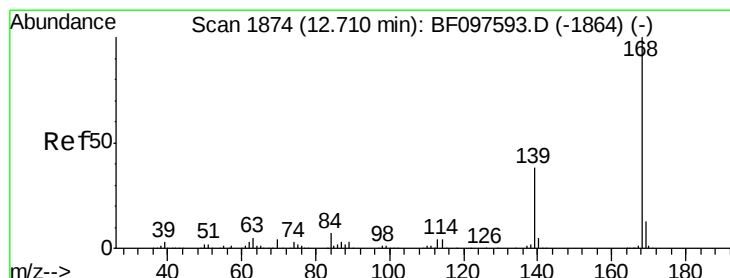
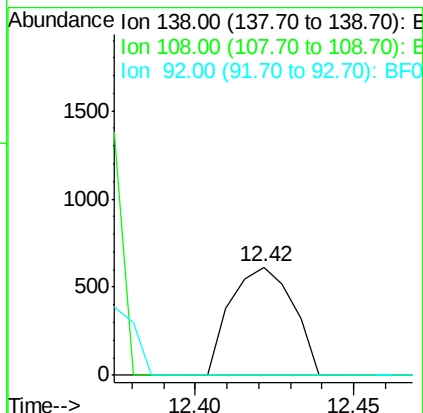
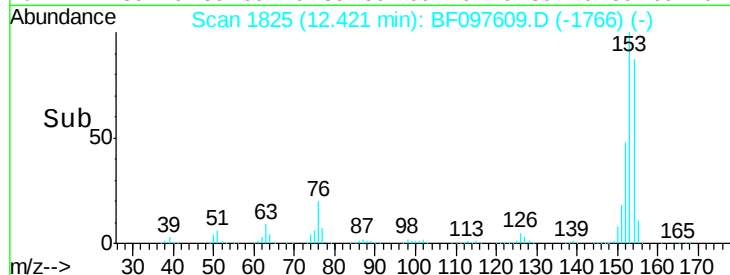
92 0.0 93.8 140.6#



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): BF0



#54

Dibenzofuran

Concen: 59.66 ng

RT: 12.71 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

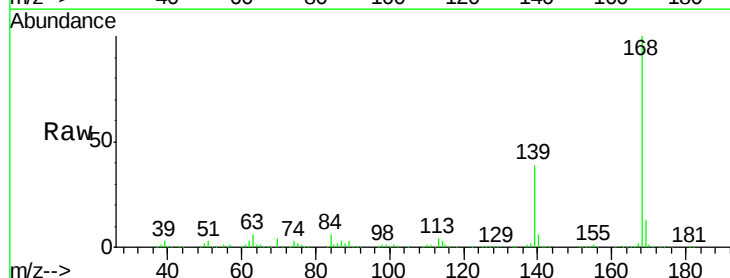
Tgt Ion:168 Resp: 739543

Ion Ratio Lower Upper

168 100

139 39.0 30.6 45.8

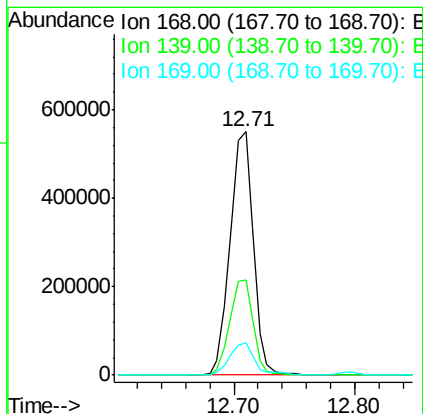
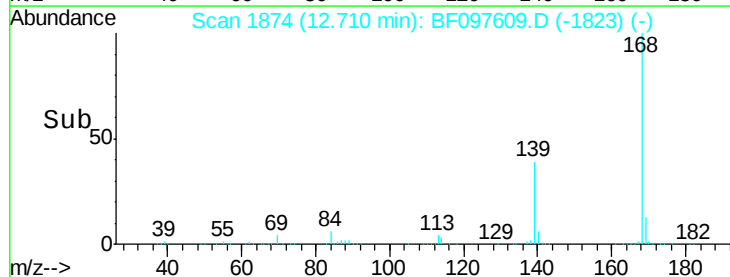
169 13.3 10.8 16.2

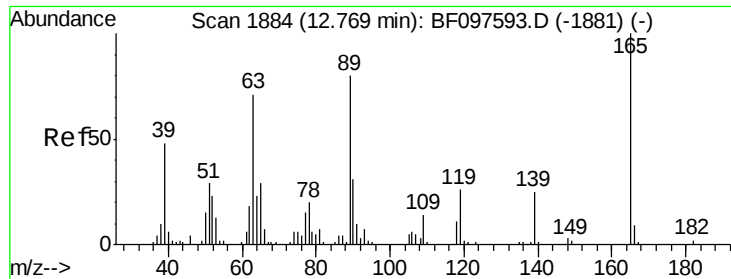


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

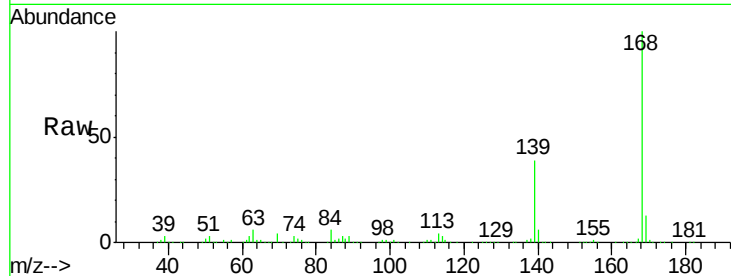




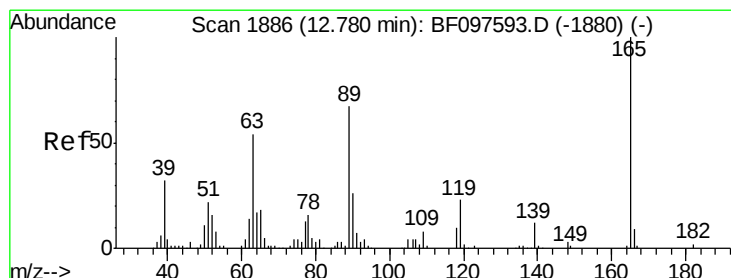
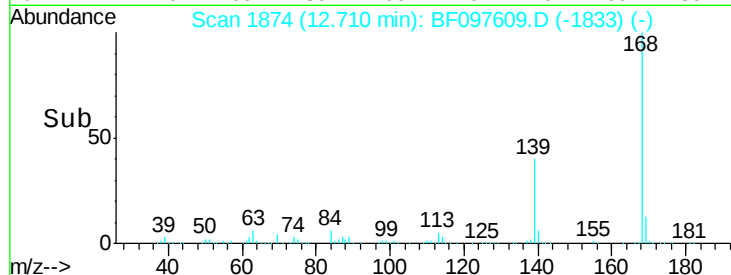
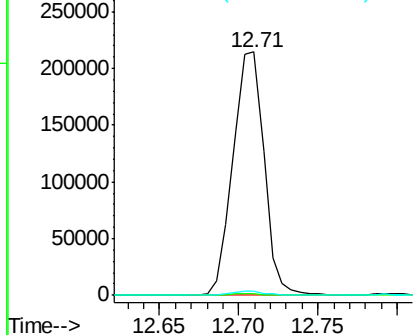
#55
4-Nitrophenol
Concen: 261.18 ng
RT: 12.71 min Scan# 1874
Delta R.T. -0.06 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

Tot Ion:139 Resp: 292440
Ion Ratio Lower Upper
139 100
109 0.7 34.1 74.1#
65 1.5 31.4 71.4#

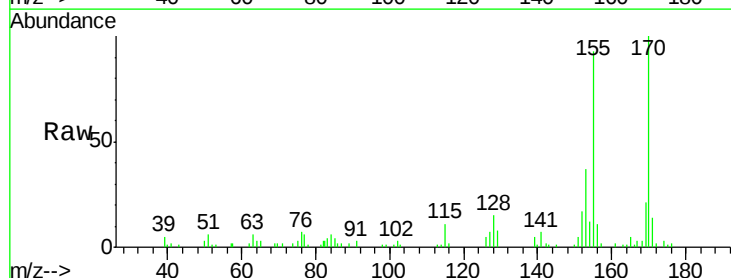


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

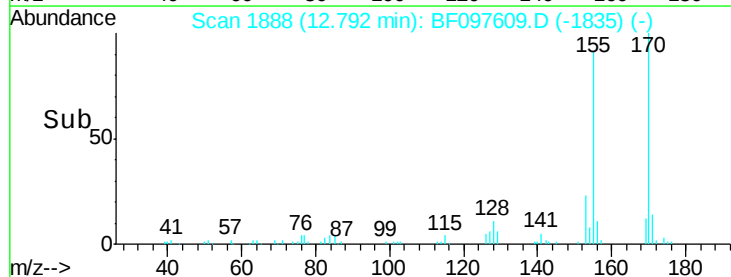
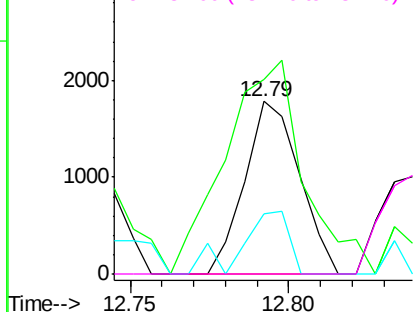


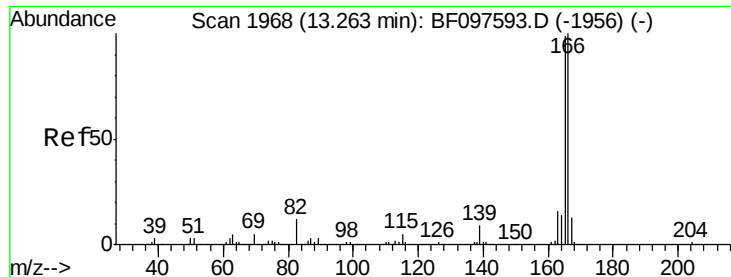
#56
2,4-Dinitrotoluene
Concen: 0.72 ng
RT: 12.79 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion:165 Resp: 2144
Ion Ratio Lower Upper
165 100
63 112.5 25.4 38.0#
89 34.9 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

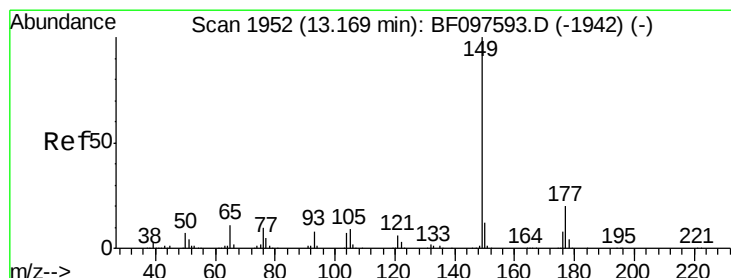
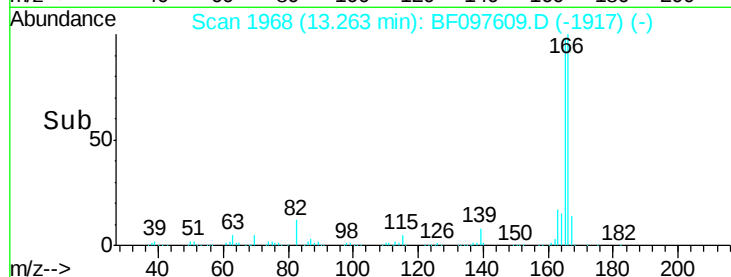
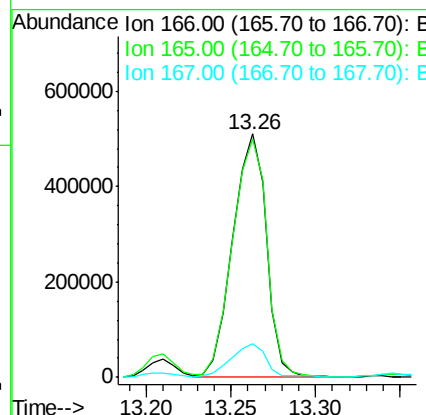
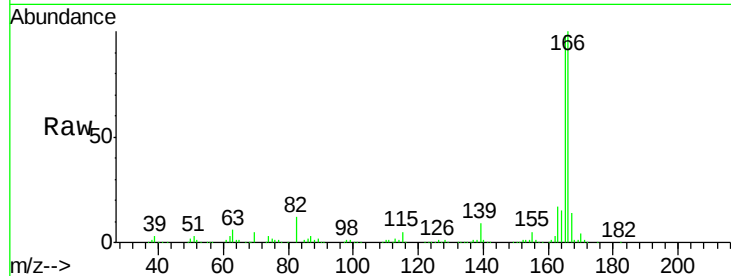




#57
 Fluorene
 Concen: 69.24 ng
 RT: 13.26 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

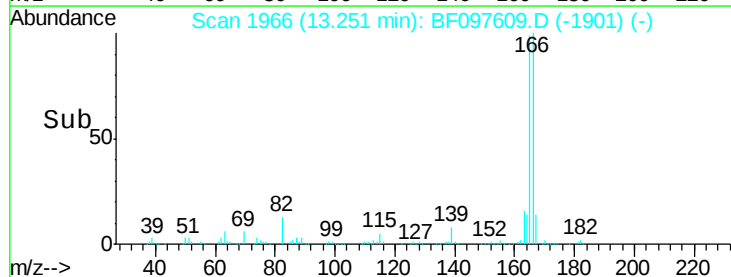
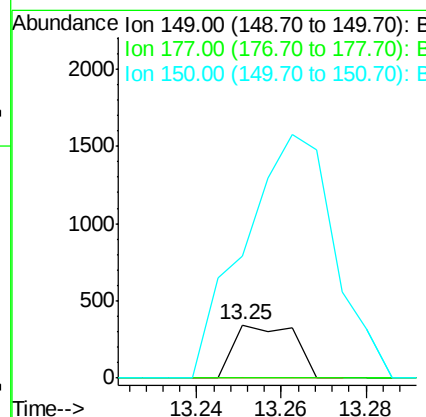
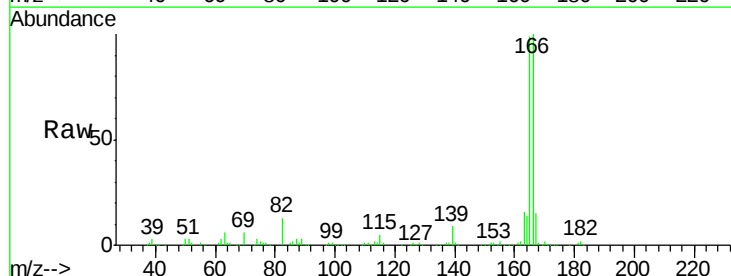
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-4B

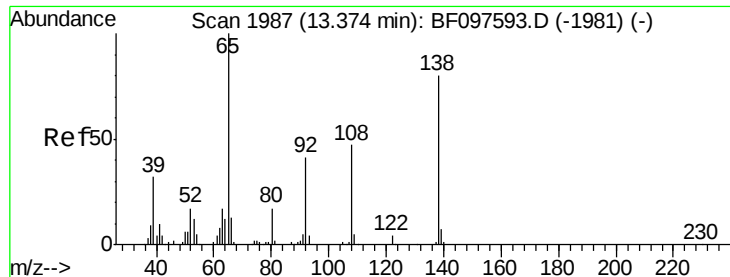
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.8	118.2
167	13.9	10.6	16.0



#59
 Diethylphthalate
 Concen: 0.03 ng
 RT: 13.25 min Scan# 1966
 Delta R.T. 0.08 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	228.9	10.2	15.2#

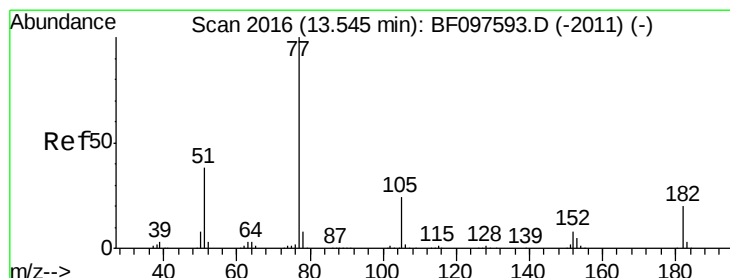
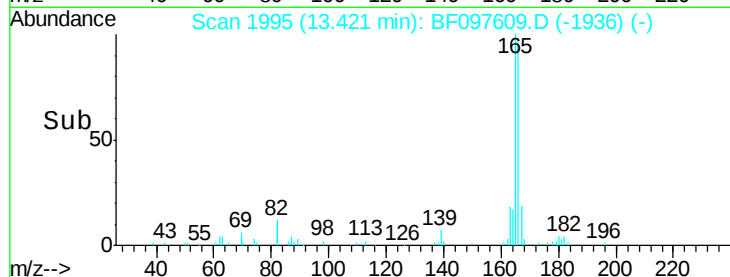
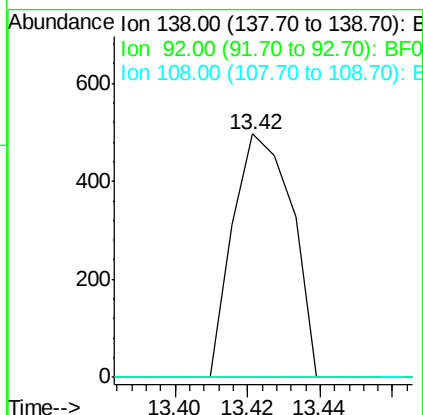
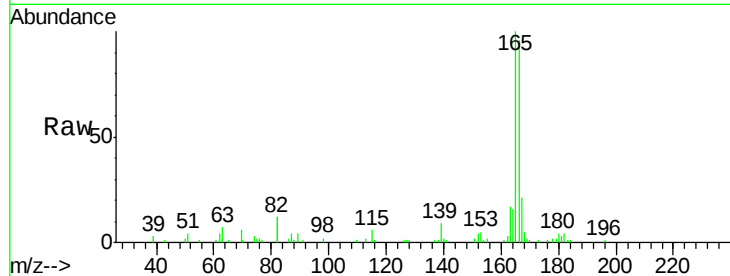




#61
4-Nitroaniline
Concen: 0.20 ng
RT: 13.42 min Scan# 1995
Delta R.T. 0.05 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

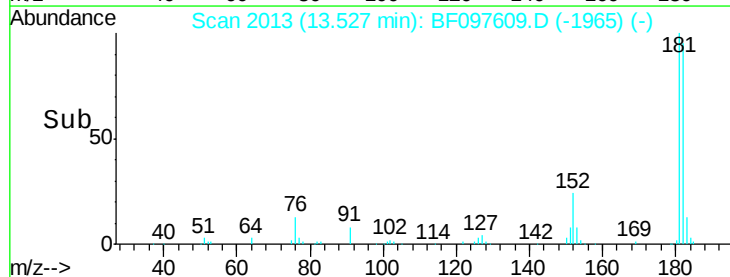
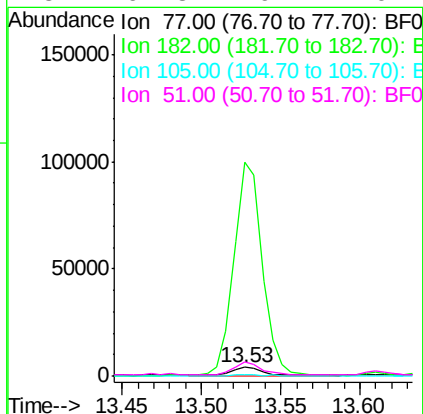
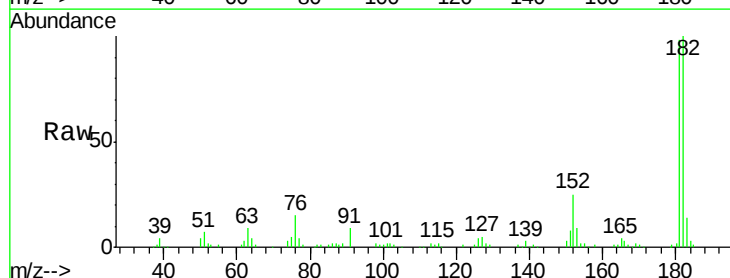
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

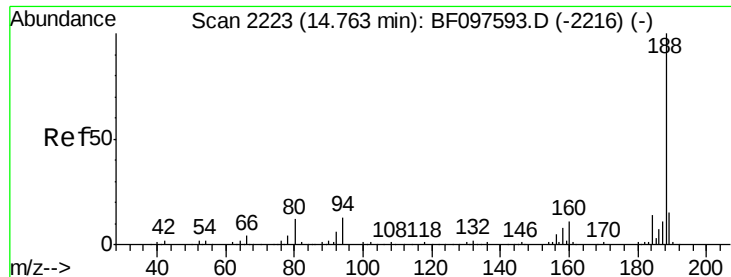
Tot Ion:138 Resp: 562
Ion Ratio Lower Upper
138 100
92 0.0 21.8 61.8#
108 0.0 42.3 82.3#



#62
Azobenzene
Concen: 0.66 ng
RT: 13.53 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion: 77 Resp: 6771
Ion Ratio Lower Upper
77 100
182 2429.6 0.1 40.1#
105 10.4 3.6 43.6
51 167.8 9.4 49.4#

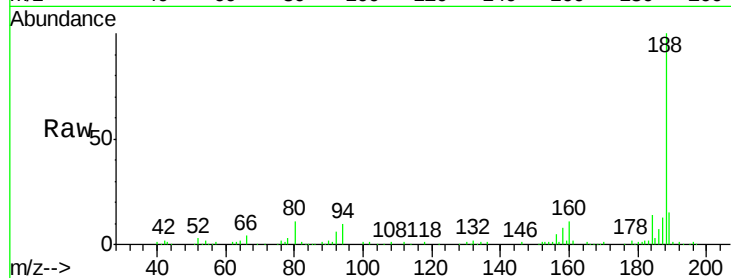




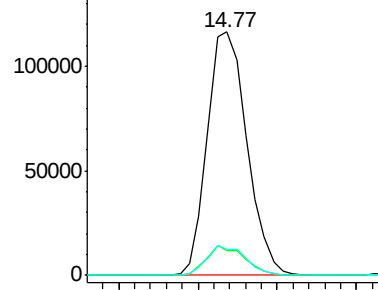
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

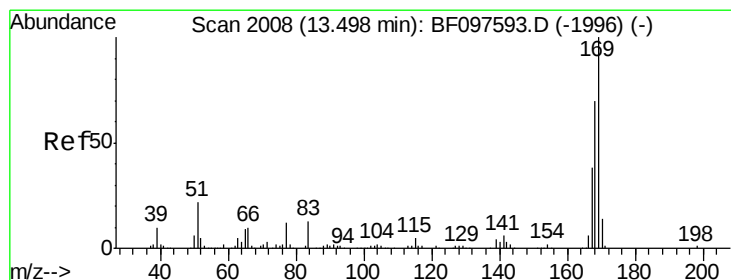
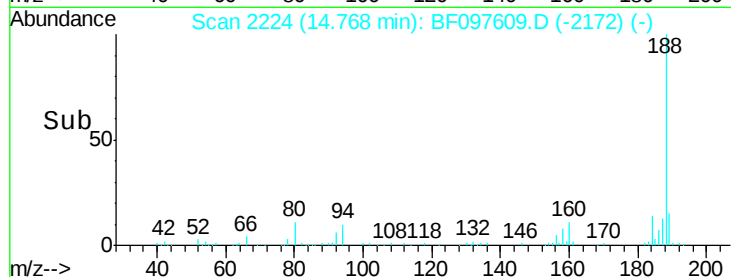
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.8	10.2	15.2



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

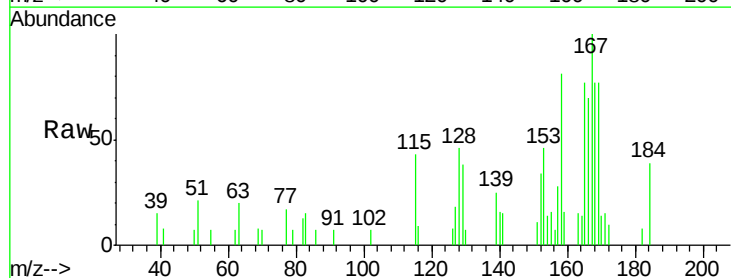


Time-->

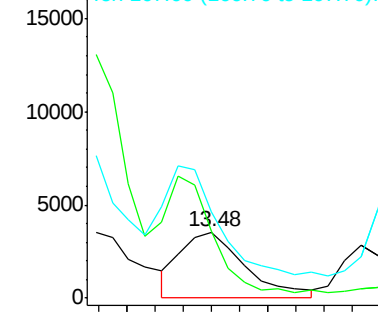


#65
n-Nitrosodiphenylamine
Concen: 0.76 ng
RT: 13.48 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

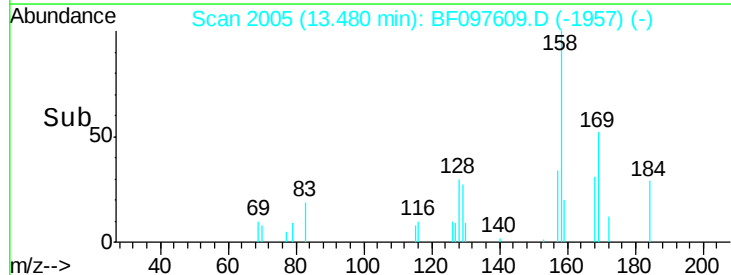
Tgt Ion	Ratio	Lower	Upper
169	100		
168	100.8	53.2	79.8#
167	130.3	29.5	44.3#

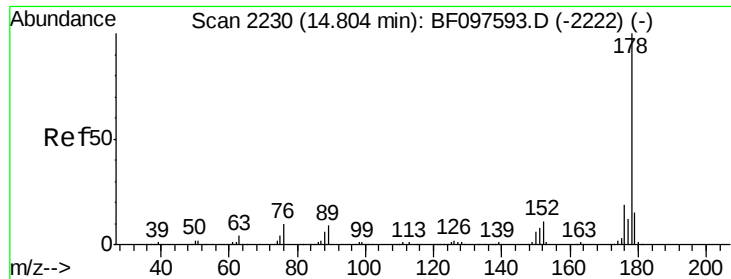


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->

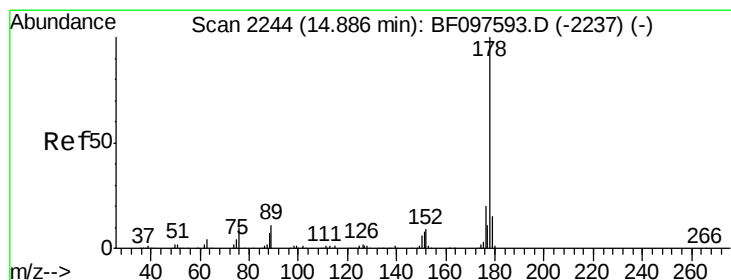
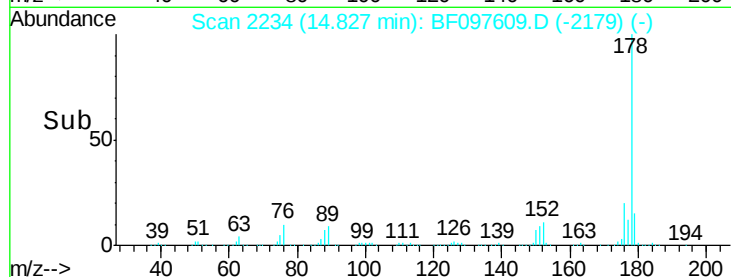
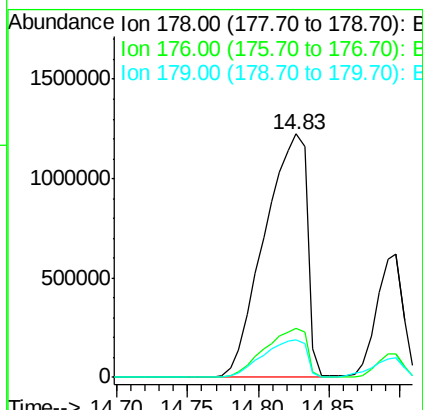
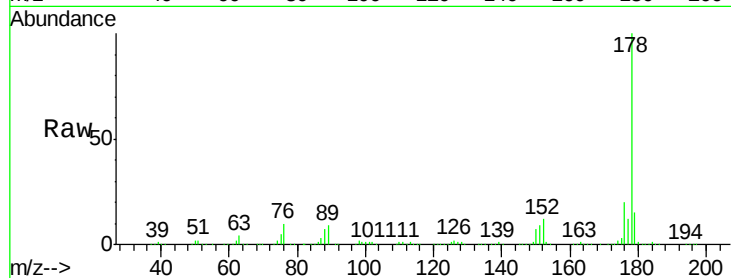




#70
Phenanthrene
Concen: 222.29 ng
RT: 14.83 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

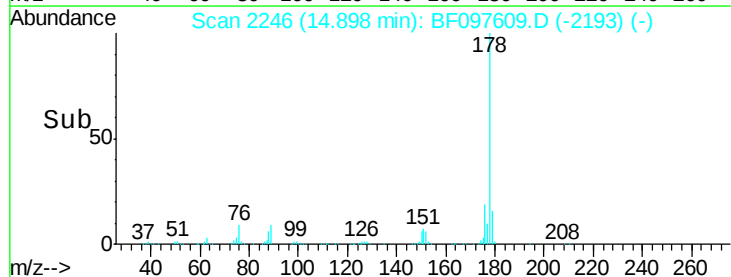
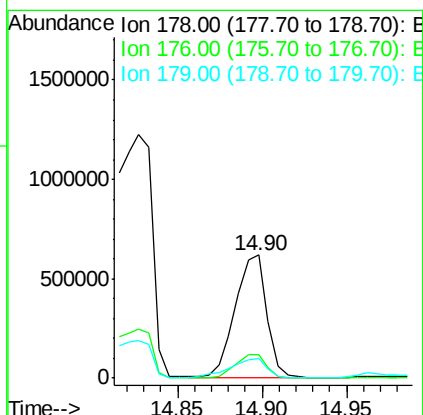
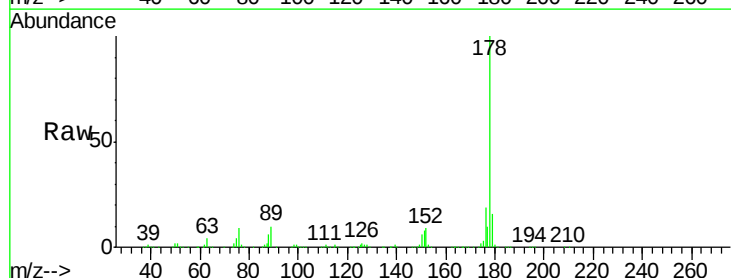
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

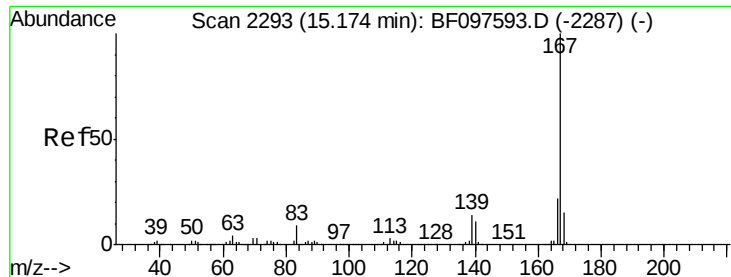
Tot Ion:178 Resp: 2591113
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.4 12.6 19.0



#71
Anthracene
Concen: 67.92 ng
RT: 14.90 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion:178 Resp: 810018
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.8 12.7 19.1





#72

Carbazole

Concen: 22.06 ng

RT: 15.18 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

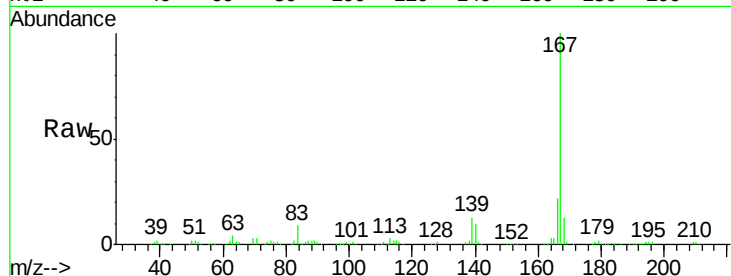
Tot Ion:167 Resp: 250494

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

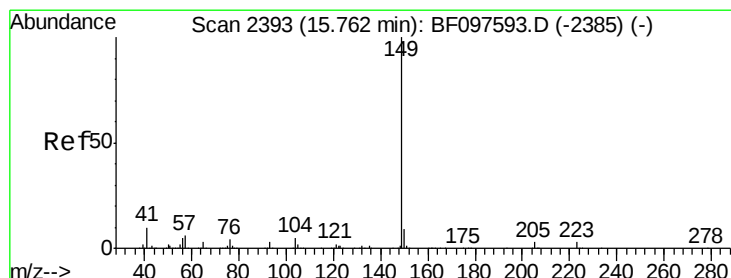
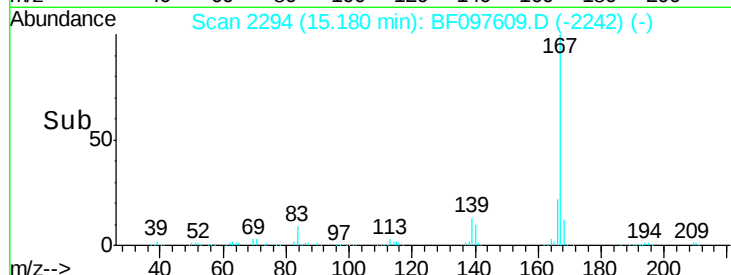
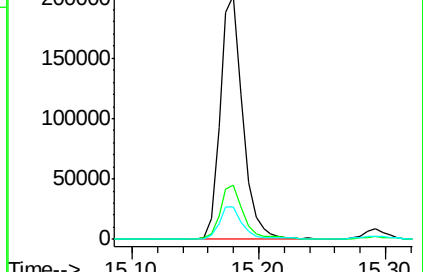
139 13.5 11.7 17.5



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: 0.07 ng

RT: 15.76 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

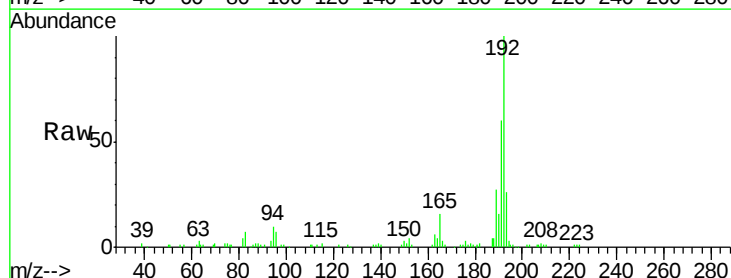
Tgt Ion:149 Resp: 867

Ion Ratio Lower Upper

149 100

150 271.2 7.7 11.5#

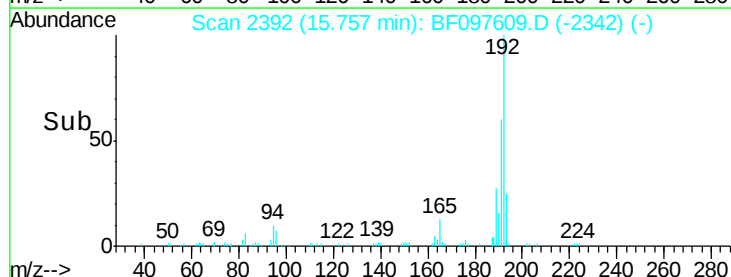
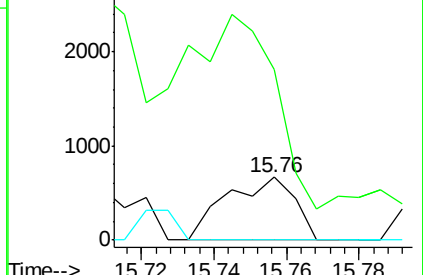
104 0.0 4.0 6.0#

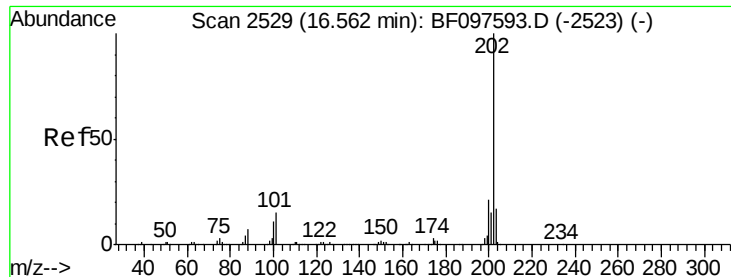


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 163.62 ng

RT: 16.58 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

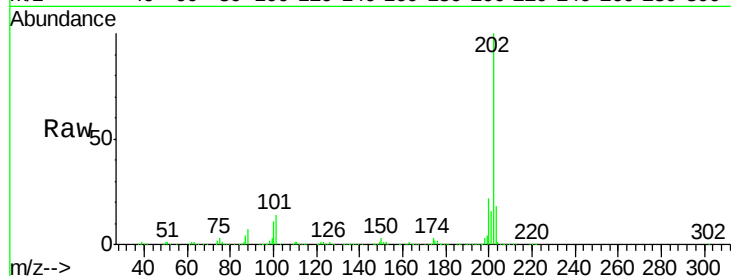
Tot Ion:202 Resp: 1723329

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

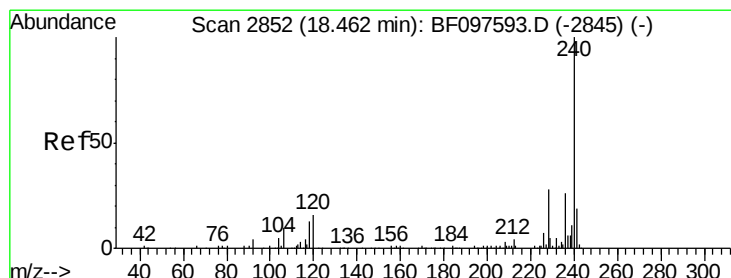
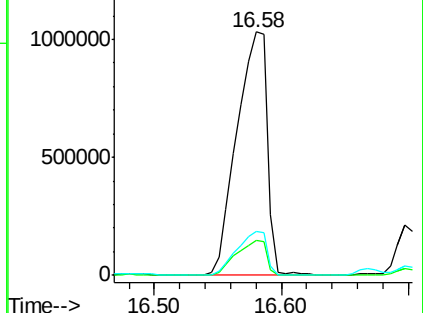
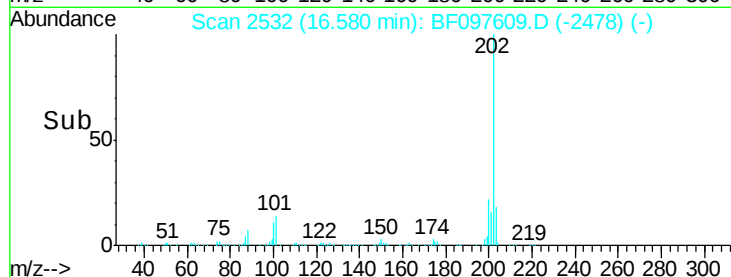
203 17.8 0.0 38.1



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: 20.00 ng

RT: 18.47 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

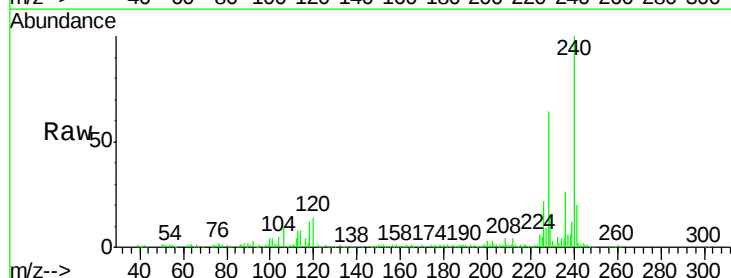
Tgt Ion:240 Resp: 154182

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

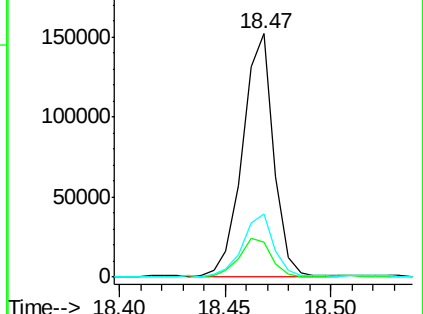
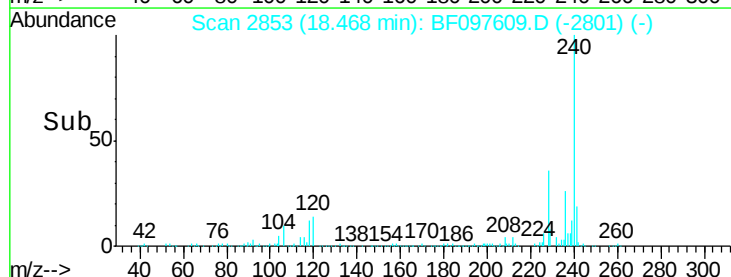
236 26.1 20.5 30.7

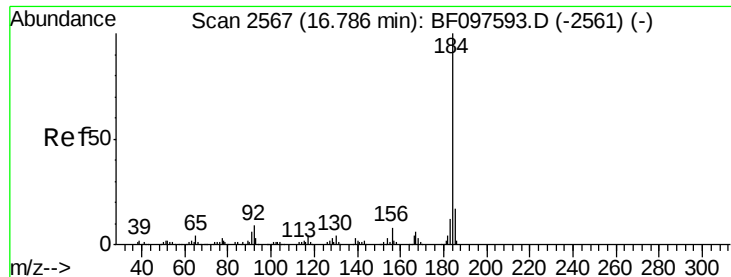


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.02 ng

RT: 16.80 min Scan# 2570

Delta R.T. 0.02 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

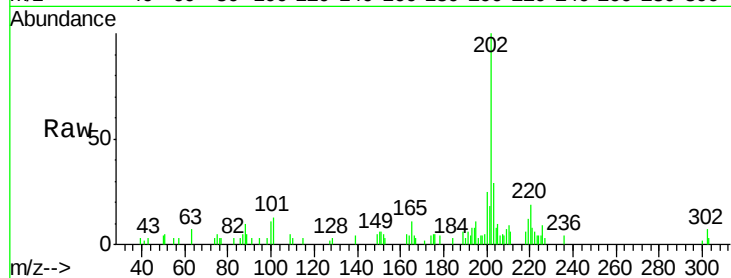
Tot Ion:184 Resp: 119

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

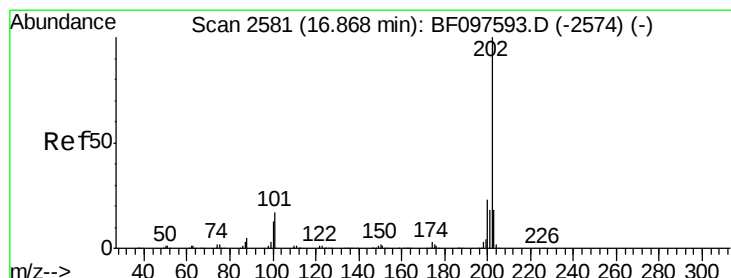
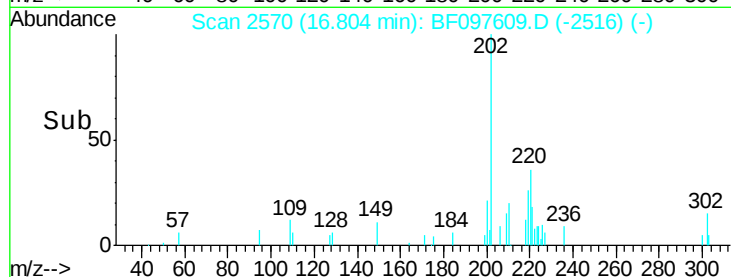
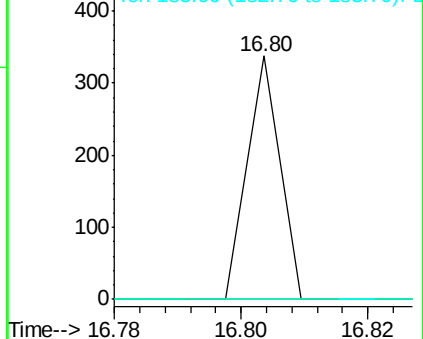
183 0.0 9.8 14.6#



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

Pyrene

Concen: 112.49 ng

RT: 16.89 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

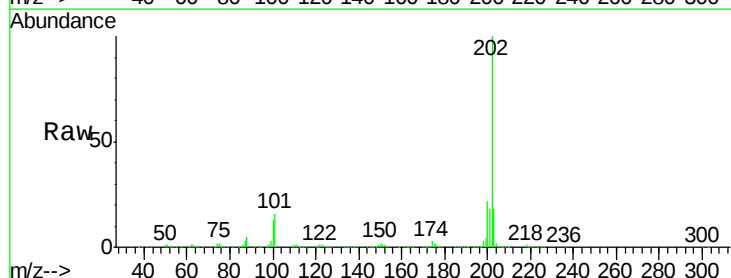
Tgt Ion:202 Resp: 1434317

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

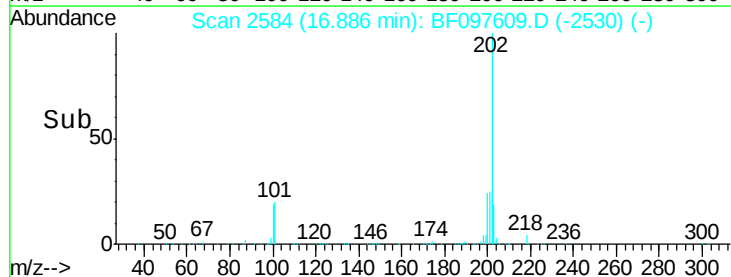
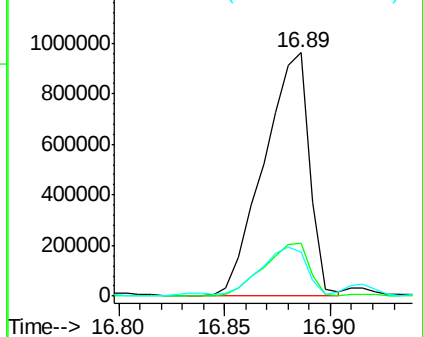
203 18.0 14.4 21.6

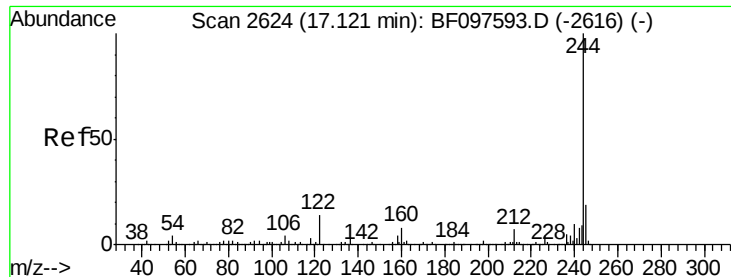


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

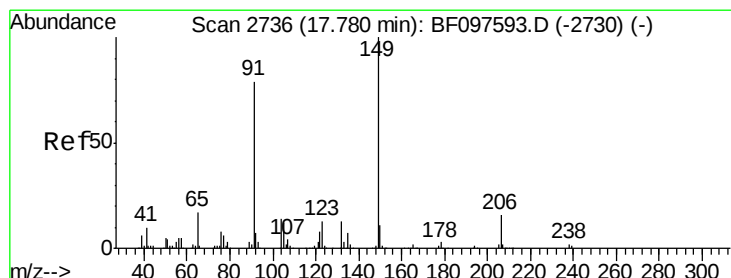
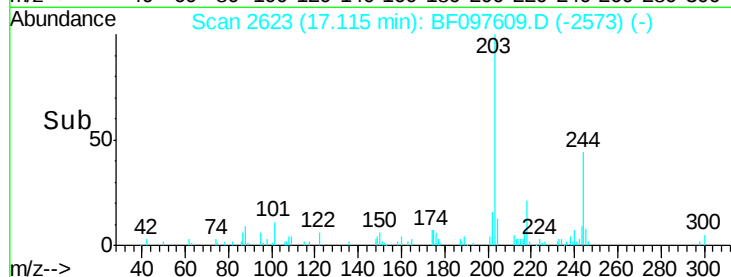
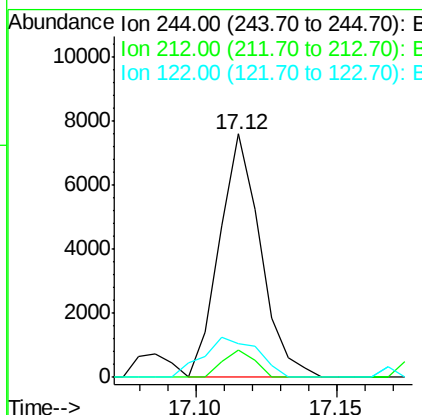
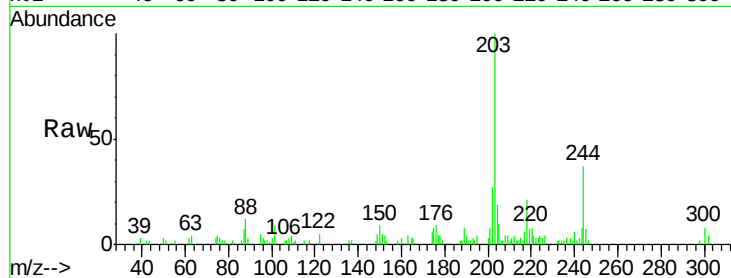




#78
 Terphenyl-d14
 Concen: 1.03 ng
 RT: 17.12 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

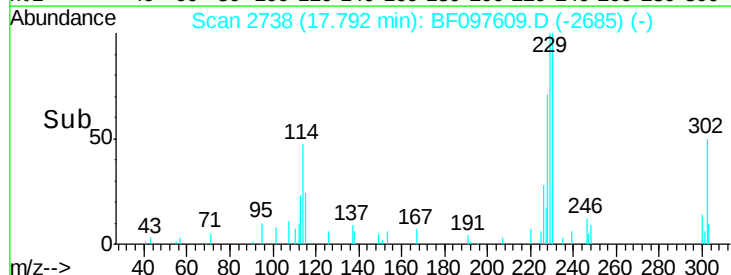
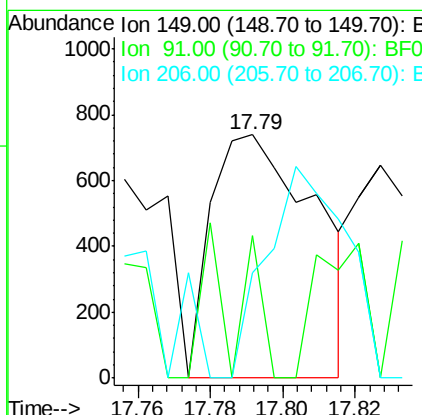
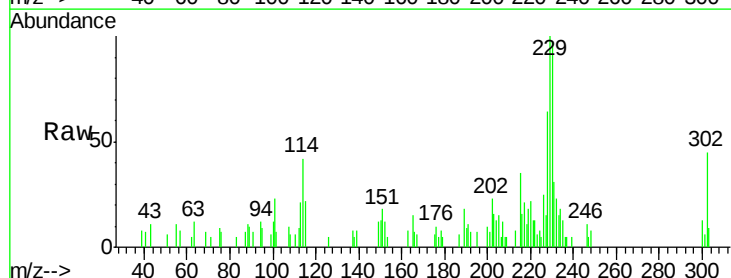
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-4B

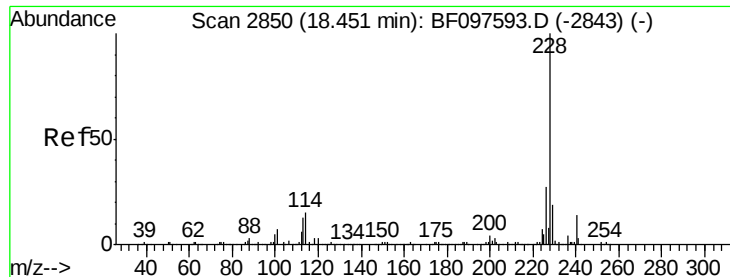
Tot Ion:244 Resp: 7670
 Ion Ratio Lower Upper
 244 100
 212 11.3 6.0 9.0#
 122 13.8 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 0.28 ng
 RT: 17.79 min Scan# 2738
 Delta R.T. 0.01 min
 Lab File: BF097609.D
 Acq: 11 Aug 2017 22:57

Tgt Ion:149 Resp: 1471
 Ion Ratio Lower Upper
 149 100
 91 58.7 45.0 67.4
 206 43.4 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 74.01 ng

RT: 18.46 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

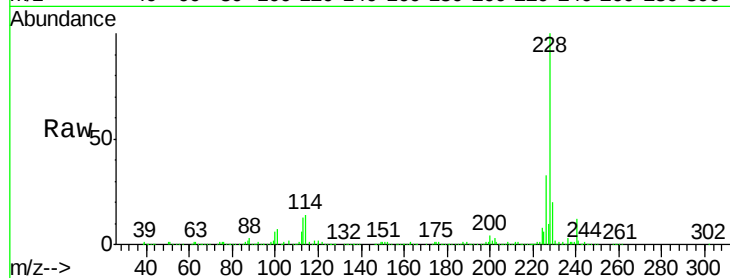
Tot Ion:228 Resp: 666449

Ion Ratio Lower Upper

228 100

226 32.9 22.6 33.8

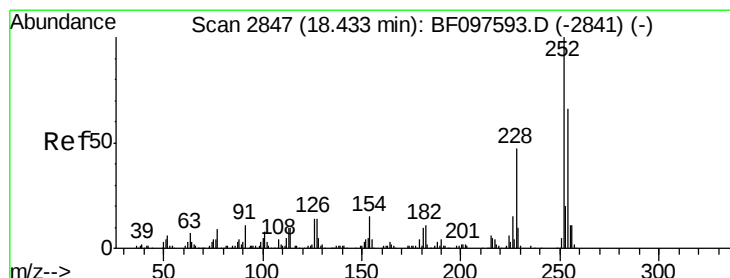
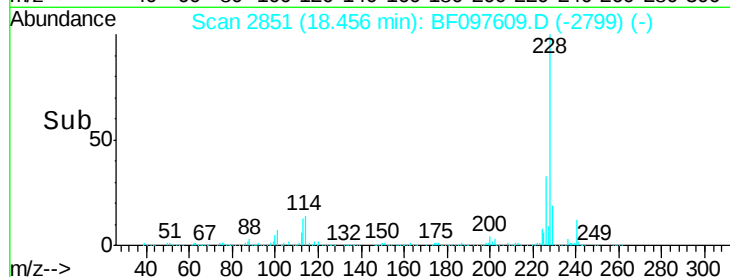
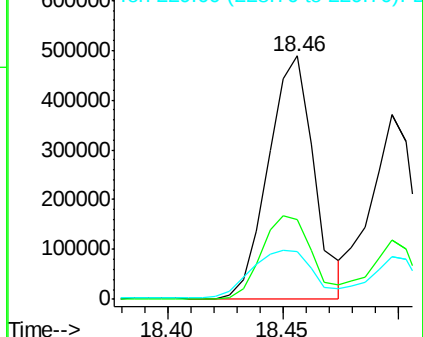
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.08 ng

RT: 18.44 min Scan# 2848

Delta R.T. 0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

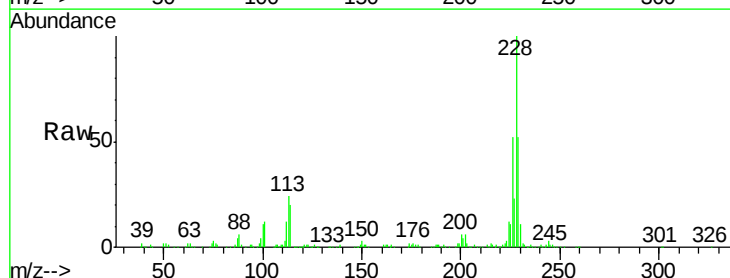
Tgt Ion:252 Resp: 261

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

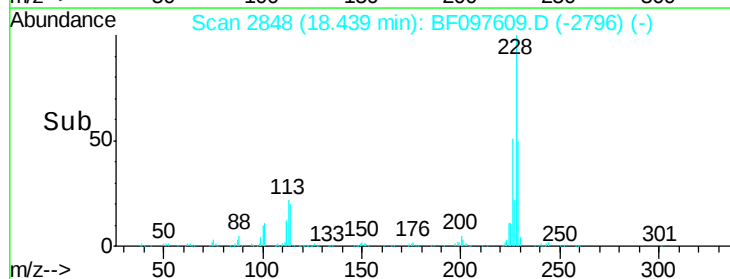
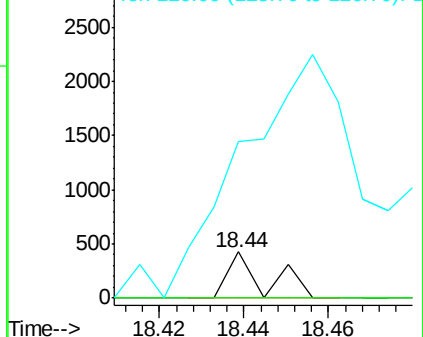
126 340.5 15.8 23.8#

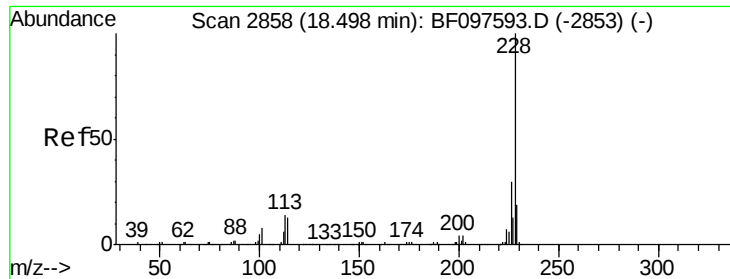


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrvsene

Concen: 52.04 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

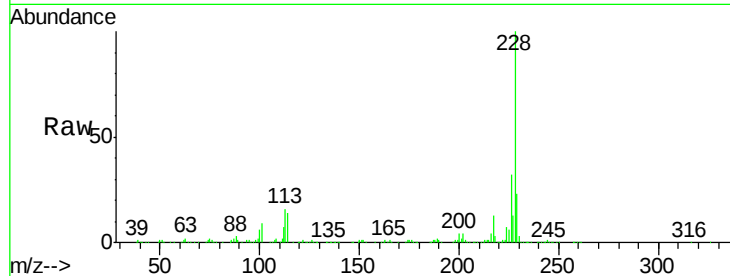
Tot Ion:228 Resp: 466114

Ion Ratio Lower Upper

228 100

226 31.9 24.9 37.3

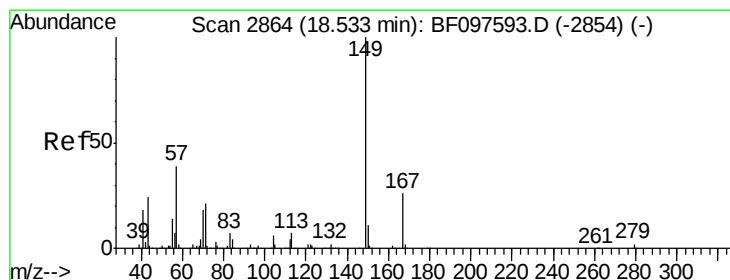
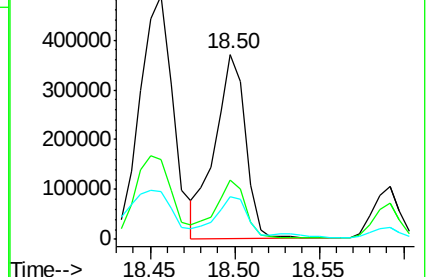
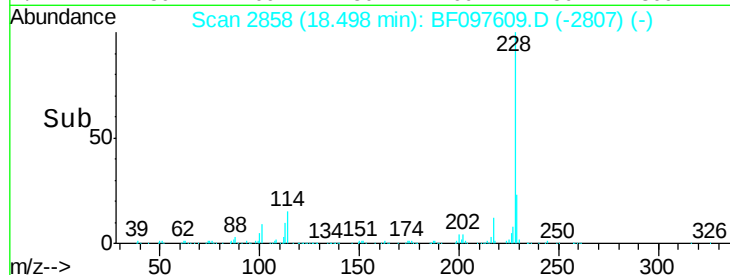
229 23.2 15.8 23.6



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: 0.12 ng

RT: 18.53 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

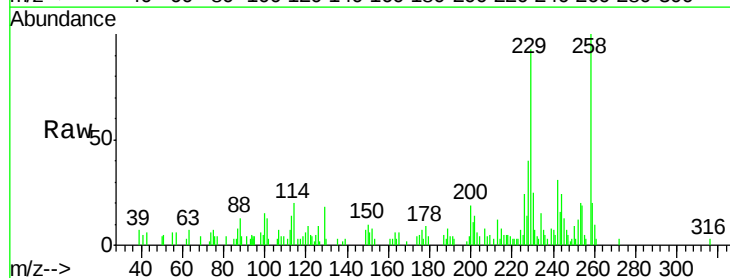
Tgt Ion:149 Resp: 945

Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.4#

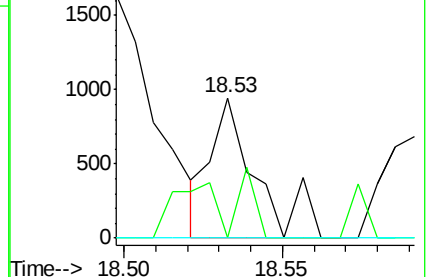
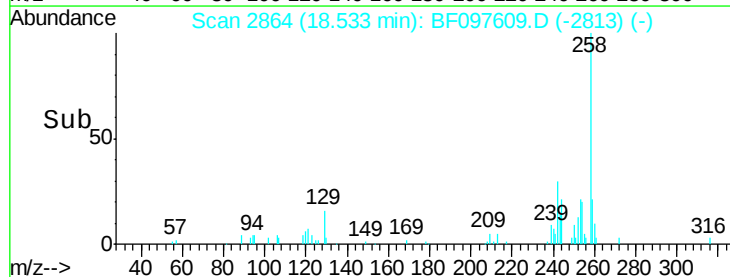
279 0.0 1.9 2.9#

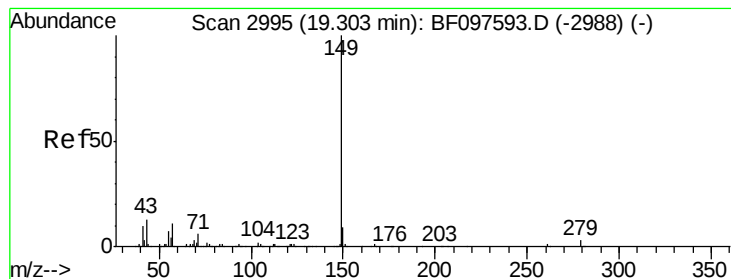


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.01 ng

RT: 19.35 min Scan# 3003

Delta R.T. 0.05 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-4B

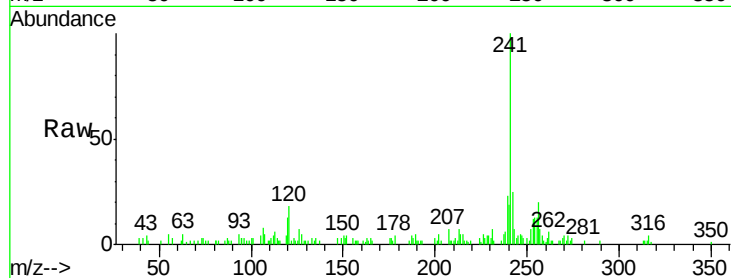
Tot Ion:149 Resp: 129

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

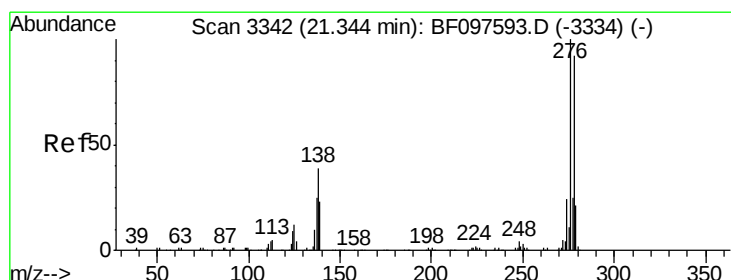
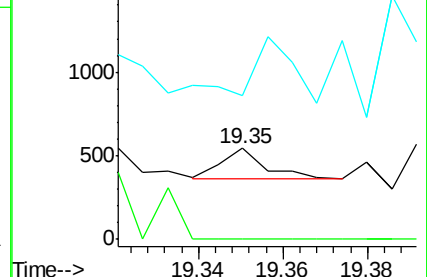
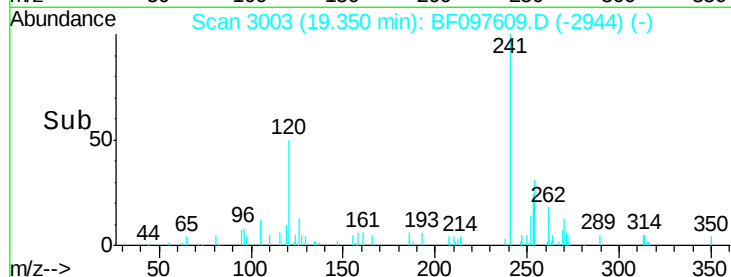
43 186.8 8.5 12.7#



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): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 48.61 ng

RT: 21.36 min Scan# 3344

Delta R.T. 0.01 min

Lab File: BF097609.D

Acq: 11 Aug 2017 22:57

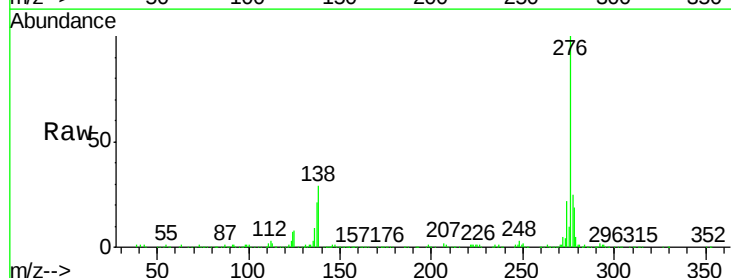
Tgt Ion:276 Resp: 338598

Ion Ratio Lower Upper

276 100

138 31.1 27.8 41.6

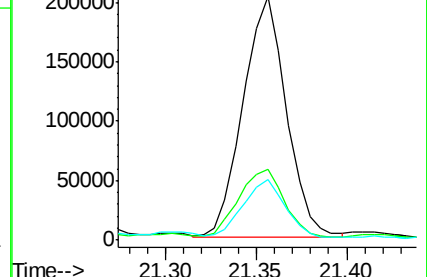
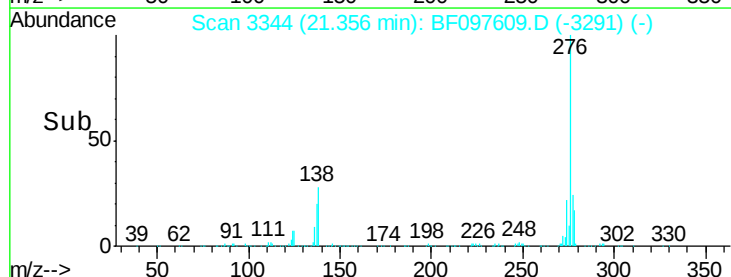
277 24.0 20.2 30.4

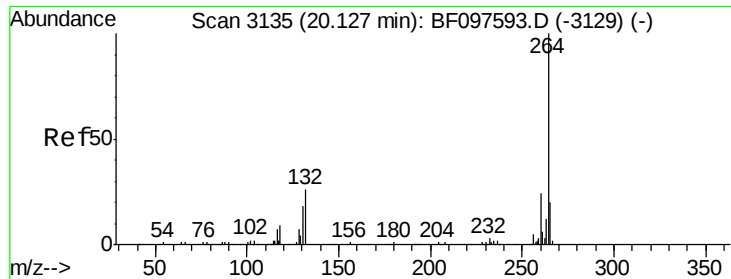


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

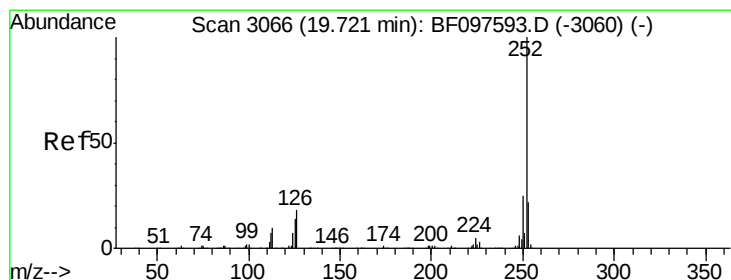
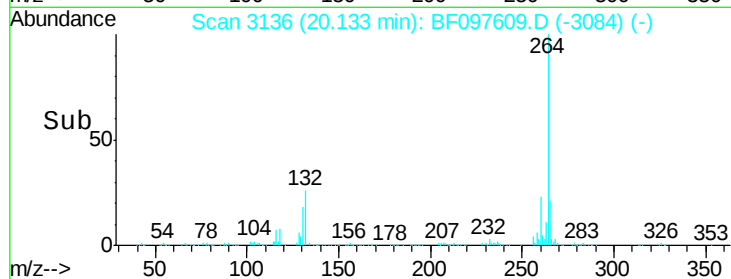
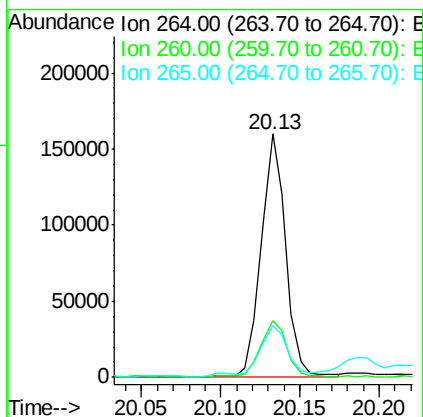
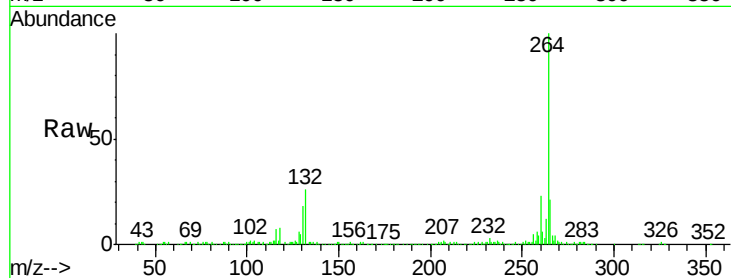




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

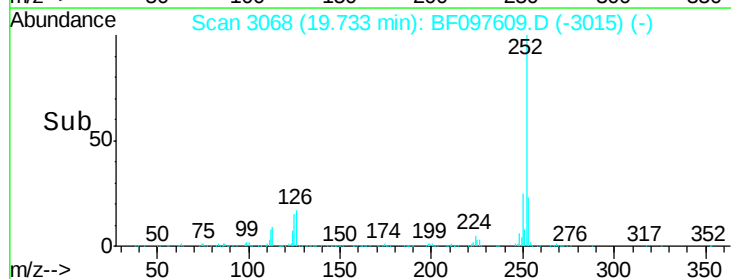
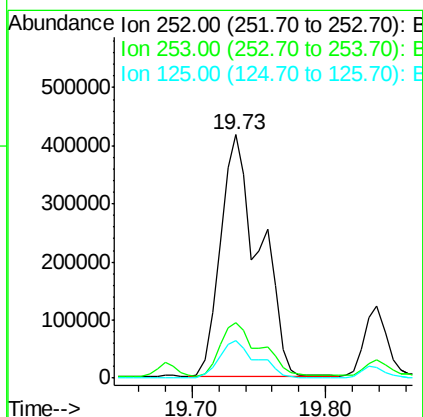
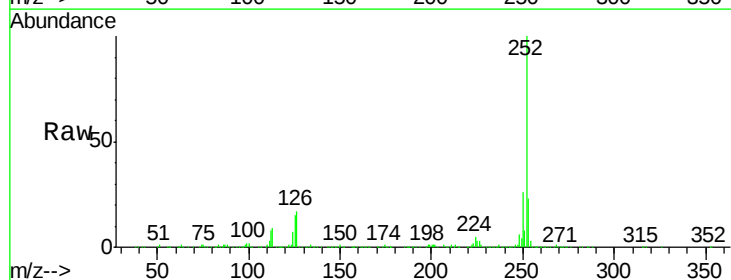
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

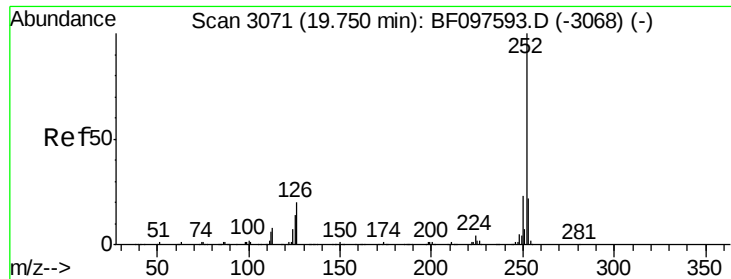
Tot Ion:264 Resp: 175692
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 80.59 ng
RT: 19.73 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion:252 Resp: 850262
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 15.5 9.8 14.8#

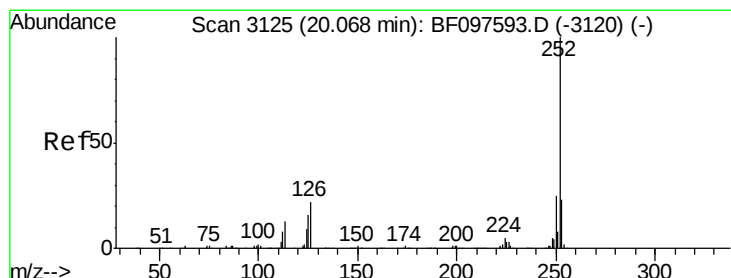
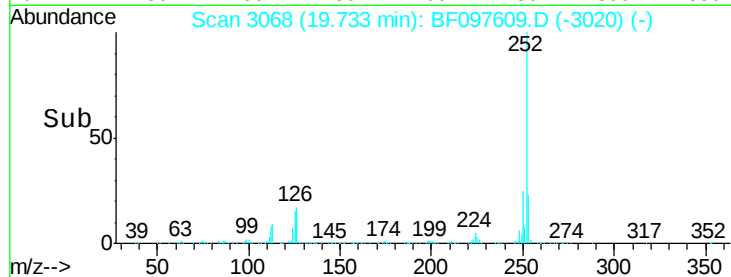
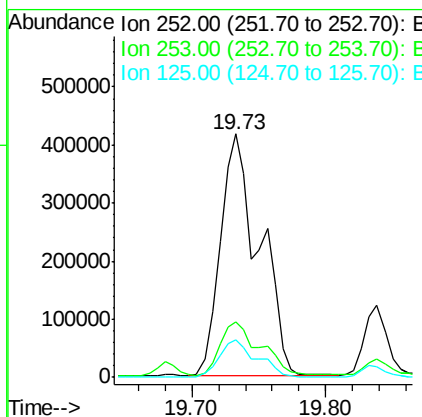
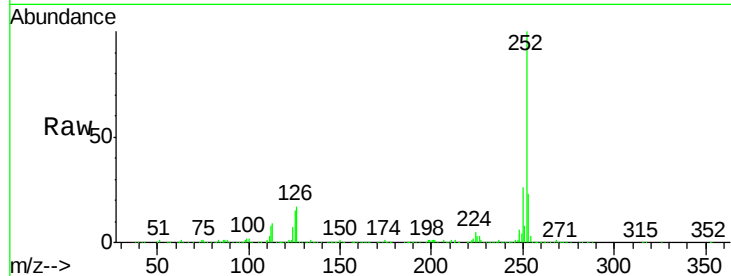




#88
Benzo(k)fluoranthene
Concen: 80.02 ng
RT: 19.73 min Scan# 3068
Delta R.T. -0.02 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

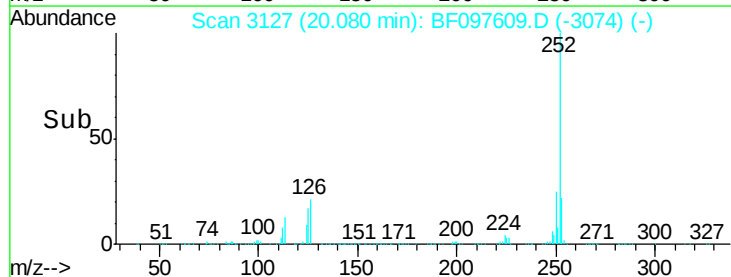
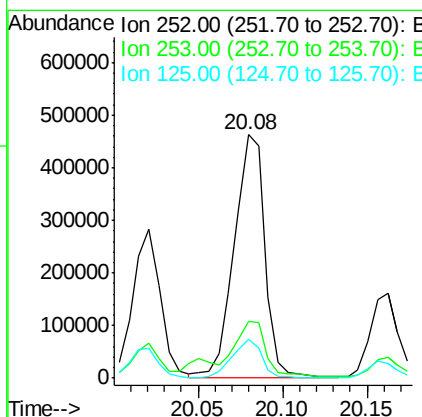
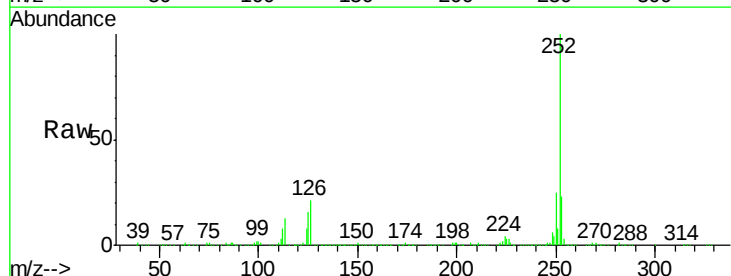
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

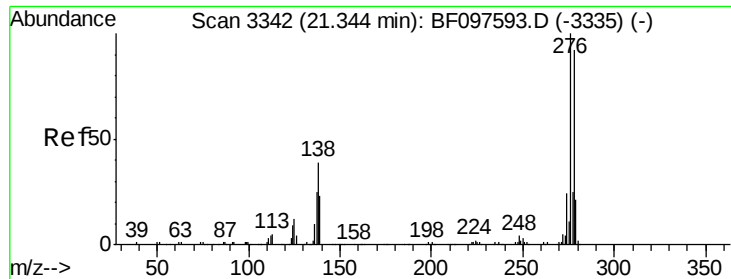
Tot Ion:252 Resp: 850262
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 15.5 13.1 19.7



#89
Benzo(a)pyrene
Concen: 59.95 ng
RT: 20.08 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion:252 Resp: 580551
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 16.2 11.0 16.4

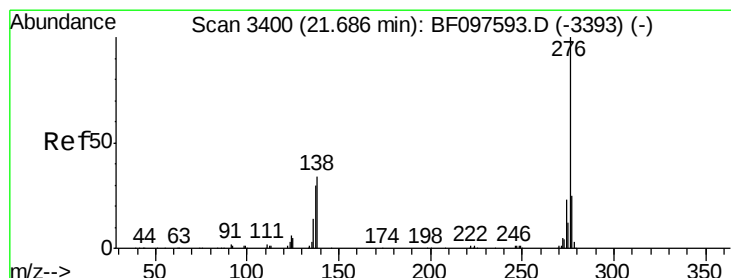
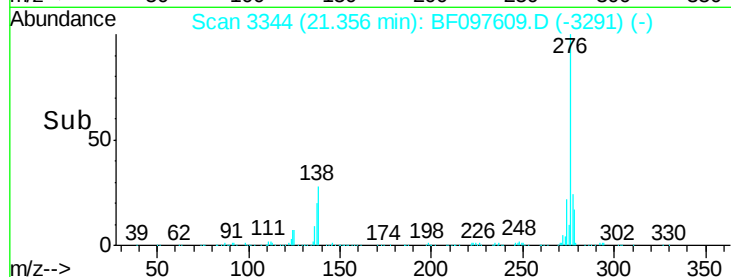
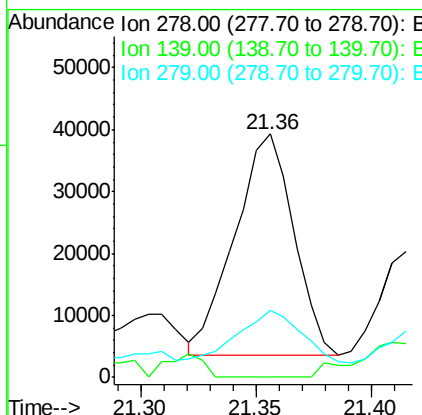
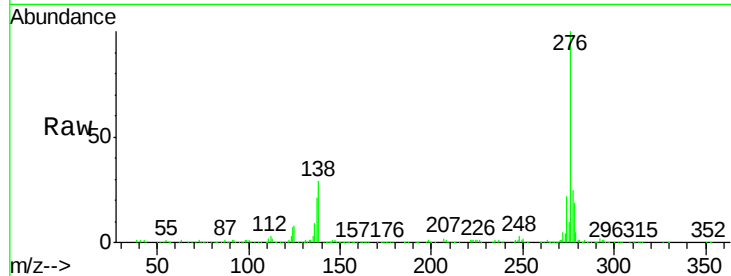




#90
Dibenzo(a,h)anthracene
Concen: 9.14 ng
RT: 21.36 min Scan# 3344
Delta R.T. 0.01 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-4B

Tot Ion:278 Resp: 63386
Ion Ratio Lower Upper
278 100
139 0.0 16.6 24.8#
279 27.3 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 42.95 ng
RT: 21.71 min Scan# 3404
Delta R.T. 0.02 min
Lab File: BF097609.D
Acq: 11 Aug 2017 22:57

Tgt Ion:276 Resp: 326693
Ion Ratio Lower Upper
276 100
277 24.9 18.6 28.0
138 33.7 25.4 38.0

