

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097608.D
 Acq On : 11 Aug 2017 22:24
 Operator : SJ/JU
 Sample : I4697-06 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

Quant Time: Aug 12 00:54:22 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	82089	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	339027	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	143755	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	213030	20.00	ng	0.00
75) Chrysene-d12	18.47	240	149015	20.00	ng	0.00
86) Perylene-d12	20.13	264	176008	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	2474	0.48	ng	0.18
7) Phenol-d6	7.19	99	3337	0.52	ng	0.13
23) Nitrobenzene-d5	8.49	82	4736	0.88	ng	0.06
41) 2,4,6-Tribromophenol	13.68	330	1122	1.03	ng	0.02
44) 2-Fluorobiphenyl	11.32	172	9301	0.98	ng	0.00
78) Terphenyl-d14	17.12	244	6827	0.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.95	88	367	0.16	ng	# 20
4) n-Nitrosodimethylamine	2.11	42	117	0.03	ng	# 1
9) Benzaldehyde	6.83	77	151	0.04	ng	# 1
10) Phenol	7.21	94	120	0.02	ng	# 38
15) Benzyl Alcohol	7.61	79	107	0.02	ng	# 1
18) Hexachloroethane	8.42	117	2903	1.26	ng	# 15
19) n-Nitroso-di-n-propylamine	8.47	70	114	0.03	ng	# 35
20) 3+4-Methylphenols	8.42	107	922	0.16	ng	# 60
22) Acetophenone	8.29	105	124	0.02	ng	# 46
24) Nitrobenzene	8.39	77	942	0.16	ng	# 2
25) Isophorone	8.99	82	109	0.01	ng	# 67
31) Naphthalene	9.58	128	2258681	133.01	ng	# 99
32) Benzoic acid	9.58	122	5181	1.93	ng	# 1
33) 4-Chloroaniline	9.58	127	303166	43.10	ng	# 34
37) 2-Methylnaphthalene	10.70	142	245580	22.98	ng	# 99
45) 1,1'-Biphenyl	11.47	154	205688	16.68	ng	# 98
46) 2-Chloronaphthalene	11.57	162	4749	0.50	ng	# 40
47) 2-Nitroaniline	11.72	65	3562	0.96	ng	# 20
48) Acenaphthylene	12.13	152	118160	7.85	ng	# 98
49) Dimethylphthalate	12.02	163	2735	0.25	ng	# 76
50) 2,6-Dinitrotoluene	11.92	165	1380	0.60	ng	# 80
51) Acenaphthene	12.43	154	810726	89.86	ng	# 99
52) 3-Nitroaniline	12.43	138	612	0.20	ng	# 1
54) Dibenzofuran	12.71	168	748418	59.26	ng	# 98
55) 4-Nitrophenol	12.71	139	298572	261.72	ng	# 27
56) 2,4-Dinitrotoluene	12.80	165	1778	0.58	ng	# 12
57) Fluorene	13.26	166	643497	61.95	ng	# 98
59) Diethylphthalate	13.26	149	112	0.01	ng	# 1
61) 4-Nitroaniline	13.43	138	638	0.22	ng	# 25
62) Azobenzene	13.53	77	6009	0.58	ng	# 1
65) n-Nitrosodiphenylamine	13.48	169	4106	0.52	ng	# 1
70) Phenanthrene	14.83	178	2401965	195.76	ng	# 99
71) Anthracene	14.89	178	786875	62.68	ng	# 100
72) Carbazole	15.18	167	184775	15.46	ng	# 97

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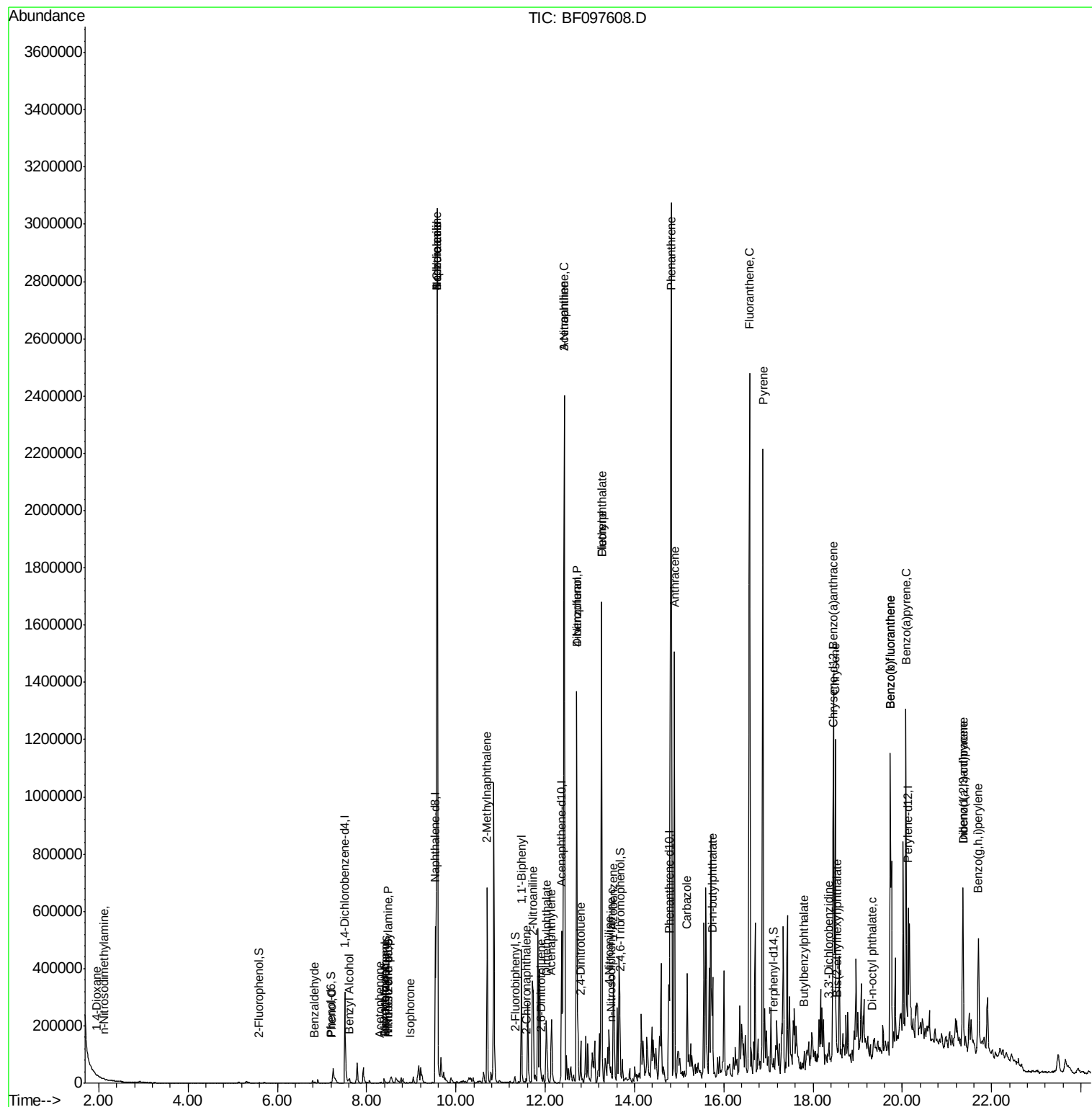
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	15.76	149	695	0.05	nq	# 1
74) Fluoranthene	16.58	202	1531251	138.11	nq	99
77) Pyrene	16.88	202	1208476	98.07	nq	98
79) Butylbenzylphthalate	17.80	149	1179	0.23	nq	# 42
80) Benzo(a)anthracene	18.46	228	577967	66.41	nq	94
81) 3,3'-Dichlorobenzidine	18.36	252	384	0.13	nq	# 3
82) Chrysene	18.50	228	428758	49.53	nq	98
83) Bis(2-ethylhexyl)phthalate	18.53	149	409	0.06	nq	# 52
84) Di-n-octyl phthalate	19.32	149	590	0.05	nq	# 1
85) Indeno(1,2,3-cd)pyrene	21.36	276	298474	44.33	nq	98
87) Benzo(b)fluoranthene	19.73	252	817177	77.32	nq	98
88) Benzo(k)fluoranthene	19.73	252	817177	76.77	nq	97
89) Benzo(a)pyrene	20.08	252	531242	54.76	nq	96
90) Dibenzo(a,h)anthracene	21.36	278	64305	9.26	nq	# 78
91) Benzo(a,h,i)perylene	21.70	276	269724	35.40	nq	96

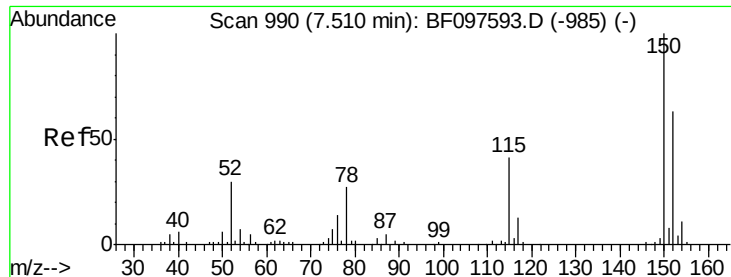
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF097608.D

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ClientSampleId :

NYSEG-PH4-ESMI-3B

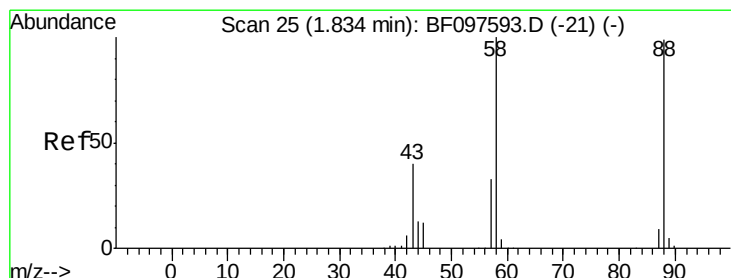
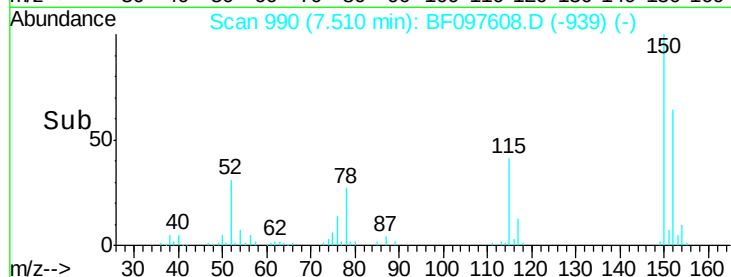
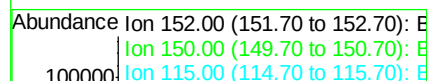
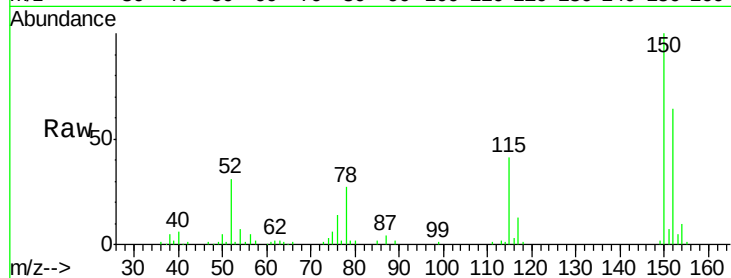
Tot Ion:152 Resp: 82089

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

115 64.8 52.2 78.2



#2

1,4-Dioxane

Concen: 0.16 ng

RT: 1.95 min Scan# 45

Delta R.T. 0.12 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

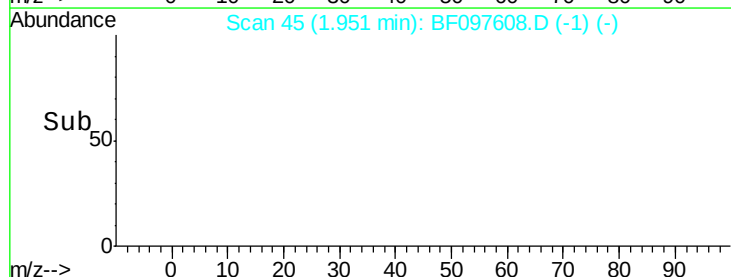
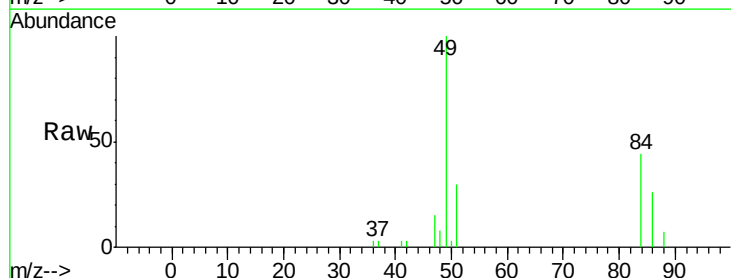
Tgt Ion: 88 Resp: 367

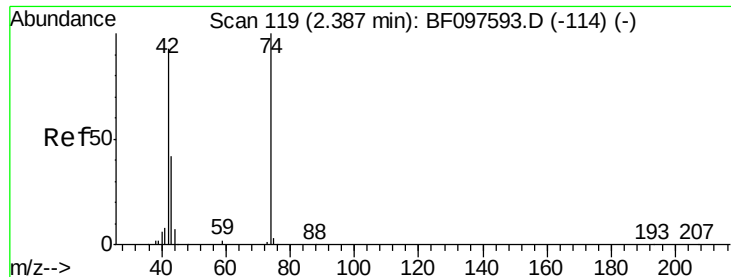
Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

43 60.2 23.4 35.0#





#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 2.11 min Scan# 72

Delta R.T. -0.28 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

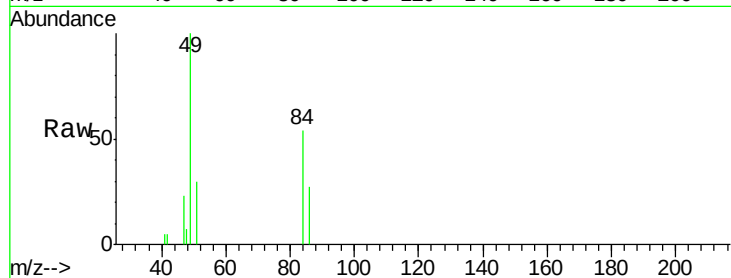
Tot Ion: 42 Resp: 117

Ion Ratio Lower Upper

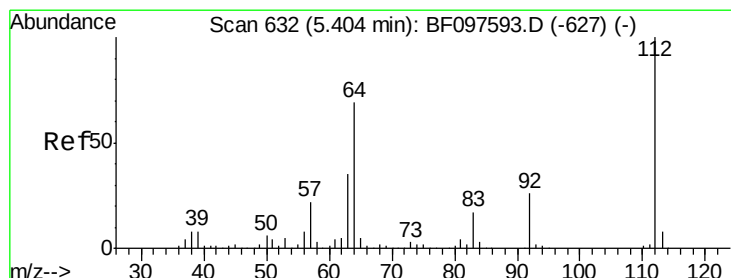
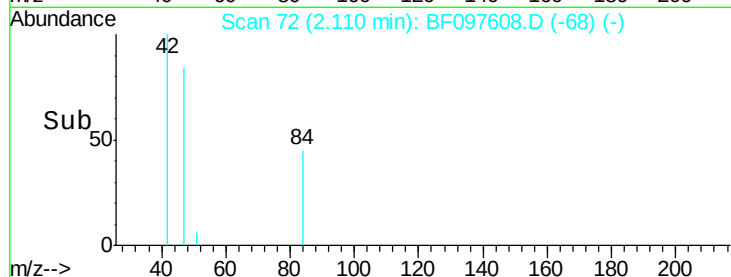
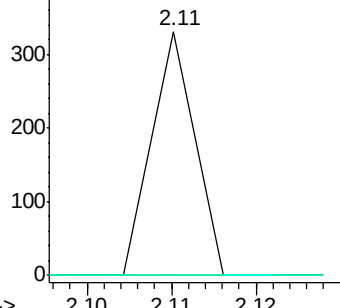
42 100

74 0.0 103.9 155.9#

44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 0.48 ng

RT: 5.59 min Scan# 663

Delta R.T. 0.18 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

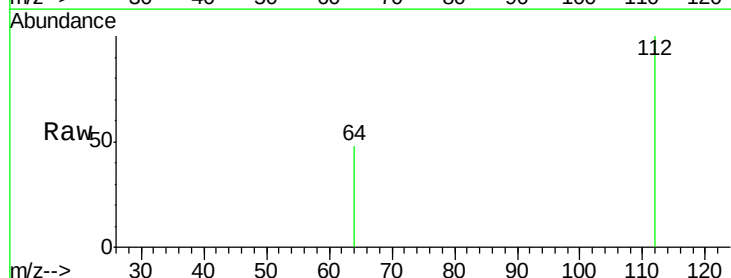
Tgt Ion: 112 Resp: 2474

Ion Ratio Lower Upper

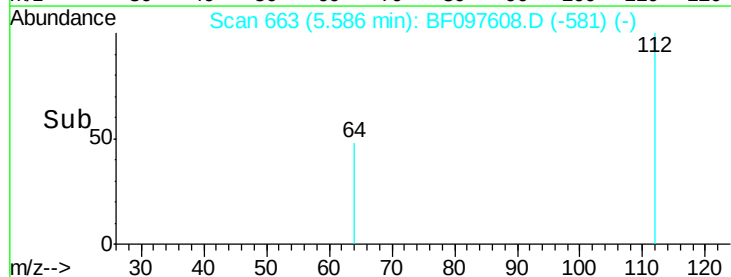
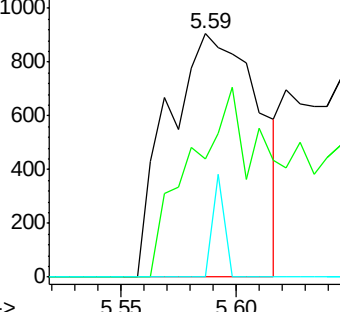
112 100

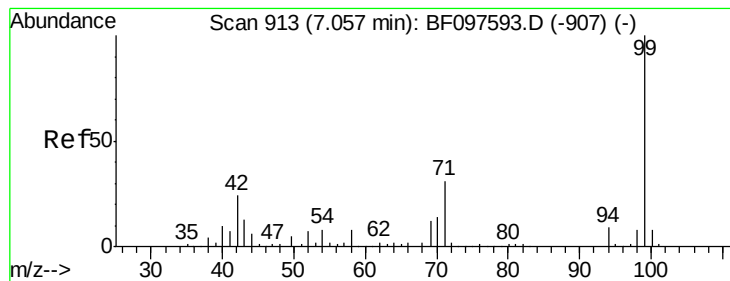
64 48.5 46.0 69.0

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: 0.52 ng

RT: 7.19 min Scan# 935

Delta R.T. 0.13 min

Lab File: BF097608.D

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NYSEG-PH4-ESMI-3B

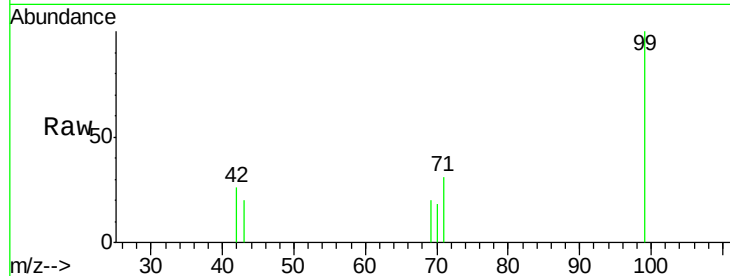
Tot Ion: 99 Resp: 3337

Ion Ratio Lower Upper

99 100

42 25.6 13.5 20.3#

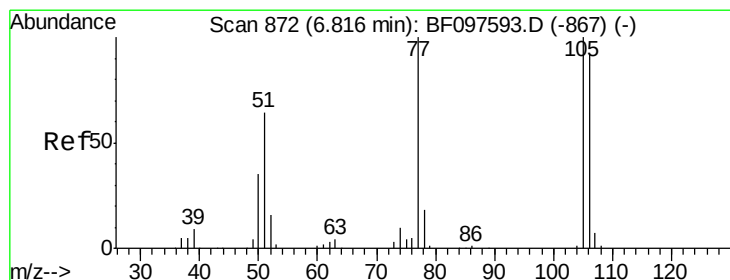
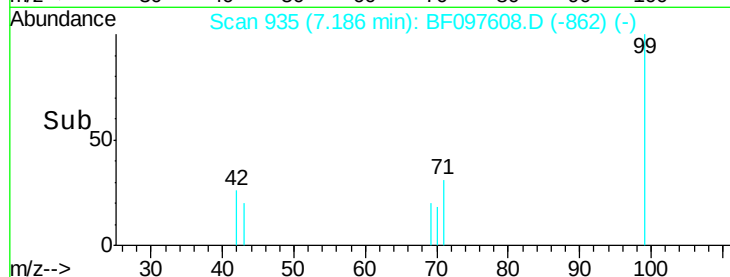
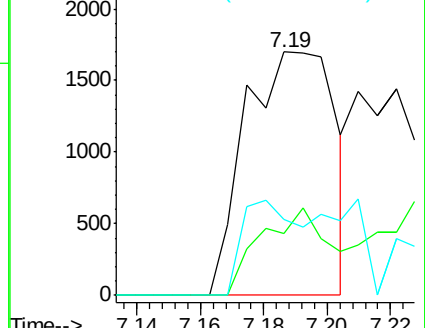
71 31.2 24.5 36.7



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: 6.83 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

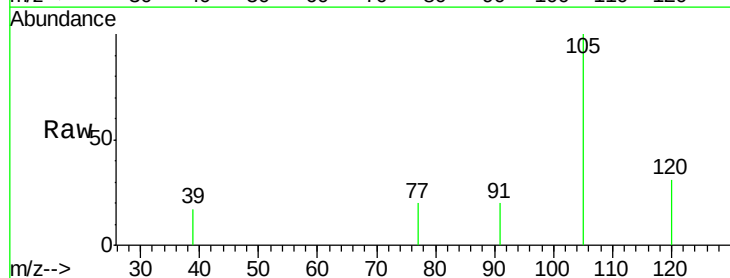
Tgt Ion: 77 Resp: 151

Ion Ratio Lower Upper

77 100

105 489.7 83.8 123.8#

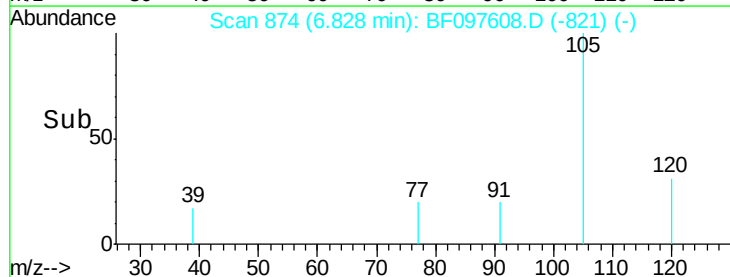
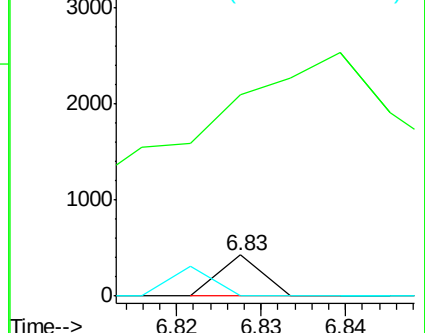
106 0.0 79.1 119.1#

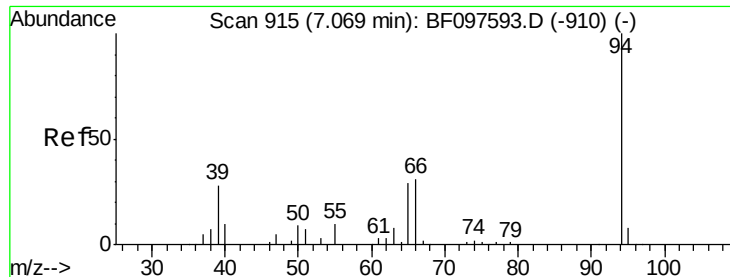


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.02 ng

RT: 7.21 min Scan# 939

Delta R.T. 0.14 min

Lab File: BF097608.D

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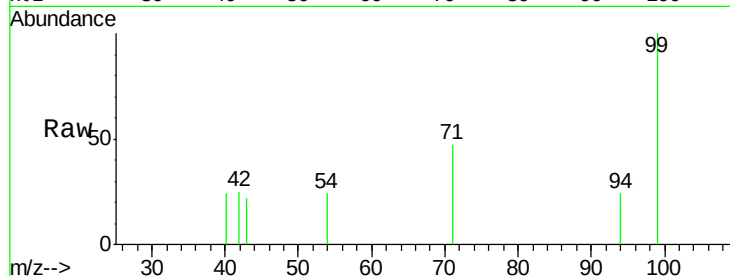
Tot Ion: 94 Resp: 120

Ion Ratio Lower Upper

94 100

65 0.0 9.9 49.9#

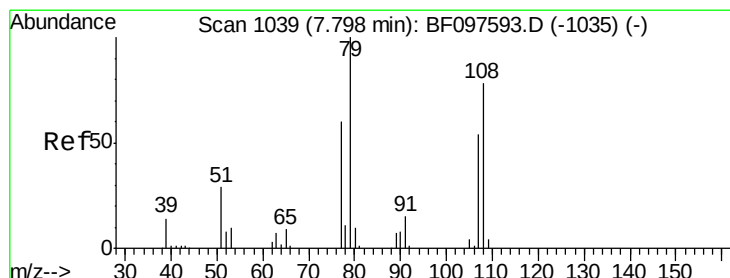
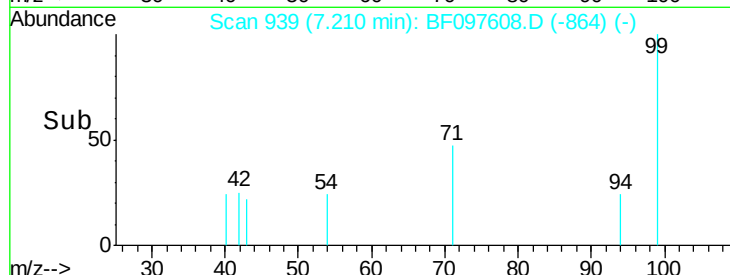
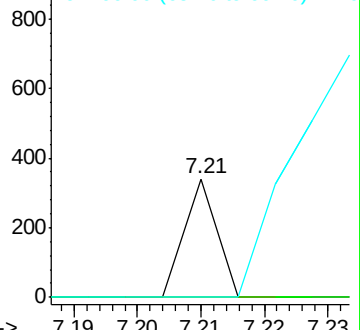
66 0.0 23.1 63.1#



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: 0.02 ng

RT: 7.61 min Scan# 1007

Delta R.T. -0.19 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

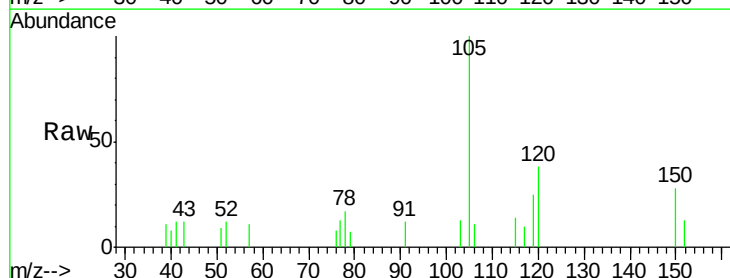
Tgt Ion: 79 Resp: 107

Ion Ratio Lower Upper

79 100

108 0.0 63.4 95.0#

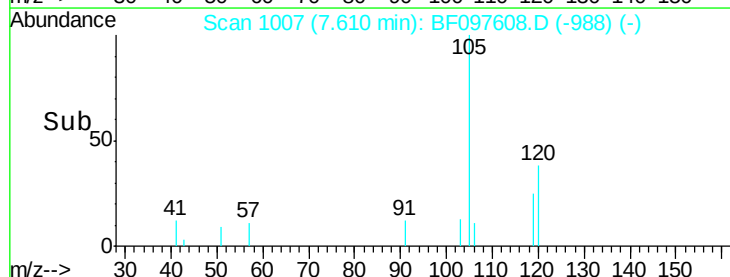
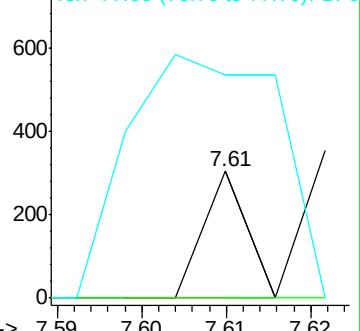
77 175.7 49.2 73.8#

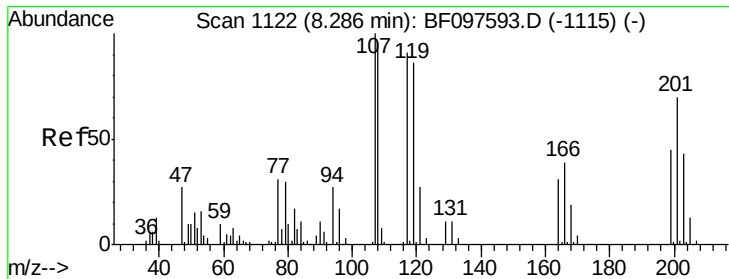


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

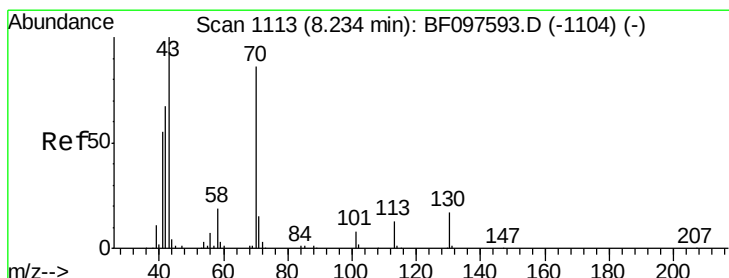
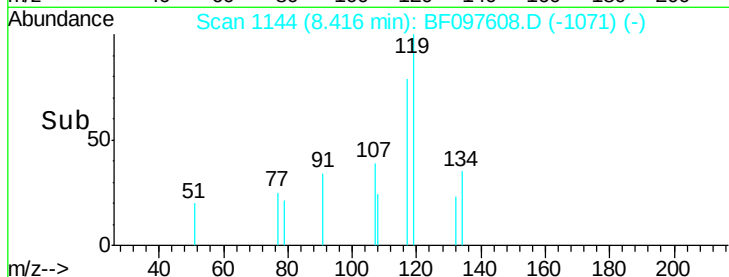
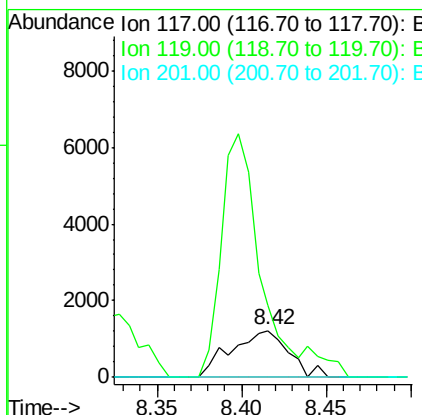
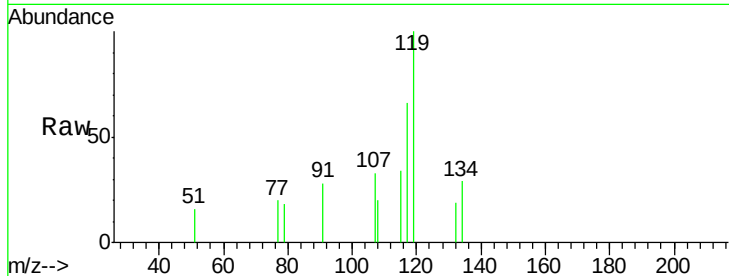




#18
Hexachloroethane
Concen: 1.26 ng
RT: 8.42 min Scan# 1144
Delta R.T. 0.13 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

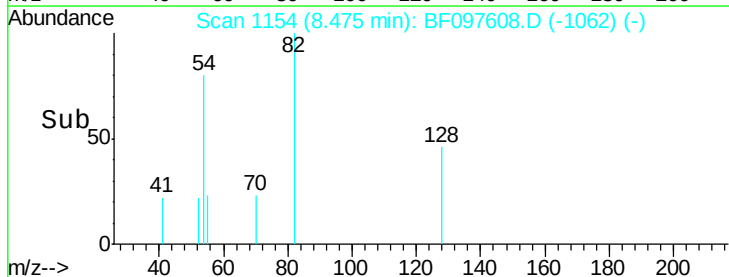
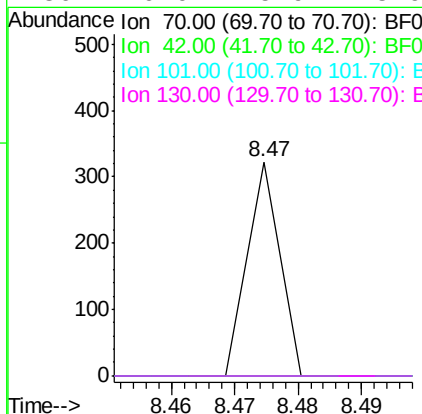
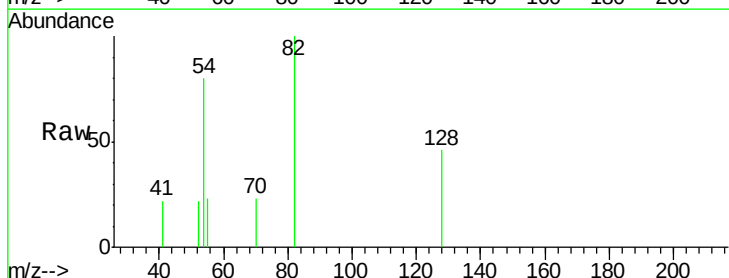
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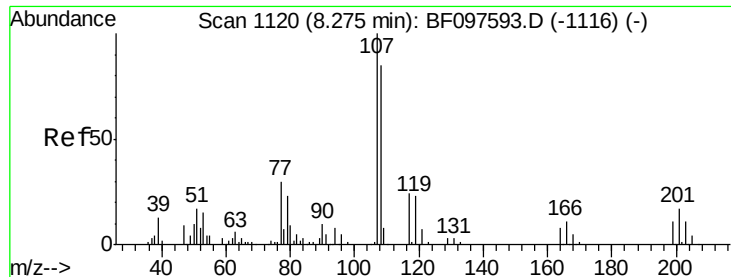
Tot Ion: 117 Resp: 2903
Ion Ratio Lower Upper
117 100
119 152.3 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 0.03 ng
RT: 8.47 min Scan# 1154
Delta R.T. 0.24 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Tgt Ion: 70 Resp: 114
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#





#20

3+4-Methylphenols

Concen: 0.16 ng

RT: 8.42 min Scan# 1144

Delta R.T. 0.14 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

Tot Ion:107 Resp: 922

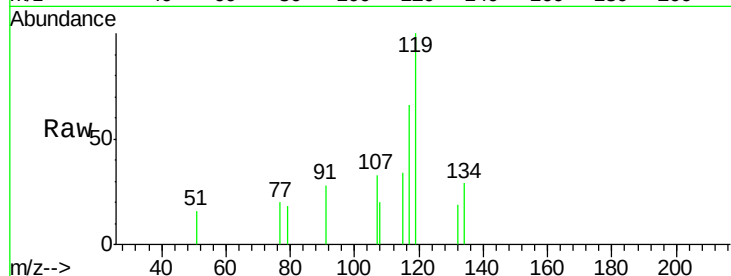
Ion Ratio Lower Upper

107 100

108 60.7 71.0 111.0#

77 62.5 90.5 130.5#

79 54.1 8.4 48.4#

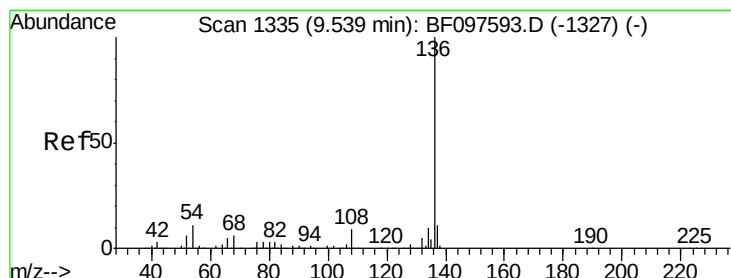
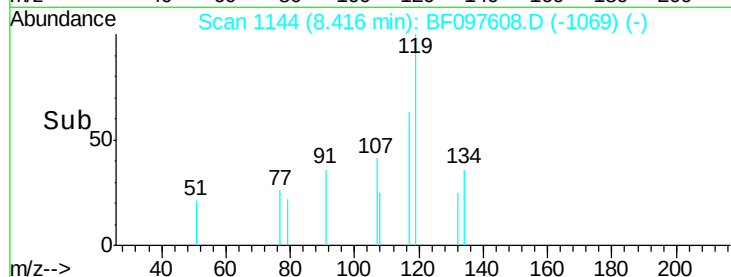
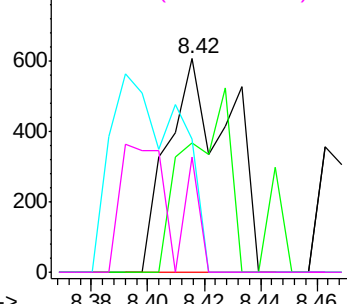


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF097608.D

Acq: 11 Aug 2017 22:24

Tgt Ion:136 Resp: 339027

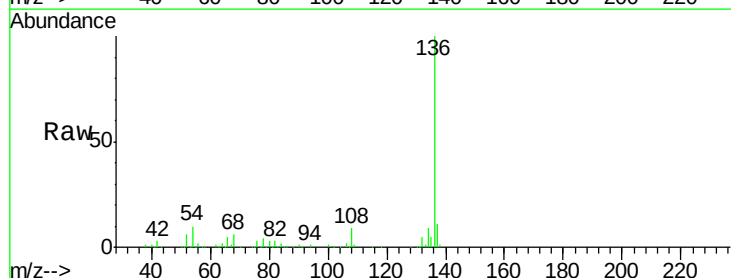
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.0 4.9 7.3#

68 5.7 4.1 6.1

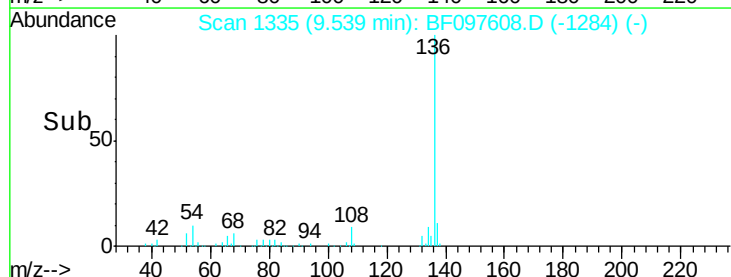
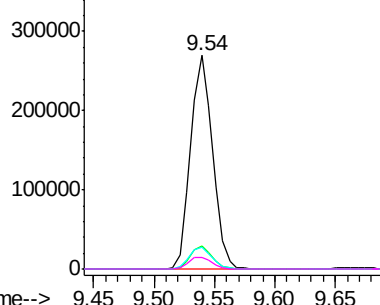


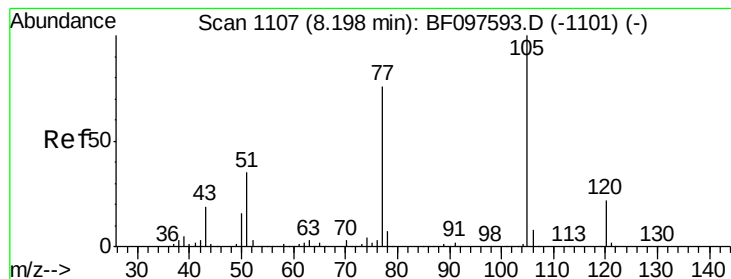
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.02 ng

RT: 8.29 min Scan# 1123

Delta R.T. 0.09 min

Lab File: BF097608.D

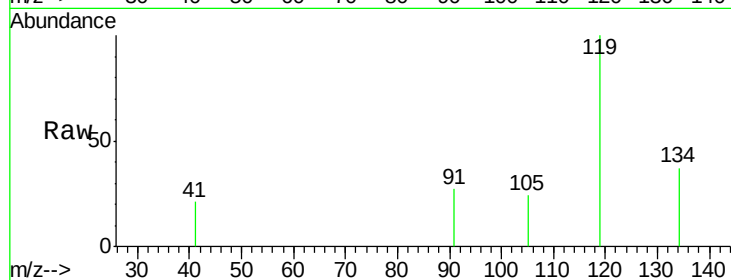
Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B



Tot Ion: 105 Resp: 124

Ion Ratio Lower Upper

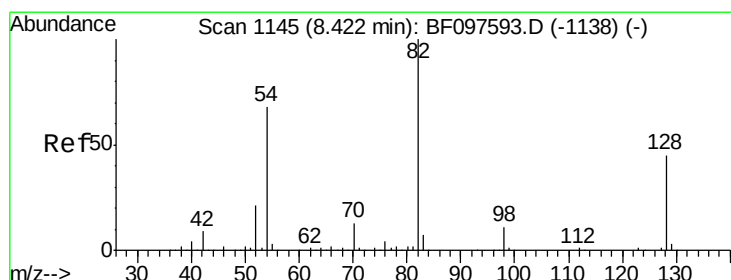
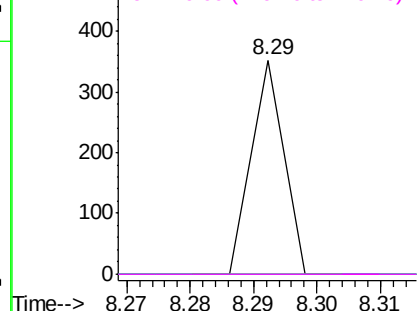
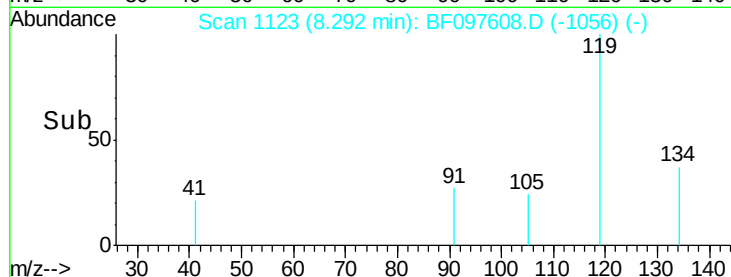
105 100

71 0.0 2.8 4.2#

51 0.0 30.7 46.1#

120 0.0 17.4 26.0#

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: 0.88 ng

RT: 8.49 min Scan# 1156

Delta R.T. 0.06 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

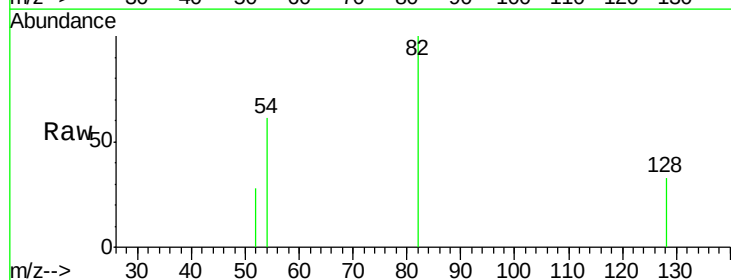
Tgt Ion: 82 Resp: 4736

Ion Ratio Lower Upper

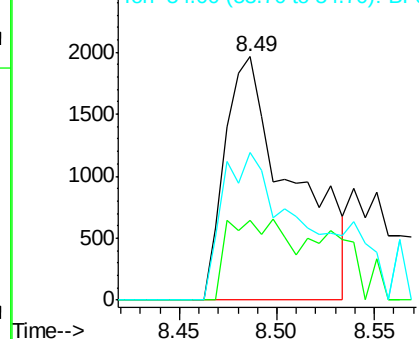
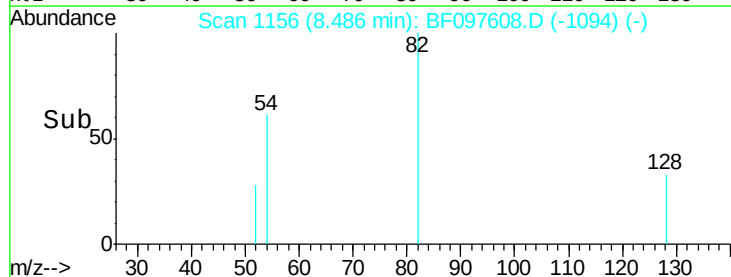
82 100

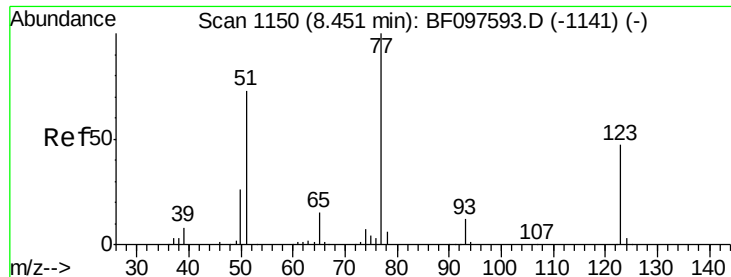
128 32.6 34.0 51.0#

54 60.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

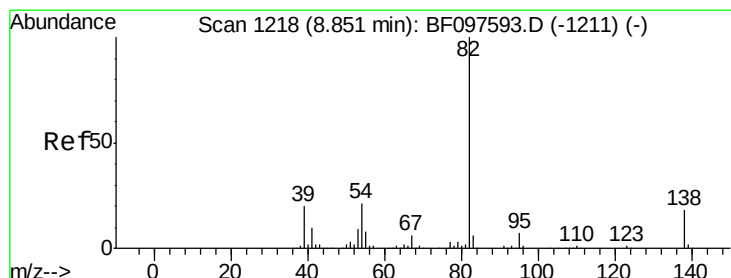
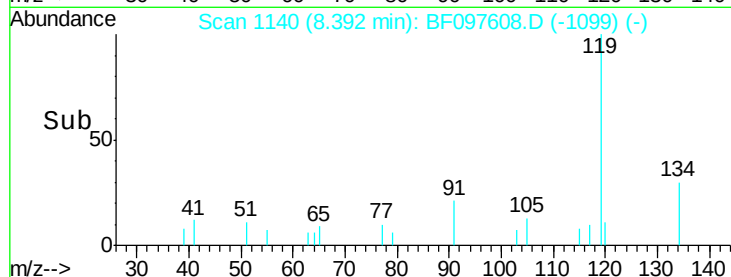
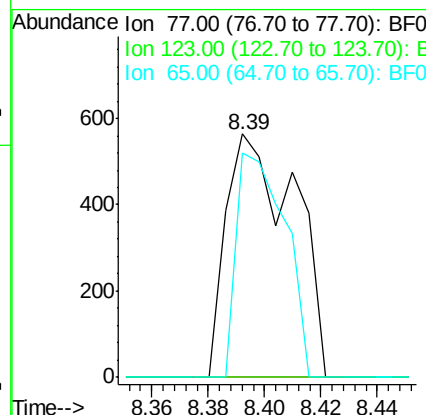
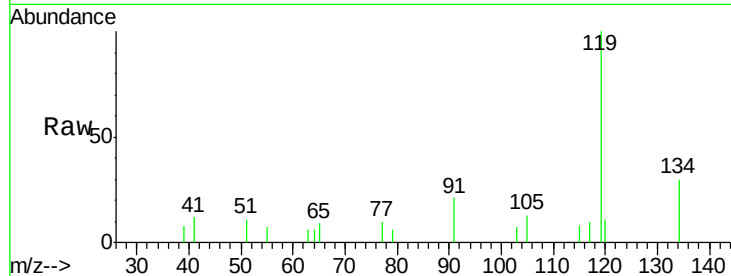




#24
 Nitrobenzene
 Concen: 0.16 ng
 RT: 8.39 min Scan# 1140
 Delta R.T. -0.06 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

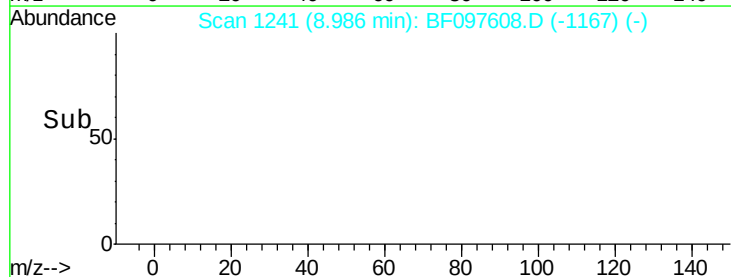
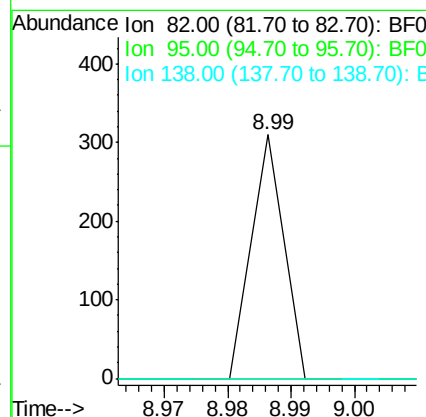
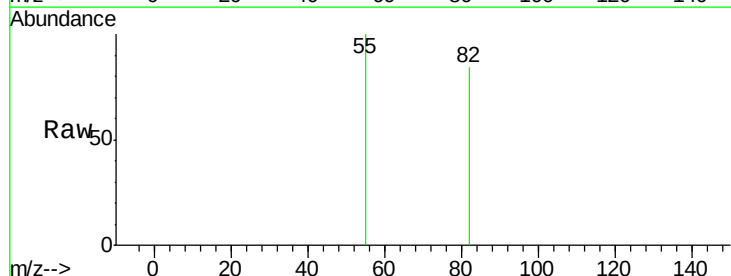
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

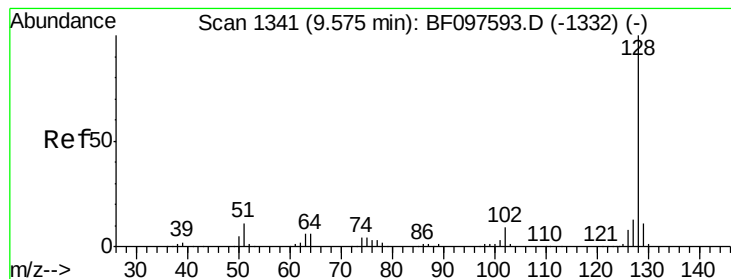
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	92.2	10.6	15.8#



#25
 Isophorone
 Concen: 0.01 ng
 RT: 8.99 min Scan# 1241
 Delta R.T. 0.14 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#31

Naphthalene

Concen: 133.01 ng

RT: 9.58 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

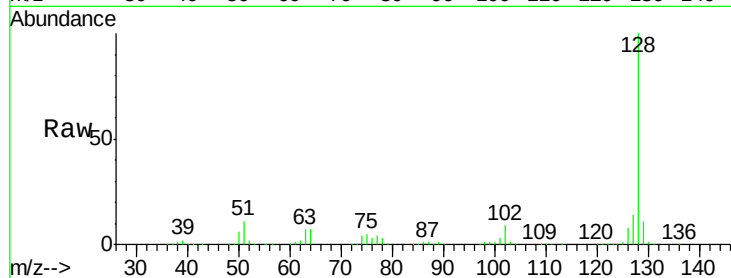
Tot Ion:128 Resp: 2258681

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

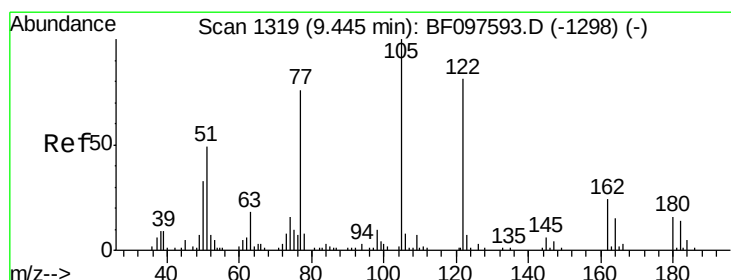
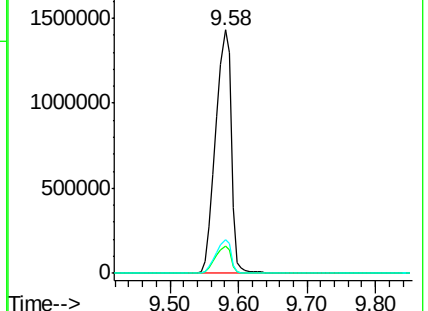
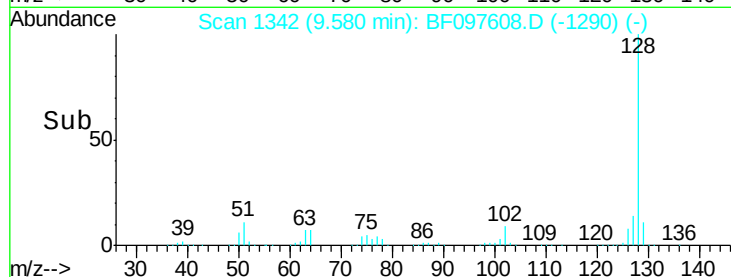
127 14.0 10.8 16.2



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: 1.93 ng

RT: 9.58 min Scan# 1342

Delta R.T. 0.14 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

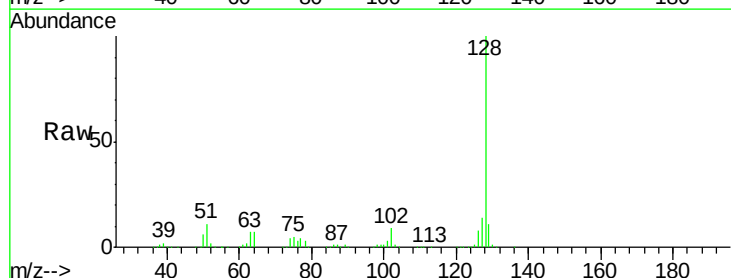
Tgt Ion:122 Resp: 5181

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

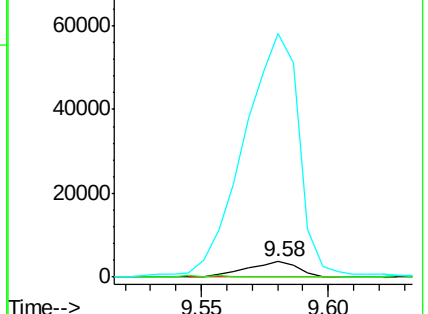
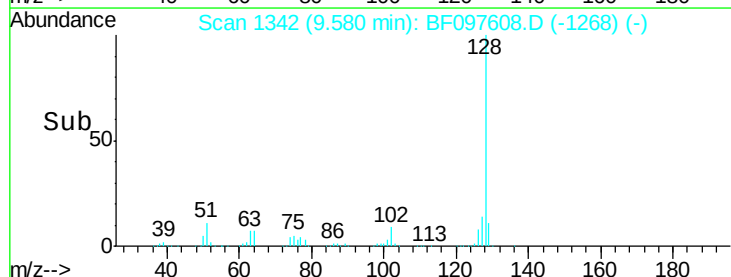
77 1587.8 73.7 113.7#

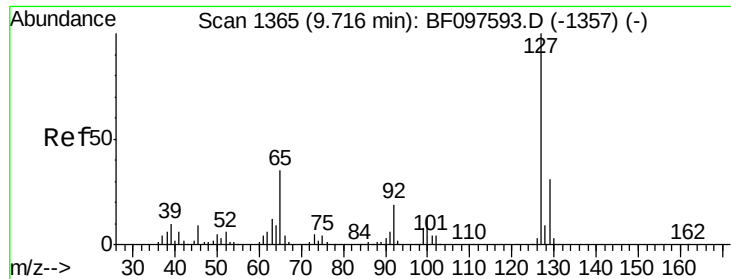


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

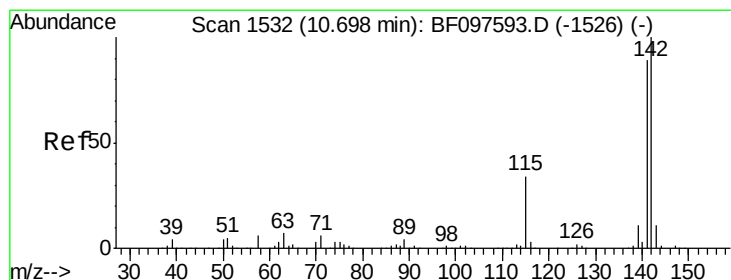
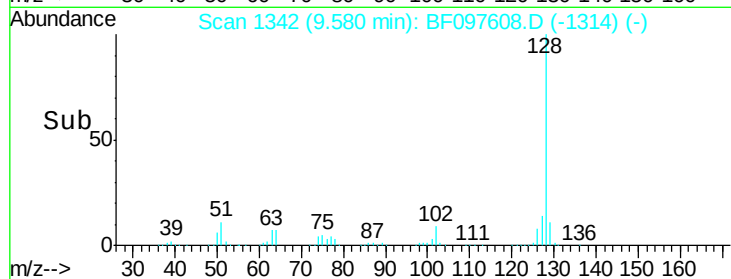
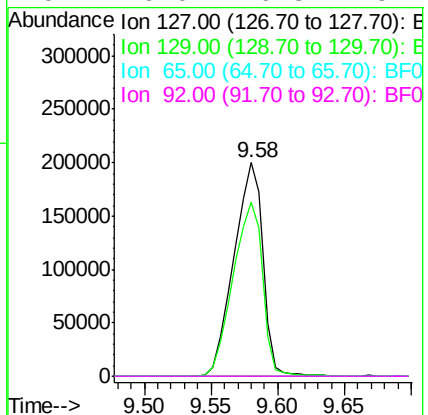
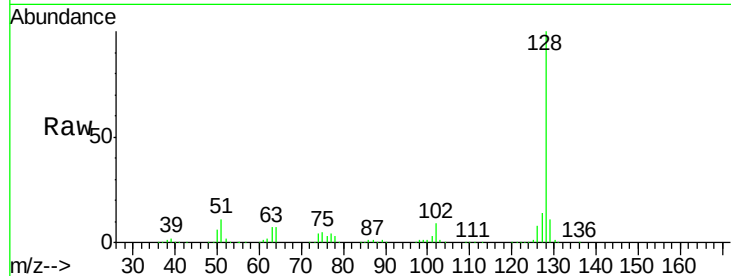




#33
4-Chloroaniline
Concen: 43.10 ng
RT: 9.58 min Scan# 1342
Delta R.T. -0.14 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

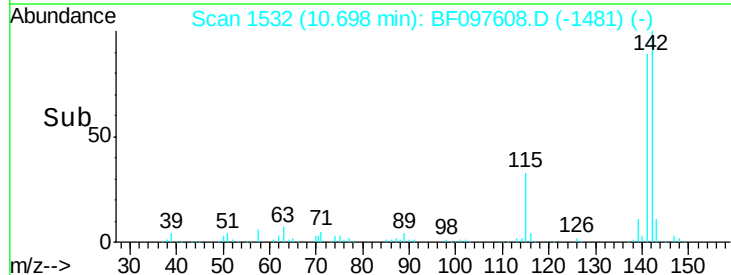
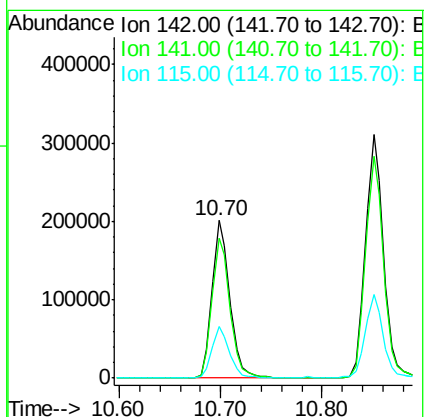
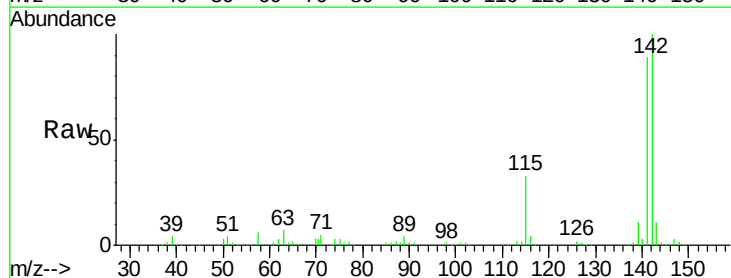
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-3B

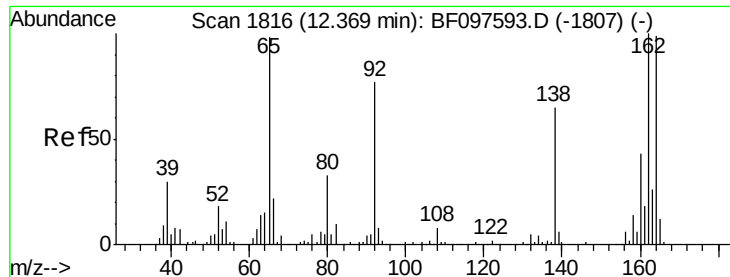
Tot Ion:	127	Resp:	303166
Ion	Ratio	Lower	Upper
127	100		
129	81.5	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#37
2-Methylnaphthalene
Concen: 22.98 ng
RT: 10.70 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Tgt Ion:	142	Resp:	245580
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	32.9	27.1	40.7

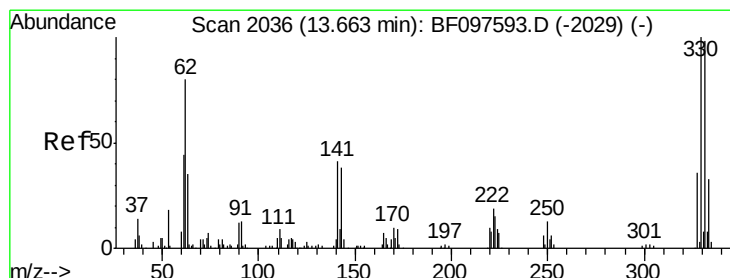
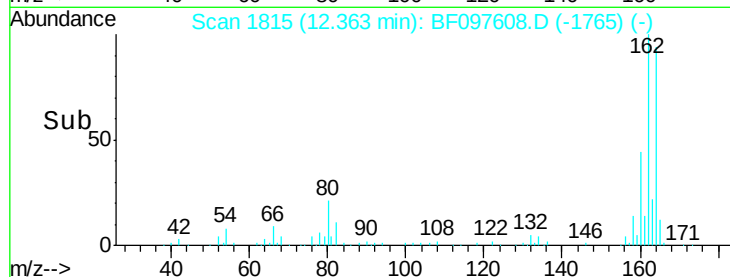
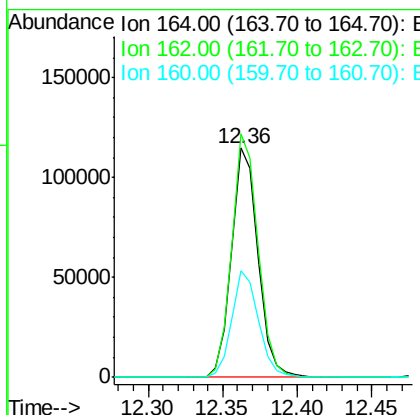
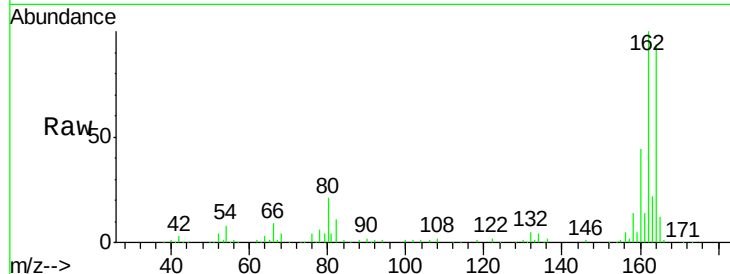




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

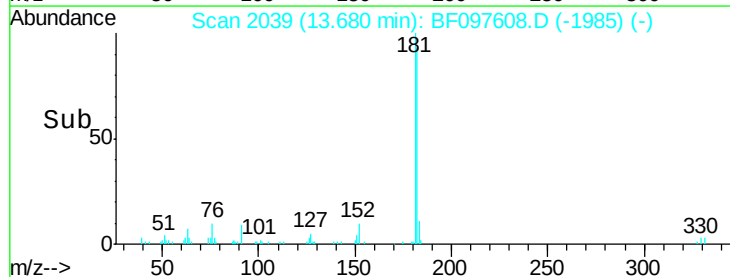
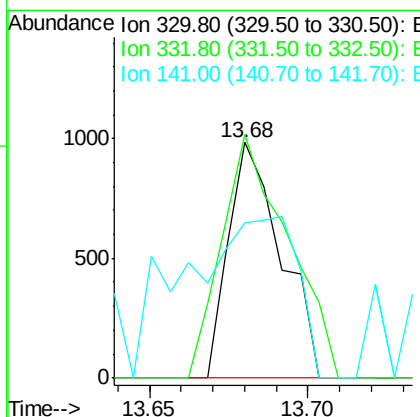
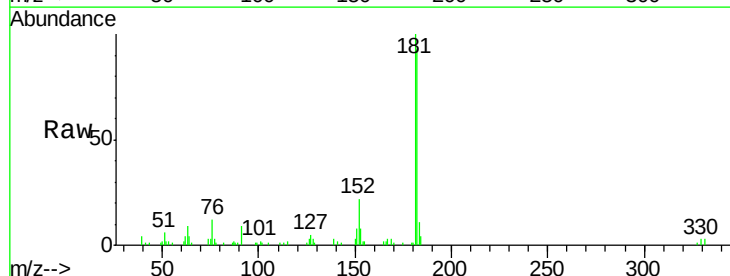
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

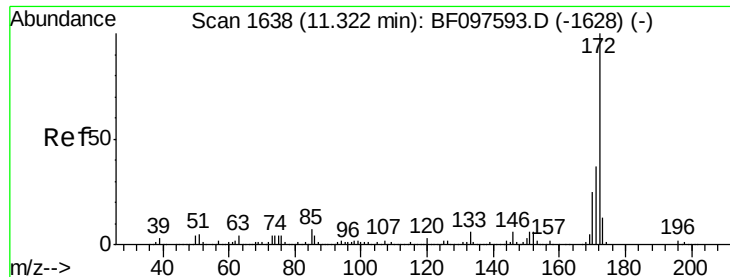
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.6	123.8
160	46.6	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 1.03 ng
 RT: 13.68 min Scan# 2039
 Delta R.T. 0.02 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	131.2	76.6	115.0#
141	148.4	31.4	47.2#

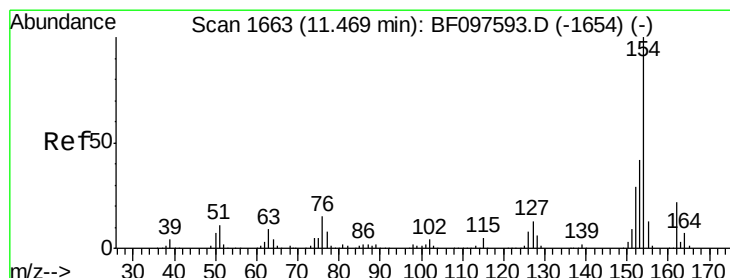
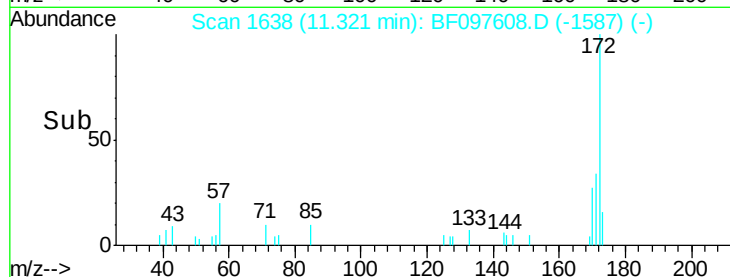
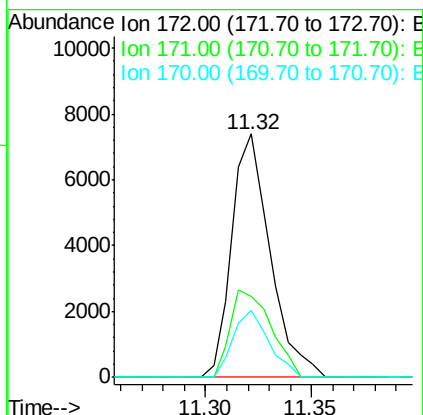
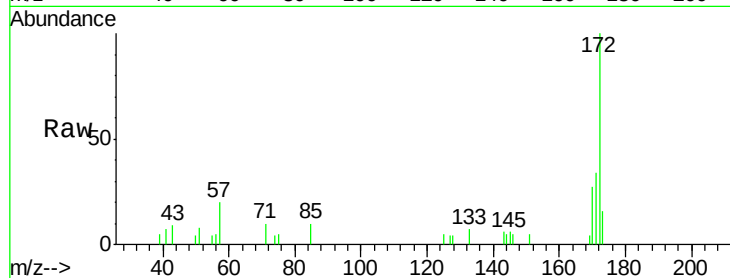




#44
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 11.32 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

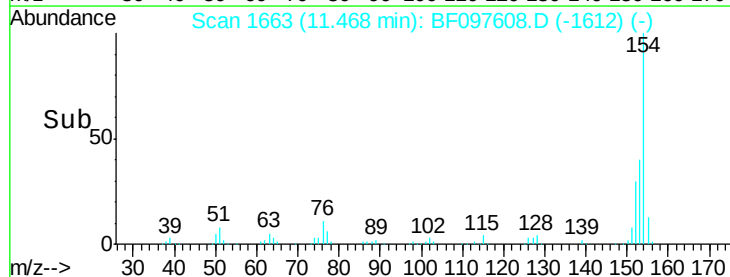
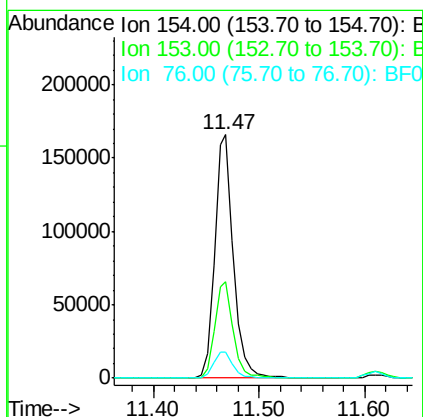
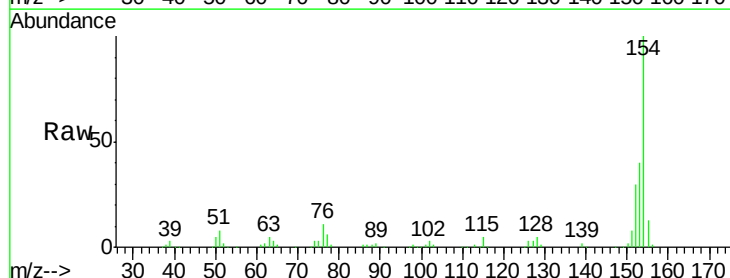
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-3B

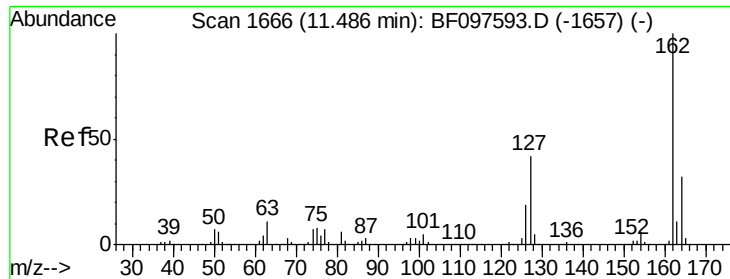
Tot Ion:172 Resp: 9301
Ion Ratio Lower Upper
172 100
171 33.5 29.6 44.4
170 27.4 19.8 29.8



#45
1,1'-Biphenyl
Concen: 16.68 ng
RT: 11.47 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Tgt Ion:154 Resp: 205688
Ion Ratio Lower Upper
154 100
153 39.7 21.2 61.2
76 10.5 0.0 29.9

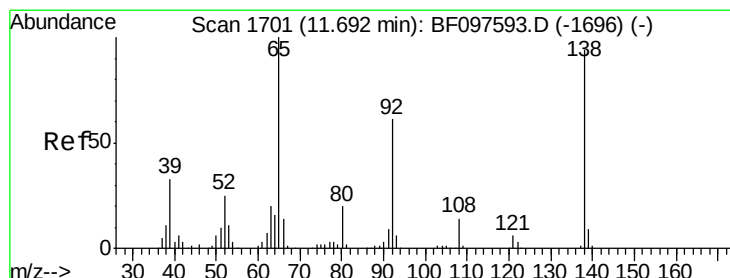
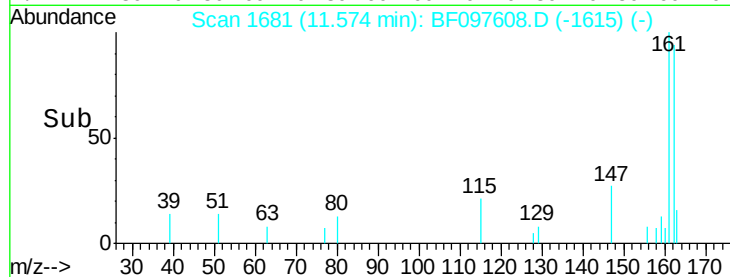
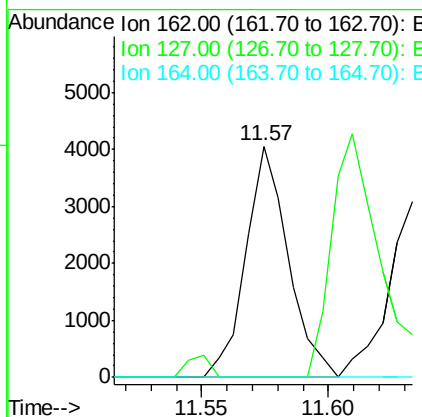
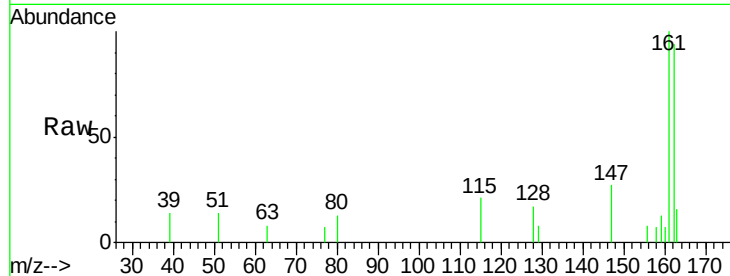




#46
 2-Chloronaphthalene
 Concen: 0.50 ng
 RT: 11.57 min Scan# 1681
 Delta R.T. 0.09 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

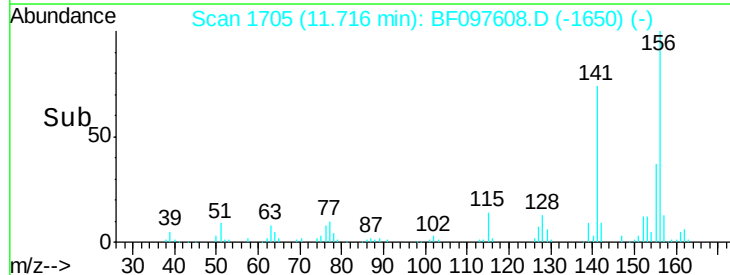
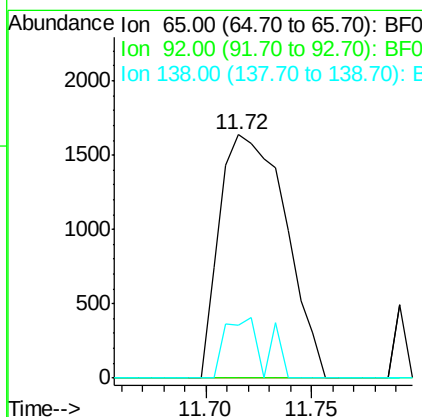
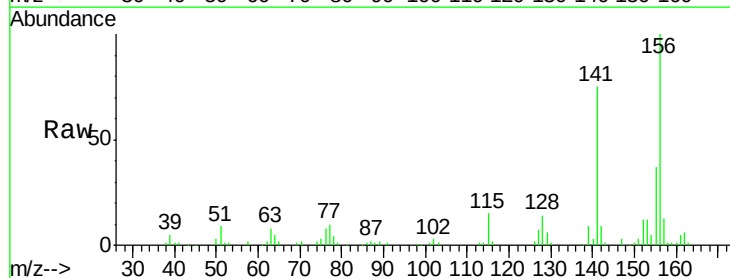
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

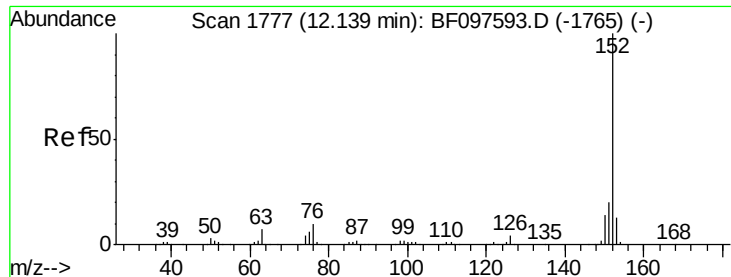
Tot Ion:162 Resp: 4749
 Ion Ratio Lower Upper
 162 100
 127 0.0 28.3 42.5#
 164 0.0 27.0 40.4#



#47
 2-Nitroaniline
 Concen: 0.96 ng
 RT: 11.72 min Scan# 1705
 Delta R.T. 0.02 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion: 65 Resp: 3562
 Ion Ratio Lower Upper
 65 100
 92 0.0 53.9 80.9#
 138 21.7 78.8 118.2#





#48

Acenaphthylene

Concen: 7.85 ng

RT: 12.13 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

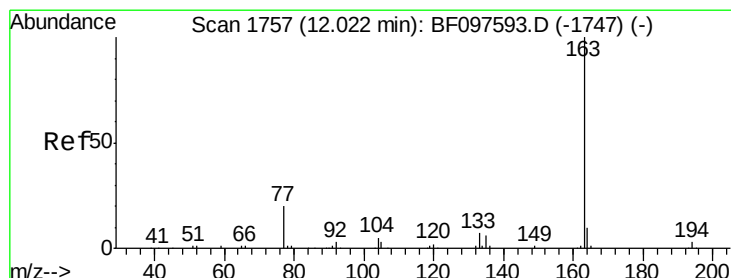
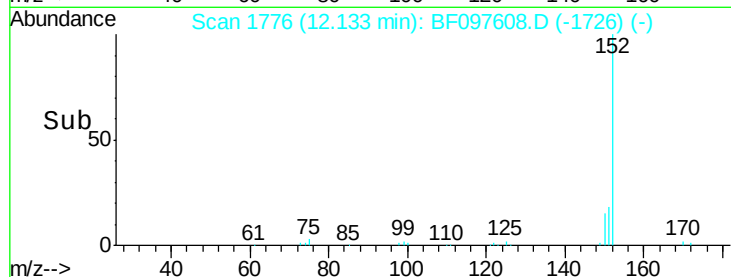
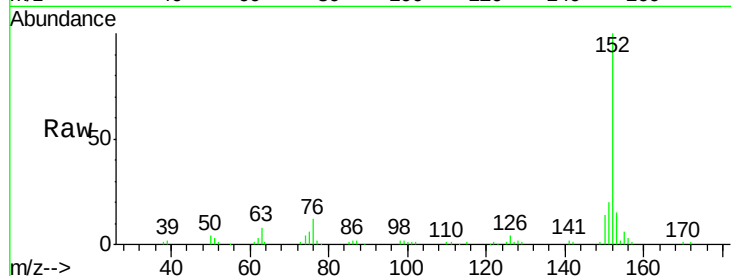
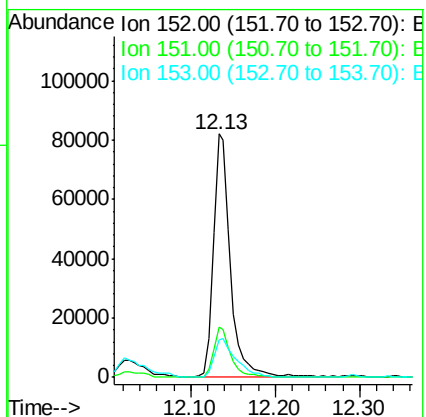
BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

Tot Ion:152 Resp: 118160

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	15.3	10.8	16.2



#49

Dimethylphthalate

Concen: 0.25 ng

RT: 12.02 min Scan# 1756

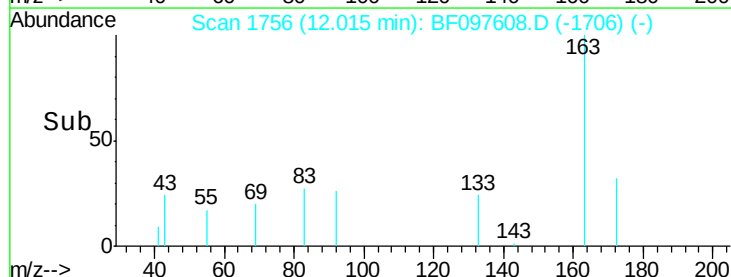
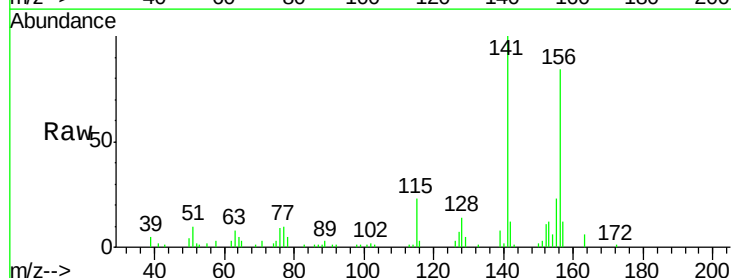
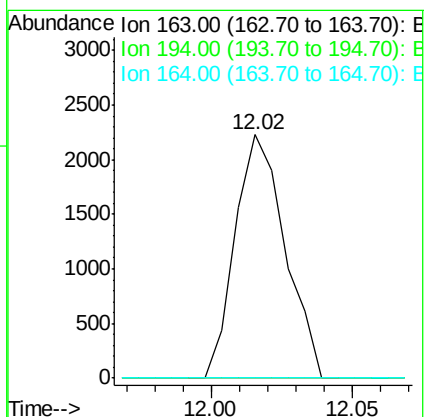
Delta R.T. -0.01 min

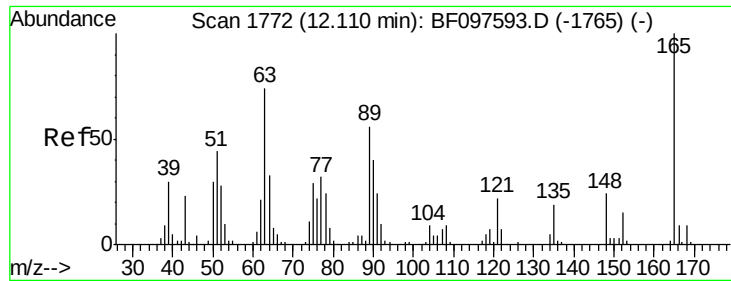
Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Tgt Ion:163 Resp: 2735

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	0.0	8.4	12.6#

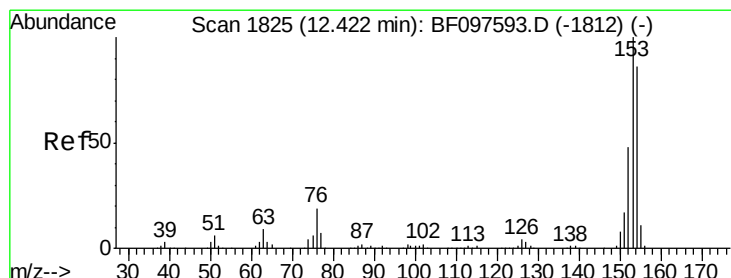
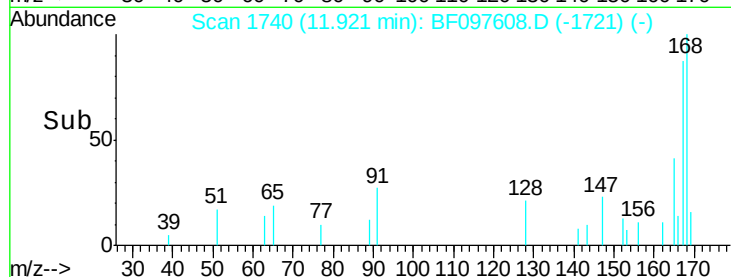
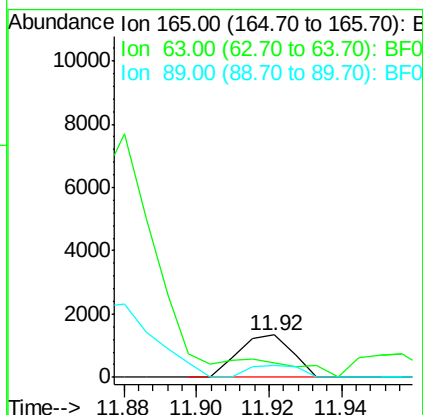
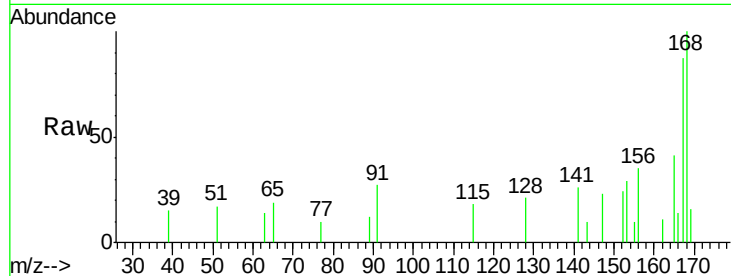




#50
 2,6-Dinitrotoluene
 Concen: 0.60 ng
 RT: 11.92 min Scan# 1740
 Delta R.T. -0.19 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

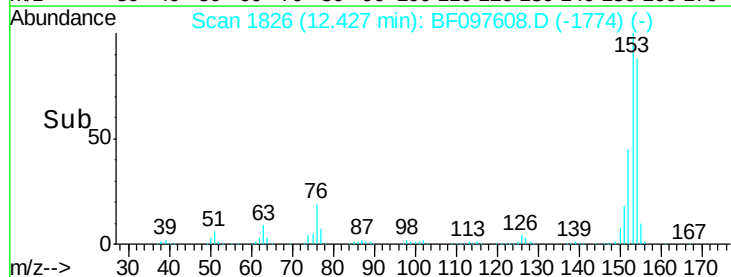
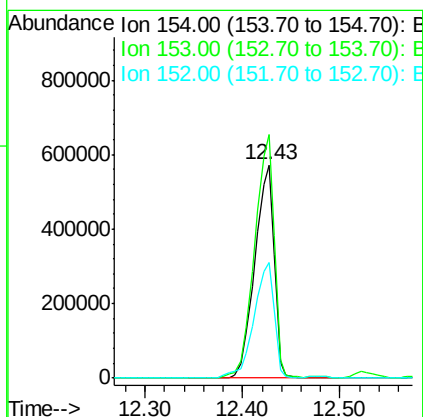
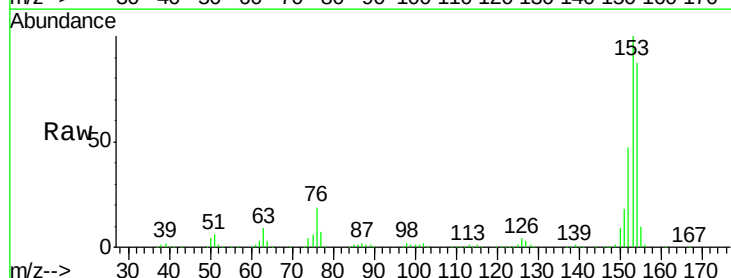
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

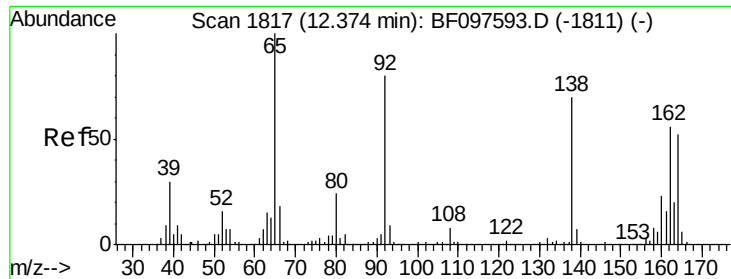
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.6	34.3	51.5#
89	29.5	37.1	55.7#



#51
 Acenaphthene
 Concen: 89.86 ng
 RT: 12.43 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.5	135.7
152	54.2	43.6	65.4

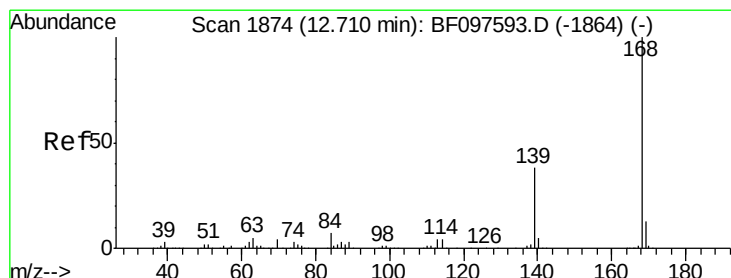
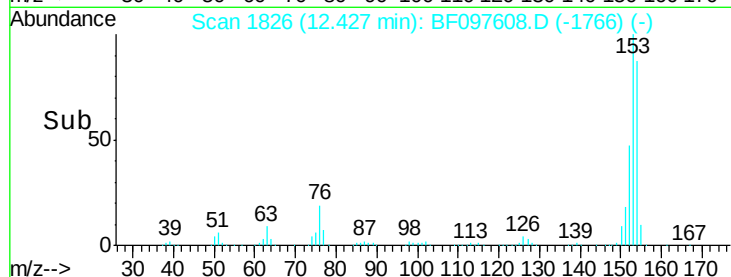
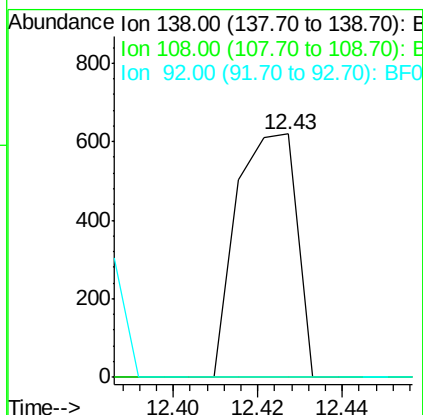
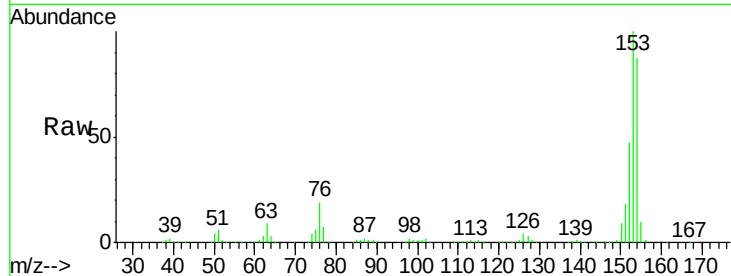




#52
 3-Nitroaniline
 Concen: 0.20 ng
 RT: 12.43 min Scan# 1826
 Delta R.T. 0.05 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

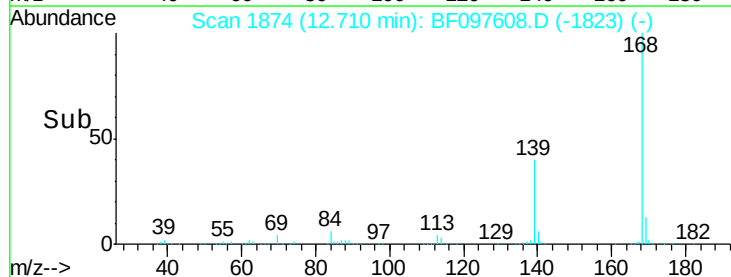
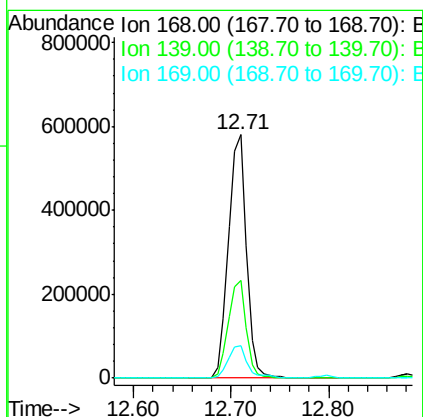
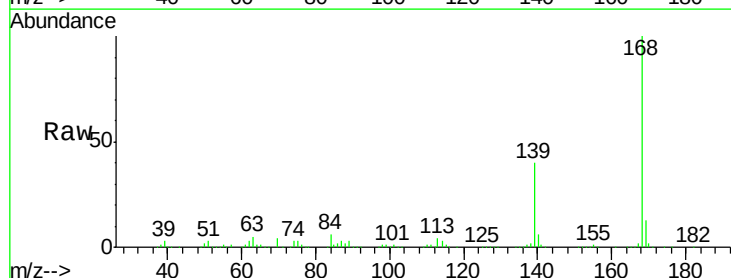
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

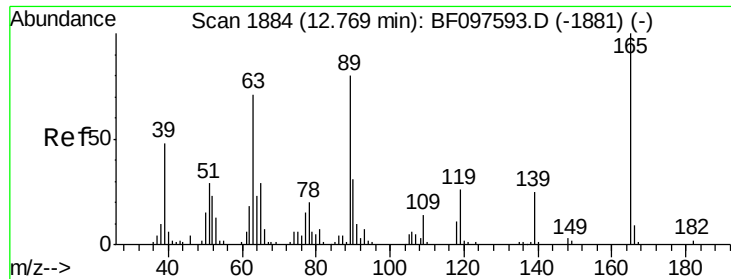
Tot Ion:138 Resp: 612
 Ion Ratio Lower Upper
 138 100
 108 0.0 9.1 13.7#
 92 0.0 93.8 140.6#



#54
 Dibenzofuran
 Concen: 59.26 ng
 RT: 12.71 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion:168 Resp: 748418
 Ion Ratio Lower Upper
 168 100
 139 39.9 30.6 45.8
 169 13.5 10.8 16.2

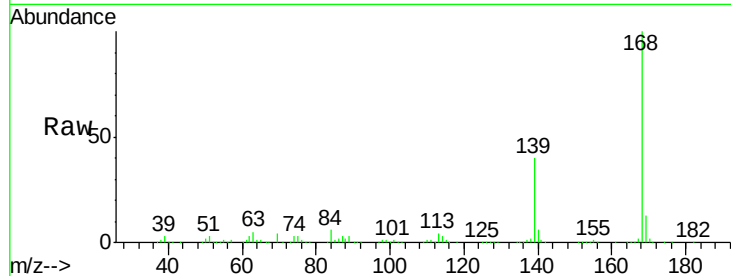




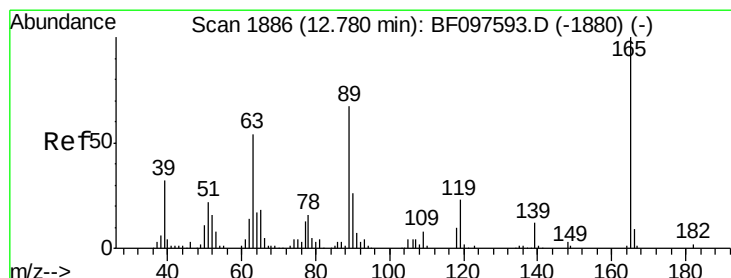
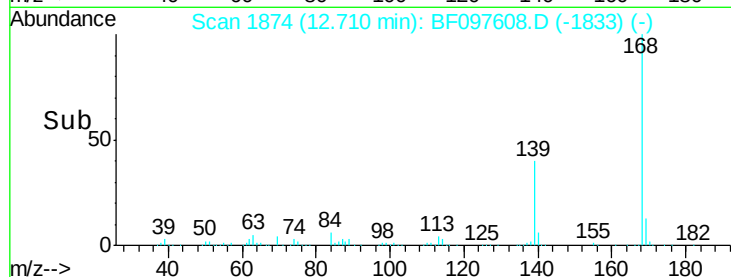
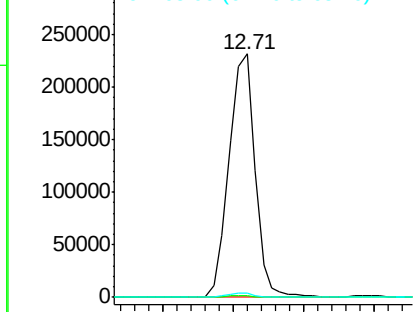
#55
4-Nitrophenol
Concen: 261.72 ng
RT: 12.71 min Scan# 1874
Delta R.T. -0.06 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-3B

Tot Ion:139 Resp: 298572
Ion Ratio Lower Upper
139 100
109 0.8 34.1 74.1#
65 1.7 31.4 71.4#

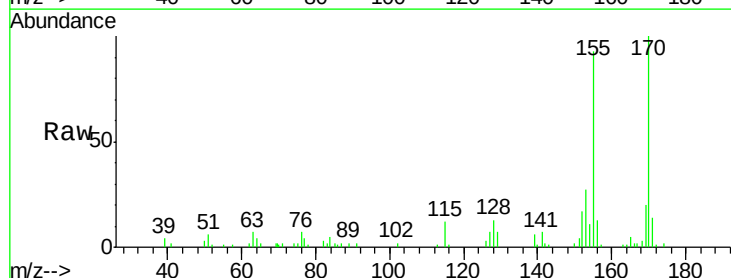


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

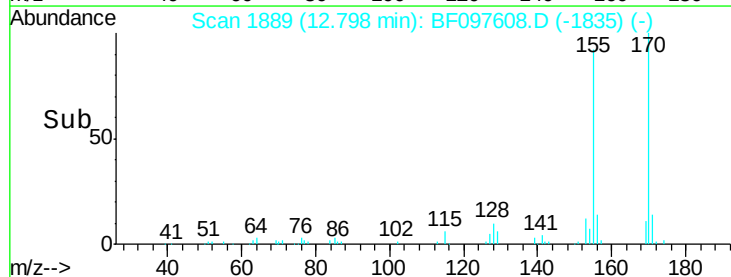
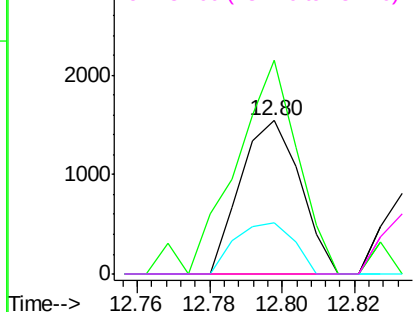


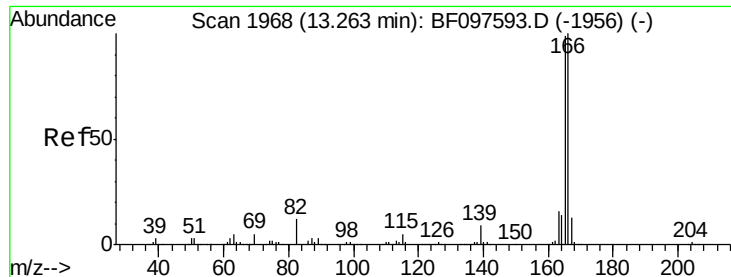
#56
2,4-Dinitrotoluene
Concen: 0.58 ng
RT: 12.80 min Scan# 1889
Delta R.T. 0.02 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Tgt Ion:165 Resp: 1778
Ion Ratio Lower Upper
165 100
63 139.1 25.4 38.0#
89 33.5 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: 61.95 ng

RT: 13.26 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

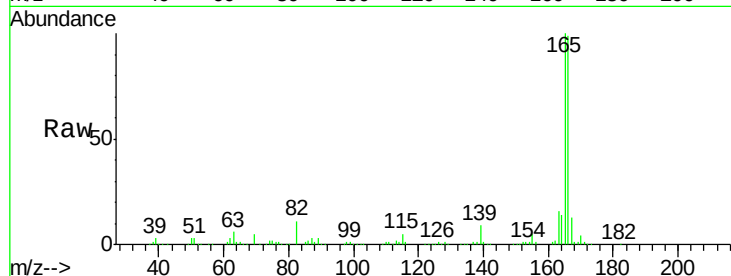
Tot Ion:166 Resp: 643497

Ion Ratio Lower Upper

166 100

165 100.9 78.8 118.2

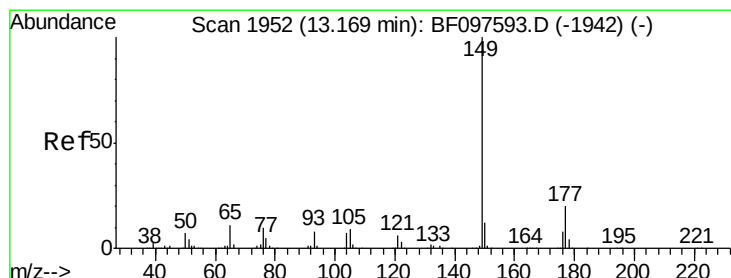
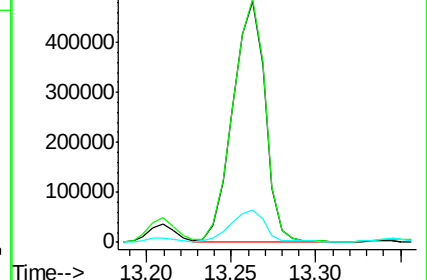
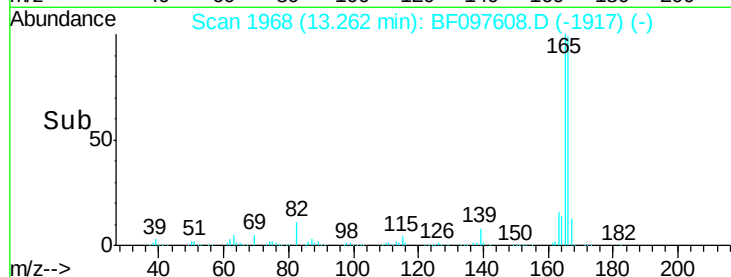
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.01 ng

RT: 13.26 min Scan# 1968

Delta R.T. 0.09 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

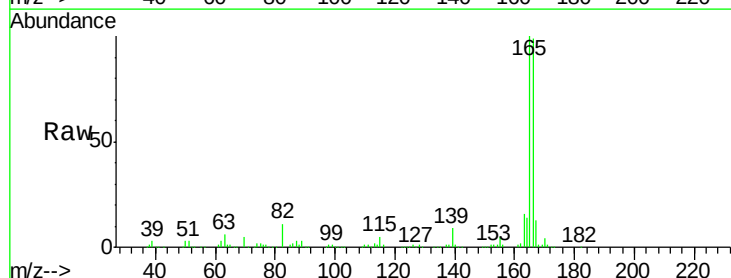
Tgt Ion:149 Resp: 112

Ion Ratio Lower Upper

149 100

177 0.0 16.7 25.1#

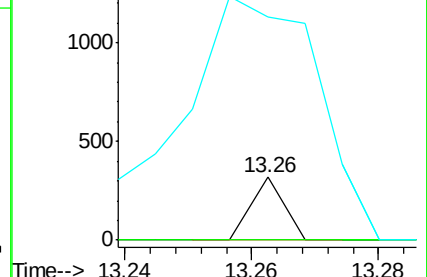
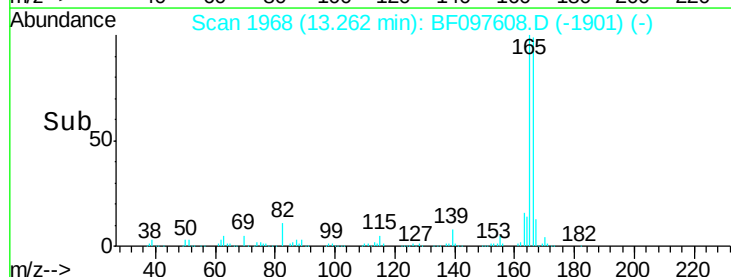
150 356.2 10.2 15.2#

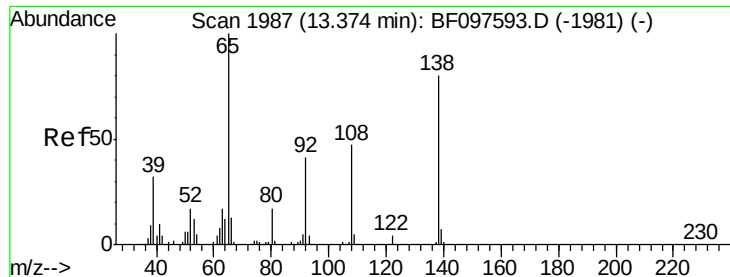


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Nitroaniline

Concen: 0.22 ng

RT: 13.43 min Scan# 1997

Delta R.T. 0.06 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

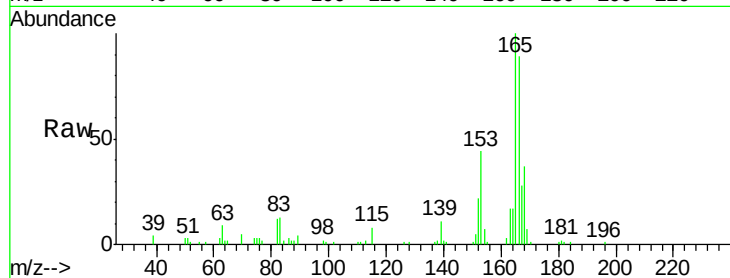
Tot Ion:138 Resp: 638

Ion Ratio Lower Upper

138 100

92 0.0 21.8 61.8#

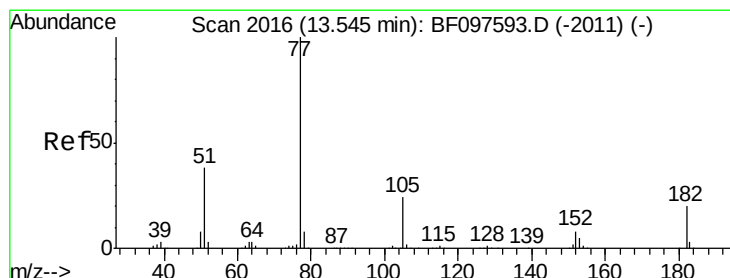
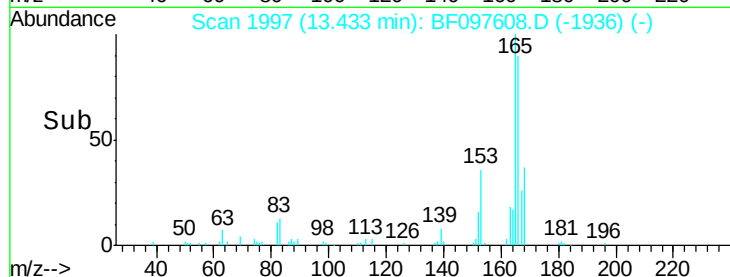
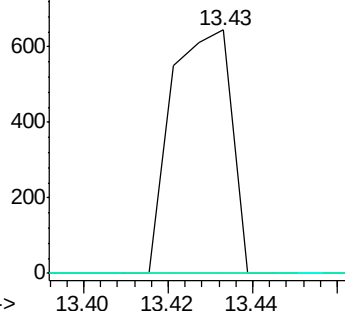
108 0.0 42.3 82.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.58 ng

RT: 13.53 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Tgt Ion: 77 Resp: 6009

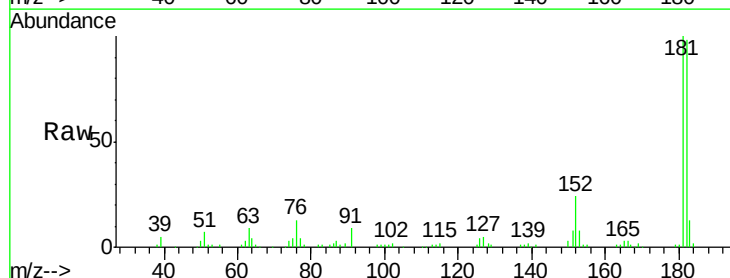
Ion Ratio Lower Upper

77 100

182 2498.9 0.1 40.1#

105 8.5 3.6 43.6

51 175.0 9.4 49.4#

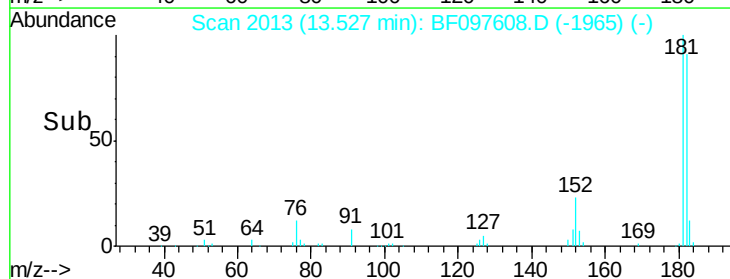
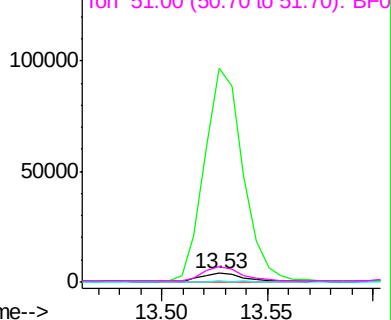


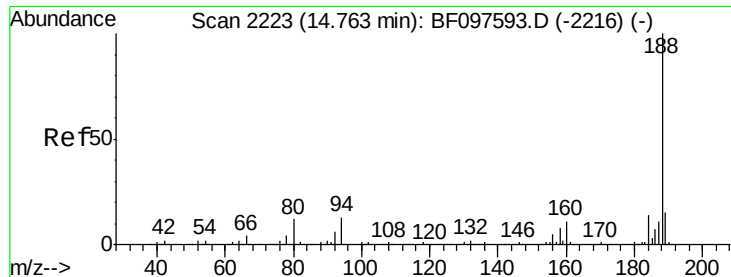
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

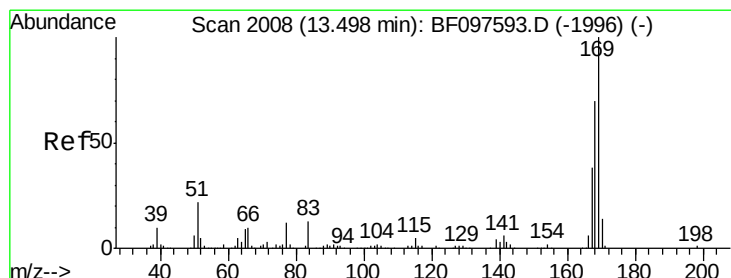
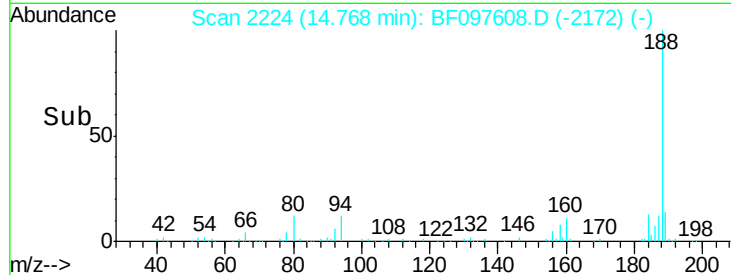
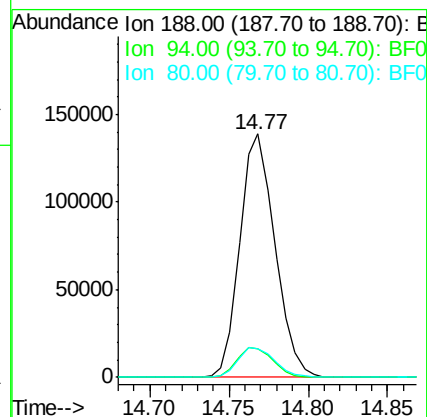
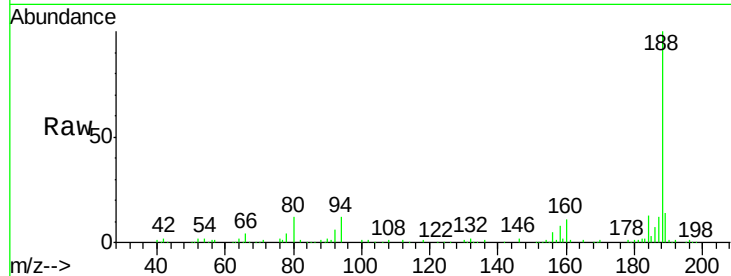




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2224
 Delta R.T. 0.01 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

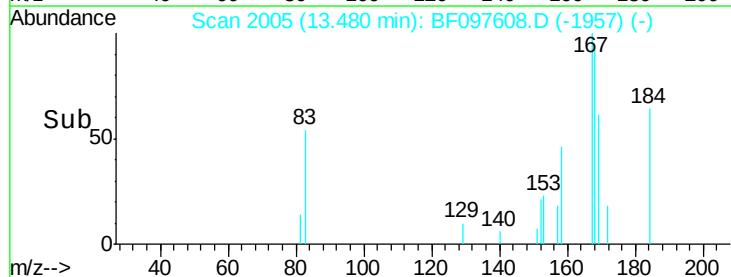
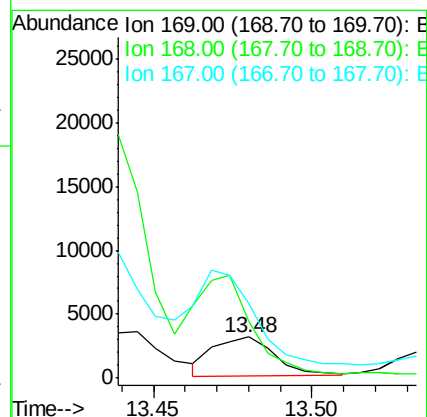
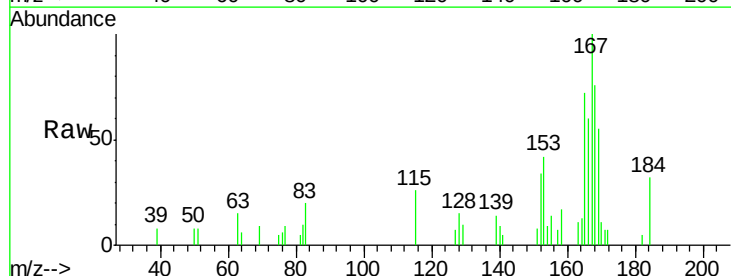
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

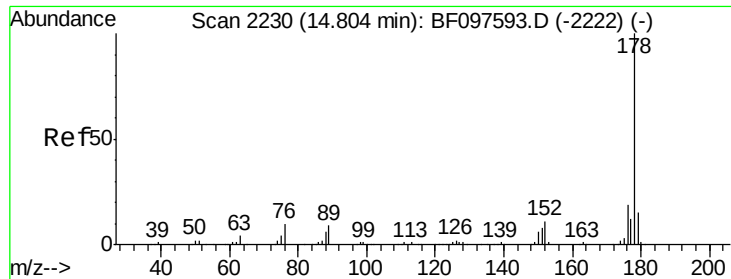
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.7	10.2	15.2



#65
 n-Nitrosodiphenylamine
 Concen: 0.52 ng
 RT: 13.48 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	139.4	53.2	79.8#
167	183.3	29.5	44.3#

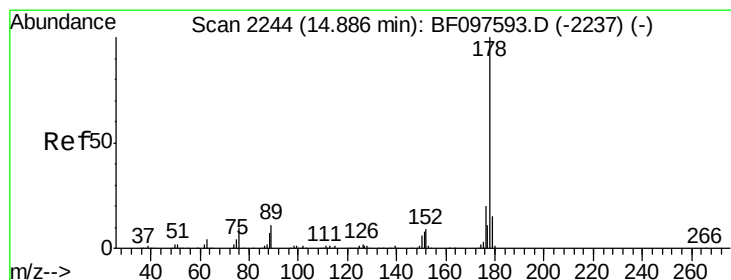
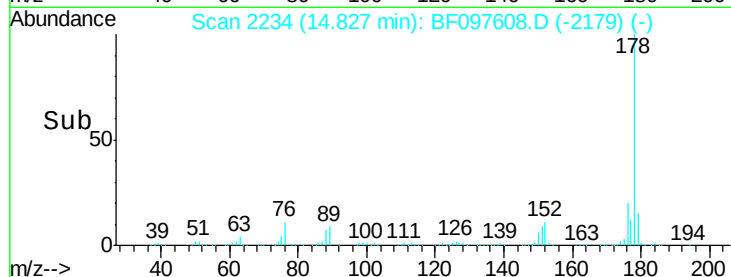
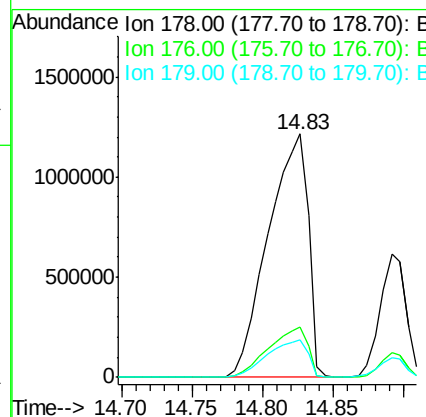
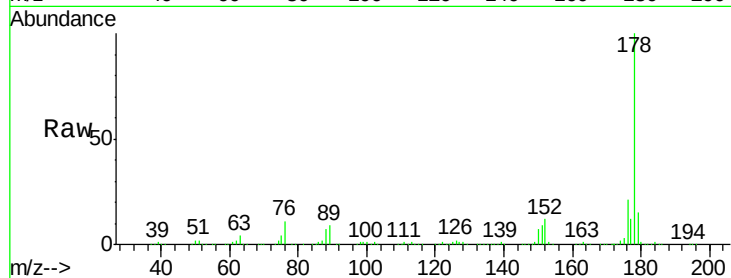




#70
 Phenanthrene
 Concen: 195.76 ng
 RT: 14.83 min Scan# 2234
 Delta R.T. 0.02 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

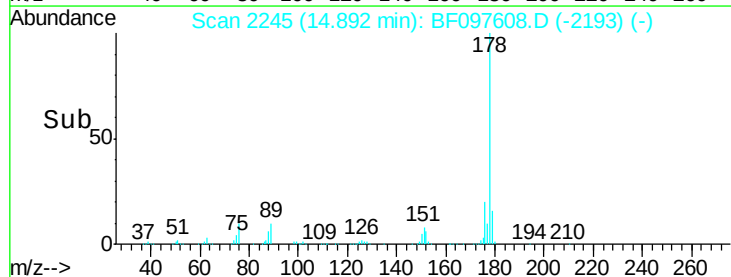
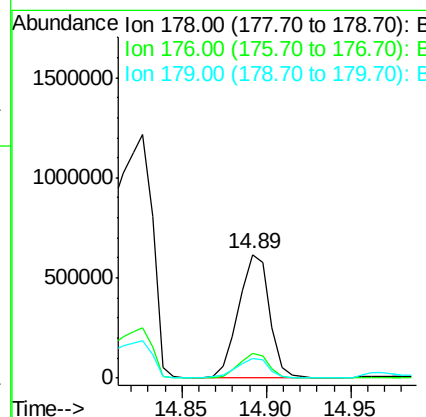
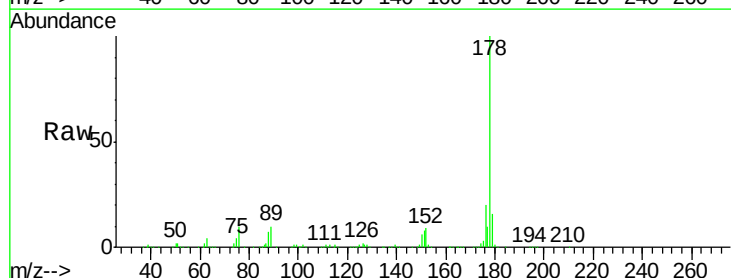
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

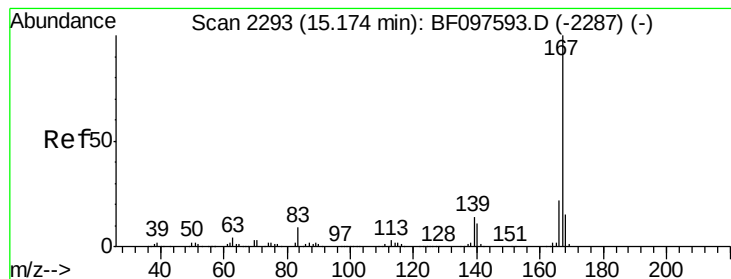
Tot Ion:178 Resp: 2401965
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 15.4 12.6 19.0



#71
 Anthracene
 Concen: 62.68 ng
 RT: 14.89 min Scan# 2245
 Delta R.T. 0.01 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion:178 Resp: 786875
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 12.7 19.1





#72

Carbazole

Concen: 15.46 ng

RT: 15.18 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

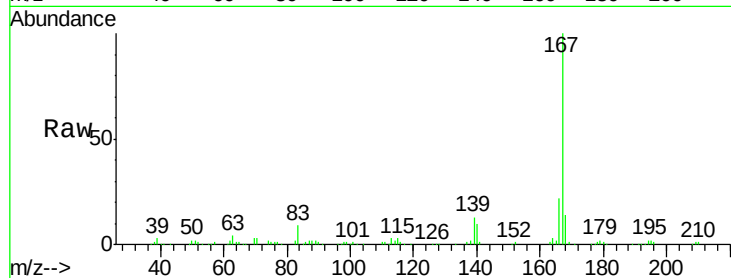
Tot Ion:167 Resp: 184775

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

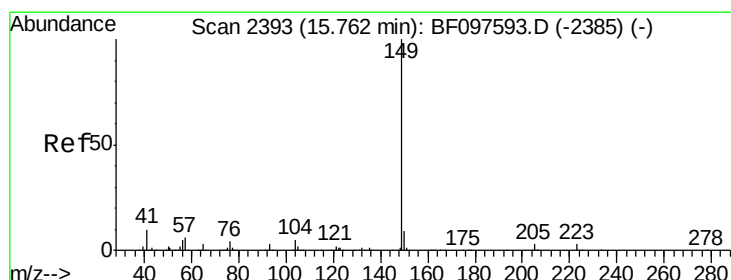
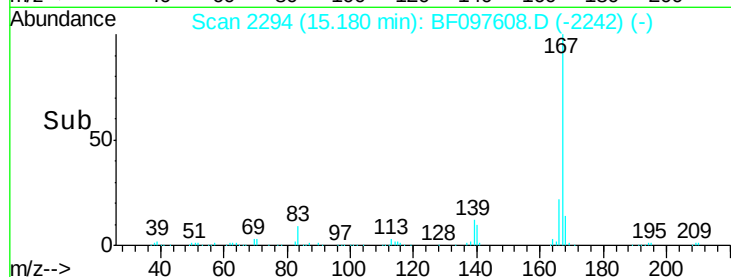
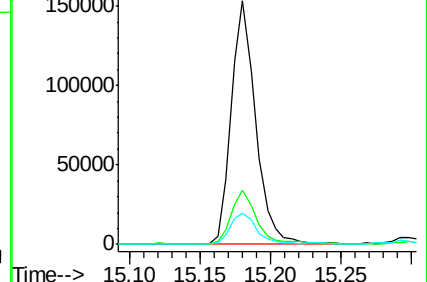
139 12.7 11.7 17.5



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: 0.05 ng

RT: 15.76 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

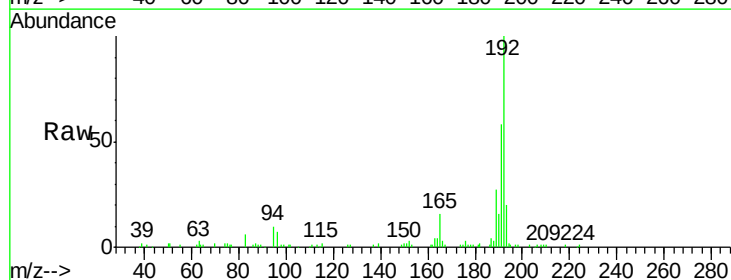
Tgt Ion:149 Resp: 695

Ion Ratio Lower Upper

149 100

150 225.3 7.7 11.5#

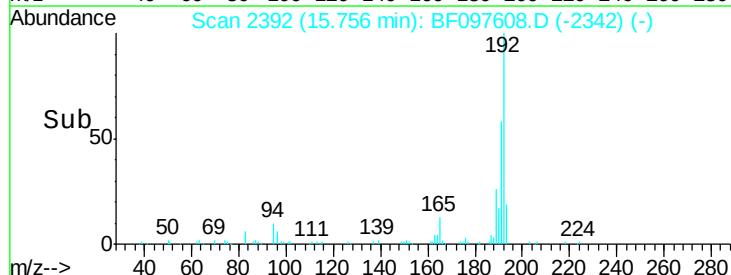
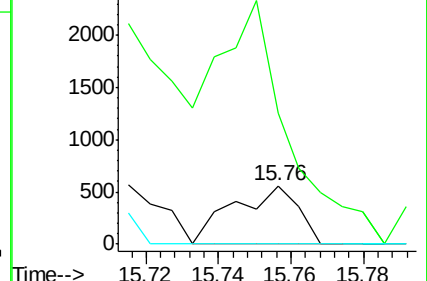
104 0.0 4.0 6.0#

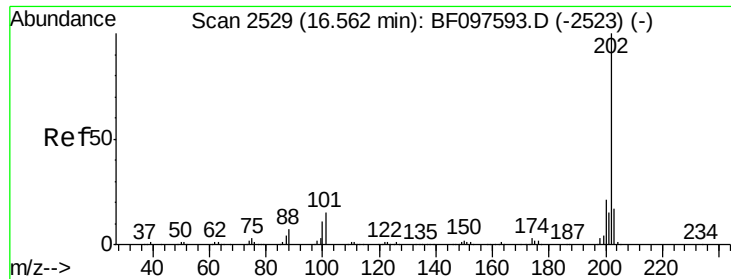


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

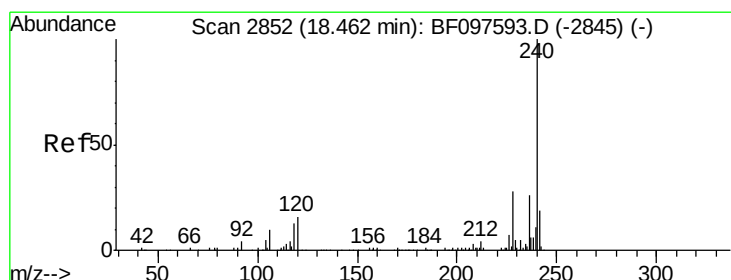
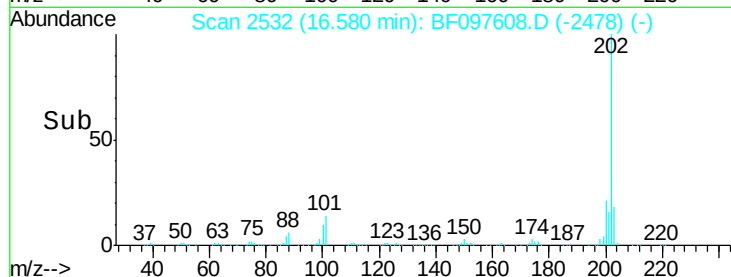
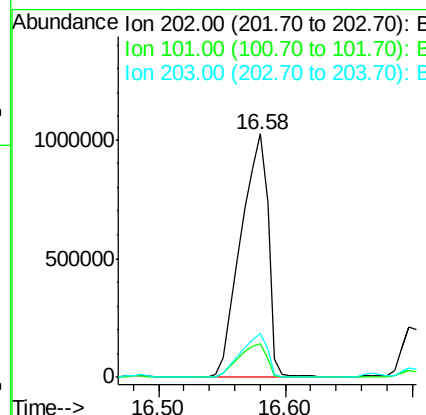
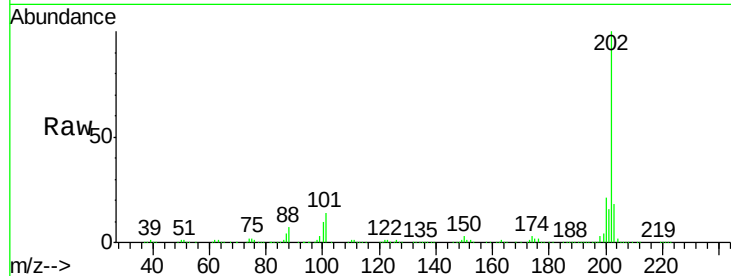




#74
Fluoranthene
Concen: 138.11 ng
RT: 16.58 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

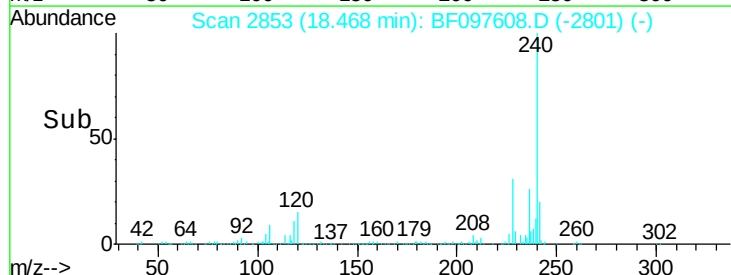
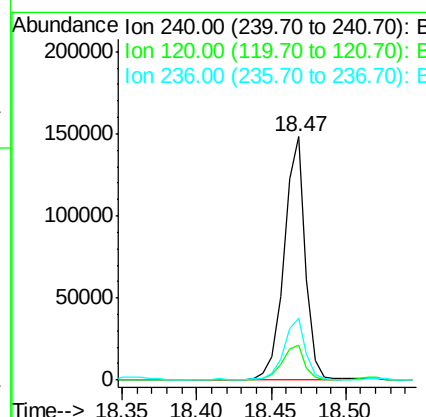
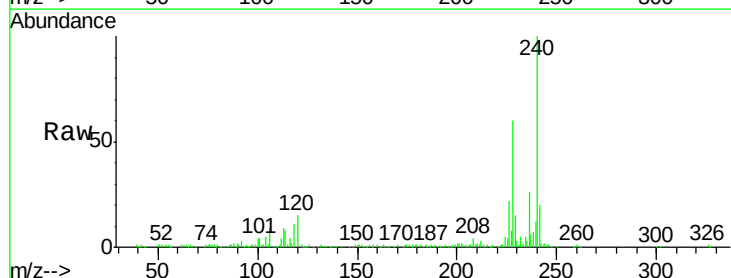
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-3B

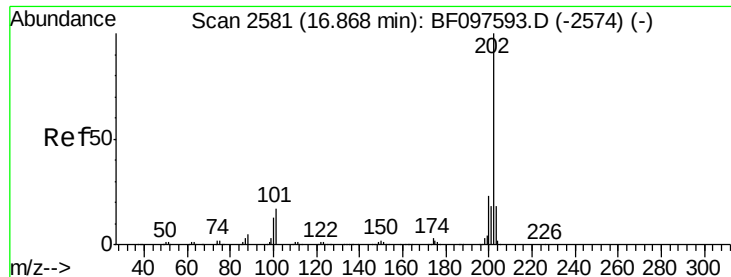
Tot Ion:202 Resp: 1531251
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.9 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Tgt Ion:240 Resp: 149015
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.7 20.5 30.7





#77

Pvrene

Concen: 98.07 ng

RT: 16.88 min Scan# 2583

Delta R.T. 0.01 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

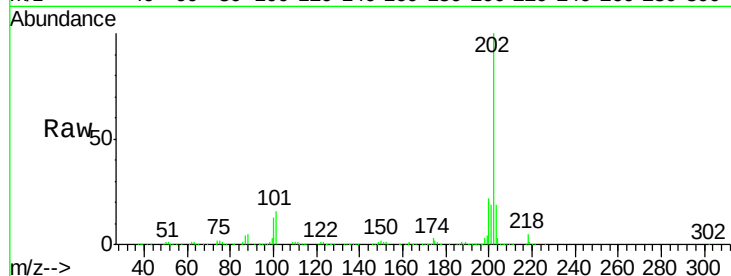
Tot Ion:202 Resp: 1208476

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

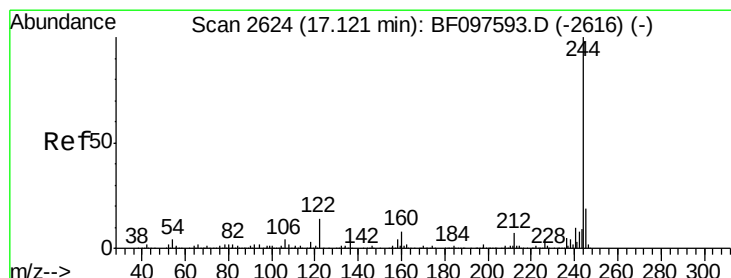
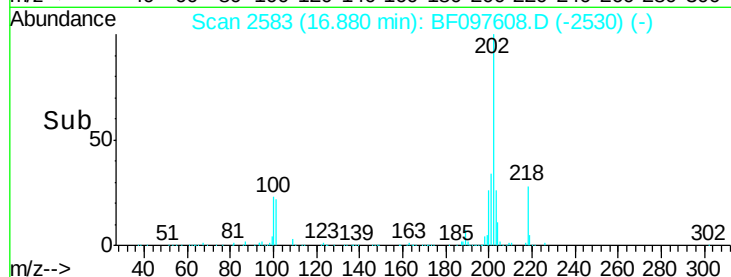
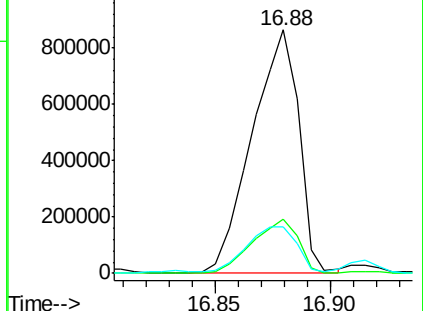
203 19.1 14.4 21.6



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: 0.95 ng

RT: 17.12 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

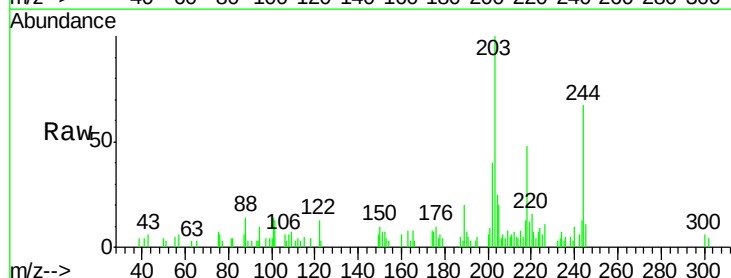
Tgt Ion:244 Resp: 6827

Ion Ratio Lower Upper

244 100

212 10.9 6.0 9.0#

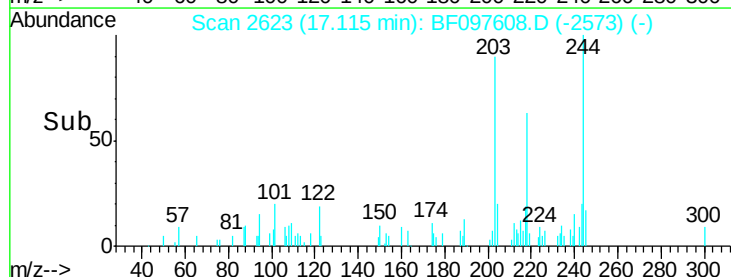
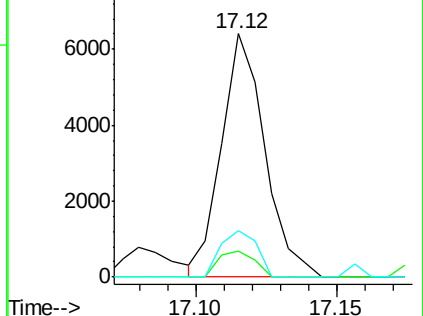
122 19.0 10.3 15.5#

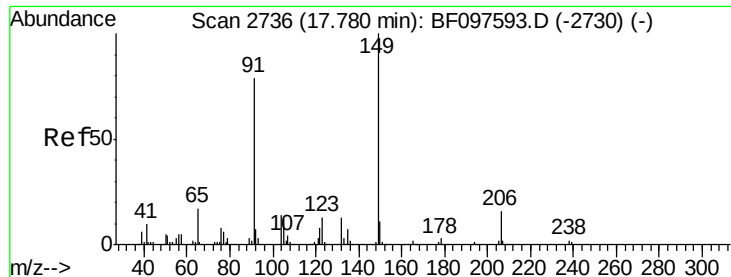


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

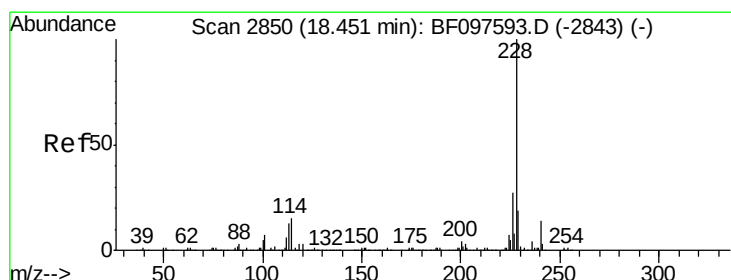
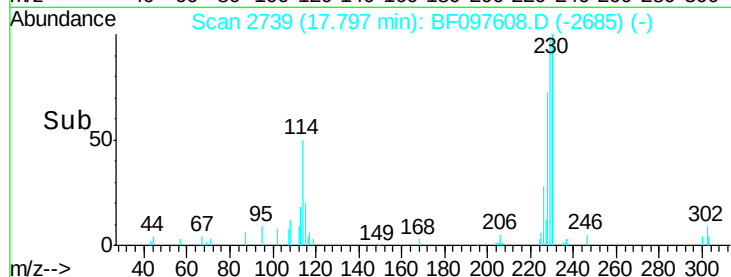
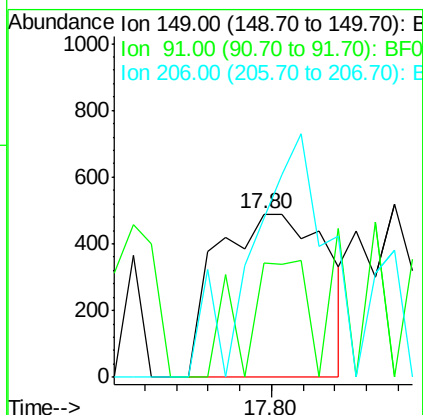
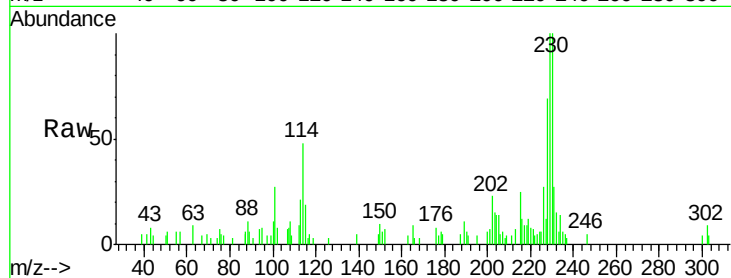




#79
Butylbenzylphthalate
Concen: 0.23 ng
RT: 17.80 min Scan# 2739
Delta R.T. 0.02 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

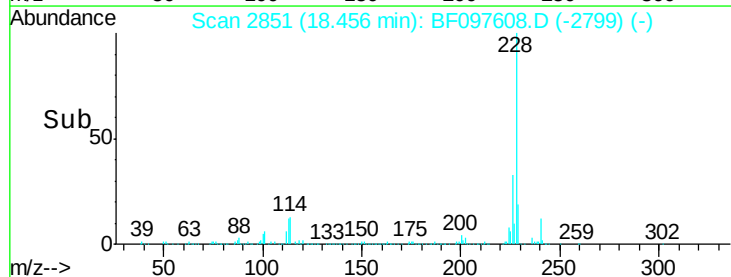
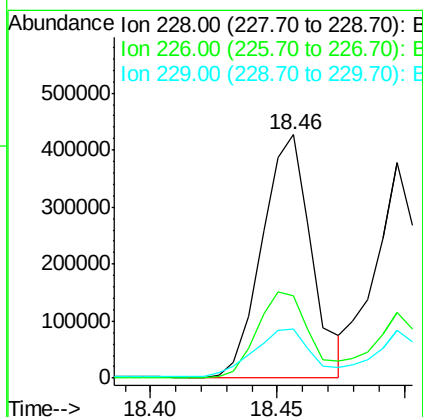
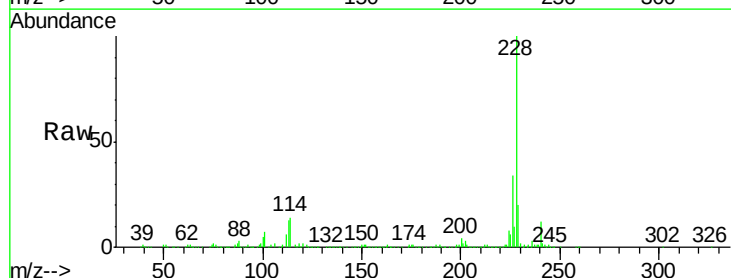
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-3B

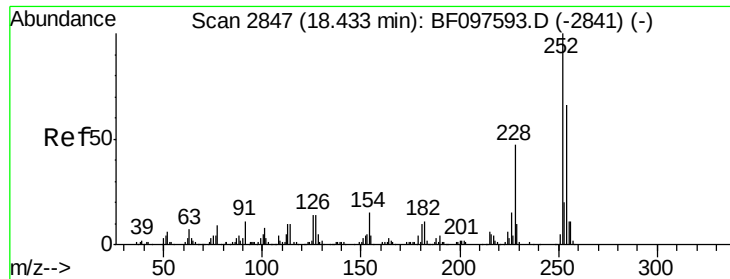
Tot Ion:149 Resp: 1179
Ion Ratio Lower Upper
149 100
91 70.1 45.0 67.4#
206 97.5 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 66.41 ng
RT: 18.46 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Tgt Ion:228 Resp: 577967
Ion Ratio Lower Upper
228 100
226 33.7 22.6 33.8
229 20.4 16.3 24.5

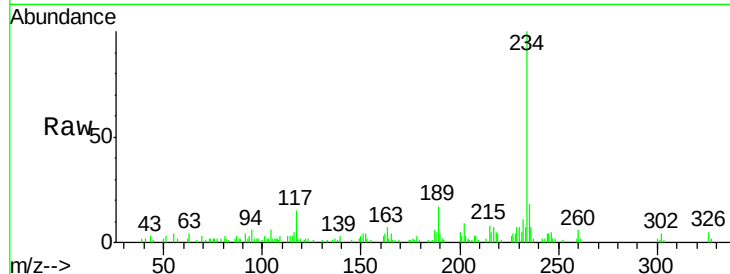




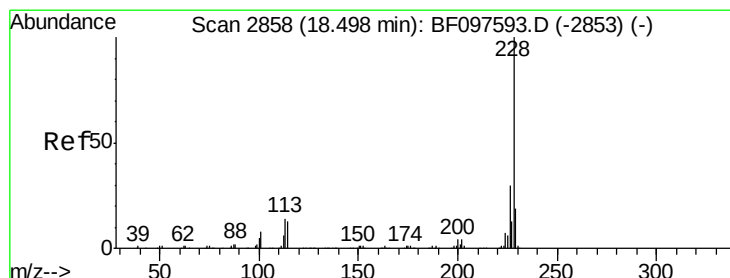
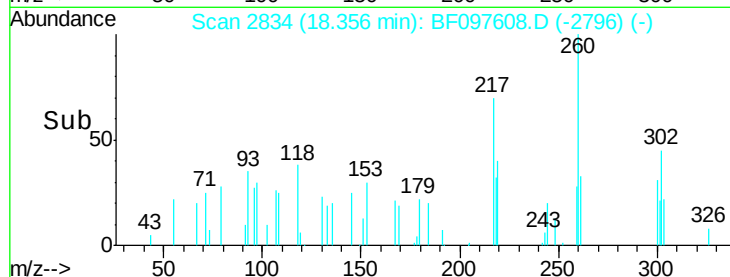
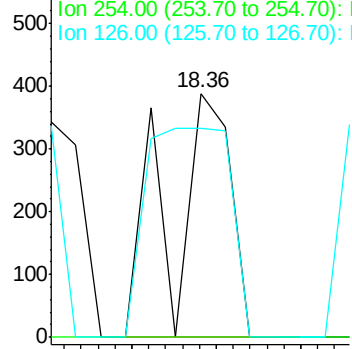
#81
 3,3'-Dichlorobenzidine
 Concen: 0.13 ng
 RT: 18.36 min Scan# 2834
 Delta R.T. -0.08 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

Tot Ion:252 Resp: 384
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.5 77.3#
 126 85.6 15.8 23.8#

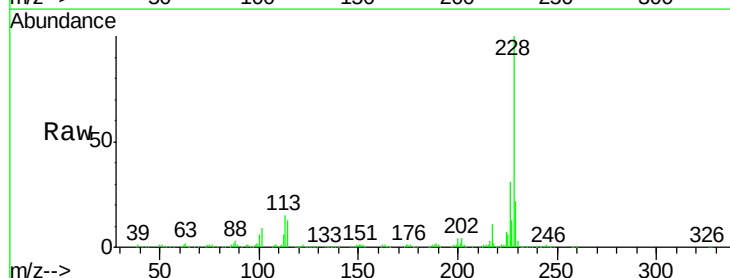


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

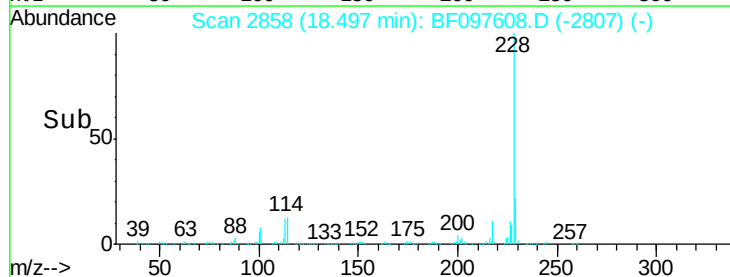
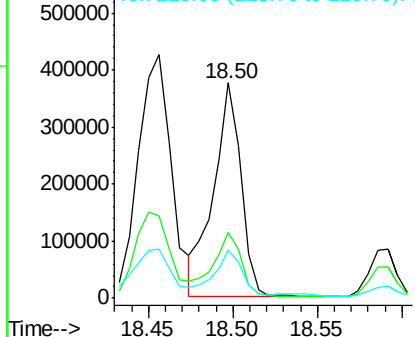


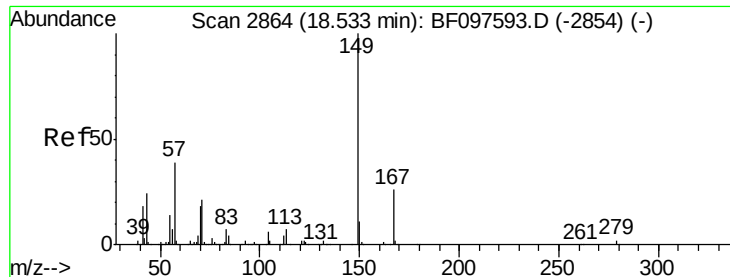
#82
 Chrysene
 Concen: 49.53 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion:228 Resp: 428758
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 22.0 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

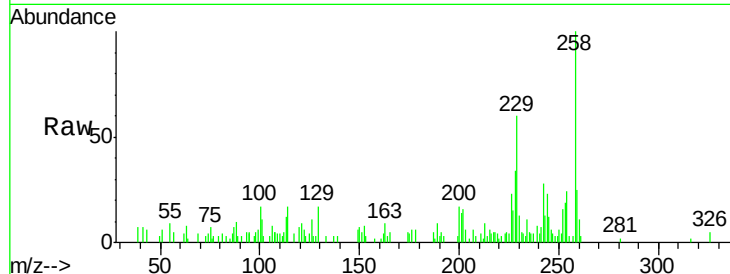




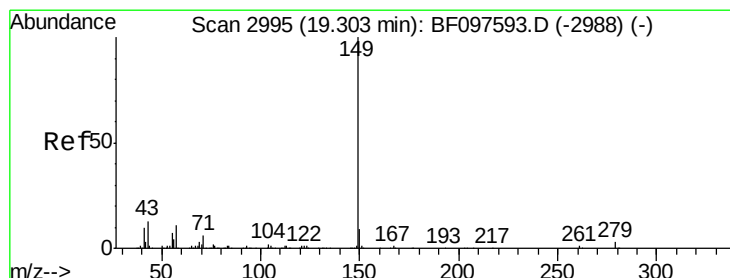
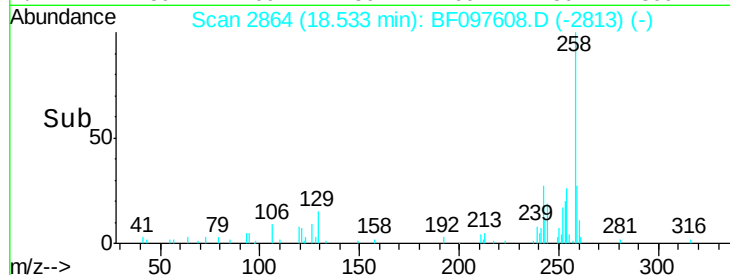
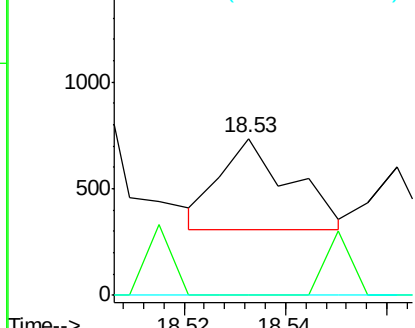
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 18.53 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

Tot Ion:149 Resp: 409
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.0 31.4#
 279 0.0 1.9 2.9#

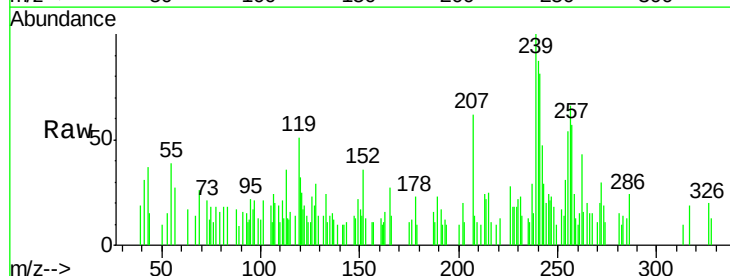


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

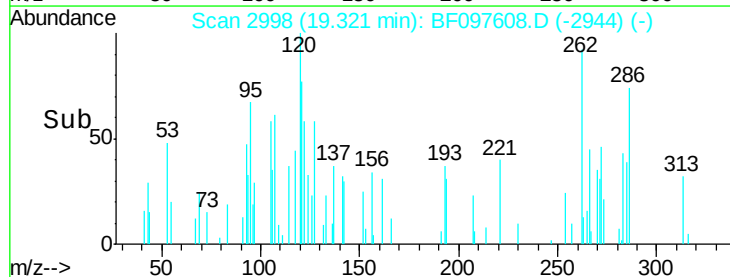
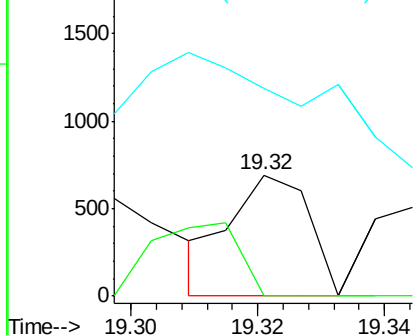


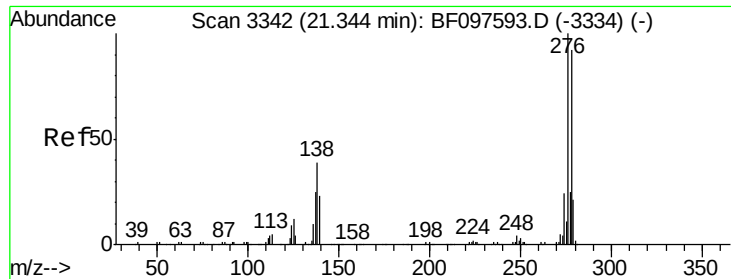
#84
 Di-n-octyl phthalate
 Concen: 0.05 ng
 RT: 19.32 min Scan# 2998
 Delta R.T. 0.02 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion:149 Resp: 590
 Ion Ratio Lower Upper
 149 100
 167 67.8 1.2 1.8#
 43 192.5 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

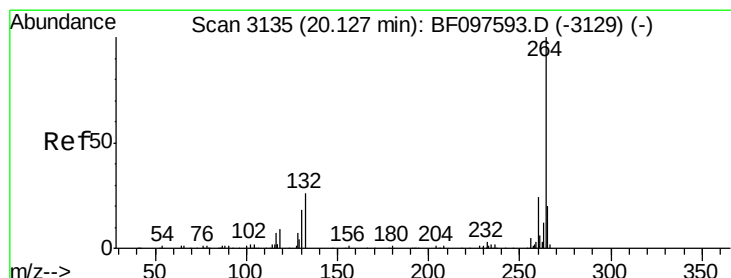
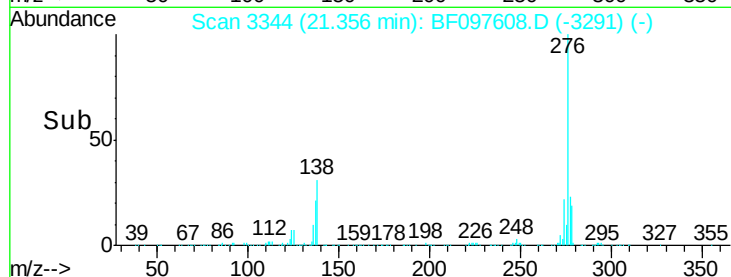
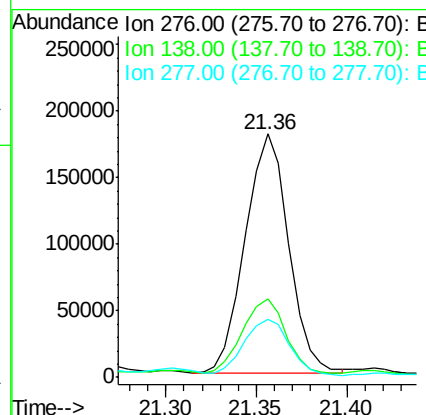
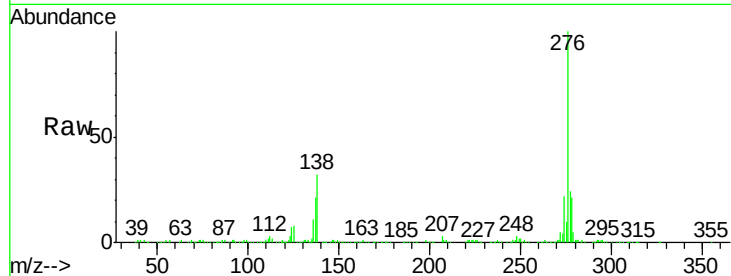




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.33 ng
 RT: 21.36 min Scan# 3344
 Delta R.T. 0.01 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

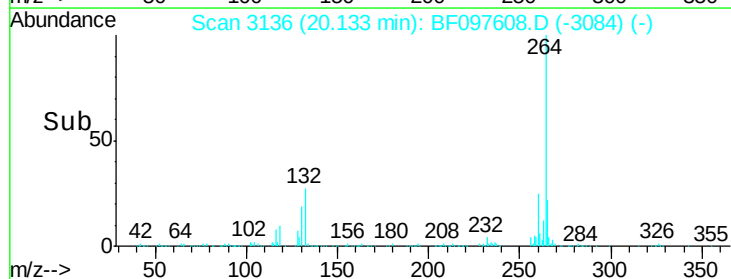
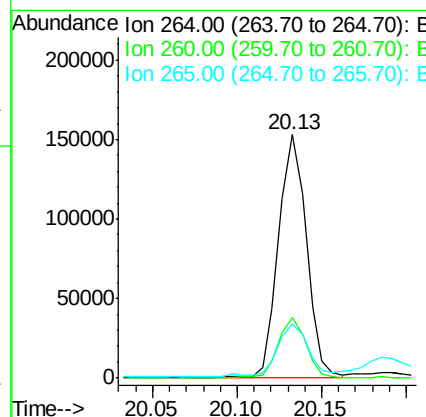
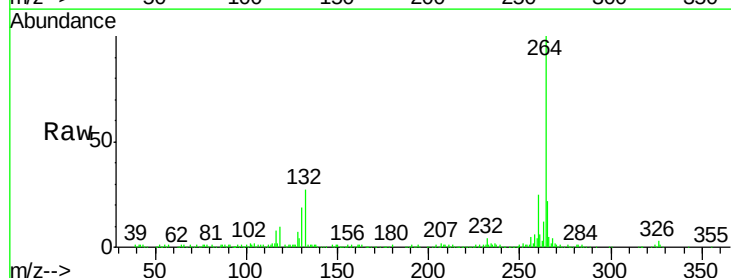
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-3B

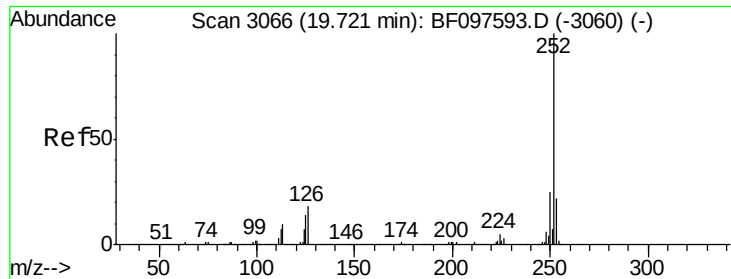
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	27.8	41.6
277	24.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 3136
 Delta R.T. 0.01 min
 Lab File: BF097608.D
 Acq: 11 Aug 2017 22:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.3	17.2	25.8

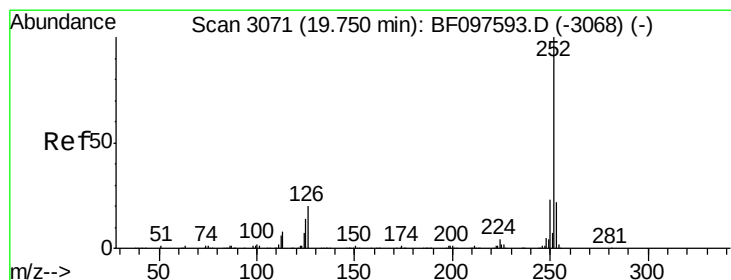
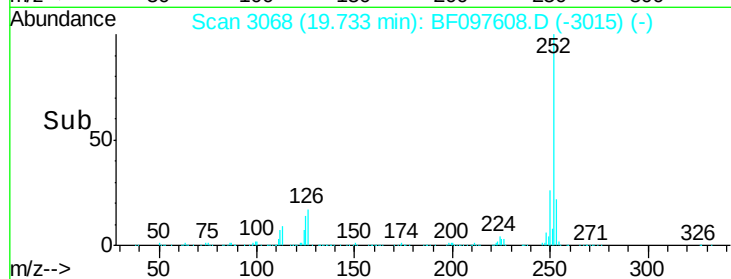
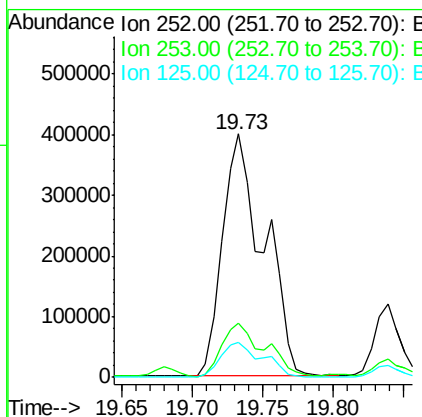
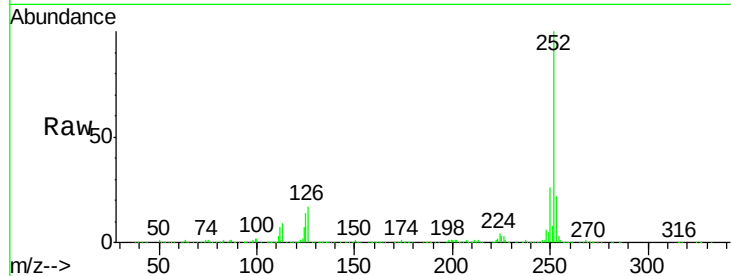




#87
Benzo(b)fluoranthene
Concen: 77.32 ng
RT: 19.73 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

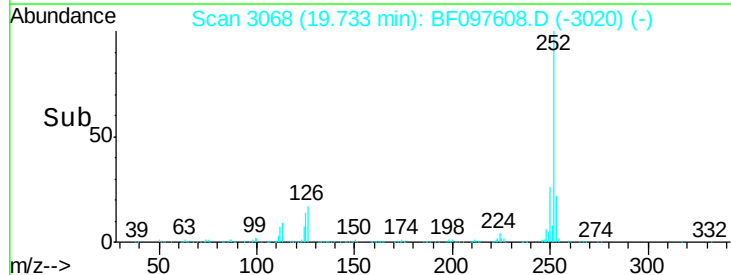
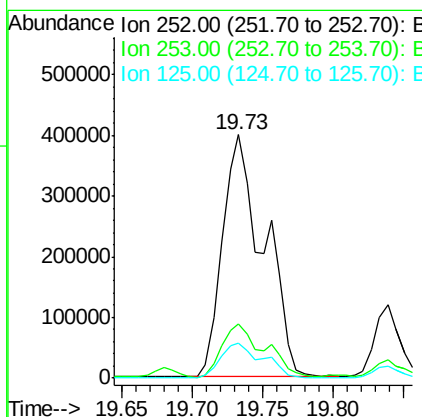
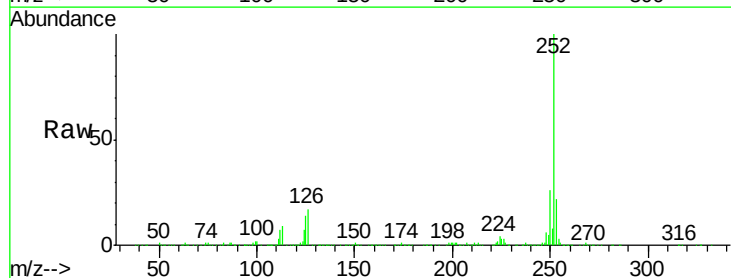
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-3B

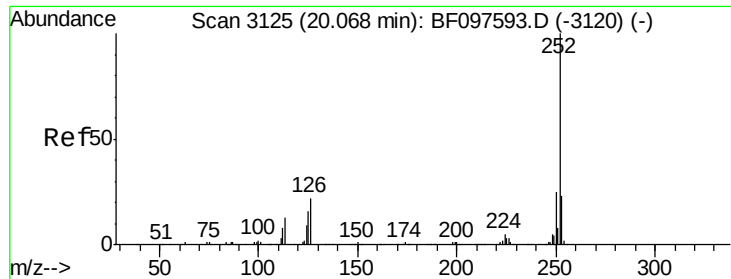
Tot Ion:252 Resp: 817177
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 14.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 76.77 ng
RT: 19.73 min Scan# 3068
Delta R.T. -0.02 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Tgt Ion:252 Resp: 817177
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 14.3 13.1 19.7

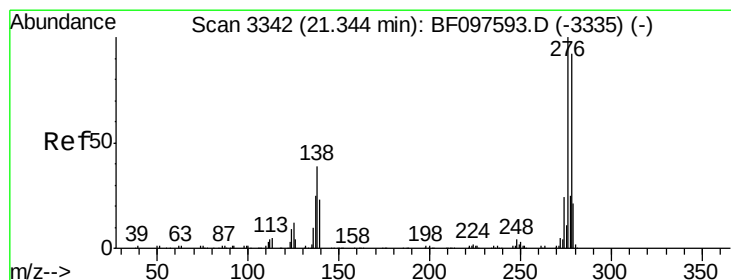
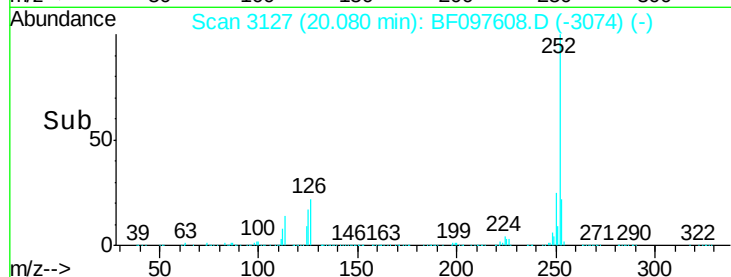
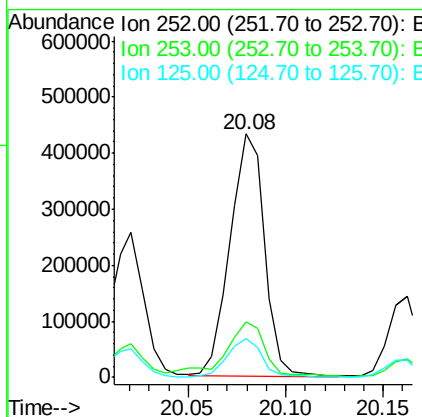
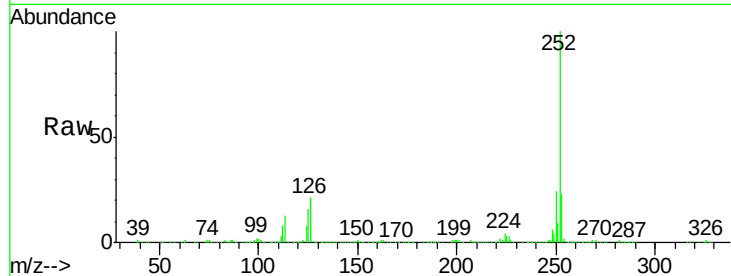




#89
Benzo(a)pyrene
Concen: 54.76 ng
RT: 20.08 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

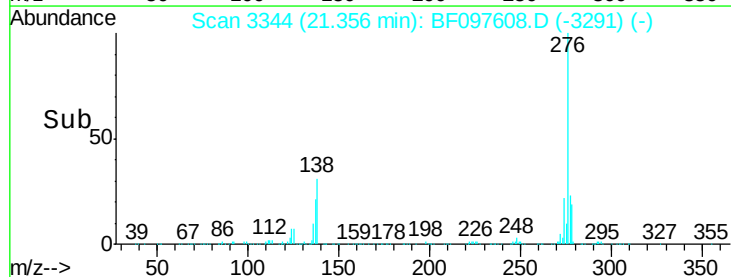
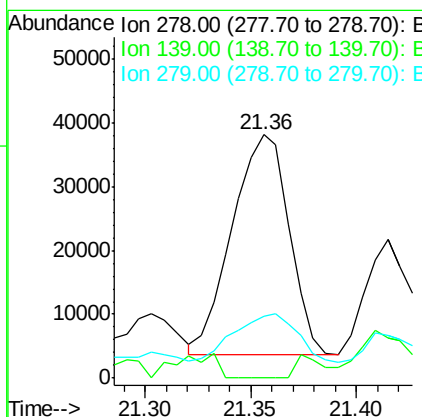
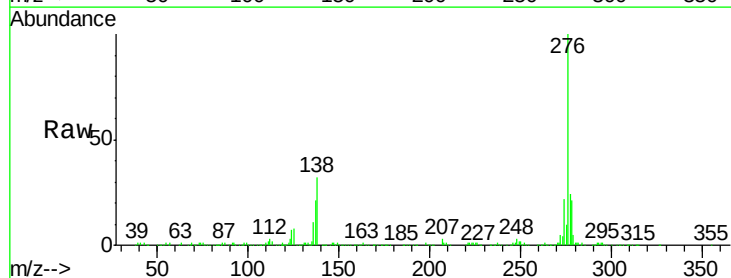
Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-3B

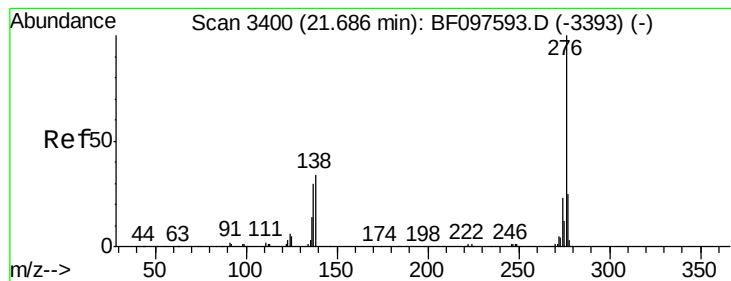
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	16.2	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 9.26 ng
RT: 21.36 min Scan# 3344
Delta R.T. 0.01 min
Lab File: BF097608.D
Acq: 11 Aug 2017 22:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.6	24.8#
279	25.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 35.40 ng

RT: 21.70 min Scan# 3403

Delta R.T. 0.02 min

Lab File: BF097608.D

Acq: 11 Aug 2017 22:24

Instrument :

BNA_F

ClientSampleId :

NYSEG-PH4-ESMI-3B

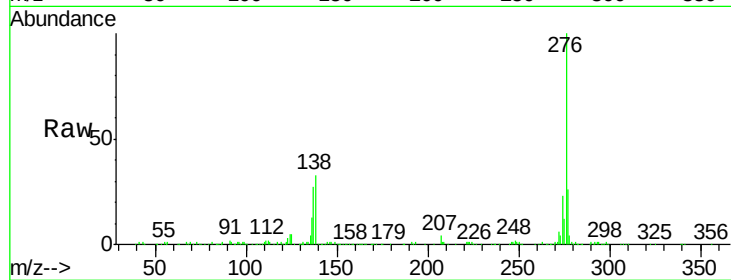
Tot Ion: 276 Resp: 269724

Ion Ratio Lower Upper

276 100

277 25.9 18.6 28.0

138 32.9 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

