

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095619.D
 Acq On : 2 Jun 2017 5:29
 Operator : SJ/MA
 Sample : I3420-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Quant Time: Jun 17 00:55:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 17 00:02:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	86673	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	363821	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	165384	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	336323	20.00	ng	0.00
75) Chrysene-d12	18.50	240	297339	20.00	ng	0.00
86) Perylene-d12	20.17	264	187647	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	773375	148.76	ng	0.02
7) Phenol-d6	7.09	99	854373	136.97	ng	0.00
23) Nitrobenzene-d5	8.45	82	578666	100.30	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	226277	167.06	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1147424	99.86	ng	0.00
78) Terphenyl-d14	17.15	244	1049638	77.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	2.45	42	137	0.056	ng	# 1
6) Aniline	7.10	93	1482	0.188	ng	# 1
9) Benzaldehyde	7.09	77	440	0.116	ng	# 29
10) Phenol	7.11	94	126	0.019	ng	# 1
11) bis(2-Chloroethyl)ether	7.20	93	1052	0.194	ng	# 1
15) Benzyl Alcohol	7.77	79	9132	2.276	ng	# 35
18) Hexachloroethane	8.45	117	123	0.053	ng	# 1
19) n-Nitroso-di-n-propylamine	8.45	70	71265	16.893	ng	# 76
22) Acetophenone	8.31	105	120	0.014	ng	# 46
24) Nitrobenzene	8.45	77	1067	0.176	ng	# 39
25) Isophorone	8.90	82	242	0.023	ng	# 67
31) Naphthalene	9.60	128	55061	3.011	ng	# 97
33) 4-Chloroaniline	9.60	127	6435	0.944	ng	# 23
37) 2-Methylnaphthalene	10.77	142	9185	0.765	ng	# 97
45) 1,1'-Biphenyl	11.55	154	2061	0.148	ng	# 83
48) Acenaphthylene	12.20	152	2935	0.167	ng	# 87
50) 2,6-Dinitrotoluene	12.39	165	20304	7.330	ng	# 31
51) Acenaphthene	12.46	154	1338	0.127	ng	# 66
54) Dibenzofuran	12.80	168	3751	0.258	ng	# 74
55) 4-Nitrophenol	12.81	139	1220	0.683	ng	# 25
57) Fluorene	13.33	166	3319	0.262	ng	# 93
59) Diethylphthalate	13.20	149	1272	0.098	ng	# 60
62) Azobenzene	13.69	77	921	0.088	ng	# 8
64) 4,6-Dinitro-2-methylphenol	13.69	198	378	0.168	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	7472	0.612	ng	# 38
70) Phenanthrene	14.84	178	7715	0.399	ng	# 95
71) Anthracene	14.84	178	7715	0.391	ng	# 95
73) Di-n-butylphthalate	15.80	149	2309	0.103	ng	# 78
74) Fluoranthene	16.66	202	927	0.047	ng	# 62
76) Benzidine	16.83	184	71403	14.249	ng	# 92
77) Pyrene	16.94	202	529	0.024	ng	# 56
80) Benzo(a)anthracene	18.49	228	634	0.037	ng	# 50
81) 3,3'-Dichlorobenzidine	18.54	252	242	0.040	ng	# 27
82) Chrysene	18.54	228	527	0.031	ng	# 49

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Sample : I3420-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

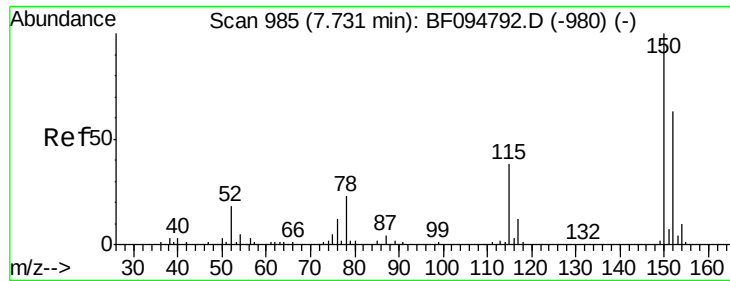
Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

Quant Time: Jun 17 00:55:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	18.56	149	1914	0.130	ng	# 92
87) Benzo(b)fluoranthene	19.82	252	108	0.009	ng	# 59
88) Benzo(k)fluoranthene	19.82	252	108	0.010	ng	# 56
89) Benzo(a)pyrene	20.17	252	115	0.011	ng	# 59

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

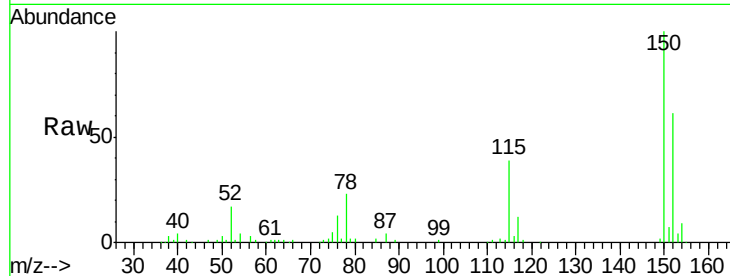
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\  
Data File : BF095619.D  
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ALS Vial  : 25 Sample Multiplier: 1
```



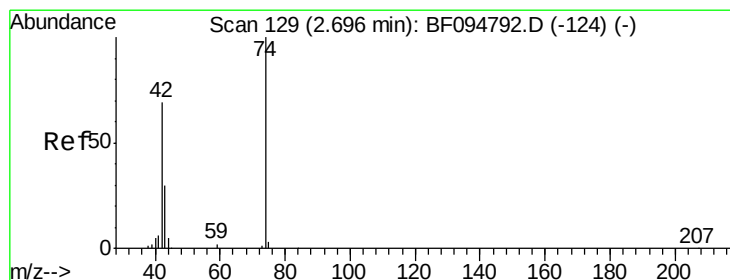
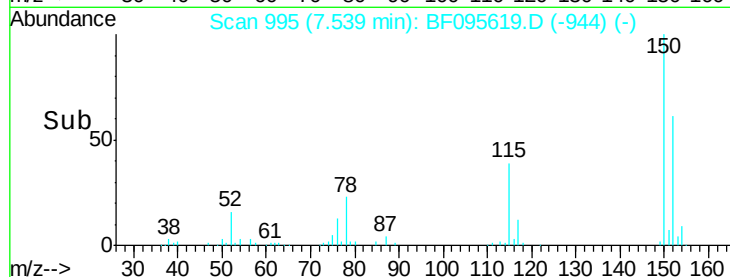
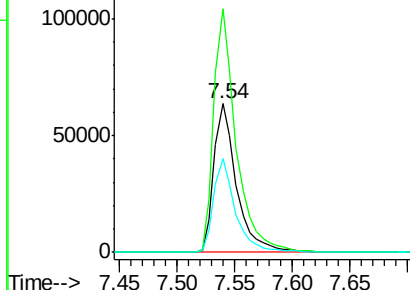
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.54 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Tgt Ion:152 Resp: 86673
 Ion Ratio Lower Upper
 152 100
 150 163.8 126.2 189.2
 115 63.5 52.2 78.2

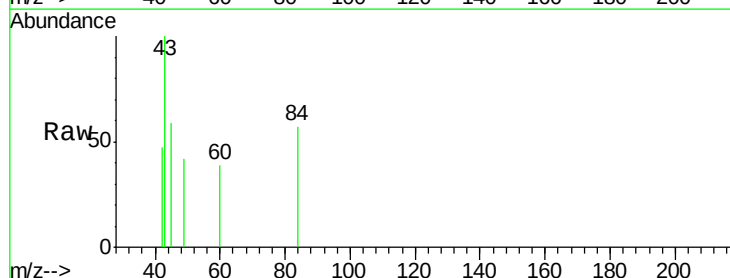


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

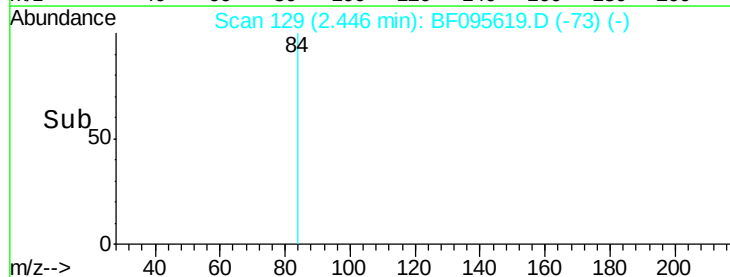
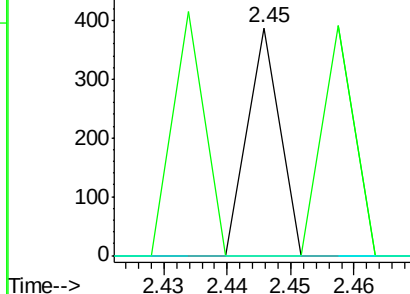


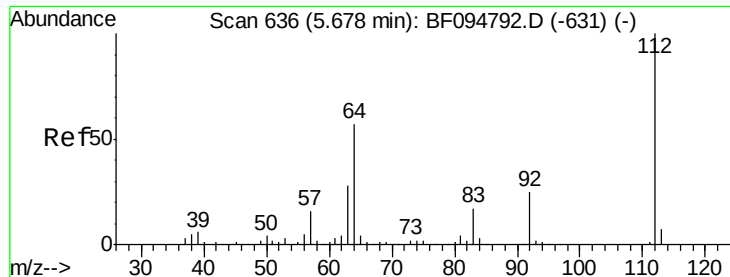
#4
 n-Nitrosodimethylamine
 Concen: 0.056 ng
 RT: 2.45 min Scan# 129
 Delta R.T. 0.03 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion: 42 Resp: 137
 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: 148.764 ng

RT: 5.47 min Scan# 643

Delta R.T. 0.02 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

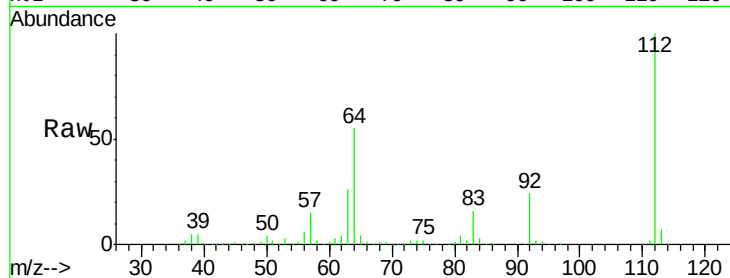
Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

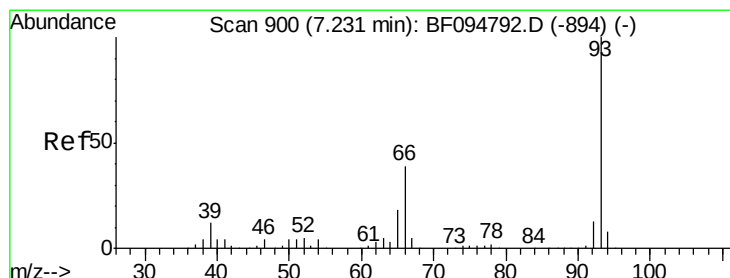
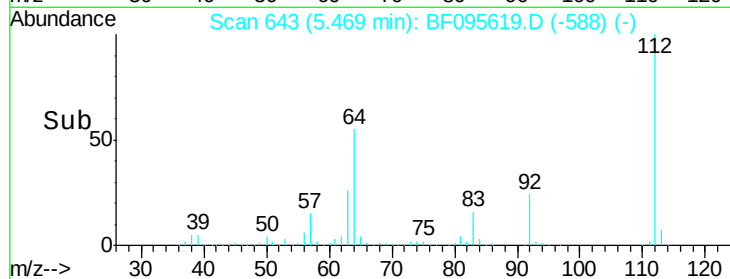
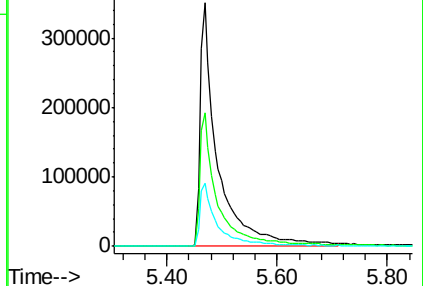
Tgt Ion:	112	Resp:	773375
Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.0	23.4	35.0



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



#6

Aniline

Concen: 0.188 ng

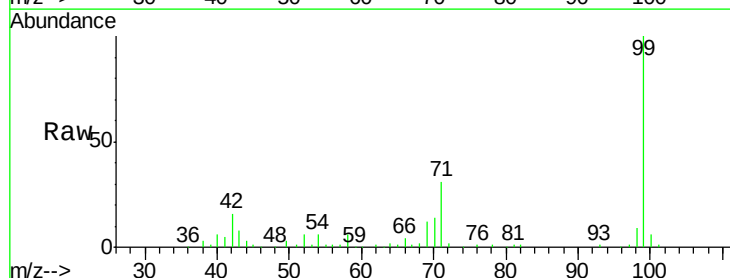
RT: 7.10 min Scan# 921

Delta R.T. 0.06 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

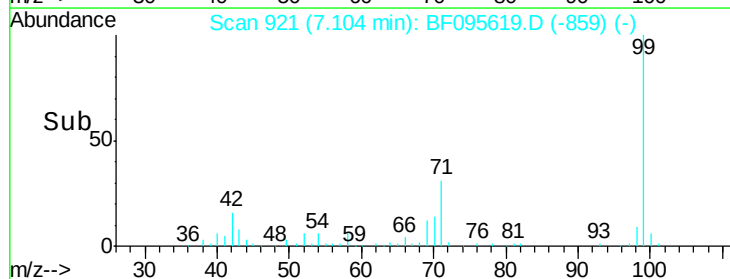
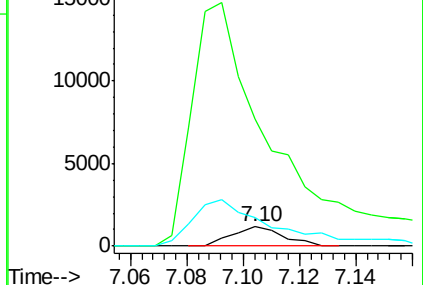
Tgt Ion:	93	Resp:	1482
Ion	Ratio	Lower	Upper
93	100		
66	657.5	32.9	49.3#
65	149.7	16.0	24.0#

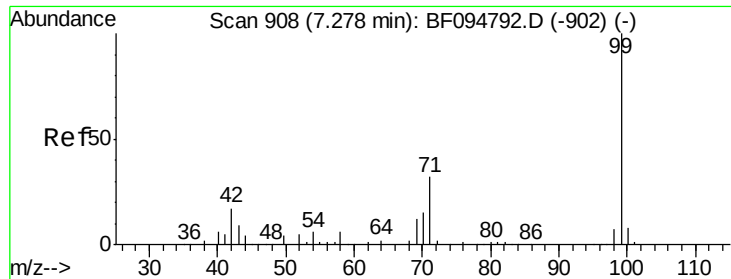


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.971 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

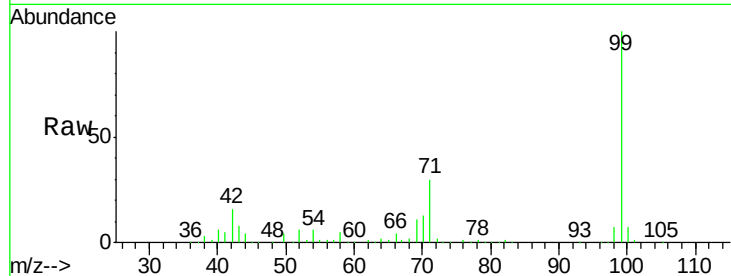
Tgt Ion: 99 Resp: 854373

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

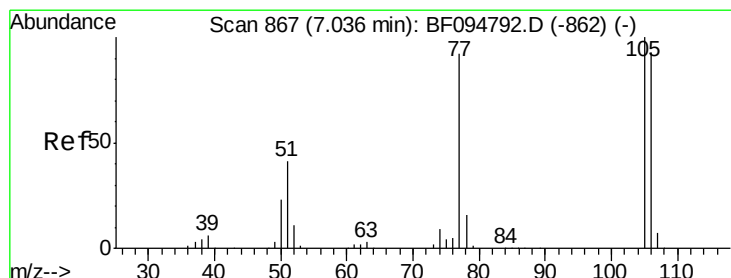
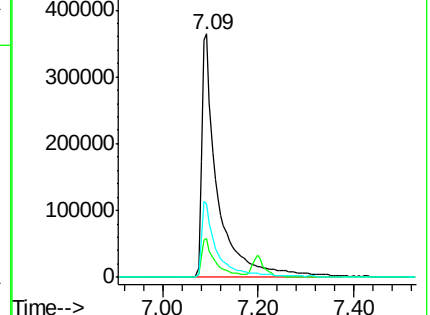
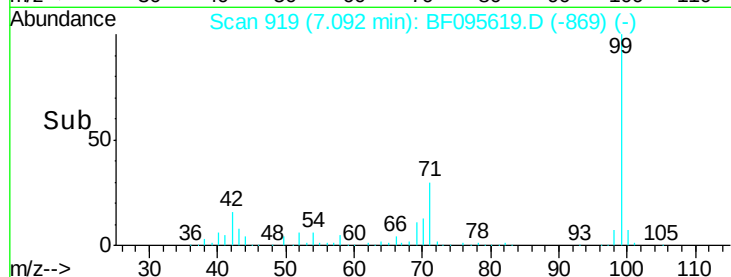
71 30.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 0.116 ng

RT: 7.09 min Scan# 918

Delta R.T. 0.24 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

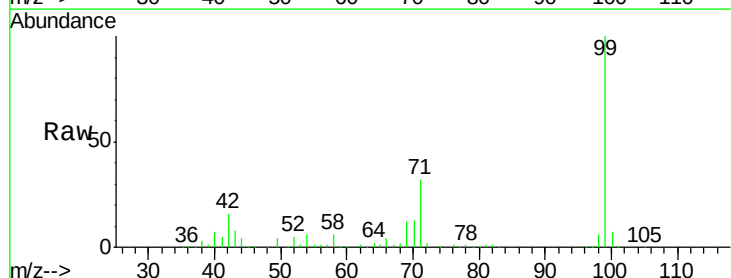
Tgt Ion: 77 Resp: 440

Ion Ratio Lower Upper

77 100

105 60.0 83.8 123.8#

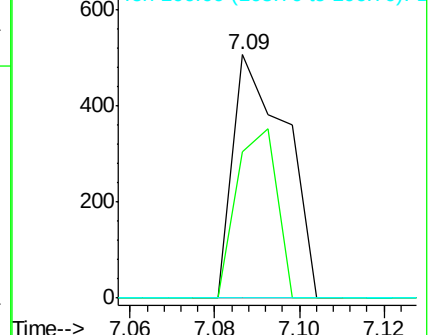
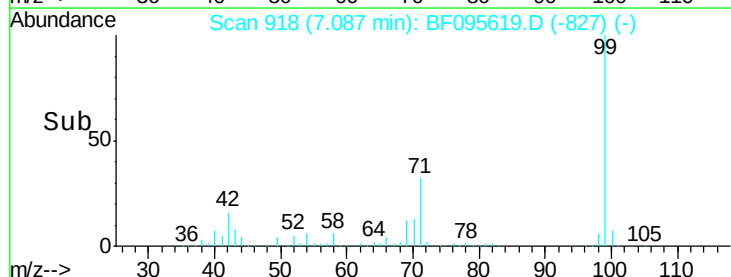
106 0.0 79.1 119.1#

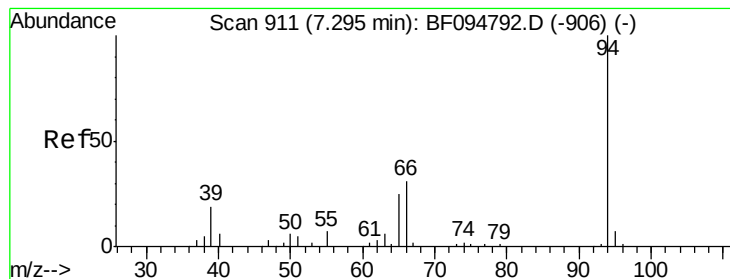


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.019 ng

RT: 7.11 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

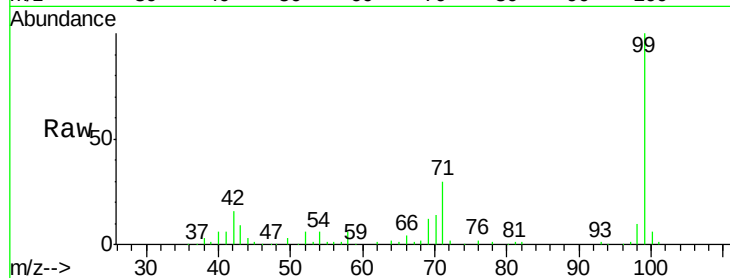
Tgt Ion: 94 Resp: 126

Ion Ratio Lower Upper

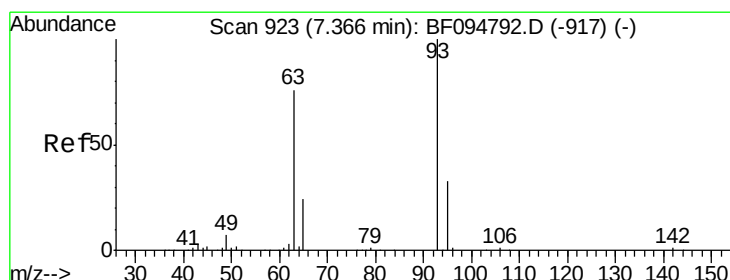
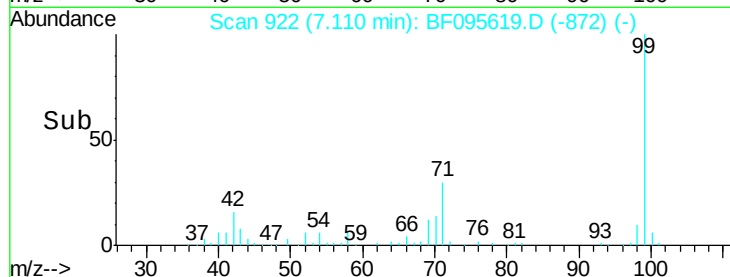
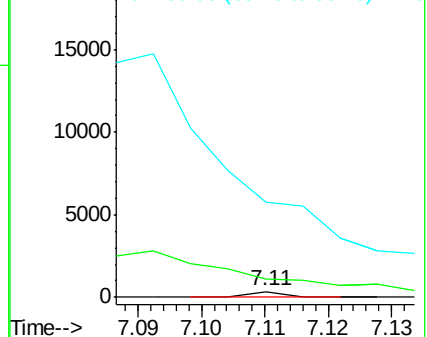
94 100

65 309.2 9.9 49.9#

66 1608.4 23.1 63.1#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.194 ng

RT: 7.20 min Scan# 937

Delta R.T. 0.02 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

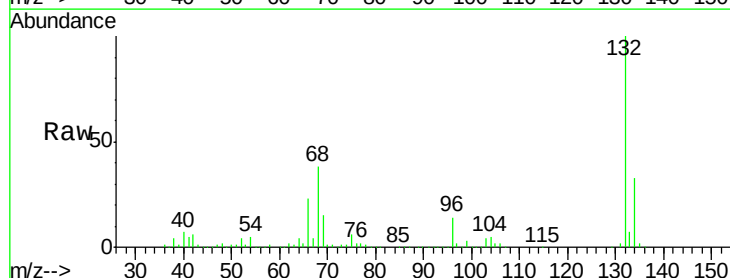
Tgt Ion: 93 Resp: 1052

Ion Ratio Lower Upper

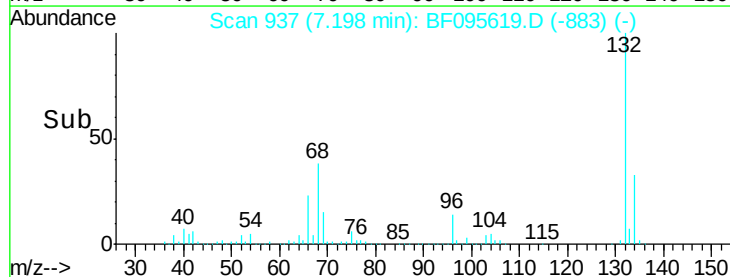
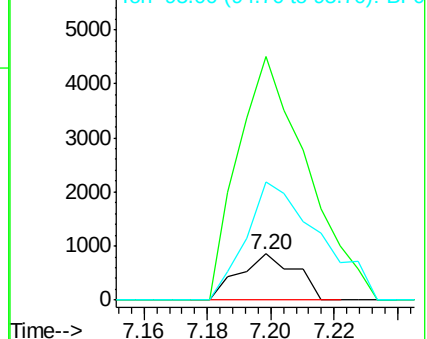
93 100

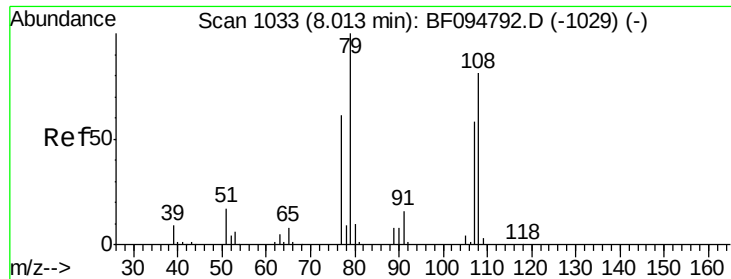
63 526.7 59.2 99.2#

95 255.6 12.8 52.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

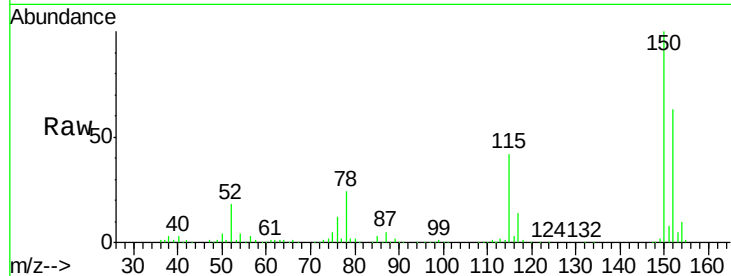




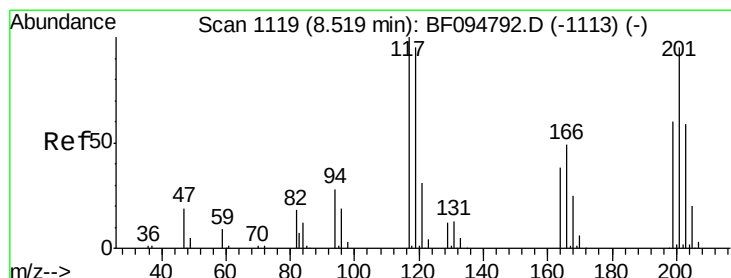
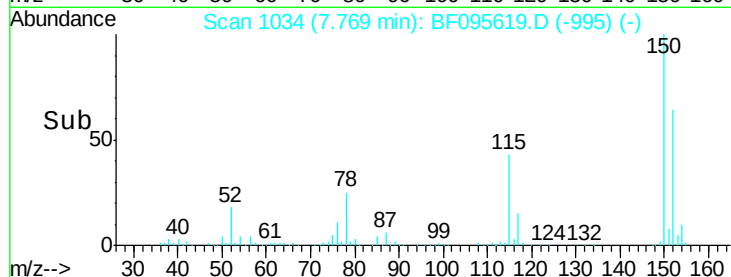
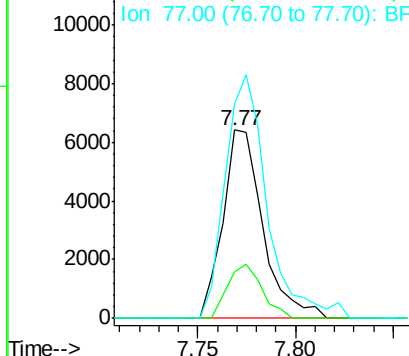
#15
Benzyl Alcohol
Concen: 2.276 ng
RT: 7.77 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampled :
TP-3-TP-4

Tgt Ion: 79 Resp: 9132
Ion Ratio Lower Upper
79 100
108 24.8 63.4 95.0#
77 114.3 49.2 73.8#

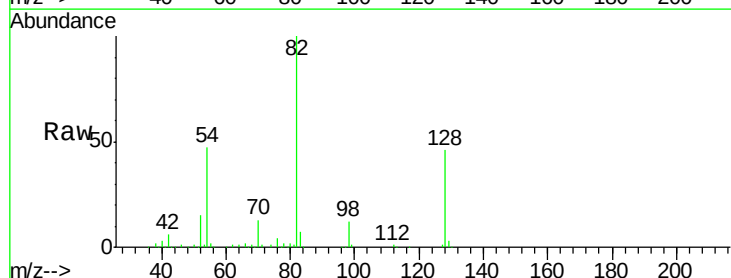


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0

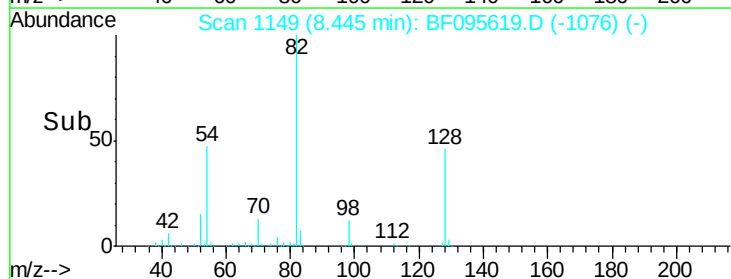
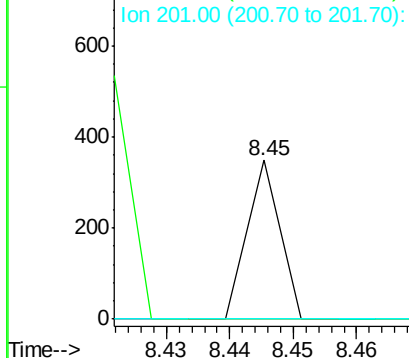


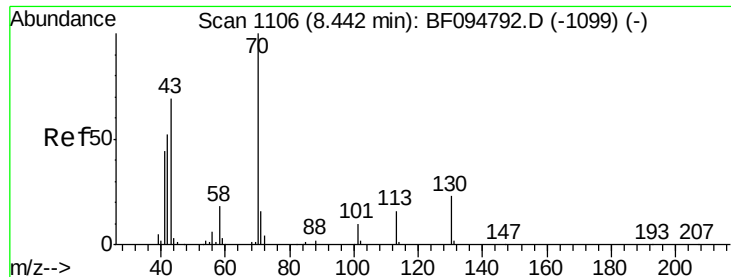
#18
Hexachloroethane
Concen: 0.053 ng
RT: 8.45 min Scan# 1149
Delta R.T. 0.13 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion: 117 Resp: 123
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#



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

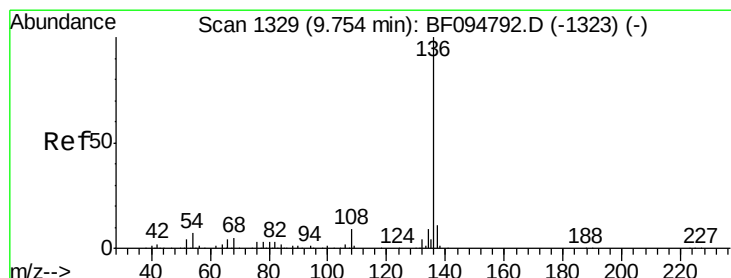
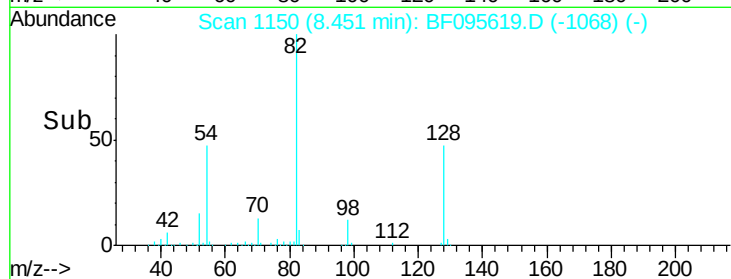
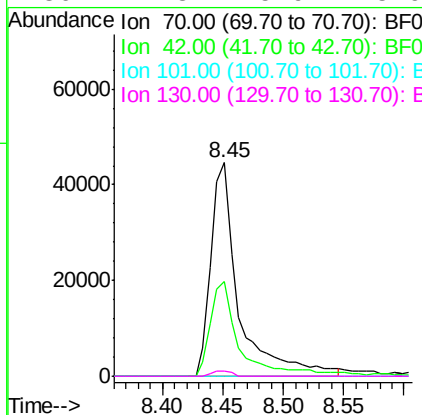
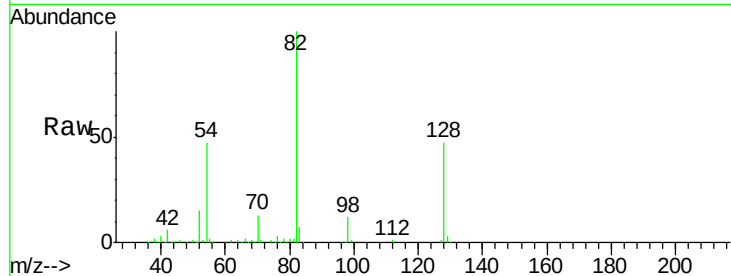




#19
n-Nitroso-di-n-propylamine
Concen: 16.893 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

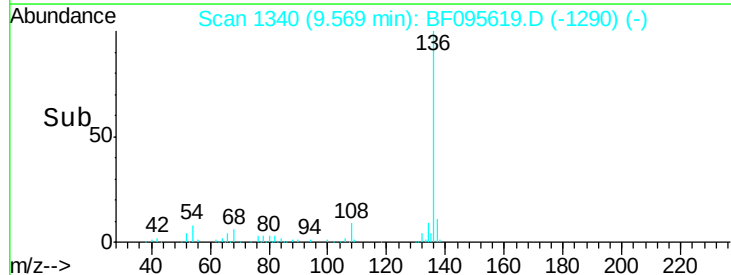
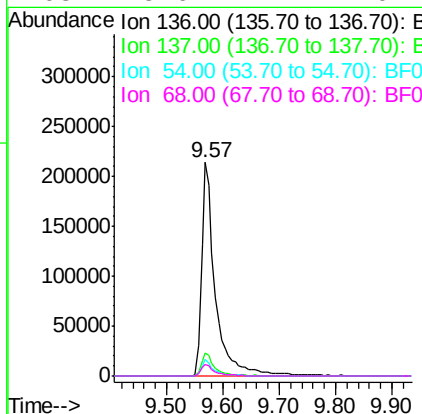
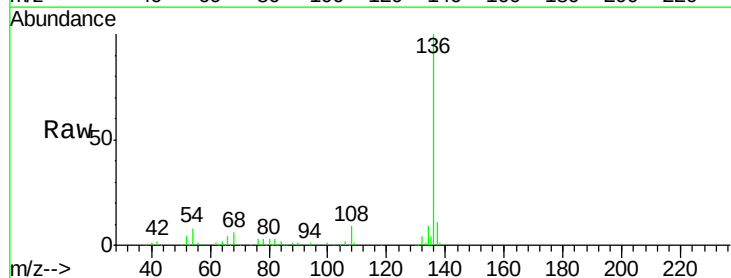
Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

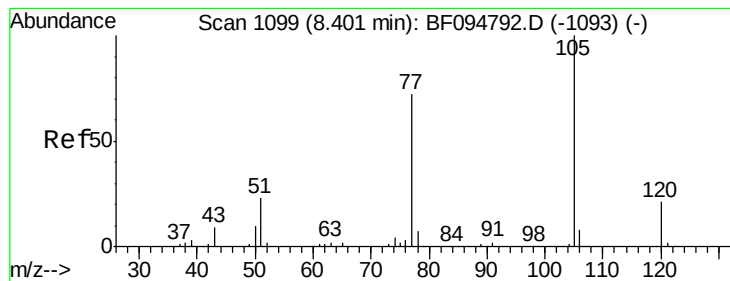
Tgt Ion: 70 Resp: 71265
Ion Ratio Lower Upper
70 100
42 44.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion: 136 Resp: 363821
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.6 4.9 7.3#
68 5.6 4.1 6.1





#22

Acetophenone

Concen: 0.014 ng

RT: 8.31 min Scan# 1126

Delta R.T. 0.08 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

Tgt Ion: 105 Resp: 120

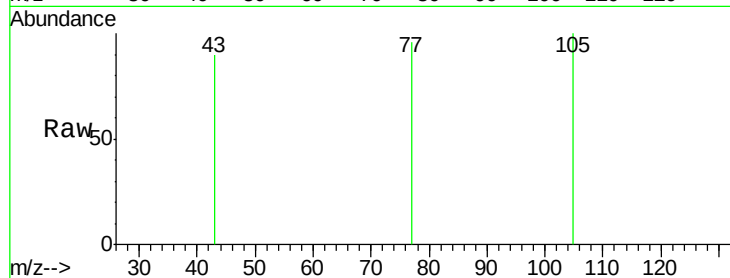
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 0.0 30.7 46.1#

120 0.0 17.4 26.0#



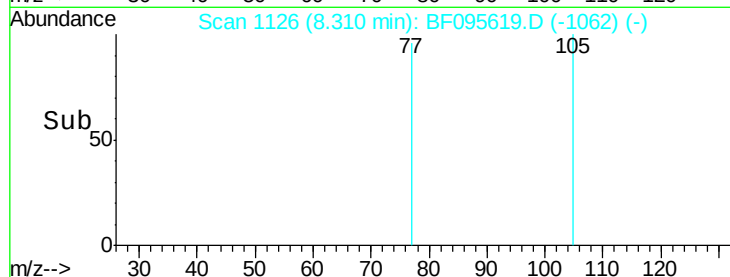
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

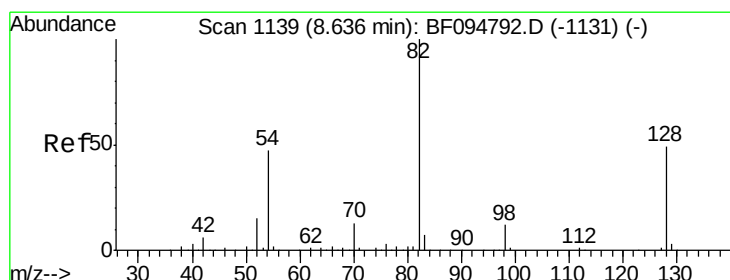
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 100.296 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

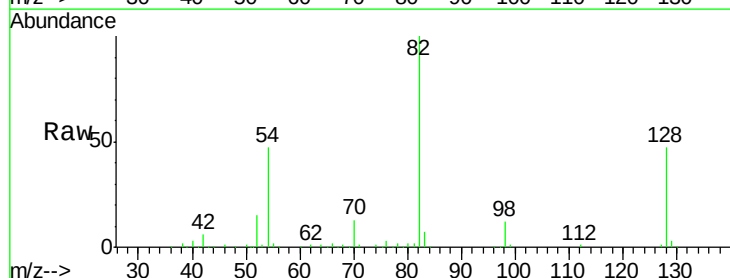
Tgt Ion: 82 Resp: 578666

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

54 47.0 42.2 63.2

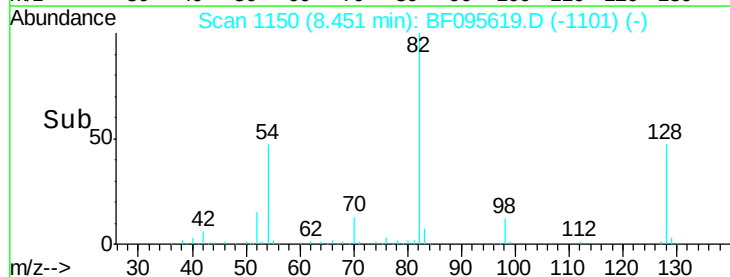


Abundance Ion 82.00 (81.70 to 82.70): BF0

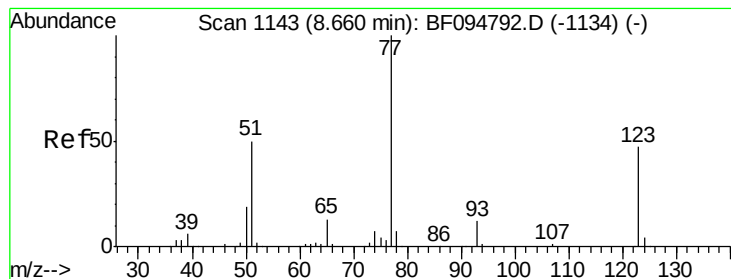
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



#24

Nitrobenzene

Concen: 0.176 ng

RT: 8.45 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

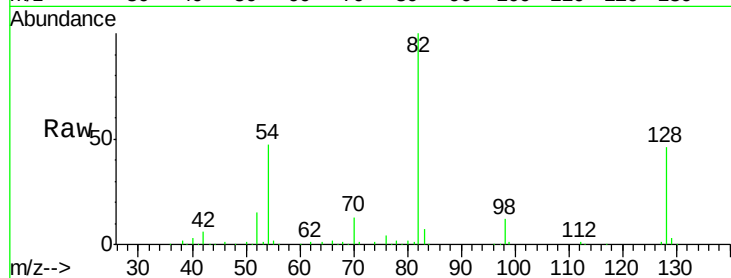
Tgt Ion: 77 Resp: 1067

Ion Ratio Lower Upper

77 100

123 0.0 35.8 53.8#

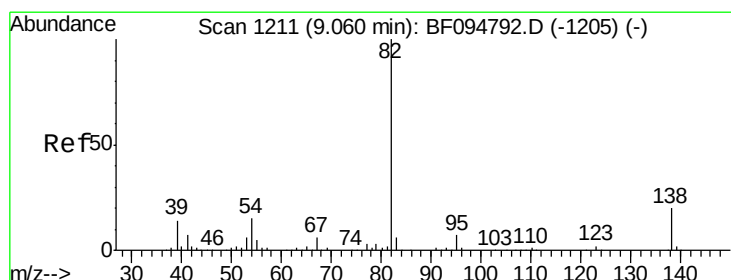
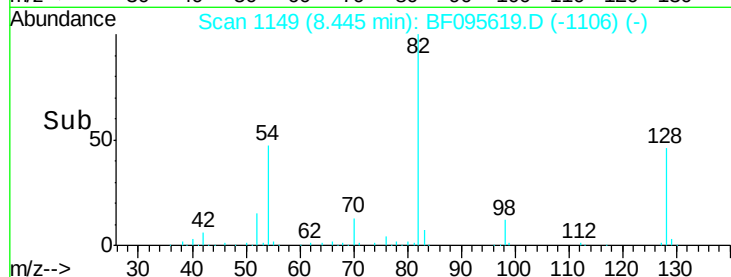
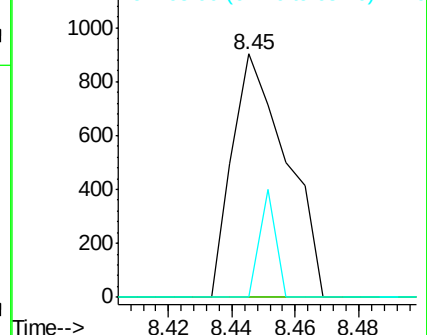
65 0.0 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 0.023 ng

RT: 8.90 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

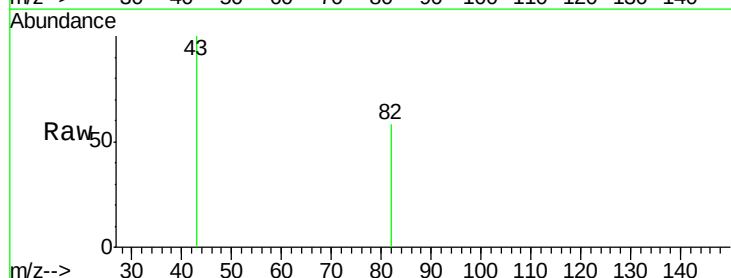
Tgt Ion: 82 Resp: 242

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

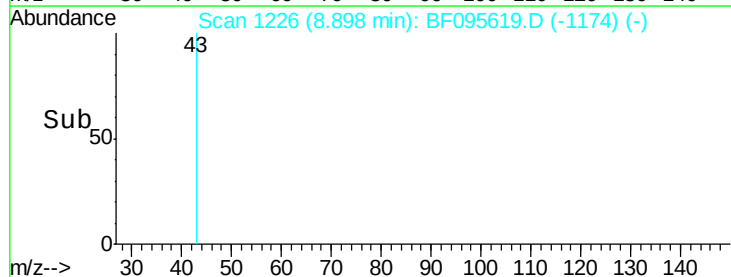
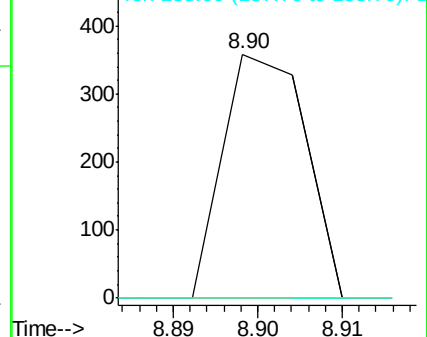
138 0.0 13.1 19.7#

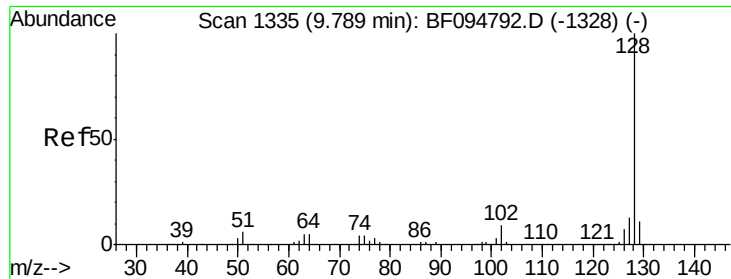


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

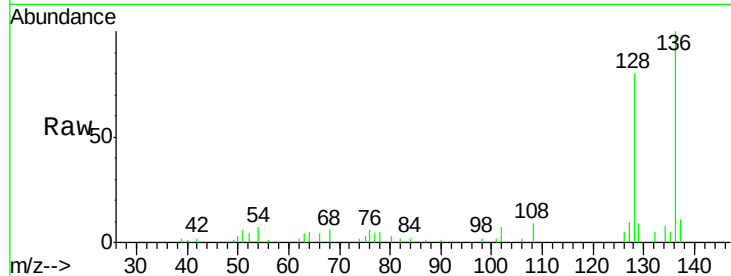




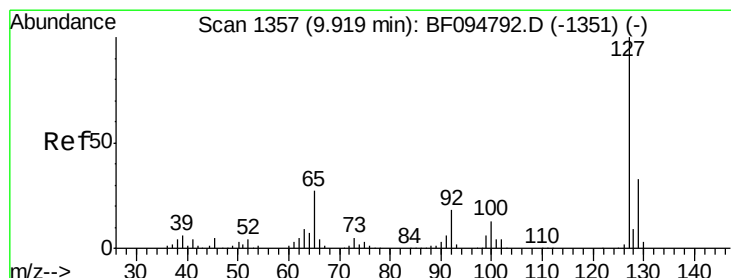
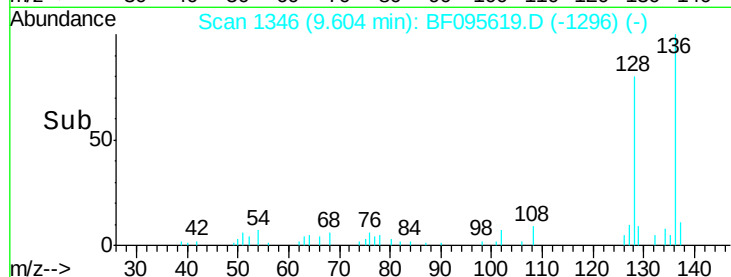
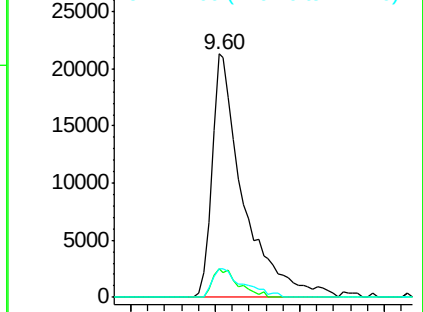
#31
Naphthalene
Concen: 3.011 ng
RT: 9.60 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampled :
TP-3-TP-4

Tgt Ion:128 Resp: 55061
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 12.0 10.8 16.2

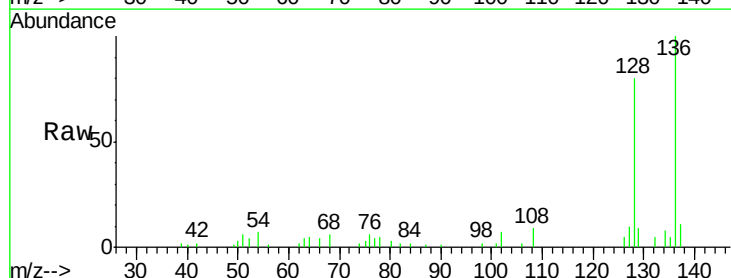


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

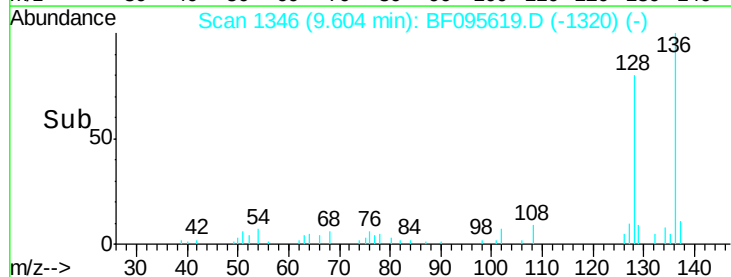
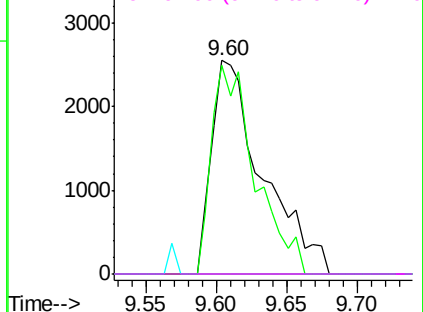


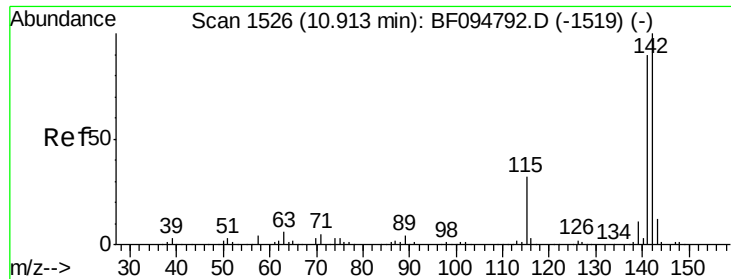
#33
4-Chloroaniline
Concen: 0.944 ng
RT: 9.60 min Scan# 1346
Delta R.T. -0.15 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:127 Resp: 6435
Ion Ratio Lower Upper
127 100
129 97.8 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#



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

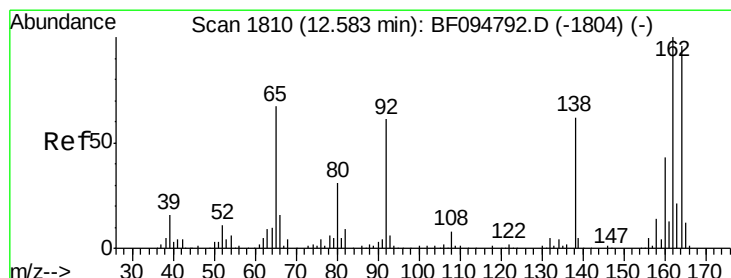
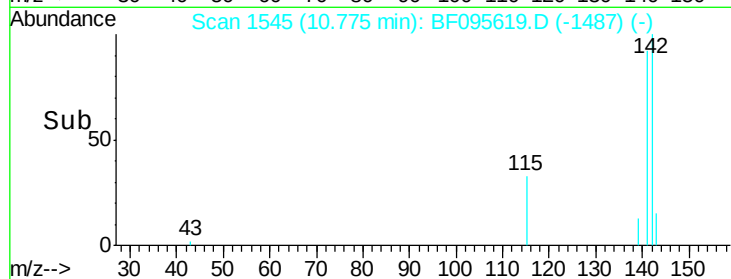
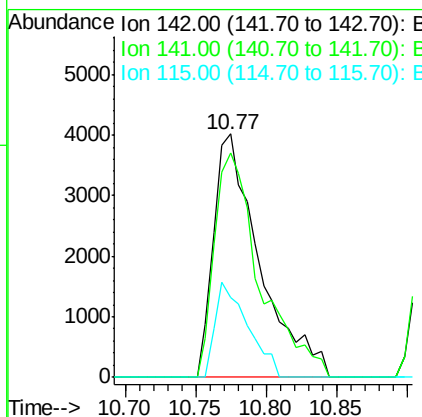
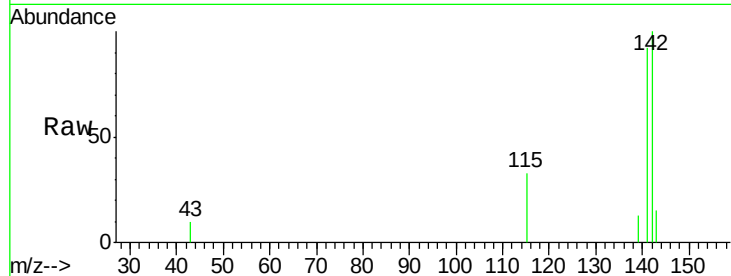




#37
 2-Methylnaphthalene
 Concen: 0.765 ng
 RT: 10.77 min Scan# 1545
 Delta R.T. 0.04 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

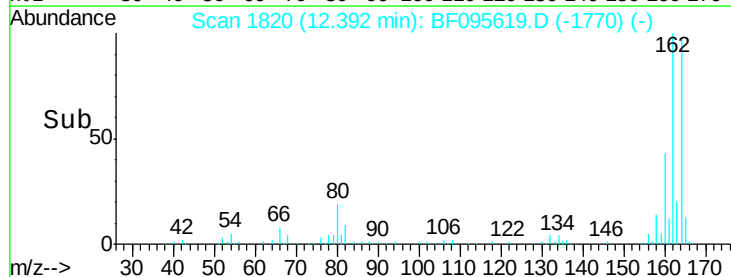
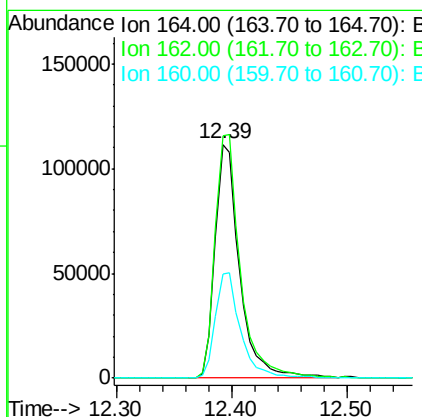
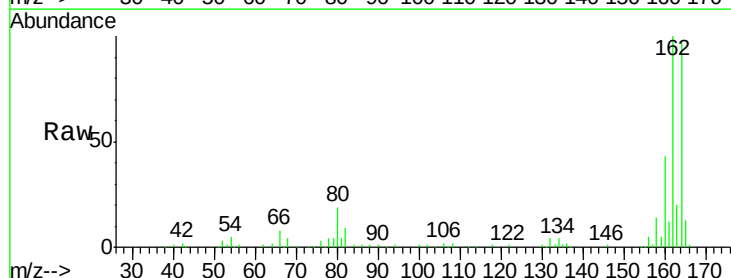
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

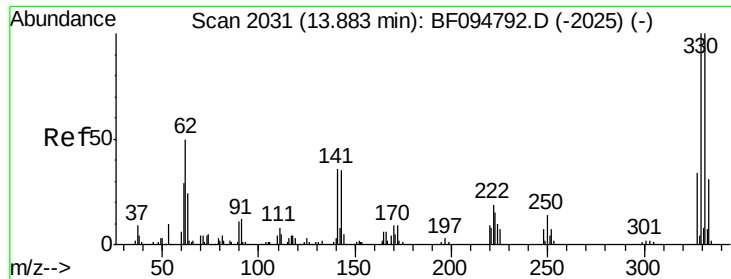
Tgt Ion:142 Resp: 9185
 Ion Ratio Lower Upper
 142 100
 141 92.4 71.3 106.9
 115 32.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion:164 Resp: 165384
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 44.4 36.2 54.2

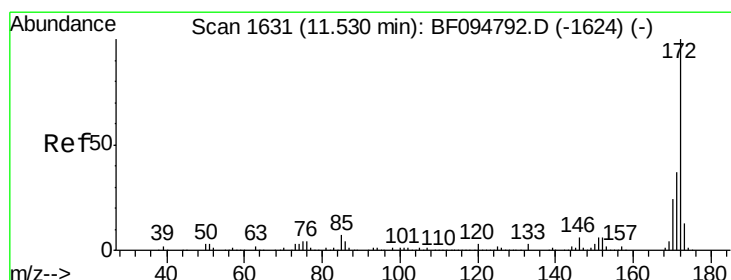
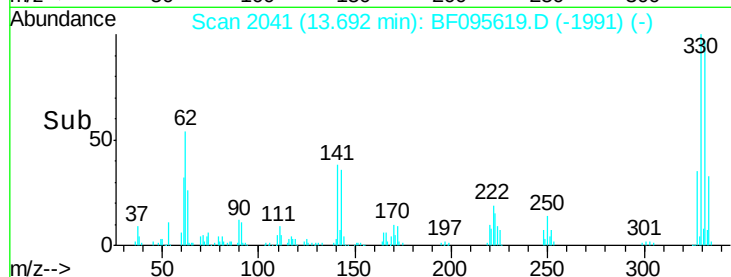
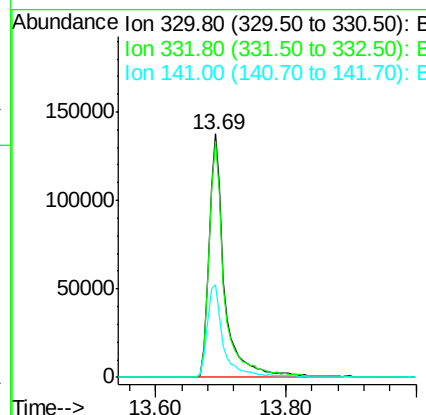
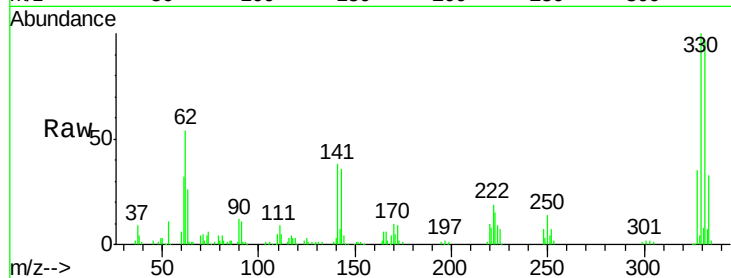




#41
 2,4,6-Tribromophenol
 Concen: 167.063 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

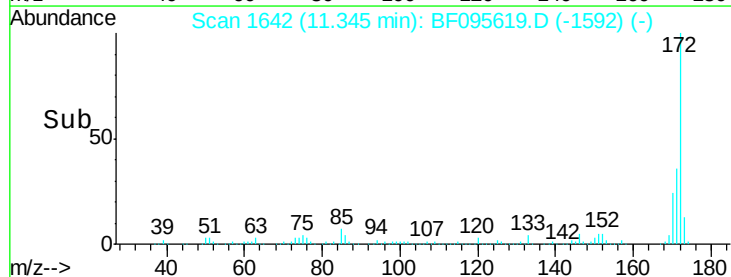
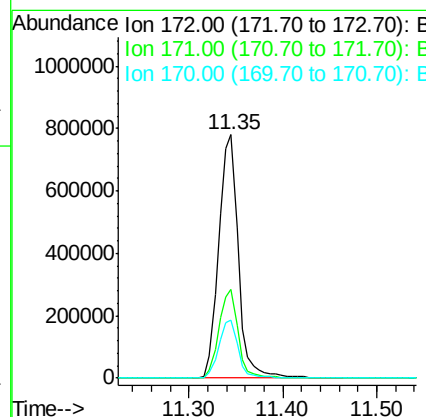
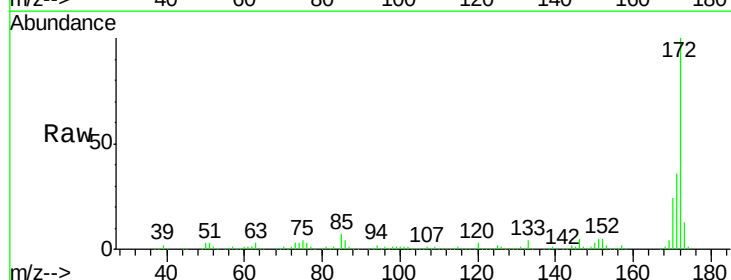
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

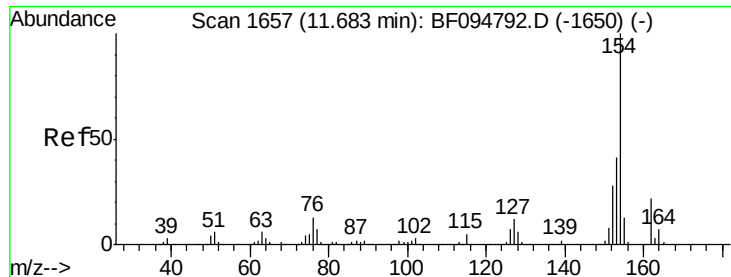
Tgt Ion:330 Resp: 226277
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 99.861 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion:172 Resp: 1147424
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.6 19.8 29.8

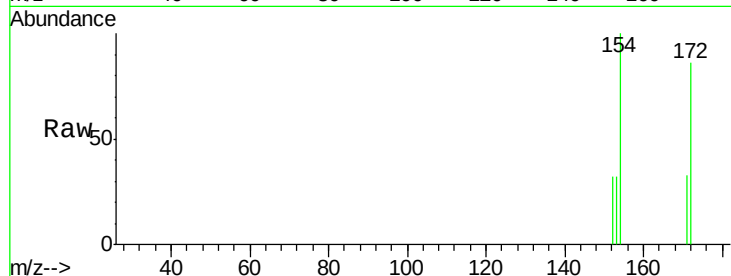




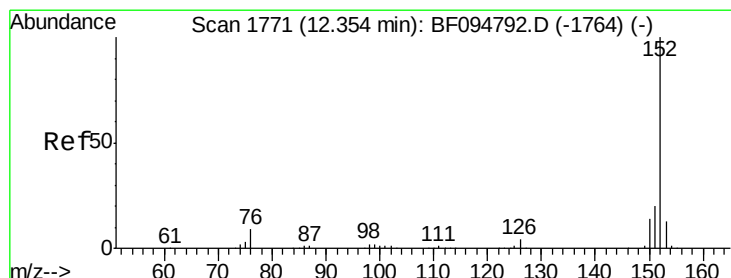
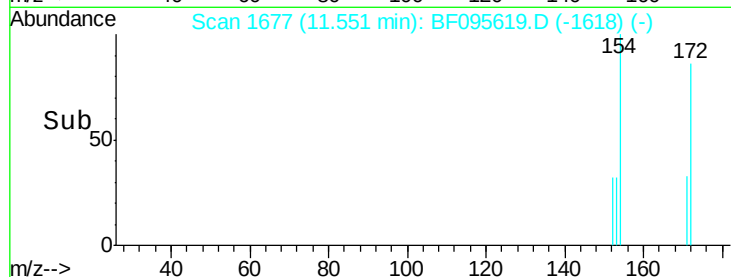
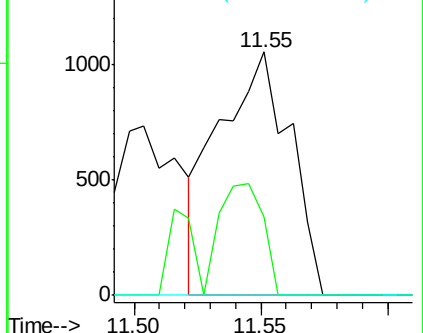
#45
 1,1'-Biphenyl
 Concen: 0.148 ng
 RT: 11.55 min Scan# 1677
 Delta R.T. 0.05 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Tgt Ion:154 Resp: 2061
 Ion Ratio Lower Upper
 154 100
 153 32.1 21.2 61.2
 76 0.0 0.0 29.9

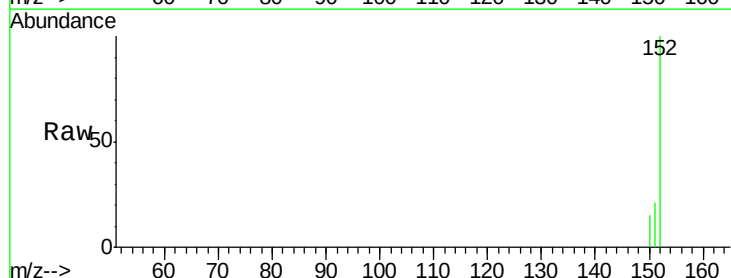


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

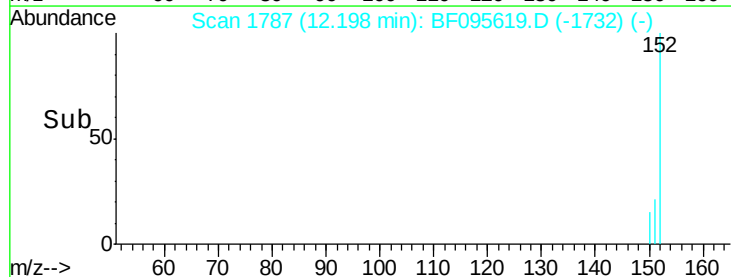
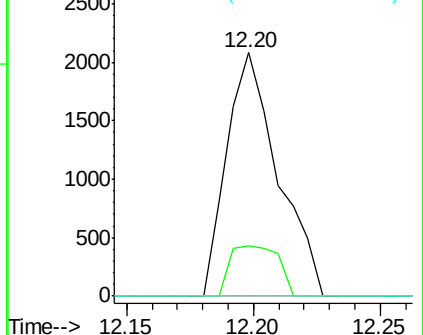


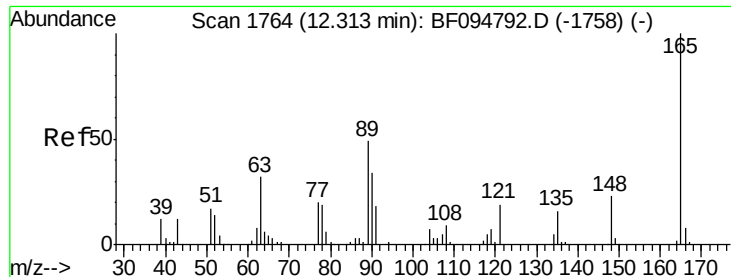
#48
 Acenaphthylene
 Concen: 0.167 ng
 RT: 12.20 min Scan# 1787
 Delta R.T. 0.02 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion:152 Resp: 2935
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 0.0 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

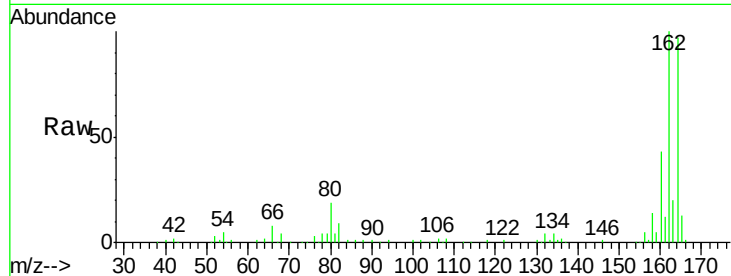




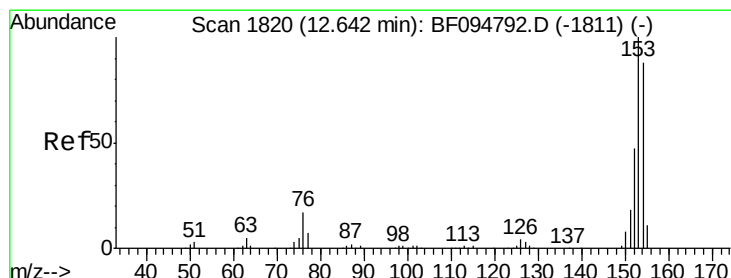
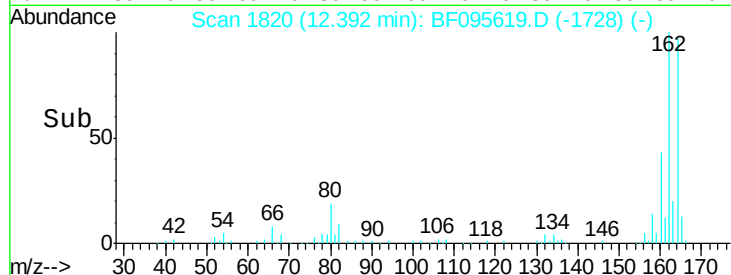
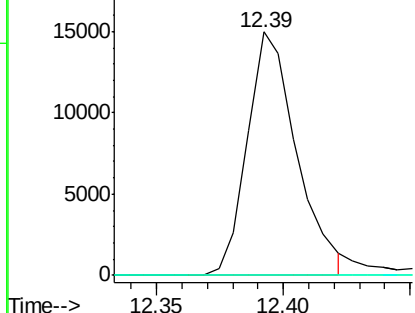
#50
 2,6-Dinitrotoluene
 Concen: 7.330 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

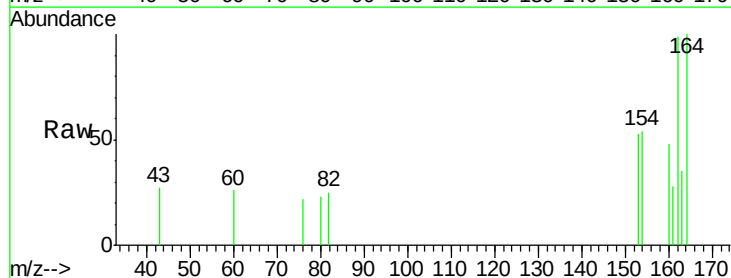


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

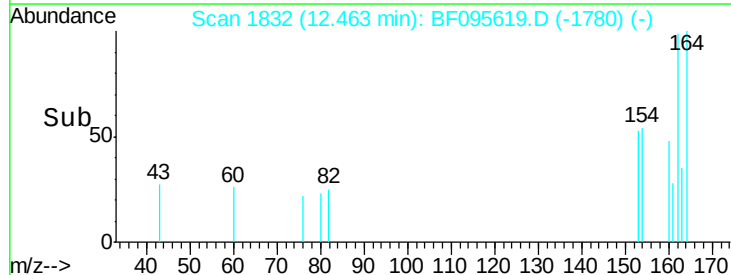
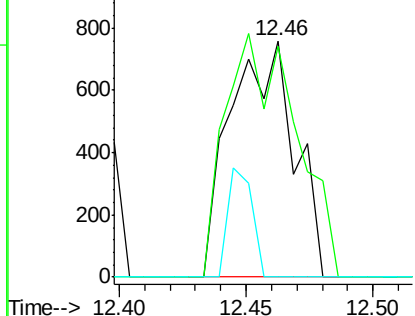


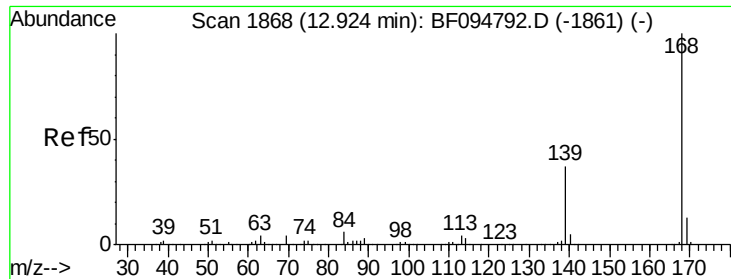
#51
 Acenaphthene
 Concen: 0.127 ng
 RT: 12.46 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	97.6	90.5	135.7
152	0.0	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





#54

Dibenzenofuran

Concen: 0.258 ng

RT: 12.80 min Scan# 1889

Delta R.T. 0.05 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

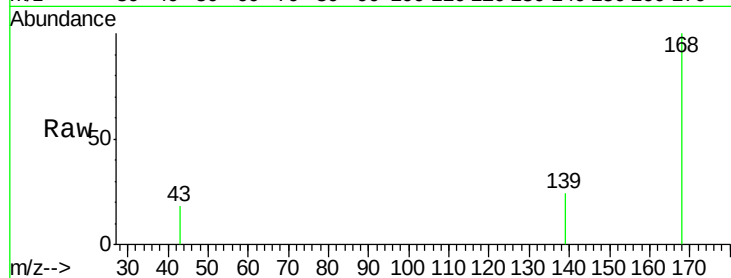
Tgt Ion:168 Resp: 3751

Ion Ratio Lower Upper

168 100

139 24.0 30.6 45.8#

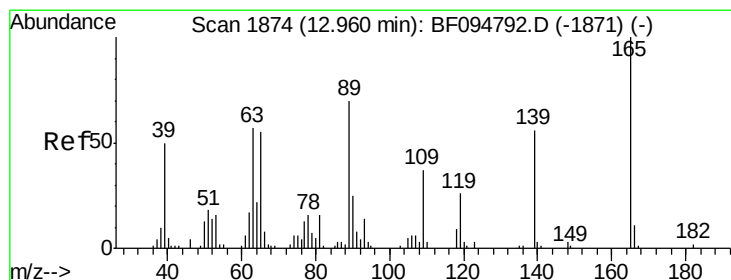
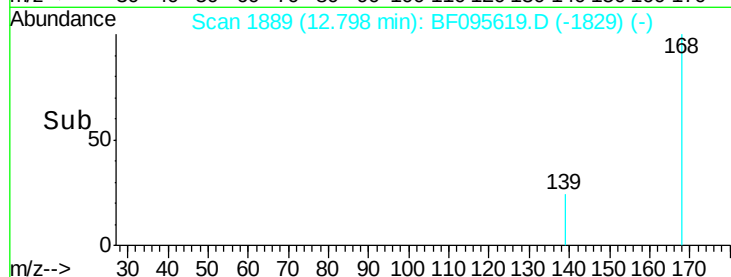
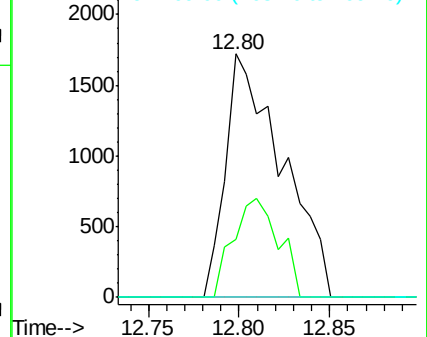
169 0.0 10.8 16.2#



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: 0.683 ng

RT: 12.81 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

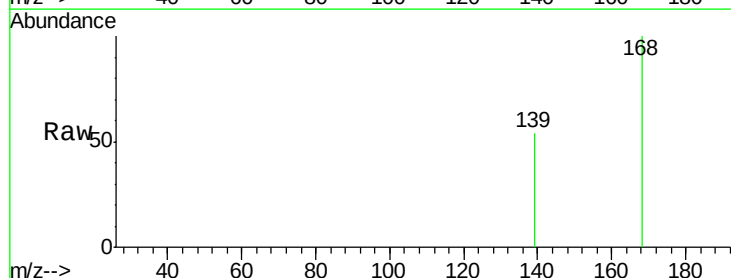
Tgt Ion:139 Resp: 1220

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

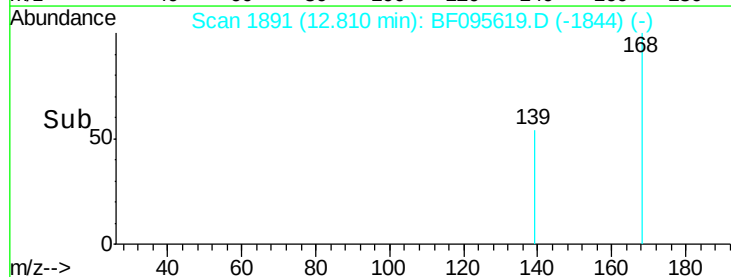
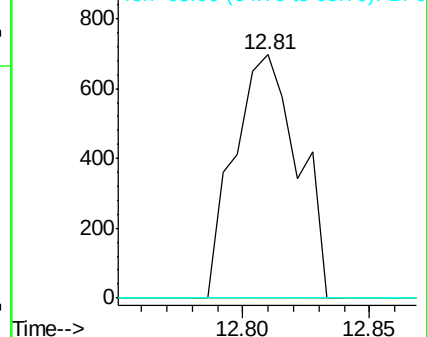
65 0.0 31.4 71.4#

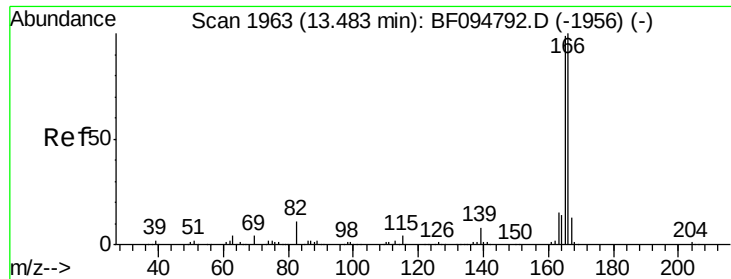


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

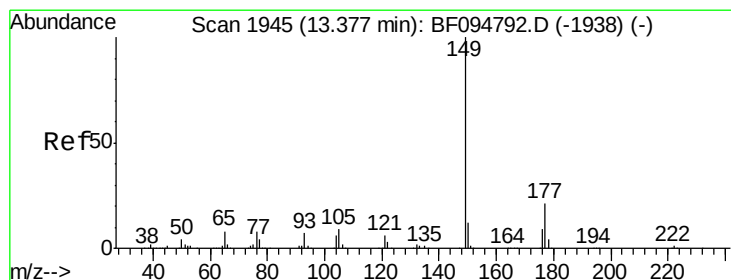
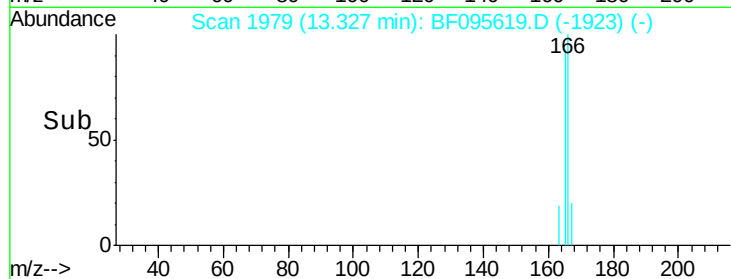
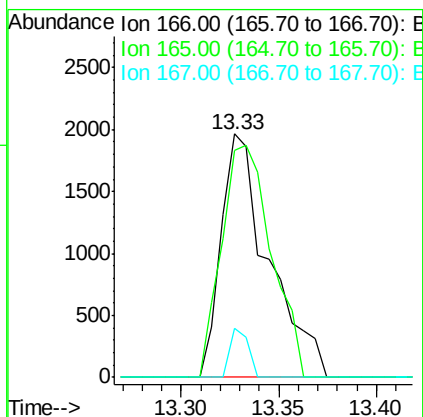
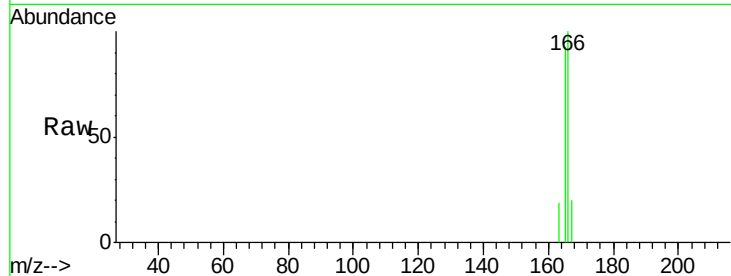




#57
 Fluorene
 Concen: 0.262 ng
 RT: 13.33 min Scan# 1979
 Delta R.T. 0.03 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

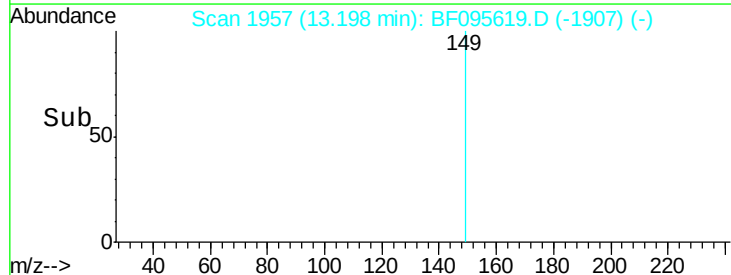
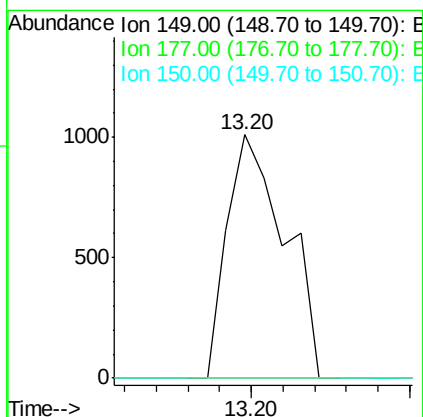
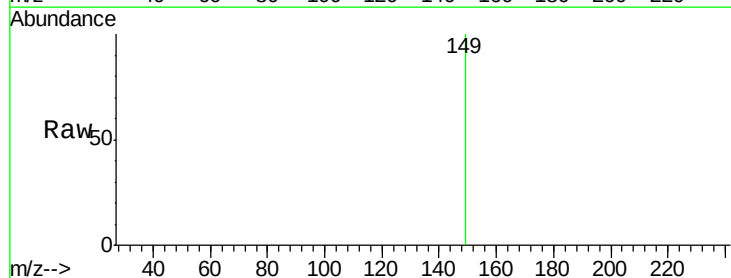
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

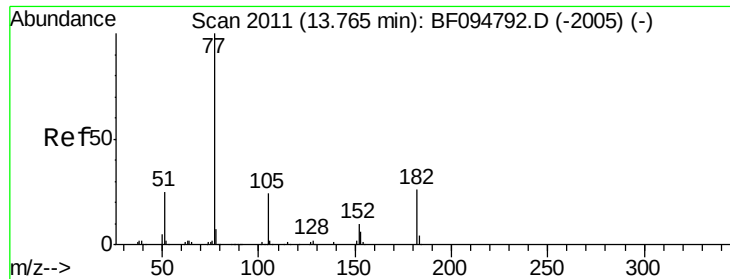
Tgt Ion:166 Resp: 3319
 Ion Ratio Lower Upper
 166 100
 165 93.4 78.8 118.2
 167 20.2 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.098 ng
 RT: 13.20 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion:149 Resp: 1272
 Ion Ratio Lower Upper
 149 100
 177 0.0 16.7 25.1#
 150 0.0 10.2 15.2#

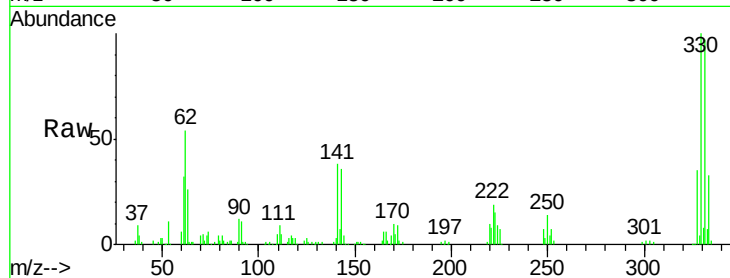




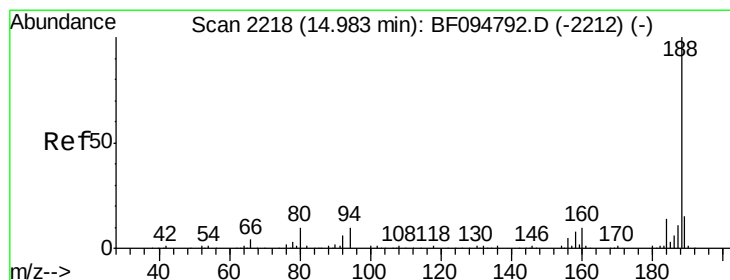
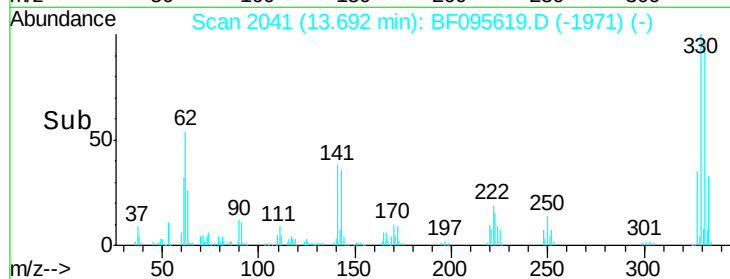
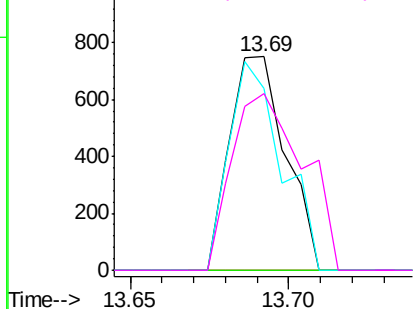
#62
Azobenzene
Concen: 0.088 ng
RT: 13.69 min Scan# 2041
Delta R.T. 0.11 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

Tgt Ion: 77 Resp: 921
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 85.1 3.6 43.6#
51 82.4 9.4 49.4#

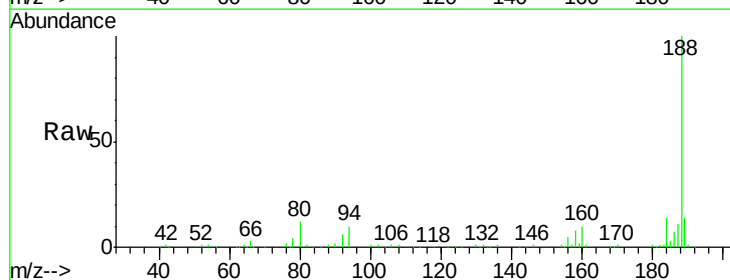


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

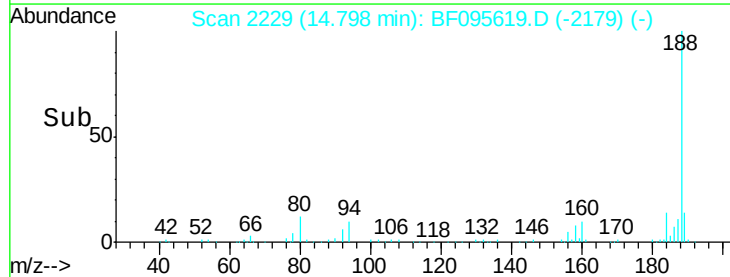
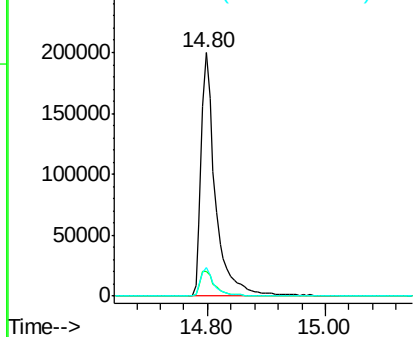


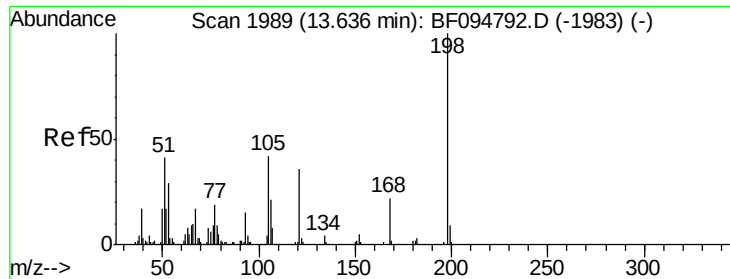
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion: 188 Resp: 336323
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 0.168 ng

RT: 13.69 min Scan# 2040

Delta R.T. 0.19 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

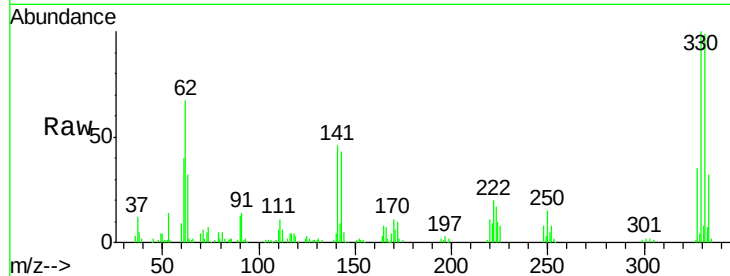
Tgt Ion:198 Resp: 378

Ion Ratio Lower Upper

198 100

51 142.0 53.2 93.2#

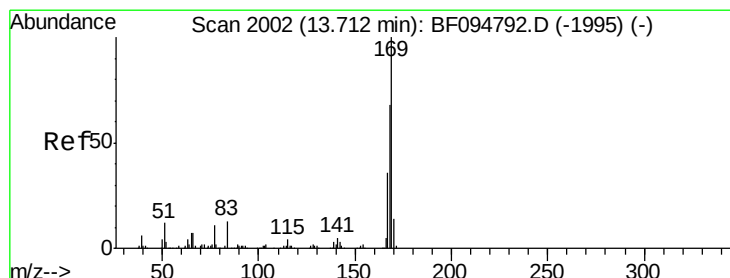
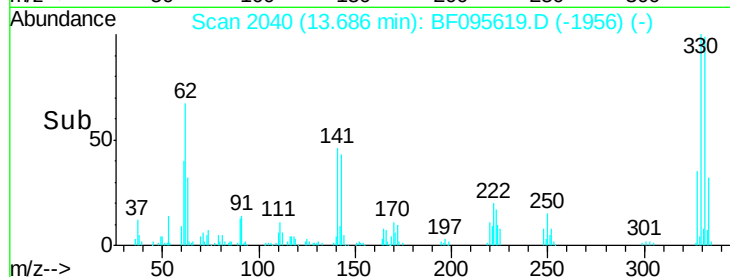
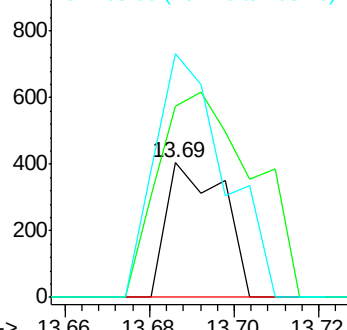
105 180.7 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.612 ng

RT: 13.69 min Scan# 2041

Delta R.T. 0.16 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

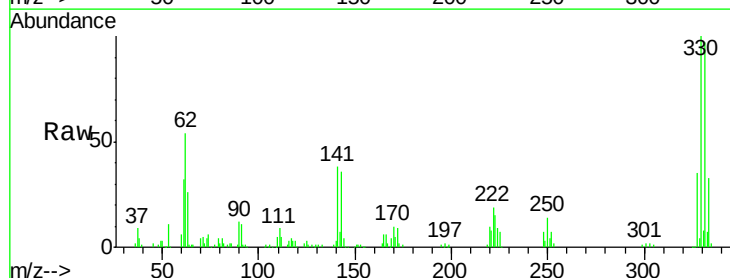
Tgt Ion:169 Resp: 7472

Ion Ratio Lower Upper

169 100

168 7.6 53.2 79.8#

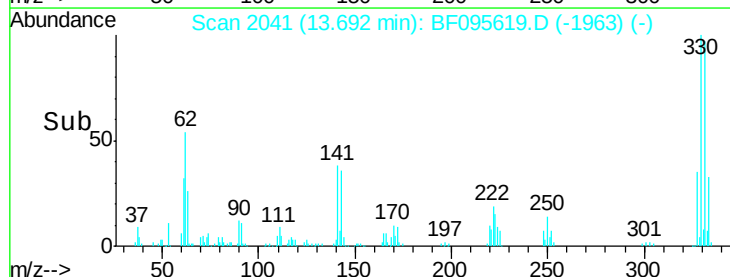
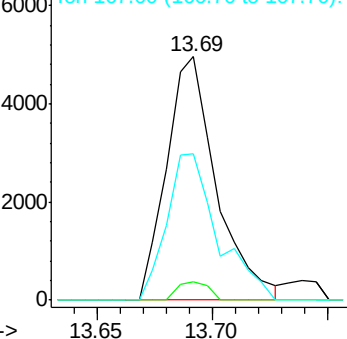
167 60.3 29.5 44.3#

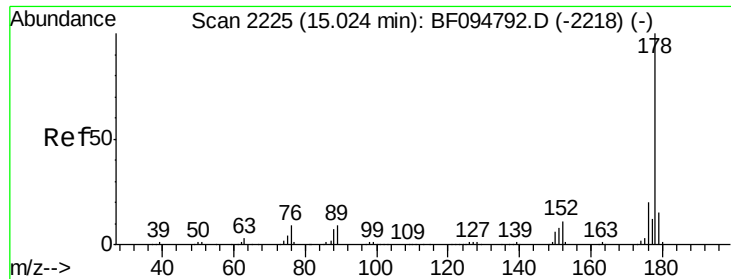


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.399 ng

RT: 14.84 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

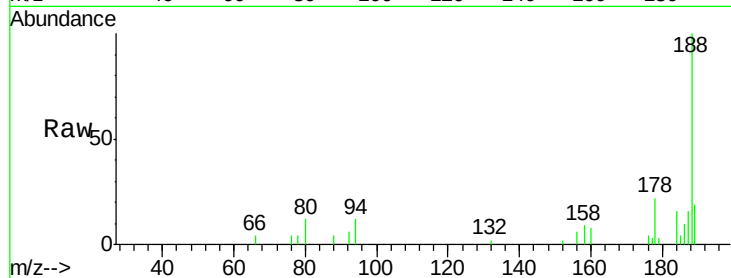
Tgt Ion:178 Resp: 7715

Ion Ratio Lower Upper

178 100

176 17.6 16.2 24.4

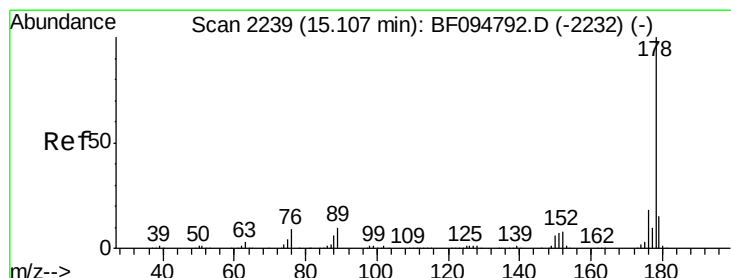
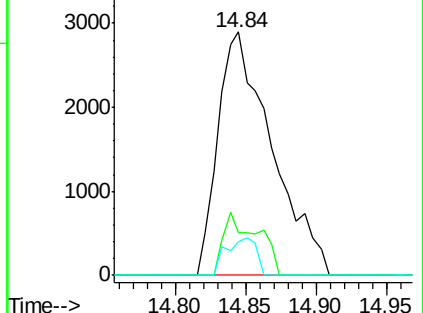
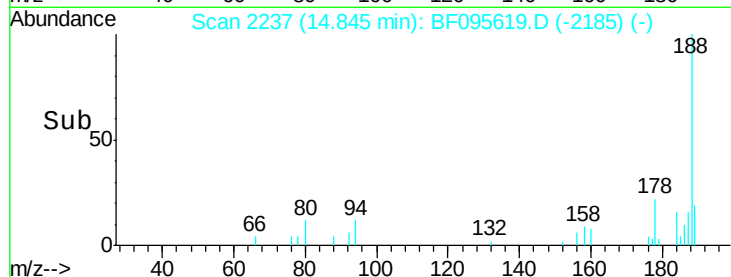
179 13.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.391 ng

RT: 14.84 min Scan# 2237

Delta R.T. -0.08 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

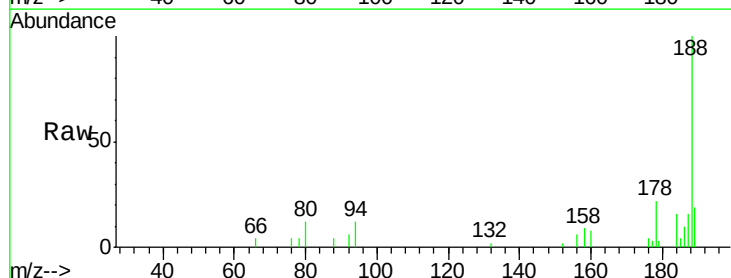
Tgt Ion:178 Resp: 7715

Ion Ratio Lower Upper

178 100

176 17.6 15.8 23.8

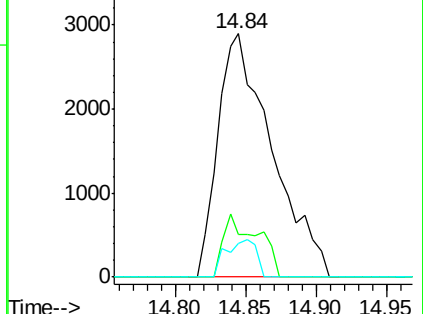
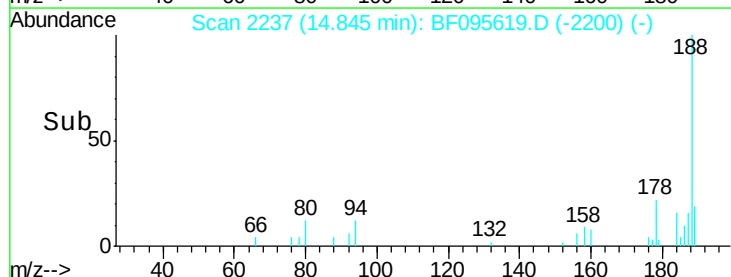
179 13.9 12.7 19.1

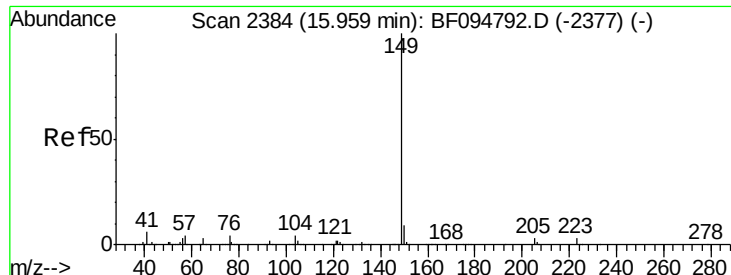


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

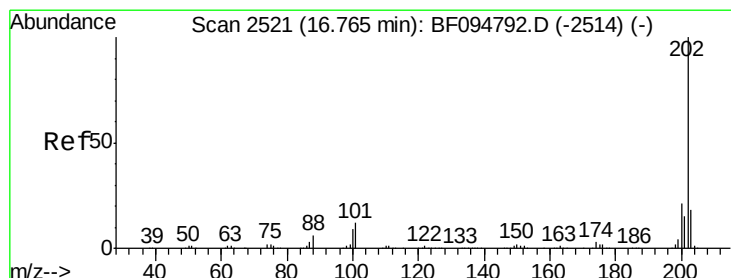
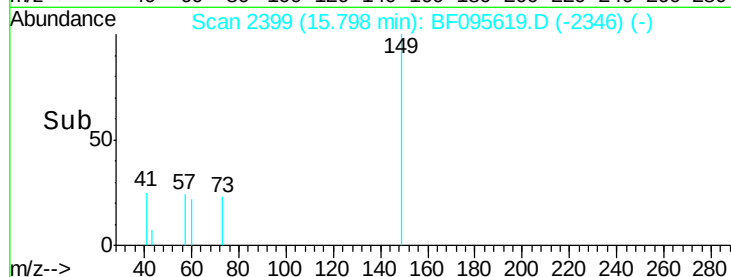
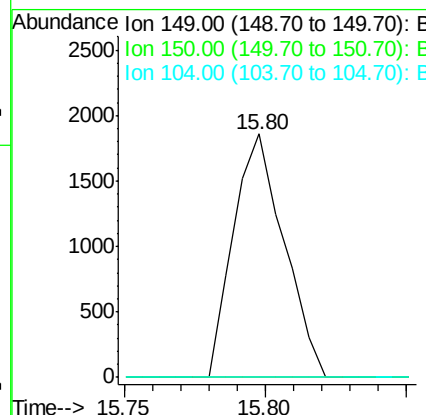
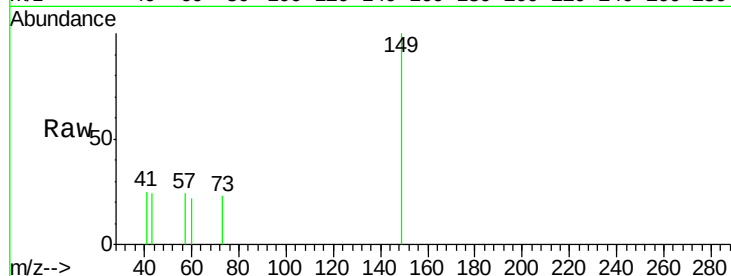




#73
Di-n-butylphthalate
Concen: 0.103 ng
RT: 15.80 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

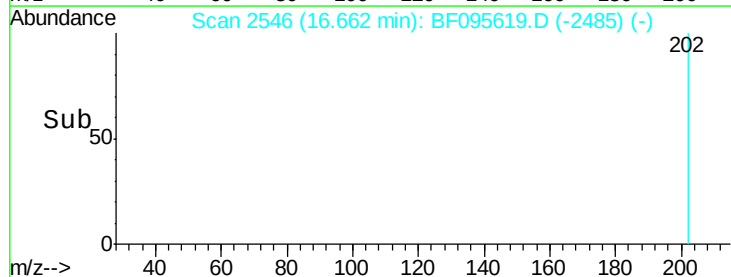
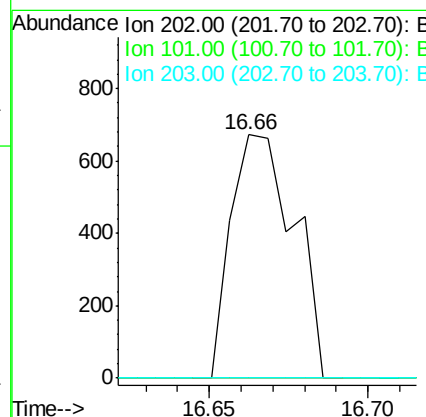
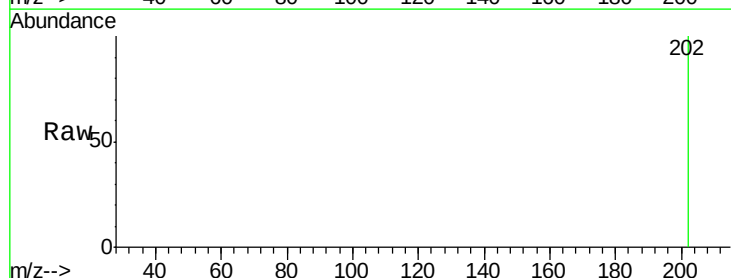
Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

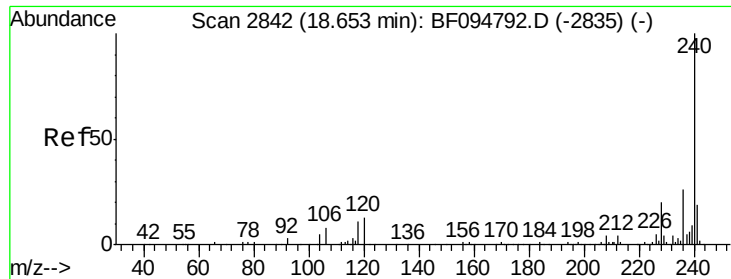
Tgt Ion:149 Resp: 2309
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.0 6.0#



#74
Fluoranthene
Concen: 0.047 ng
RT: 16.66 min Scan# 2546
Delta R.T. 0.06 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:202 Resp: 927
Ion Ratio Lower Upper
202 100
101 0.0 0.0 33.2
203 0.0 0.0 38.1

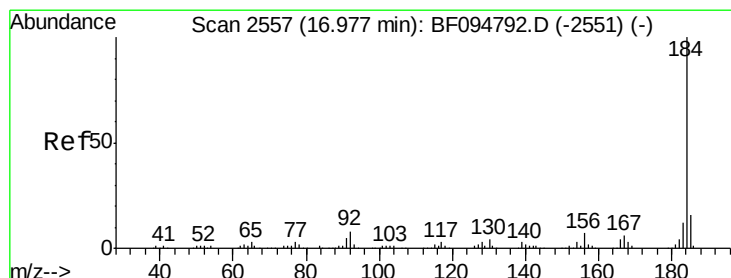
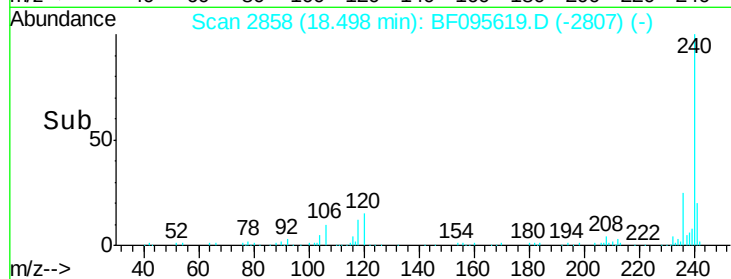
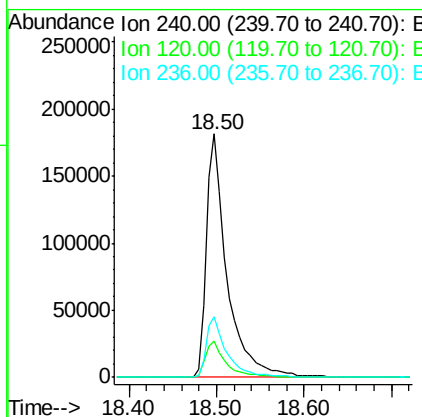
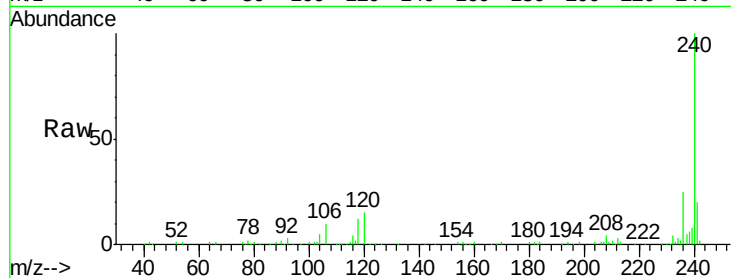




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. 0.00 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

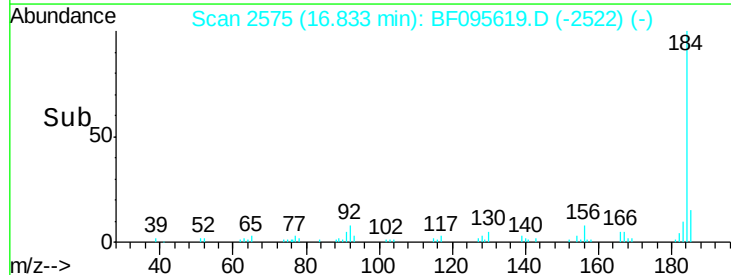
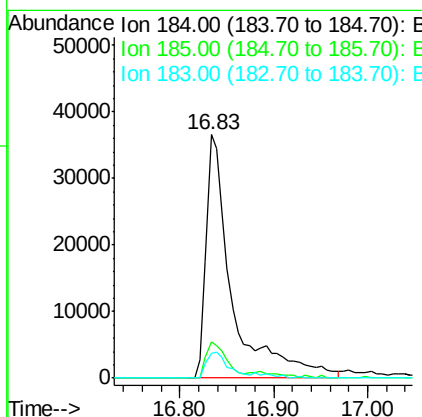
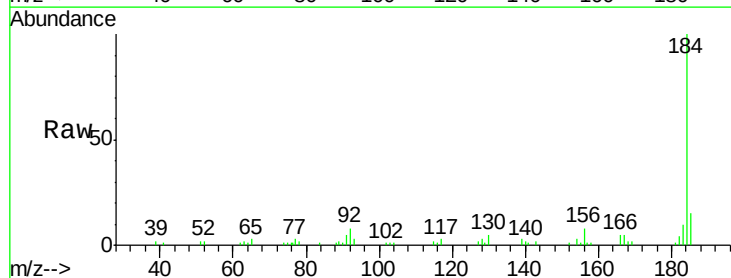
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

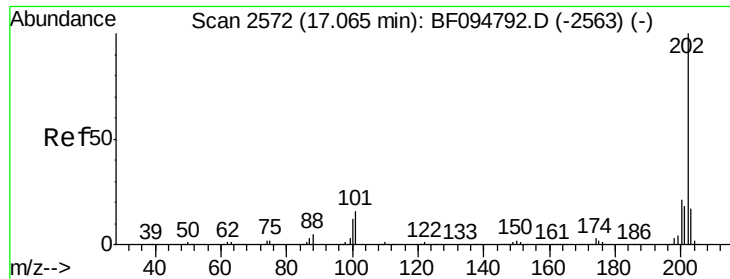
Tgt Ion: 240 Resp: 297339
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.7 20.5 30.7



#76
 Benzidine
 Concen: 14.249 ng
 RT: 16.83 min Scan# 2575
 Delta R.T. 0.01 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion: 184 Resp: 71403
 Ion Ratio Lower Upper
 184 100
 185 15.0 15.5 23.3#
 183 10.3 9.8 14.6

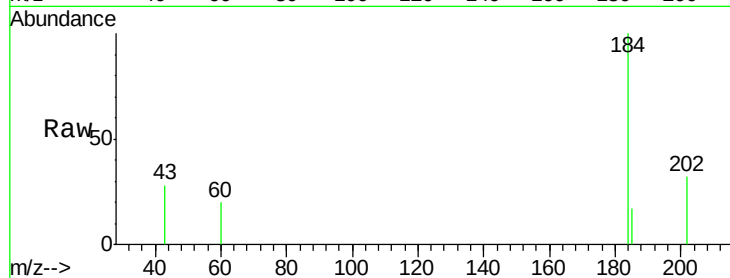




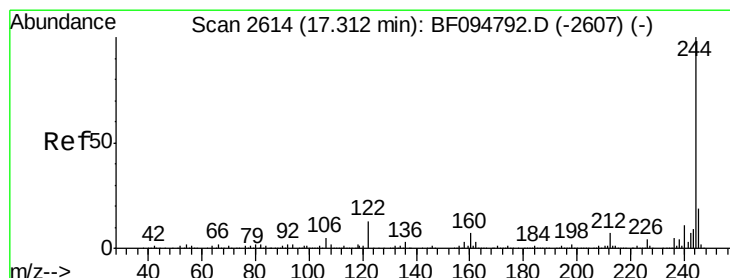
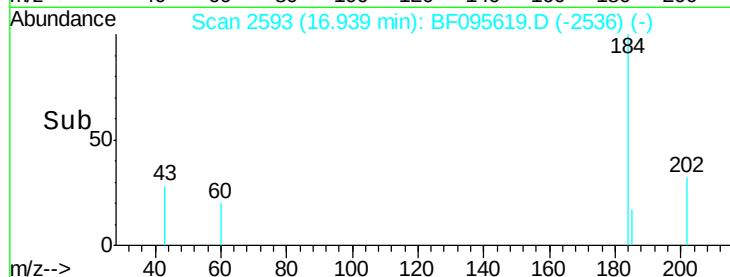
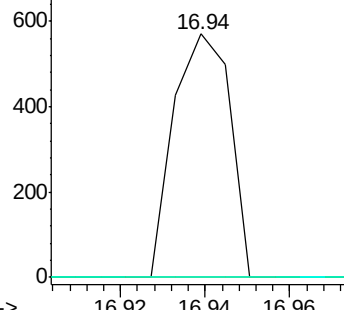
#77
Pyrene
 Concen: 0.024 ng
 RT: 16.94 min Scan# 2593
 Delta R.T. 0.04 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Tgt Ion: 202 Resp: 529
 Ion Ratio Lower Upper
 202 100
 200 0.0 17.6 26.4#
 203 0.0 14.4 21.6#

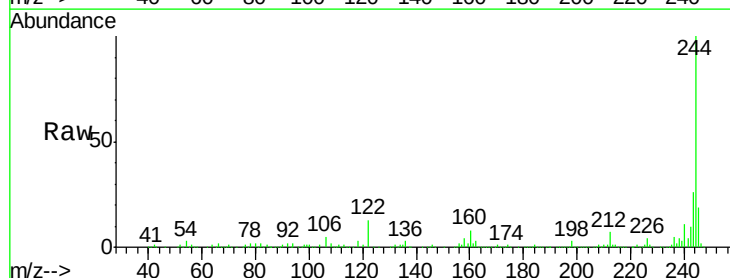


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

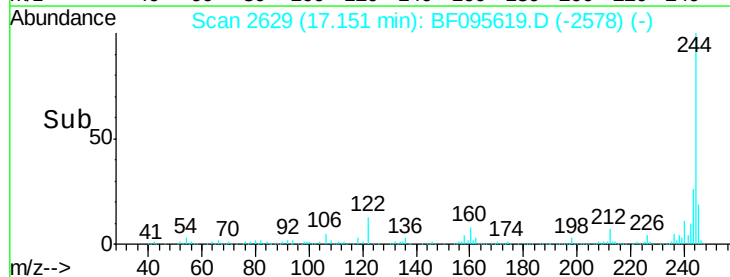
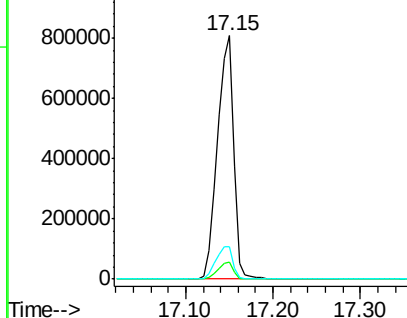


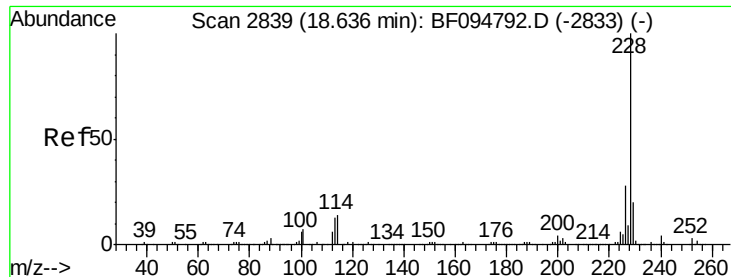
#78
Terphenyl-d14
 Concen: 77.753 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. 0.00 min
 Lab File: BF095619.D
 Acq: 2 Jun 2017 5:29

Tgt Ion: 244 Resp: 1049638
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 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





#80

Benzo(a)anthracene

Concen: 0.037 ng

RT: 18.49 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

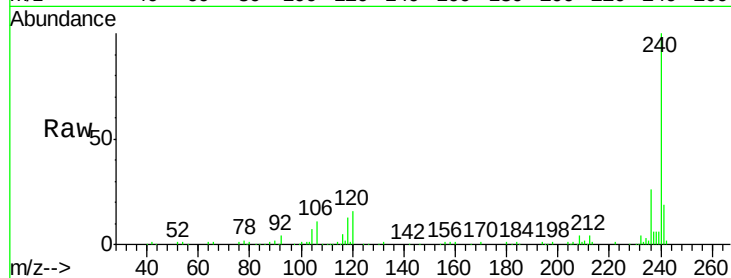
Tgt Ion:228 Resp: 634

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

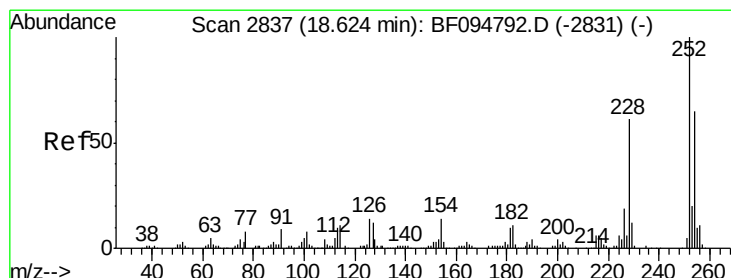
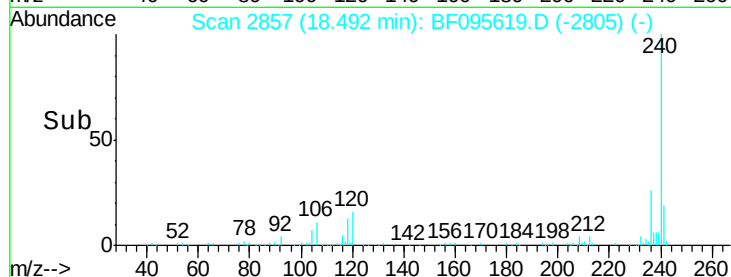
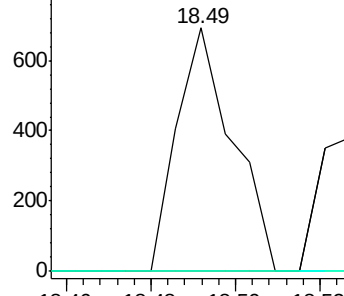
229 0.0 16.3 24.5#



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: 0.040 ng

RT: 18.54 min Scan# 2865

Delta R.T. 0.07 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

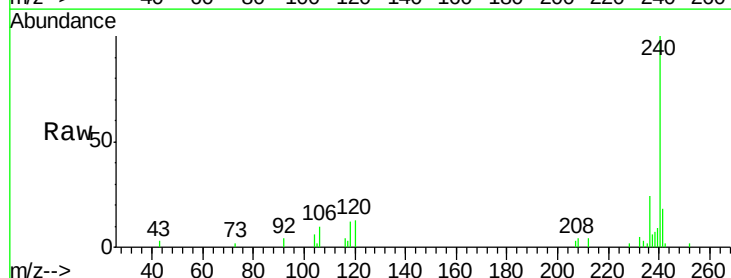
Tgt Ion:252 Resp: 242

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

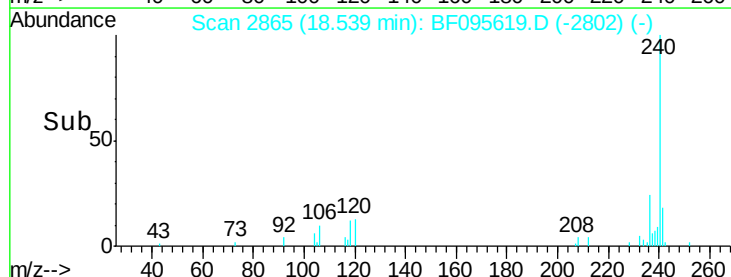
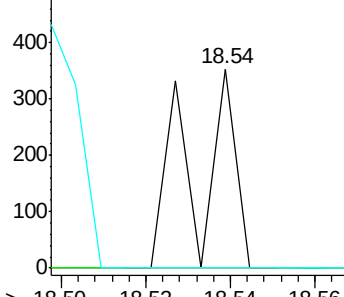
126 0.0 15.8 23.8#

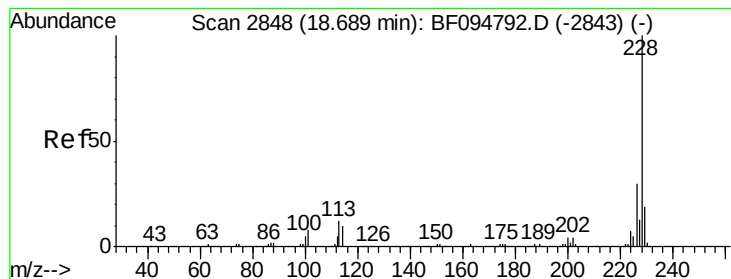


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.031 ng

RT: 18.54 min Scan# 2865

Delta R.T. 0.01 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

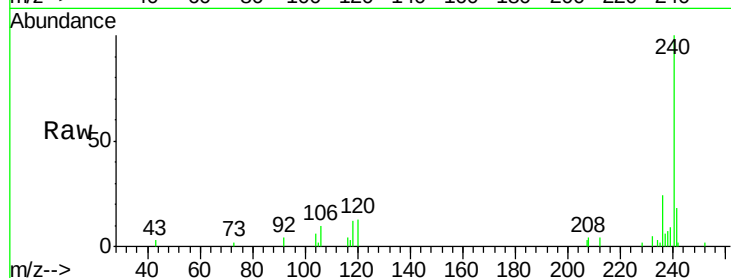
Tgt Ion:228 Resp: 527

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

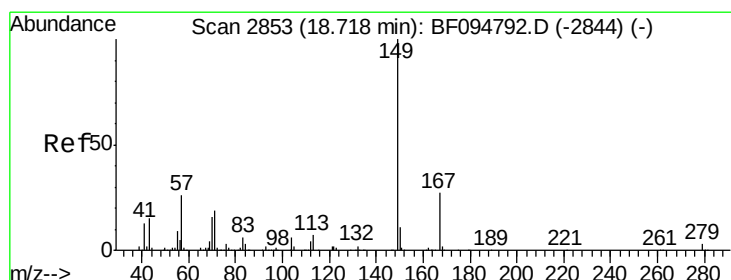
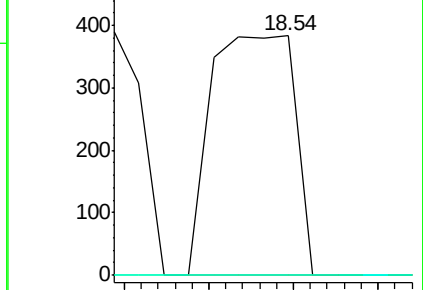
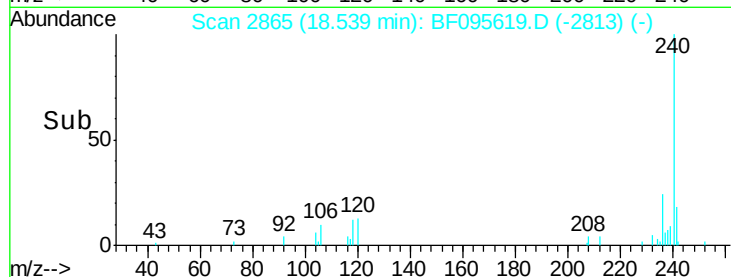
229 0.0 15.8 23.6#



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: 0.130 ng

RT: 18.56 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BF095619.D

Acq: 2 Jun 2017 5:29

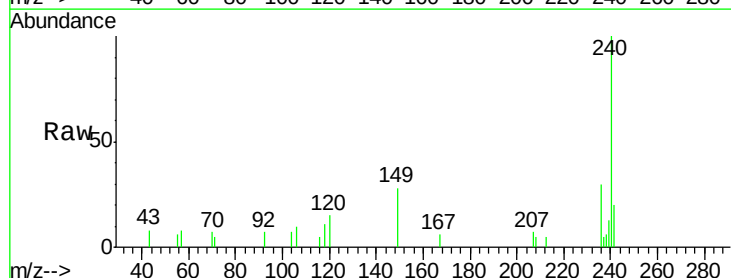
Tgt Ion:149 Resp: 1914

Ion Ratio Lower Upper

149 100

167 22.1 21.0 31.4

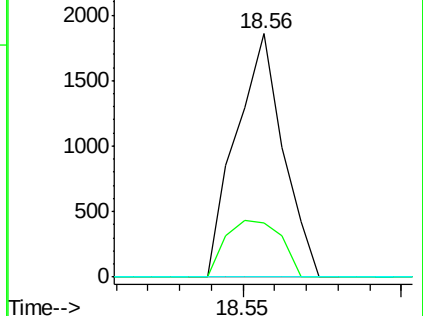
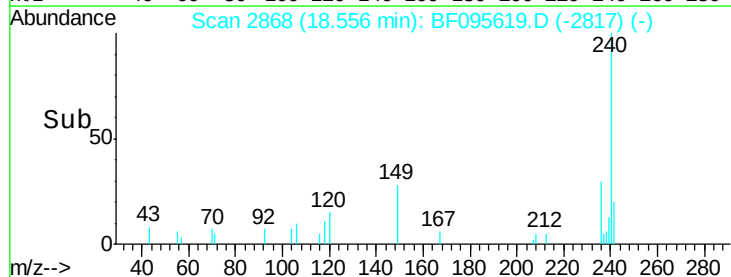
279 0.0 1.9 2.9#

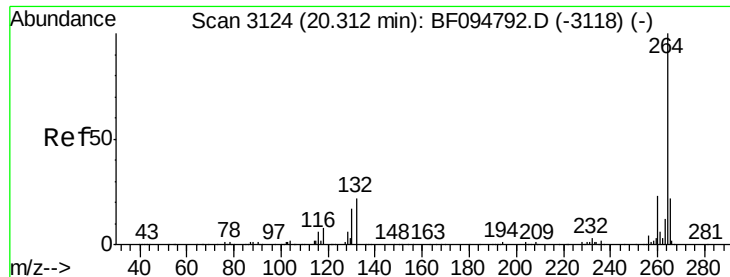


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

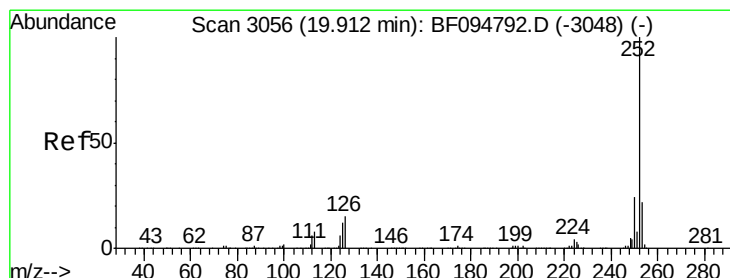
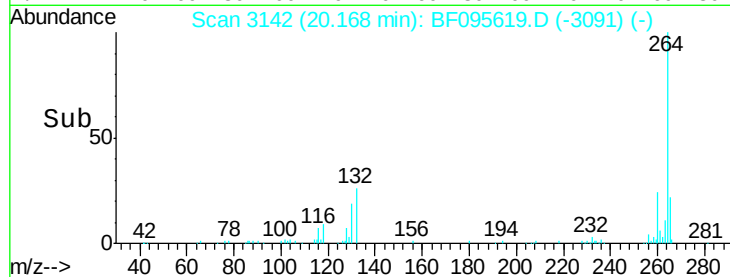
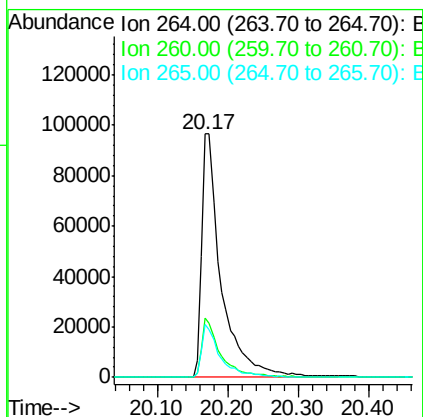
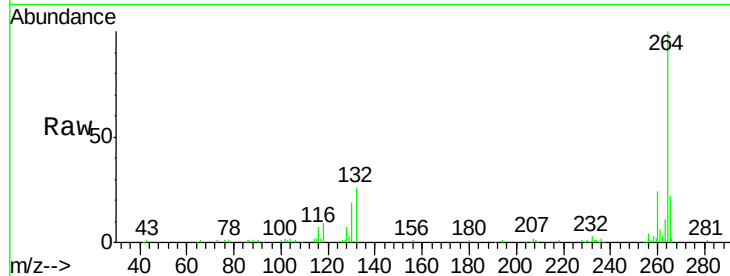




#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

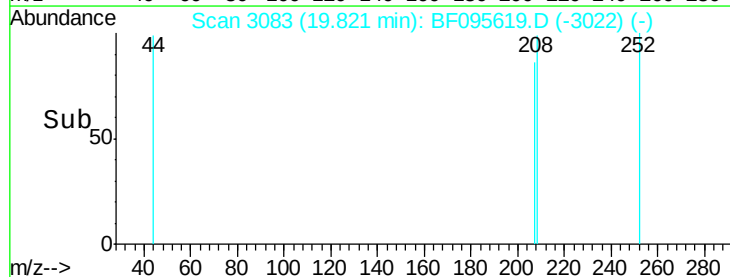
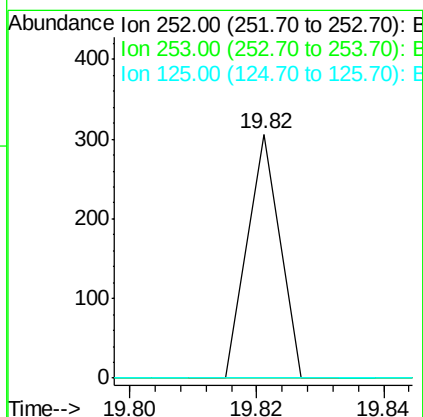
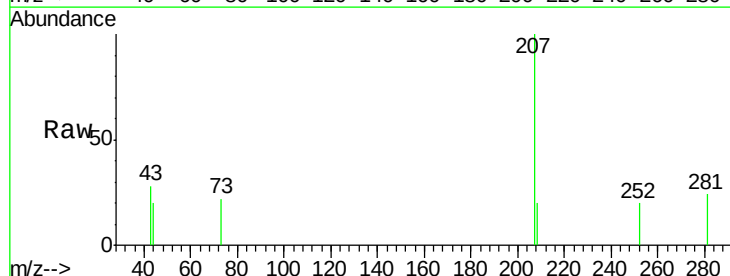
Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

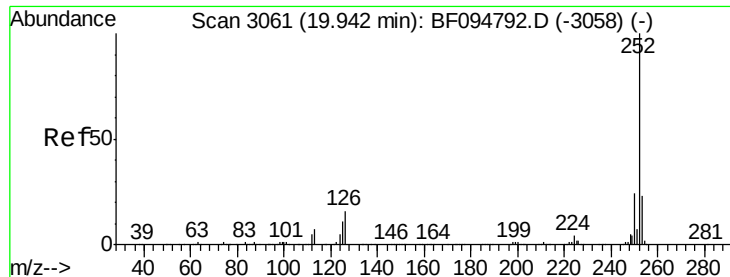
Tgt Ion: 264 Resp: 187647
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.009 ng
RT: 19.82 min Scan# 3083
Delta R.T. 0.06 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion: 252 Resp: 108
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 9.8 14.8#

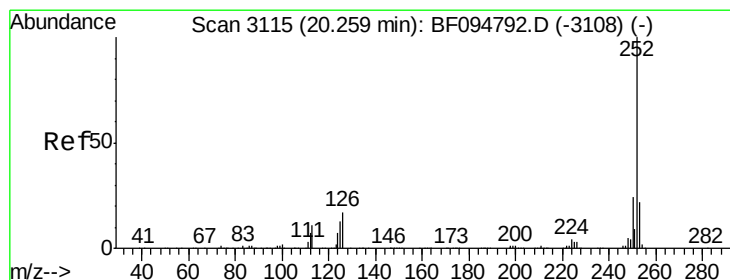
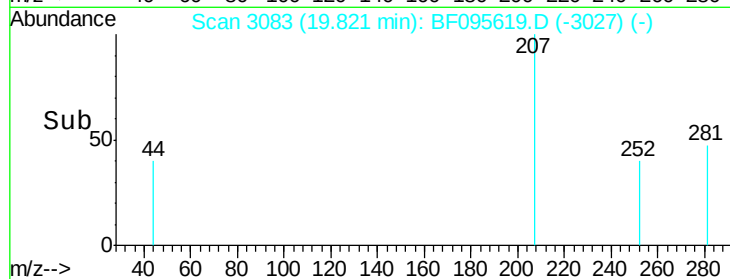
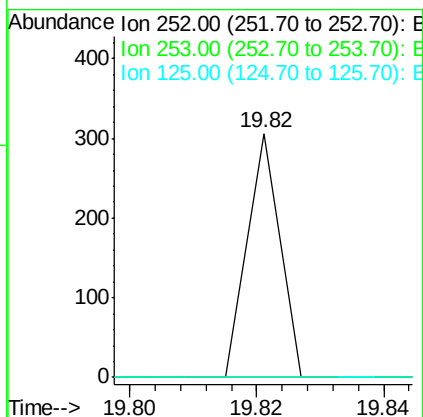
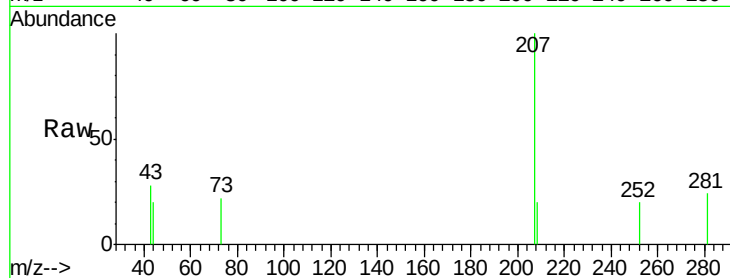




#88
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 19.82 min Scan# 3083
Delta R.T. 0.03 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

Tgt Ion:252 Resp: 108
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 0.0 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 0.011 ng
RT: 20.17 min Scan# 3143
Delta R.T. 0.06 min
Lab File: BF095619.D
Acq: 2 Jun 2017 5:29

Tgt Ion:252 Resp: 115
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 11.0 16.4#

