

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095626.D
 Acq On : 2 Jun 2017 9:14
 Operator : SJ/MA
 Sample : I3415-02 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

Quant Time: Jun 17 00:58:49 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	103468	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	430013	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	180392	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	299659	20.00	ng	0.00
75) Chrysene-d12	18.50	240	202081	20.00	ng	0.00
86) Perylene-d12	20.17	264	182682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	130311	21.00	ng	0.04
7) Phenol-d6	7.12	99	189839	25.49	ng	0.02
23) Nitrobenzene-d5	8.47	82	107316	15.74	ng	0.00
41) 2,4,6-Tribromophenol	13.70	330	29595	20.03	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	150253	11.99	ng	0.00
78) Terphenyl-d14	17.14	244	85235	9.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	1013	0.333	ng	# 21
4) n-Nitrosodimethylamine	2.20	42	110	0.037	ng	# 1
9) Benzaldehyde	7.03	77	119	0.026	ng	# 1
10) Phenol	7.15	94	5613	0.715	ng	# 61
15) Benzyl Alcohol	7.77	79	1439	0.300	ng	# 23
18) Hexachloroethane	8.45	117	128	0.046	ng	# 1
19) n-Nitroso-di-n-propylamine	8.10	70	684	0.136	ng	# 79
20) 3+4-Methylphenols	8.56	107	916	0.117	ng	# 32
24) Nitrobenzene	8.43	77	110	0.015	ng	# 39
25) Isophorone	8.84	82	534	0.044	ng	# 67
31) Naphthalene	9.60	128	3366	0.156	ng	# 68
35) Caprolactam	10.36	113	1398	0.791	ng	# 79
37) 2-Methylnaphthalene	10.80	142	112	0.008	ng	# 15
47) 2-Nitroaniline	11.82	65	107	0.032	ng	# 7
48) Acenaphthylene	12.19	152	680	0.035	ng	# 60
49) Dimethylphthalate	12.05	163	41748	2.819	ng	# 97
50) 2,6-Dinitrotoluene	12.39	165	22401	7.414	ng	# 31
51) Acenaphthene	12.46	154	1144	0.100	ng	# 68
54) Dibenzofuran	12.80	168	864	0.054	ng	# 45
55) 4-Nitrophenol	12.79	139	108	0.055	ng	# 1
57) Fluorene	13.33	166	1457	0.106	ng	# 89
59) Diethylphthalate	13.20	149	127	0.009	ng	# 60
62) Azobenzene	13.70	77	119	0.010	ng	# 50
65) n-Nitrosodiphenylamine	13.61	169	889	0.082	ng	# 24
70) Phenanthrene	14.84	178	13874	0.806	ng	# 97
71) Anthracene	14.84	178	13874	0.789	ng	# 98
72) Carbazole	15.28	167	1543	0.096	ng	# 58
73) Di-n-butylphthalate	15.79	149	517	0.026	ng	# 78
74) Fluoranthene	16.62	202	15500	0.878	ng	# 97
77) Pyrene	16.92	202	14646	0.969	ng	# 92
79) Butylbenzylphthalate	17.85	149	108	0.015	ng	# 19
80) Benzo(a)anthracene	18.49	228	6432	0.547	ng	# 95
82) Chrysene	18.53	228	7367	0.648	ng	# 89
83) Bis(2-ethylhexyl)phthalate	18.55	149	1012	0.101	ng	# 74

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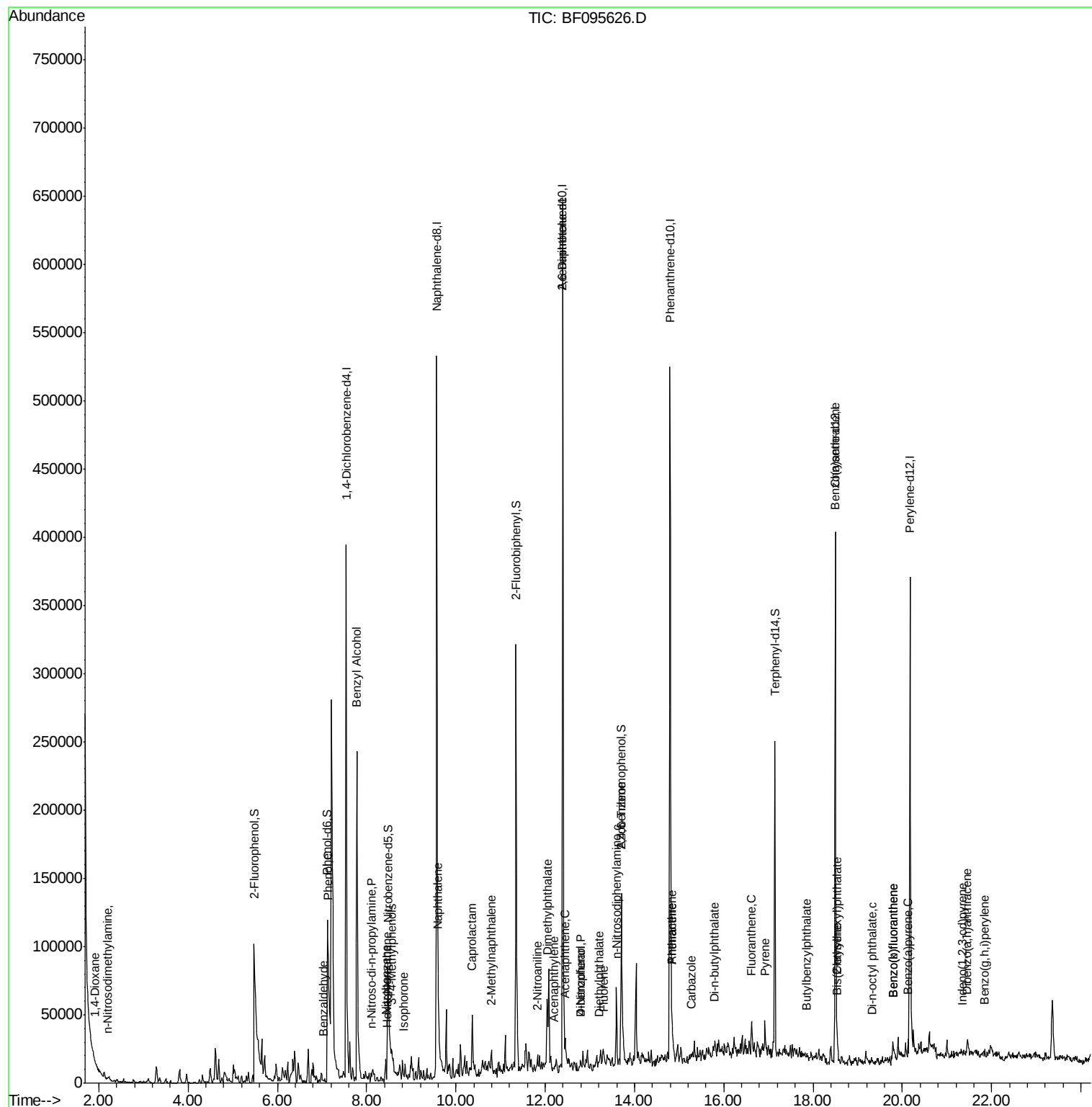
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	19.32	149	546	0.033	ng	# 1
85) Indeno(1,2,3-cd)pyrene	21.34	276	111	0.012	ng	# 44
87) Benzo(b)fluoranthene	19.79	252	7098	0.629	ng	# 85
88) Benzo(k)fluoranthene	19.79	252	7098	0.652	ng	# 88
89) Benzo(a)pyrene	20.13	252	5519	0.530	ng	# 92
90) Dibenzo(a,h)anthracene	21.46	278	381	0.044	ng	# 53
91) Benzo(g,h,i)perylene	21.85	276	1988	0.235	ng	# 75

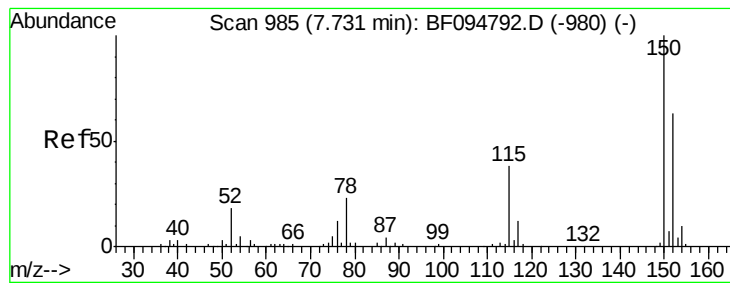
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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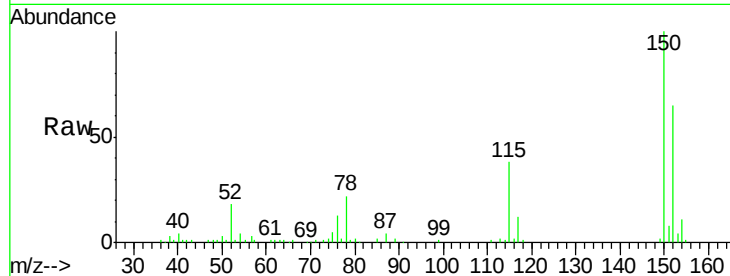




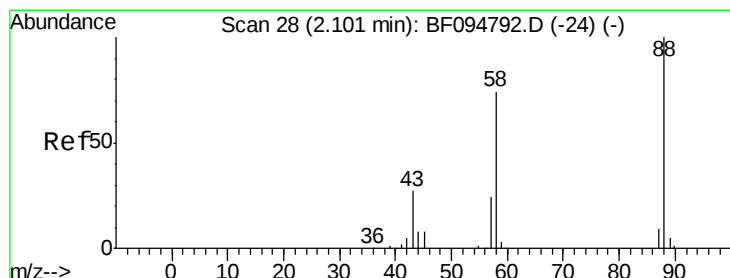
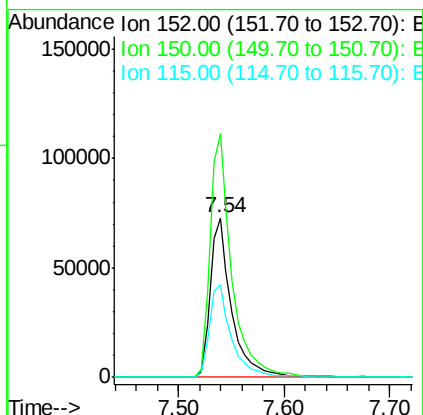
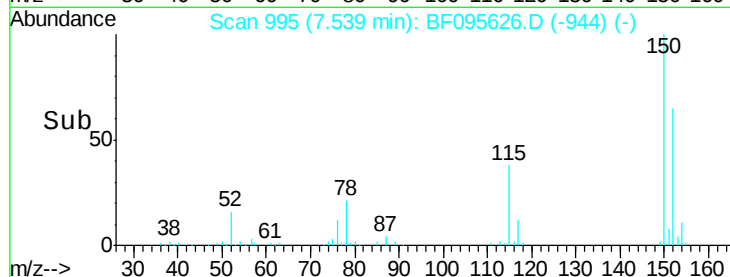
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

Tgt Ion: 152 Resp: 103468
 Ion Ratio Lower Upper
 152 100
 150 152.8 126.2 189.2
 115 58.4 52.2 78.2

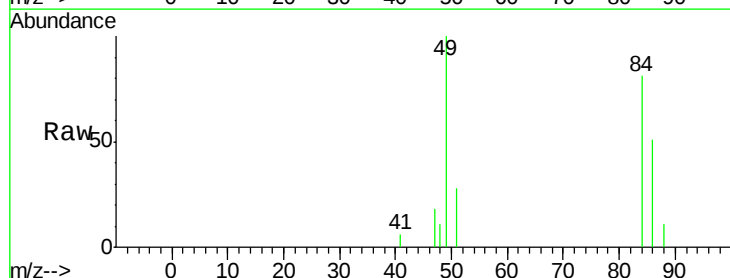


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

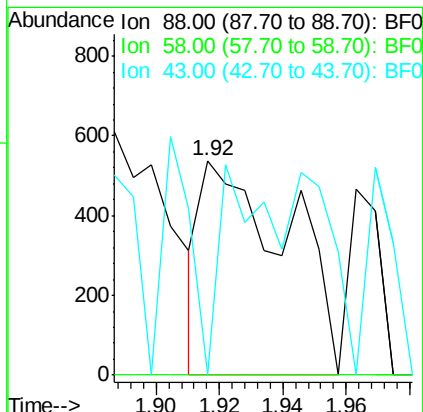
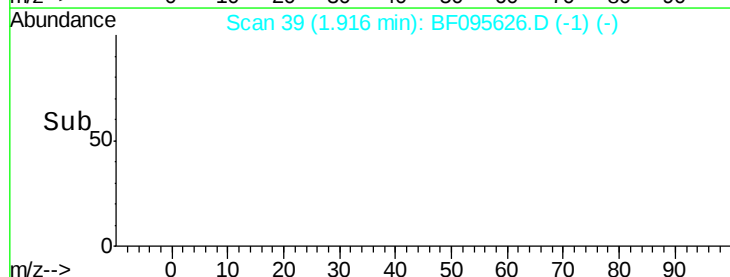


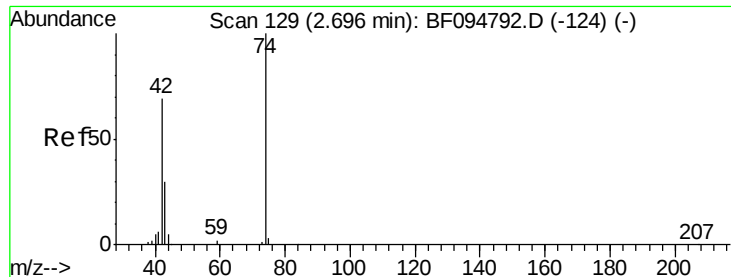
#2
 1,4-Dioxane
 Concen: 0.333 ng
 RT: 1.92 min Scan# 39
 Delta R.T. 0.06 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion: 88 Resp: 1013
 Ion Ratio Lower Upper
 88 100
 58 0.0 61.4 92.0#
 43 57.9 23.4 35.0#



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





#4

n-Nitrosodimethylamine

Concen: 0.037 ng

RT: 2.20 min Scan# 87

Delta R.T. -0.22 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

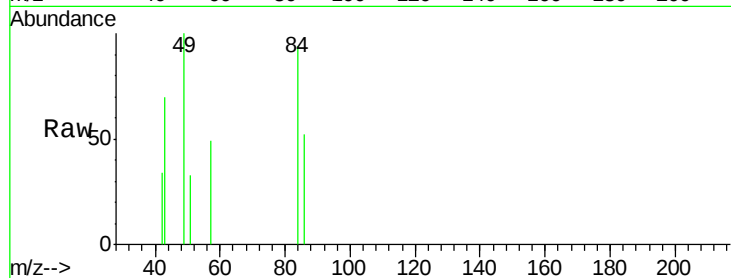
Tgt Ion: 42 Resp: 110

Ion Ratio Lower Upper

42 100

74 0.0 103.9 155.9#

44 0.0 5.7 8.5#

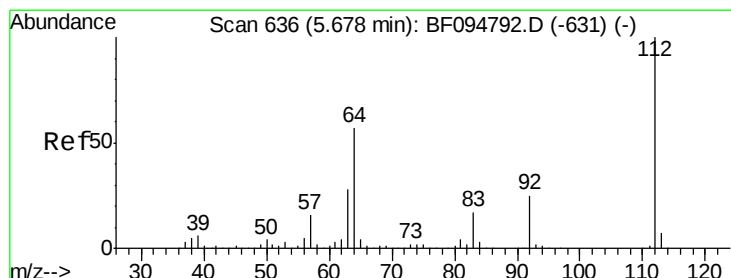
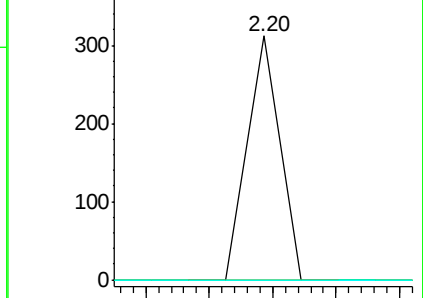
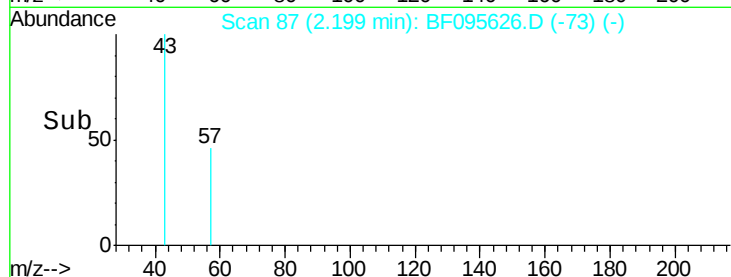


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

Time-->



#5

2-Fluorophenol

Concen: 20.997 ng

RT: 5.48 min Scan# 645

Delta R.T. 0.04 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

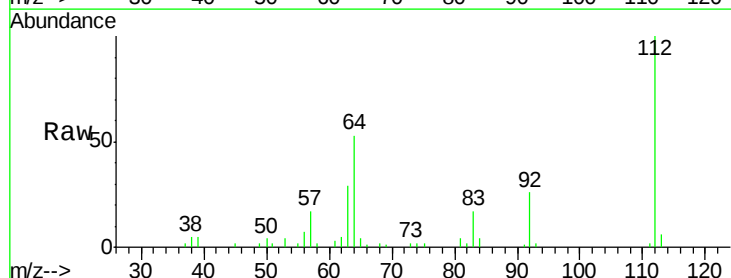
Tgt Ion: 112 Resp: 130311

Ion Ratio Lower Upper

112 100

64 52.9 46.0 69.0

63 28.9 23.4 35.0

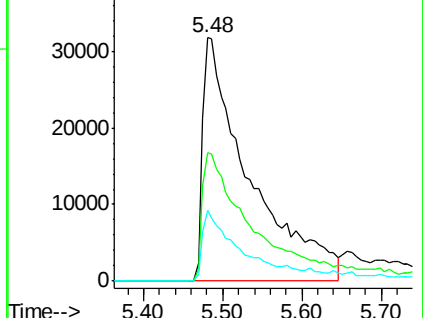
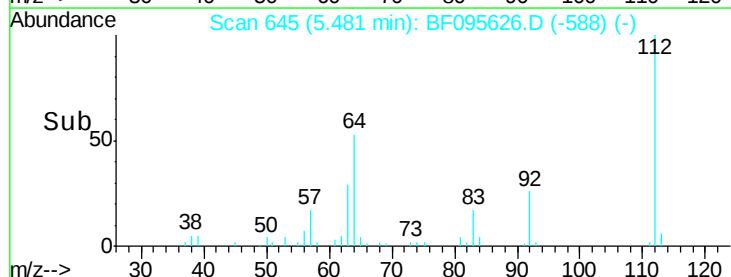


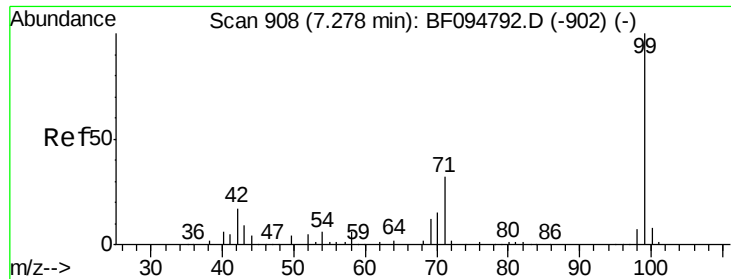
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->





#7

Phenol-d6

Concen: 25.494 ng

RT: 7.12 min Scan# 923

Delta R.T. 0.02 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

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E2-T6-BASE

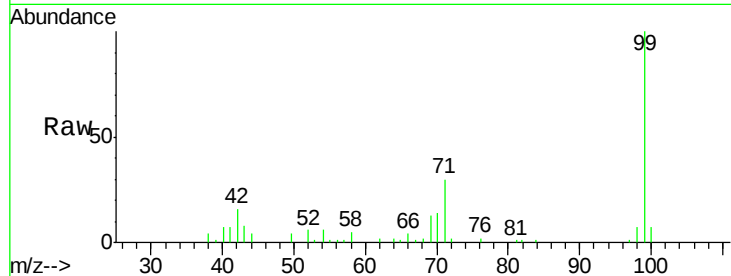
Tgt Ion: 99 Resp: 189839

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

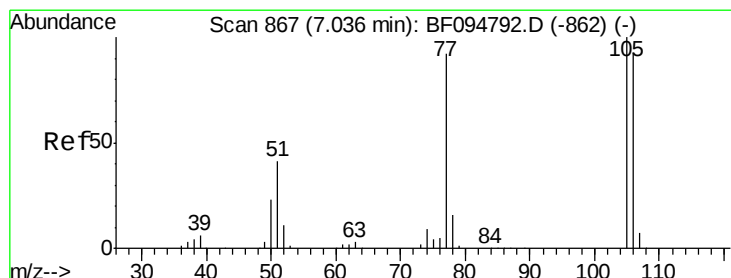
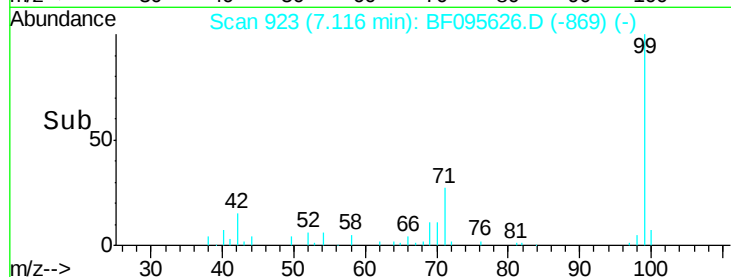
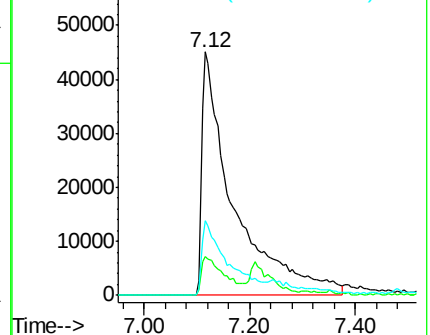
71 30.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 0.026 ng

RT: 7.03 min Scan# 908

Delta R.T. 0.18 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

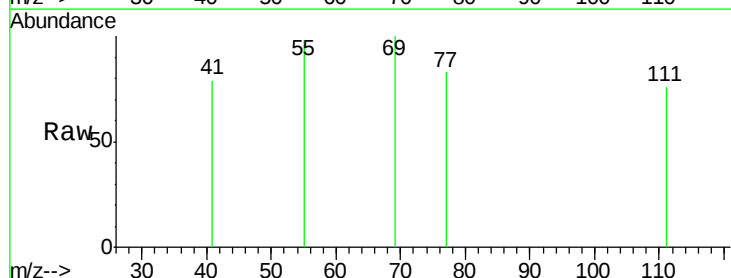
Tgt Ion: 77 Resp: 119

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

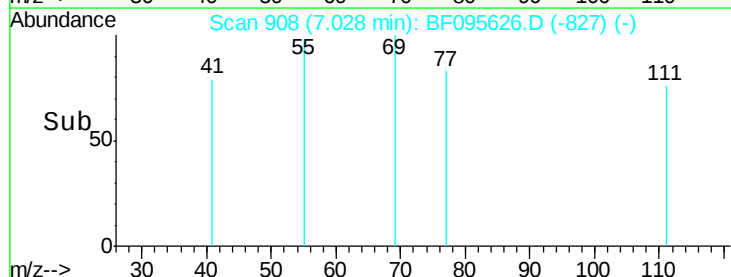
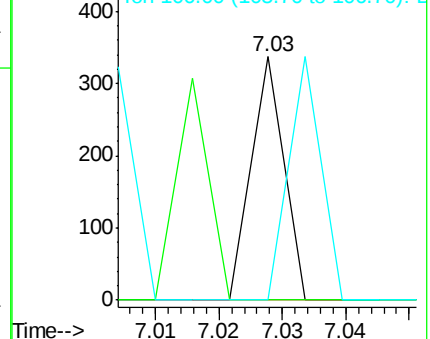
106 0.0 79.1 119.1#

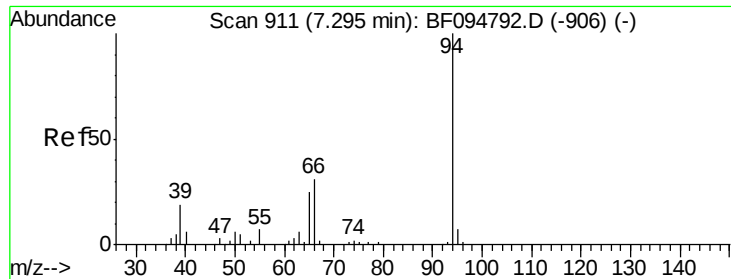


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.715 ng

RT: 7.15 min Scan# 928

Delta R.T. 0.03 min

Lab File: BF095626.D

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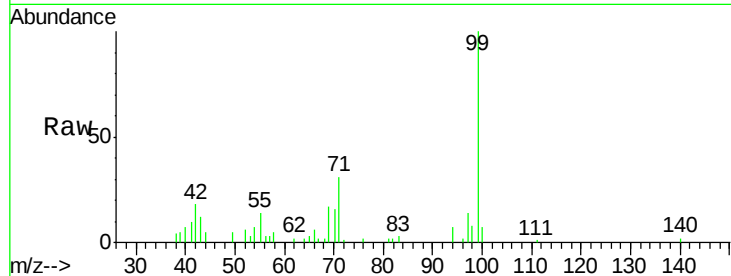
Tgt Ion: 94 Resp: 5613

Ion Ratio Lower Upper

94 100

65 35.9 9.9 49.9

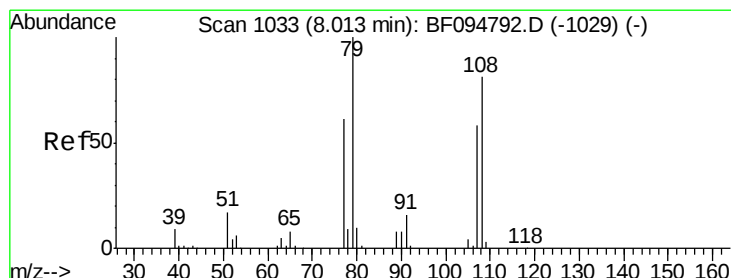
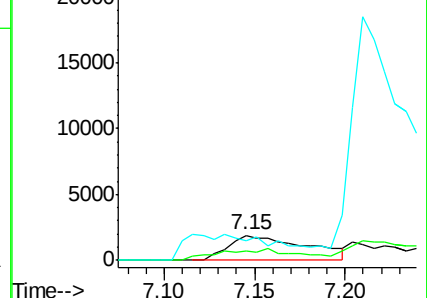
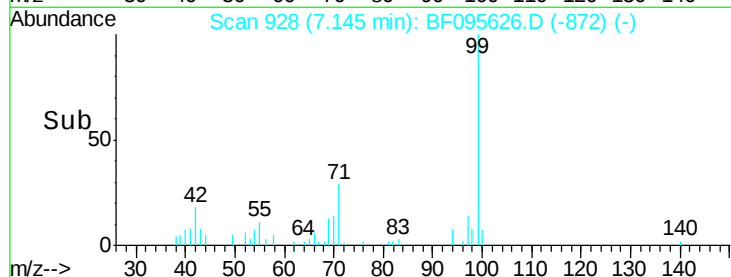
66 80.3 23.1 63.1#



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: 0.300 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

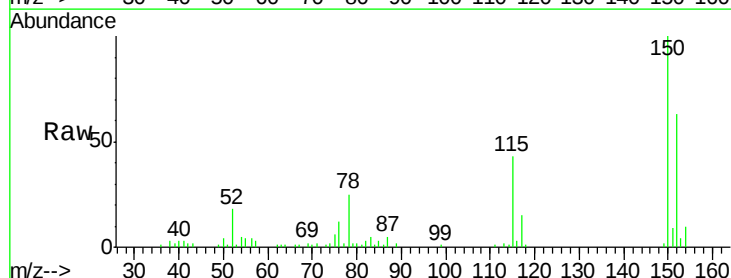
Tgt Ion: 79 Resp: 1439

Ion Ratio Lower Upper

79 100

108 0.0 63.4 95.0#

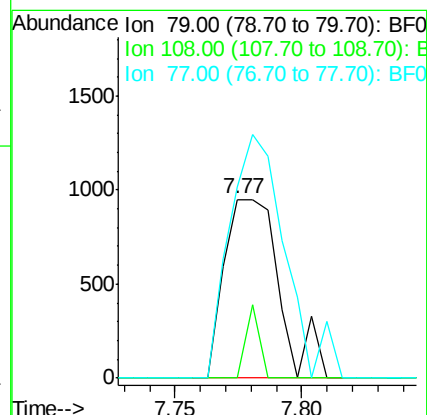
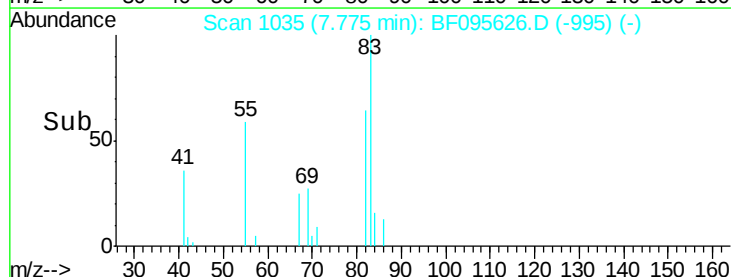
77 107.3 49.2 73.8#

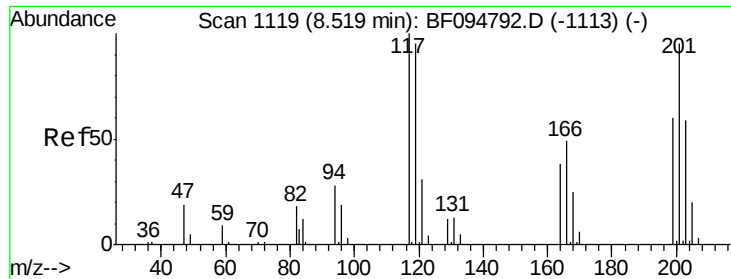


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

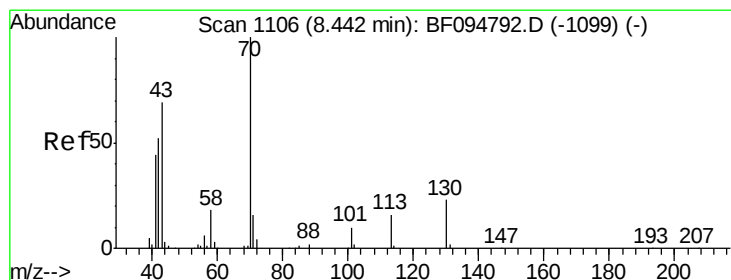
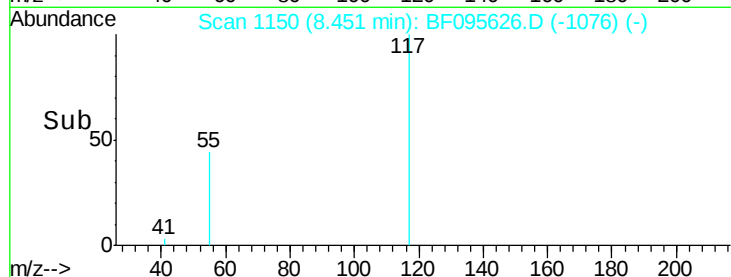
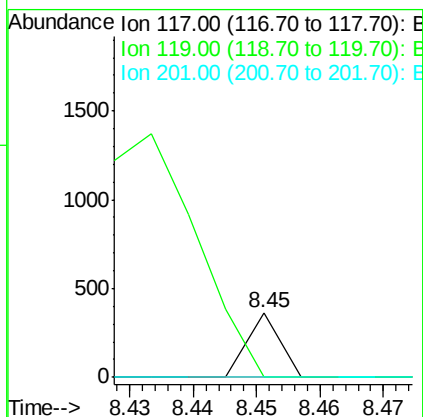
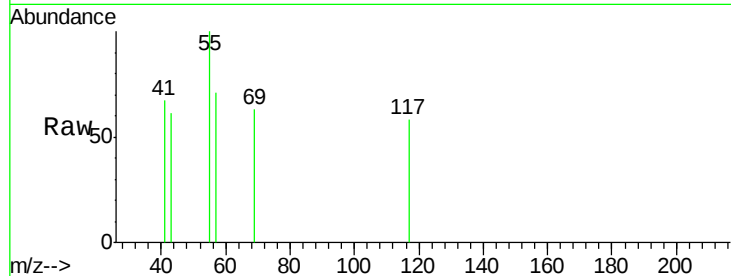




#18
Hexachloroethane
Concen: 0.046 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.14 min
Lab File: BF095626.D
Acq: 2 Jun 2017 9:14

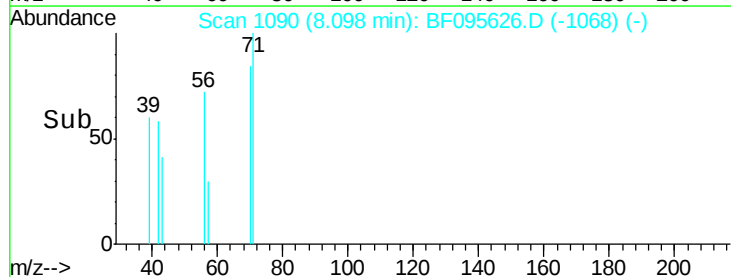
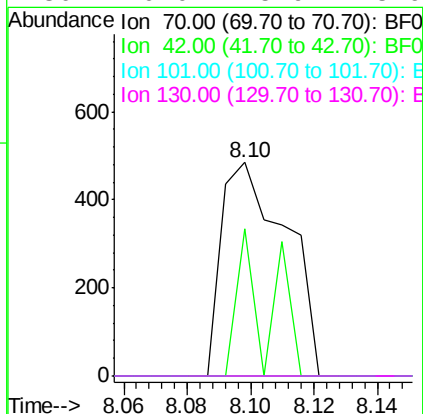
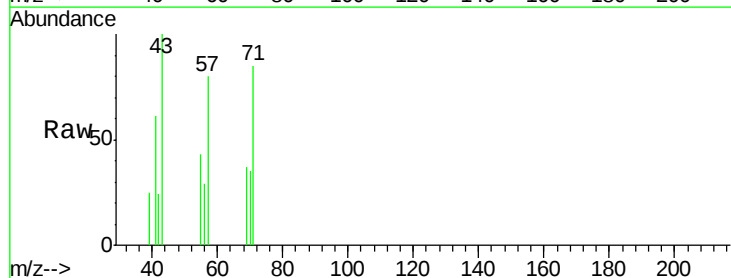
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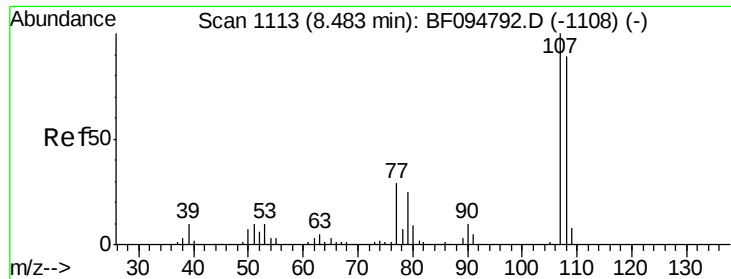
Tgt Ion: 117 Resp: 128
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 0.136 ng
RT: 8.10 min Scan# 1090
Delta R.T. -0.17 min
Lab File: BF095626.D
Acq: 2 Jun 2017 9:14

Tgt Ion: 70 Resp: 684
Ion Ratio Lower Upper
70 100
42 68.9 47.2 70.8
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#

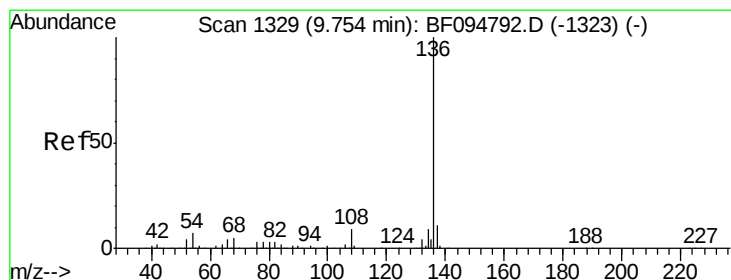
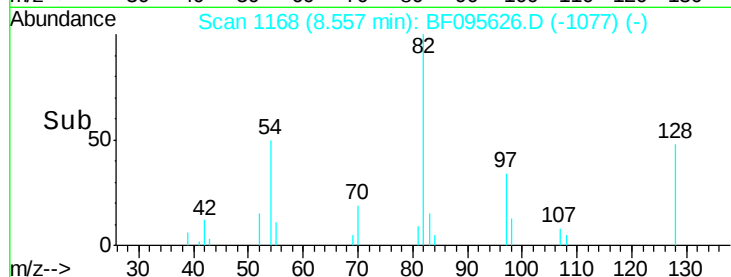
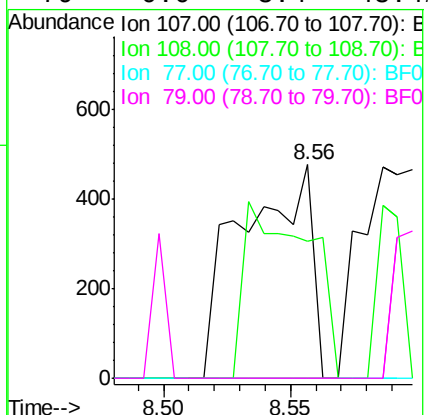
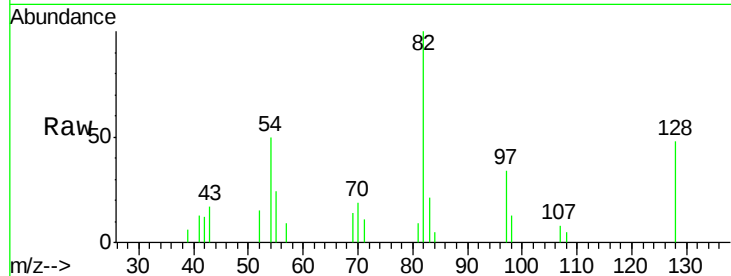




#20
 3+4-Methylphenols
 Concen: 0.117 ng
 RT: 8.56 min Scan# 1168
 Delta R.T. 0.24 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

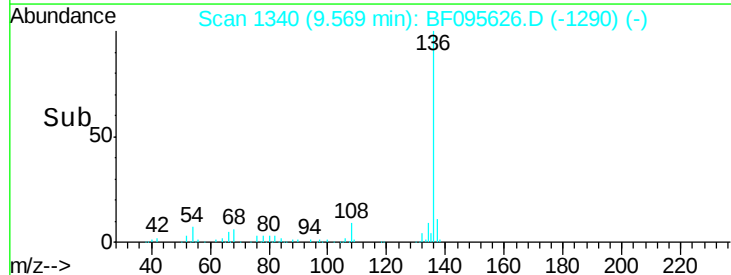
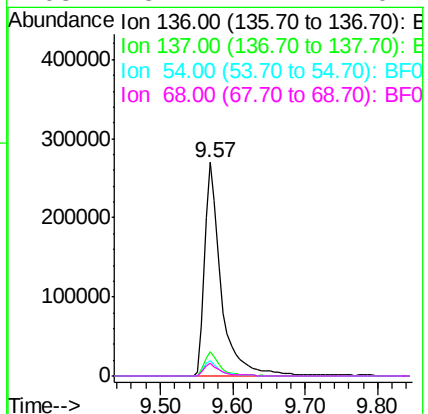
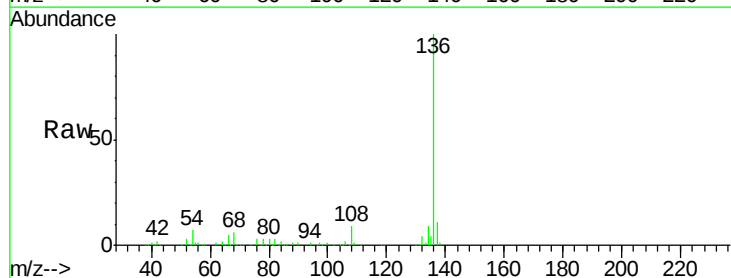
Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

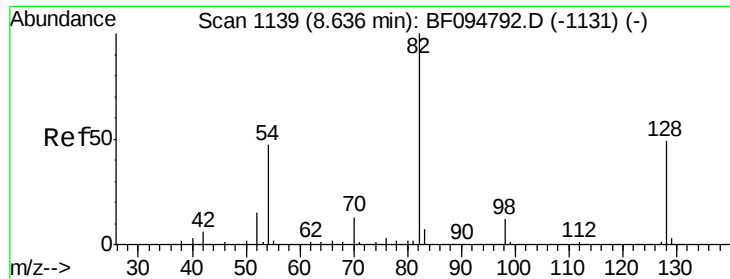
Tgt Ion:107 Resp: 916
 Ion Ratio Lower Upper
 107 100
 108 64.3 71.0 111.0#
 77 0.0 90.5 130.5#
 79 0.0 8.4 48.4#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 9.57 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion:136 Resp: 430013
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.5 12.7
 54 7.2 4.9 7.3
 68 5.7 4.1 6.1

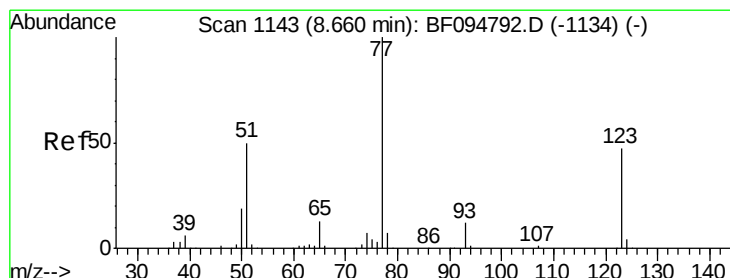
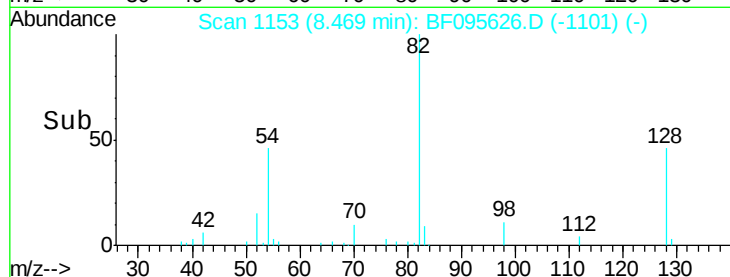
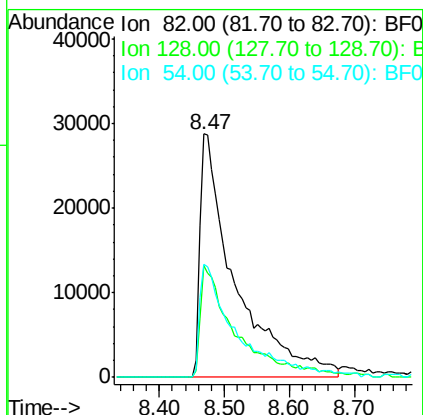
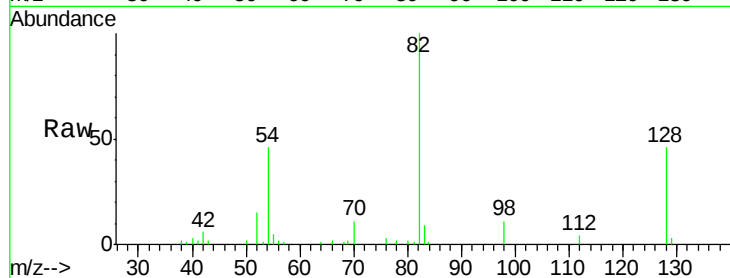




#23
 Nitrobenzene-d5
 Concen: 15.737 ng
 RT: 8.47 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

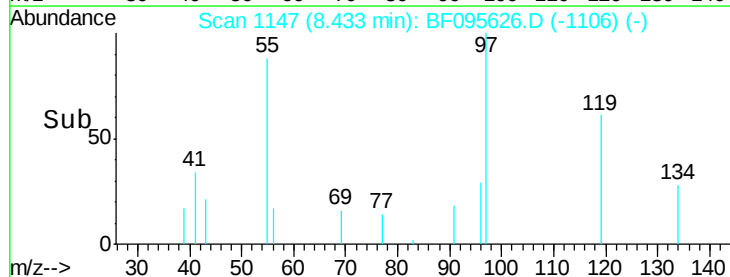
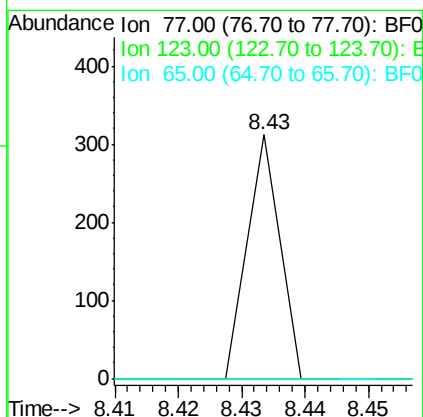
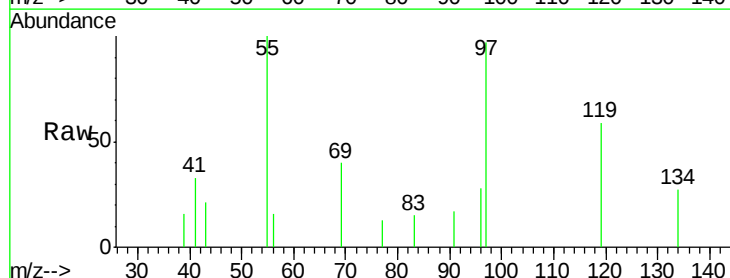
Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

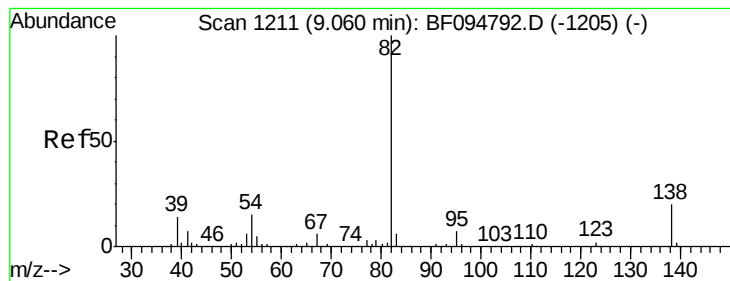
Tgt Ion: 82 Resp: 107316
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 46.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 0.015 ng
 RT: 8.43 min Scan# 1147
 Delta R.T. -0.06 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion: 77 Resp: 110
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.8 53.8#
 65 0.0 10.6 15.8#





#25

Isophorone

Concen: 0.044 ng

RT: 8.84 min Scan# 1216

Delta R.T. -0.05 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

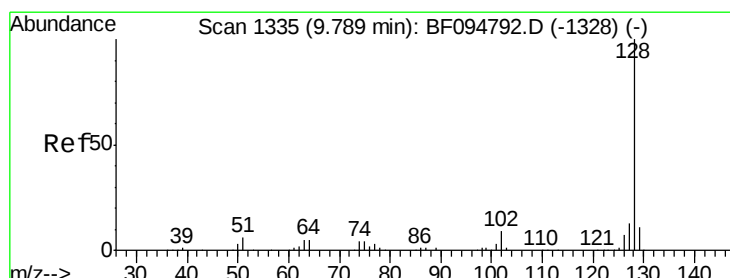
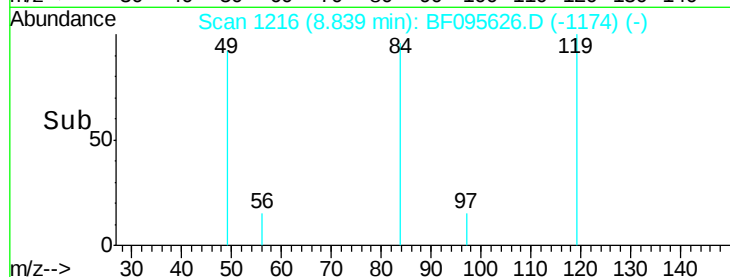
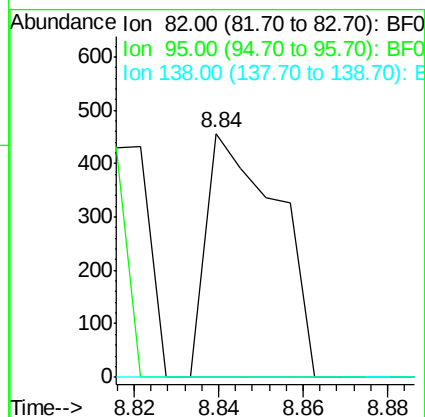
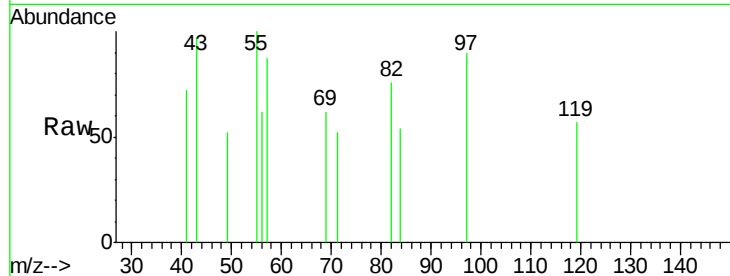
Tgt Ion: 82 Resp: 534

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#31

Naphthalene

Concen: 0.156 ng

RT: 9.60 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

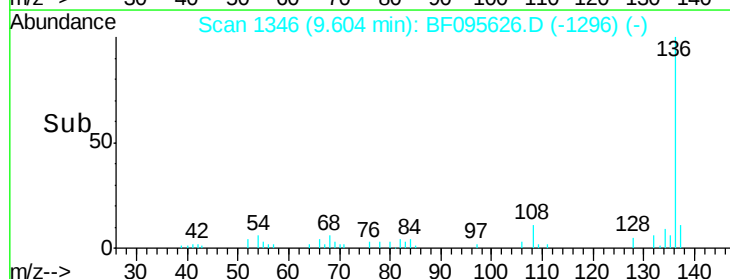
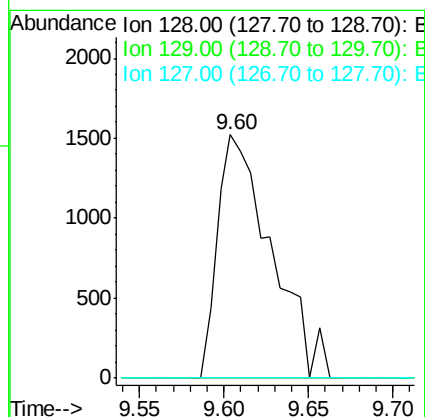
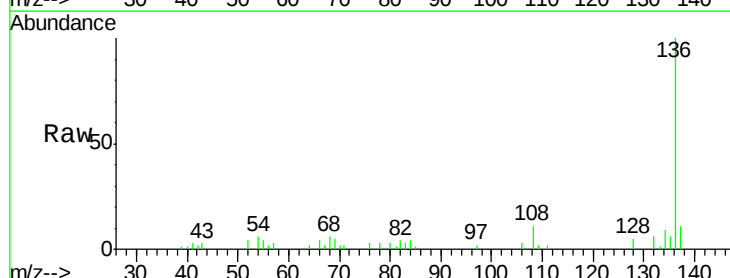
Tgt Ion: 128 Resp: 3366

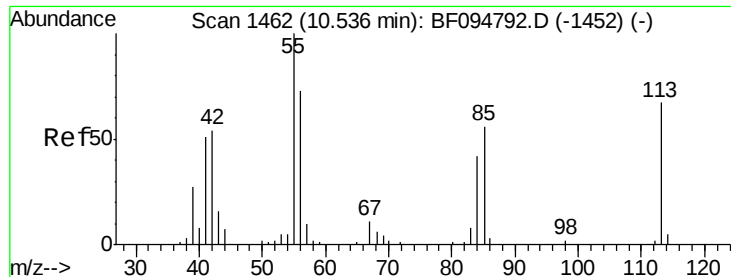
Ion Ratio Lower Upper

128 100

129 0.0 9.0 13.6#

127 0.0 10.8 16.2#





#35

Caprolactam

Concen: 0.791 ng

RT: 10.36 min Scan# 1475

Delta R.T. -0.04 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

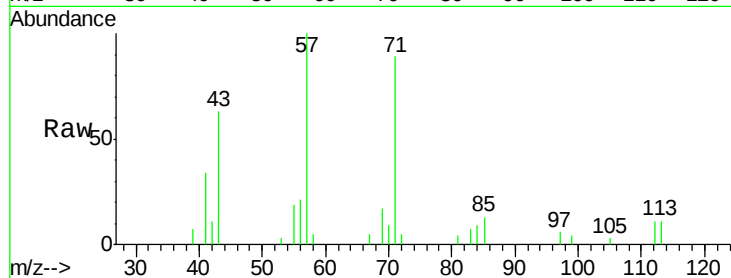
Tgt Ion:113 Resp: 1398

Ion Ratio Lower Upper

113 100

55 170.8 150.2 190.2

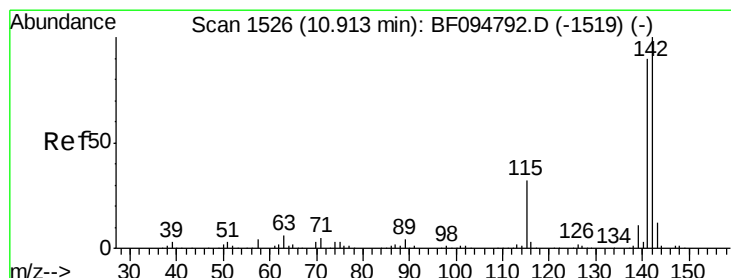
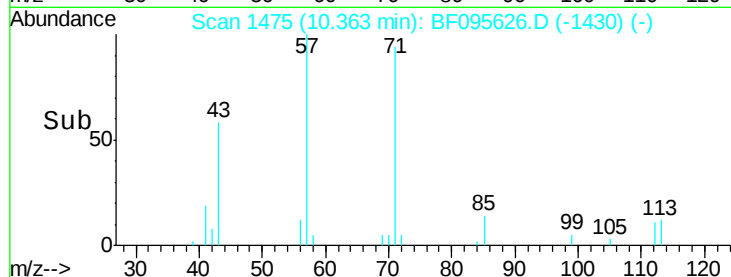
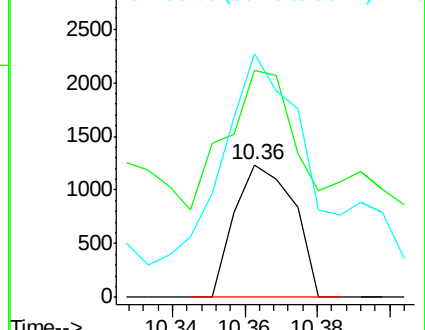
56 183.6 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 0.008 ng

RT: 10.80 min Scan# 1549

Delta R.T. 0.06 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

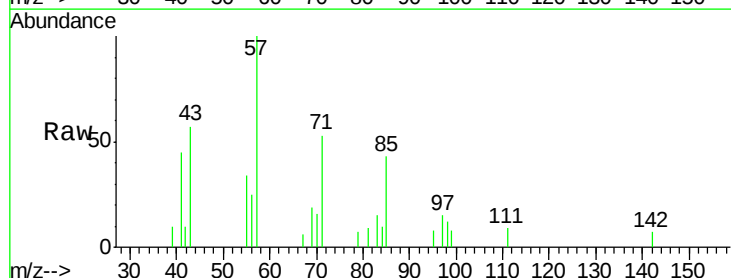
Tgt Ion:142 Resp: 112

Ion Ratio Lower Upper

142 100

141 0.0 71.3 106.9#

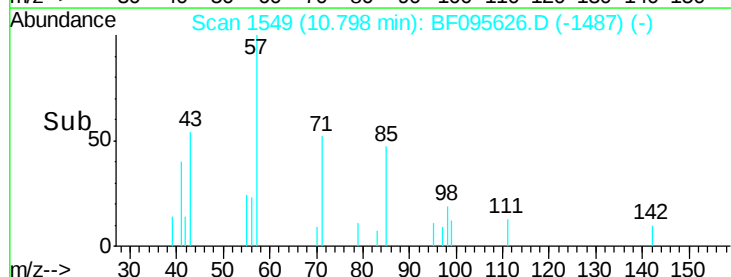
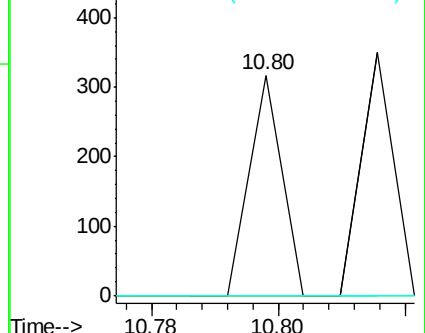
115 0.0 27.1 40.7#

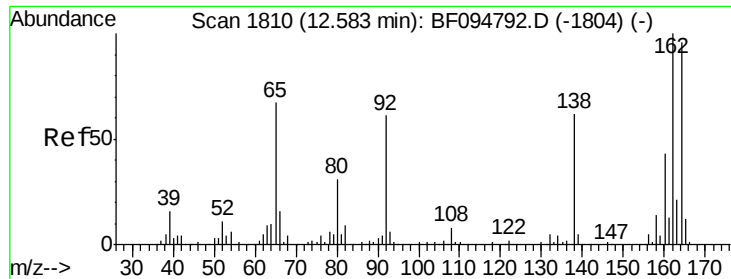


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

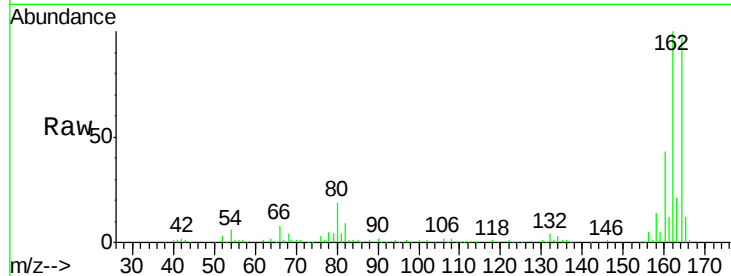
Tgt Ion:164 Resp: 180392

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

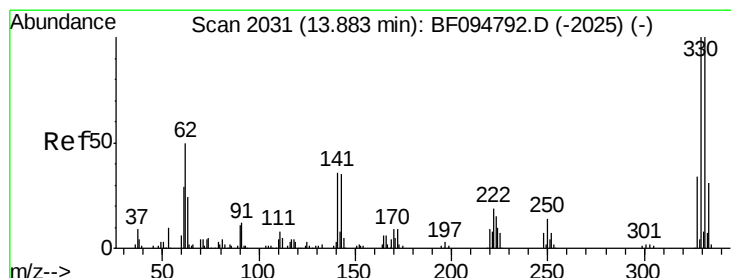
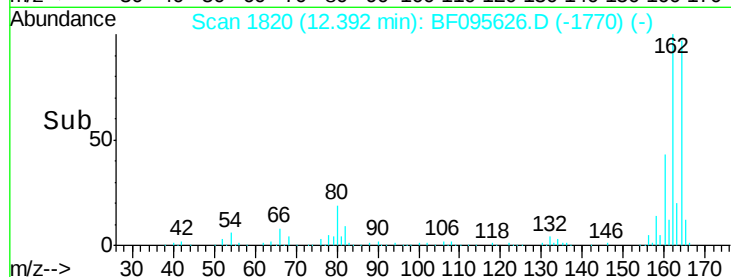
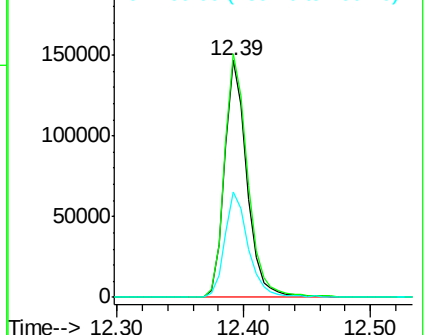
160 44.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 20.032 ng

RT: 13.70 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

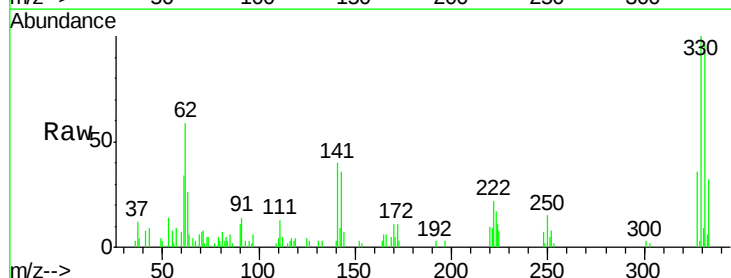
Tgt Ion:330 Resp: 29595

Ion Ratio Lower Upper

330 100

332 100.3 76.6 115.0

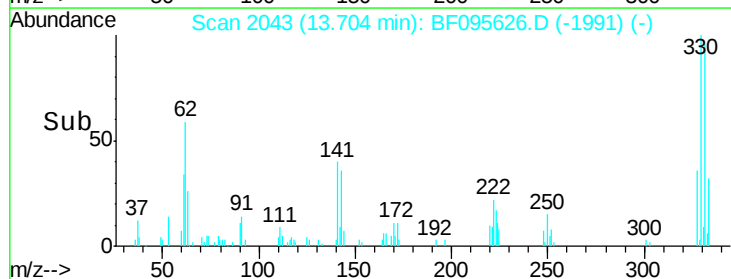
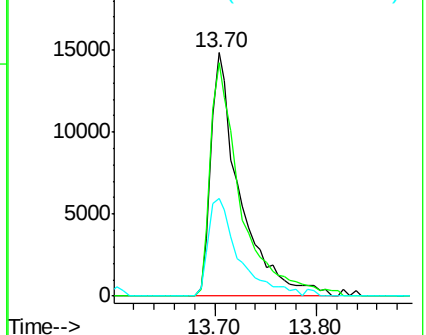
141 41.9 31.4 47.2

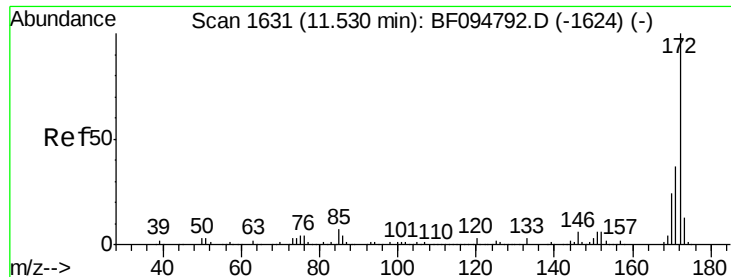


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

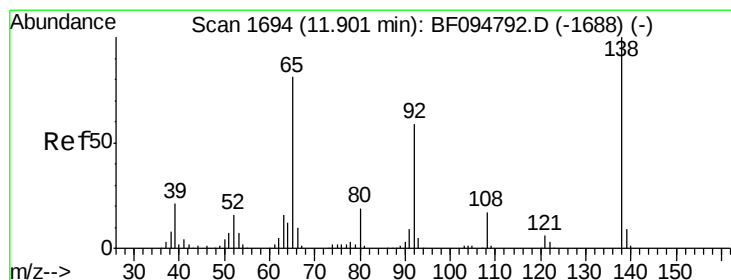
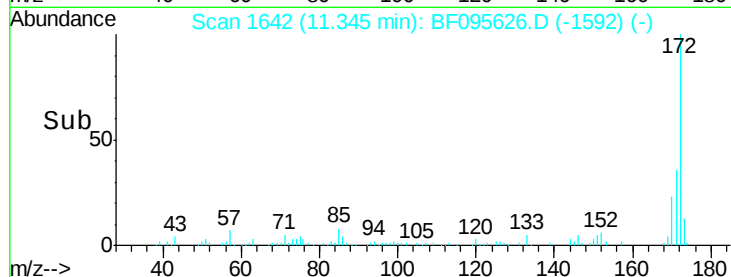
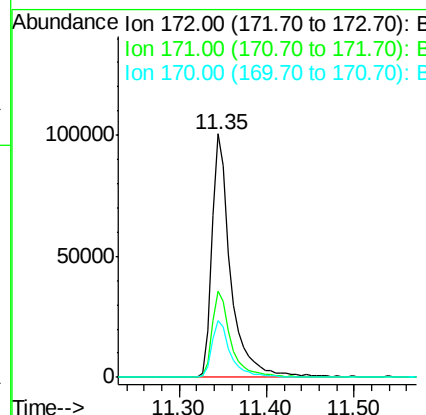
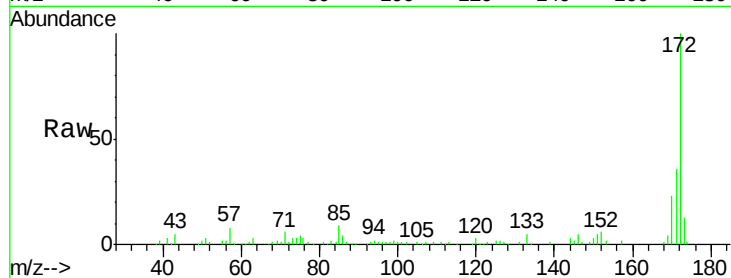




#44
 2-Fluorobiphenyl
 Concen: 11.989 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

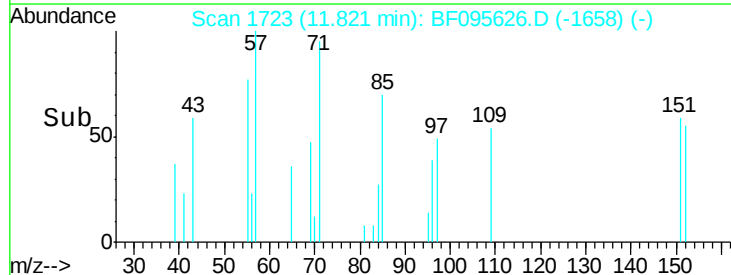
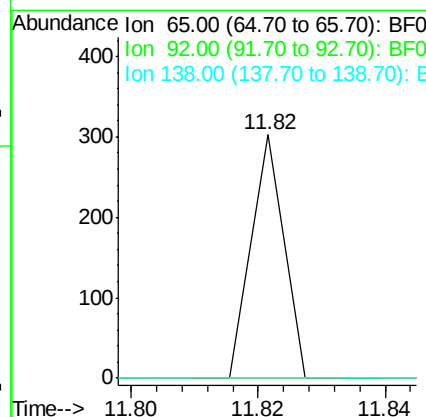
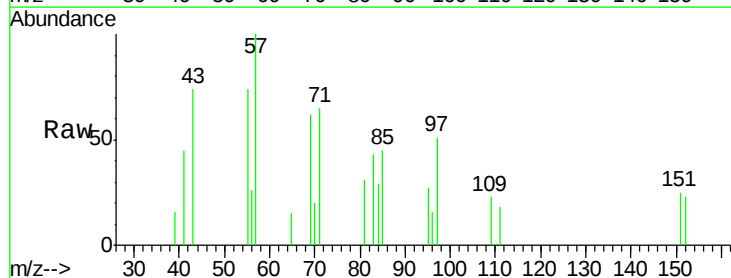
Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

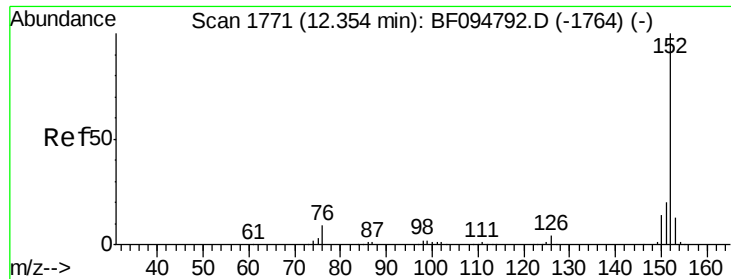
Tgt Ion: 172 Resp: 150253
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8



#47
 2-Nitroaniline
 Concen: 0.032 ng
 RT: 11.82 min Scan# 1723
 Delta R.T. 0.08 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion: 65 Resp: 107
 Ion Ratio Lower Upper
 65 100
 92 0.0 53.9 80.9#
 138 0.0 78.8 118.2#





#48

Acenaphthylene

Concen: 0.035 ng

RT: 12.19 min Scan# 1786

Delta R.T. 0.02 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

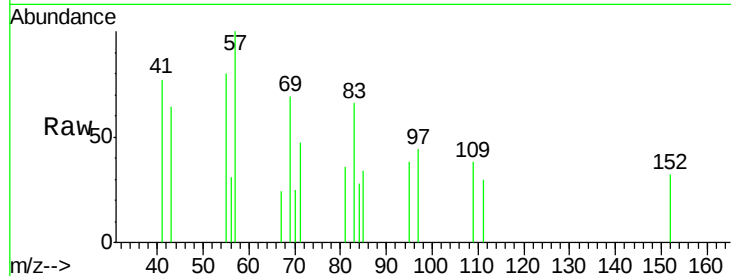
Tgt Ion:152 Resp: 680

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

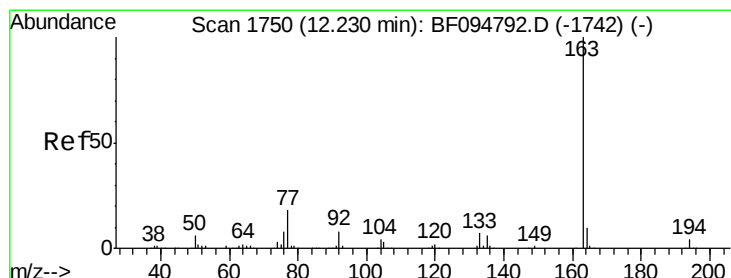
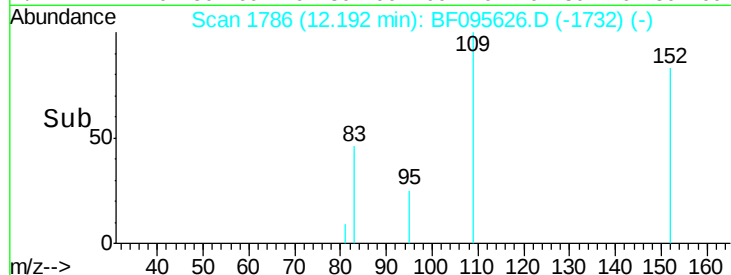
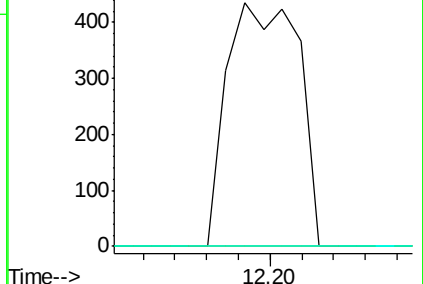
153 0.0 10.8 16.2#



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



#49

Dimethylphthalate

Concen: 2.819 ng

RT: 12.05 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

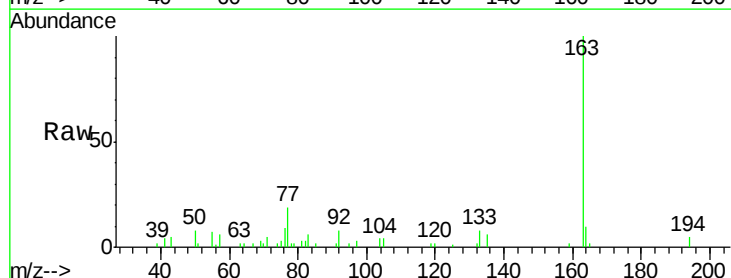
Tgt Ion:163 Resp: 41748

Ion Ratio Lower Upper

163 100

194 5.3 2.6 4.0#

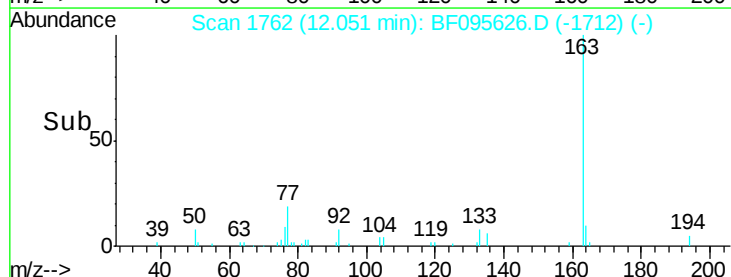
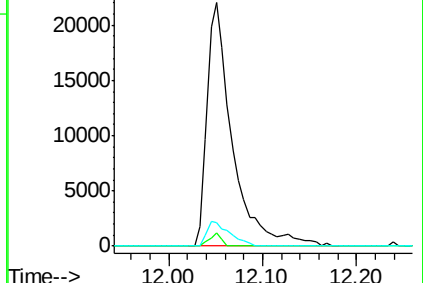
164 9.6 8.4 12.6

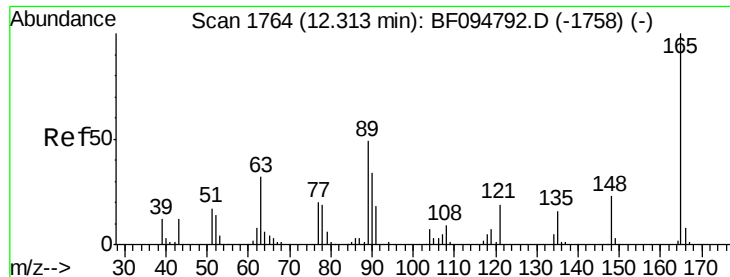


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

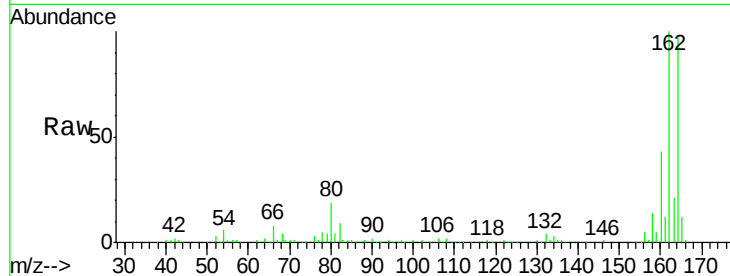




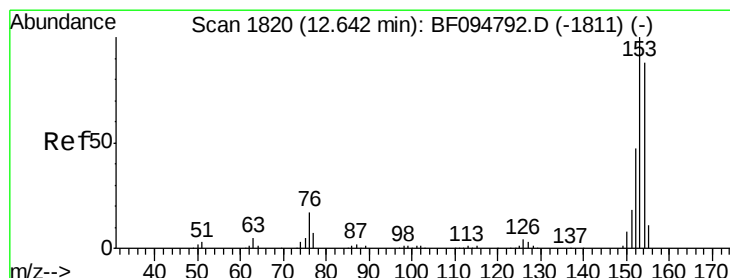
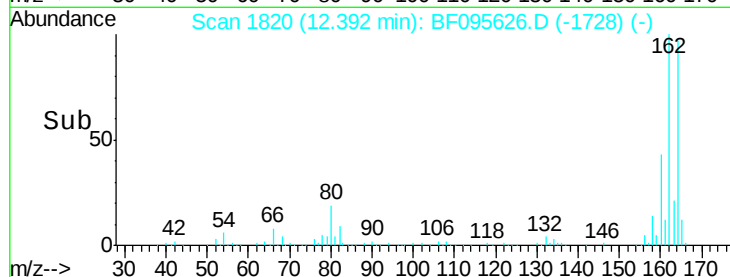
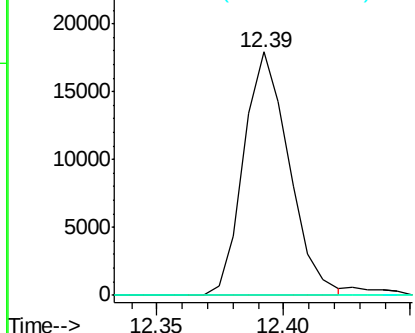
#50
 2,6-Dinitrotoluene
 Concen: 7.414 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

Tgt Ion:165 Resp: 22401
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

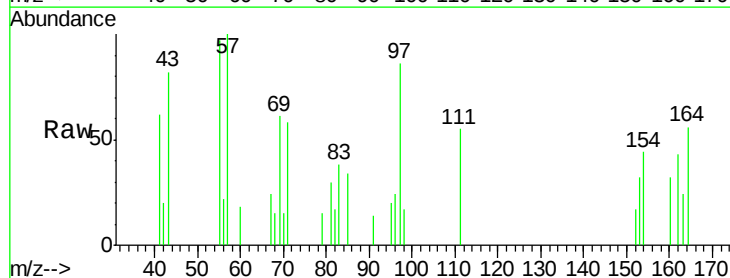


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

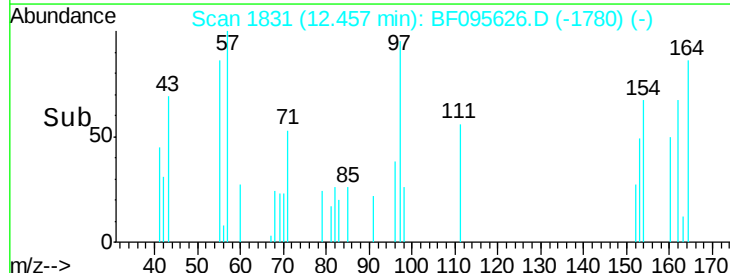
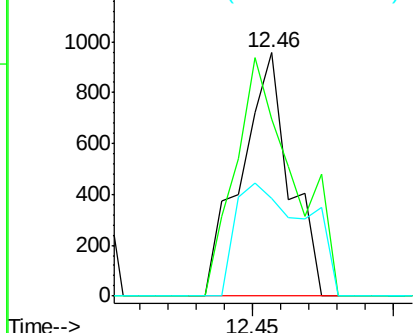


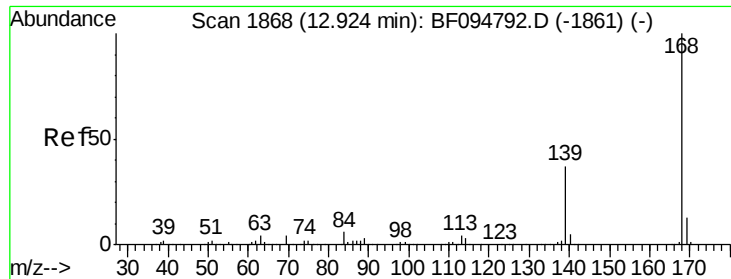
#51
 Acenaphthene
 Concen: 0.100 ng
 RT: 12.46 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion:154 Resp: 1144
 Ion Ratio Lower Upper
 154 100
 153 72.7 90.5 135.7#
 152 40.1 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: 0.054 ng

RT: 12.80 min Scan# 1889

Delta R.T. 0.05 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

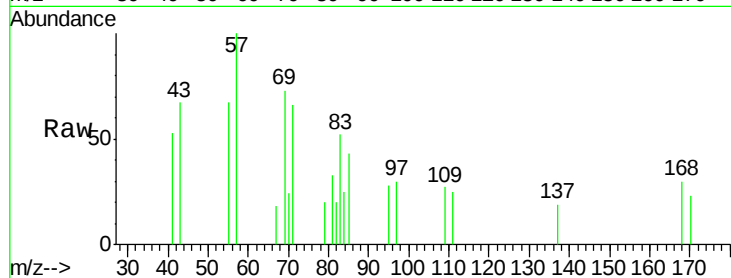
Tgt Ion:168 Resp: 864

Ion Ratio Lower Upper

168 100

139 0.0 30.6 45.8#

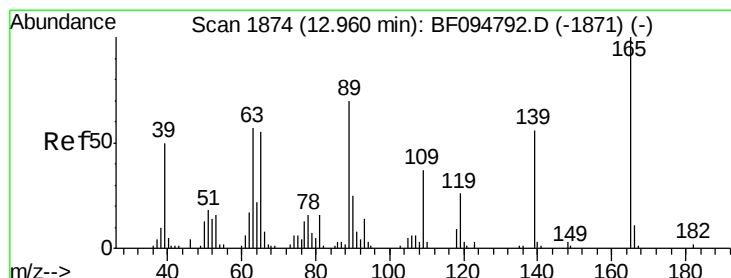
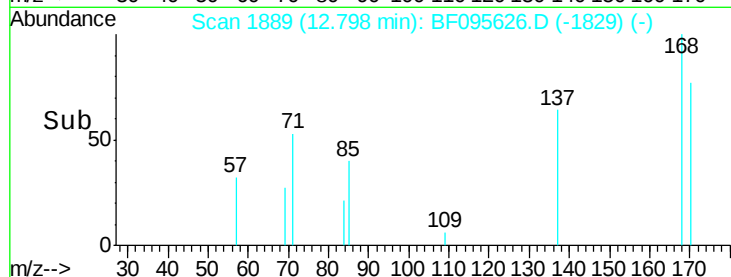
169 0.0 10.8 16.2#



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: 0.055 ng

RT: 12.79 min Scan# 1888

Delta R.T. -0.04 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

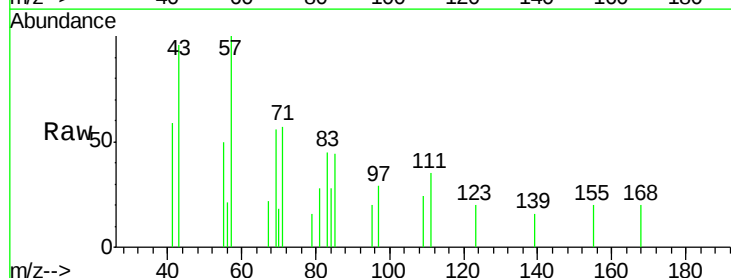
Tgt Ion:139 Resp: 108

Ion Ratio Lower Upper

139 100

109 157.2 34.1 74.1#

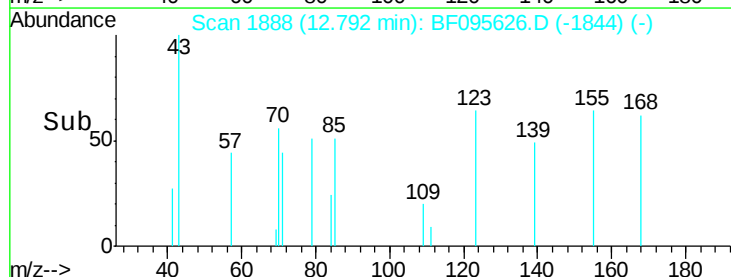
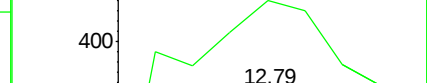
65 0.0 31.4 71.4#

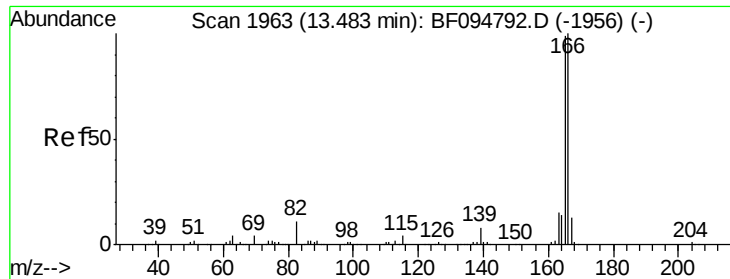


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

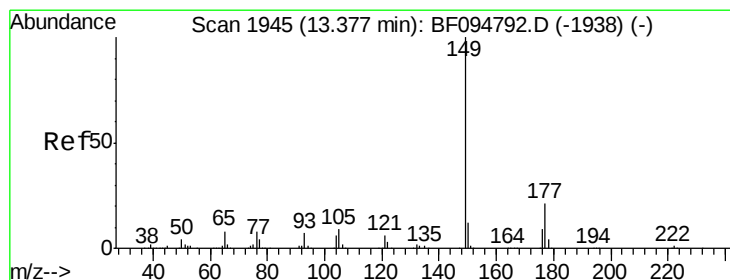
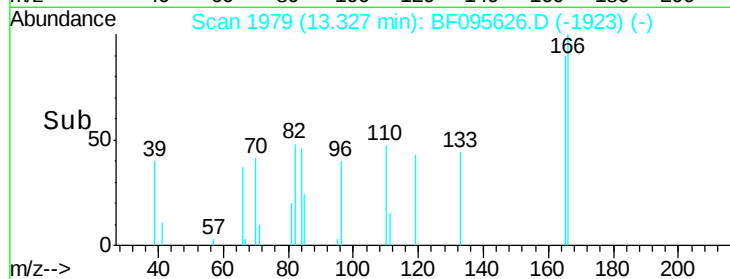
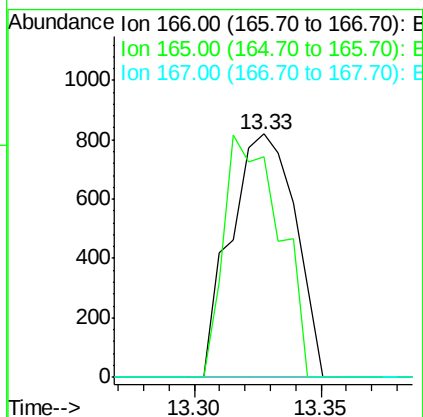
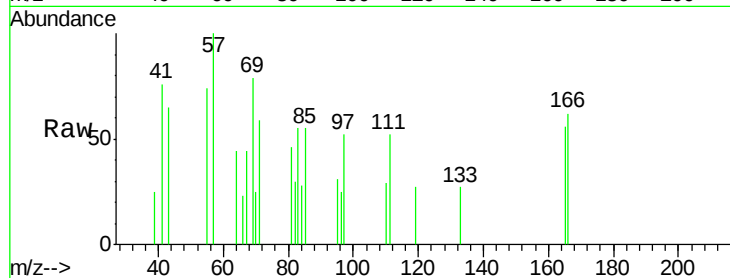




#57
 Fluorene
 Concen: 0.106 ng
 RT: 13.33 min Scan# 1979
 Delta R.T. 0.03 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

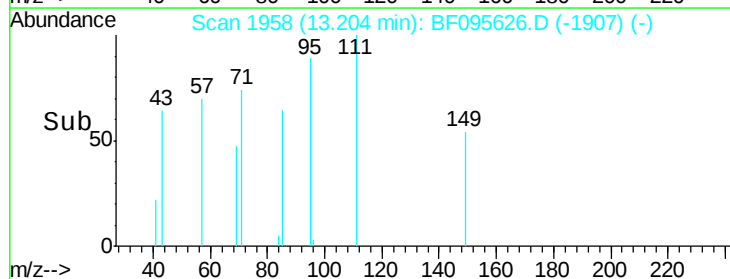
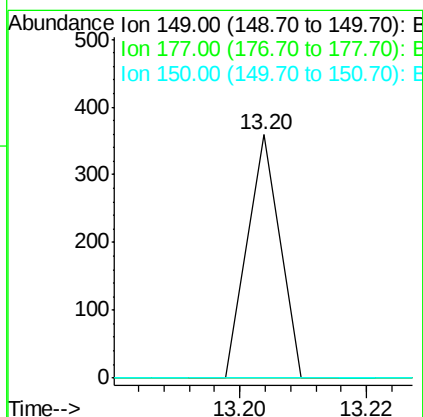
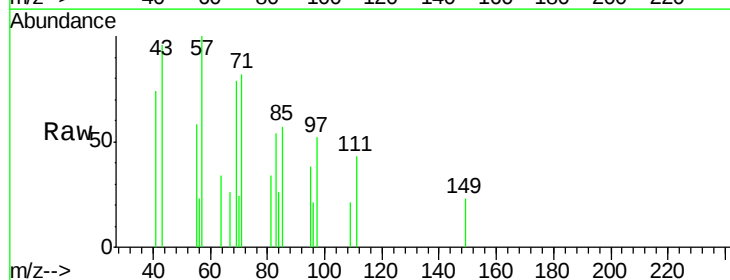
Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

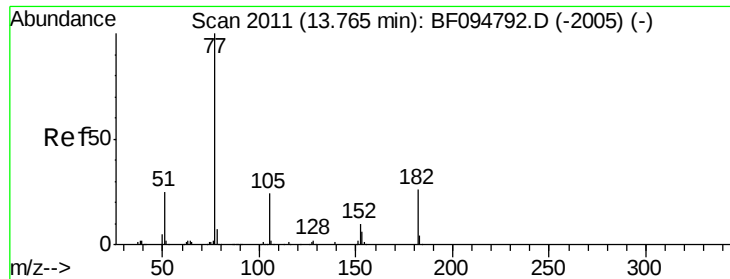
Tgt Ion:166 Resp: 1457
 Ion Ratio Lower Upper
 166 100
 165 90.4 78.8 118.2
 167 0.0 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.009 ng
 RT: 13.20 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion:149 Resp: 127
 Ion Ratio Lower Upper
 149 100
 177 0.0 16.7 25.1#
 150 0.0 10.2 15.2#

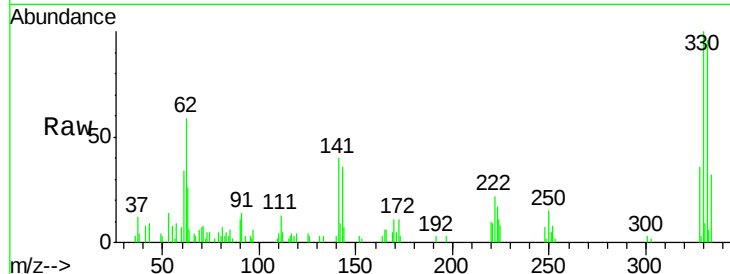




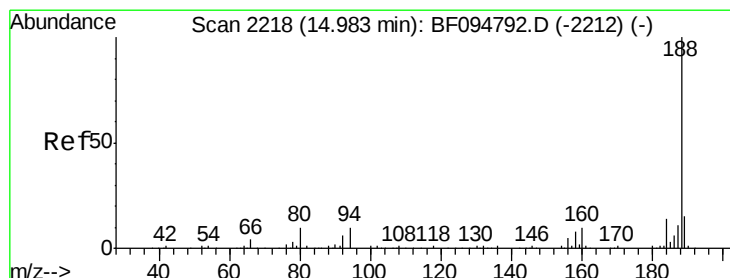
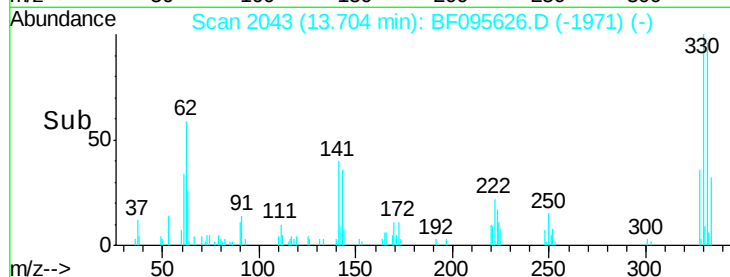
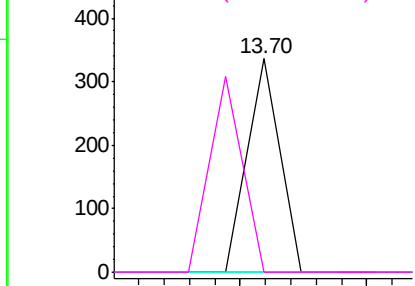
#62
Azobenzene
Concen: 0.010 ng
RT: 13.70 min Scan# 2043
Delta R.T. 0.12 min
Lab File: BF095626.D
Acq: 2 Jun 2017 9:14

Instrument :
BNA_F
ClientSampleId :
E2-T6-BASE

Tgt Ion: 77 Resp: 119
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 0.0 3.6 43.6#
51 0.0 9.4 49.4#

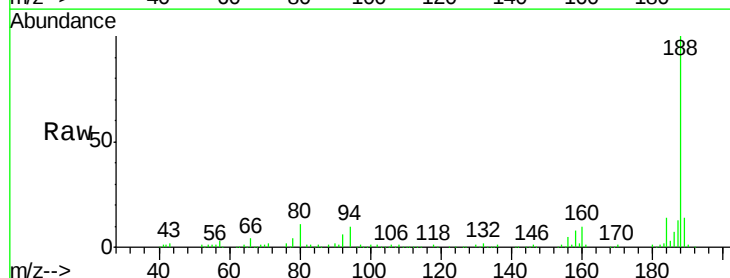


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

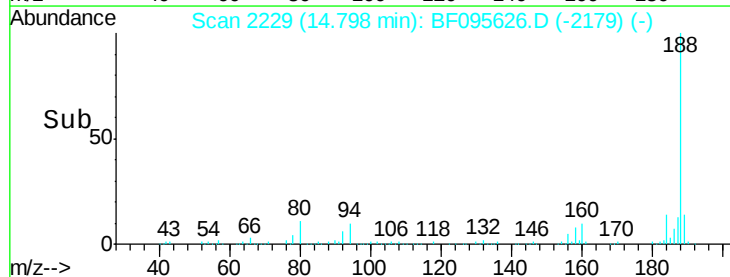
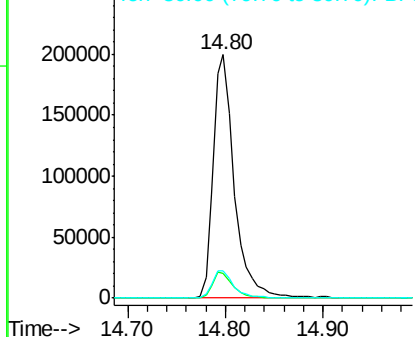


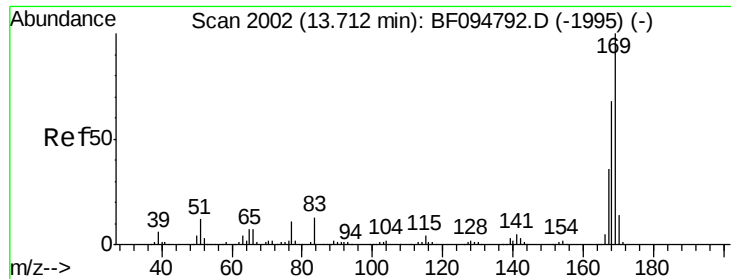
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095626.D
Acq: 2 Jun 2017 9:14

Tgt Ion: 188 Resp: 299659
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.3 10.2 15.2



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





#65

n-Nitrosodiphenylamine

Concen: 0.082 ng

RT: 13.61 min Scan# 2027

Delta R.T. 0.08 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

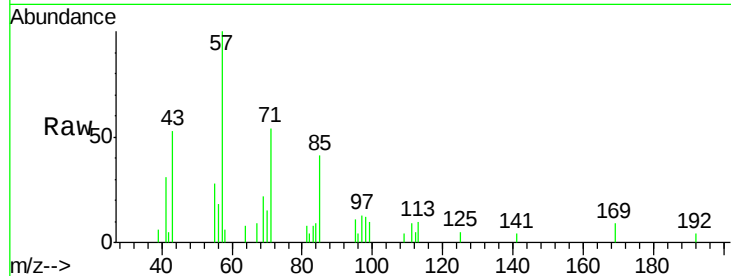
Tgt Ion:169 Resp: 889

Ion Ratio Lower Upper

169 100

168 0.0 53.2 79.8#

167 0.0 29.5 44.3#

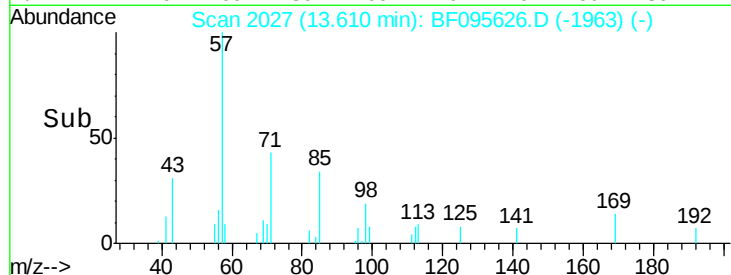


Abundance Ion 169.00 (168.70 to 169.70): E

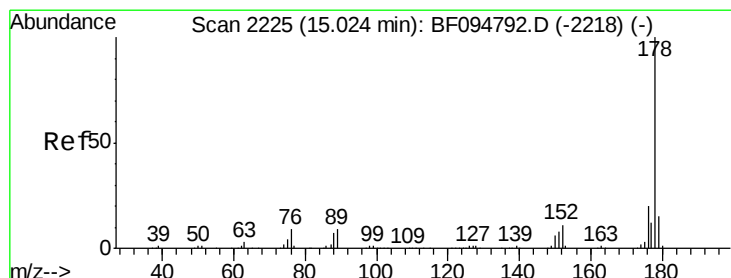
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

13.61



Time-->



#70

Phenanthrene

Concen: 0.806 ng

RT: 14.84 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

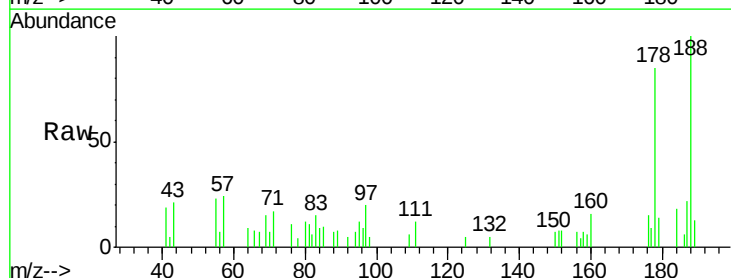
Tgt Ion:178 Resp: 13874

Ion Ratio Lower Upper

178 100

176 18.0 16.2 24.4

179 16.2 12.6 19.0

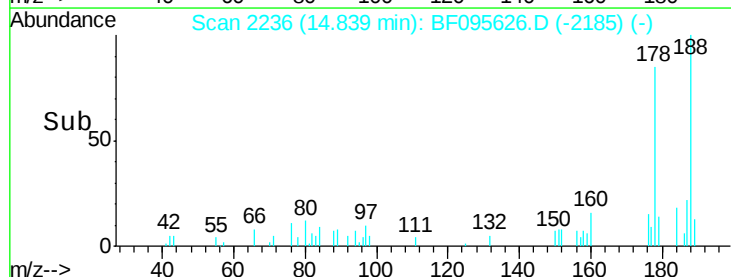


Abundance Ion 178.00 (177.70 to 178.70): E

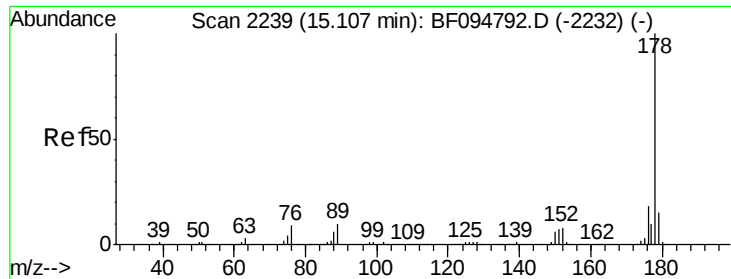
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

14.84



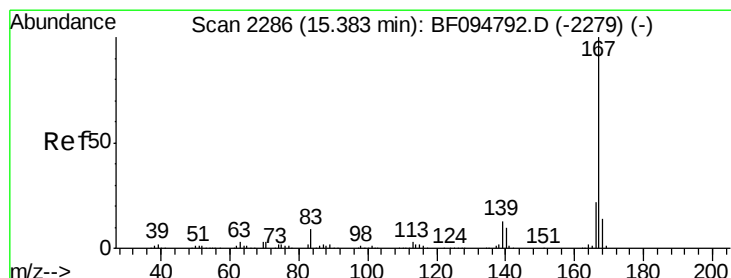
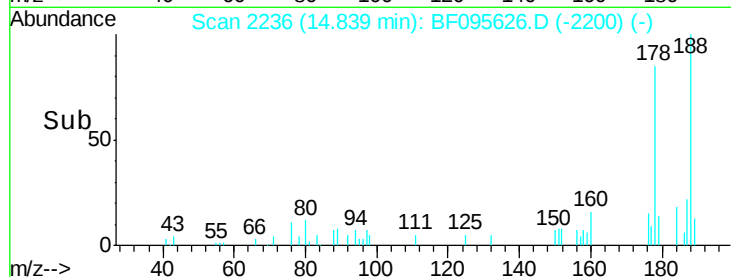
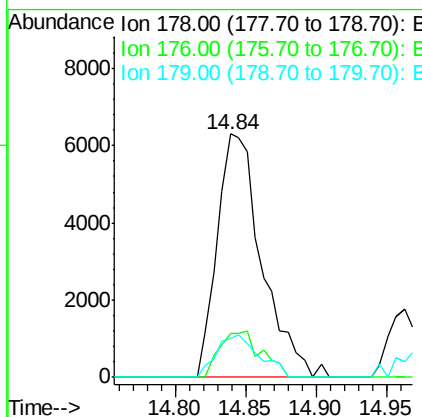
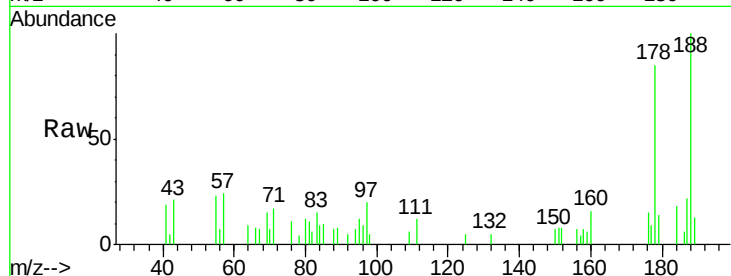
Time-->



#71
 Anthracene
 Concen: 0.789 ng
 RT: 14.84 min Scan# 2236
 Delta R.T. -0.09 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

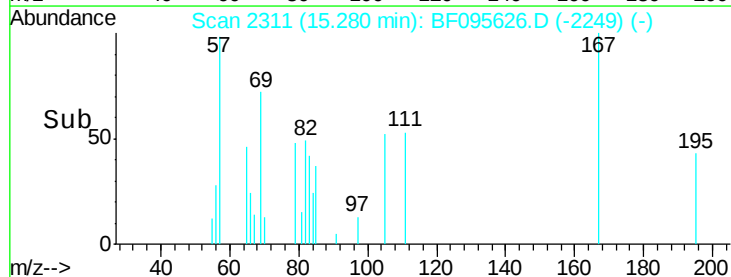
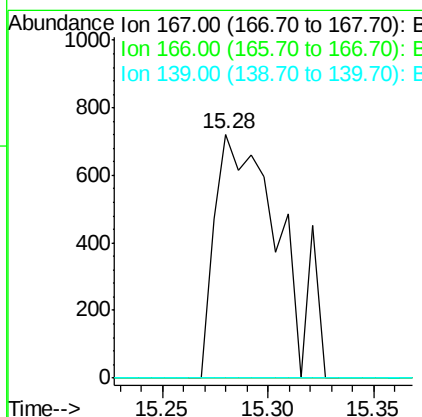
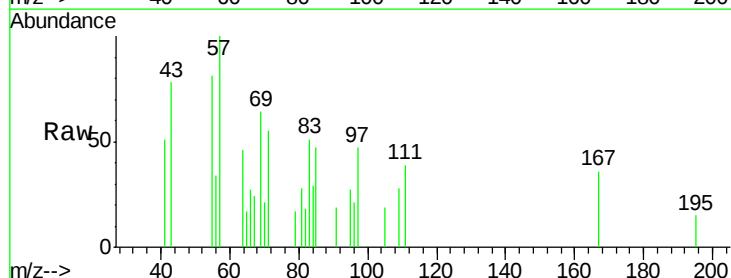
Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

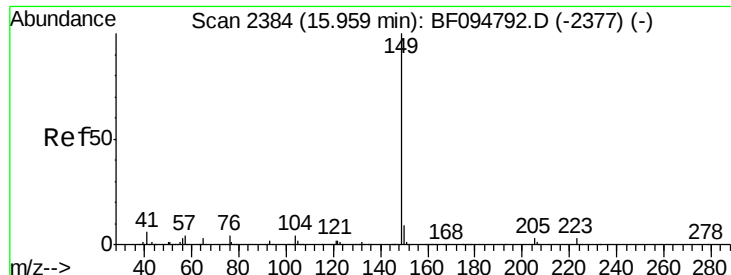
Tgt Ion:178 Resp: 13874
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.8 23.8
 179 16.2 12.7 19.1



#72
 Carbazole
 Concen: 0.096 ng
 RT: 15.28 min Scan# 2311
 Delta R.T. 0.06 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion:167 Resp: 1543
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.1 27.1#
 139 0.0 11.7 17.5#

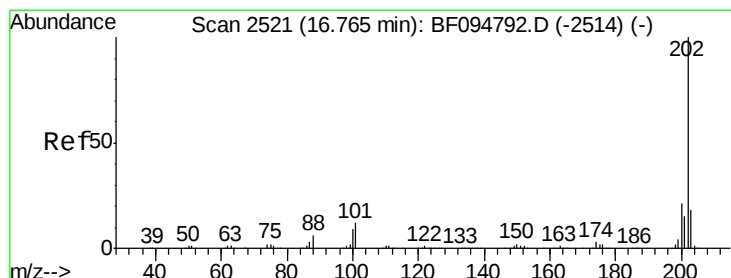
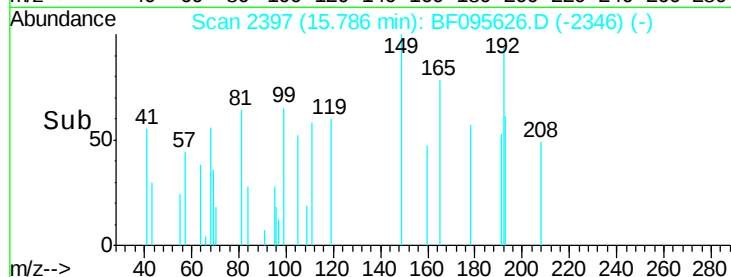
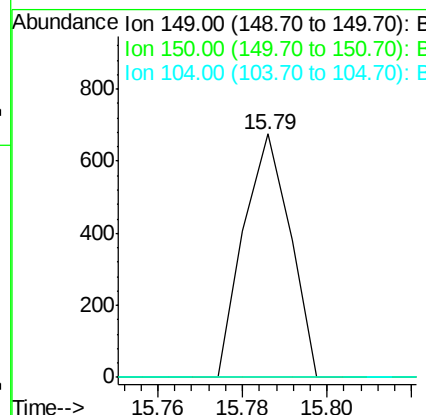
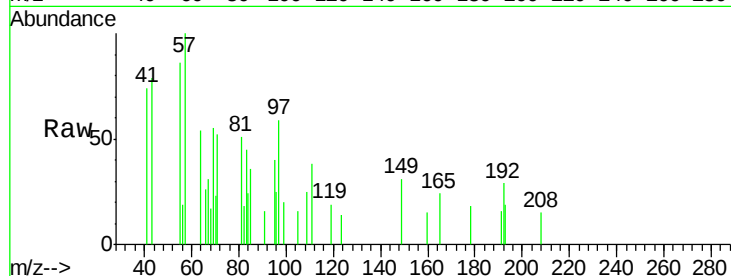




#73
Di-n-butylphthalate
Concen: 0.026 ng
RT: 15.79 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BF095626.D
Acq: 2 Jun 2017 9:14

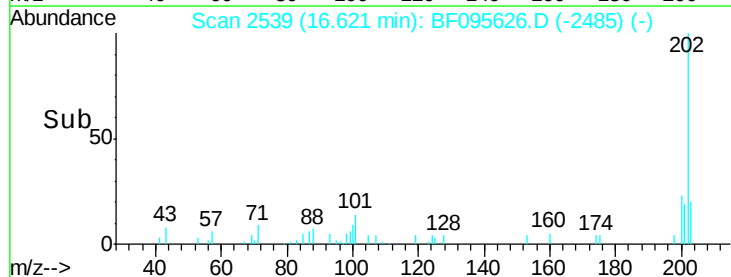
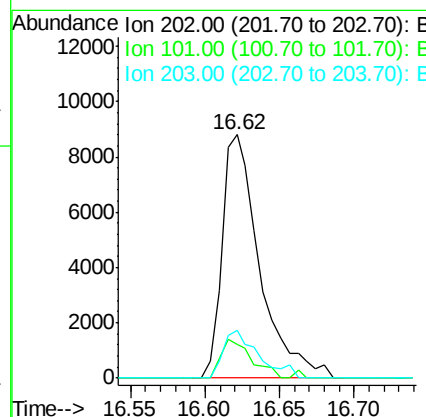
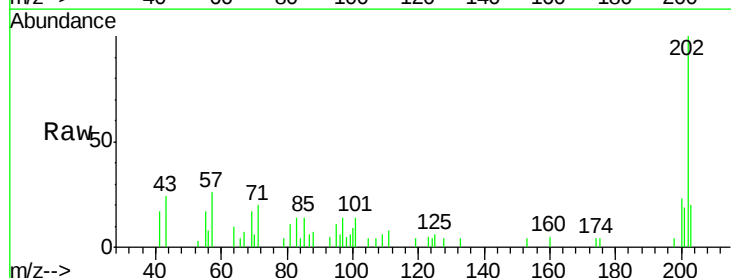
Instrument :
BNA_F
ClientSampleId :
E2-T6-BASE

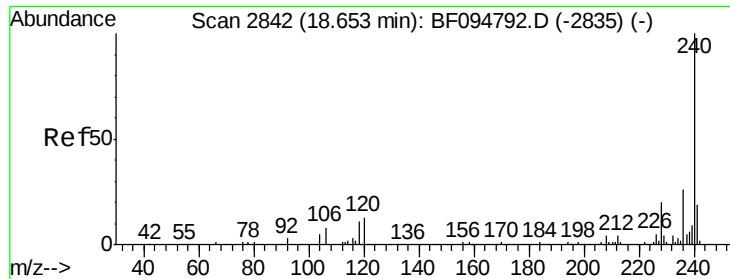
Tgt Ion:149 Resp: 517
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 4.0 6.0#



#74
Fluoranthene
Concen: 0.878 ng
RT: 16.62 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF095626.D
Acq: 2 Jun 2017 9:14

Tgt Ion:202 Resp: 15500
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 19.8 0.0 38.1

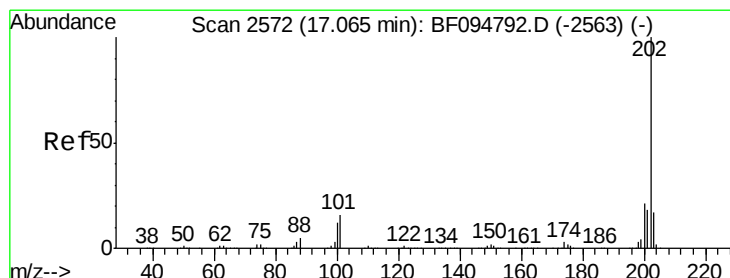
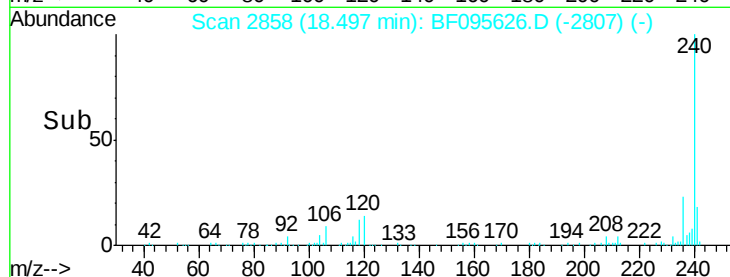
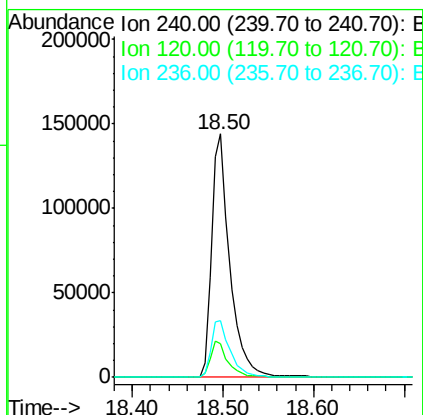
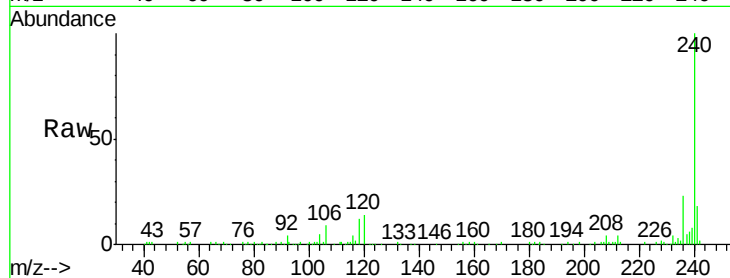




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

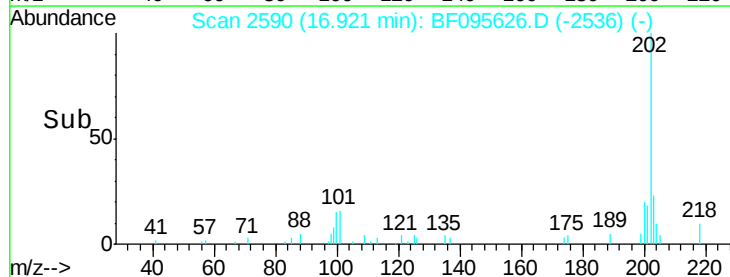
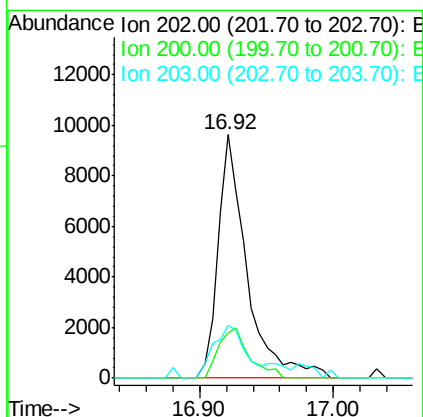
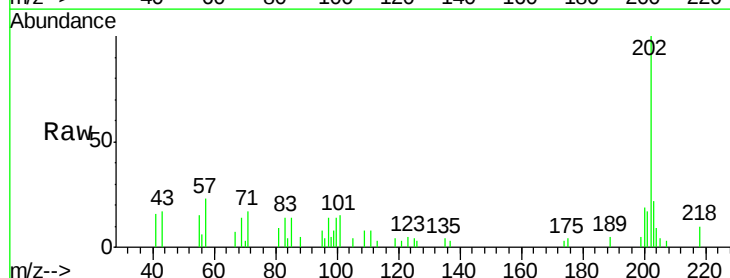
Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

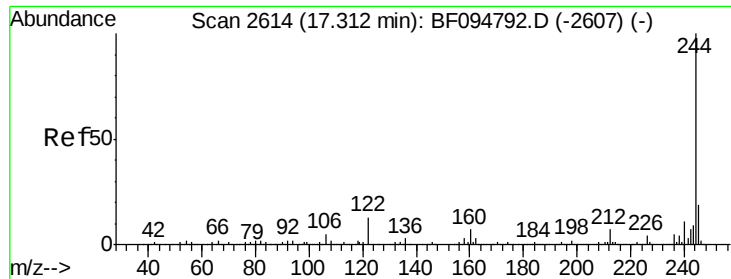
Tgt Ion:240 Resp: 202081
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 23.3 20.5 30.7



#77
 Pyrene
 Concen: 0.969 ng
 RT: 16.92 min Scan# 2590
 Delta R.T. 0.02 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion:202 Resp: 14646
 Ion Ratio Lower Upper
 202 100
 200 18.5 17.6 26.4
 203 21.8 14.4 21.6#

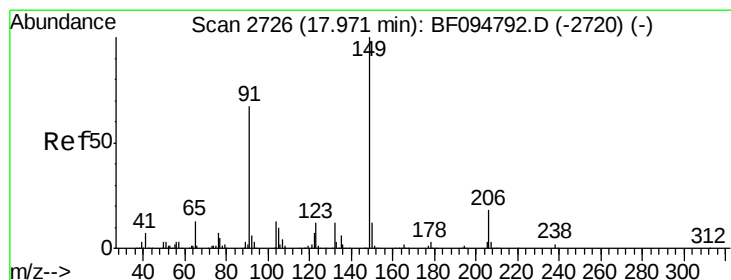
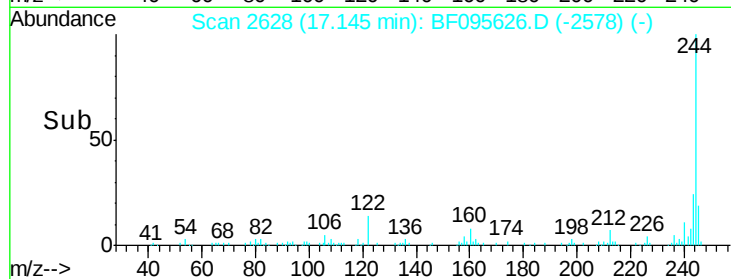
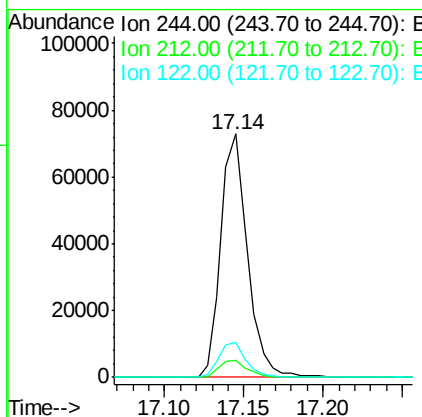
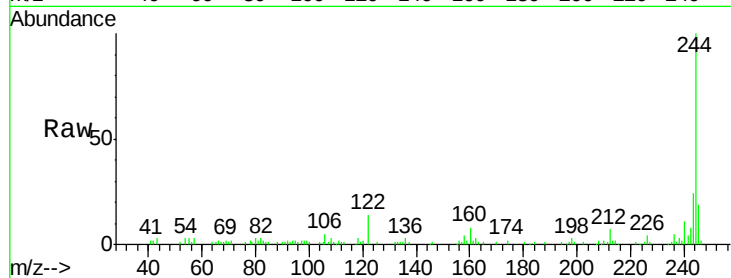




#78
 Terphenyl-d14
 Concen: 9.290 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

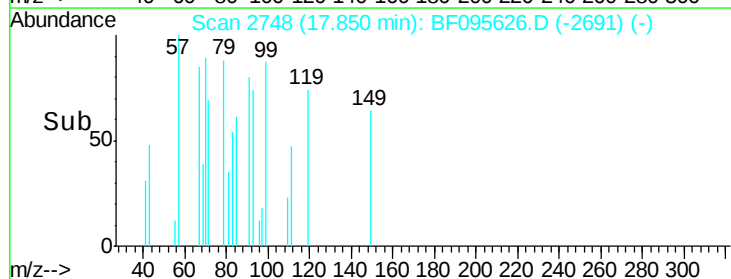
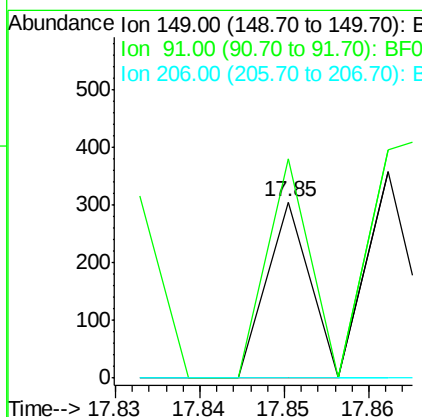
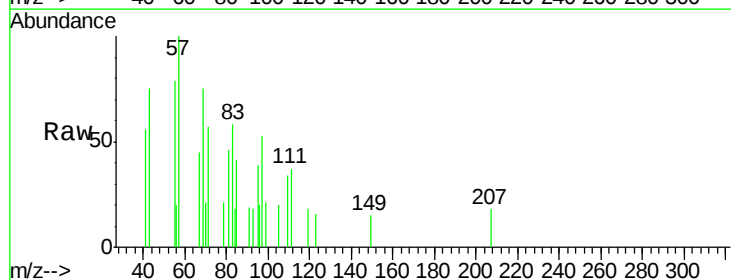
Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

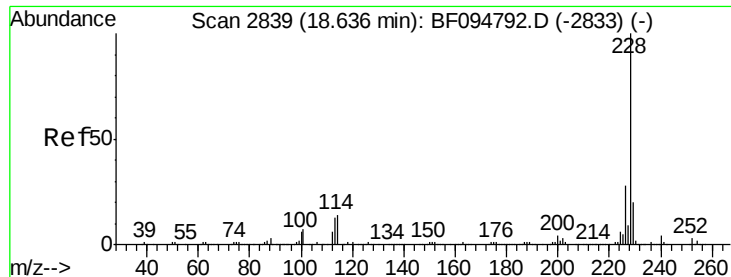
Tgt Ion: 244 Resp: 85235
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 0.015 ng
 RT: 17.85 min Scan# 2748
 Delta R.T. 0.04 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion: 149 Resp: 108
 Ion Ratio Lower Upper
 149 100
 91 124.9 45.0 67.4#
 206 0.0 17.0 25.6#





#80

Benzo(a)anthracene

Concen: 0.547 ng

RT: 18.49 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

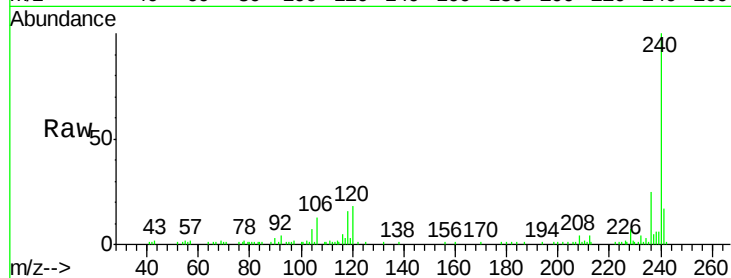
Tgt Ion:228 Resp: 6432

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

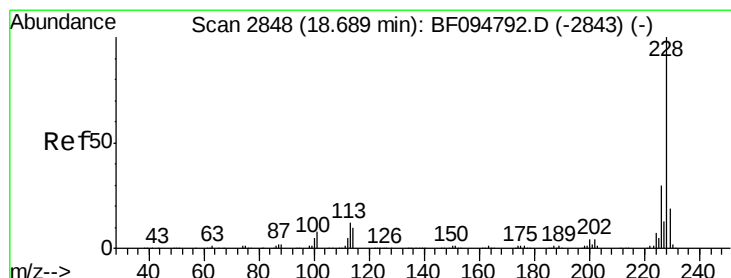
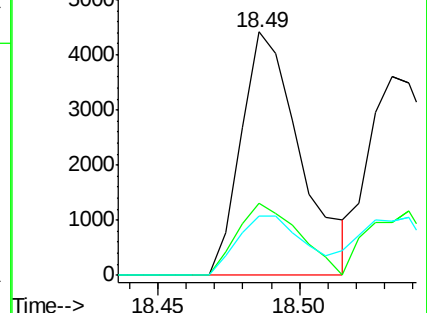
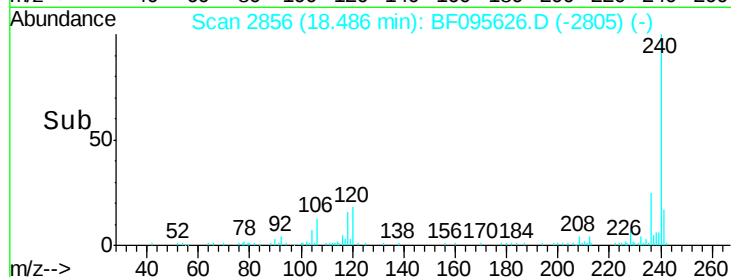
229 24.4 16.3 24.5



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



#82

Chrysene

Concen: 0.648 ng

RT: 18.53 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

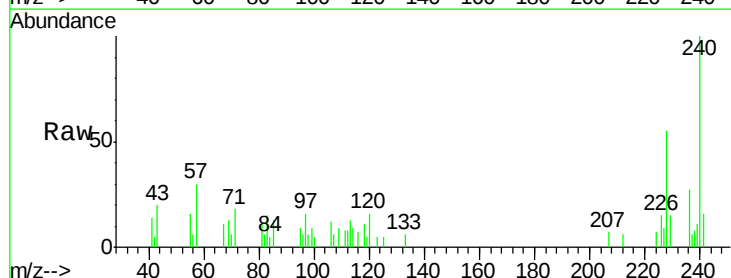
Tgt Ion:228 Resp: 7367

Ion Ratio Lower Upper

228 100

226 26.5 24.9 37.3

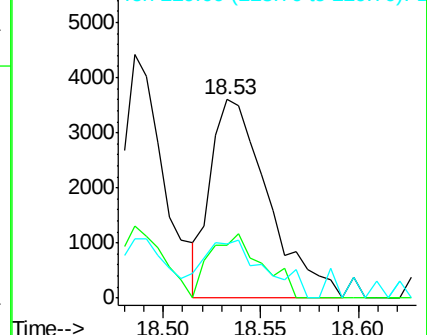
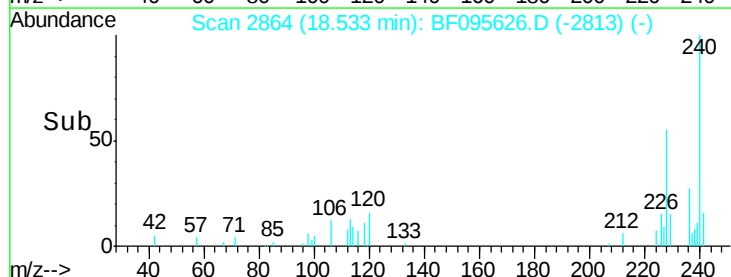
229 27.1 15.8 23.6#

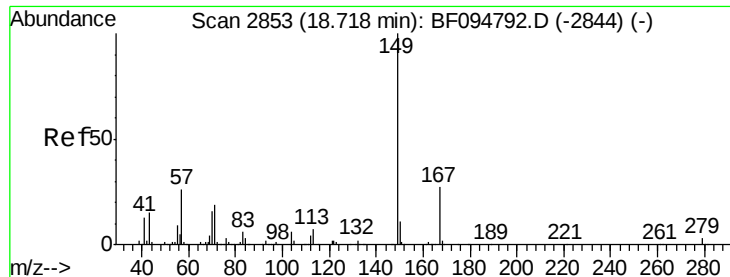


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.101 ng

RT: 18.55 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

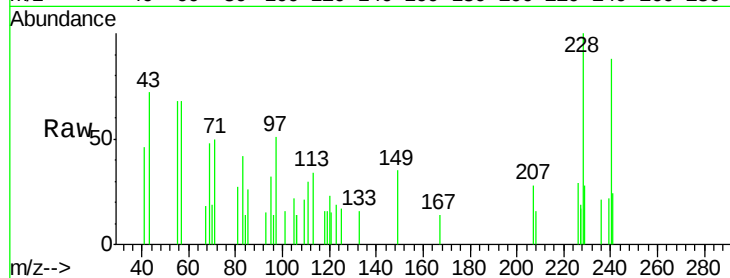
Tgt Ion:149 Resp: 1012

Ion Ratio Lower Upper

149 100

167 40.4 21.0 31.4#

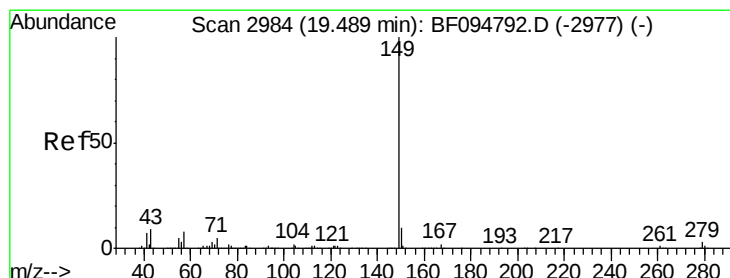
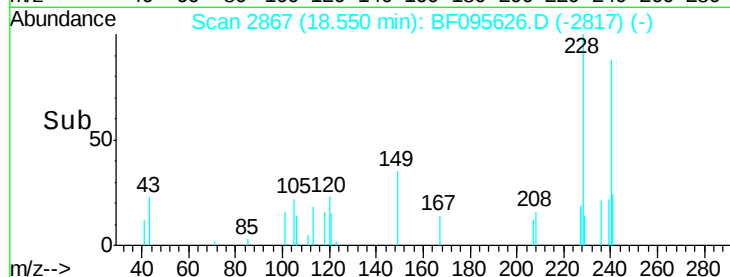
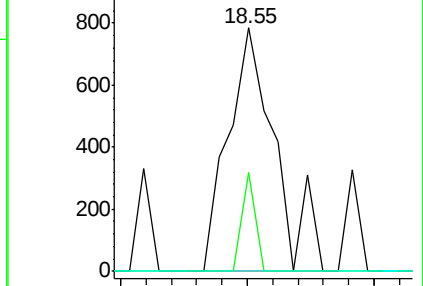
279 0.0 1.9 2.9#



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: 0.033 ng

RT: 19.32 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

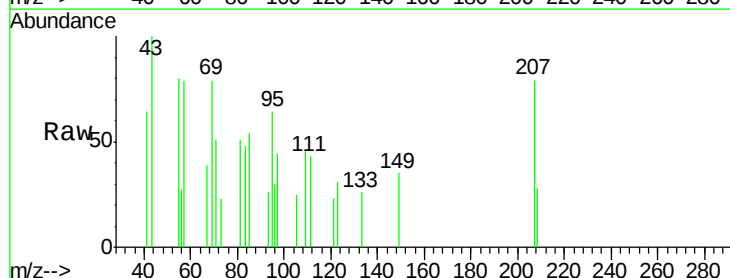
Tgt Ion:149 Resp: 546

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

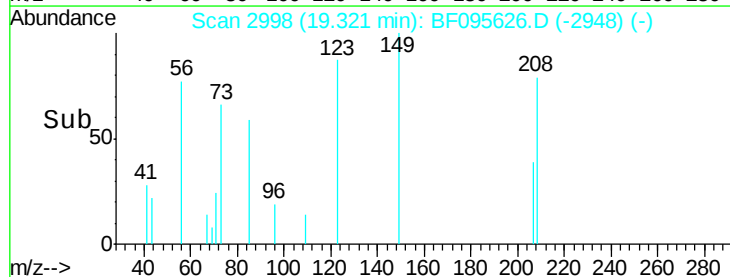
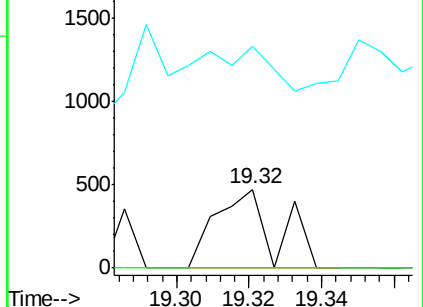
43 101.1 8.5 12.7#

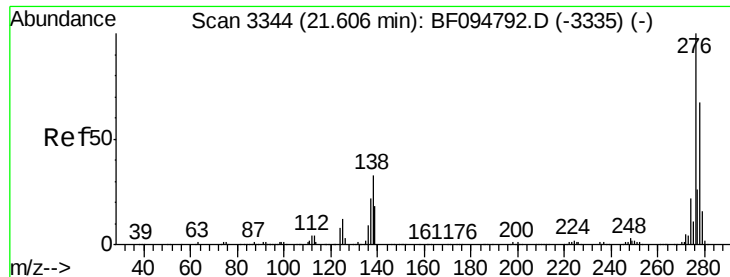


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

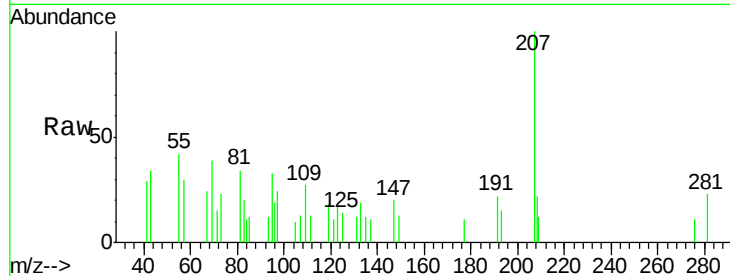




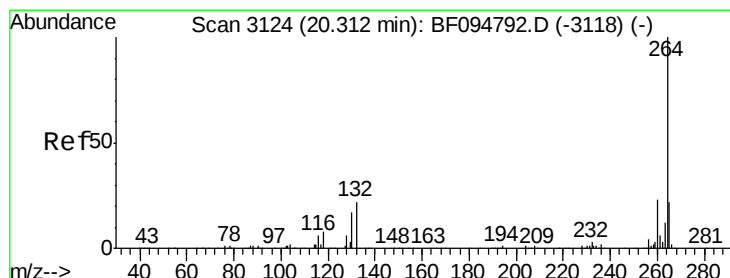
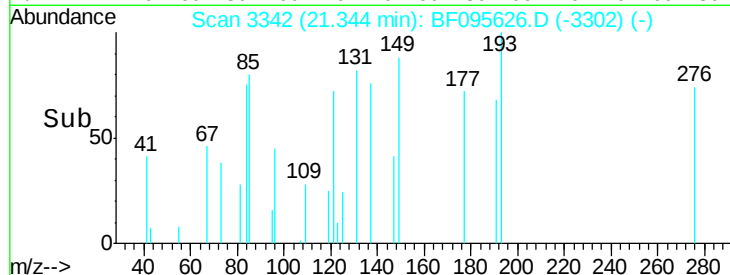
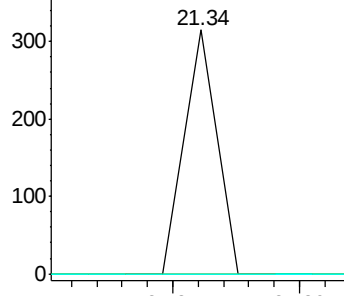
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.012 ng
 RT: 21.34 min Scan# 3342
 Delta R.T. -0.06 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-BASE

Tgt Ion: 276 Resp: 111
 Ion Ratio Lower Upper
 276 100
 138 0.0 27.8 41.6#
 277 0.0 20.2 30.4#

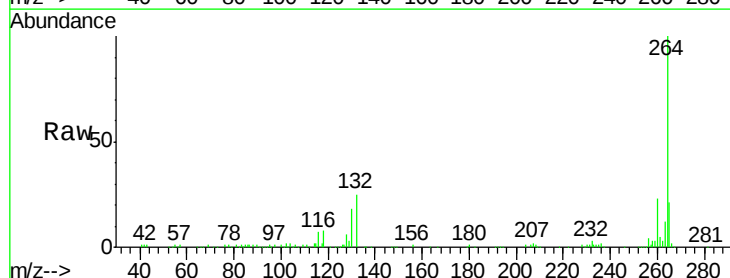


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

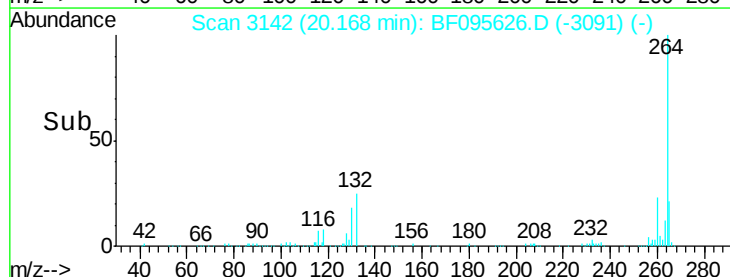
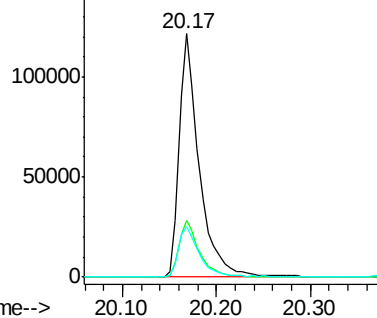


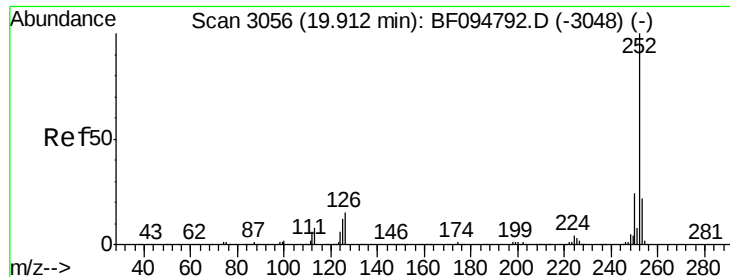
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095626.D
 Acq: 2 Jun 2017 9:14

Tgt Ion: 264 Resp: 182682
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

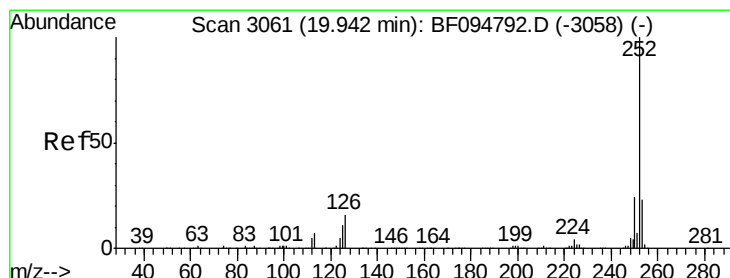
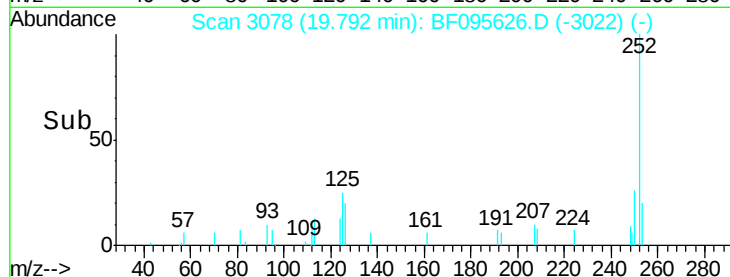
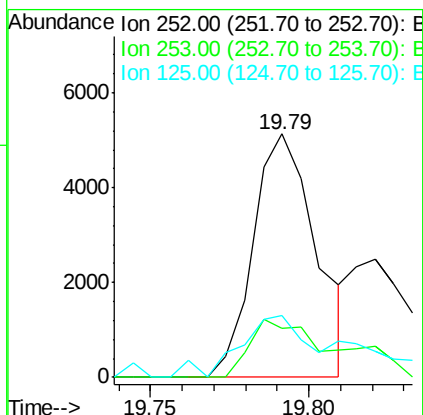
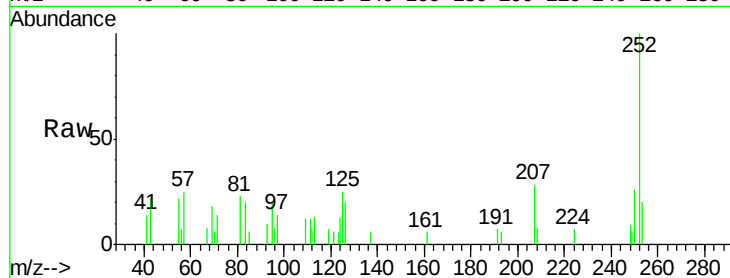




#87
Benzo(b)fluoranthene
Concen: 0.629 ng
RT: 19.79 min Scan# 3078
Delta R.T. 0.03 min
Lab File: BF095626.D
Acq: 2 Jun 2017 9:14

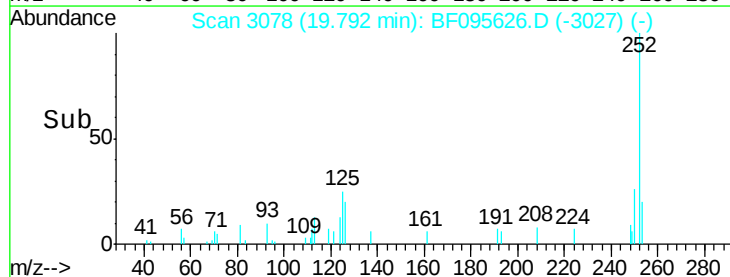
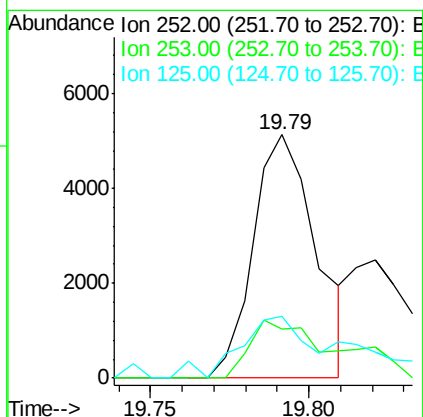
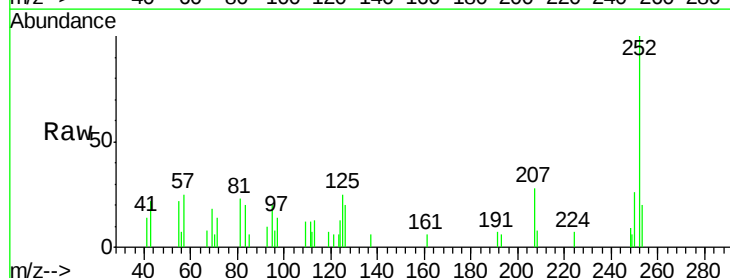
Instrument :
BNA_F
ClientSampleId :
E2-T6-BASE

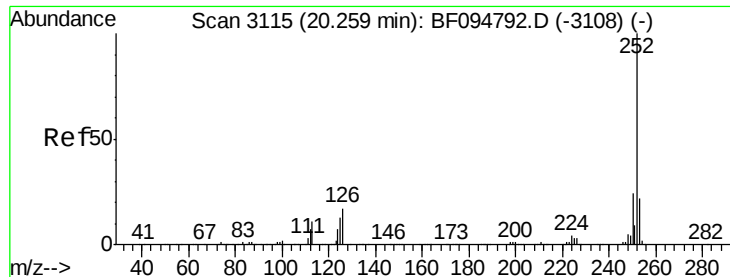
Tgt Ion:252 Resp: 7098
Ion Ratio Lower Upper
252 100
253 20.2 18.1 27.1
125 25.5 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 0.652 ng
RT: 19.79 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BF095626.D
Acq: 2 Jun 2017 9:14

Tgt Ion:252 Resp: 7098
Ion Ratio Lower Upper
252 100
253 20.2 18.4 27.6
125 25.5 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 0.530 ng

RT: 20.13 min Scan# 3135

Delta R.T. 0.02 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

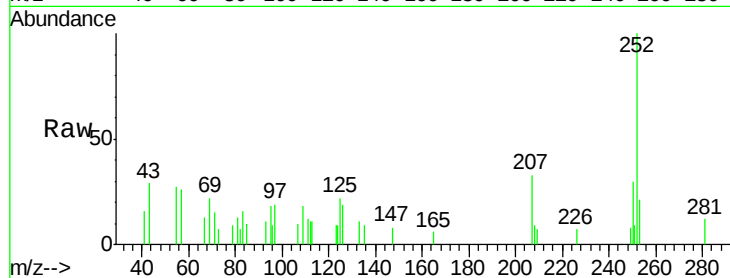
Tgt Ion:252 Resp: 5519

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

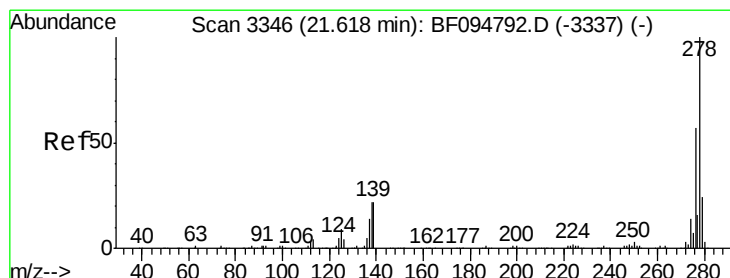
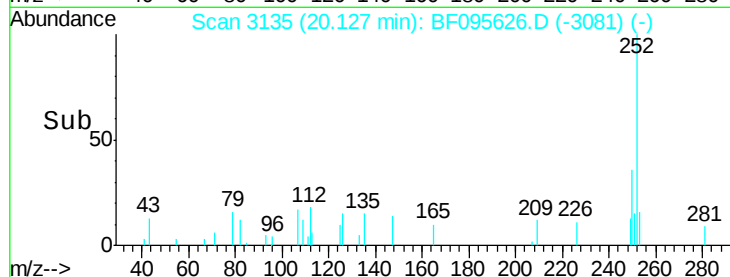
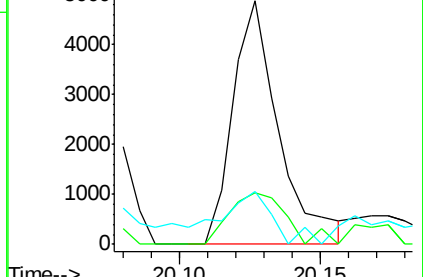
125 21.7 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.044 ng

RT: 21.46 min Scan# 3361

Delta R.T. 0.05 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

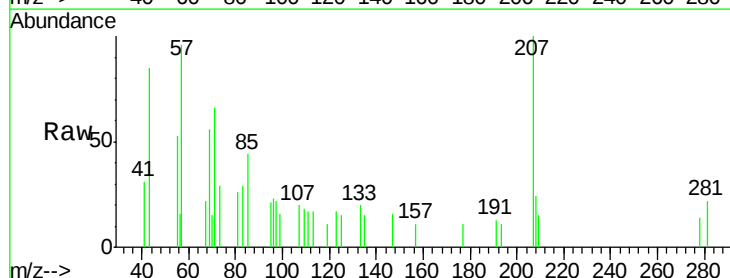
Tgt Ion:278 Resp: 381

Ion Ratio Lower Upper

278 100

139 0.0 16.6 24.8#

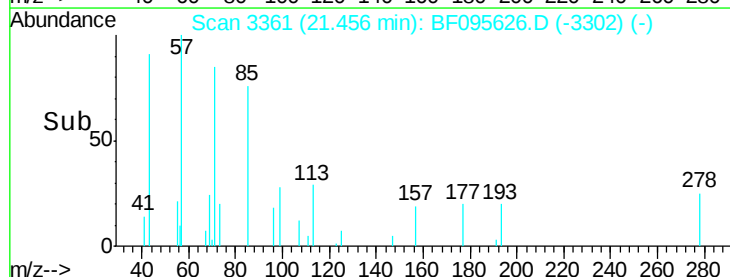
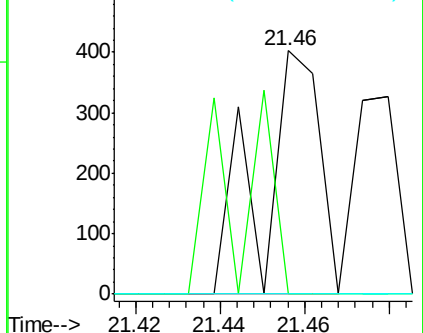
279 0.0 19.3 28.9#

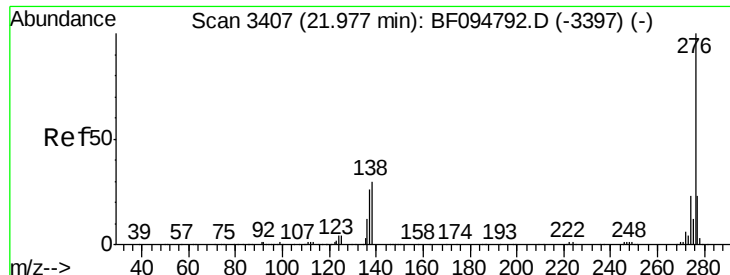


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.235 ng

RT: 21.85 min Scan# 3428

Delta R.T. 0.09 min

Lab File: BF095626.D

Acq: 2 Jun 2017 9:14

Instrument :

BNA_F

ClientSampleId :

E2-T6-BASE

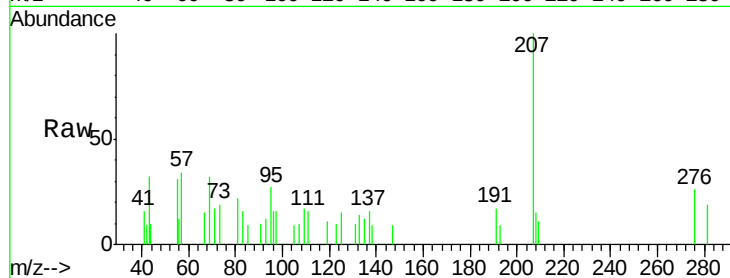
Tgt Ion: 276 Resp: 1988

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 36.4 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

