

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095864.D
 Acq On : 10 Jun 2017 23:57
 Operator : SJ/MA
 Sample : I3592-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:53:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

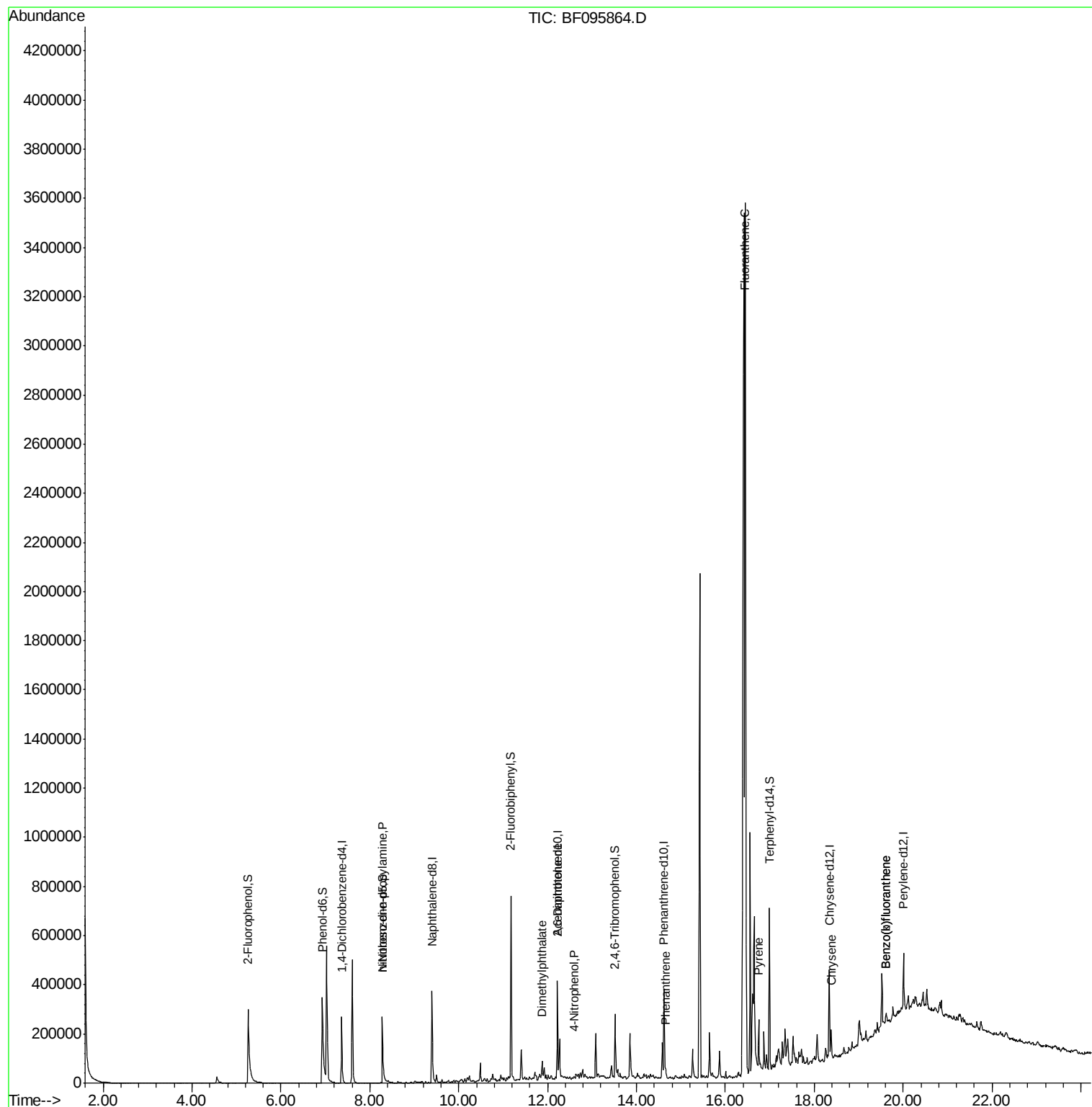
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	66458	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	265376	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	107415	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	167845	20.00	ng	-0.03
75) Chrysene-d12	18.34	240	143790	20.00	ng	-0.02
86) Perylene-d12	20.01	264	104501	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	241019	57.79	ng	-0.02
7) Phenol-d6	6.93	99	298187	59.72	ng	-0.03
23) Nitrobenzene-d5	8.28	82	169243	39.61	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	47600	50.09	ng	-0.03
44) 2-Fluorobiphenyl	11.18	172	332653	43.10	ng	-0.04
78) Terphenyl-d14	16.99	244	227030	39.18	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.28	70	20697	6.54	ng	# 75
49) Dimethylphthalate	11.87	163	30255	3.71	ng	# 98
50) 2,6-Dinitrotoluene	12.22	165	14211	7.99	ng	# 31
55) 4-Nitrophenol	12.59	139	120	4.72	ng	# 1
70) Phenanthrene	14.66	178	20159	2.08	ng	# 97
74) Fluoranthene	16.44	202	26376	2.75	ng	# 20
77) Pyrene	16.74	202	32917	3.07	ng	# 94
82) Chrysene	18.37	228	16865	2.02	ng	# 94
87) Benzo(b)fluoranthene	19.61	252	21218	3.24	ng	# 72
88) Benzo(k)fluoranthene	19.61	252	21218	3.39	ng	# 77

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095864.D
Acq On : 10 Jun 2017 23:57
Operator : SJ/MA
Sample : I3592-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 12 03:53:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



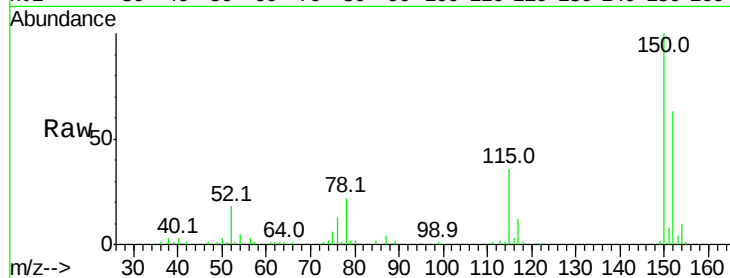


#1

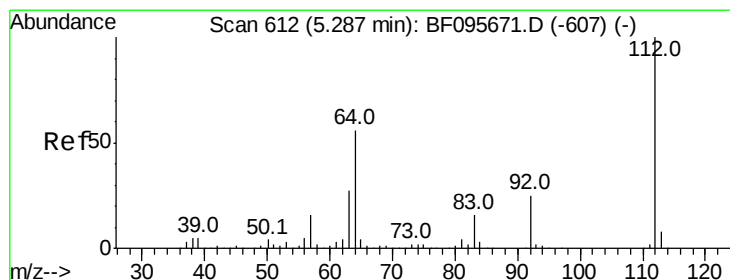
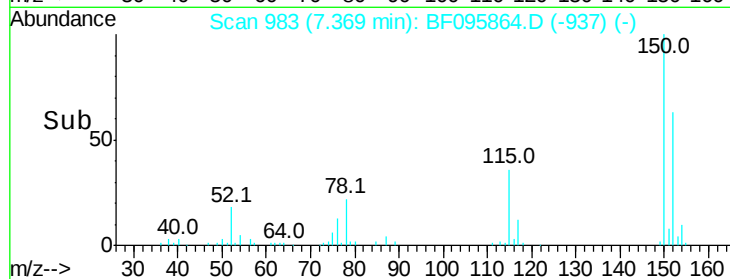
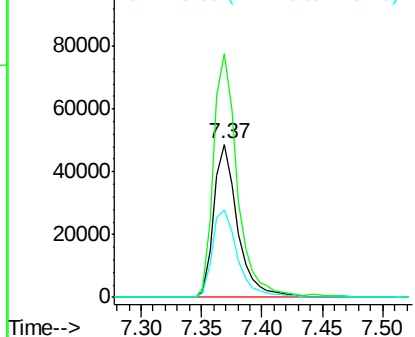
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 66458
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 57.4 52.2 78.2



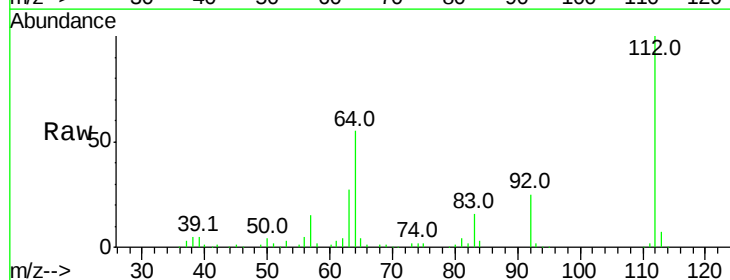
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



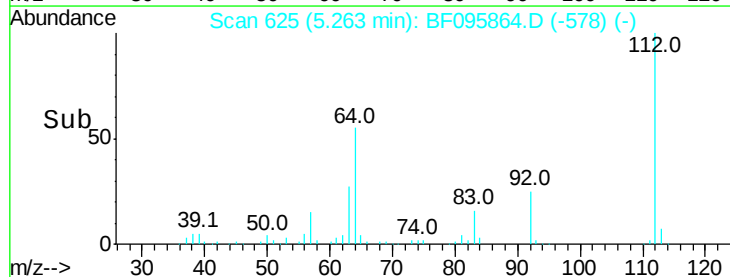
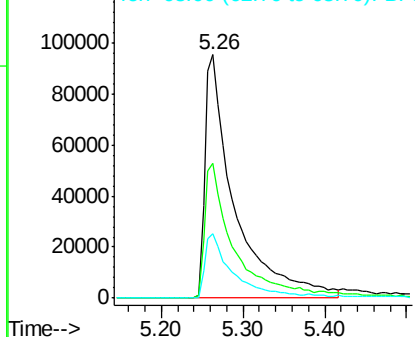
#5

2-Fluorophenol
Concen: 57.79 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion:112 Resp: 241019
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 26.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.72 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

ClientSampleId :

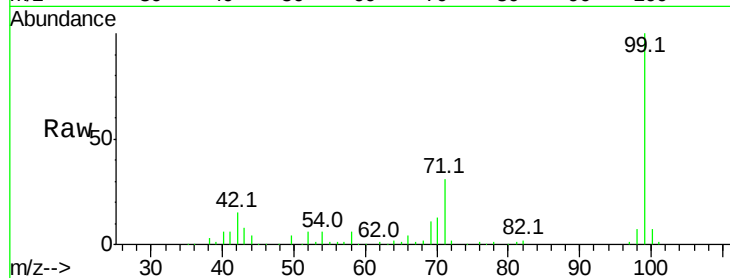
Tot Ion: 99 Resp: 298187

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

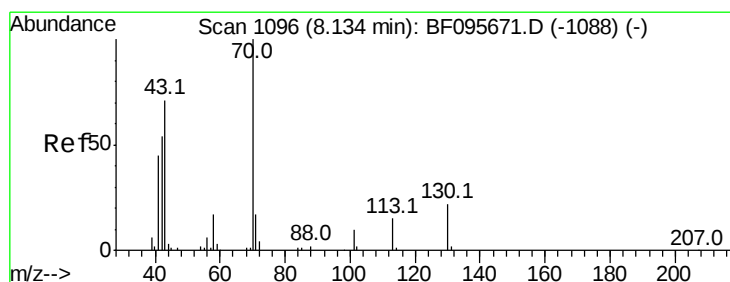
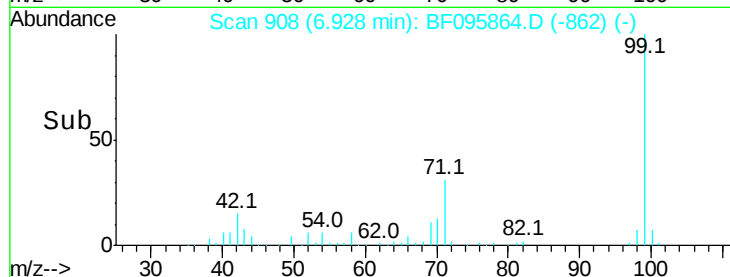
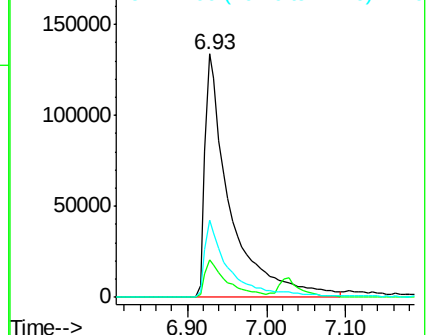
71 31.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.54 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Tgt Ion: 70 Resp: 20697

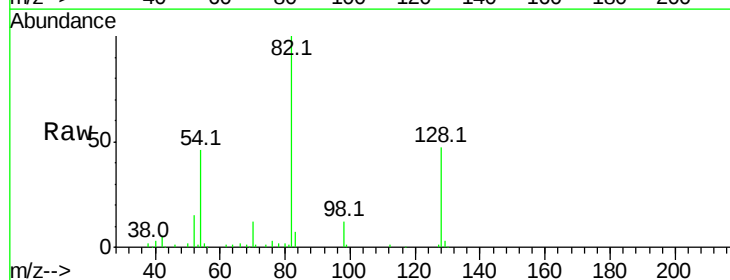
Ion Ratio Lower Upper

70 100

42 42.7 47.2 70.8#

101 0.0 7.2 10.8#

130 4.0 15.9 23.9#

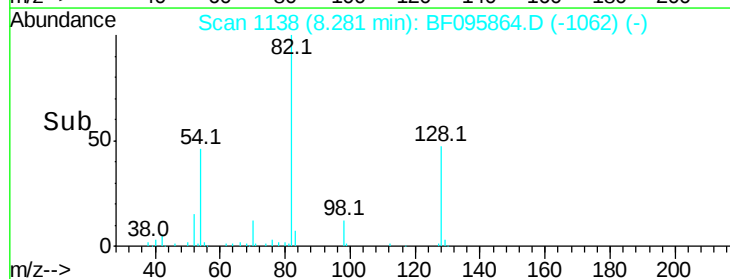
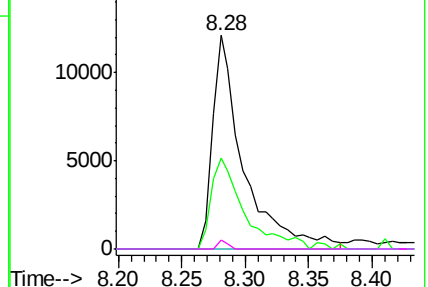


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 265376

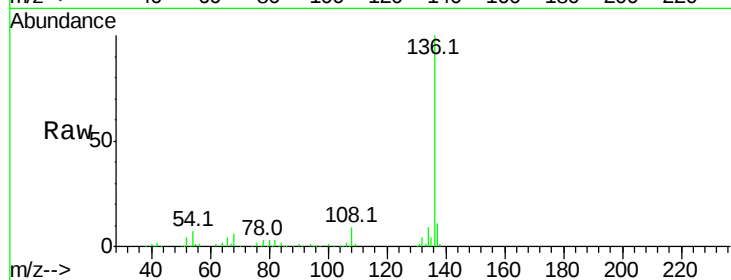
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

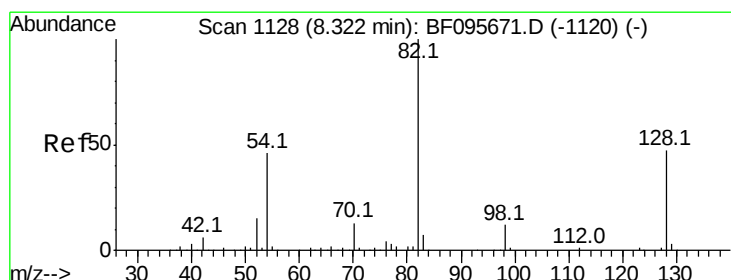
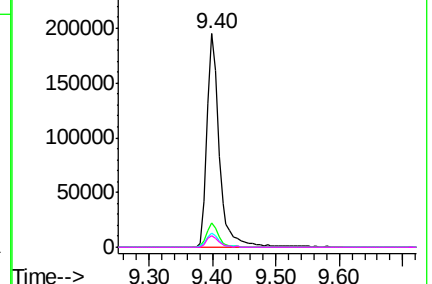
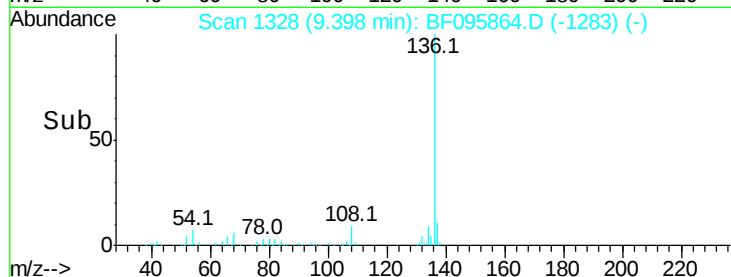


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 39.61 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

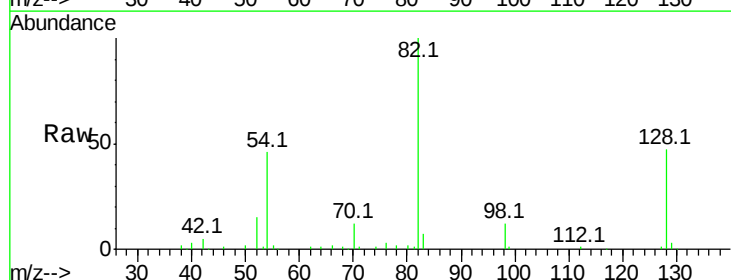
Tgt Ion: 82 Resp: 169243

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

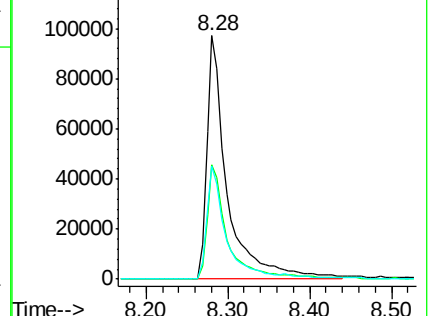
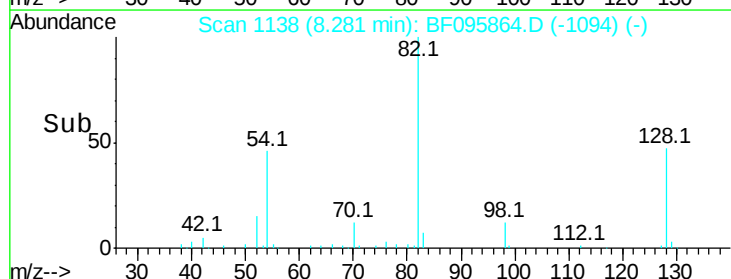
54 46.3 42.2 63.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

ClientSampleId :

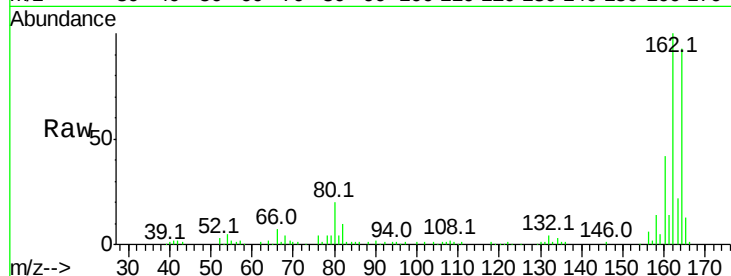
Tot Ion:164 Resp: 107415

Ion Ratio Lower Upper

164 100

162 107.1 82.6 123.8

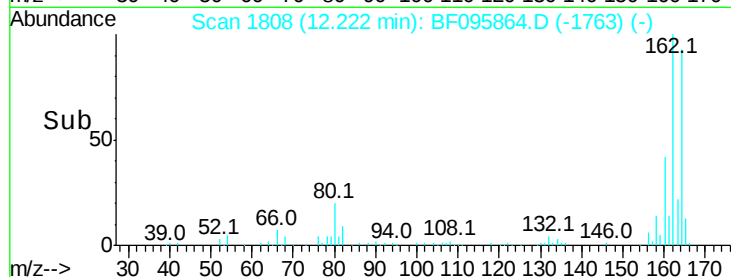
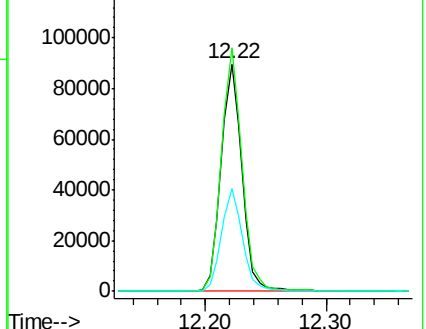
160 45.3 36.2 54.2



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: 50.09 ng

RT: 13.52 min Scan# 2029

Delta R.T. -0.03 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

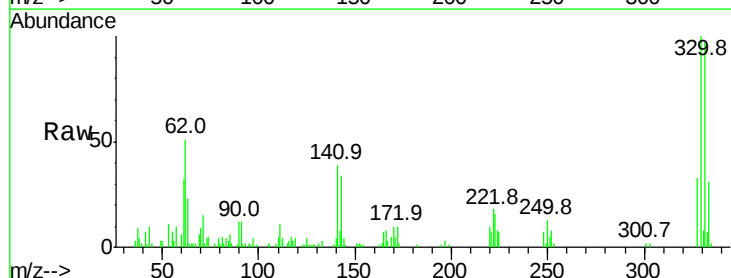
Tgt Ion:330 Resp: 47600

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

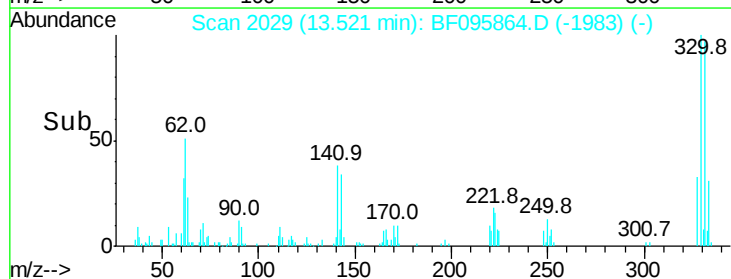
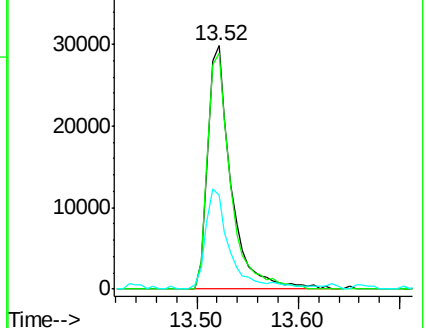
141 42.7 31.4 47.2



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

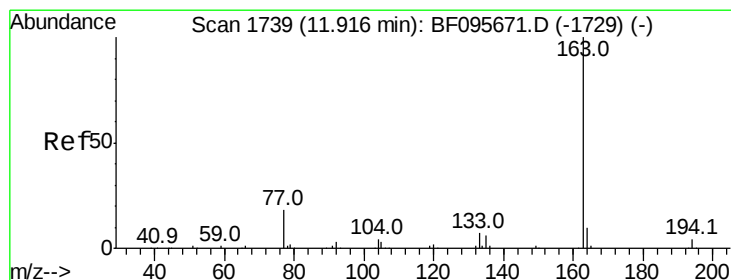
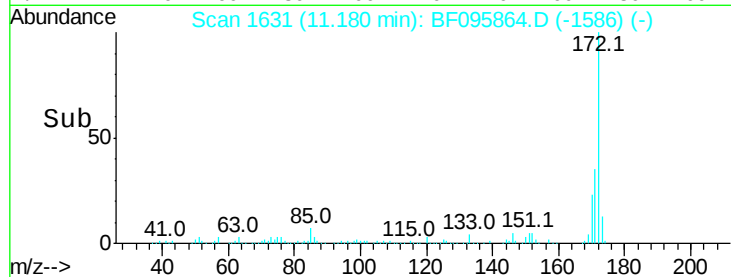
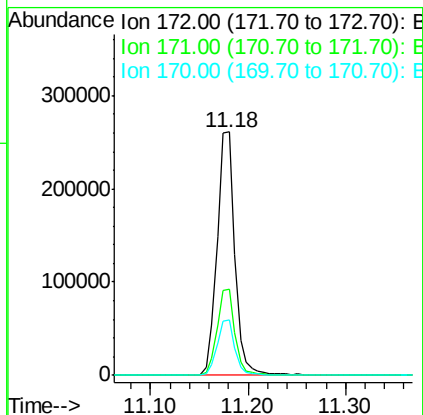
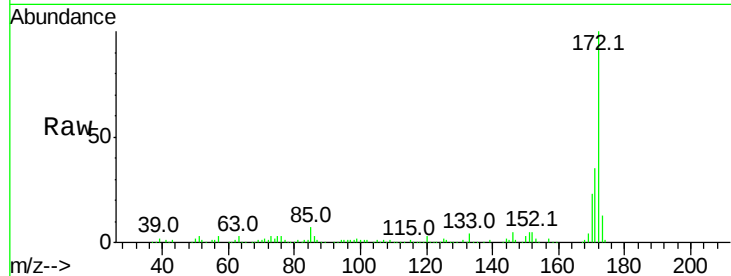




#44
2-Fluorobiphenyl
Concen: 43.10 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

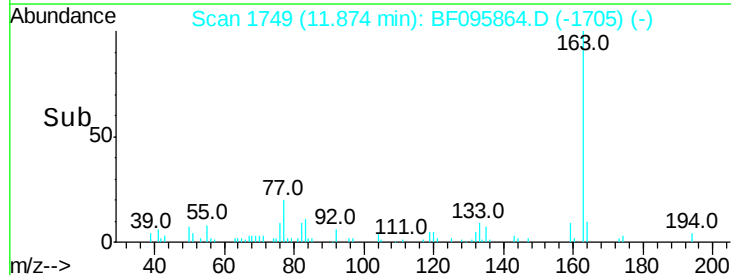
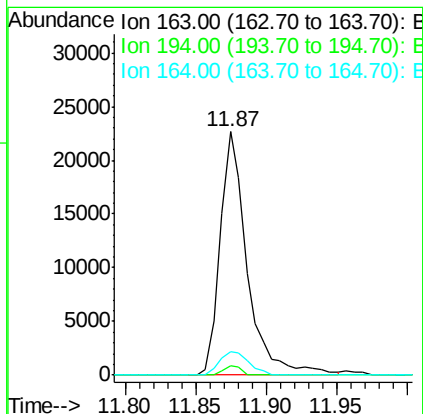
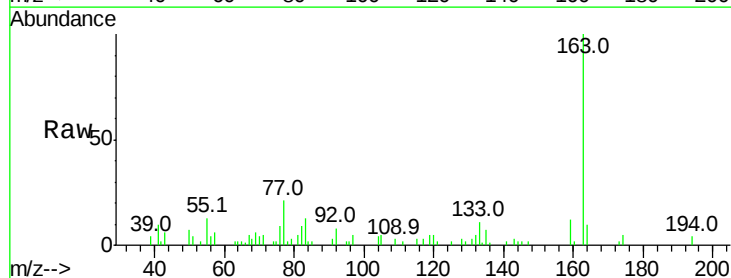
Instrument :
BNA_F
ClientSampleId :

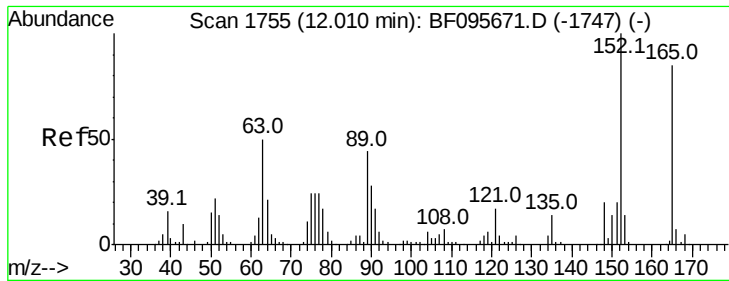
Tot Ion:172 Resp: 332653
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 22.8 19.8 29.8



#49
Dimethylphthalate
Concen: 3.71 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion:163 Resp: 30255
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.6 8.4 12.6

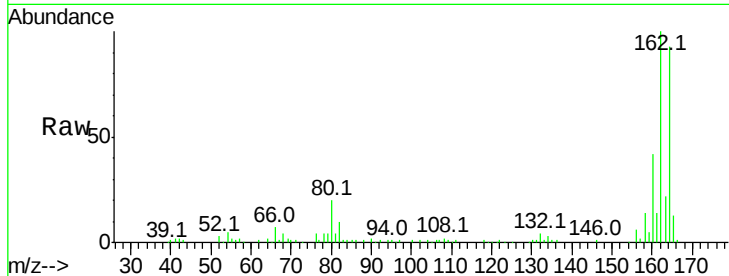




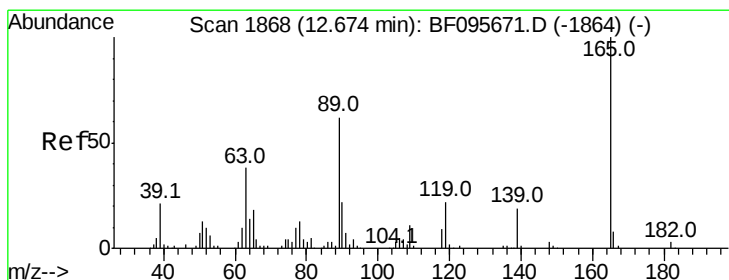
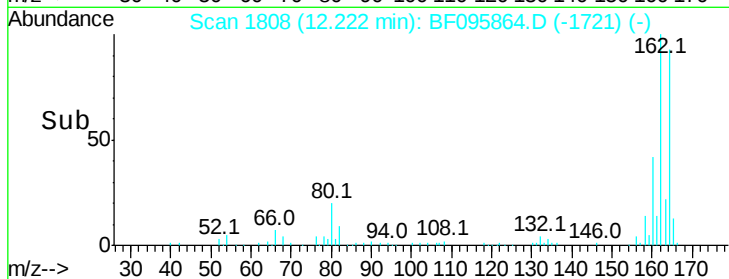
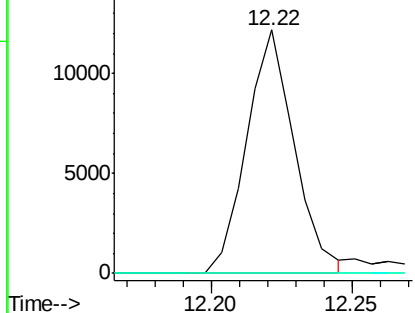
#50
2,6-Dinitrotoluene
Concen: 7.99 ng
RT: 12.22 min Scan# 1808
Delta R.T. 0.21 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 14211
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

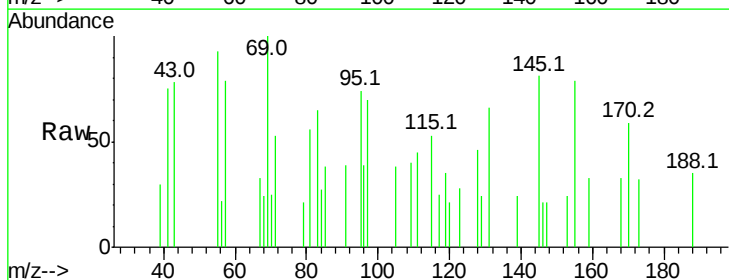


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

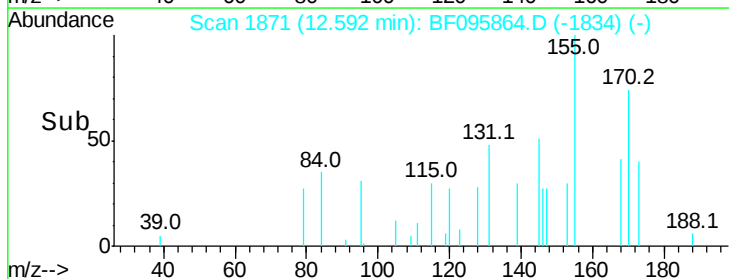
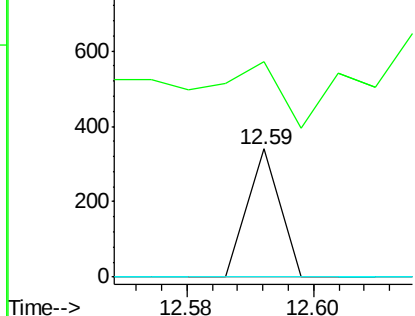


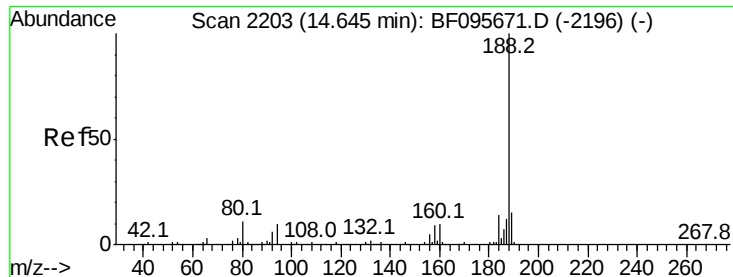
#55
4-Nitrophenol
Concen: 4.72 ng
RT: 12.59 min Scan# 1871
Delta R.T. -0.08 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
109 168.5 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

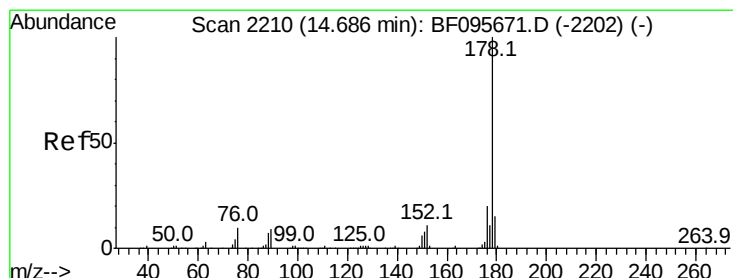
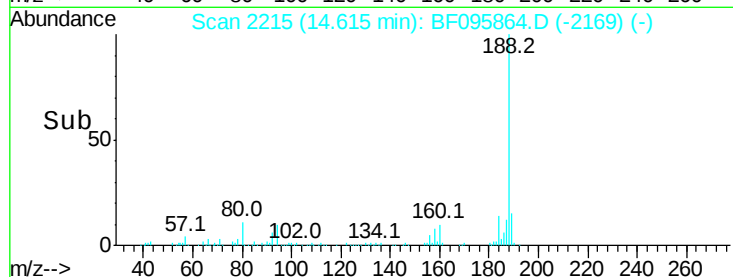
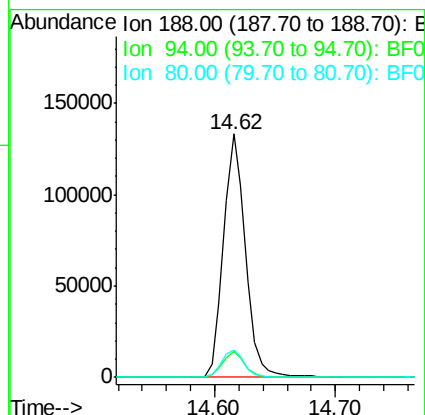
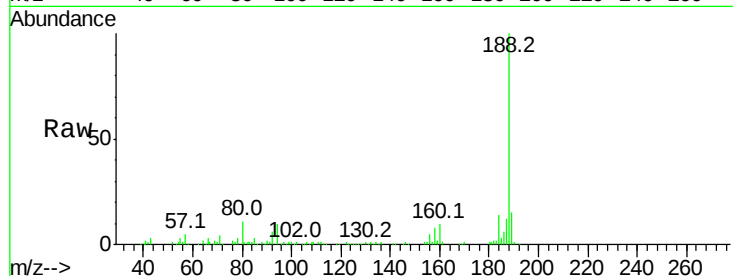




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

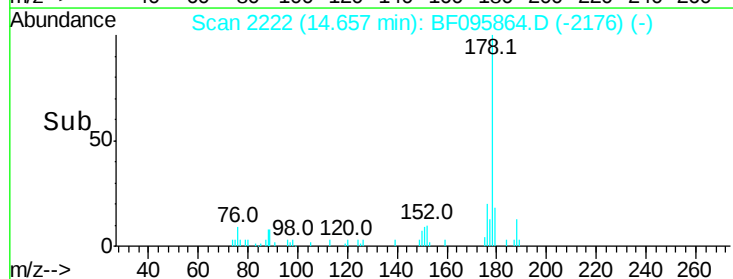
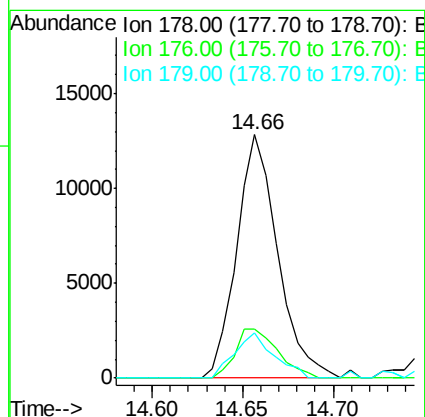
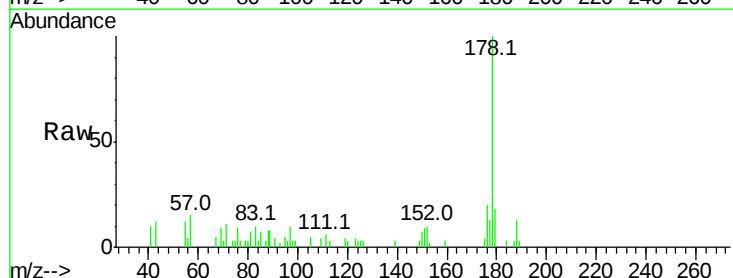
Instrument :
BNA_F
ClientSampleId :

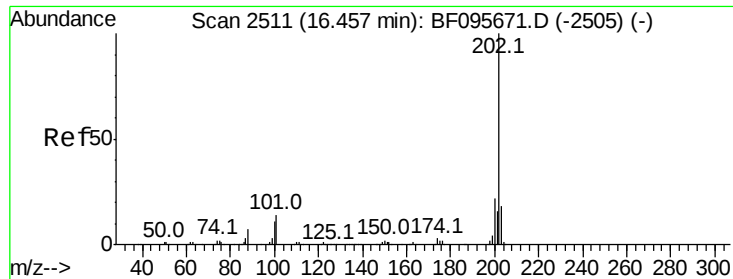
Tot Ion:188 Resp: 167845
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.3 10.2 15.2



#70
Phenanthrene
Concen: 2.08 ng
RT: 14.66 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion:178 Resp: 20159
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 18.4 12.6 19.0





#74

Fluoranthene

Concen: 2.75 ng

RT: 16.44 min Scan# 2525

Delta R.T. -0.02 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

ClientSampleId :

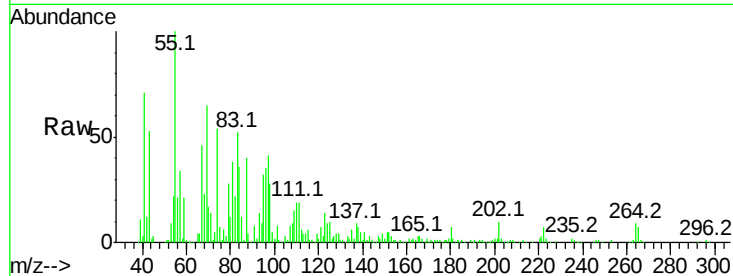
Tot Ion:202 Resp: 26376

Ion Ratio Lower Upper

202 100

101 84.8 0.0 33.2#

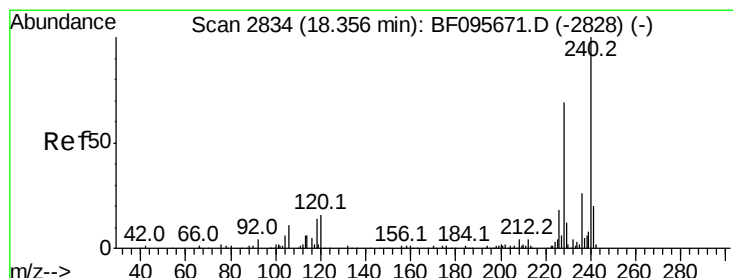
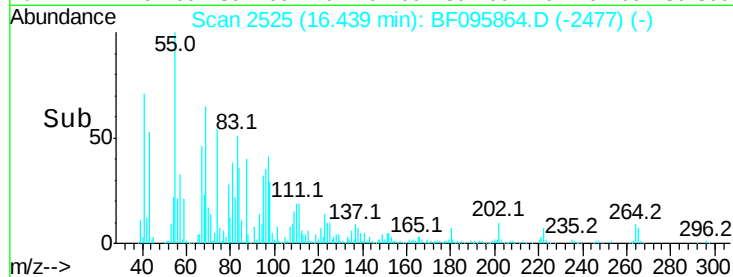
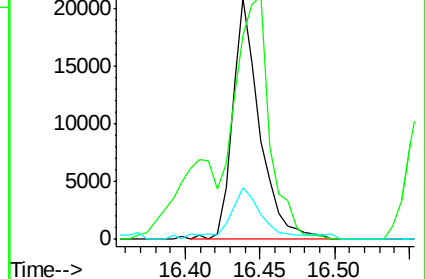
203 21.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

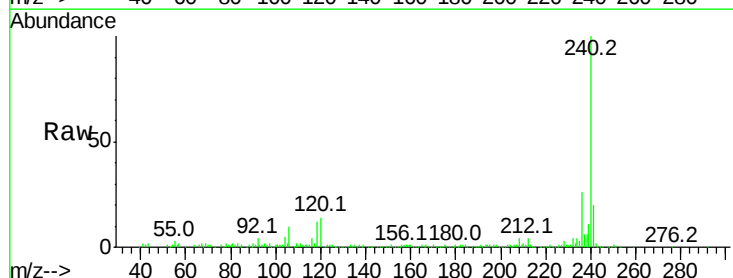
Tgt Ion:240 Resp: 143790

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

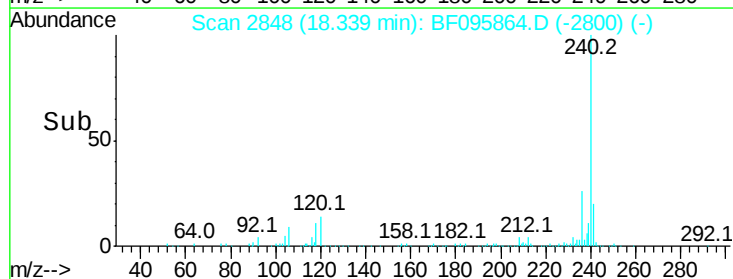
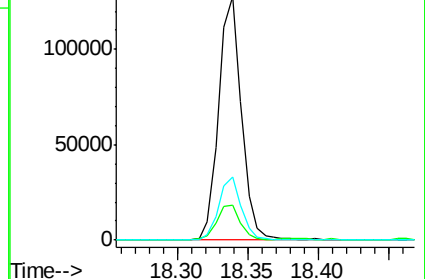
236 26.2 20.5 30.7

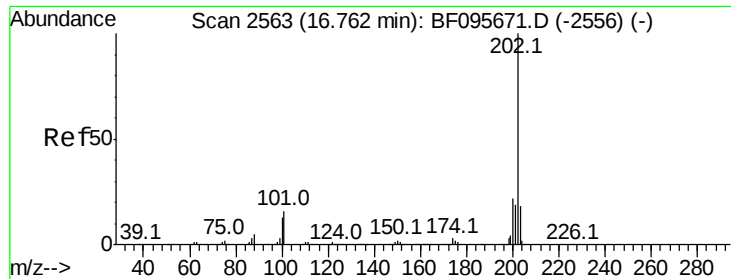


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

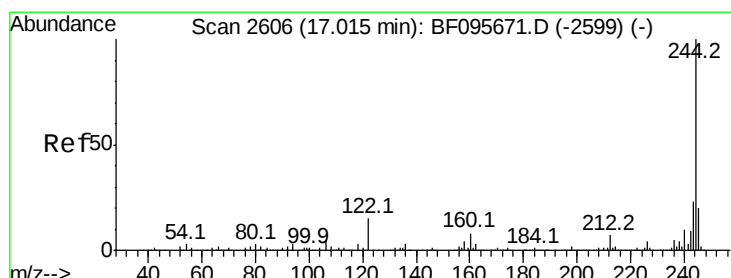
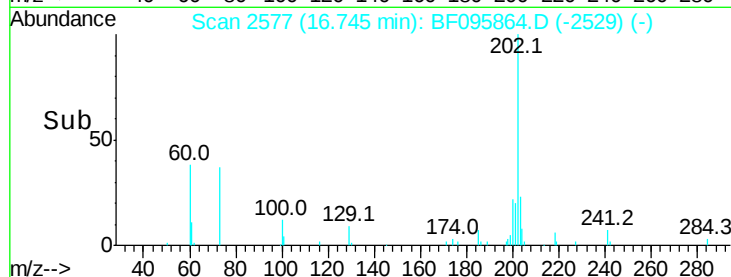
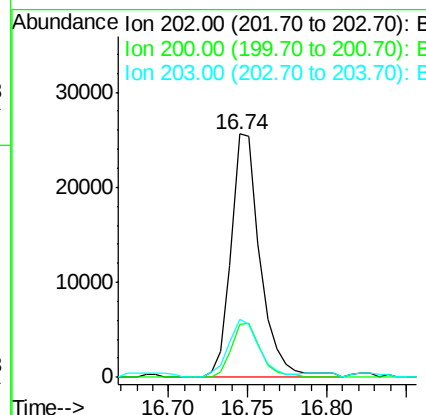
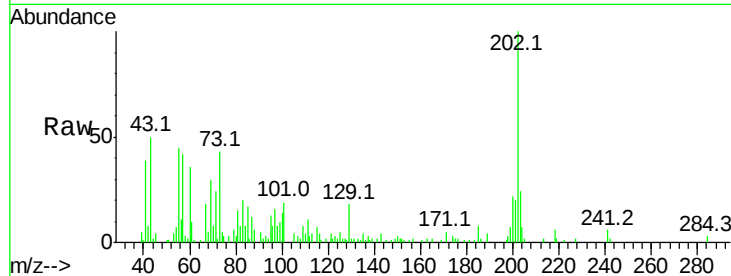




#77
Pvrene
Concen: 3.07 ng
RT: 16.74 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

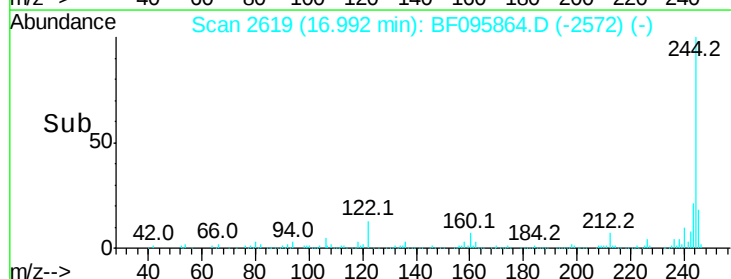
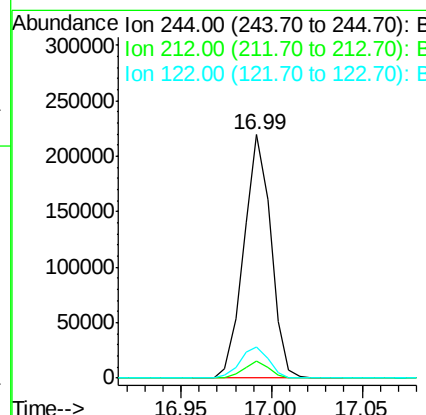
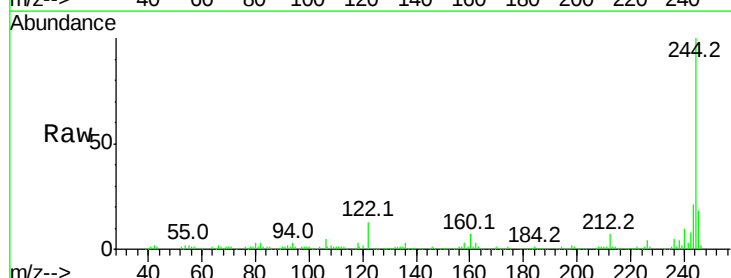
Instrument :
BNA_F
ClientSampleId :

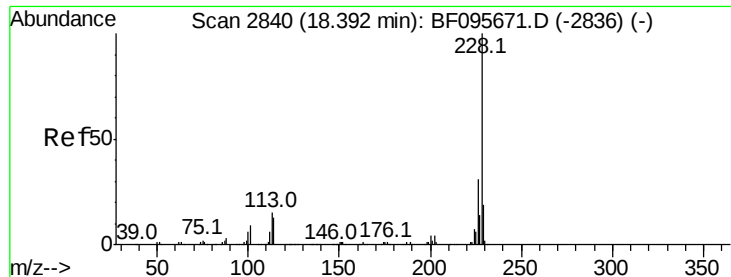
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	23.7	14.4	21.6



#78
Terphenyl-d14
Concen: 39.18 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095864.D
Acq: 10 Jun 2017 23:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.0	10.3	15.5





#82

Chrysene

Concen: 2.02 ng

RT: 18.37 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

ClientSampleId :

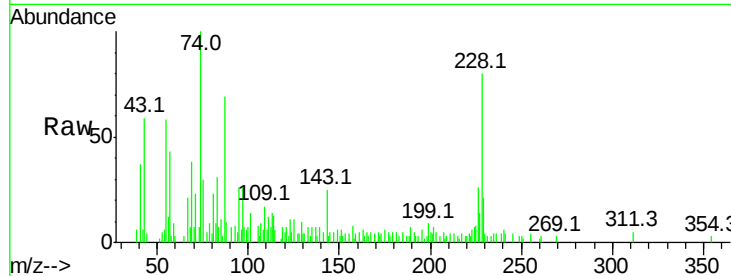
Tot Ion:228 Resp: 16865

Ion Ratio Lower Upper

228 100

226 32.0 24.9 37.3

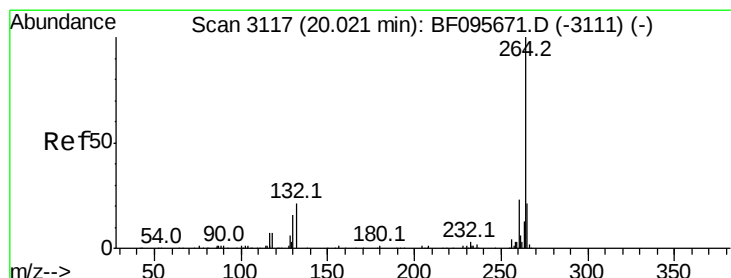
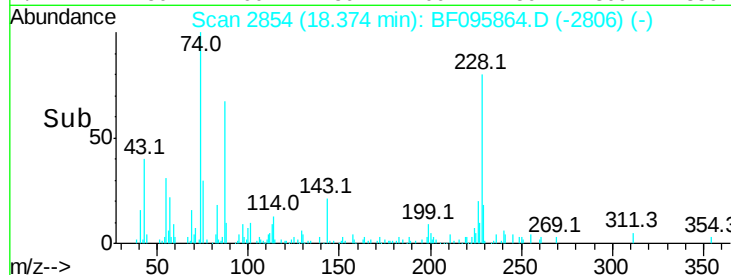
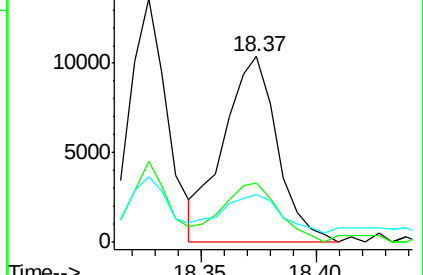
229 25.5 15.8 23.6#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.01 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

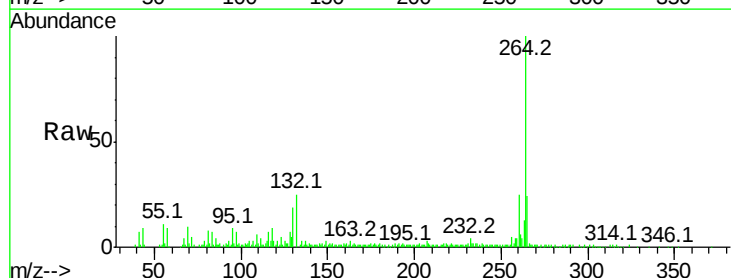
Tgt Ion:264 Resp: 104501

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

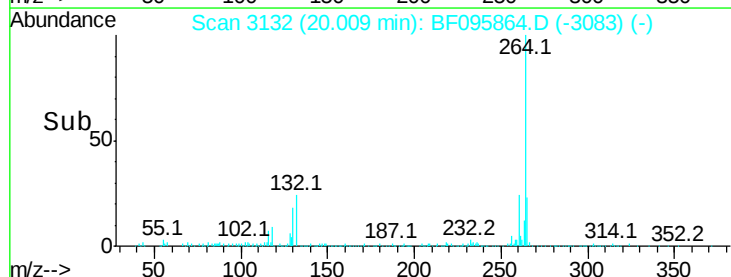
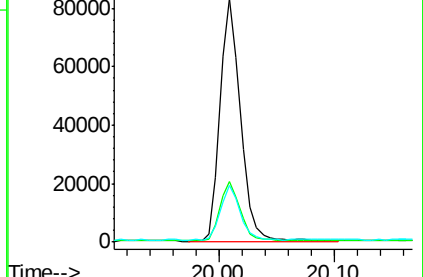
265 23.5 17.2 25.8

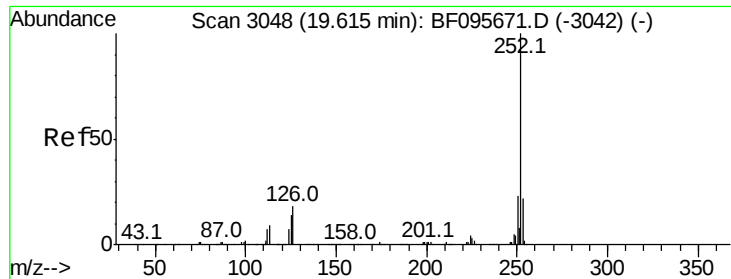


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.24 ng

RT: 19.61 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BF095864.D

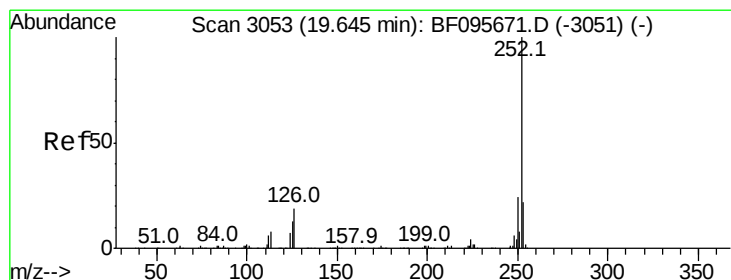
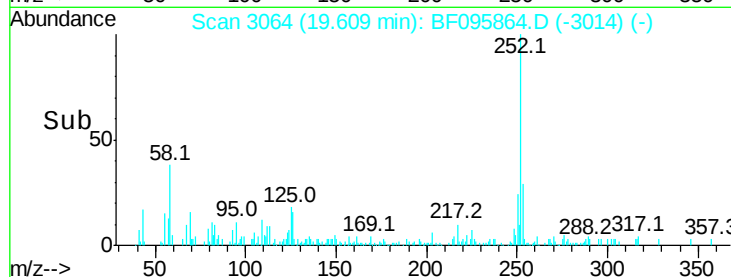
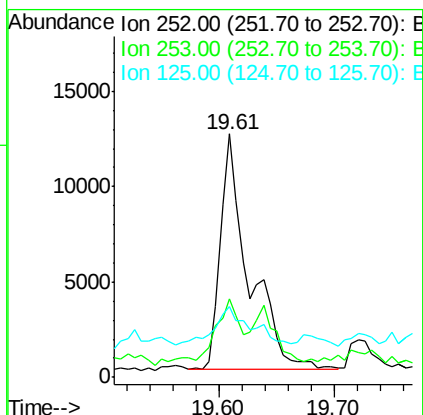
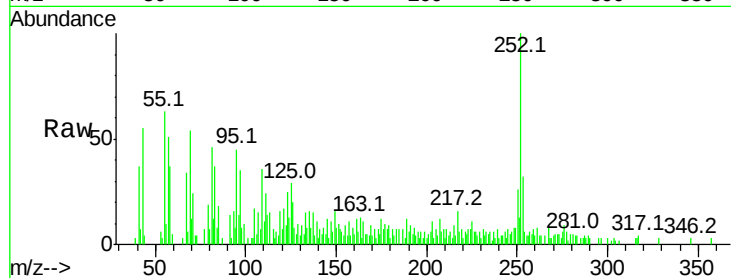
Acq: 10 Jun 2017 23:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	21218
Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.1	27.1#
125	29.1	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 3.39 ng

RT: 19.61 min Scan# 3064

Delta R.T. -0.04 min

Lab File: BF095864.D

Acq: 10 Jun 2017 23:57

Tgt Ion:	252	Resp:	21218
Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.4	27.6#
125	29.1	13.1	19.7#

