

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095269.D
 Acq On : 19 May 2017 18:25
 Operator : SJ/MA
 Sample : I3202-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 00:29:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

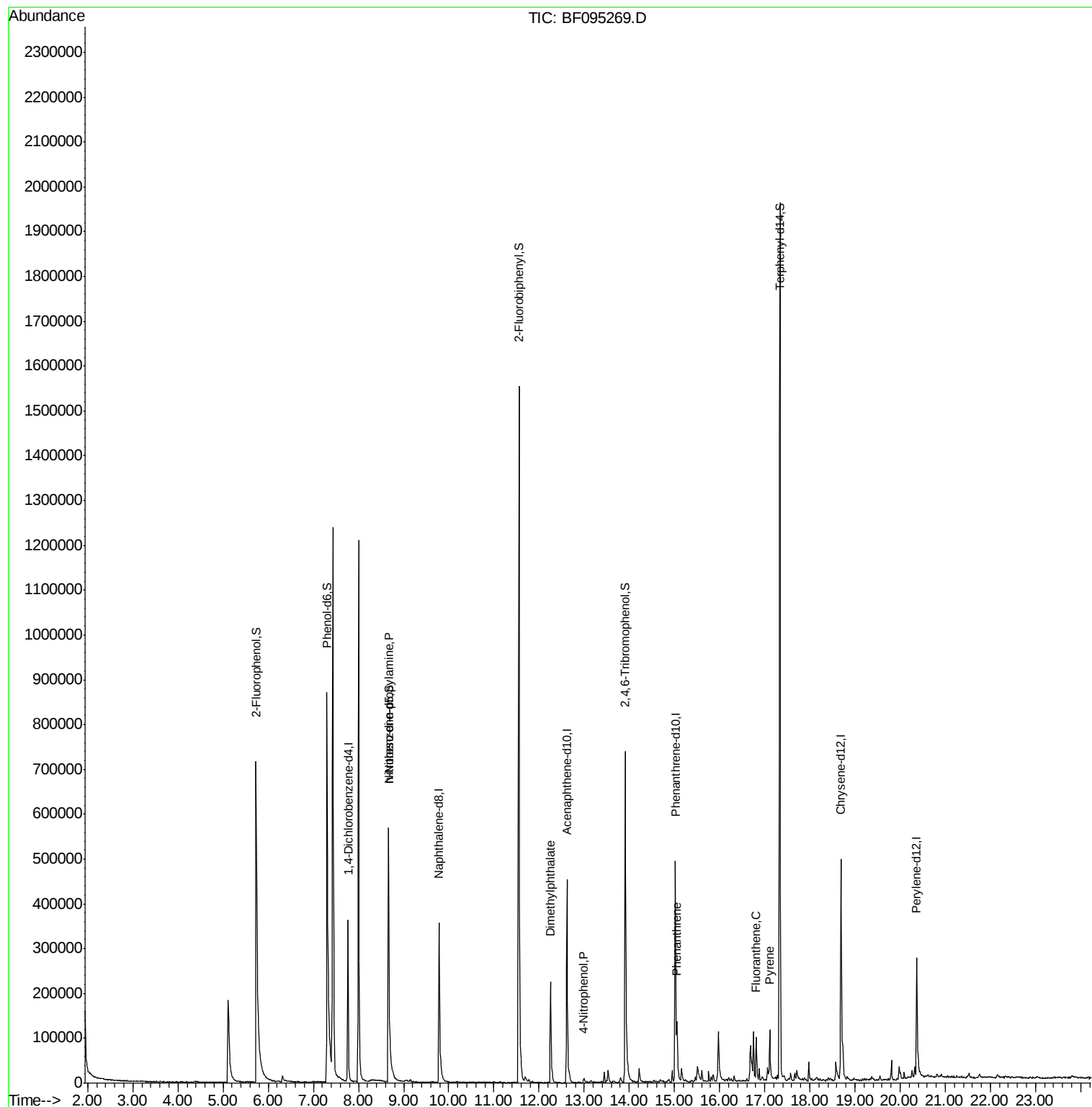
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	82234	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	336600	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	156590	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	302541	20.00	ng	0.00
75) Chrysene-d12	18.69	240	260966	20.00	ng	0.00
86) Perylene-d12	20.36	264	171347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	574037	116.38	ng	0.00
7) Phenol-d6	7.30	99	705740	119.25	ng	-0.01
23) Nitrobenzene-d5	8.67	82	405576	75.98	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	160573	125.21	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	812776	74.71	ng	0.00
78) Terphenyl-d14	17.34	244	770854	65.06	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	48018	12.00	ng	# 74
49) Dimethylphthalate	12.25	163	189793	14.76	ng	98
55) 4-Nitrophenol	12.99	139	3937	2.33	ng	# 25
70) Phenanthrene	15.06	178	84687	4.87	ng	96
74) Fluoranthene	16.81	202	74330	4.17	ng	99
77) Pyrene	17.11	202	61205	3.14	ng	# 95

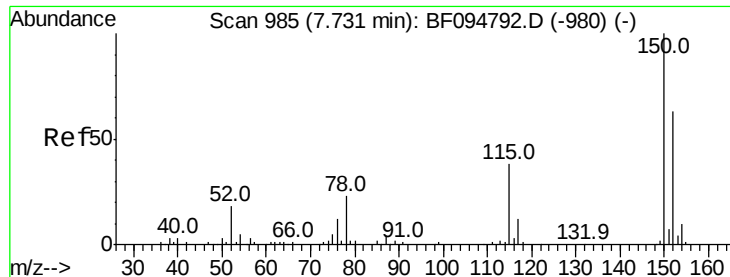
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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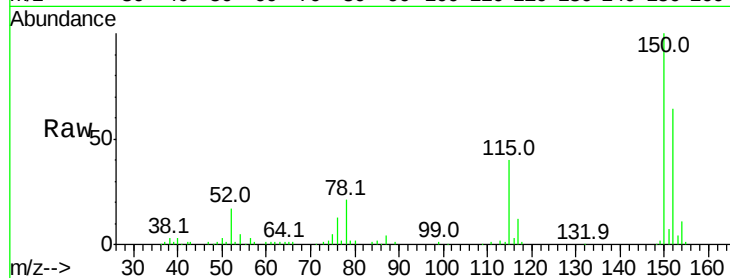


#1

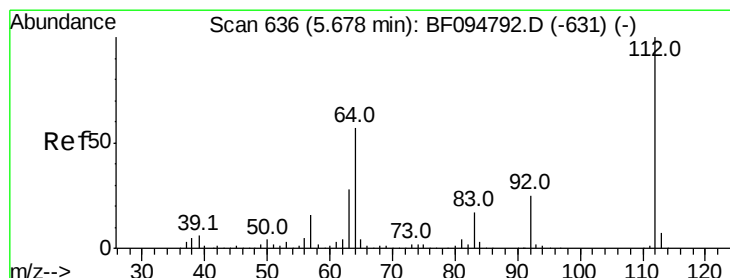
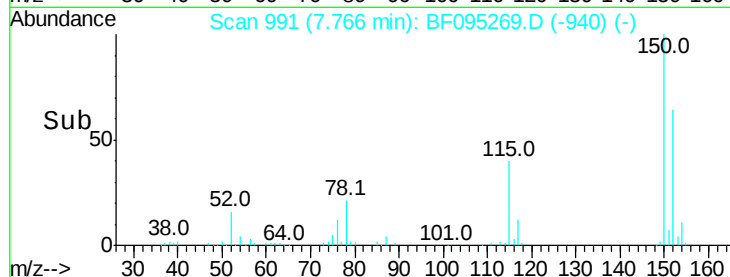
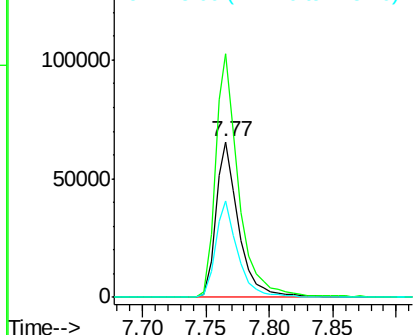
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF095269.D
Acq: 19 May 2017 18:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 82234
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 62.2 52.2 78.2



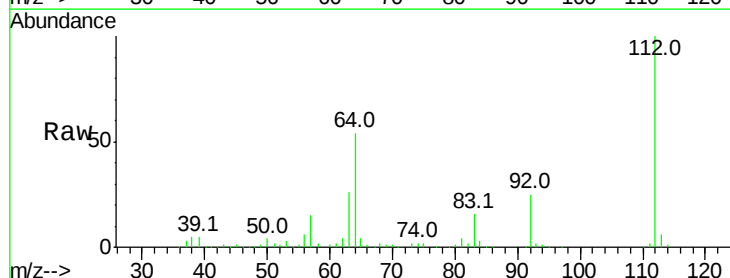
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



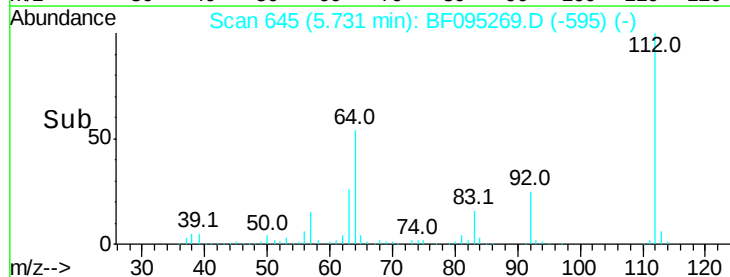
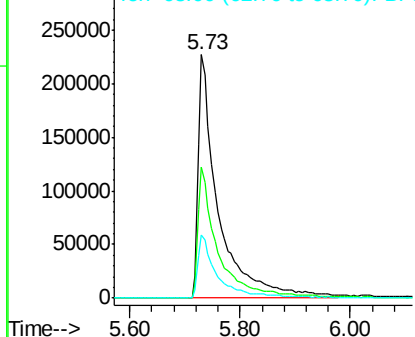
#5

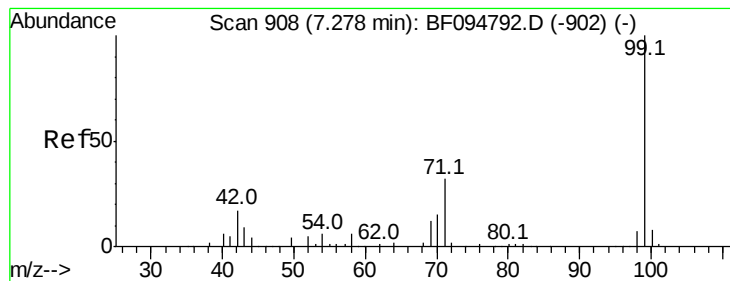
2-Fluorophenol
Concen: 116.38 ng
RT: 5.73 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF095269.D
Acq: 19 May 2017 18:25

Tgt Ion:112 Resp: 574037
Ion Ratio Lower Upper
112 100
64 53.7 46.0 69.0
63 25.9 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





#7

Phenol-d6

Concen: 119.25 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :

BNA_F

ClientSampleId :

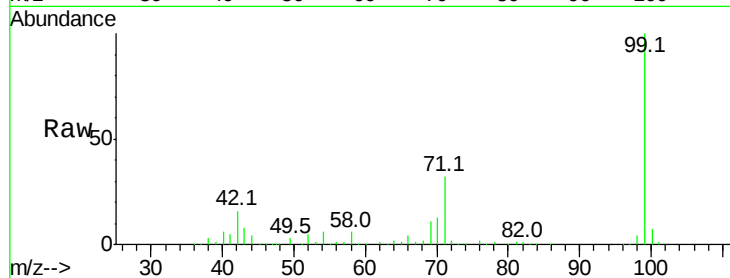
Tot Ion: 99 Resp: 705740

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

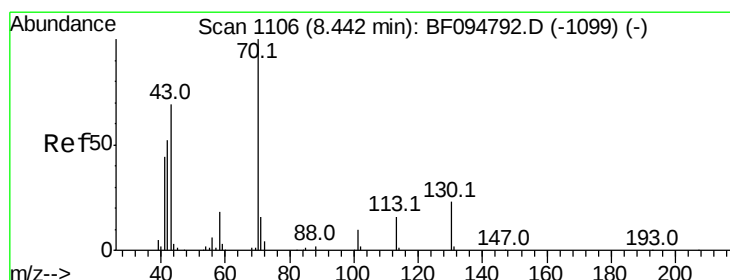
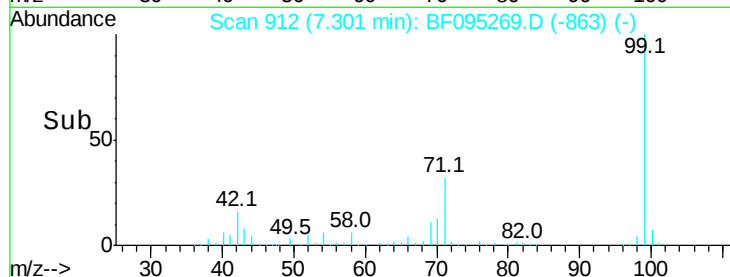
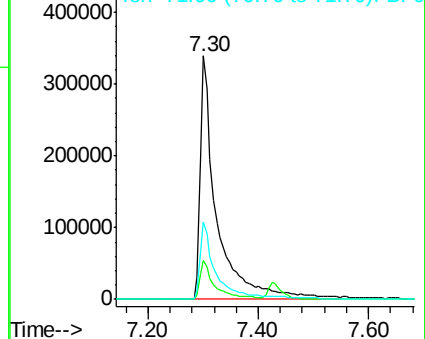
71 31.7 24.5 36.7



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: 12.00 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Tgt Ion: 70 Resp: 48018

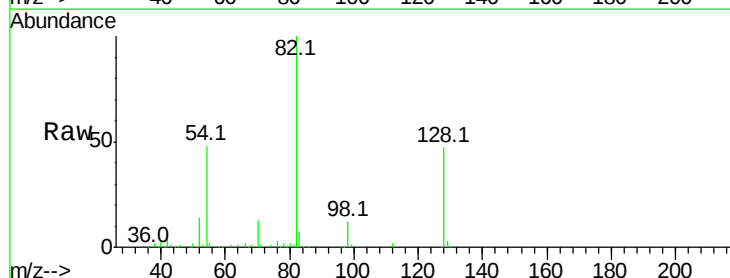
Ion Ratio Lower Upper

70 100

42 42.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

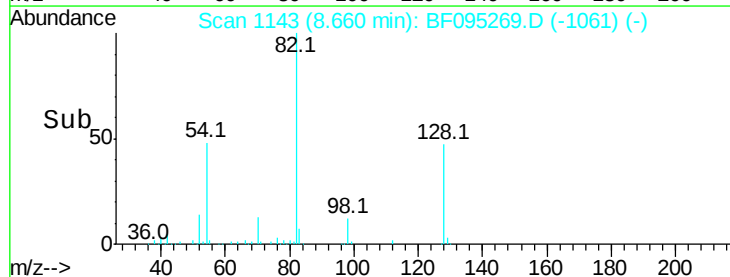
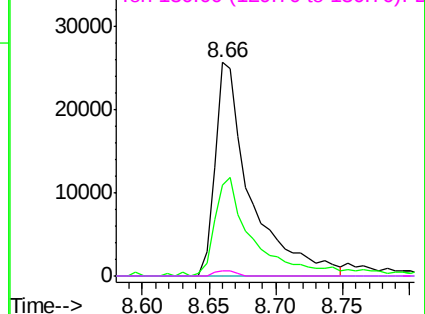


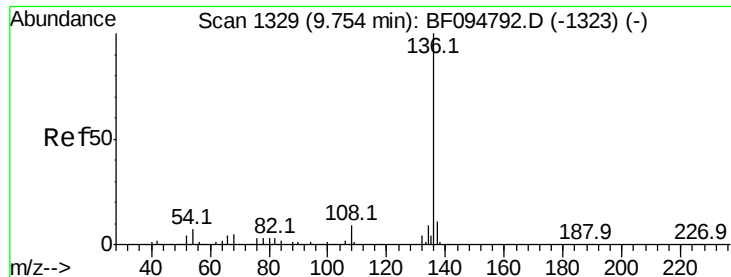
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.78 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 336600

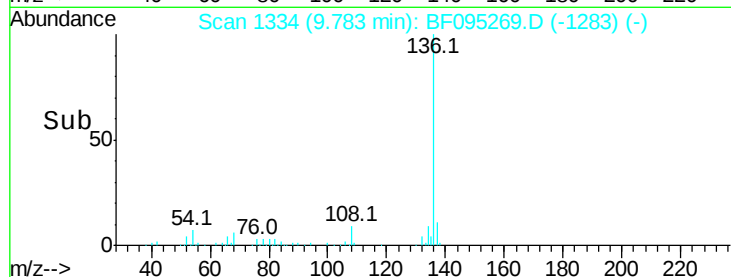
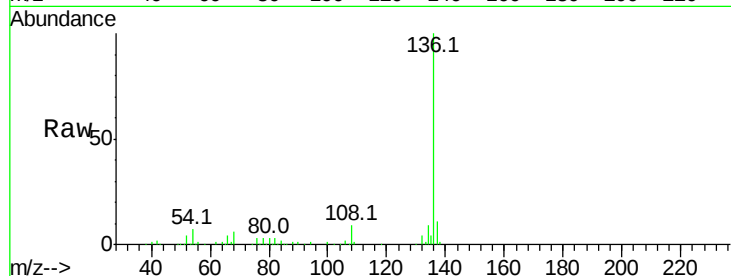
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.9 4.9 7.3

68 5.7 4.1 6.1

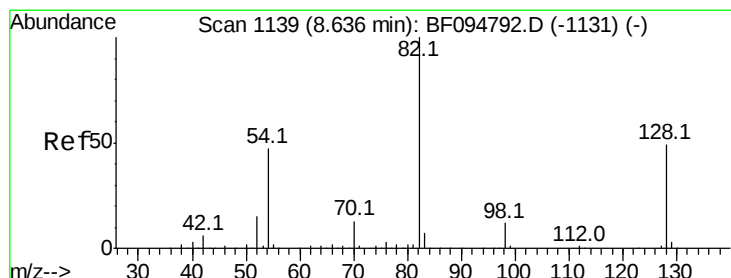
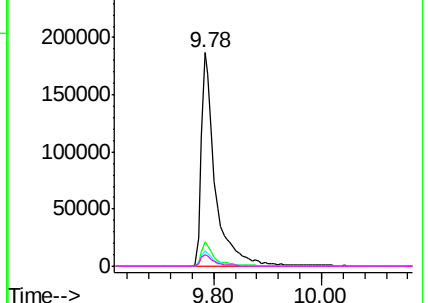


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 75.98 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

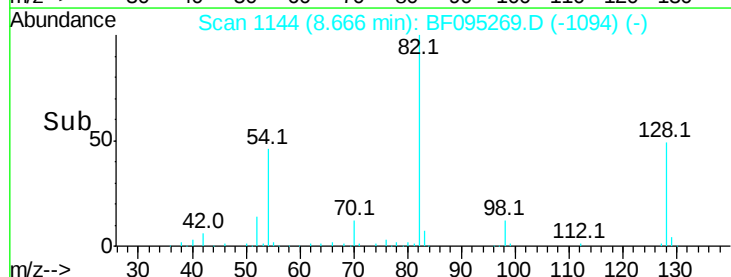
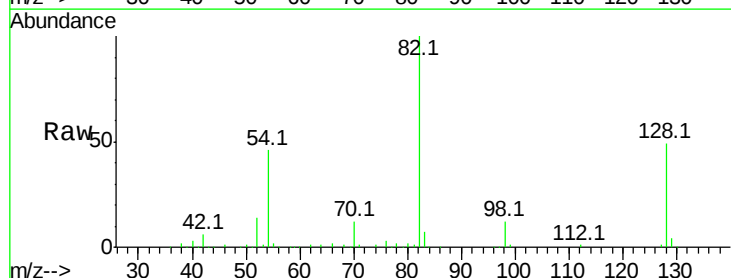
Tgt Ion: 82 Resp: 405576

Ion Ratio Lower Upper

82 100

128 49.0 34.0 51.0

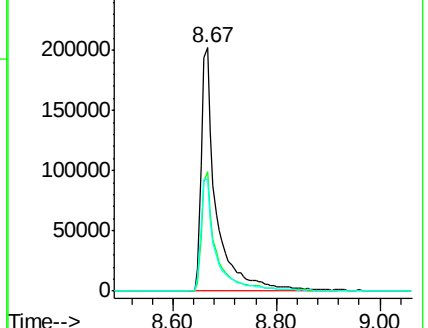
54 45.7 42.2 63.2

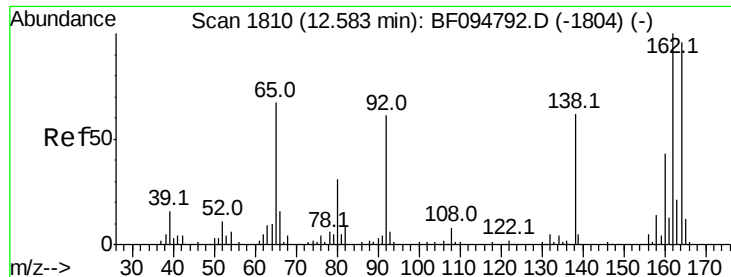


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :

BNA_F

ClientSampleId :

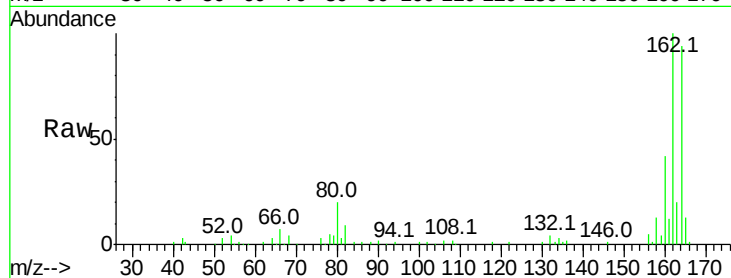
Tot Ion:164 Resp: 156590

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

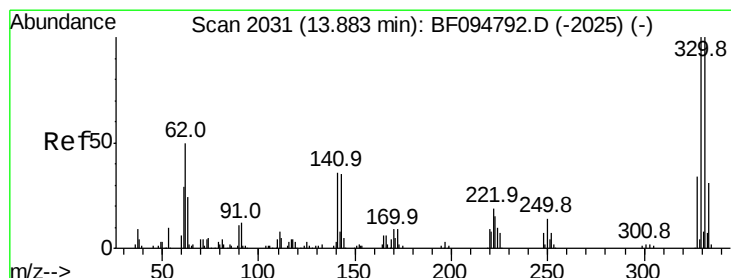
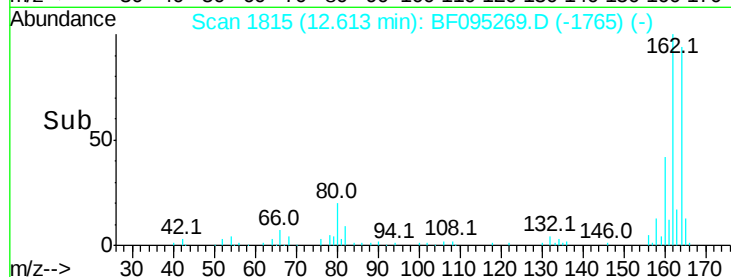
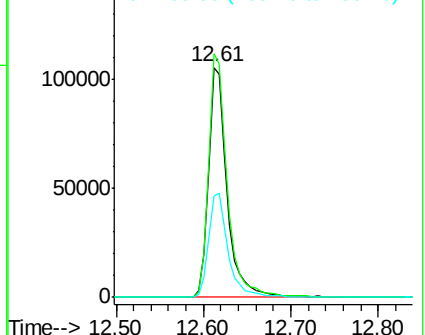
160 44.1 36.2 54.2



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: 125.21 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

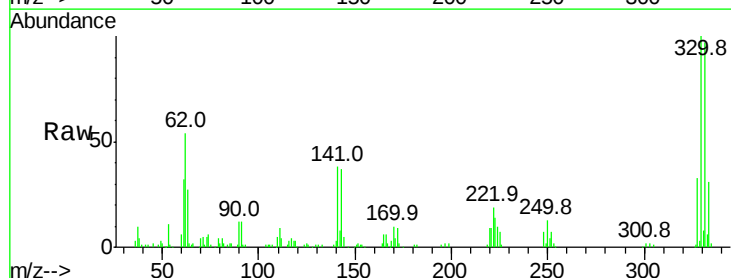
Tgt Ion:330 Resp: 160573

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

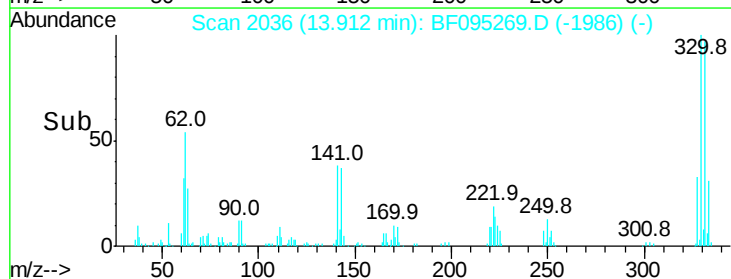
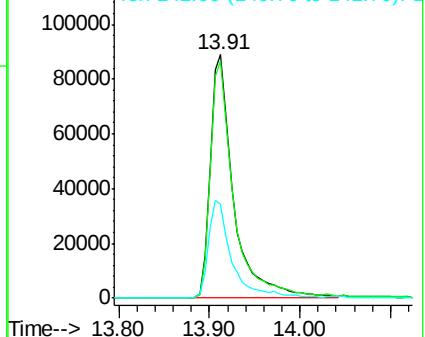
141 40.3 31.4 47.2

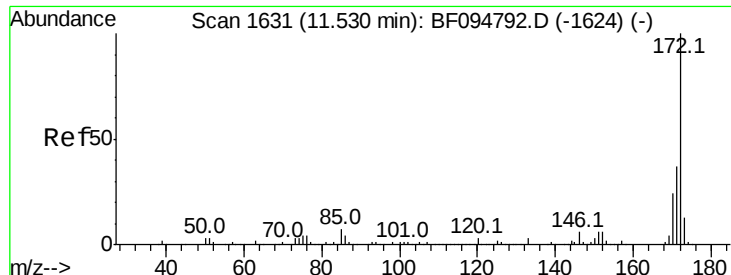


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

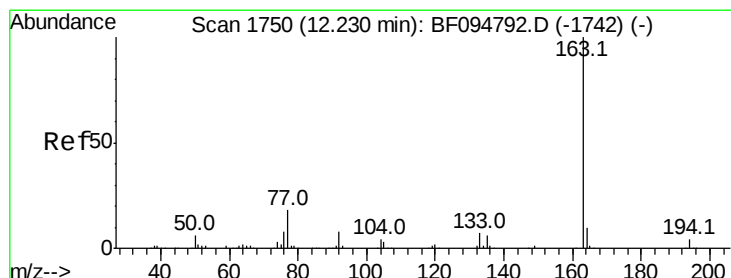
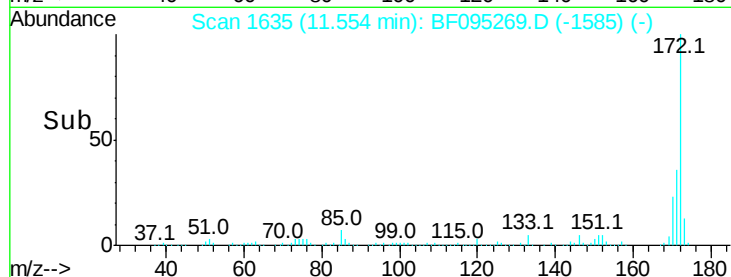
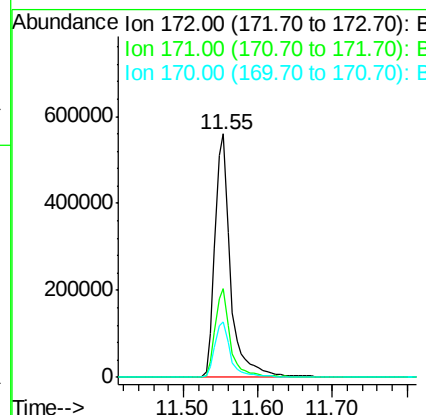
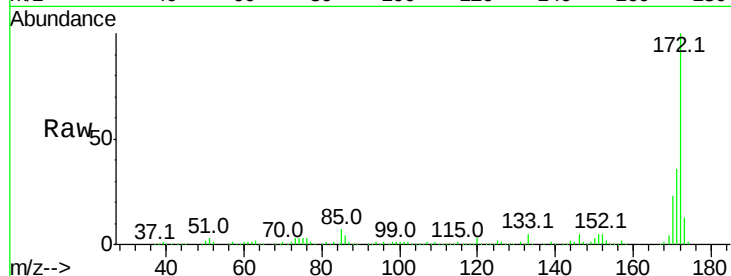




#44
 2-Fluorobiphenyl
 Concen: 74.71 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

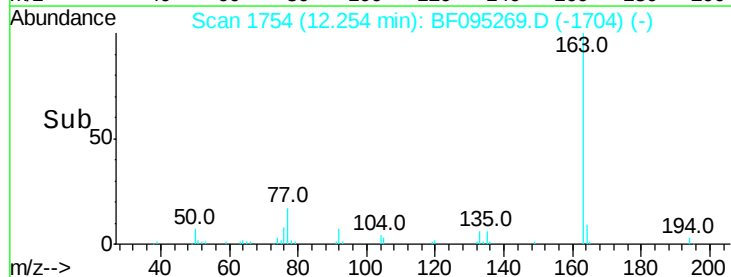
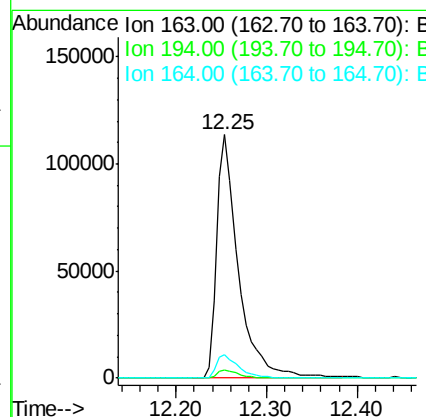
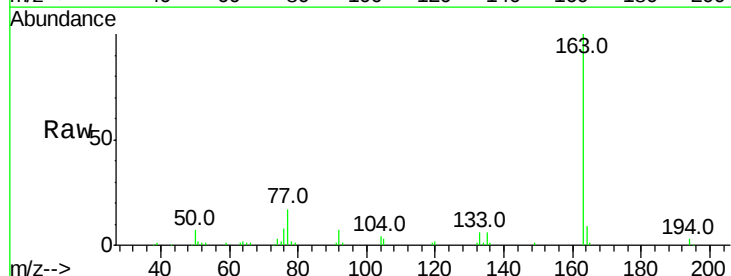
Instrument :
 BNA_F
 ClientSampleId :

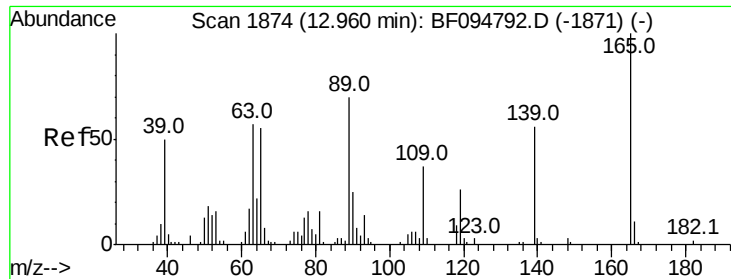
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	22.8	19.8	29.8



#49
 Dimethylphthalate
 Concen: 14.76 ng
 RT: 12.25 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.4	8.4	12.6

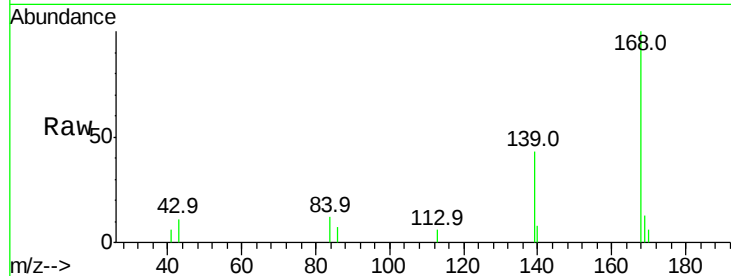




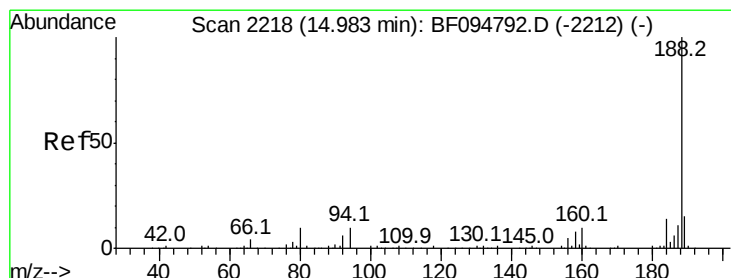
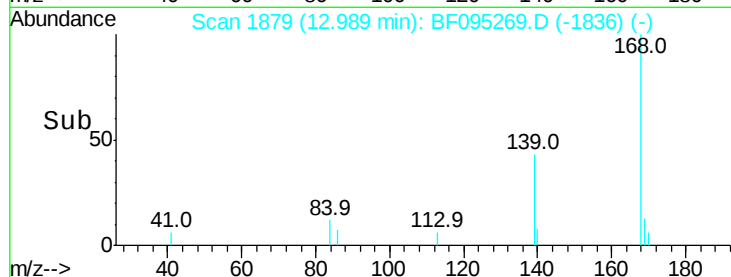
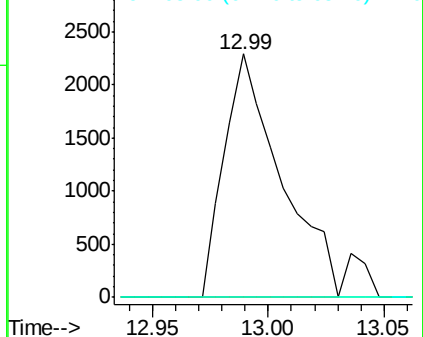
#55
 4-Nitrophenol
 Concen: 2.33 ng
 RT: 12.99 min Scan# 1879
 Delta R.T. -0.05 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:139 Resp: 3937
 Ion Ratio Lower Upper
 139 100
 109 0.0 34.1 74.1#
 65 0.0 31.4 71.4#

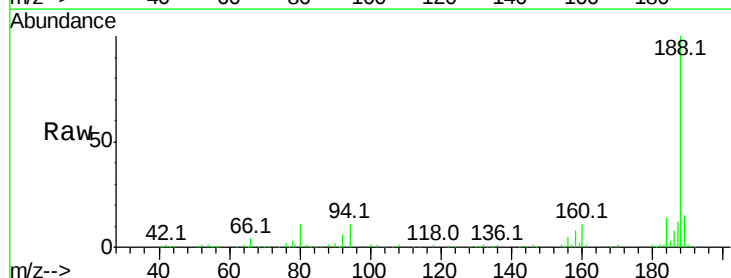


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

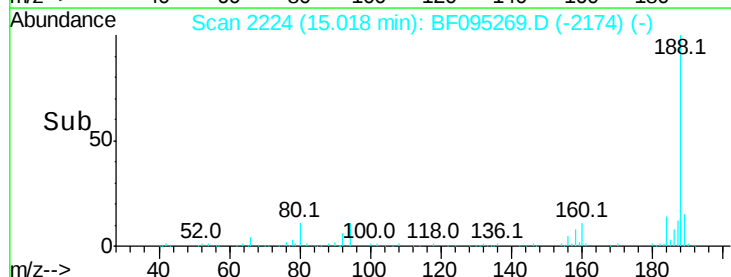
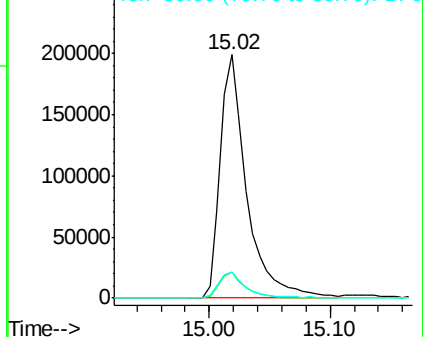


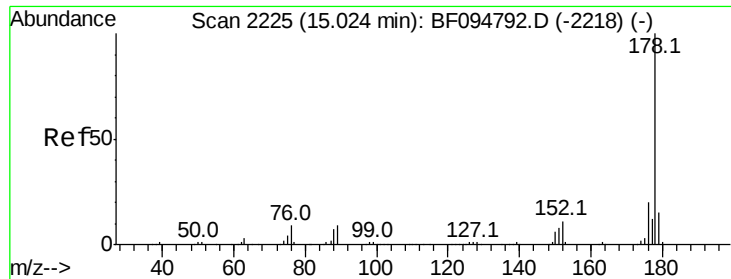
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095269.D
 Acq: 19 May 2017 18:25

Tgt Ion:188 Resp: 302541
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 10.9 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

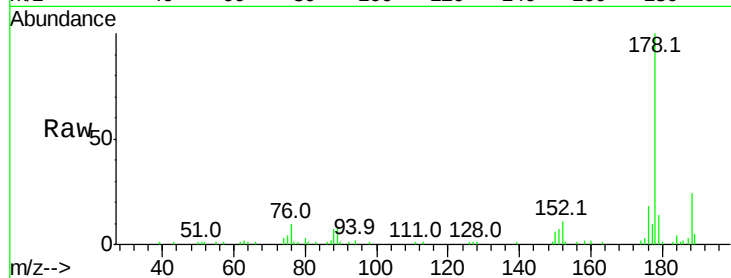




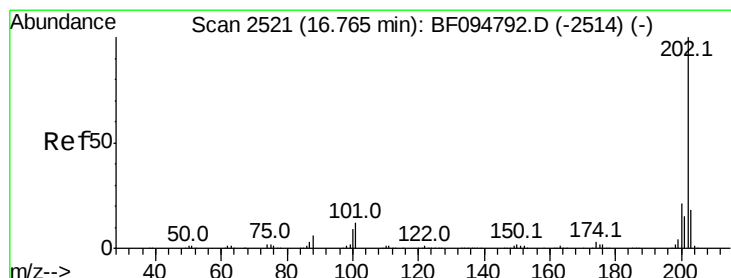
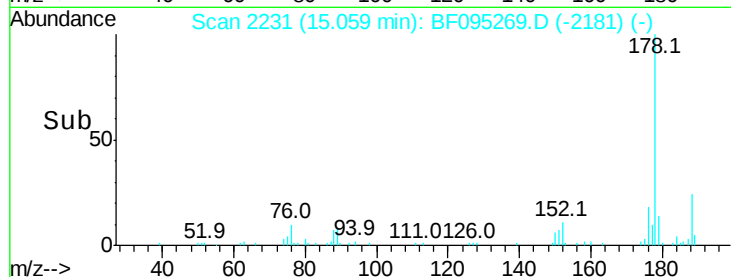
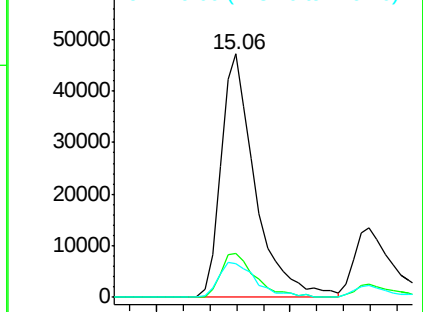
#70
Phenanthrene
Concen: 4.87 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF095269.D
Acq: 19 May 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 84687
Ion Ratio Lower Upper
178 100
176 18.3 16.2 24.4
179 14.0 12.6 19.0

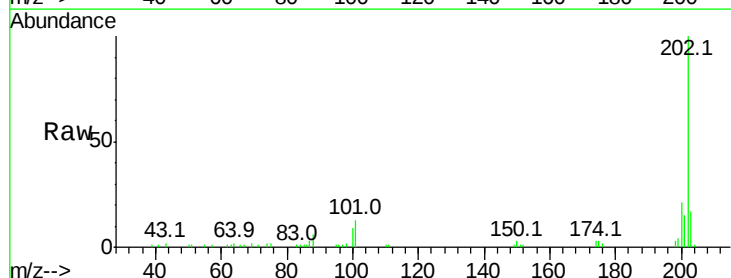


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

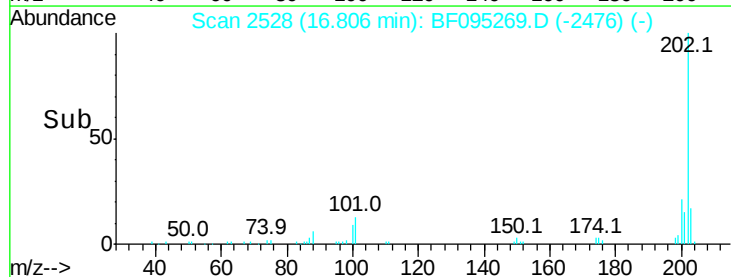
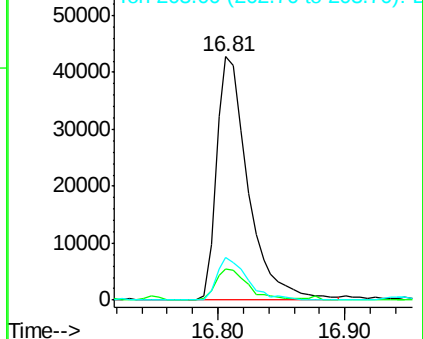


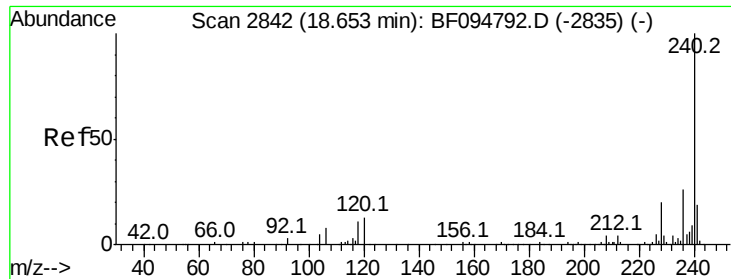
#74
Fluoranthene
Concen: 4.17 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF095269.D
Acq: 19 May 2017 18:25

Tgt Ion:202 Resp: 74330
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.3 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: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :

BNA_F

ClientSampleId :

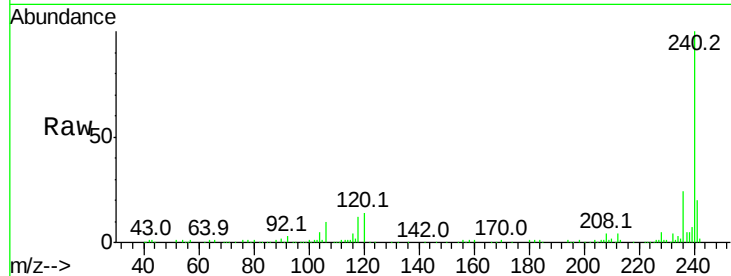
Tot Ion:240 Resp: 260966

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

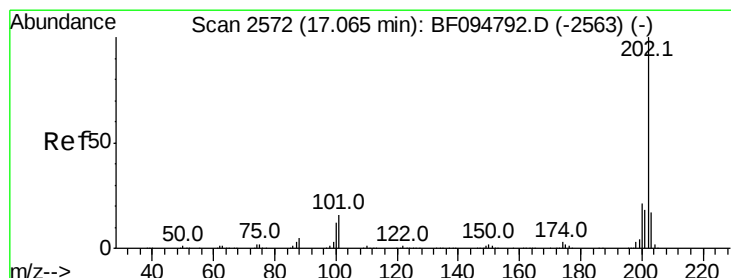
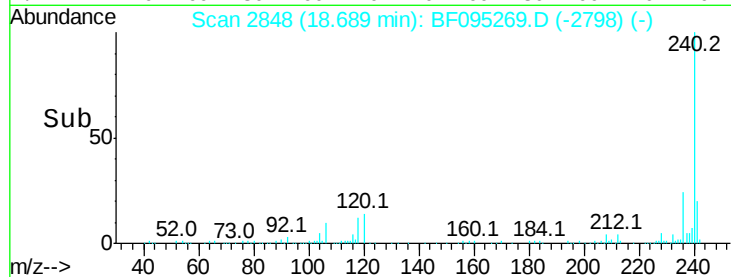
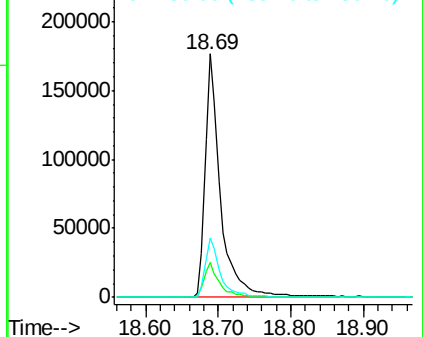
236 24.3 20.5 30.7



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

Pyrene

Concen: 3.14 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

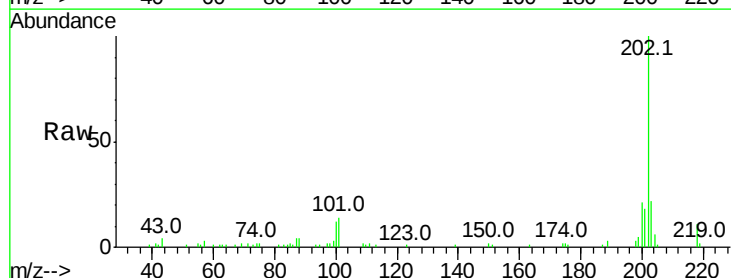
Tgt Ion:202 Resp: 61205

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

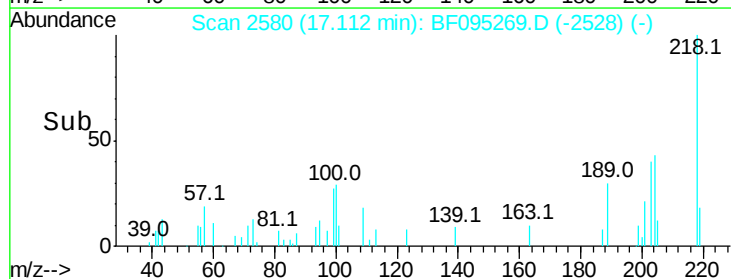
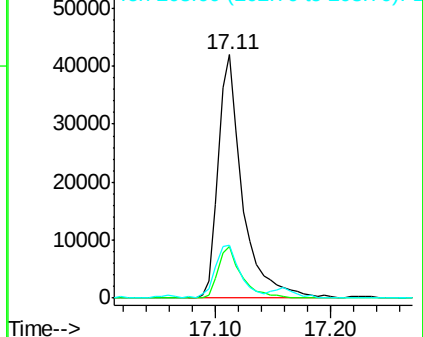
203 21.9 14.4 21.6#

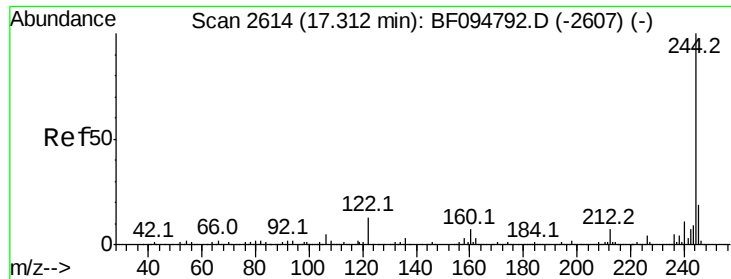


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 65.06 ng

RT: 17.34 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

Instrument :

BNA_F

ClientSampleId :

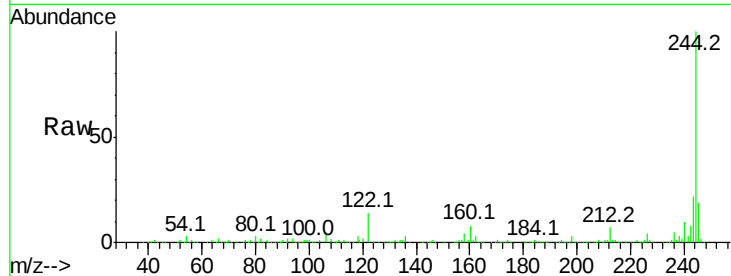
Tot Ion:244 Resp: 770854

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

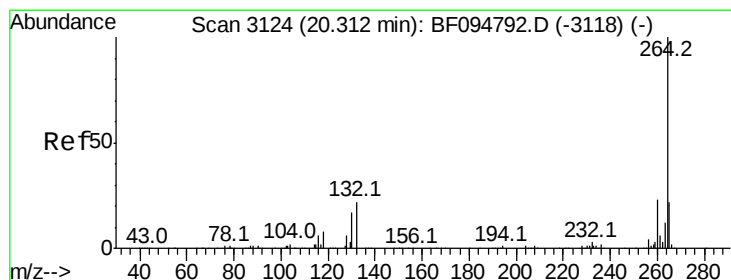
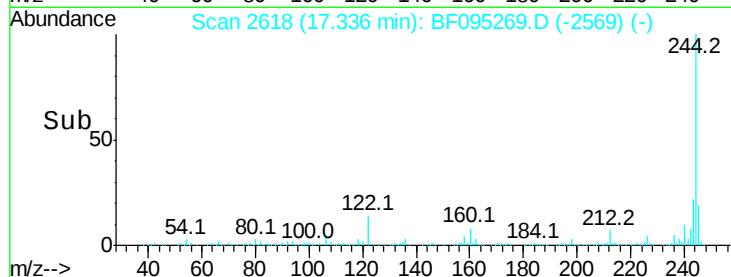
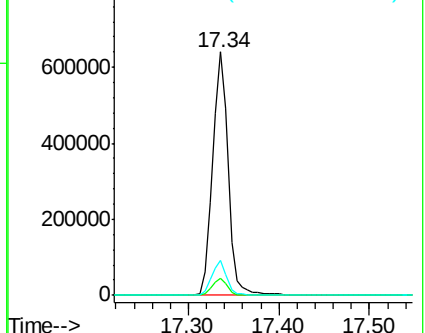
122 14.3 10.3 15.5



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095269.D

Acq: 19 May 2017 18:25

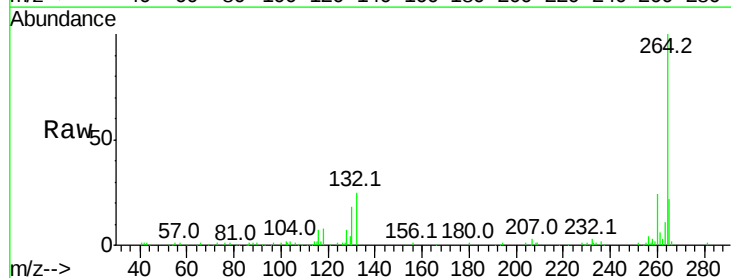
Tgt Ion:264 Resp: 171347

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.7 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

