

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095935.D
 Acq On : 14 Jun 2017 21:57
 Operator : SJ/MA
 Sample : I3660-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 01:09:06 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

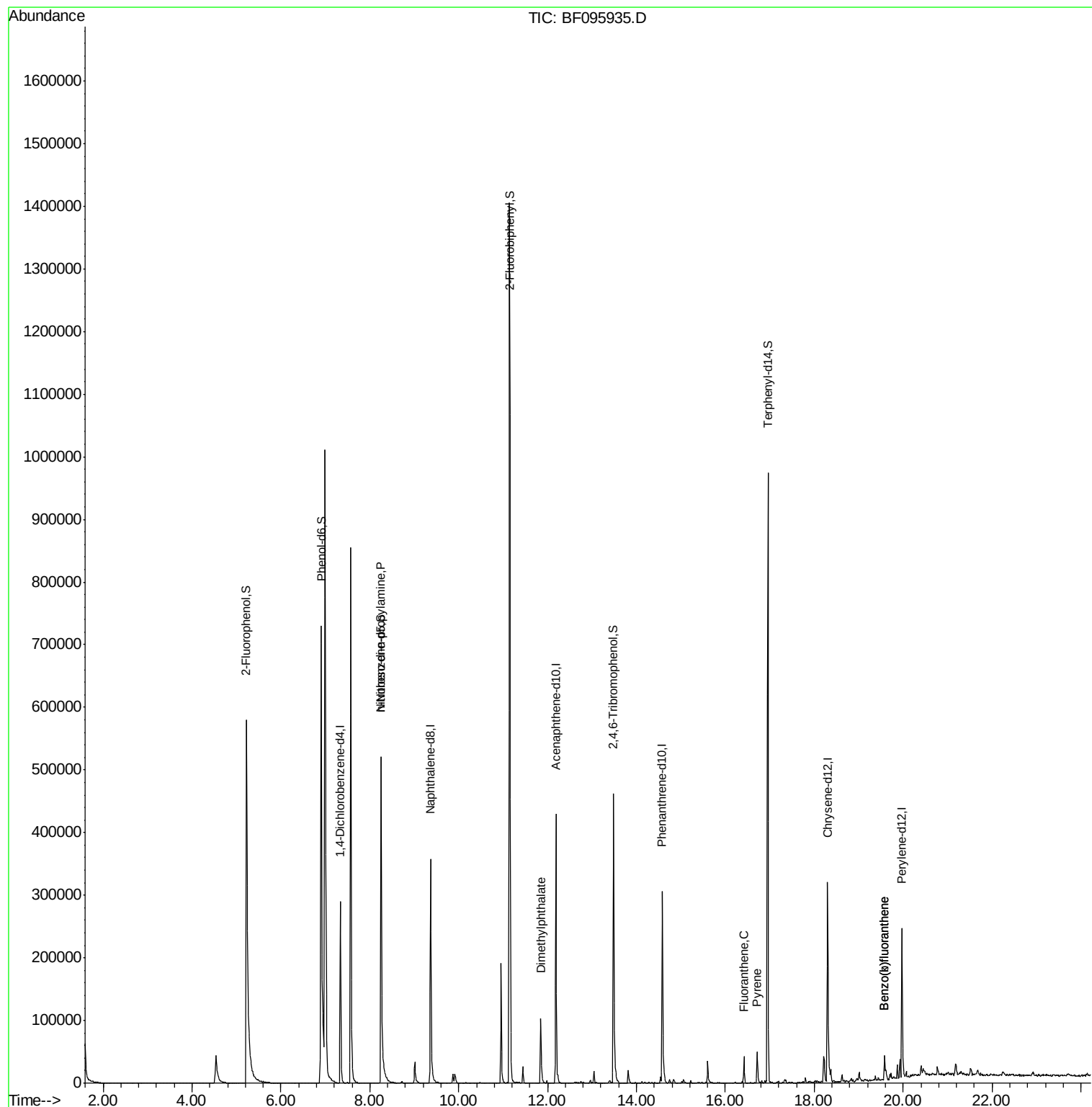
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	70848	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	291994	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	123392	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	187717	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	145582	20.00	ng	-0.05
86) Perylene-d12	19.97	264	121519	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	445355	100.17	ng	-0.06
7) Phenol-d6	6.90	99	522931	98.24	ng	-0.05
23) Nitrobenzene-d5	8.25	82	312673	66.50	ng	-0.07
41) 2,4,6-Tribromophenol	13.48	330	90116	82.54	ng	-0.07
44) 2-Fluorobiphenyl	11.15	172	613034	69.14	ng	-0.07
78) Terphenyl-d14	16.96	244	395663	67.45	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.25	70	37241	11.04	ng	Qvalue # 74
49) Dimethylphthalate	11.84	163	79724	8.51	ng	98
74) Fluoranthene	16.42	202	27560	2.57	ng	98
77) Pyrene	16.72	202	26210	2.41	ng	97
87) Benzo(b)fluoranthene	19.58	252	23475	3.09	ng	# 97
88) Benzo(k)fluoranthene	19.58	252	23475	3.23	ng	98

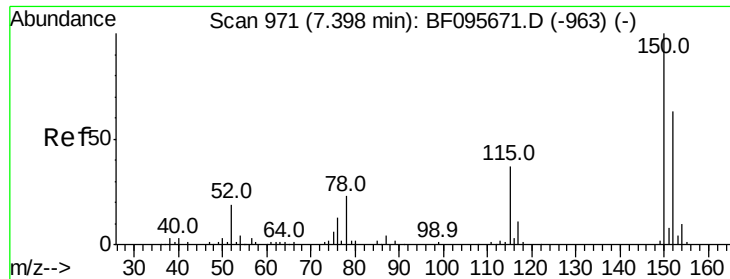
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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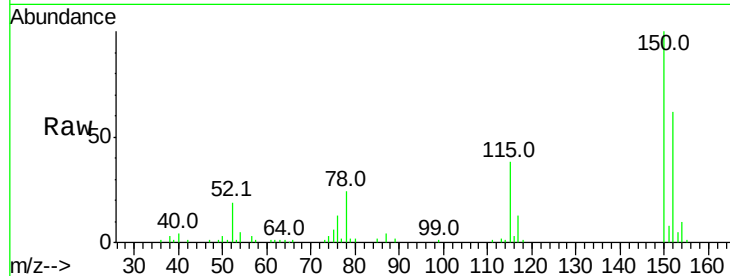


#1

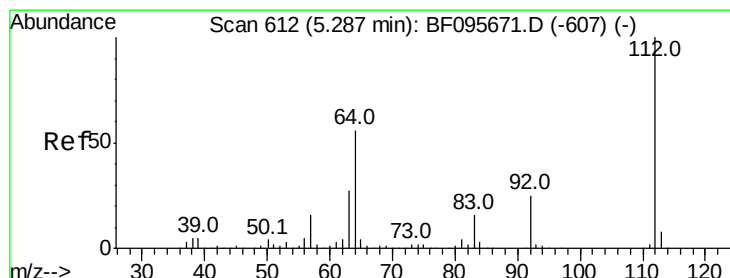
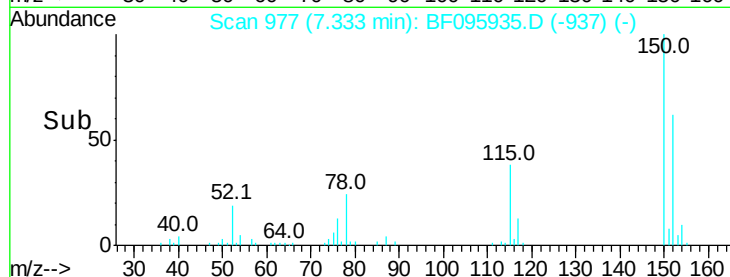
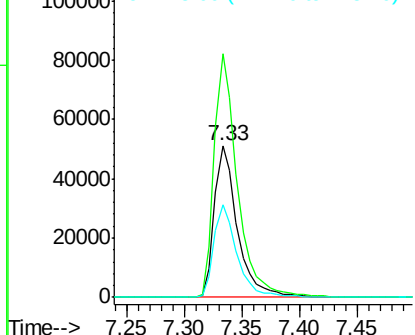
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70848
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 61.2 52.2 78.2



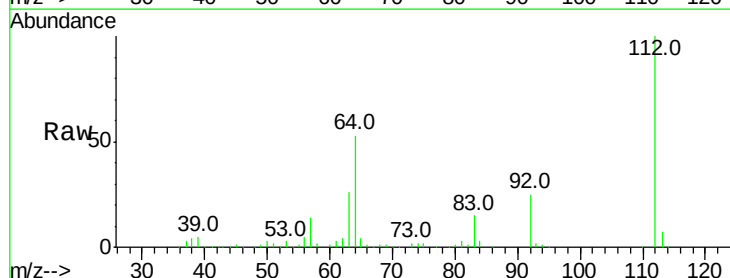
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



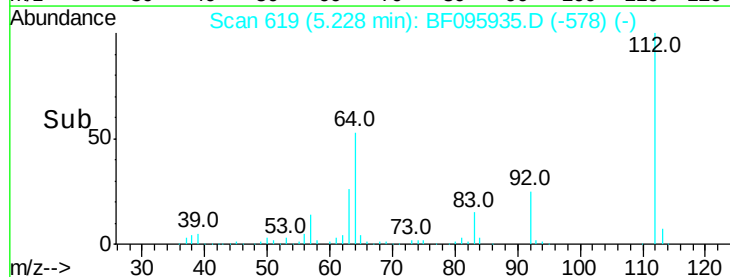
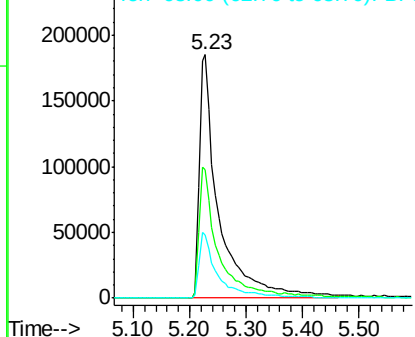
#5

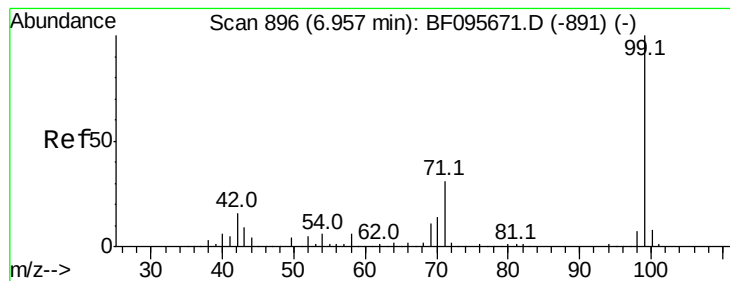
2-Fluorophenol
Concen: 100.17 ng
RT: 5.23 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Tgt Ion:112 Resp: 445355
Ion Ratio Lower Upper
112 100
64 53.0 46.0 69.0
63 25.7 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: 98.24 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Instrument :

BNA_F

ClientSampleId :

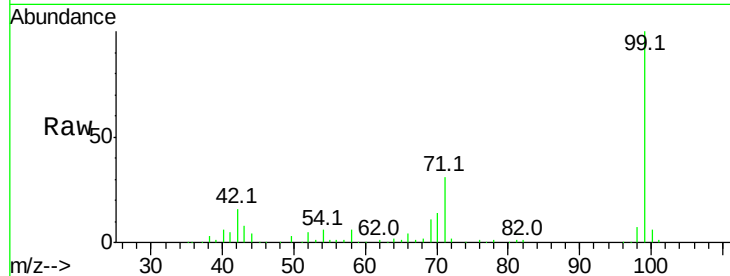
Tot Ion: 99 Resp: 522931

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

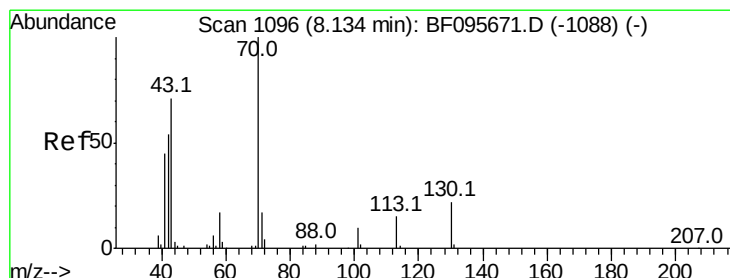
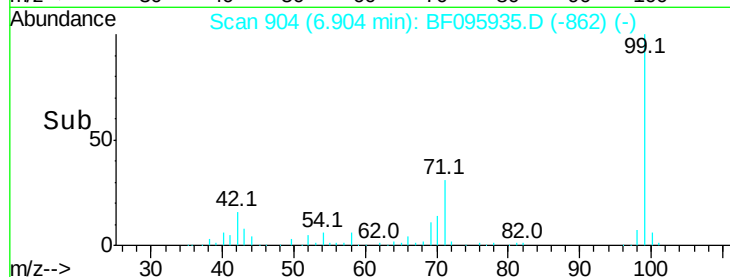
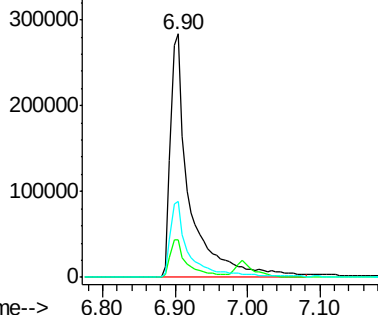
71 31.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.04 ng

RT: 8.25 min Scan# 1133

Delta R.T. 0.12 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Tgt Ion: 70 Resp: 37241

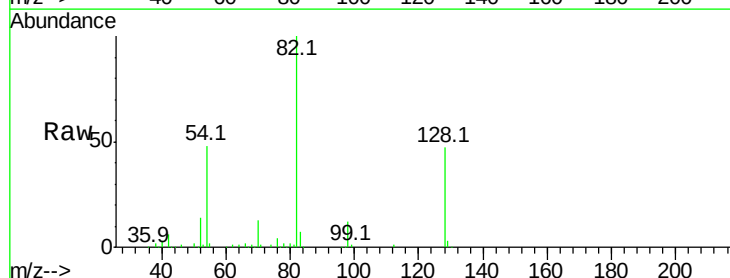
Ion Ratio Lower Upper

70 100

42 42.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

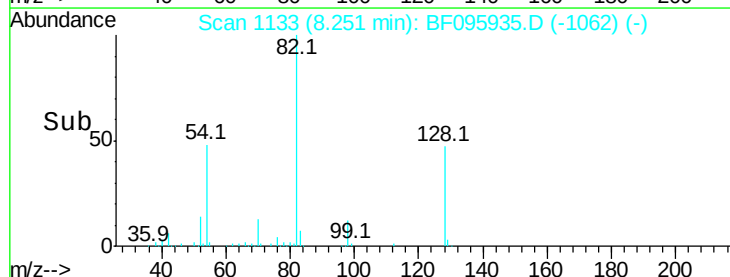
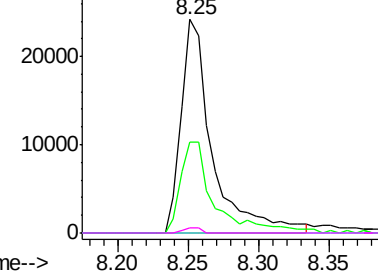


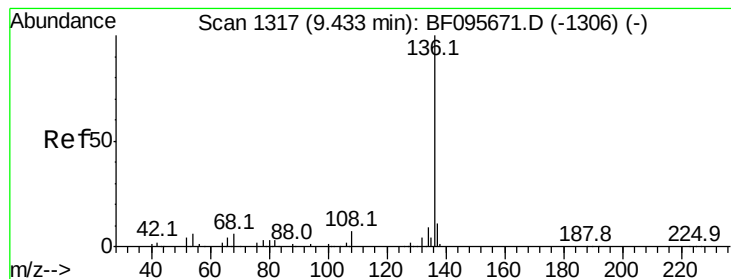
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.37 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 291994

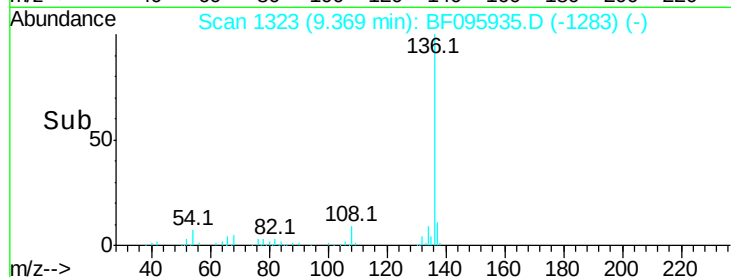
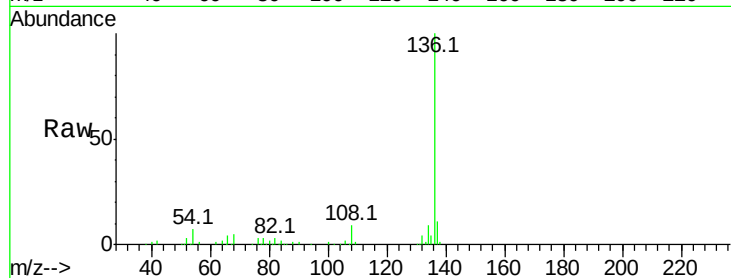
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

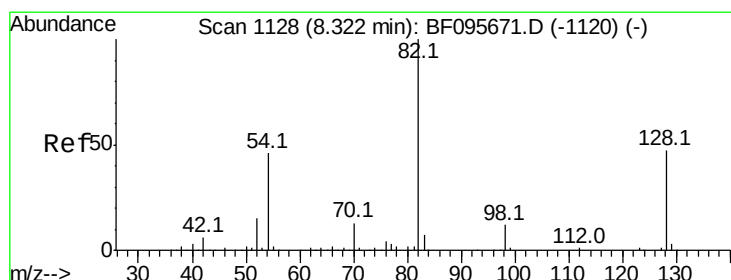
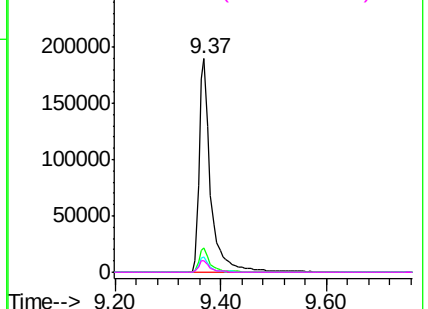


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.50 ng

RT: 8.25 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

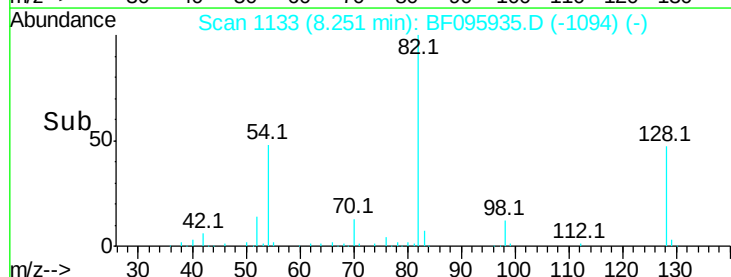
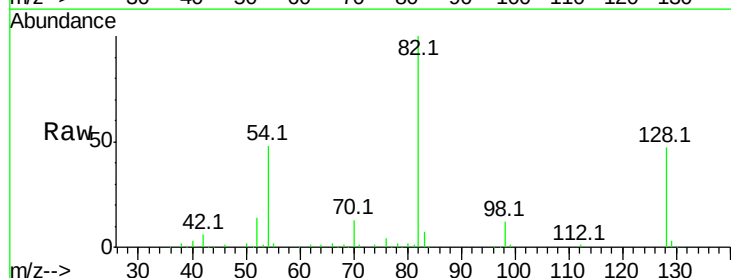
Tgt Ion: 82 Resp: 312673

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

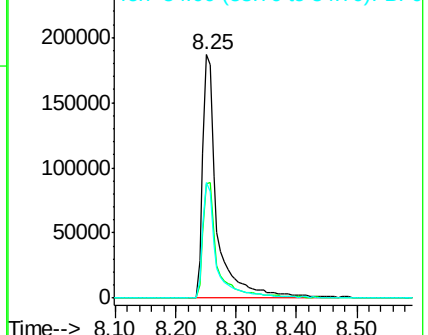
54 47.7 42.2 63.2

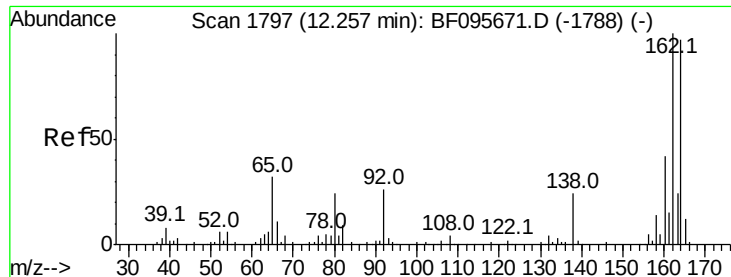


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.19 min Scan# 1802

Delta R.T. -0.07 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Instrument :

BNA_F

ClientSampleId :

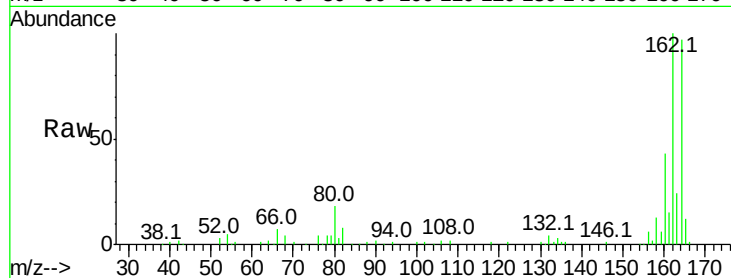
Tot Ion:164 Resp: 123392

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

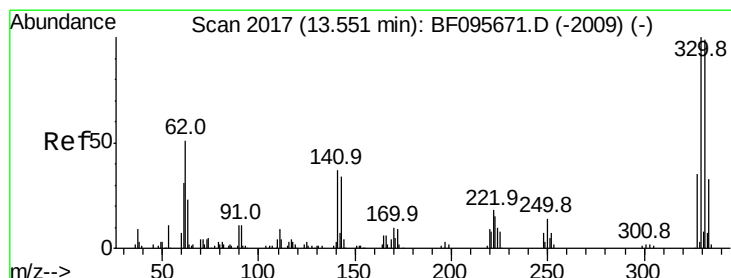
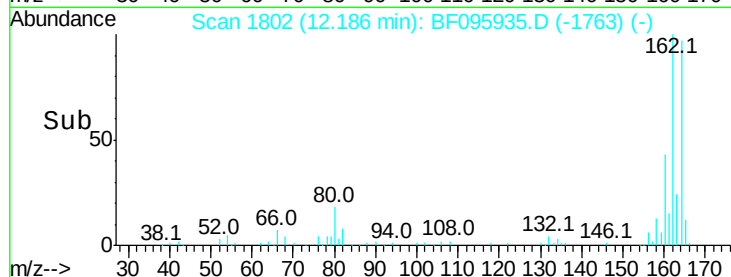
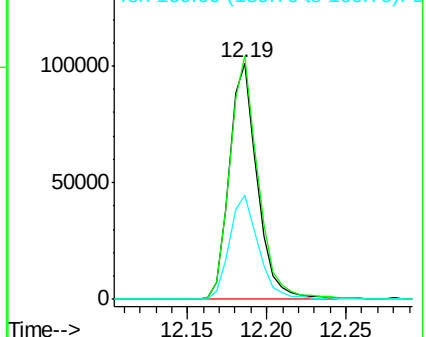
160 44.1 36.2 54.2



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: 82.54 ng

RT: 13.48 min Scan# 2022

Delta R.T. -0.07 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

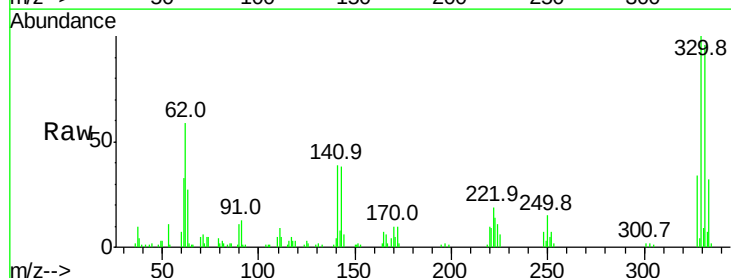
Tgt Ion:330 Resp: 90116

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

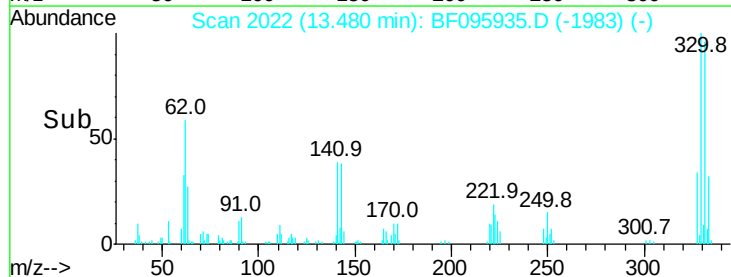
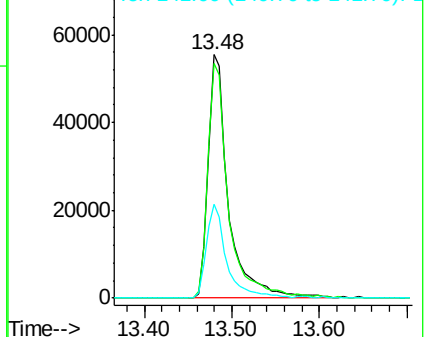
141 37.9 31.4 47.2

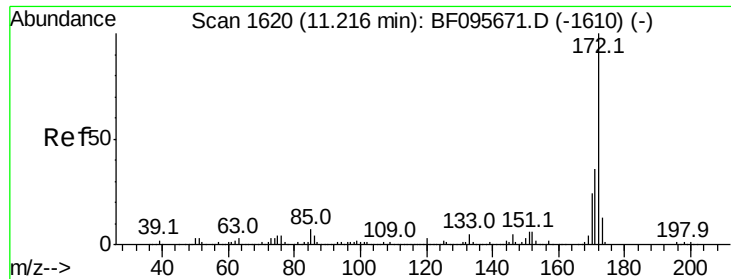


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

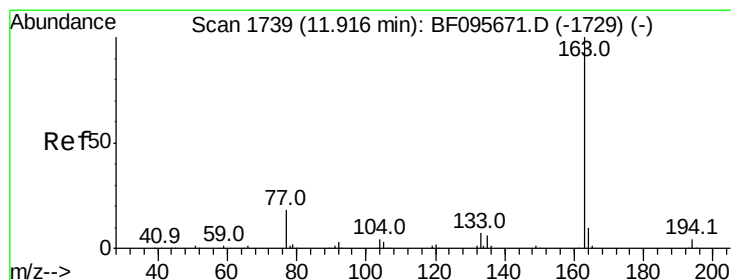
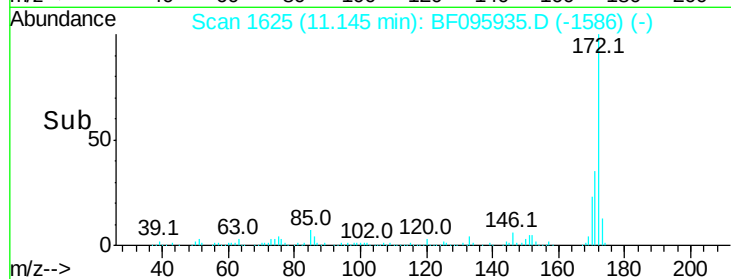
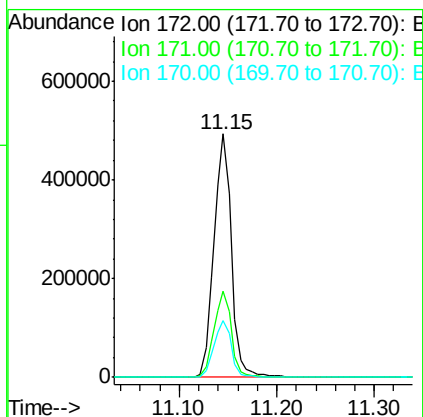
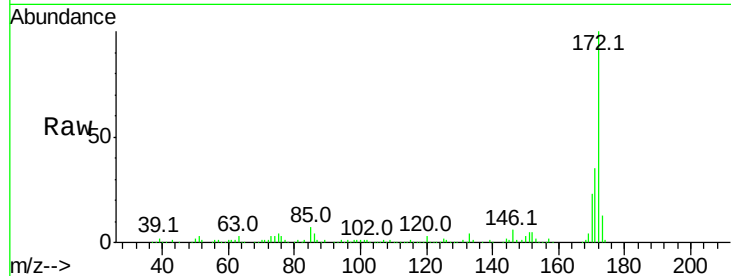




#44
2-Fluorobiphenyl
Concen: 69.14 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

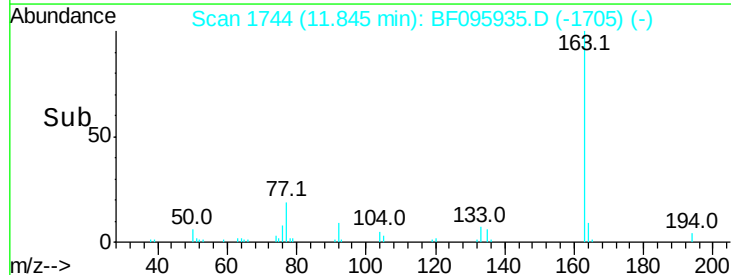
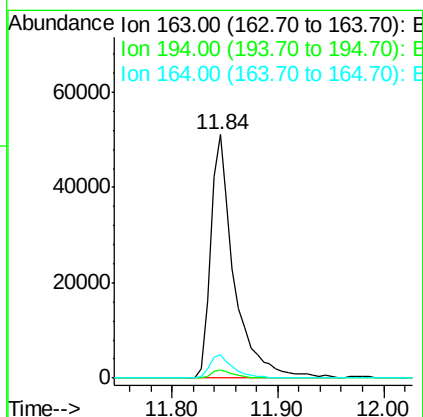
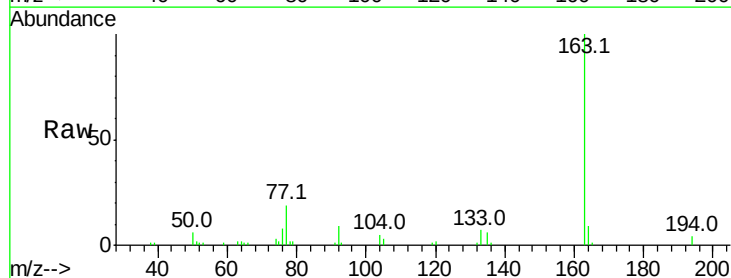
Instrument :
BNA_F
ClientSampleId :

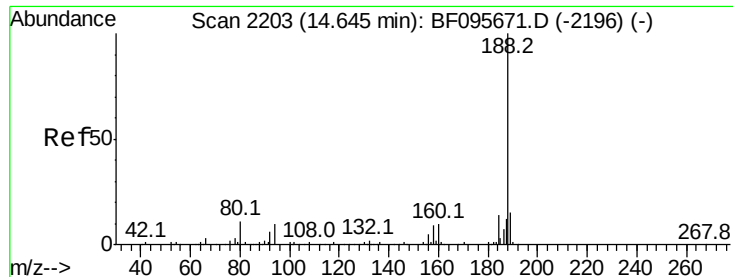
Tot Ion:172 Resp: 613034
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.1 19.8 29.8



#49
Dimethylphthalate
Concen: 8.51 ng
RT: 11.84 min Scan# 1744
Delta R.T. -0.07 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Tgt Ion:163 Resp: 79724
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.5 8.4 12.6

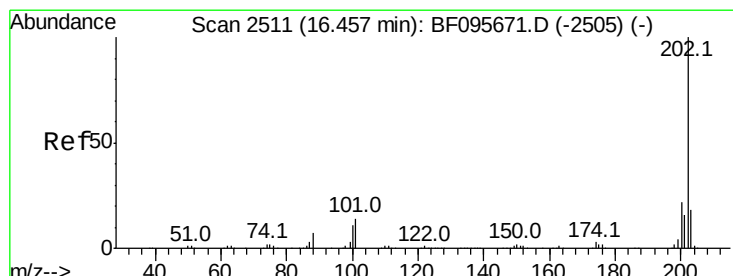
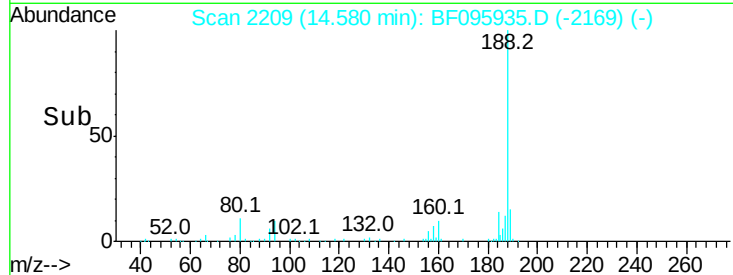
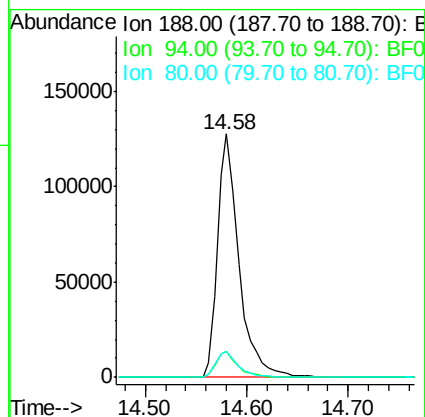
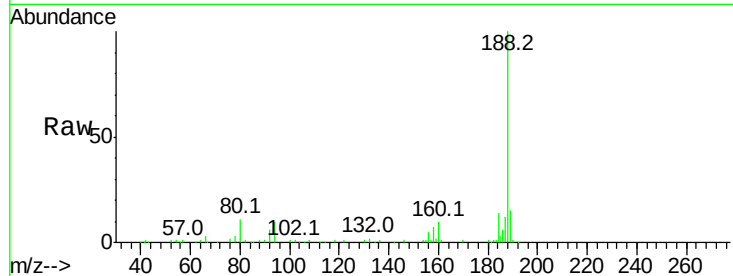




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

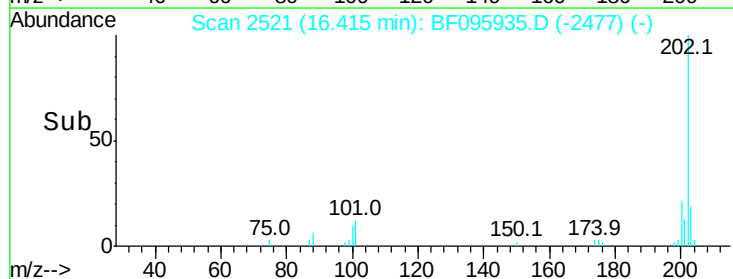
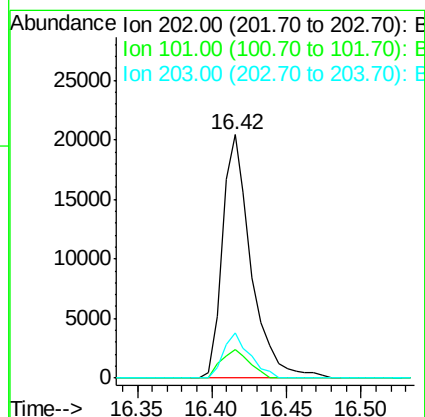
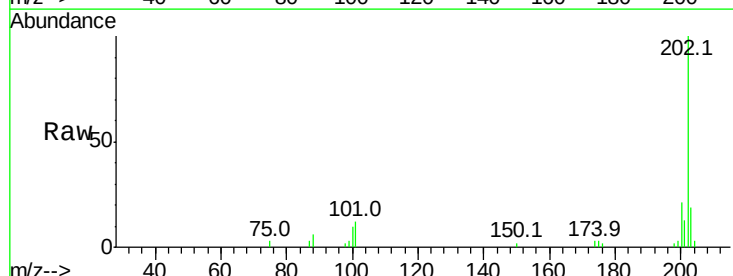
Instrument :
BNA_F
ClientSampleId :

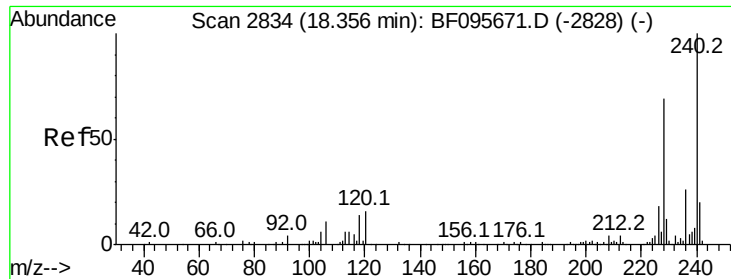
Tot Ion:188 Resp: 187717
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.7 10.2 15.2



#74
Fluoranthene
Concen: 2.57 ng
RT: 16.42 min Scan# 2521
Delta R.T. -0.04 min
Lab File: BF095935.D
Acq: 14 Jun 2017 21:57

Tgt Ion:202 Resp: 27560
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.2
203 18.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.30 min Scan# 2842

Delta R.T. -0.05 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Instrument :

BNA_F

ClientSampled :

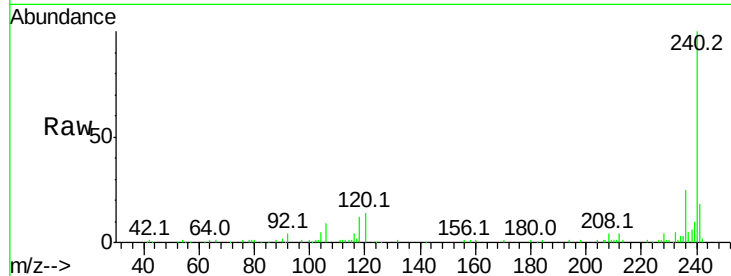
Tot Ion:240 Resp: 145582

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

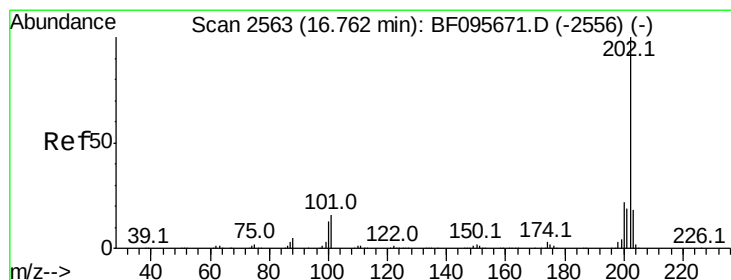
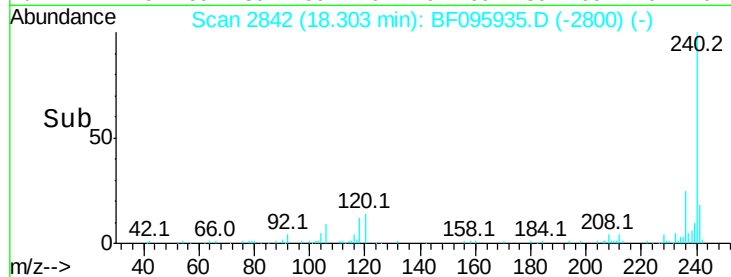
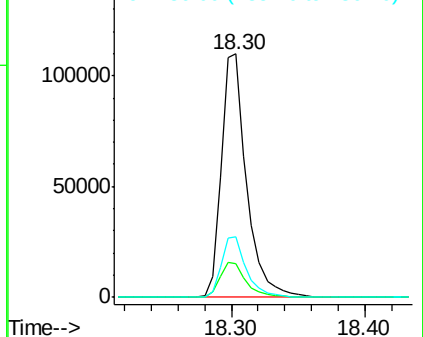
236 24.8 20.5 30.7



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: 2.41 ng

RT: 16.72 min Scan# 2572

Delta R.T. -0.05 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

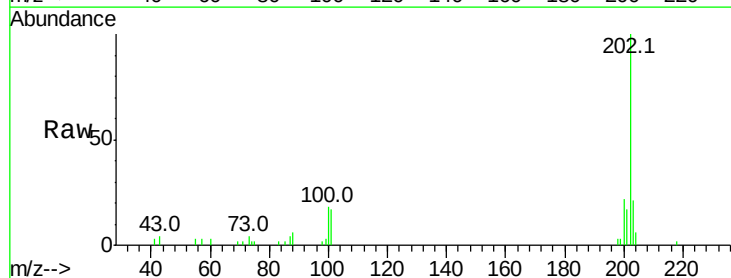
Tgt Ion:202 Resp: 26210

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

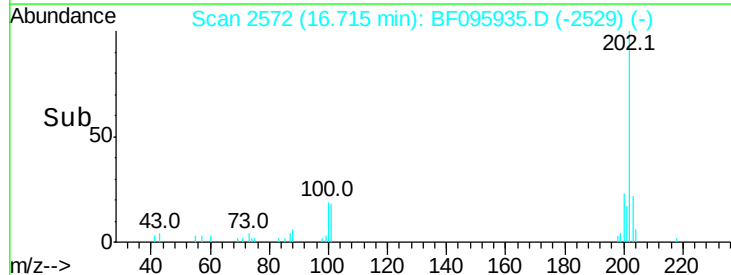
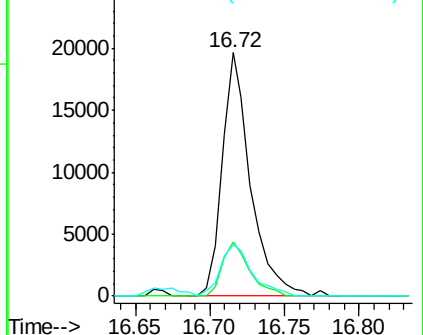
203 21.1 14.4 21.6

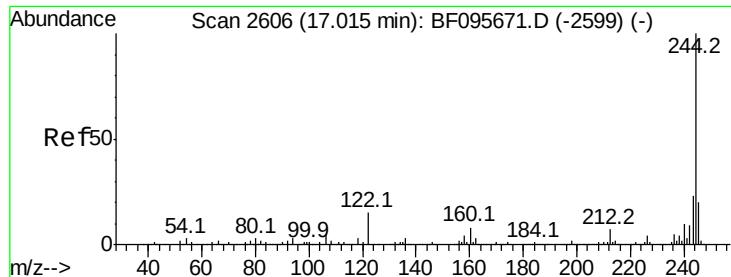


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.45 ng

RT: 16.96 min Scan# 2613

Delta R.T. -0.06 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Instrument :

BNA_F

ClientSampleId :

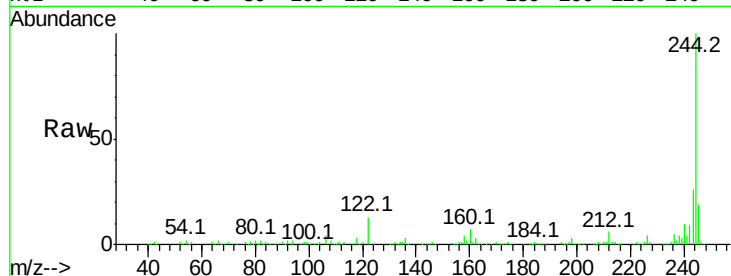
Tot Ion:244 Resp: 395663

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

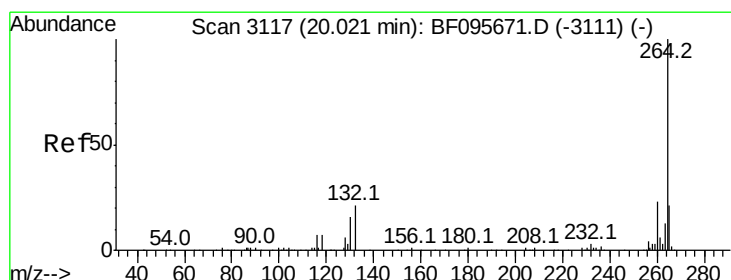
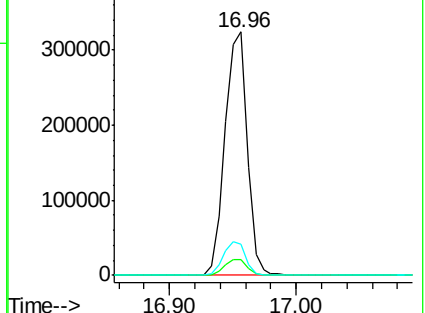
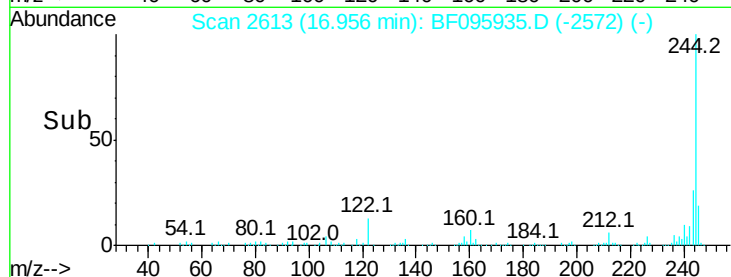
122 12.7 10.3 15.5



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: 19.97 min Scan# 3125

Delta R.T. -0.05 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

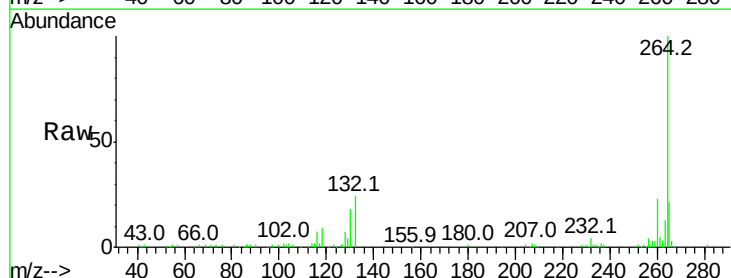
Tgt Ion:264 Resp: 121519

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

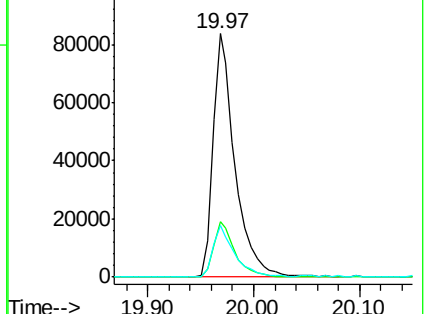
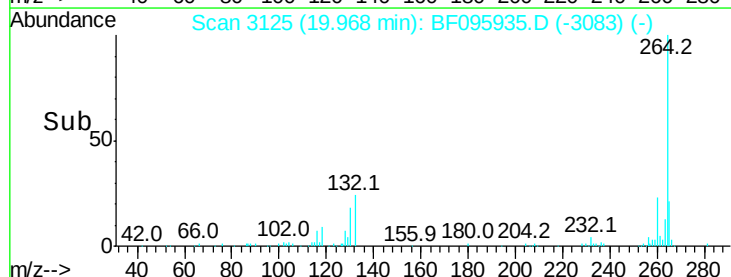
265 21.0 17.2 25.8

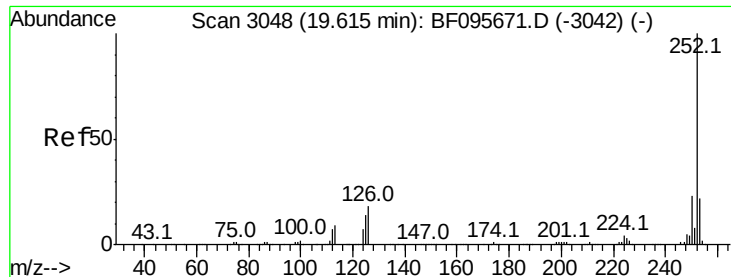


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.09 ng

RT: 19.58 min Scan# 3059

Delta R.T. -0.04 min

Lab File: BF095935.D

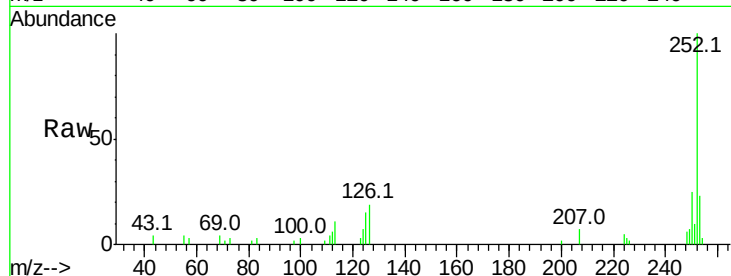
Acq: 14 Jun 2017 21:57

Instrument :

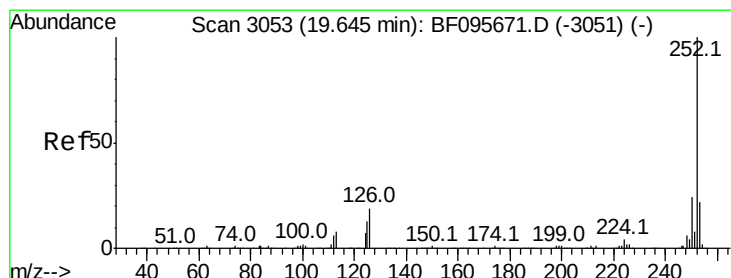
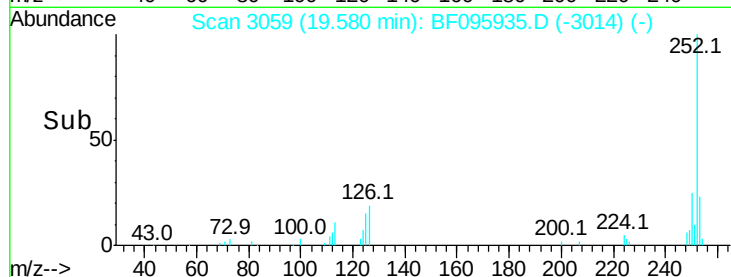
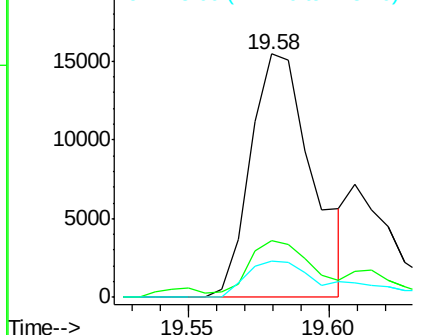
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	23475
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	15.0	9.8	14.8#



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



#88

Benzo(k)fluoranthene

Concen: 3.23 ng

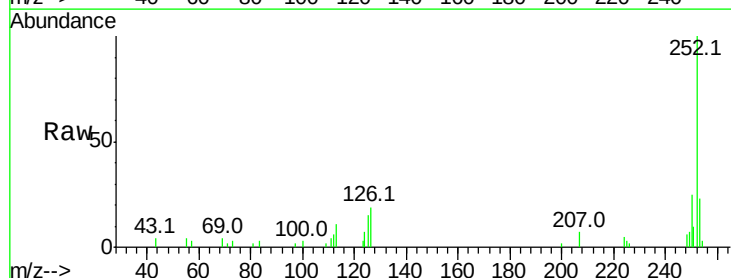
RT: 19.58 min Scan# 3059

Delta R.T. -0.06 min

Lab File: BF095935.D

Acq: 14 Jun 2017 21:57

Tgt Ion:	252	Resp:	23475
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.4	27.6
125	15.0	13.1	19.7



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

