

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095722.D
 Acq On : 6 Jun 2017 22:08
 Operator : SJ/MA
 Sample : I3478-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 02:48:45 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

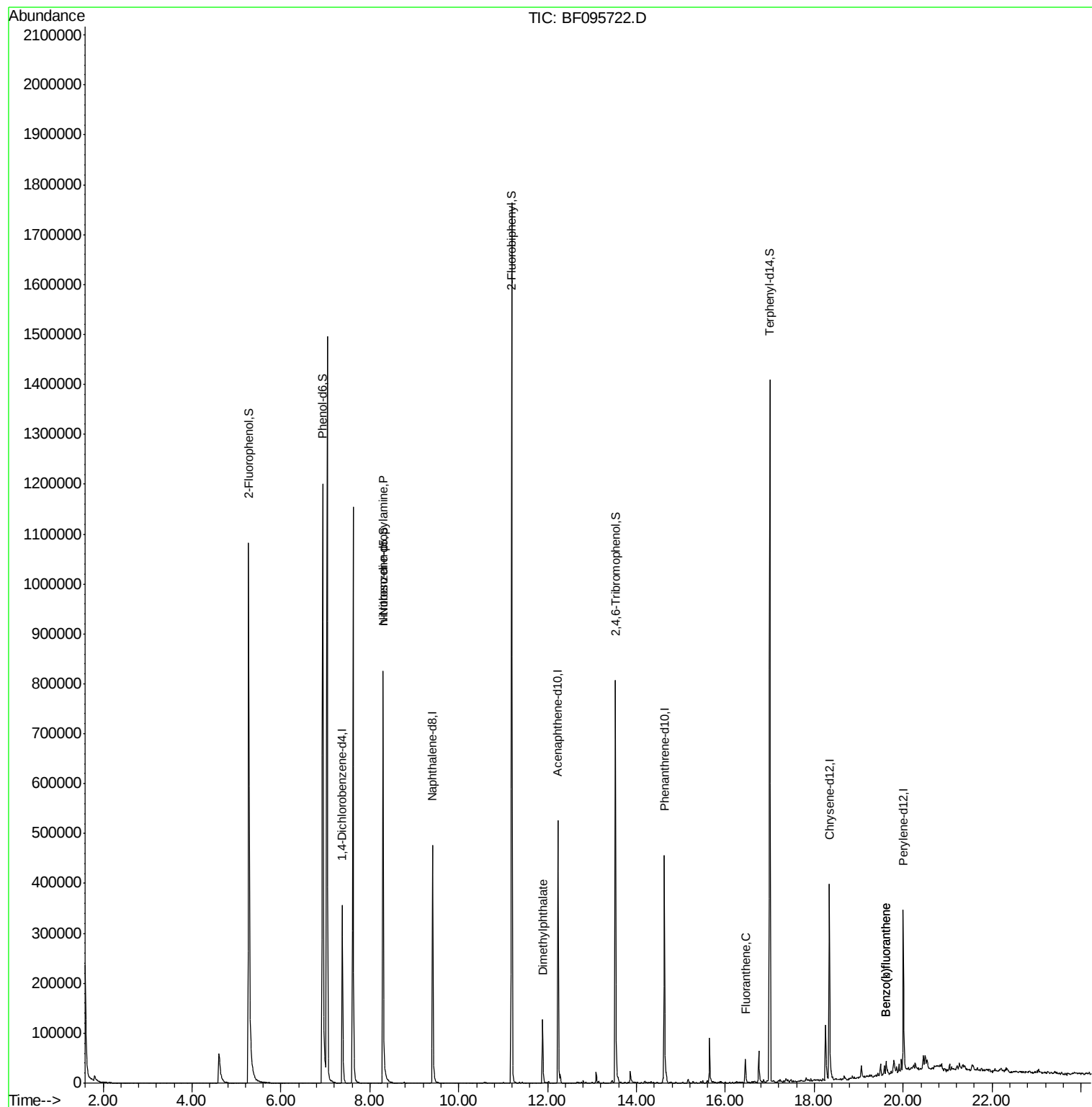
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	85464	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	342265	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	144385	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	238553	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	160330	20.00	ng	-0.02
86) Perylene-d12	20.00	264	140621	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	592817	110.53	ng	-0.01
7) Phenol-d6	6.94	99	710508	110.65	ng	-0.02
23) Nitrobenzene-d5	8.30	82	422461	76.66	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	133143	104.22	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	817788	78.82	ng	-0.02
78) Terphenyl-d14	17.00	244	548674	84.93	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	52730	12.96	ng	# 74
49) Dimethylphthalate	11.89	163	78802	7.19	ng	100
74) Fluoranthene	16.45	202	29768	2.19	ng	95
87) Benzo(b)fluoranthene	19.61	252	18454	2.10	ng	# 95
88) Benzo(k)fluoranthene	19.61	252	18454	2.19	ng	98

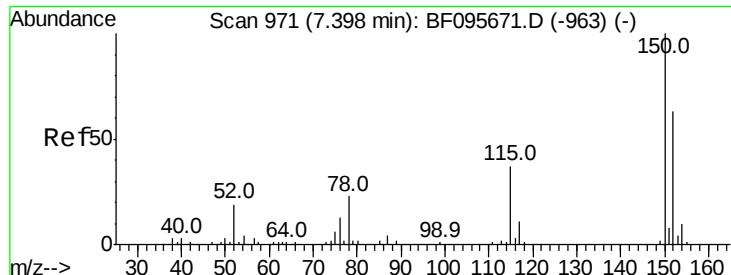
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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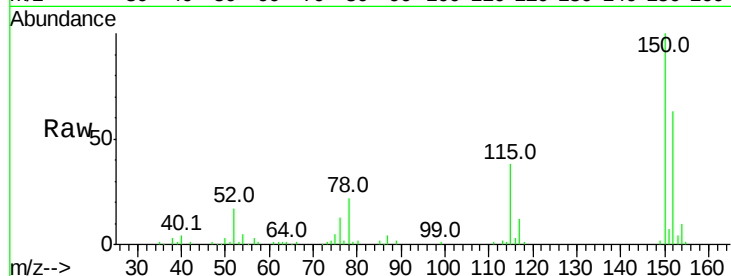


#1

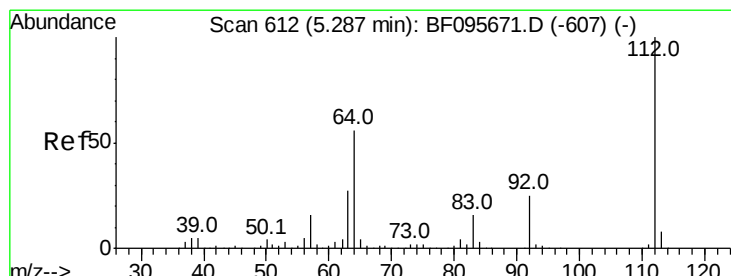
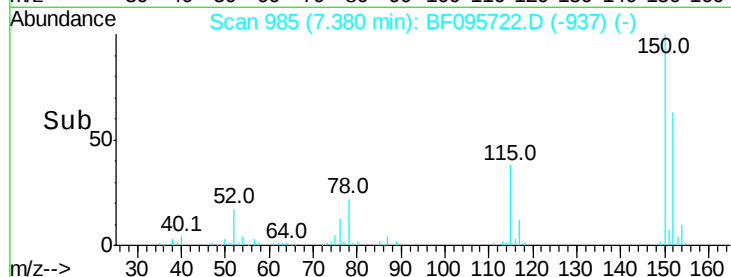
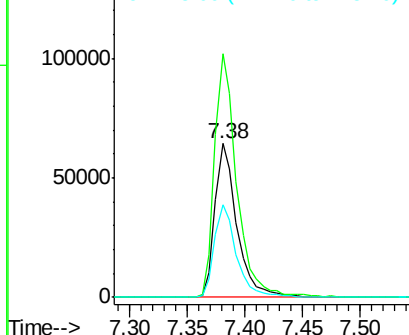
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85464
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 60.1 52.2 78.2



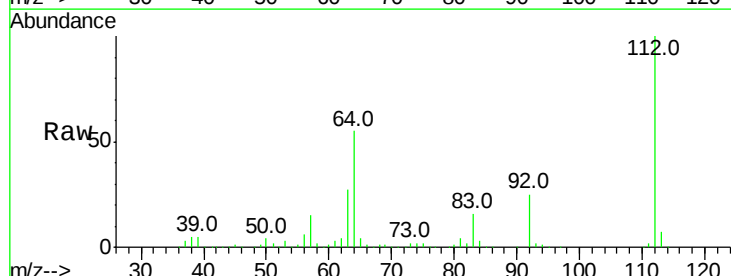
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



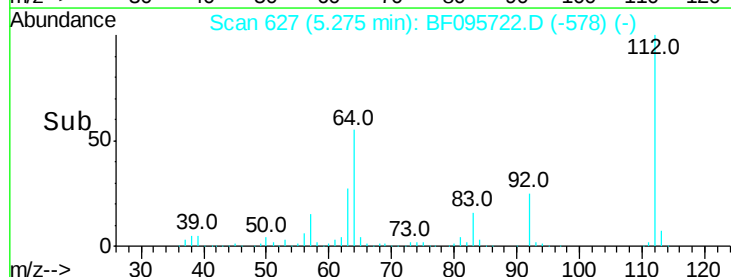
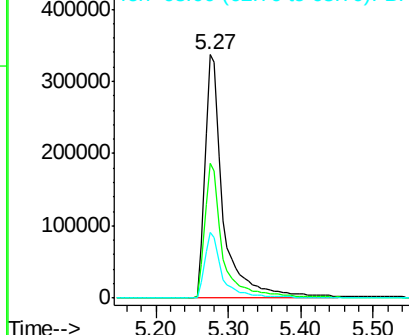
#5

2-Fluorophenol
Concen: 110.53 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

Tgt Ion:112 Resp: 592817
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.1 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: 110.65 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095722.D

Acq: 6 Jun 2017 22:08

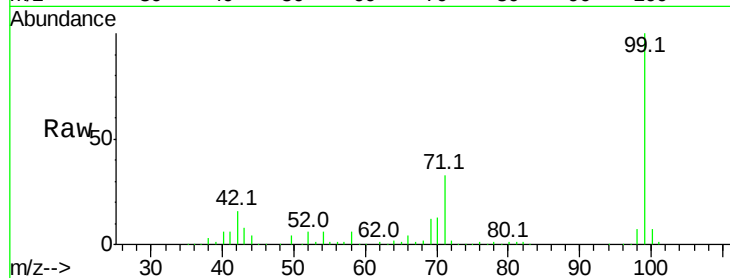
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 710508

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	32.9	24.5	36.7

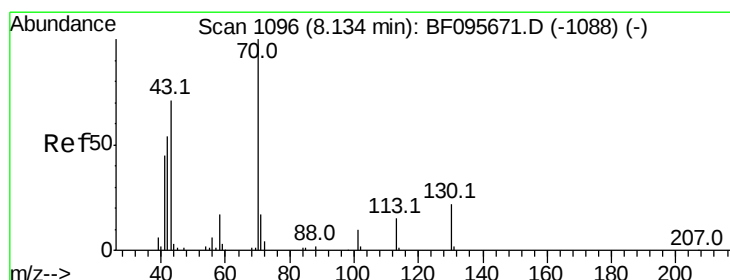
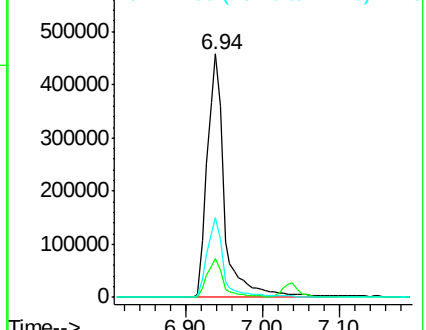
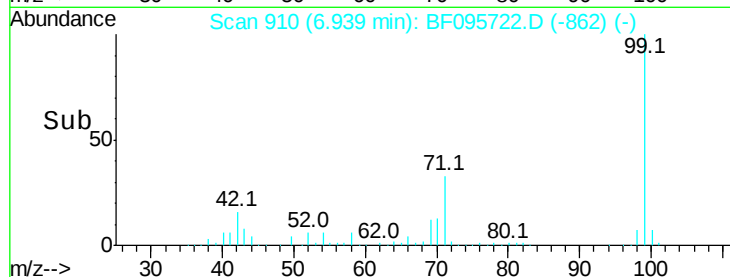


Abundance

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: 12.96 ng

RT: 8.30 min Scan# 1141

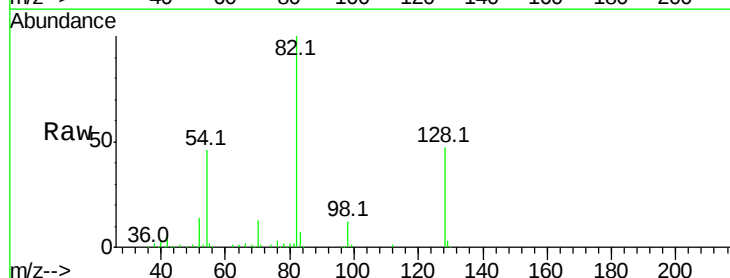
Delta R.T. 0.16 min

Lab File: BF095722.D

Acq: 6 Jun 2017 22:08

Tgt Ion: 70 Resp: 52730

Ion	Ratio	Lower	Upper
70	100		
42	42.4	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



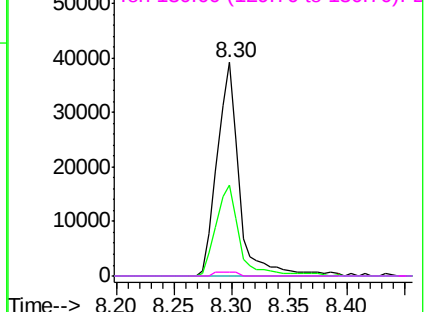
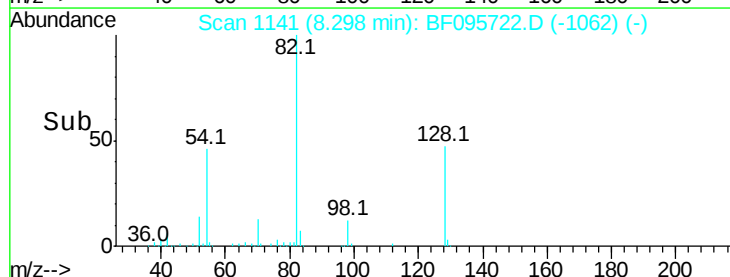
Abundance

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: 9.41 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095722.D

Acq: 6 Jun 2017 22:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 342265

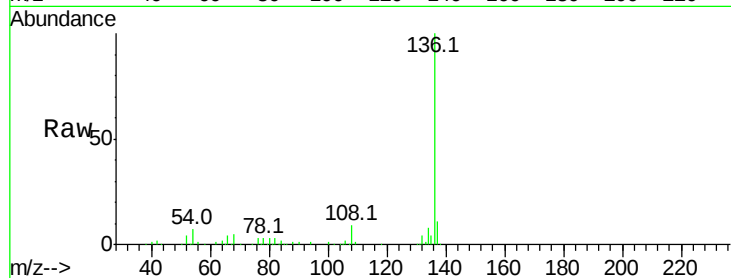
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 5.2 4.1 6.1

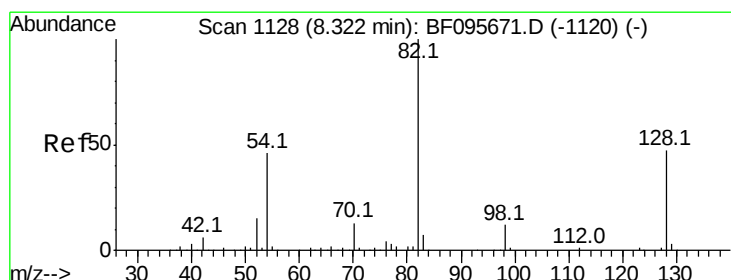
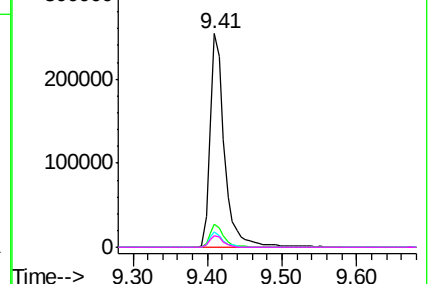
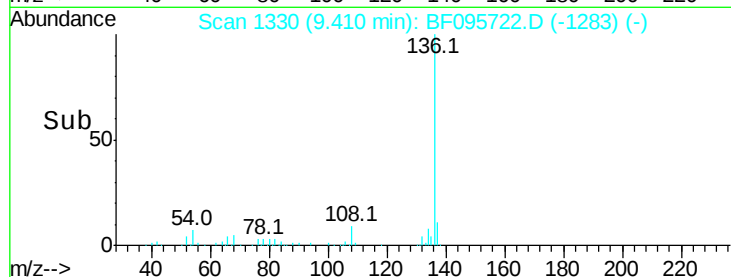


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.66 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095722.D

Acq: 6 Jun 2017 22:08

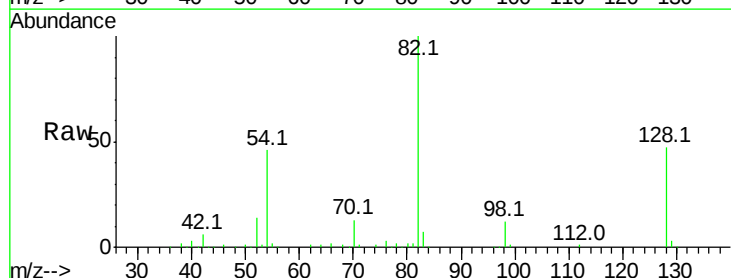
Tgt Ion: 82 Resp: 422461

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

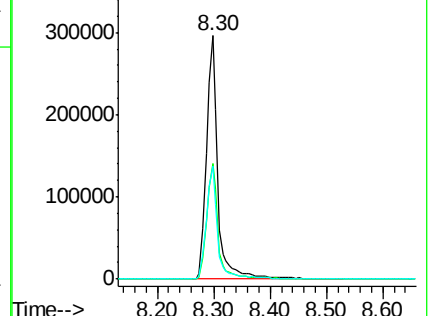
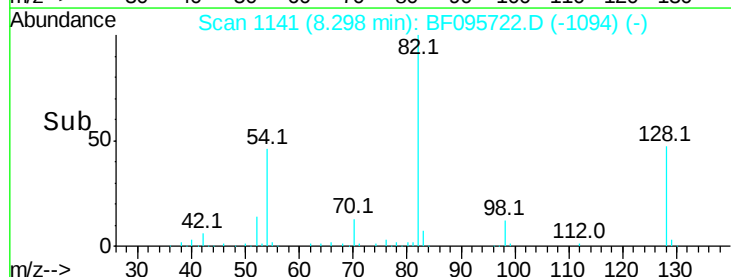
54 46.2 42.2 63.2

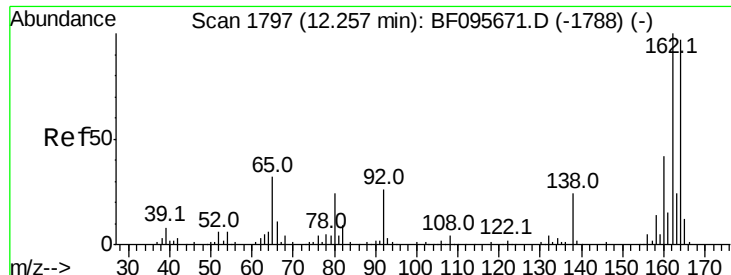


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

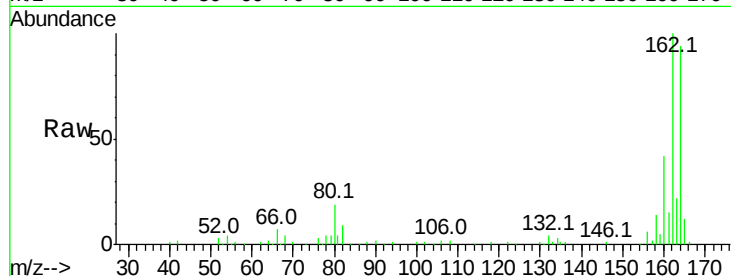




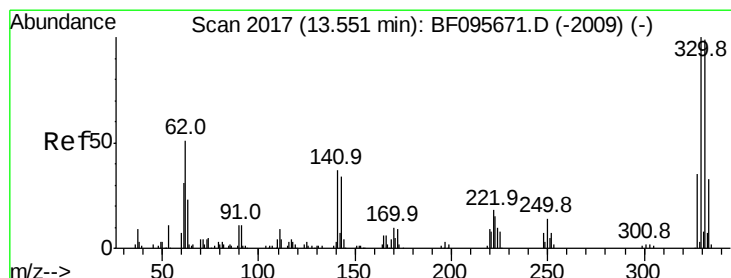
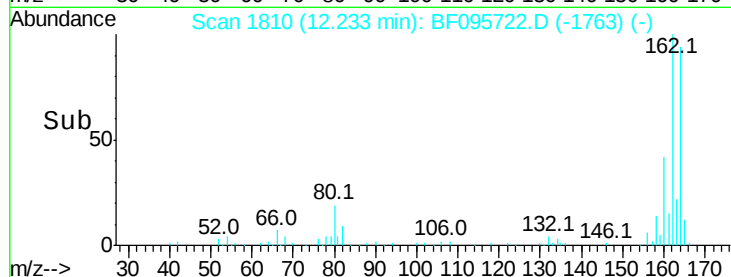
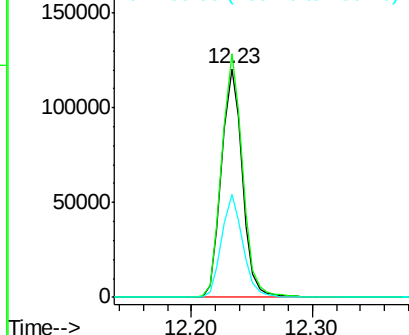
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 144385
Ion Ratio Lower Upper
164 100
162 106.5 82.6 123.8
160 44.9 36.2 54.2

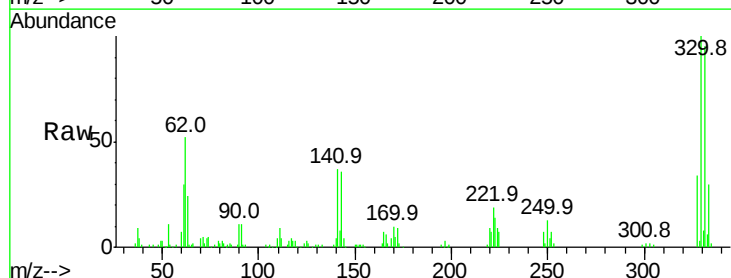


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

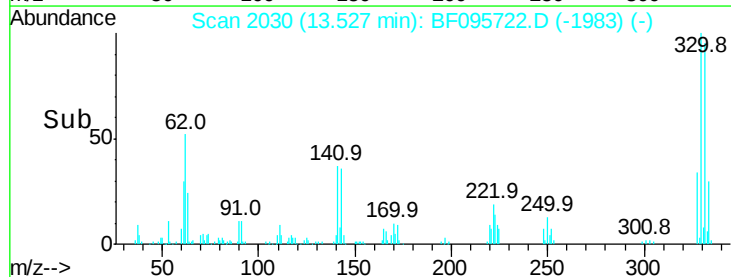
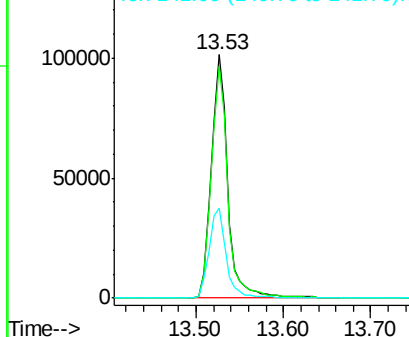


#41
2,4,6-Tribromophenol
Concen: 104.22 ng
RT: 13.53 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

Tgt Ion:330 Resp: 133143
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 38.8 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

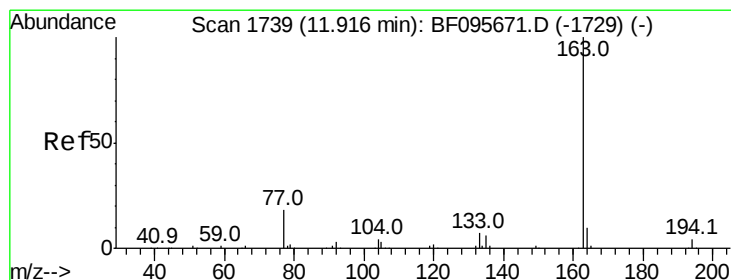
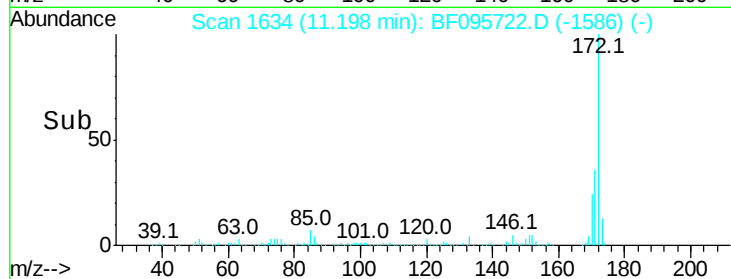
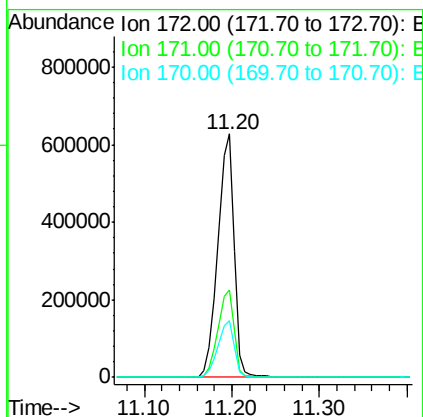
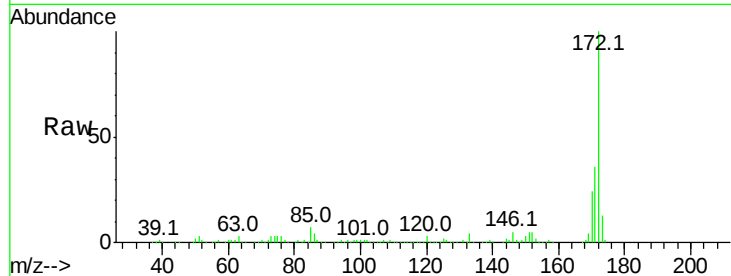




#44
2-Fluorobiphenyl
Concen: 78.82 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

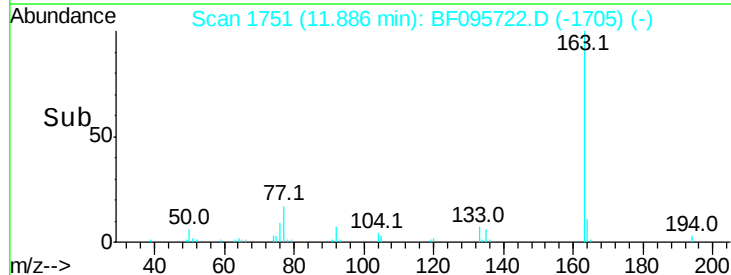
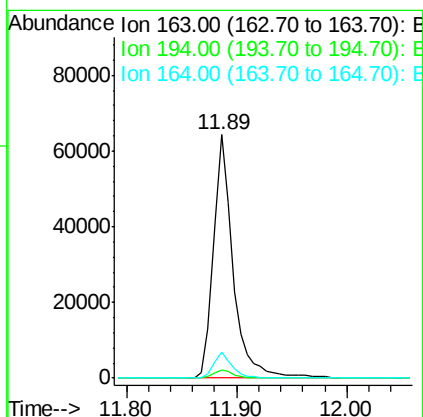
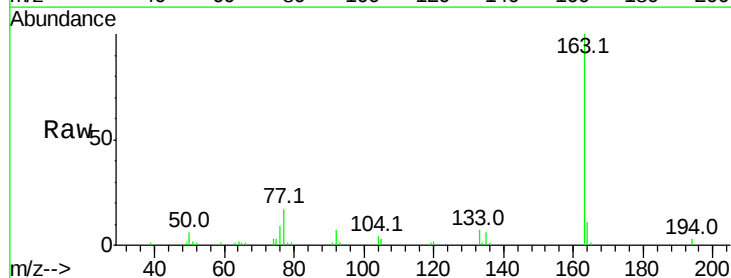
Instrument :
BNA_F
ClientSampleId :

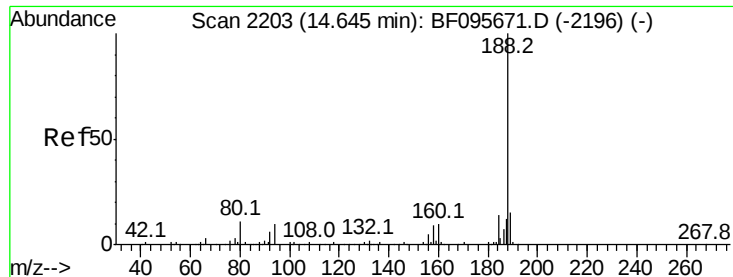
Tot Ion:172 Resp: 817788
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 7.19 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

Tgt Ion:163 Resp: 78802
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.4 12.6

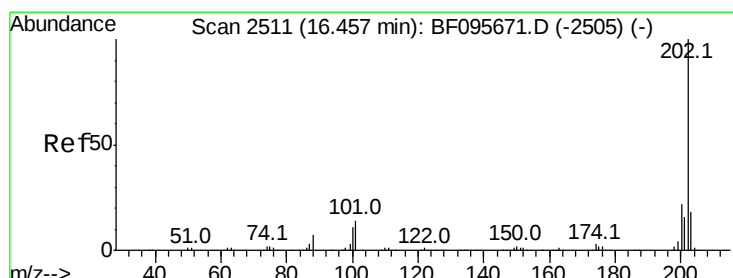
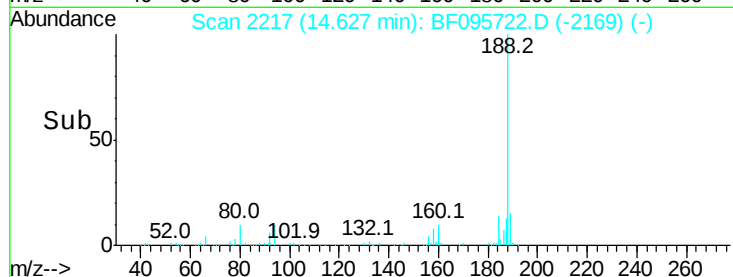
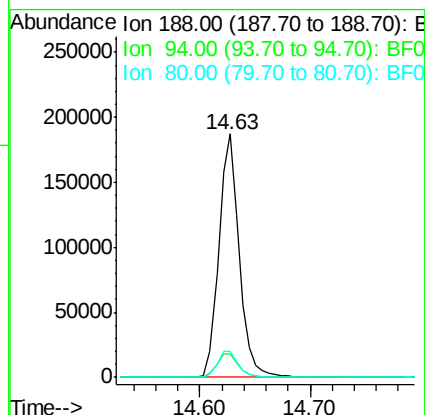
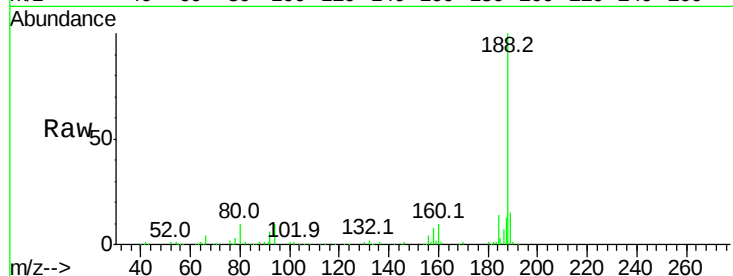




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

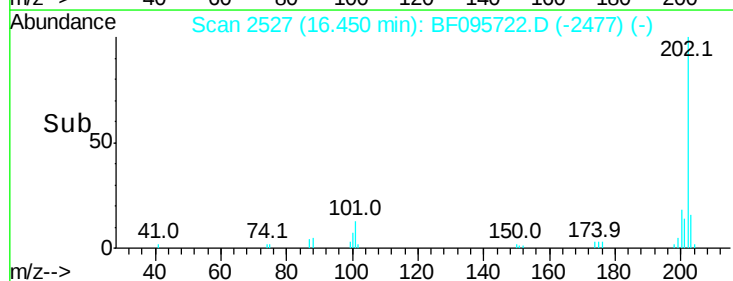
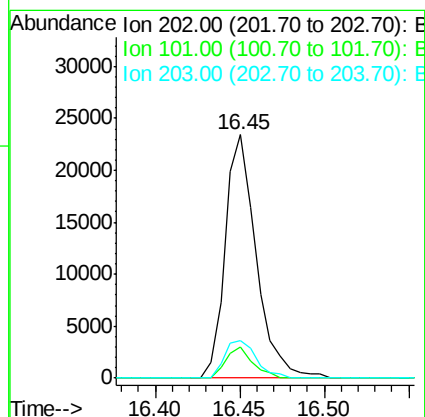
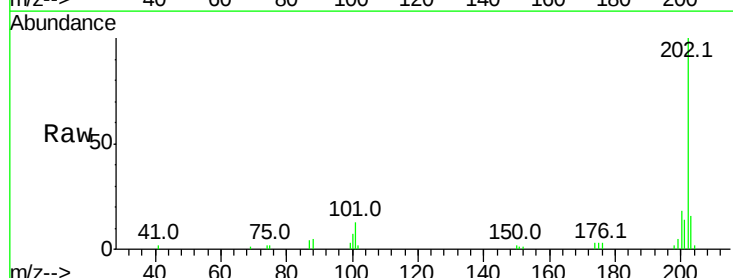
Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 238553
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.5 10.2 15.2



#74
Fluoranthene
Concen: 2.19 ng
RT: 16.45 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

Tgt Ion:202 Resp: 29768
Ion Ratio Lower Upper
202 100
101 15.1 0.0 33.2
203 15.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2848

Delta R.T. -0.02 min

Lab File: BF095722.D

Acq: 6 Jun 2017 22:08

Instrument :

BNA_F

ClientSampleId :

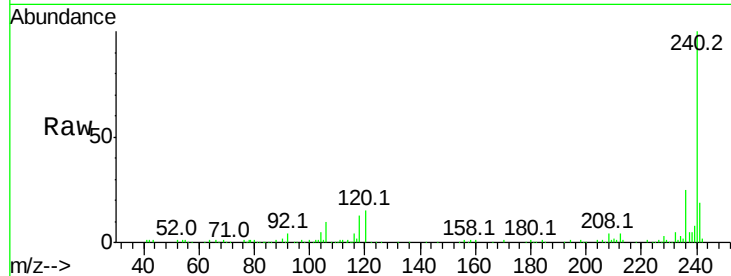
Tot Ion:240 Resp: 160330

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

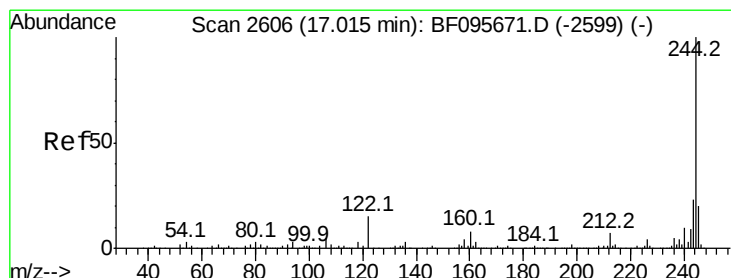
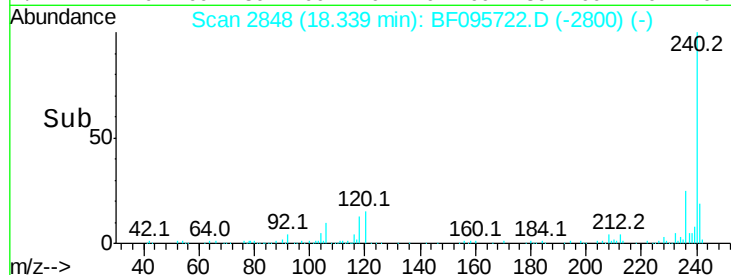
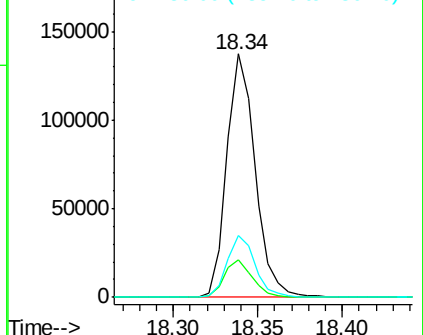
236 25.1 20.5 30.7



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



#78

Terphenyl-d14

Concen: 84.93 ng

RT: 17.00 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF095722.D

Acq: 6 Jun 2017 22:08

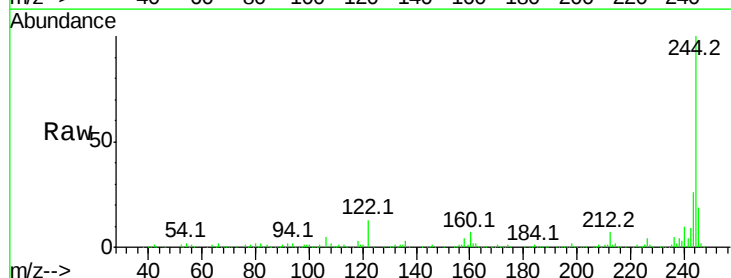
Tgt Ion:244 Resp: 548674

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

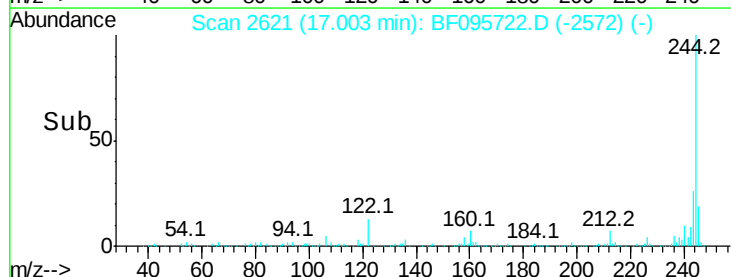
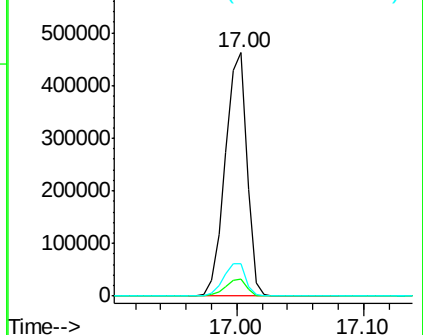
122 13.1 10.3 15.5

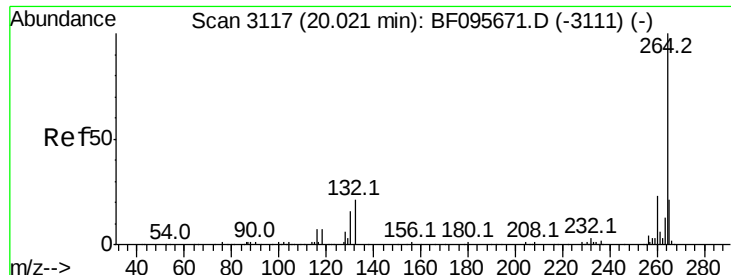


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

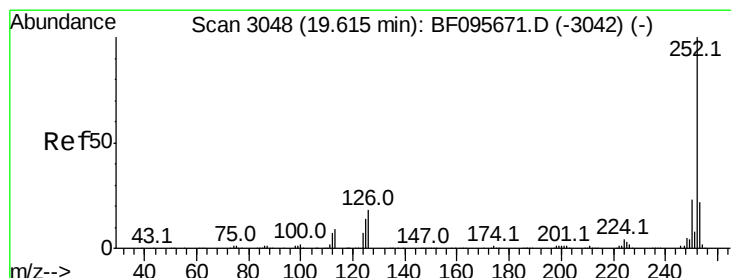
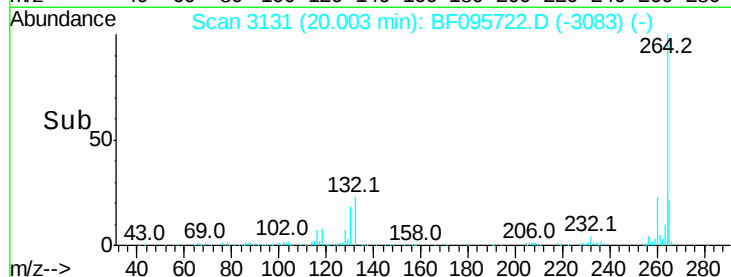
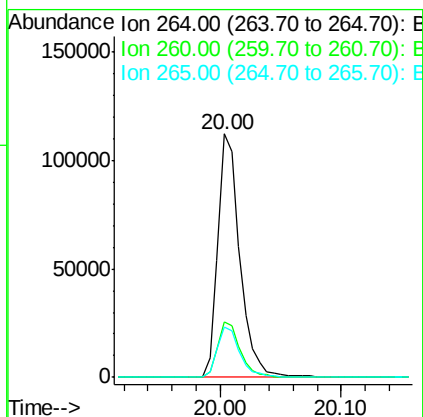
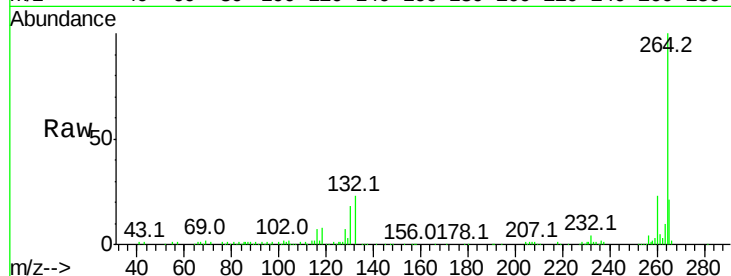




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

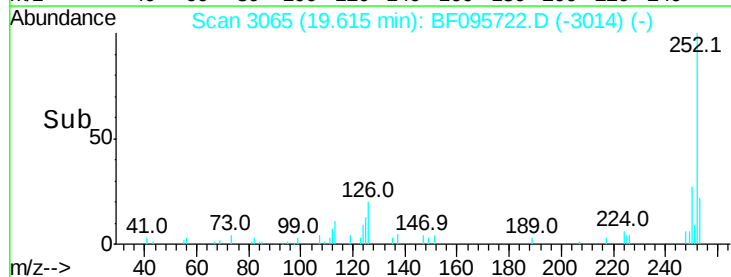
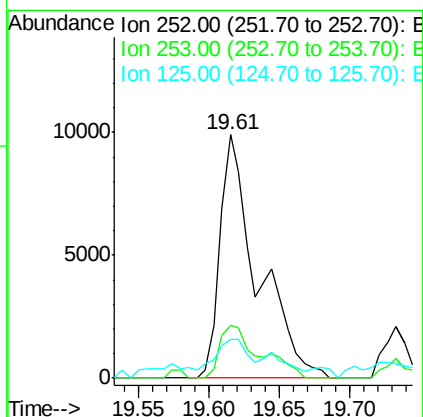
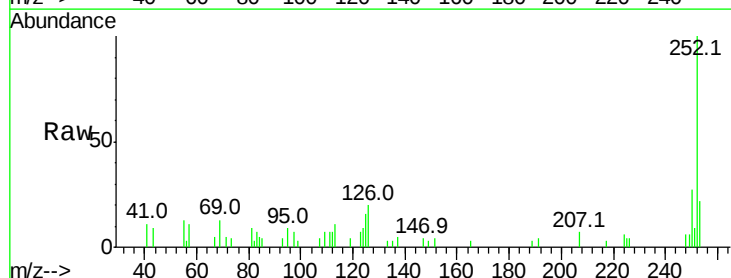
Instrument :
BNA_F
ClientSampleId :

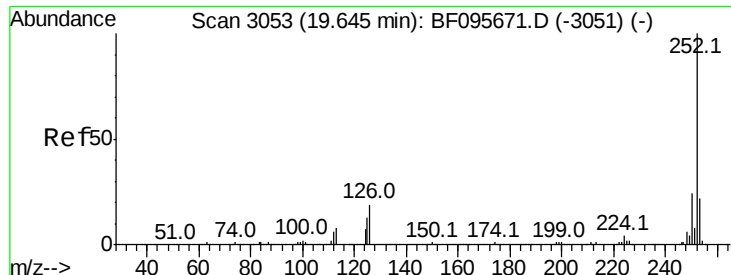
Tot Ion:264 Resp: 140621
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 20.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.10 ng
RT: 19.61 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095722.D
Acq: 6 Jun 2017 22:08

Tgt Ion:252 Resp: 18454
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 16.1 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.19 ng

RT: 19.61 min Scan# 3065

Delta R.T. -0.03 min

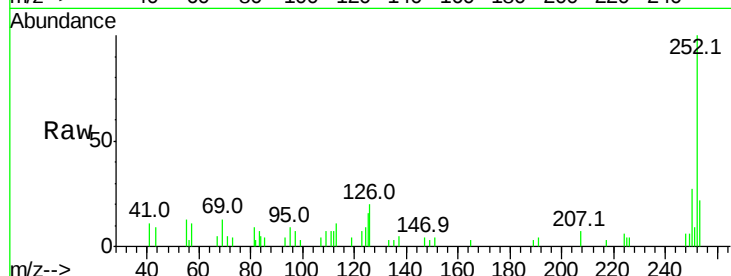
Lab File: BF095722.D

Acq: 6 Jun 2017 22:08

Instrument :

BNA_F

ClientSampleId :



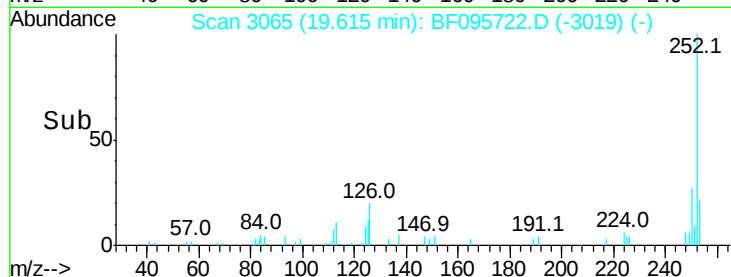
Tot Ion:252 Resp: 18454

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

125 16.1 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

