

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095135.D
 Acq On : 15 May 2017 20:19
 Operator : SJ/MA
 Sample : I3147-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:58:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

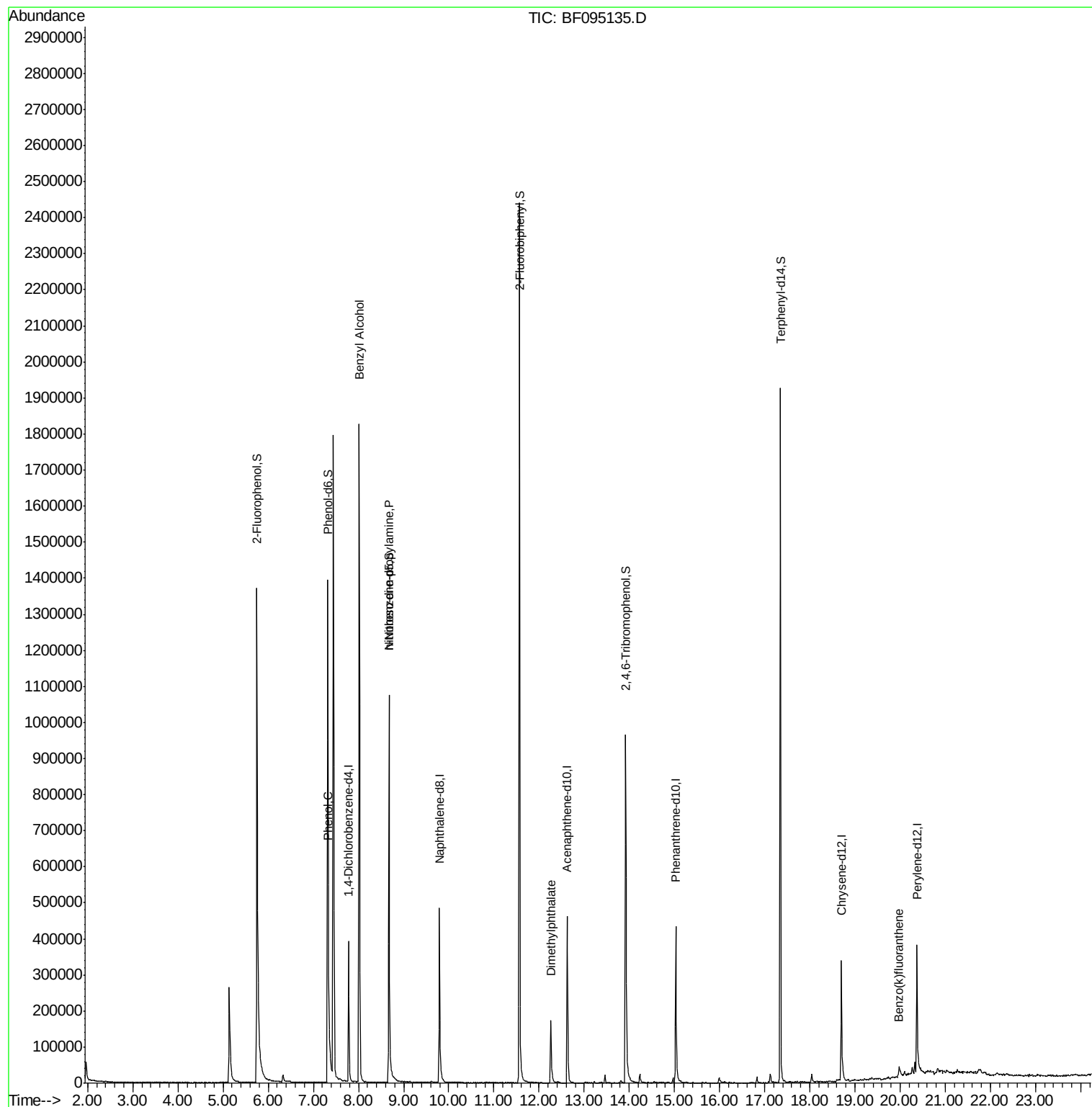
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	89758	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	367407	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	144349	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	262654	20.00	ng	0.05
75) Chrysene-d12	18.70	240	177999	20.00	ng	0.05
86) Perylene-d12	20.37	264	184847	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	804875	149.50	ng	0.07
7) Phenol-d6	7.32	99	862556	133.53	ng	0.04
23) Nitrobenzene-d5	8.68	82	527910	90.61	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	181457	153.49	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1132413	112.92	ng	0.04
78) Terphenyl-d14	17.35	244	725537	89.78	ng	0.04
Target Compounds						
10) Phenol	7.34	94	16079	2.36	ng	# 52
15) Benzyl Alcohol	8.01	79	8896	2.14	ng	# 44
19) n-Nitroso-di-n-propylamine	8.68	70	66068	15.12	ng	# 77
49) Dimethylphthalate	12.26	163	148833	12.56	ng	97
88) Benzo(k)fluoranthene	19.98	252	22788	2.07	ng	# 94

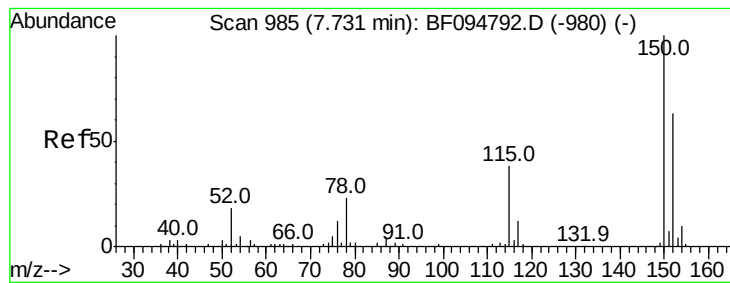
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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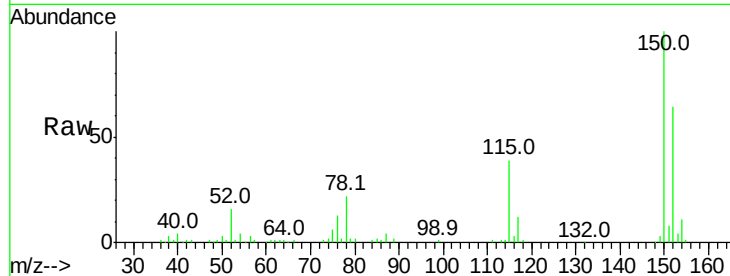


#1

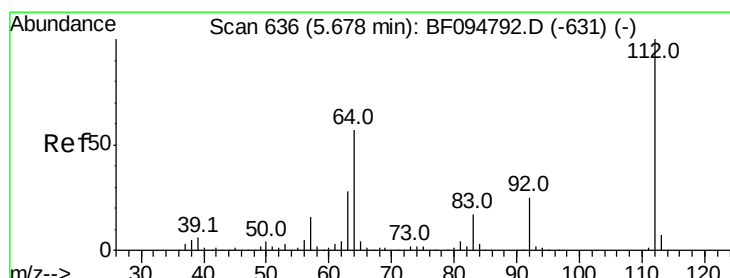
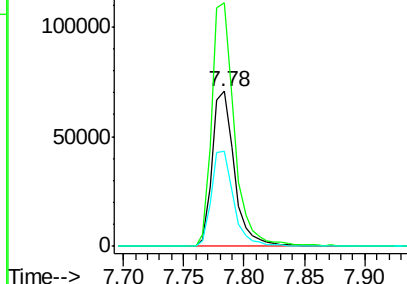
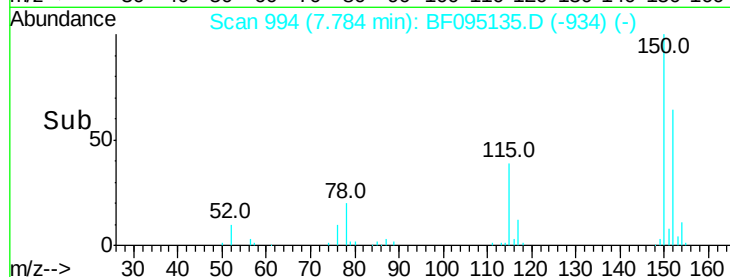
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095135.D
Acq: 15 May 2017 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89758
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 61.3 52.2 78.2



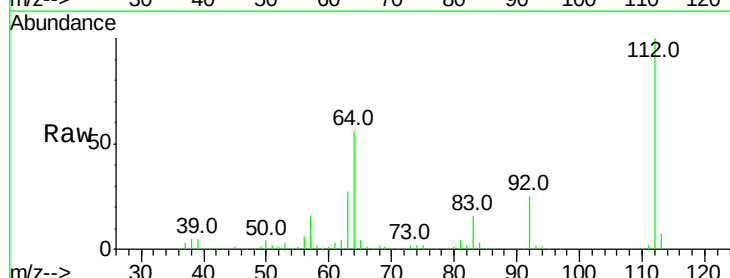
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



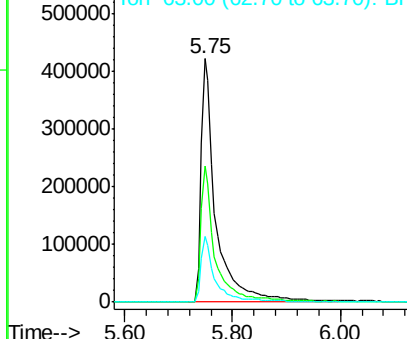
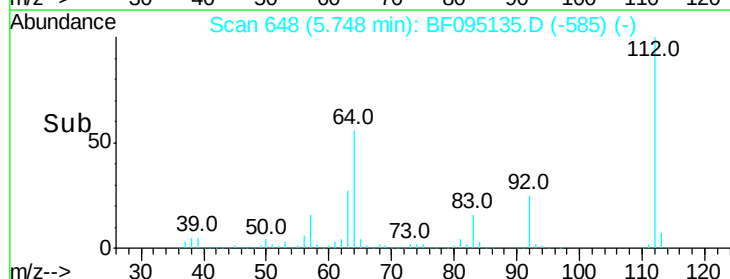
#5

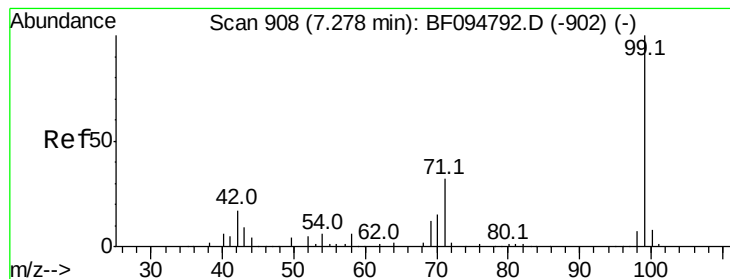
2-Fluorophenol
Concen: 149.50 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095135.D
Acq: 15 May 2017 20:19

Tgt Ion:112 Resp: 804875
Ion Ratio Lower Upper
112 100
64 56.0 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: 133.53 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095135.D

Acq: 15 May 2017 20:19

Instrument :

BNA_F

ClientSampled :

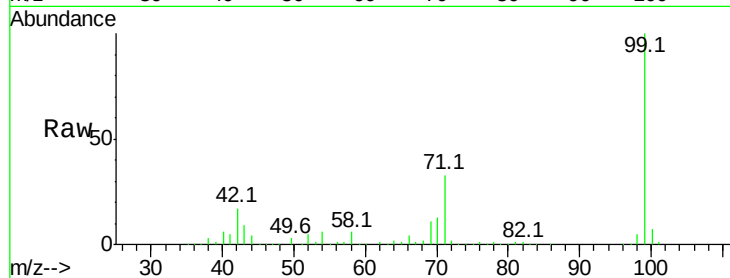
Tot Ion: 99 Resp: 862556

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

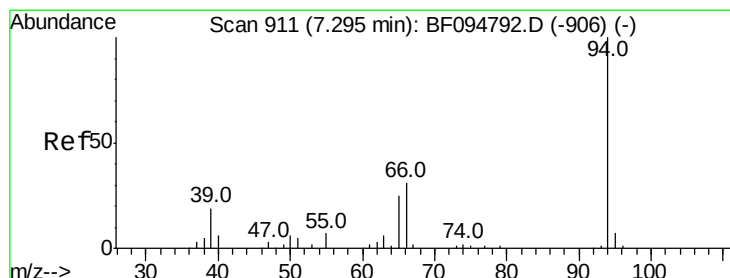
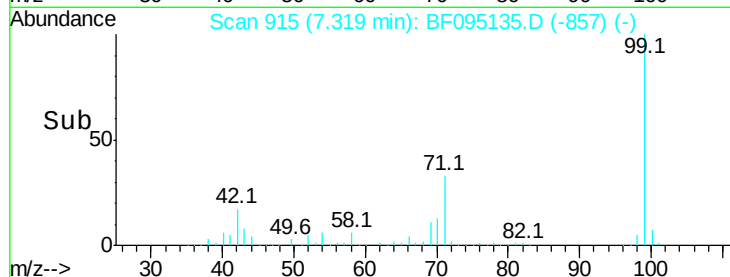
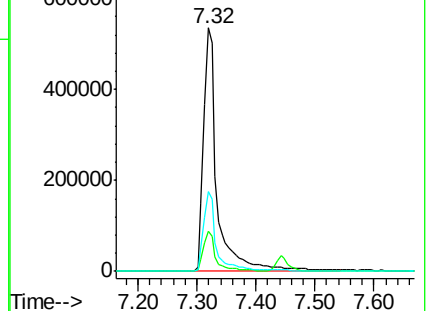
71 33.0 24.5 36.7



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



#10

Phenol

Concen: 2.36 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095135.D

Acq: 15 May 2017 20:19

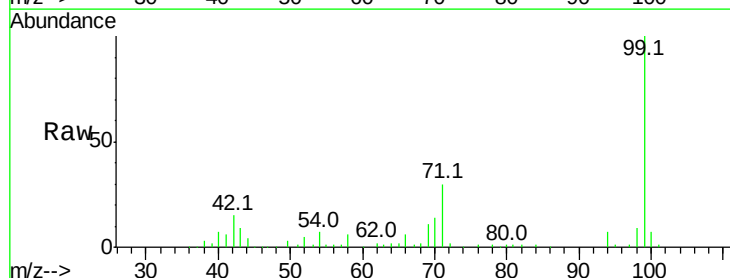
Tgt Ion: 94 Resp: 16079

Ion Ratio Lower Upper

94 100

65 36.7 9.9 49.9

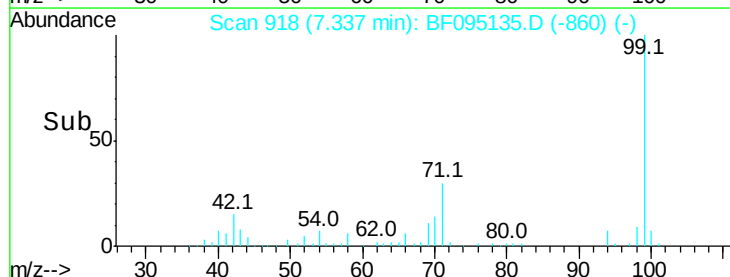
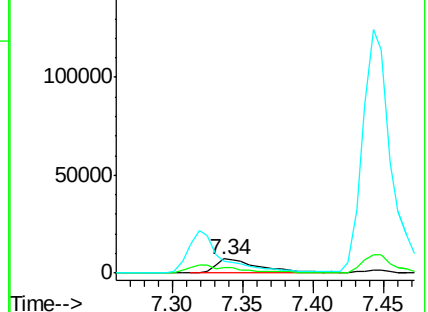
66 89.3 23.1 63.1#

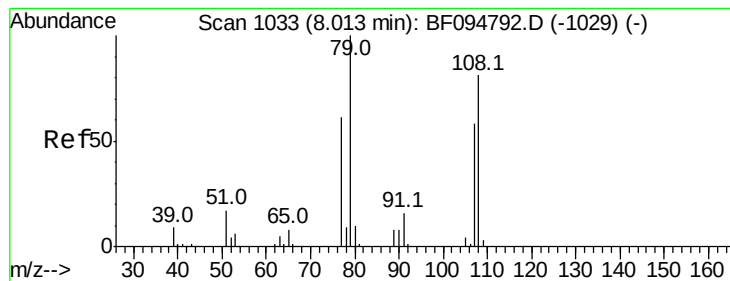


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 8.01 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF095135.D

Acq: 15 May 2017 20:19

Instrument :

BNA_F

ClientSampled :

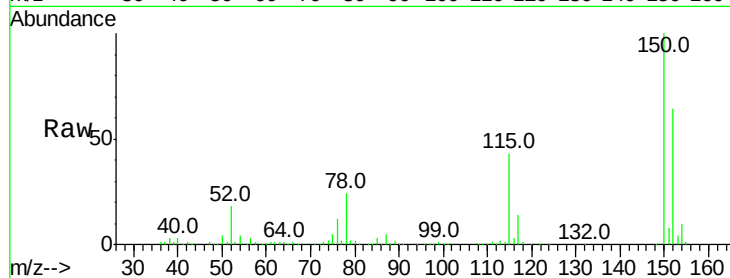
Tot Ion: 79 Resp: 8896

Ion Ratio Lower Upper

79 100

108 24.8 63.4 95.0#

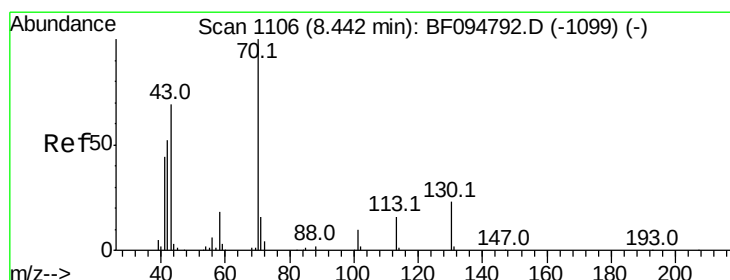
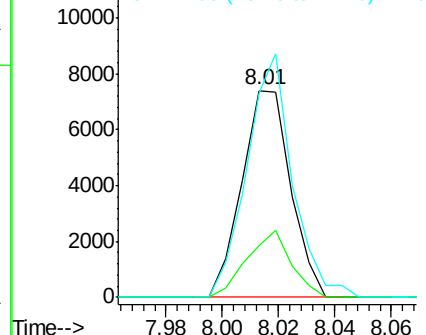
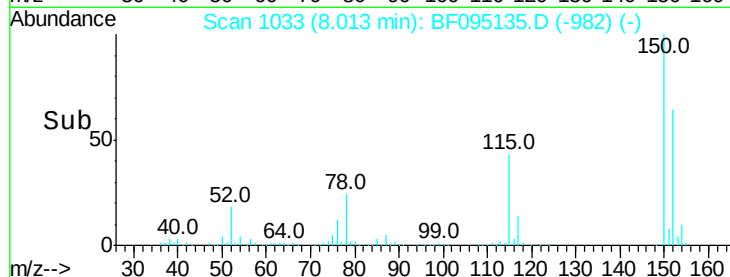
77 98.3 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.12 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.24 min

Lab File: BF095135.D

Acq: 15 May 2017 20:19

Tgt Ion: 70 Resp: 66068

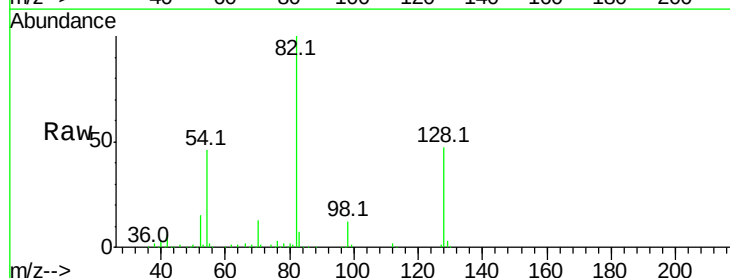
Ion Ratio Lower Upper

70 100

42 45.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

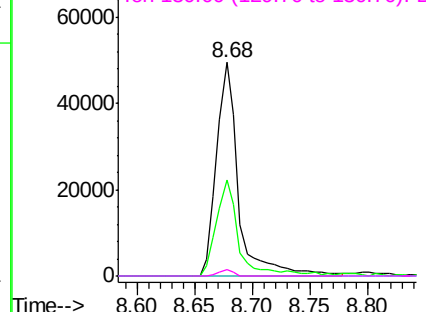
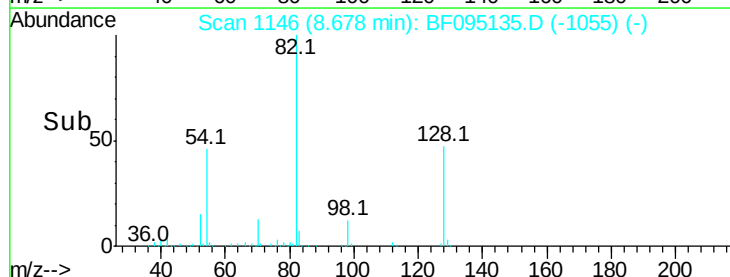


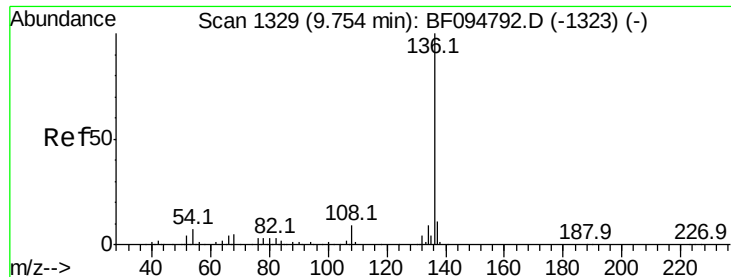
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095135.D

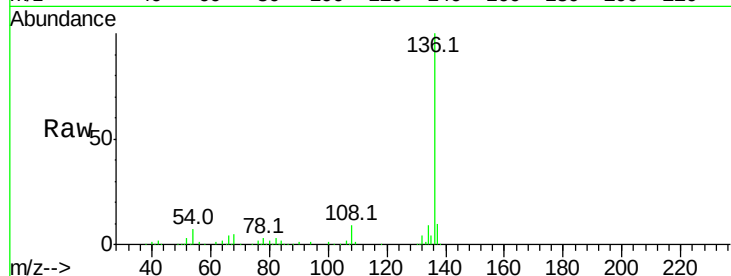
Acq: 15 May 2017 20:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	367407
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	6.5	4.9 7.3
68	5.2	4.1 6.1

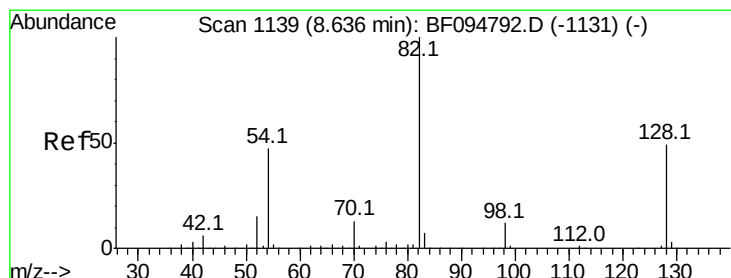
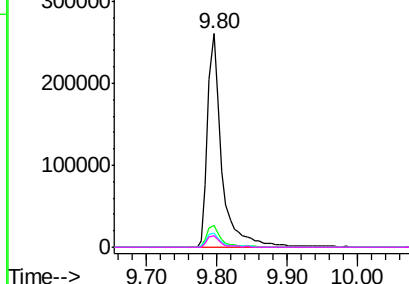
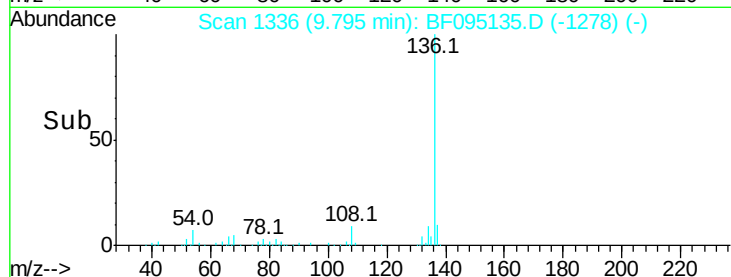


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.61 ng

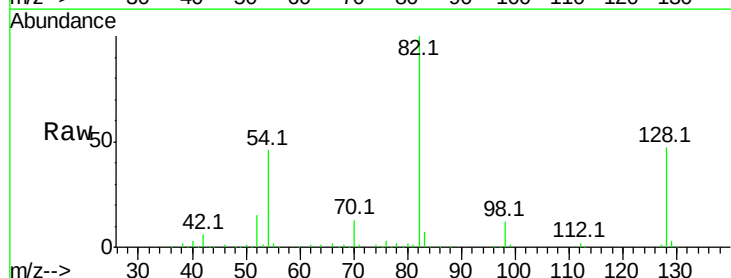
RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095135.D

Acq: 15 May 2017 20:19

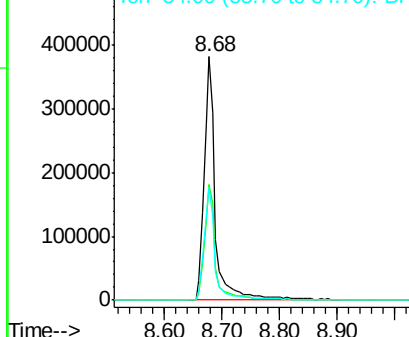
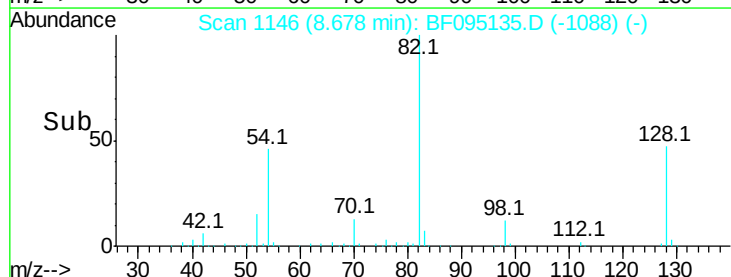
Tgt Ion: 82	Resp:	527910
Ion Ratio	Lower	Upper
82	100	
128	47.5	34.0 51.0
54	46.4	42.2 63.2

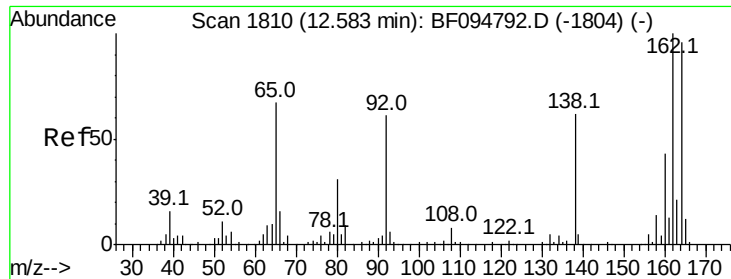


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

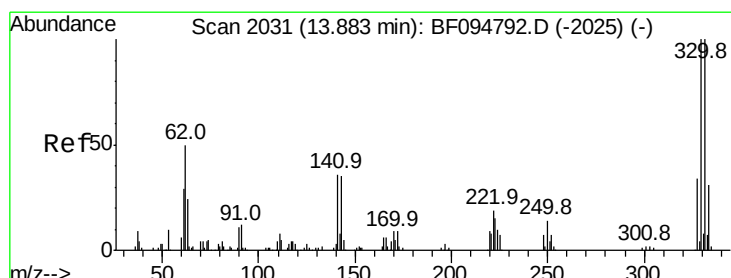
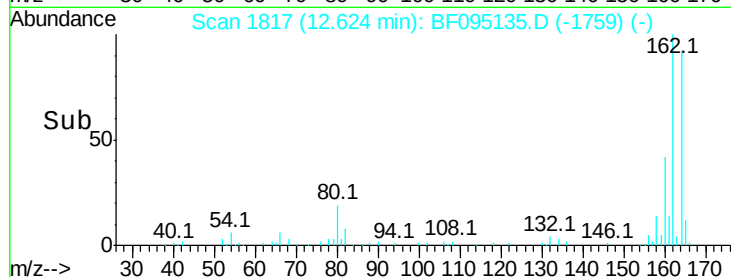
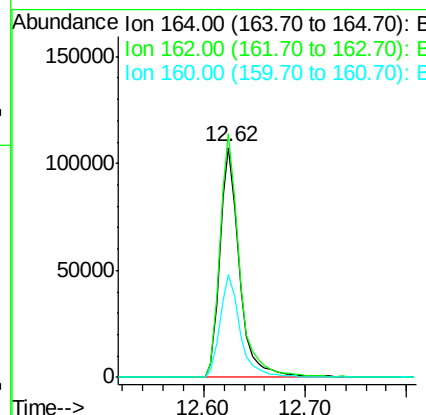
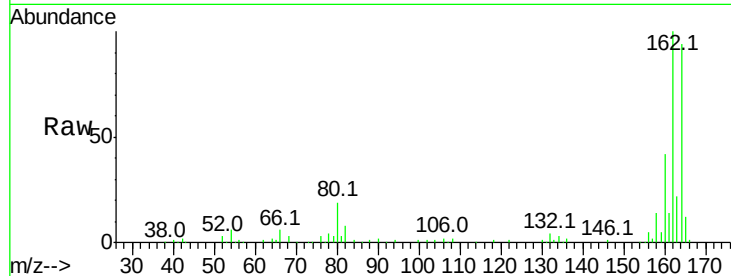




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095135.D
 Acq: 15 May 2017 20:19

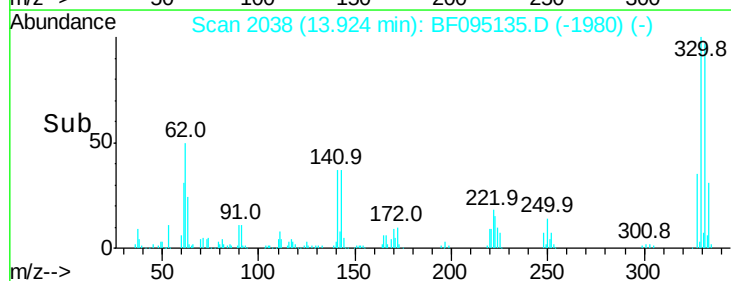
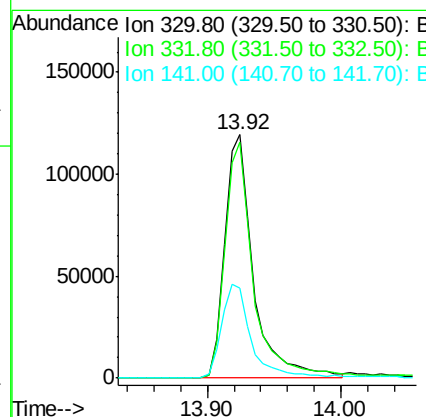
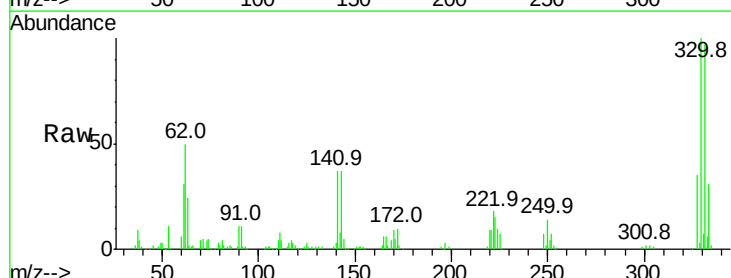
Instrument :
 BNA_F
 ClientSampleId :

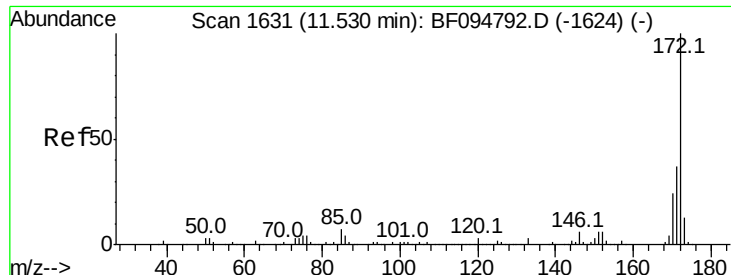
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	44.8	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 153.49 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095135.D
 Acq: 15 May 2017 20:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.9	76.6	115.0
141	40.4	31.4	47.2

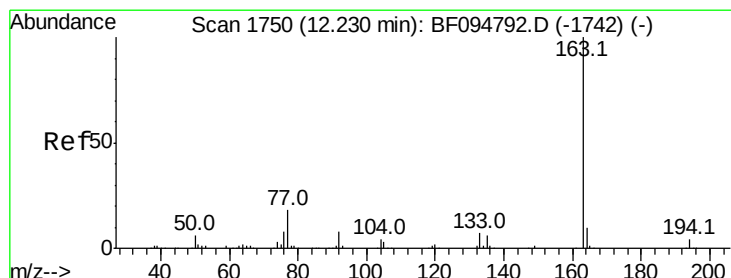
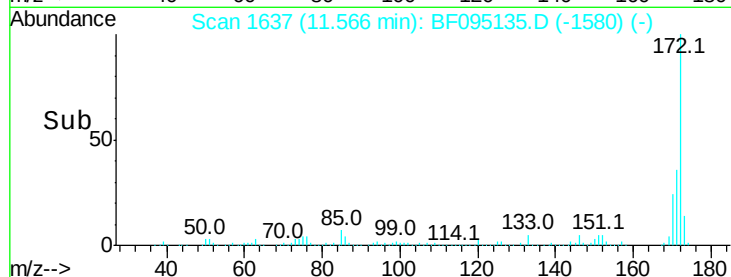
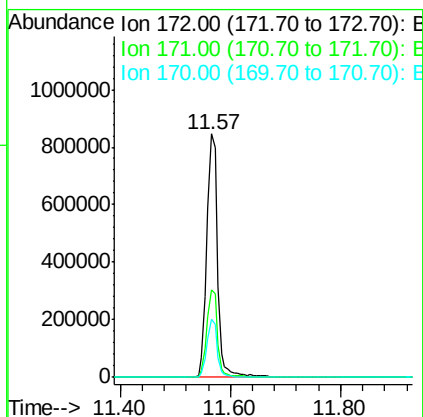
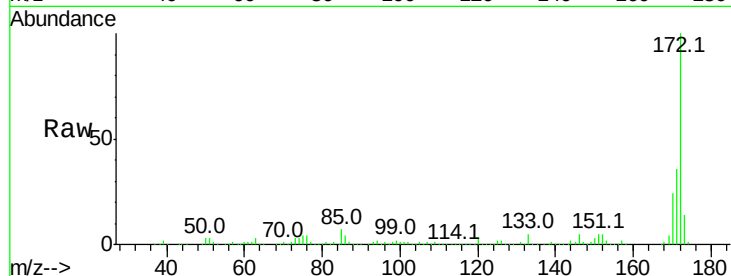




#44
2-Fluorobiphenyl
Concen: 112.92 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095135.D
Acq: 15 May 2017 20:19

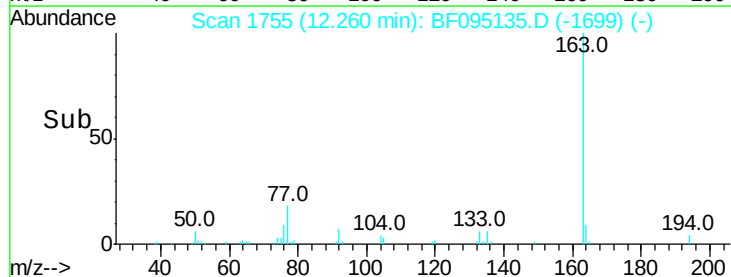
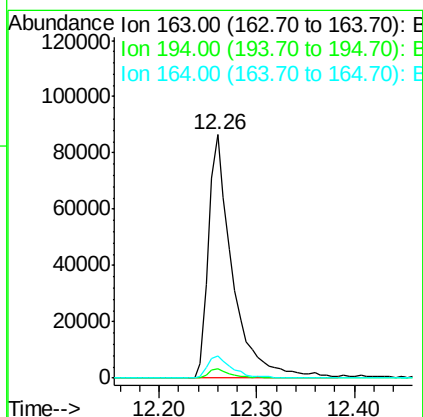
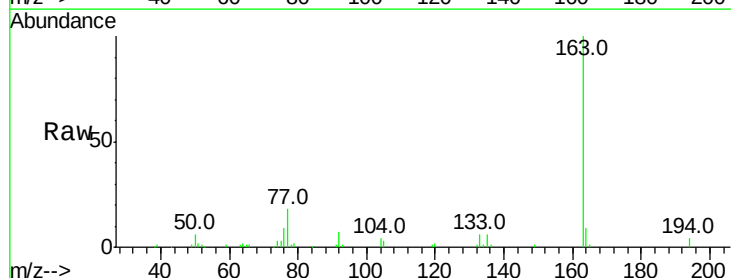
Instrument :
BNA_F
ClientSampleId :

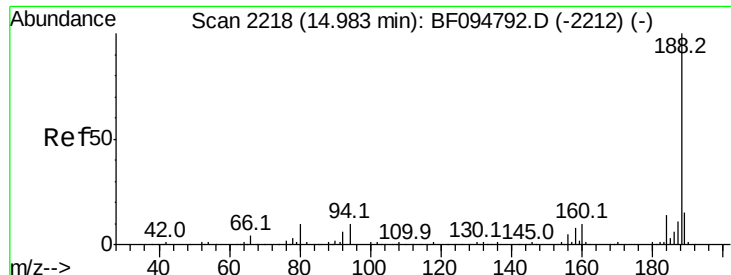
Tot Ion:172 Resp: 1132413
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 12.56 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095135.D
Acq: 15 May 2017 20:19

Tgt Ion:163 Resp: 148833
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.3 8.4 12.6

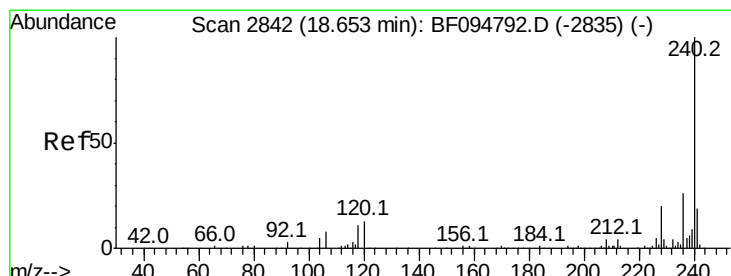
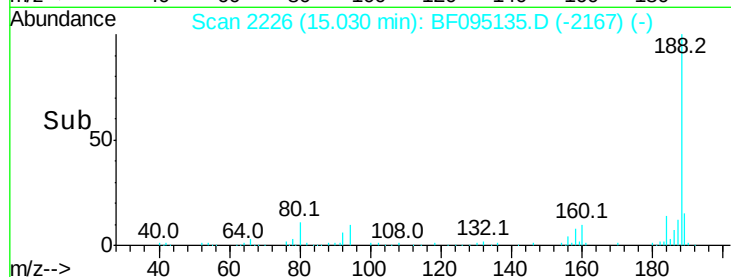
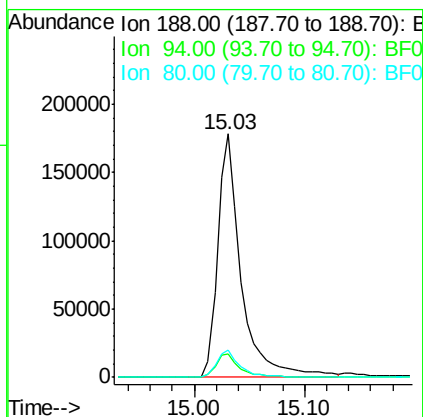
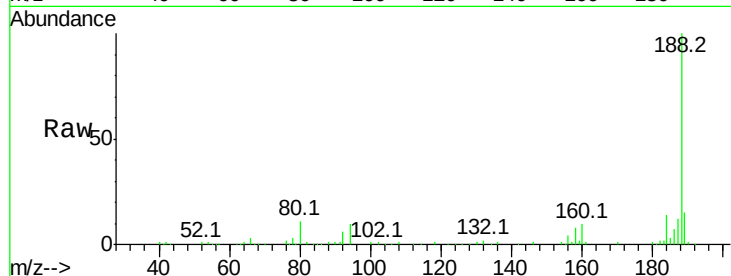




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. 0.05 min
 Lab File: BF095135.D
 Acq: 15 May 2017 20:19

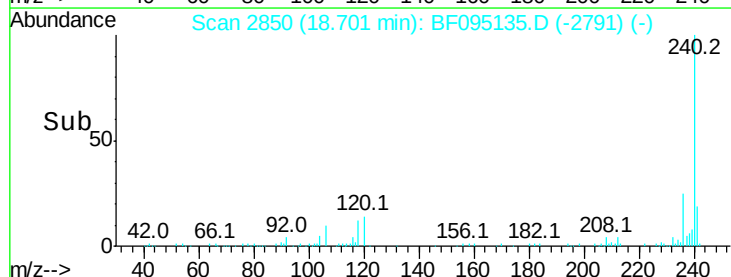
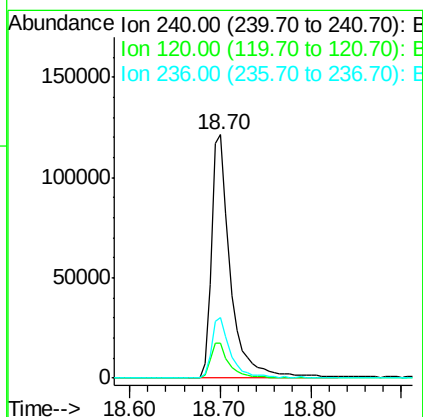
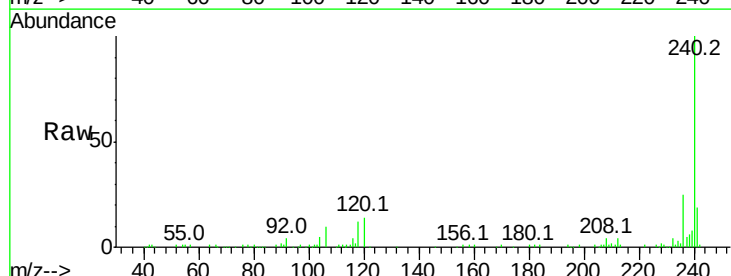
Instrument :
 BNA_F
 ClientSampled :

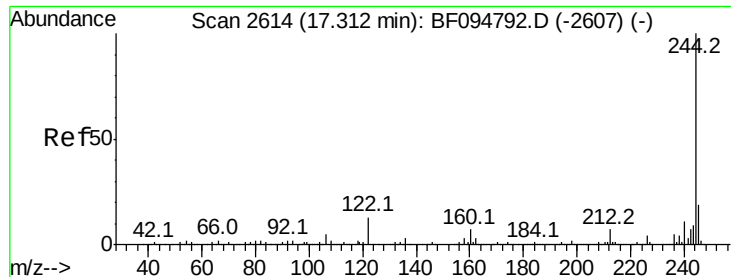
Tot Ion:188 Resp: 262654
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.0 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. 0.05 min
 Lab File: BF095135.D
 Acq: 15 May 2017 20:19

Tgt Ion:240 Resp: 177999
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 24.9 20.5 30.7

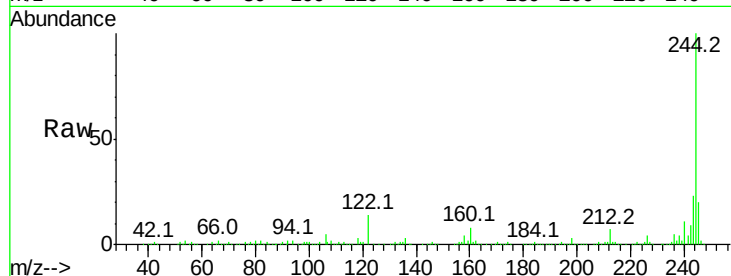




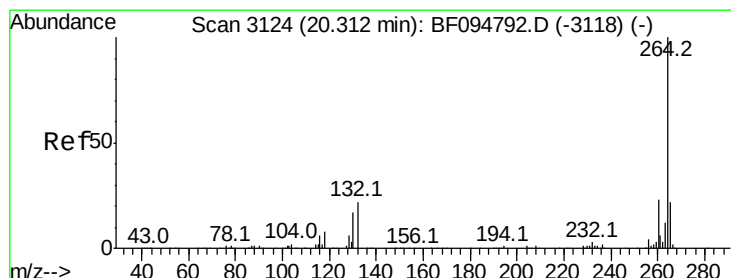
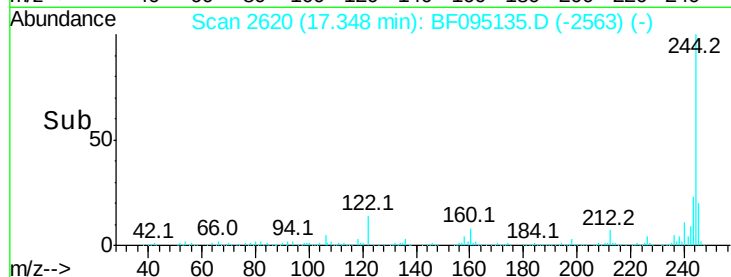
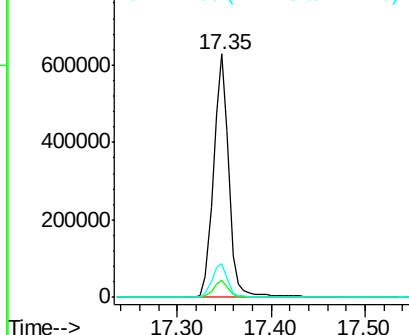
#78
 Terphenyl-d14
 Concen: 89.78 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095135.D
 Acq: 15 May 2017 20:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 725537
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.7 10.3 15.5

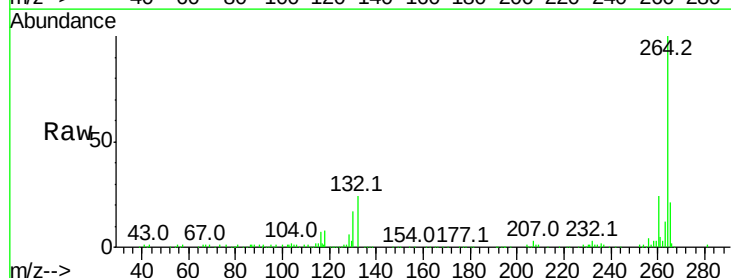


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

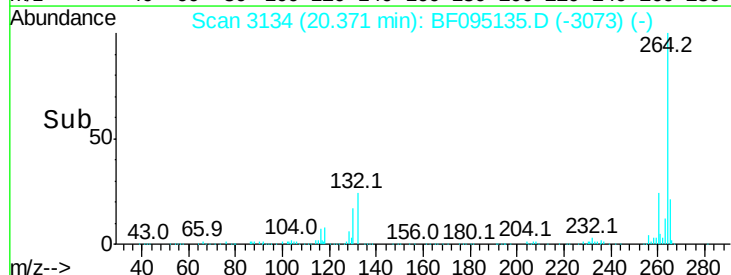
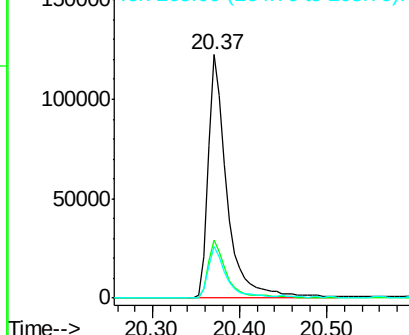


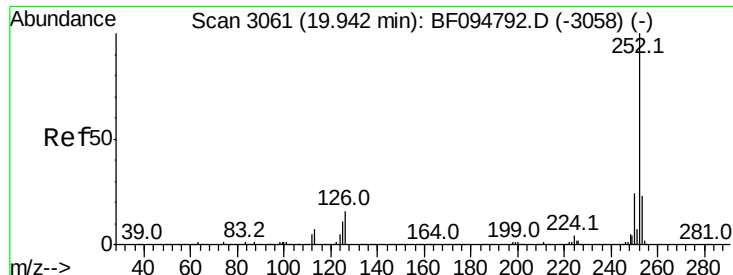
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095135.D
 Acq: 15 May 2017 20:19

Tgt Ion:264 Resp: 184847
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.2 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





#88

Benzo(k)fluoranthene

Concen: 2.07 ng

RT: 19.98 min Scan# 3067

Delta R.T. 0.04 min

Lab File: BF095135.D

Acq: 15 May 2017 20:19

Instrument :

BNA_F

ClientSampleId :

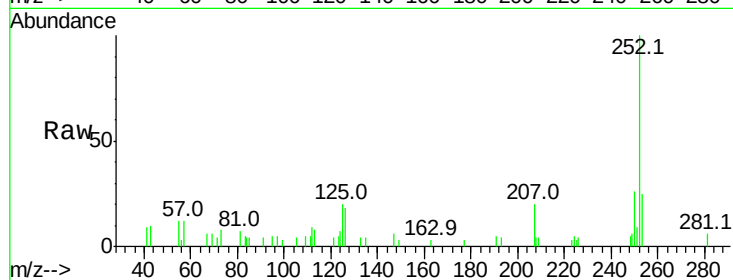
Tot Ion:252 Resp: 22788

Ion Ratio Lower Upper

252 100

253 24.5 18.4 27.6

125 20.4 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

