

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095165.D
 Acq On : 16 May 2017 19:58
 Operator : SJ/MA
 Sample : I3160-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:56:51 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

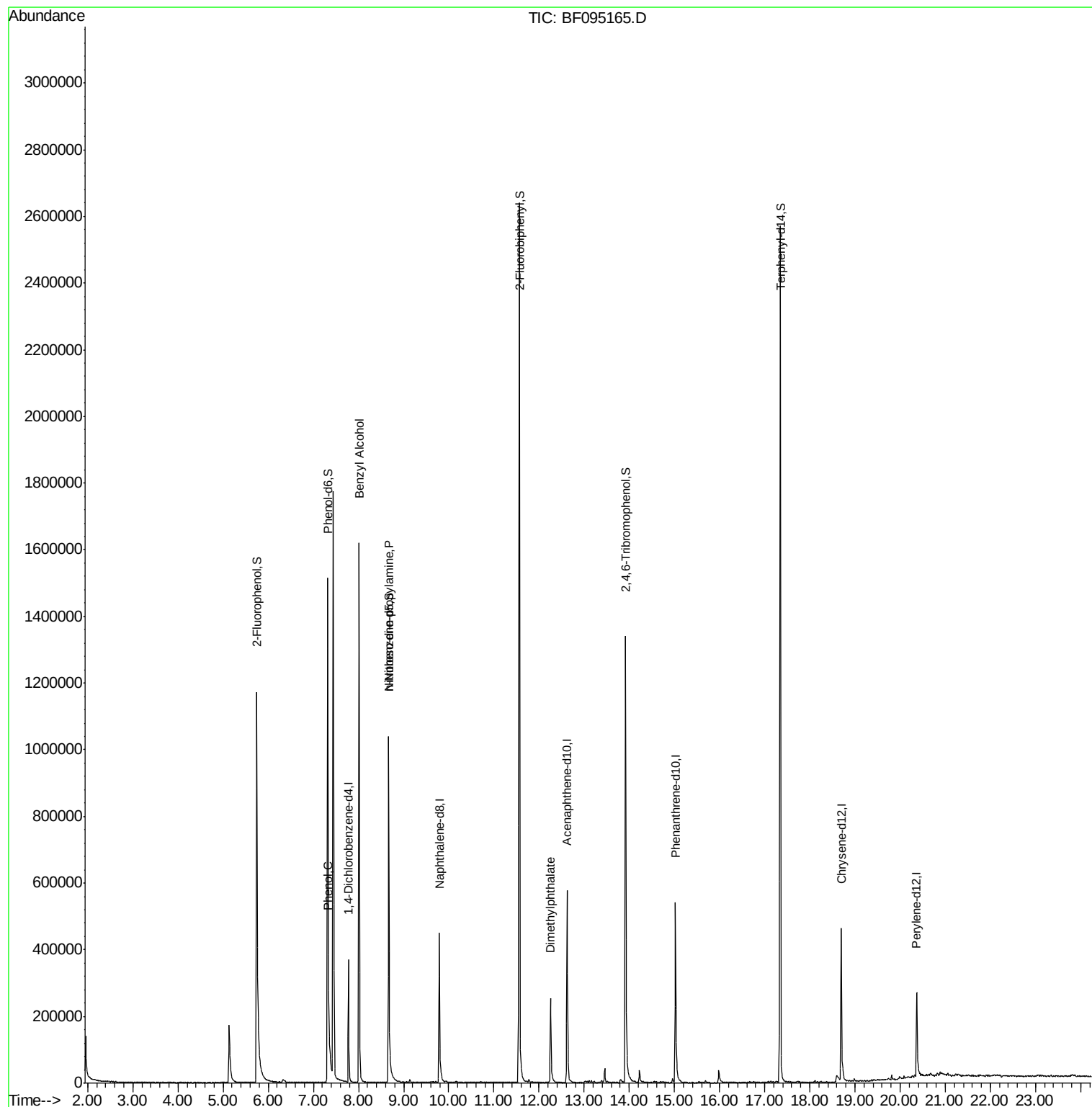
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82141	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	346154	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	192620	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	351739	20.00	ng	0.04
75) Chrysene-d12	18.69	240	251472	20.00	ng	0.04
86) Perylene-d12	20.37	264	153115	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	699585	141.99	ng	0.06
7) Phenol-d6	7.32	99	920891	155.78	ng	0.04
23) Nitrobenzene-d5	8.67	82	545100	99.30	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	244597	155.05	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1237173	92.45	ng	0.04
78) Terphenyl-d14	17.35	244	1041511	91.22	ng	0.04
Target Compounds						
10) Phenol	7.34	94	30304	4.86	ng	Qvalue 82
15) Benzyl Alcohol	8.01	79	8319	2.19	ng	# 39
19) n-Nitroso-di-n-propylamine	8.67	70	67715	16.94	ng	# 74
49) Dimethylphthalate	12.25	163	198342	12.54	ng	97

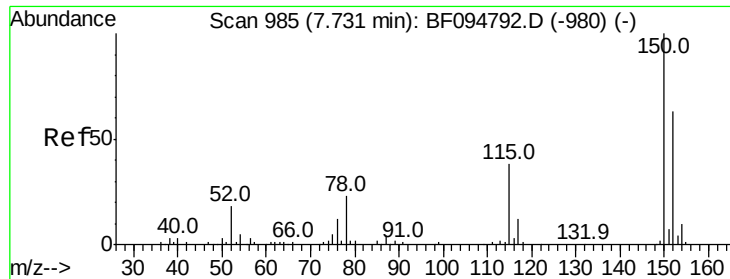
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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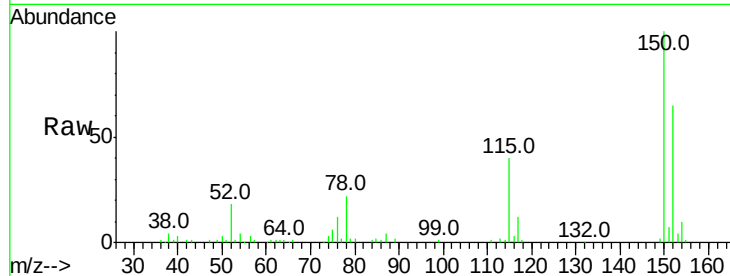


#1

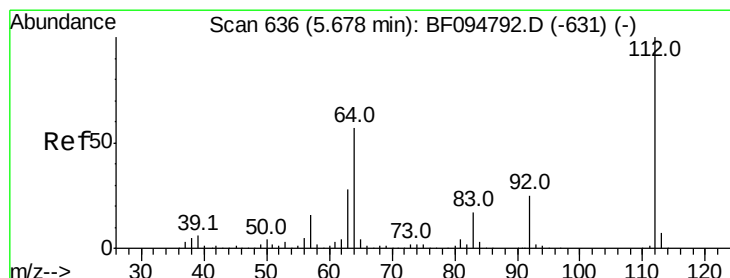
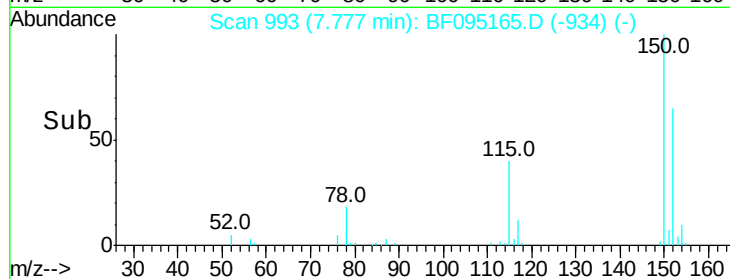
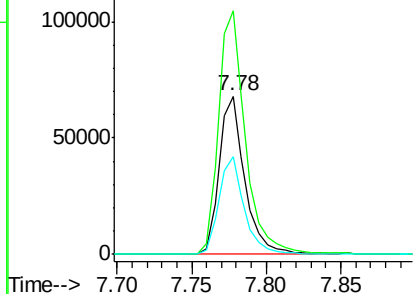
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82141
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 61.6 52.2 78.2



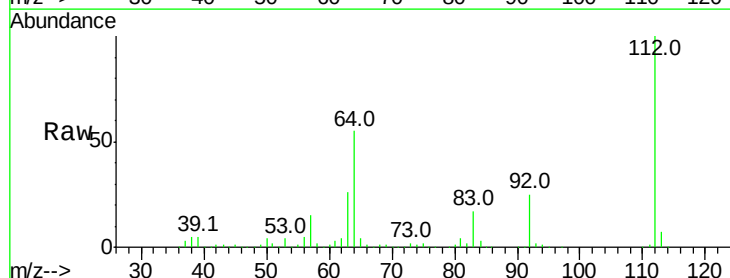
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



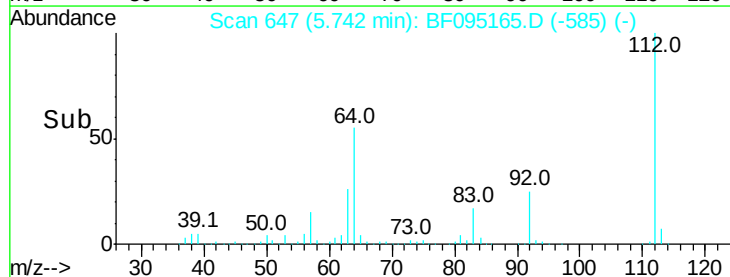
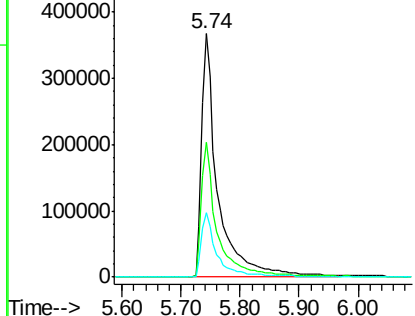
#5

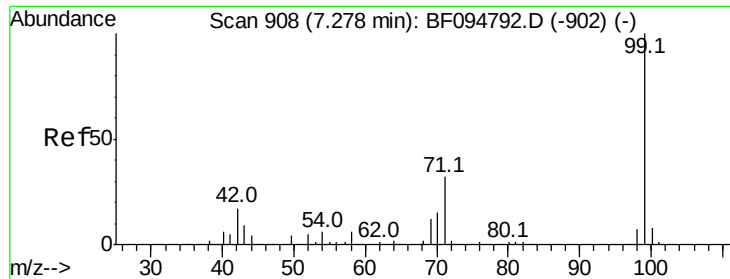
2-Fluorophenol
Concen: 141.99 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.06 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

Tgt Ion:112 Resp: 699585
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 26.4 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: 155.78 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

Instrument :

BNA_F

ClientSampled :

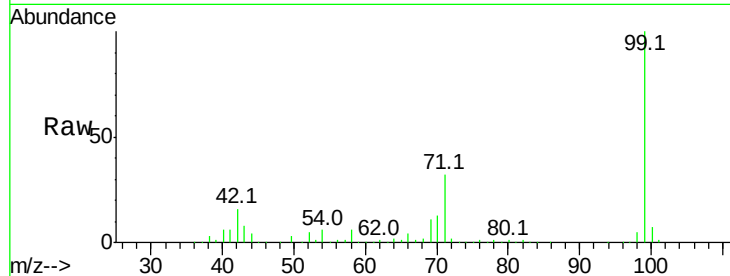
Tot Ion: 99 Resp: 920891

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

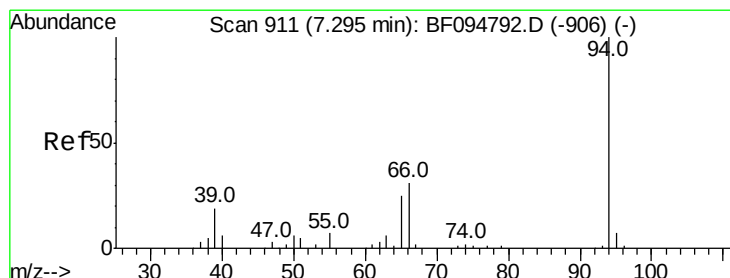
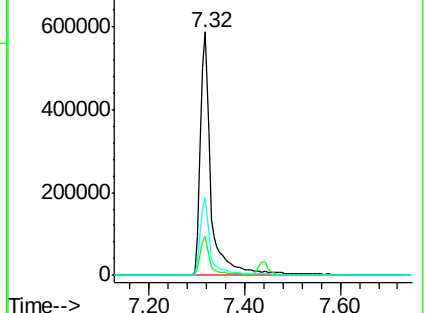
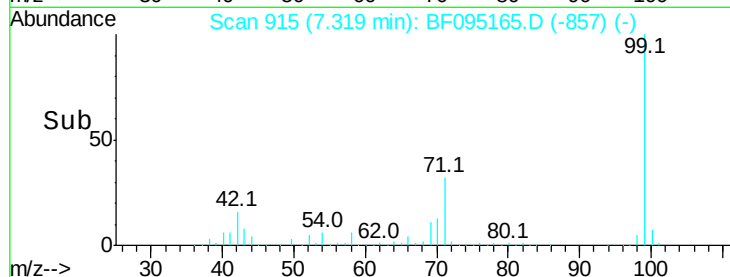
71 31.7 24.5 36.7



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



#10

Phenol

Concen: 4.86 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

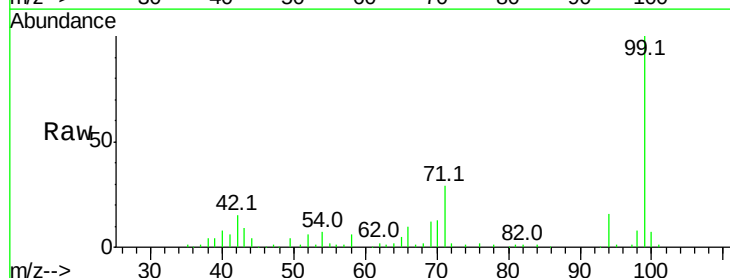
Tgt Ion: 94 Resp: 30304

Ion Ratio Lower Upper

94 100

65 30.2 9.9 49.9

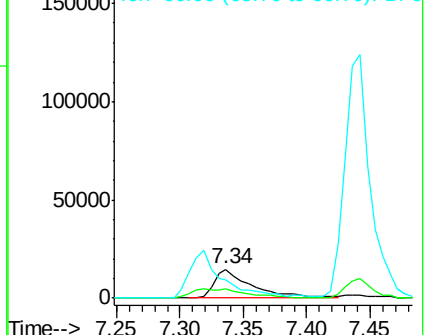
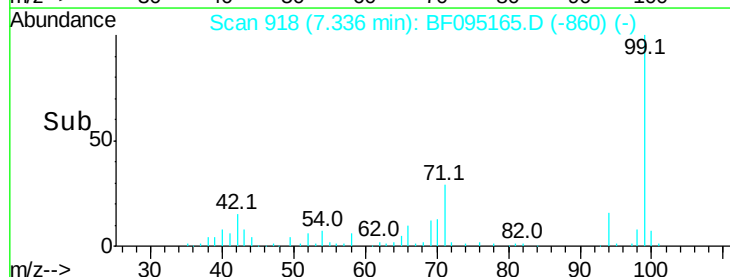
66 61.9 23.1 63.1

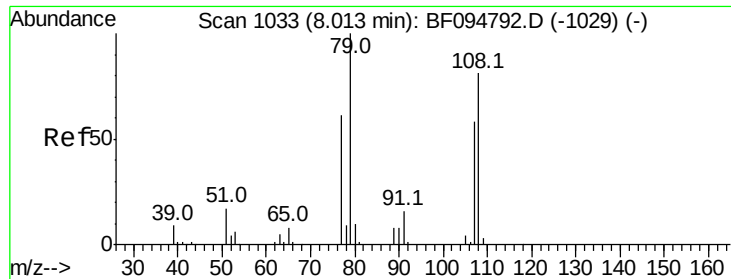


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

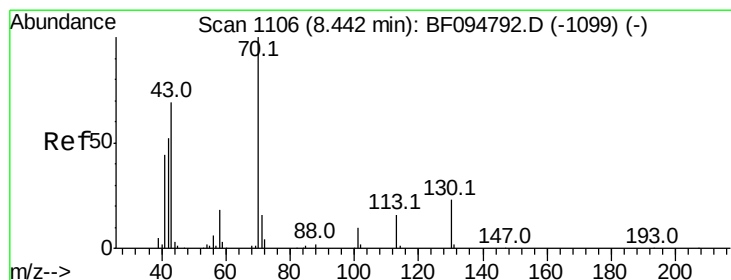
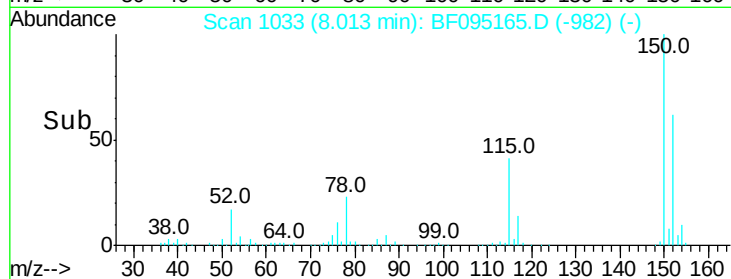
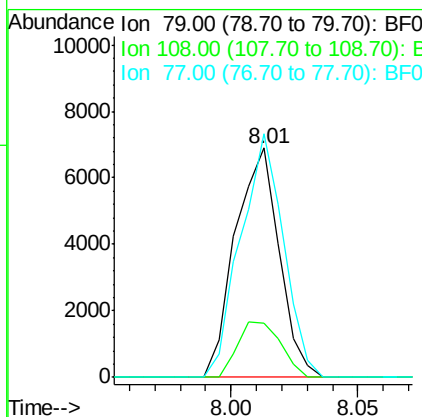
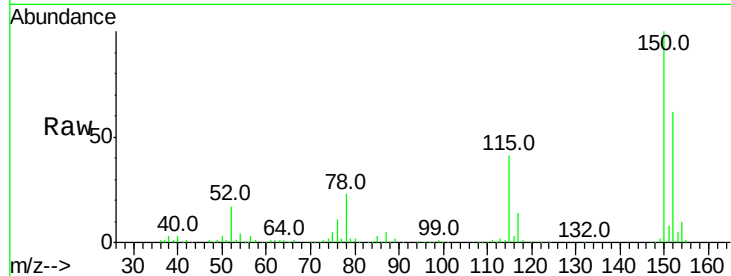




#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 8.01 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

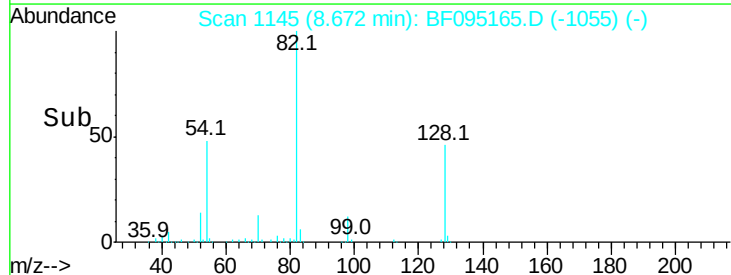
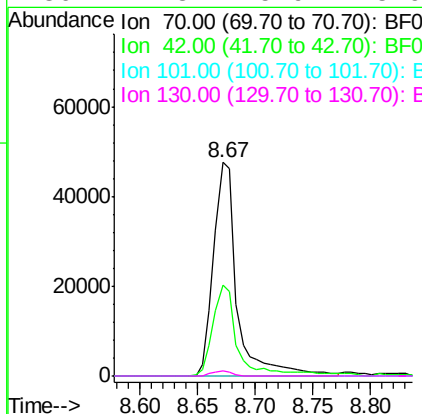
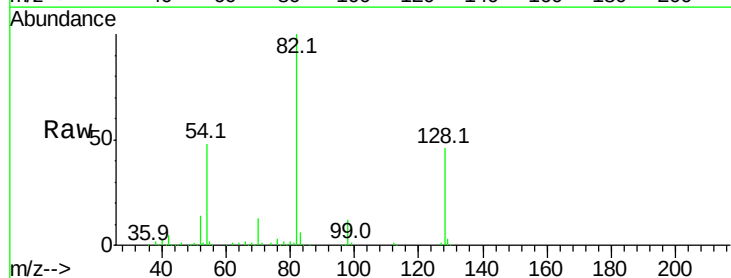
Instrument :
BNA_F
ClientSampled :

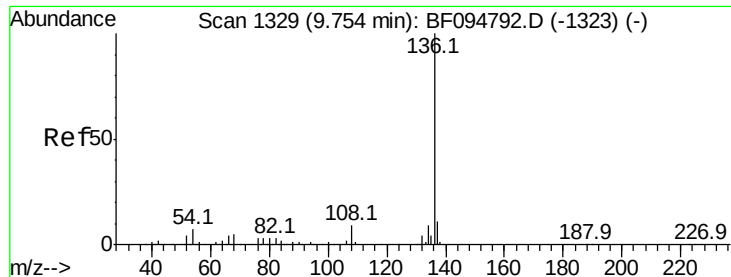
Tot Ion: 79 Resp: 8319
Ion Ratio Lower Upper
79 100
108 23.7 63.4 95.0#
77 106.3 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.94 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.23 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

Tgt Ion: 70 Resp: 67715
Ion Ratio Lower Upper
70 100
42 42.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#

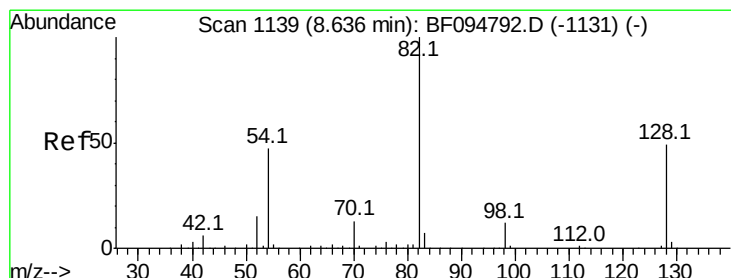
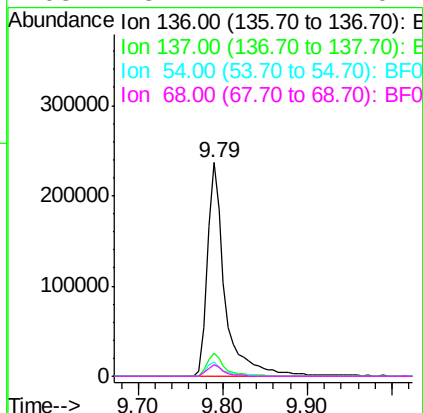
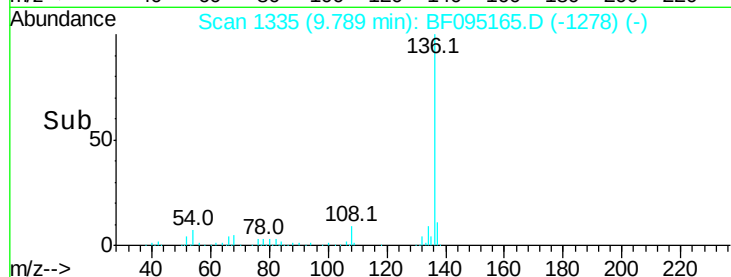
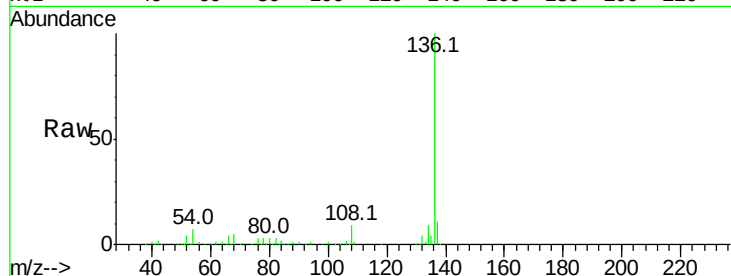




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

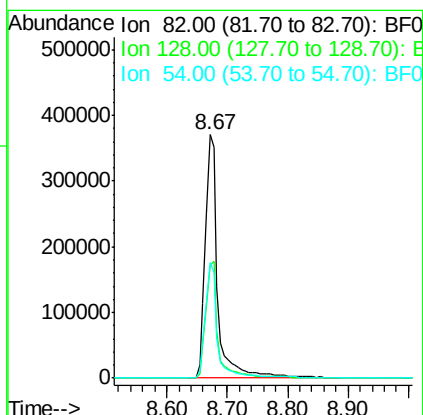
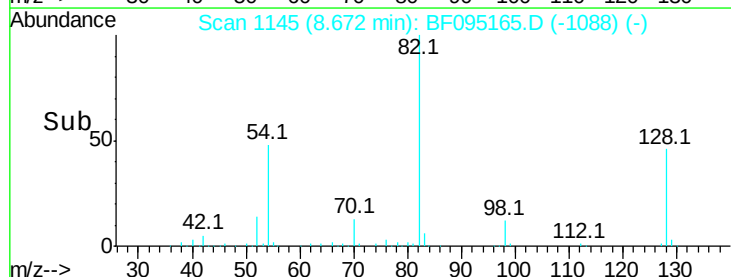
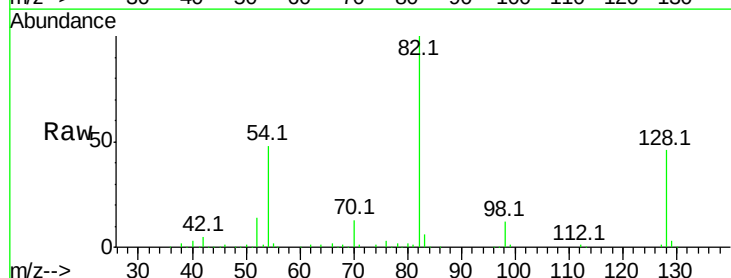
Instrument :
BNA_F
ClientSampleId :

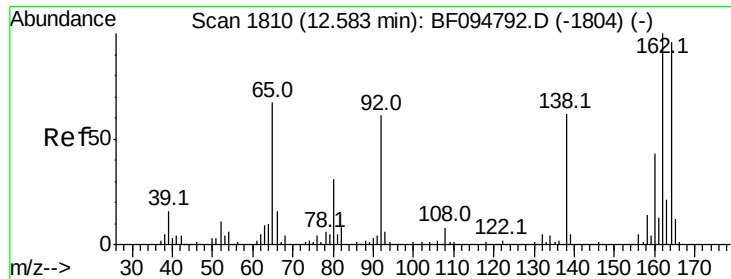
Tot Ion:136	Resp:	346154
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.7	4.9 7.3
68	5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 99.30 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

Tgt Ion: 82	Resp:	545100
Ion Ratio	Lower	Upper
82	100	
128	46.2	34.0 51.0
54	47.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

Instrument :

BNA_F

ClientSampleId :

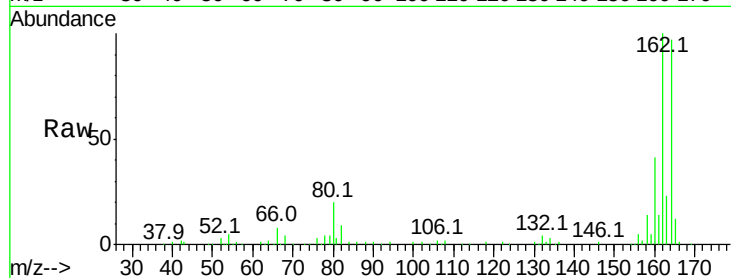
Tot Ion:164 Resp: 192620

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

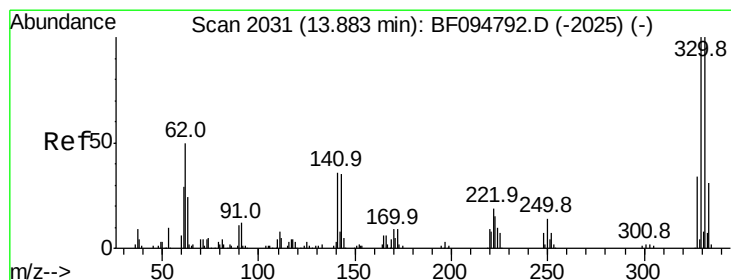
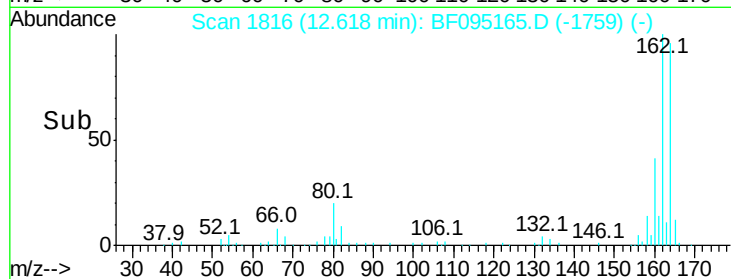
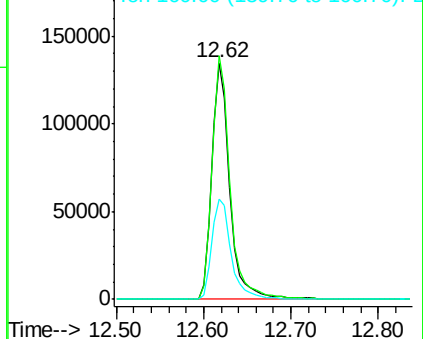
160 42.4 36.2 54.2



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: 155.05 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095165.D

Acq: 16 May 2017 19:58

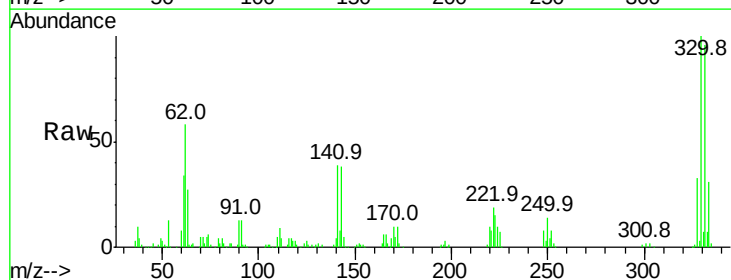
Tgt Ion:330 Resp: 244597

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

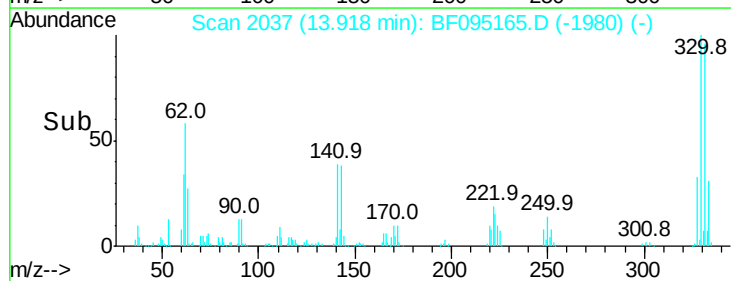
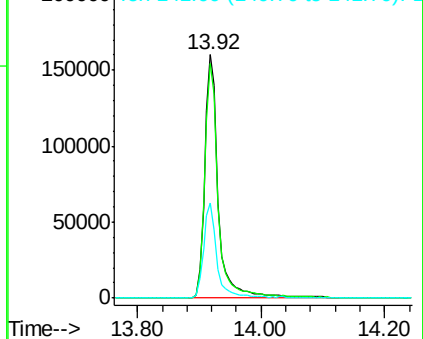
141 39.0 31.4 47.2

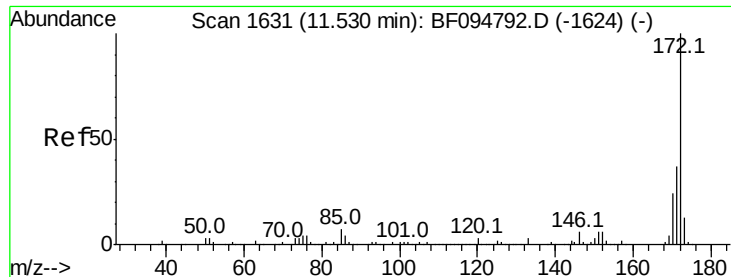


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

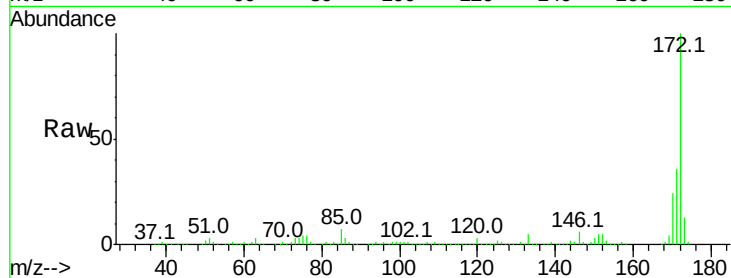




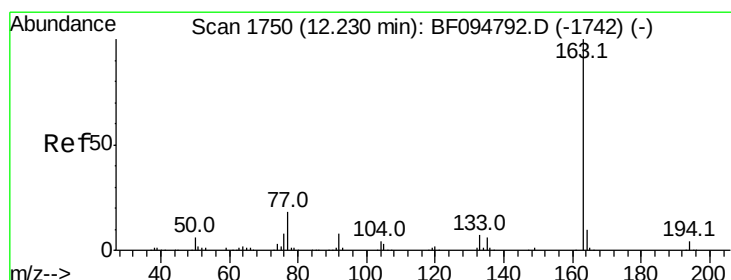
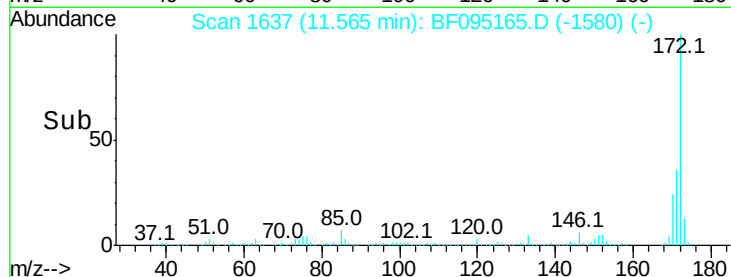
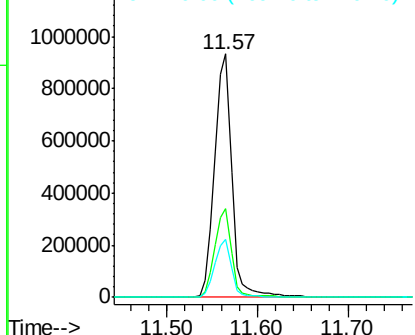
#44
2-Fluorobiphenyl
Concen: 92.45 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1237173
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.1 19.8 29.8

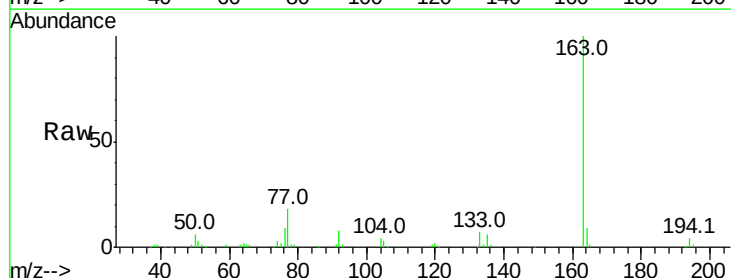


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

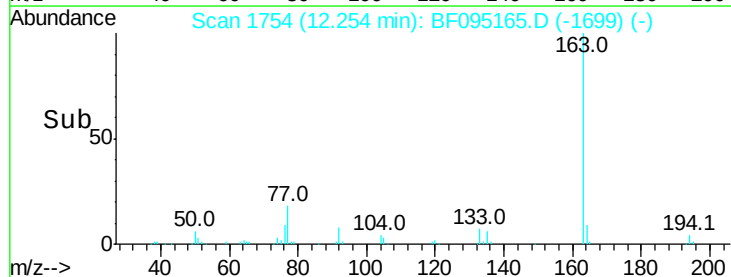
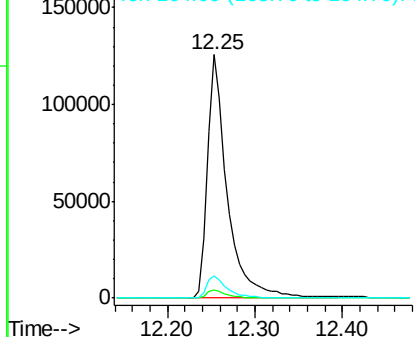


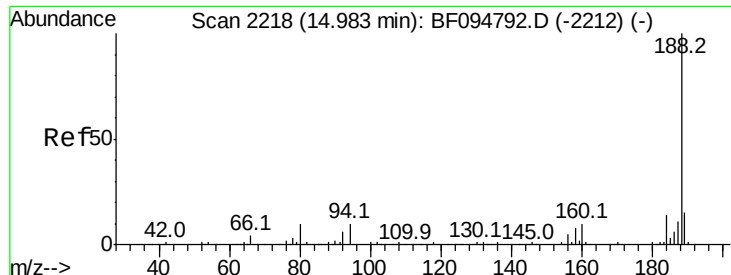
#49
Dimethylphthalate
Concen: 12.54 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095165.D
Acq: 16 May 2017 19:58

Tgt Ion:163 Resp: 198342
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

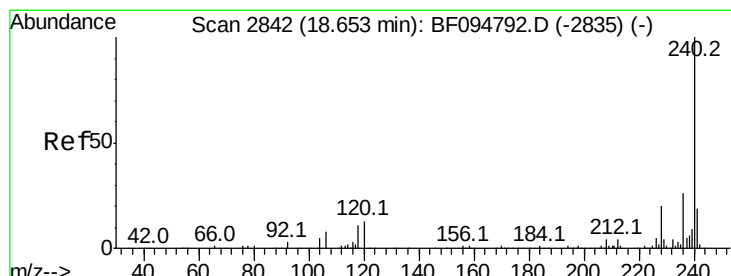
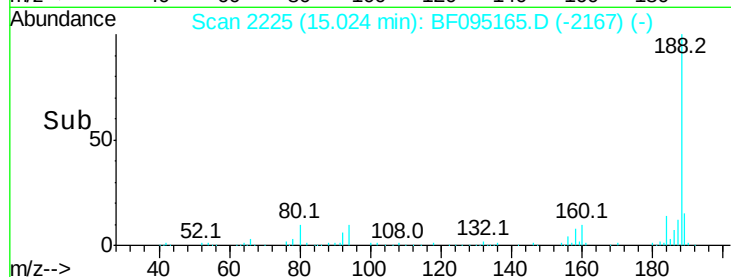
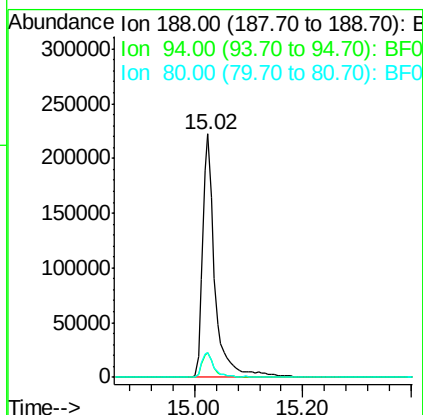
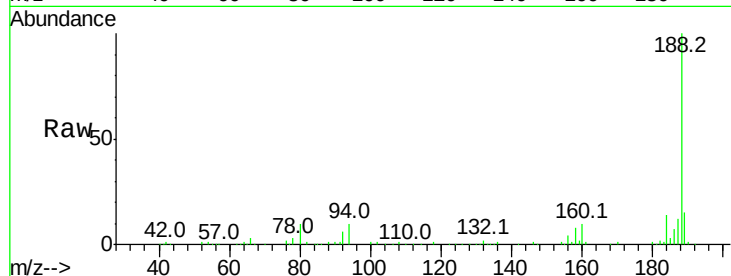




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095165.D
 Acq: 16 May 2017 19:58

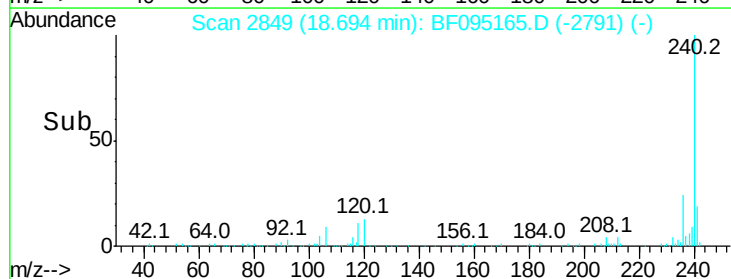
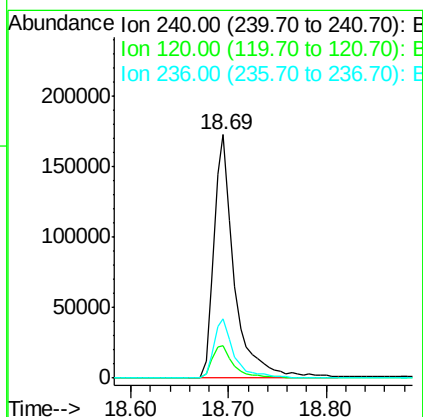
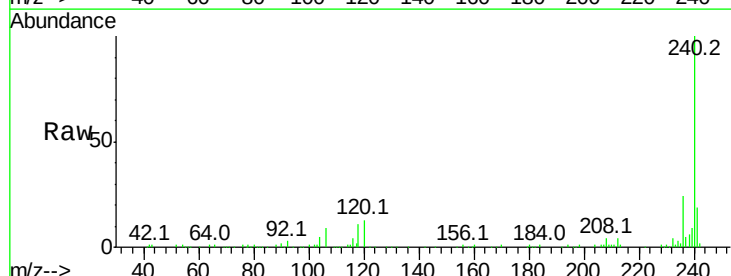
Instrument :
 BNA_F
 ClientSampleId :

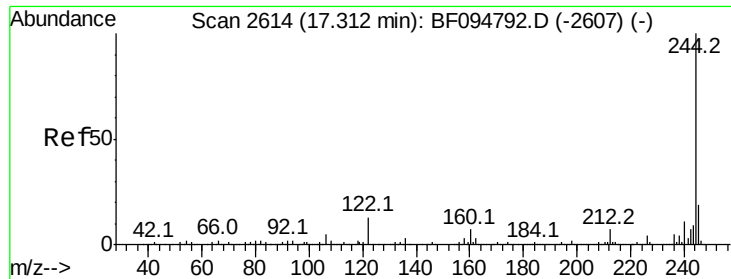
Tot Ion:188 Resp: 351739
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.2 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095165.D
 Acq: 16 May 2017 19:58

Tgt Ion:240 Resp: 251472
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 24.3 20.5 30.7

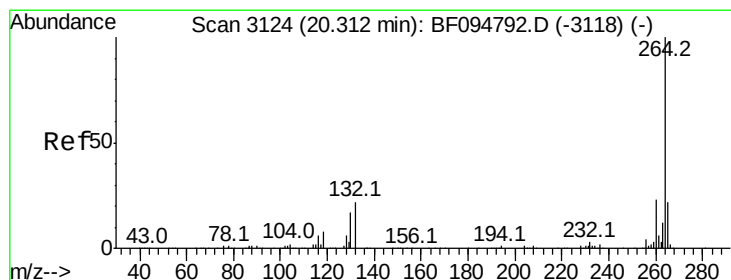
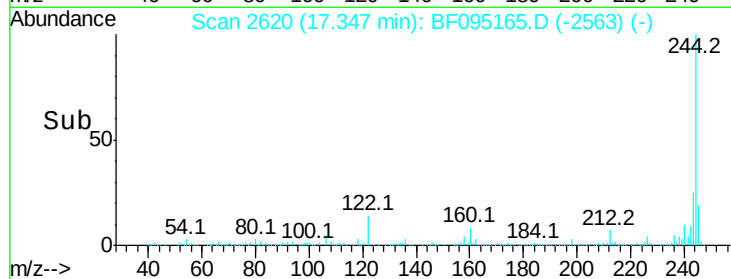
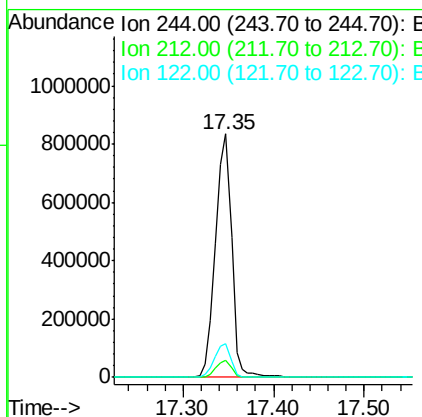
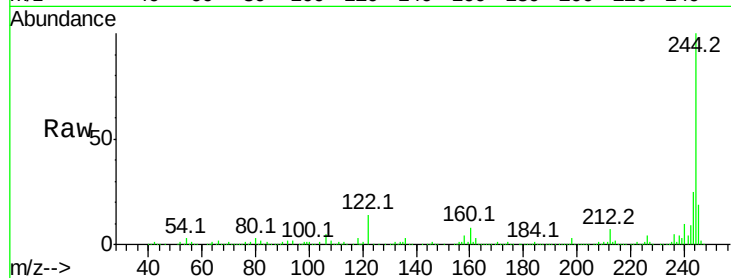




#78
 Terphenyl-d14
 Concen: 91.22 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095165.D
 Acq: 16 May 2017 19:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1041511
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095165.D
 Acq: 16 May 2017 19:58

Tgt Ion:264 Resp: 153115
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.5 29.3
 265 21.4 17.2 25.8

