

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095168.D
 Acq On : 16 May 2017 21:34
 Operator : SJ/MA
 Sample : I3160-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:57:42 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

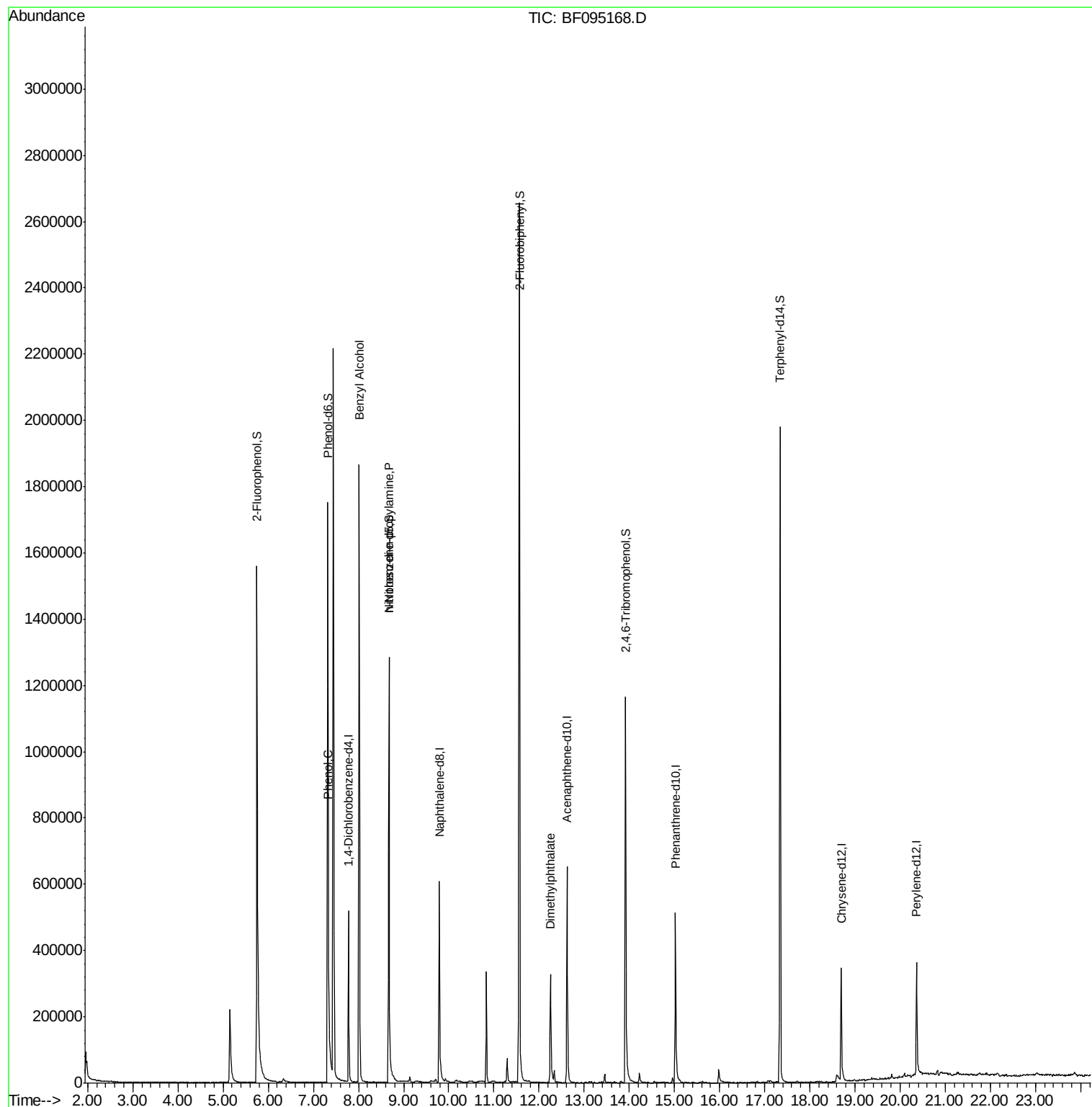
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	111048	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	447933	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	203657	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	323131	20.00	ng	0.04
75) Chrysene-d12	18.69	240	195183	20.00	ng	0.04
86) Perylene-d12	20.36	264	174508	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	889327	133.52	ng	0.07
7) Phenol-d6	7.32	99	1075658	134.60	ng	0.05
23) Nitrobenzene-d5	8.68	82	619855	87.26	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	209126	125.38	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1237498	87.46	ng	0.04
78) Terphenyl-d14	17.34	244	788146	88.94	ng	0.03
Target Compounds						
10) Phenol	7.34	94	24637	2.93	ng	# 73
15) Benzyl Alcohol	8.01	79	10388	2.02	ng	# 44
19) n-Nitroso-di-n-propylamine	8.68	70	78875	14.59	ng	# 76
49) Dimethylphthalate	12.25	163	259172	15.50	ng	98

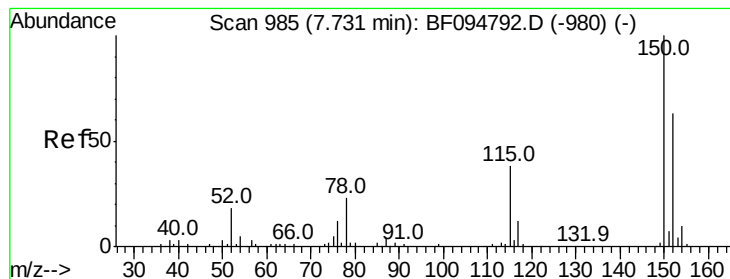
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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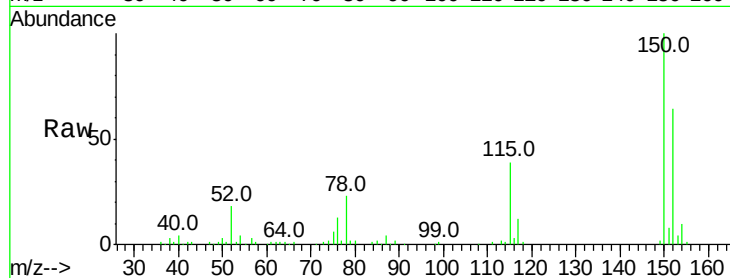


#1

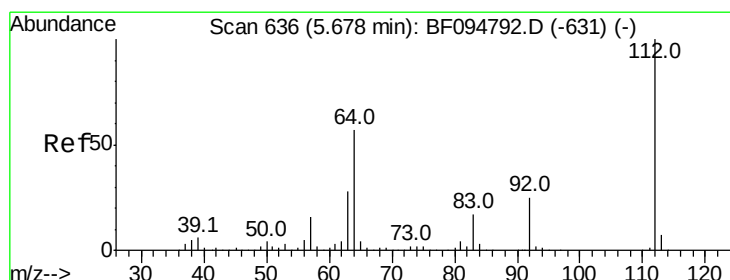
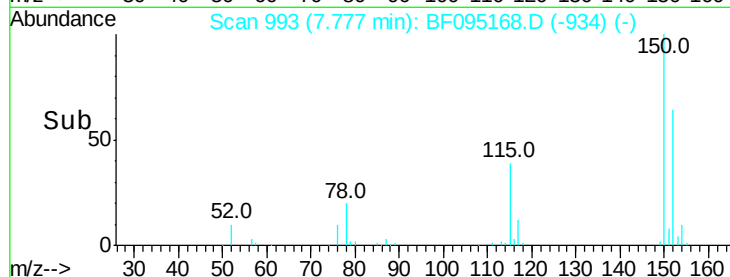
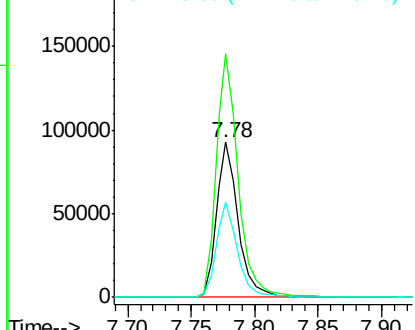
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111048
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.7 52.2 78.2



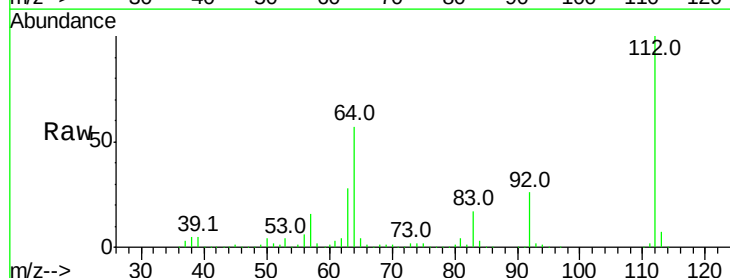
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



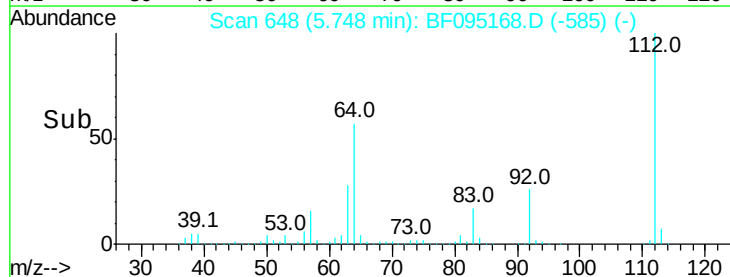
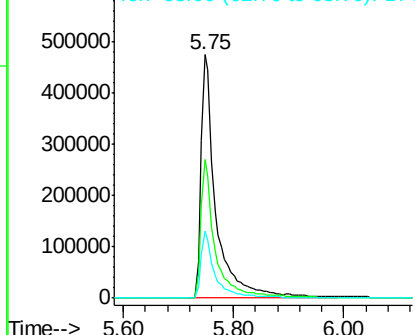
#5

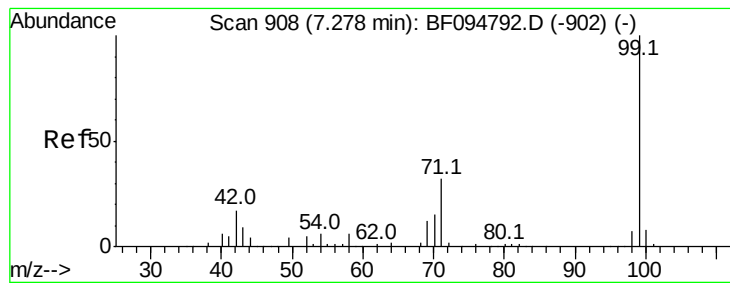
2-Fluorophenol
Concen: 133.52 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

Tgt Ion:112 Resp: 889327
Ion Ratio Lower Upper
112 100
64 57.1 46.0 69.0
63 27.8 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: 134.60 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

Instrument :

BNA_F

ClientSampled :

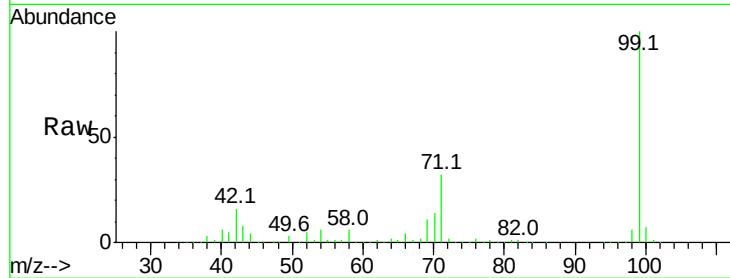
Tot Ion: 99 Resp: 1075658

Ion Ratio Lower Upper

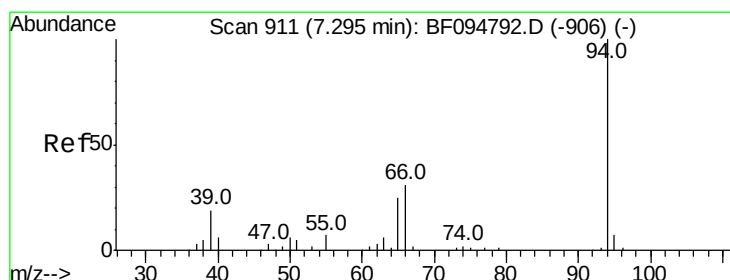
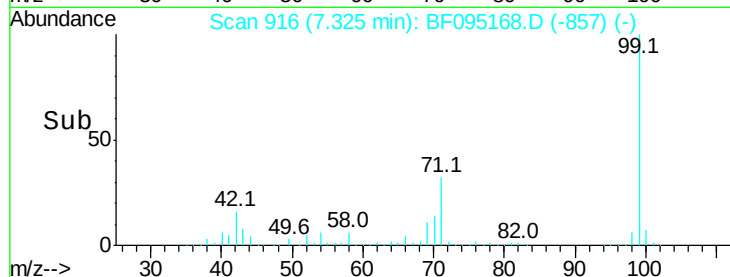
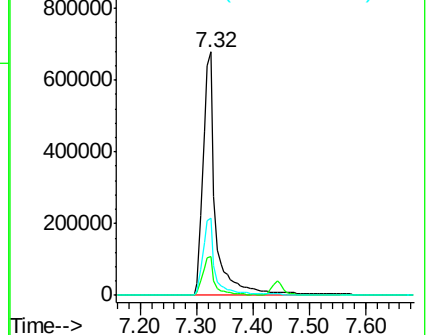
99 100

42 15.8 13.5 20.3

71 32.0 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: 2.93 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

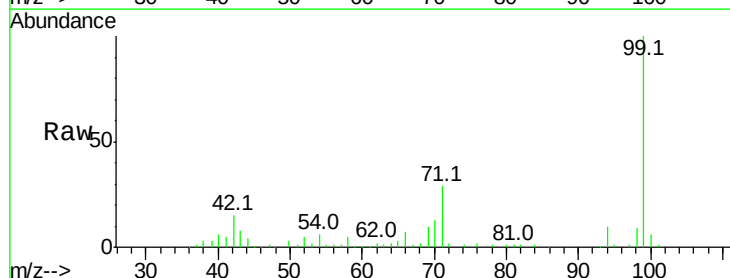
Tgt Ion: 94 Resp: 24637

Ion Ratio Lower Upper

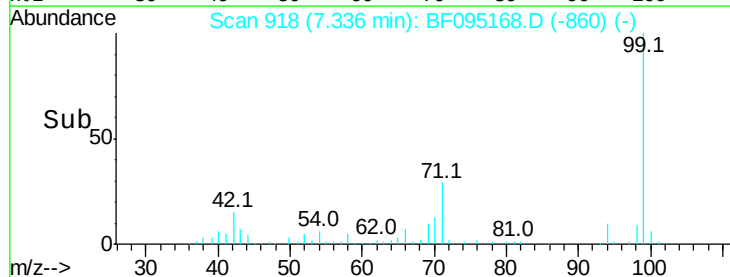
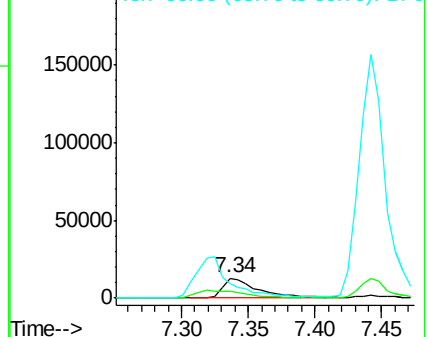
94 100

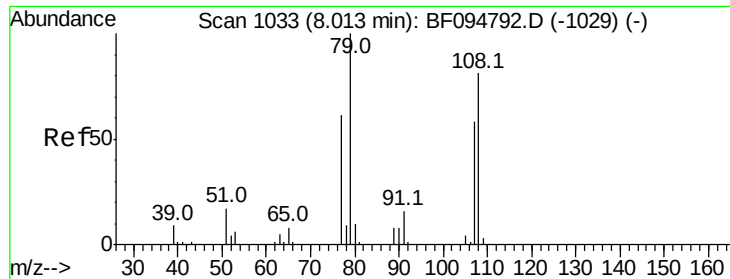
65 31.1 9.9 49.9

66 71.4 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: 2.02 ng

RT: 8.01 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

Instrument :

BNA_F

ClientSampleId :

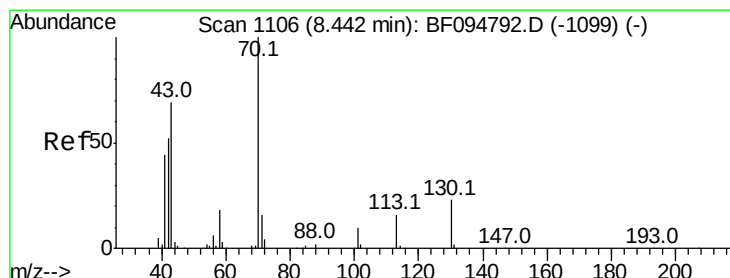
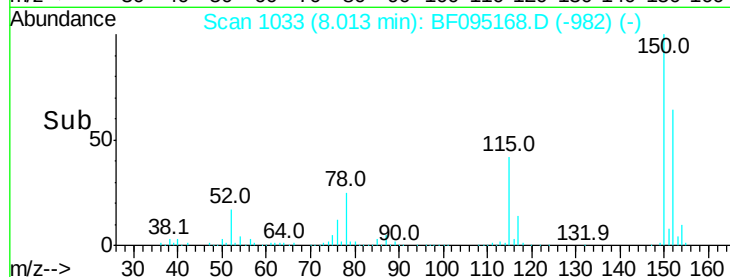
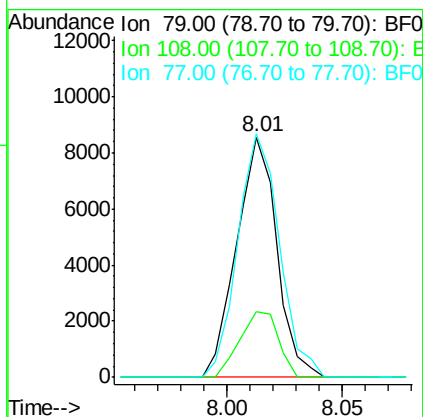
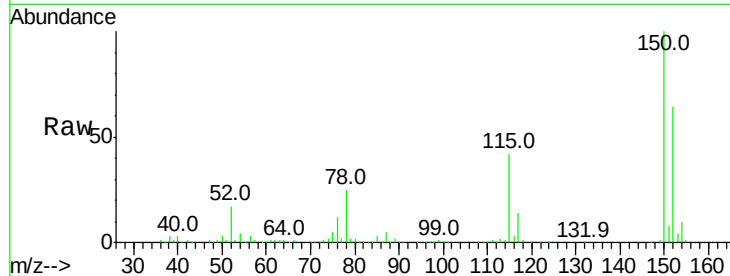
Tot Ion: 79 Resp: 10388

Ion Ratio Lower Upper

79 100

108 27.6 63.4 95.0#

77 101.4 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 14.59 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.24 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

Tgt Ion: 70 Resp: 78875

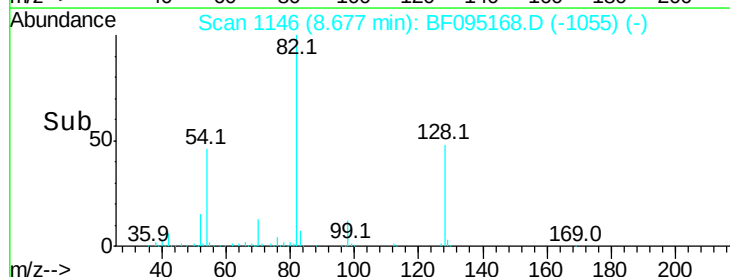
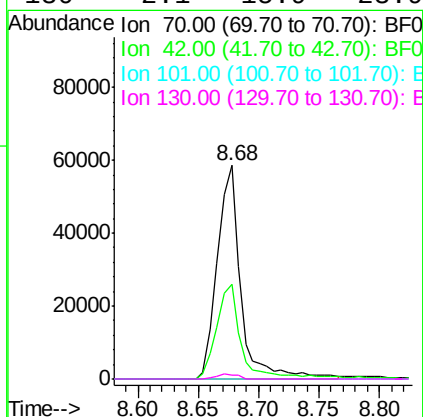
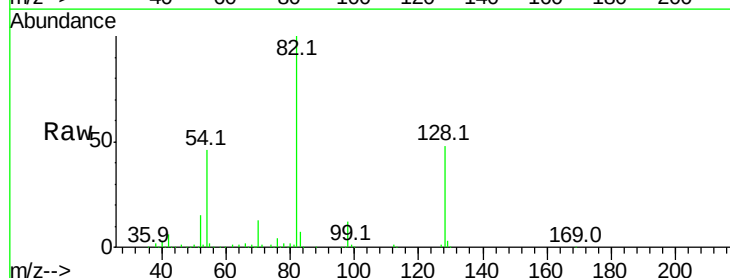
Ion Ratio Lower Upper

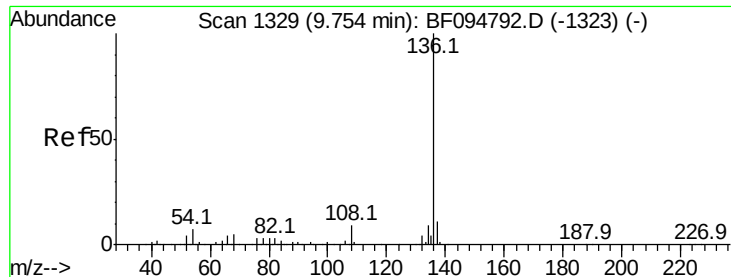
70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

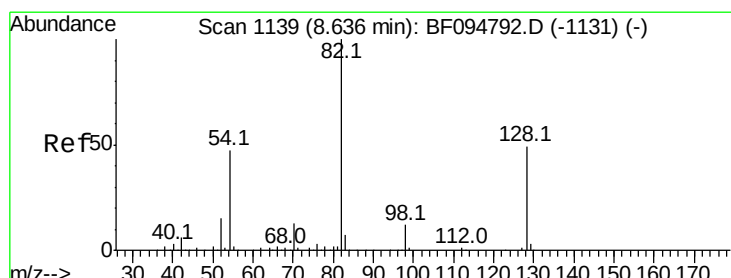
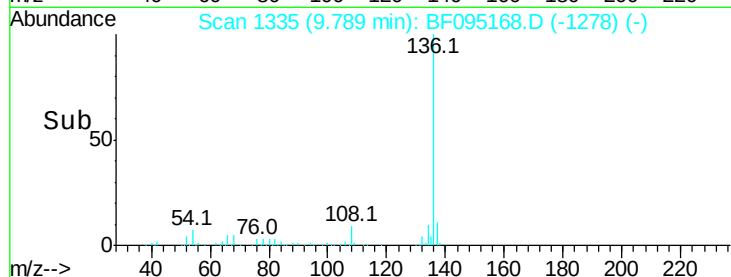
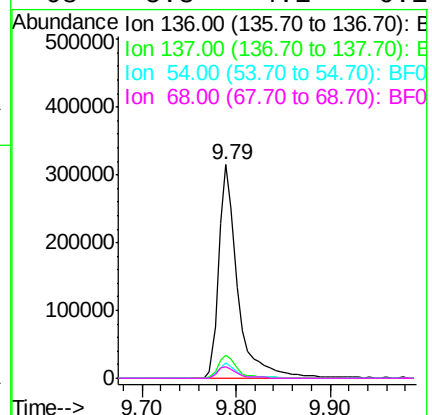
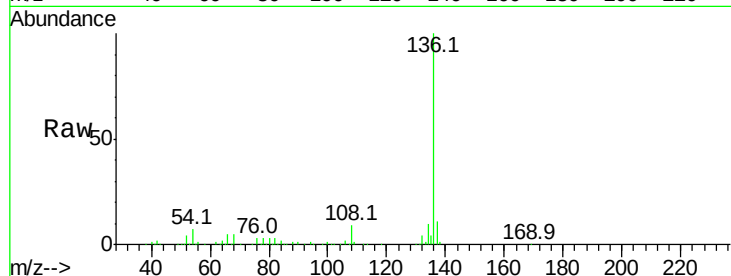




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

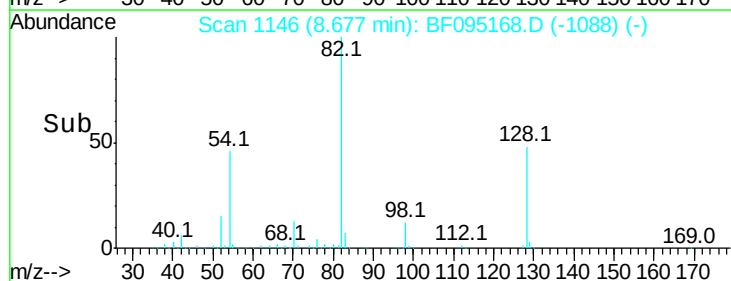
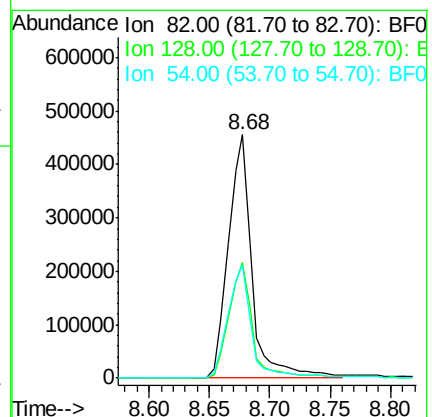
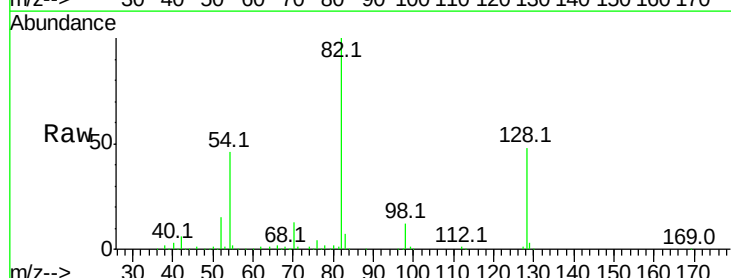
Instrument :
BNA_F
ClientSampled :

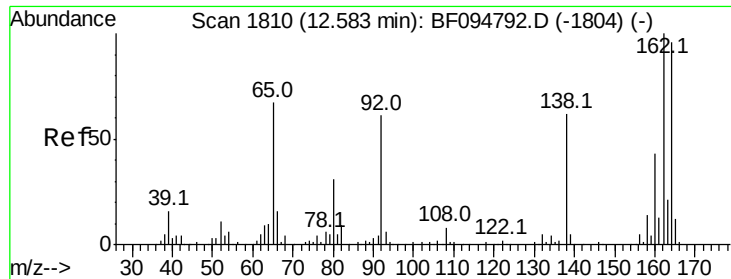
Tot Ion:136	Resp:	447933
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 7.2	4.9	7.3
68 5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 87.26 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.04 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

Tgt Ion: 82	Resp:	619855
Ion Ratio	Lower	Upper
82 100		
128 47.7	34.0	51.0
54 46.4	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: BF095168.D

Acq: 16 May 2017 21:34

Instrument :

BNA_F

ClientSampleId :

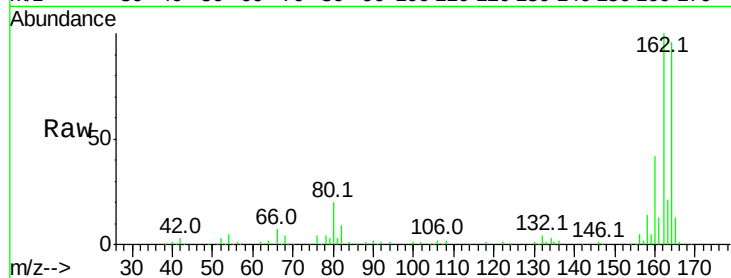
Tot Ion:164 Resp: 203657

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

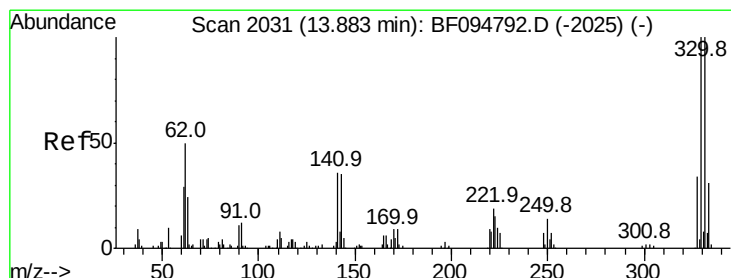
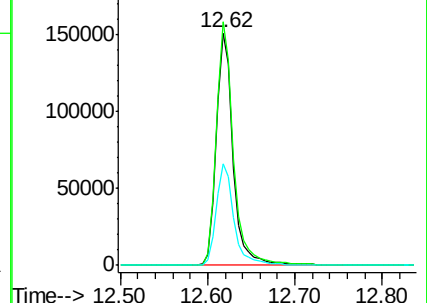
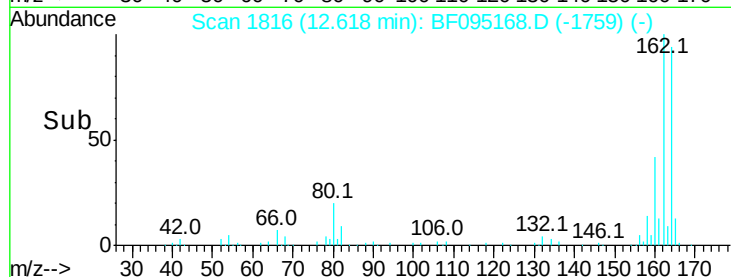
160 43.6 36.2 54.2



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: 125.38 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

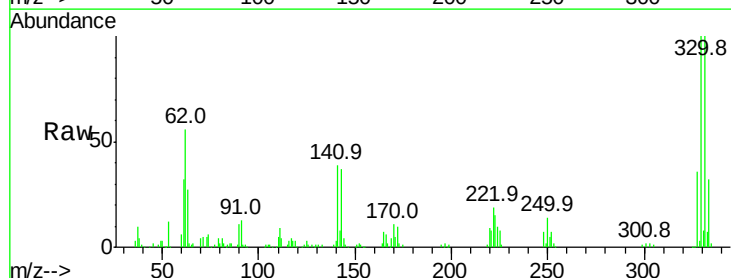
Tgt Ion:330 Resp: 209126

Ion Ratio Lower Upper

330 100

332 99.3 76.6 115.0

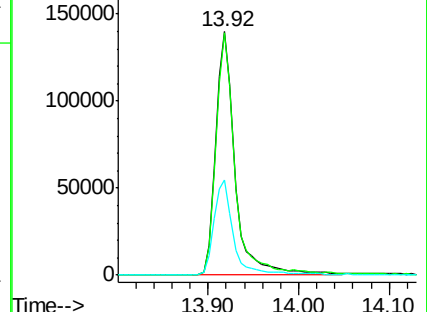
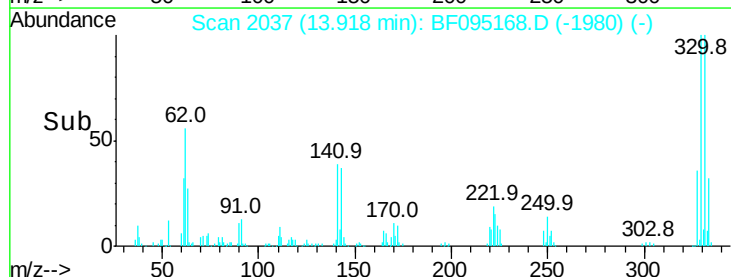
141 39.1 31.4 47.2

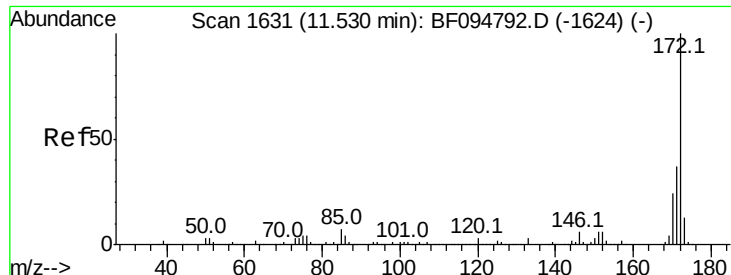


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

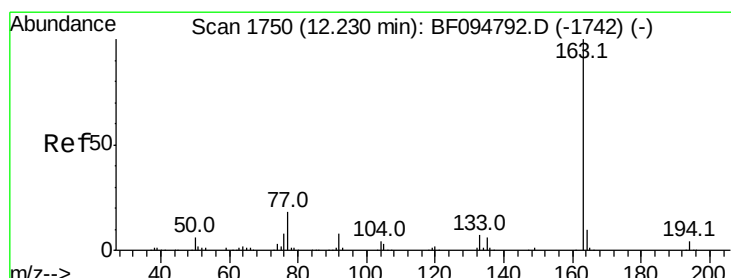
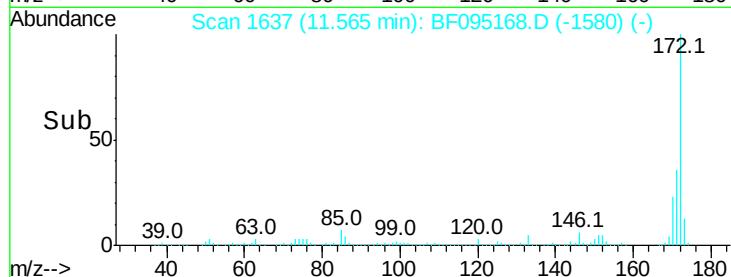
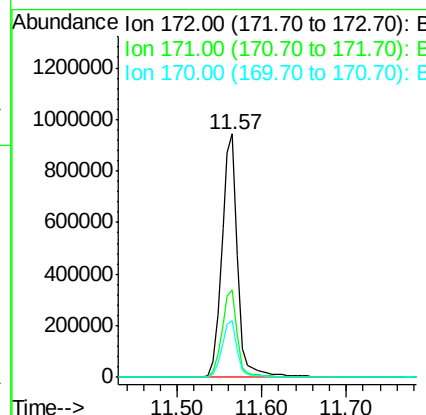
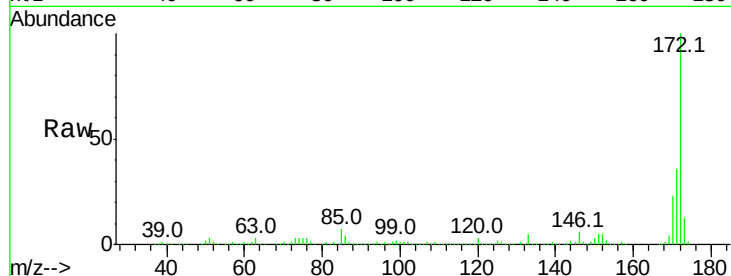




#44
2-Fluorobiphenyl
Concen: 87.46 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

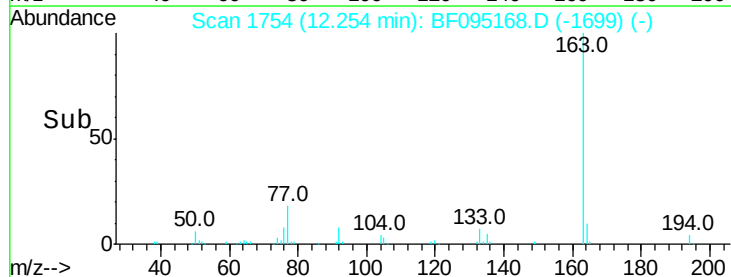
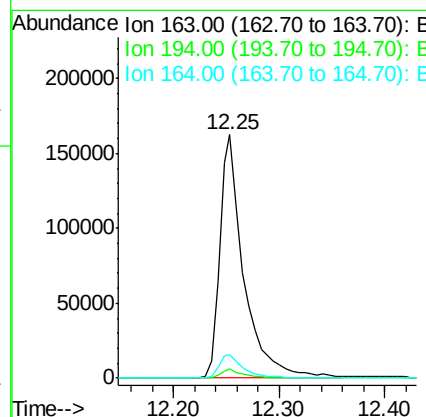
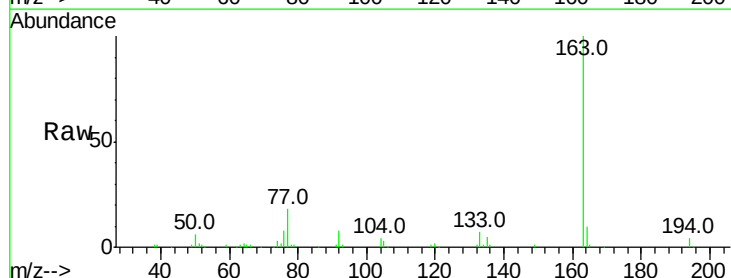
Instrument :
BNA_F
ClientSampleId :

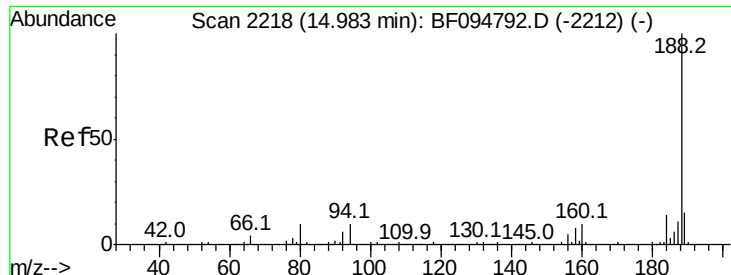
Tot Ion:172 Resp: 1237498
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 15.50 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095168.D
Acq: 16 May 2017 21:34

Tgt Ion:163 Resp: 259172
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.6 8.4 12.6

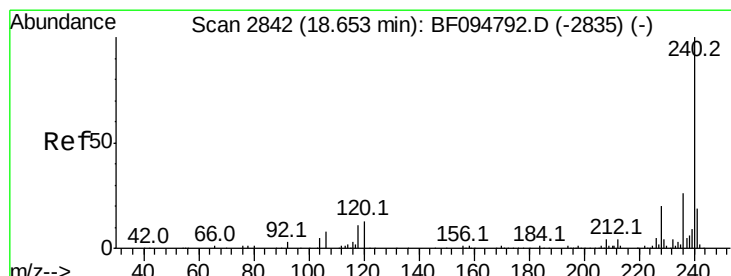
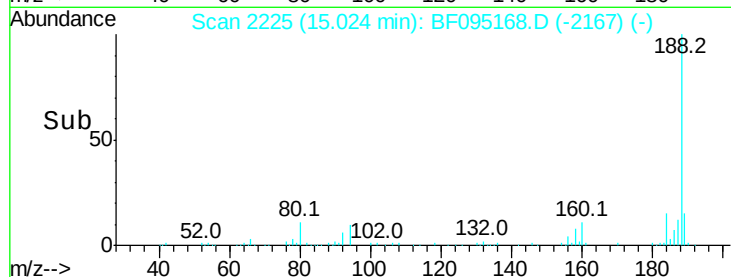
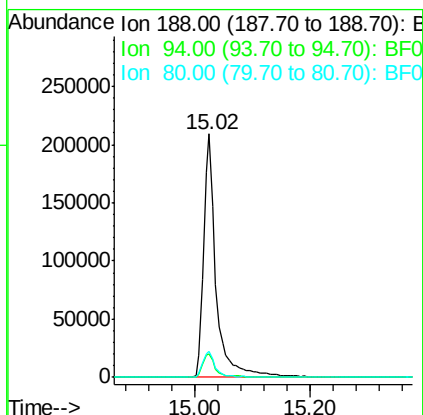
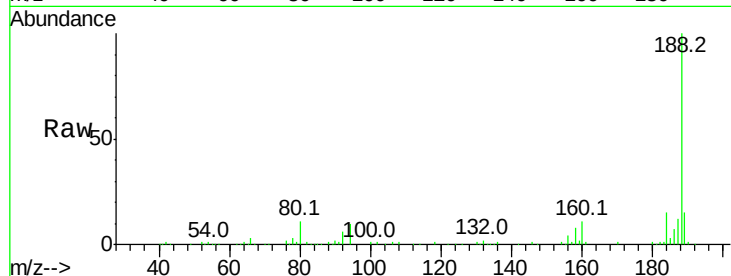




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095168.D
 Acq: 16 May 2017 21:34

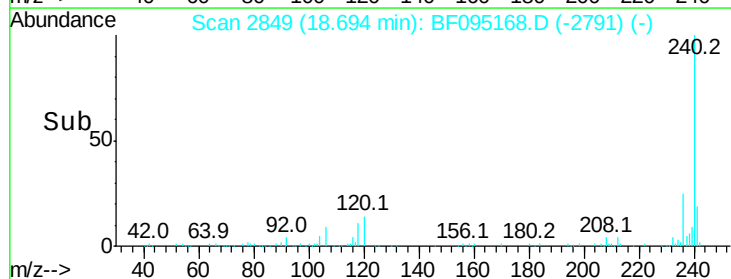
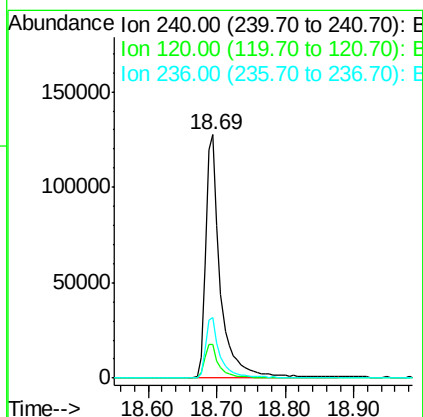
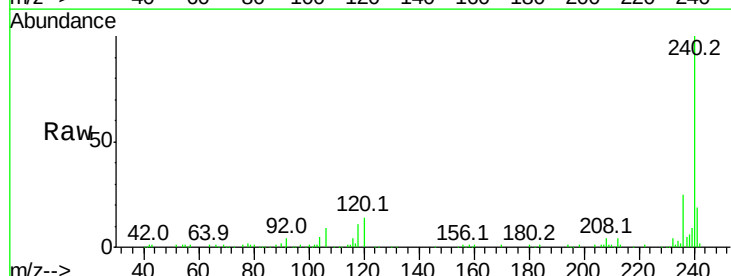
Instrument :
 BNA_F
 ClientSampleID :

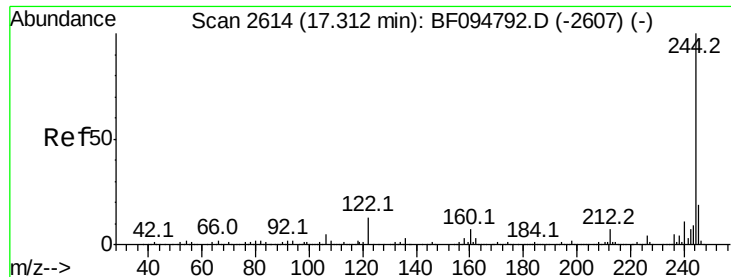
Tot Ion:188 Resp: 323131
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.6 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095168.D
 Acq: 16 May 2017 21:34

Tgt Ion:240 Resp: 195183
 Ion Ratio Lower Upper
 240 100
 120 13.6 5.8 8.8#
 236 24.7 20.5 30.7





#78

Terphenyl-d14

Concen: 88.94 ng

RT: 17.34 min Scan# 2619

Delta R.T. 0.03 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

Instrument :

BNA_F

ClientSampleId :

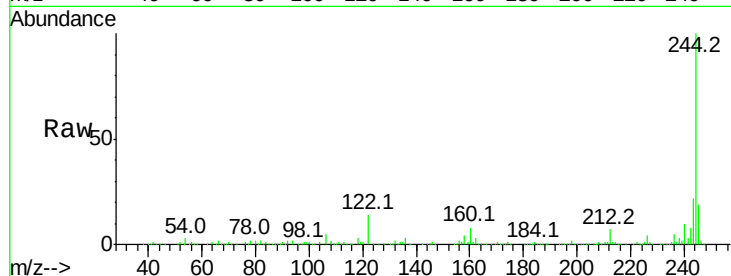
Tot Ion:244 Resp: 788146

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

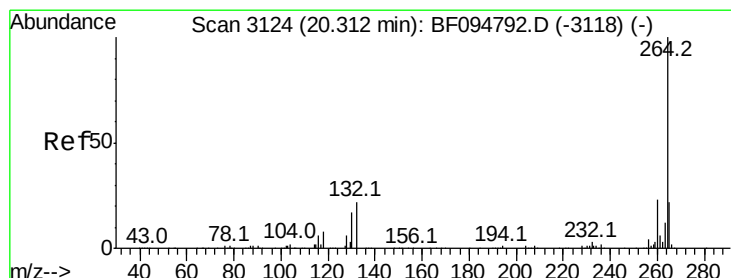
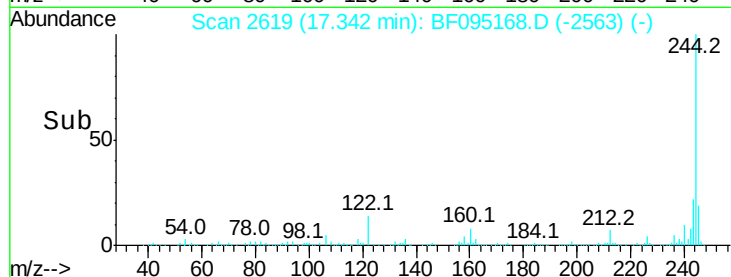
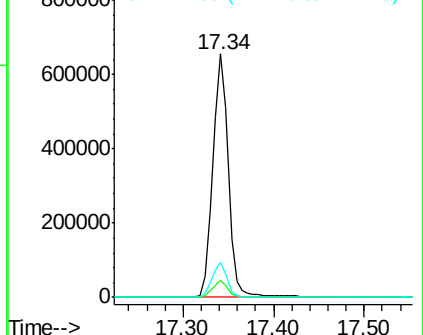
122 14.2 10.3 15.5



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. 0.05 min

Lab File: BF095168.D

Acq: 16 May 2017 21:34

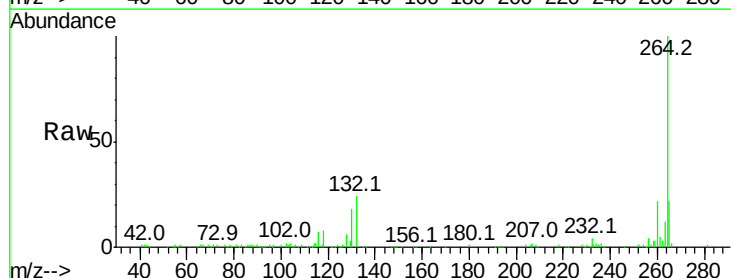
Tgt Ion:264 Resp: 174508

Ion Ratio Lower Upper

264 100

260 21.9 19.5 29.3

265 21.8 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

