

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095316.D
 Acq On : 22 May 2017 16:18
 Operator : SJ/MA
 Sample : I3157-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 23 01:15:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

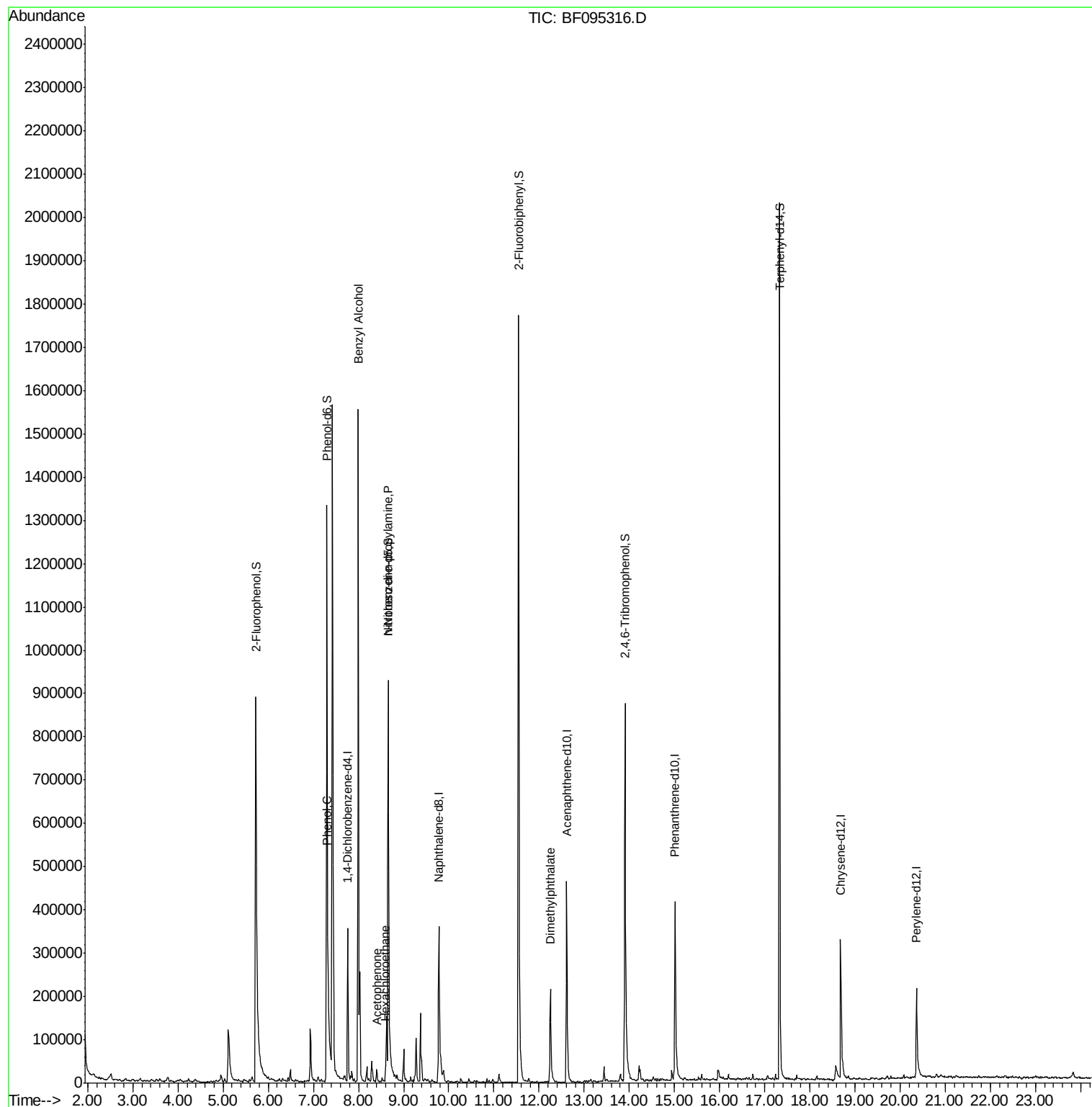
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	79011	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	327782	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	162739	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	297319	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	212129	20.00	ng	-0.01
86) Perylene-d12	20.36	264	144440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	667796	140.91	ng	-0.01
7) Phenol-d6	7.30	99	923119	162.34	ng	-0.01
23) Nitrobenzene-d5	8.66	82	546198	105.08	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	194017	145.57	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	960721	84.97	ng	-0.01
78) Terphenyl-d14	17.33	244	812670	84.38	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	20027	3.34	ng	# 46
15) Benzyl Alcohol	8.00	79	8745	2.39	ng	# 42
18) Hexachloroethane	8.60	117	18440	8.77	ng	# 1
19) n-Nitroso-di-n-propylamine	8.66	70	64880	16.87	ng	# 75
22) Acetophenone	8.40	105	20946	2.66	ng	# 51
49) Dimethylphthalate	12.25	163	185295	13.87	ng	99

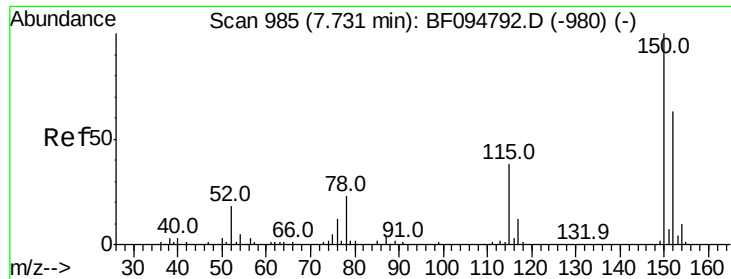
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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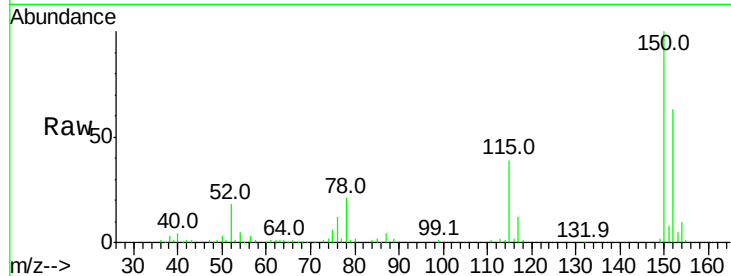


#1

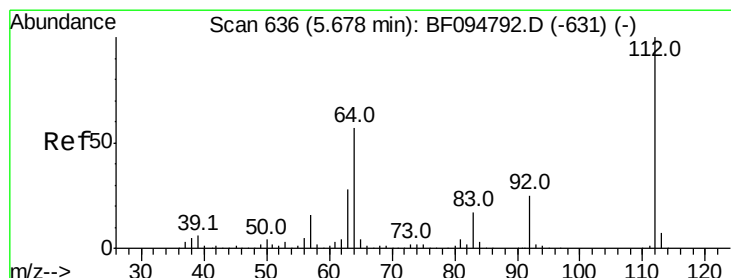
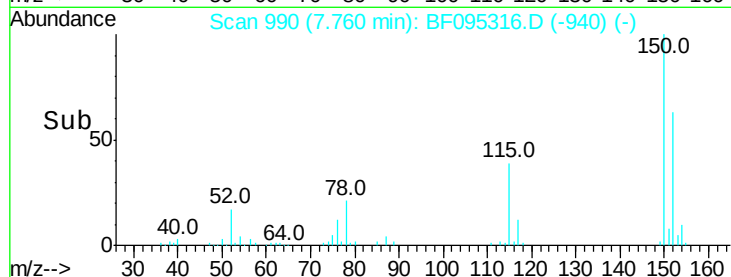
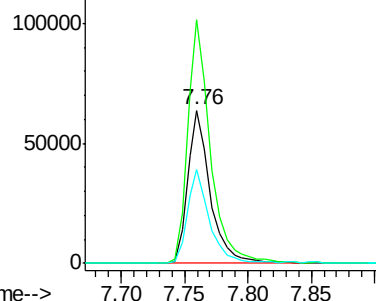
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095316.D
Acq: 22 May 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79011
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 61.7 52.2 78.2



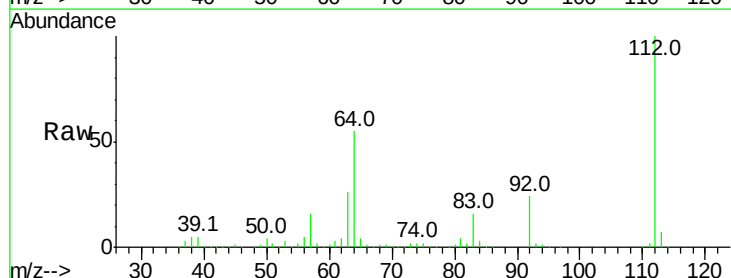
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



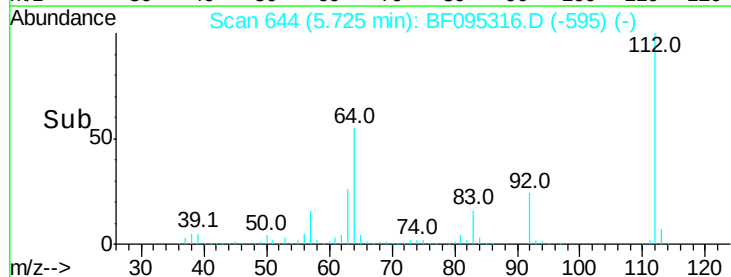
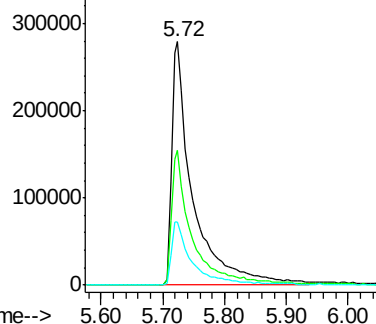
#5

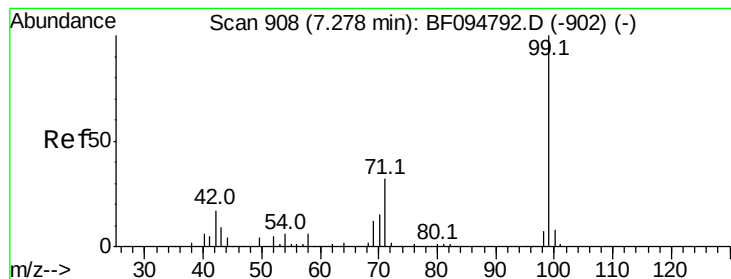
2-Fluorophenol
Concen: 140.91 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095316.D
Acq: 22 May 2017 16:18

Tgt Ion:112 Resp: 667796
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 25.8 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: 162.34 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

Instrument :

BNA_F

ClientSampleId :

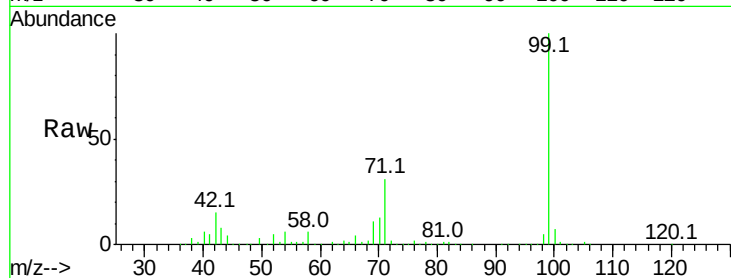
Tot Ion: 99 Resp: 923119

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

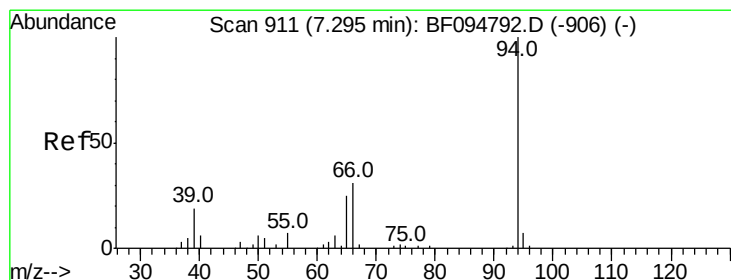
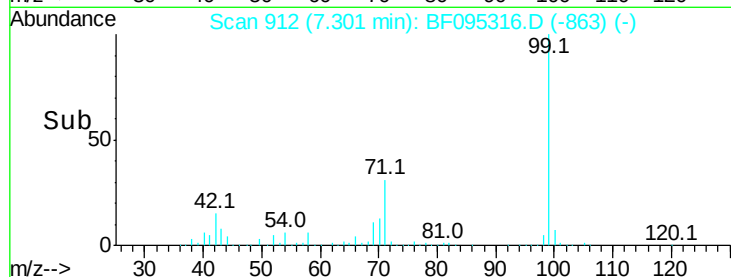
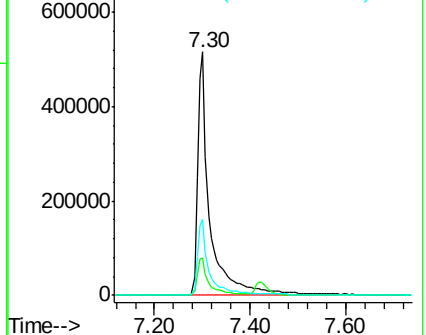
71 31.4 24.5 36.7



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: 3.34 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

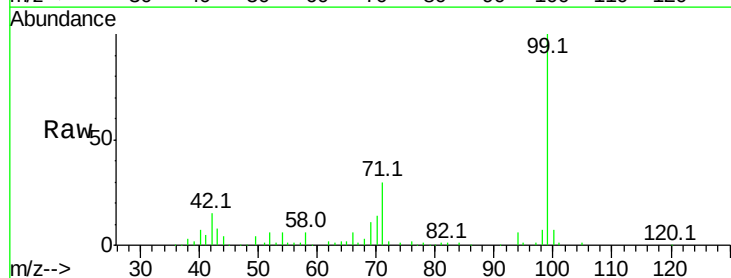
Tgt Ion: 94 Resp: 20027

Ion Ratio Lower Upper

94 100

65 37.1 9.9 49.9

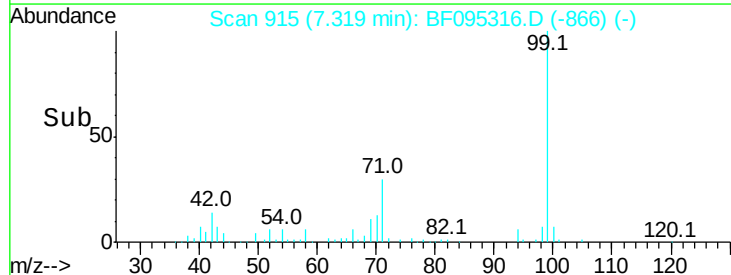
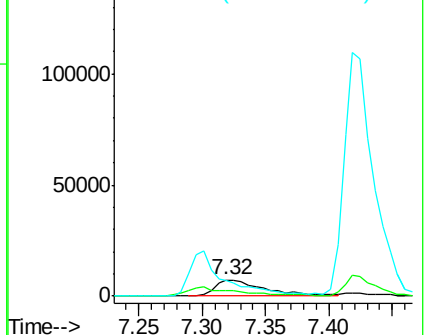
66 95.5 23.1 63.1#

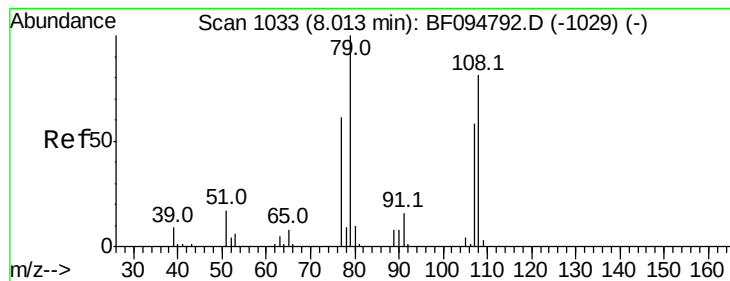


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

Instrument :

BNA_F

ClientSampleId :

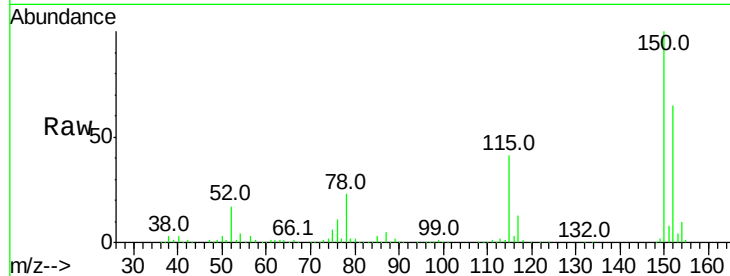
Tot Ion: 79 Resp: 8745

Ion Ratio Lower Upper

79 100

108 29.1 63.4 95.0#

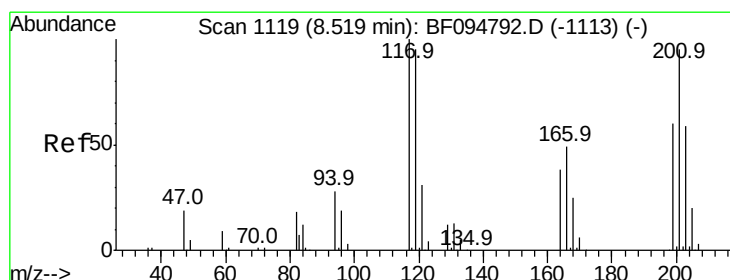
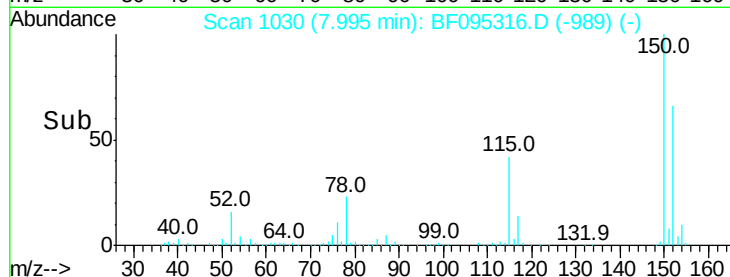
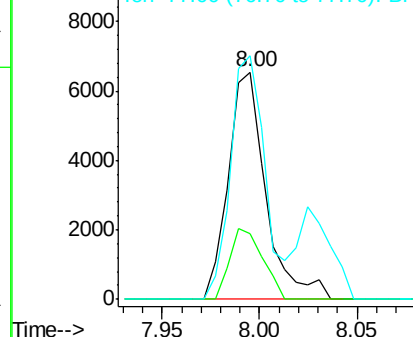
77 107.2 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 8.77 ng

RT: 8.60 min Scan# 1133

Delta R.T. 0.06 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

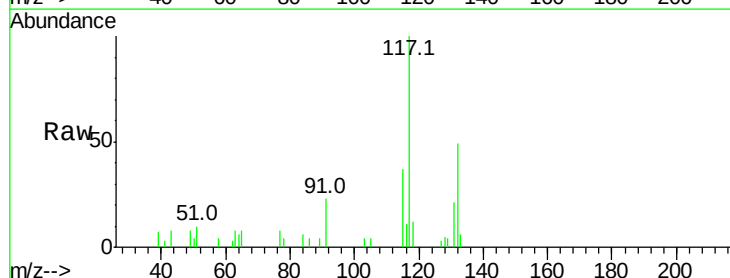
Tgt Ion: 117 Resp: 18440

Ion Ratio Lower Upper

117 100

119 0.0 77.4 116.0#

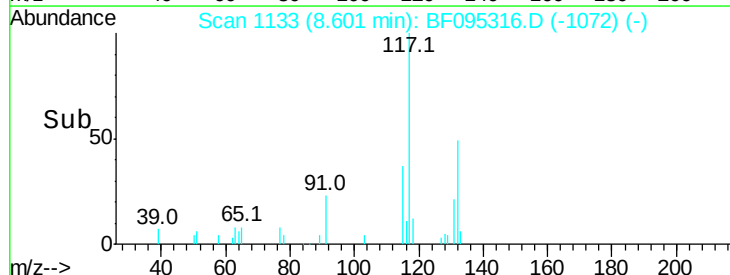
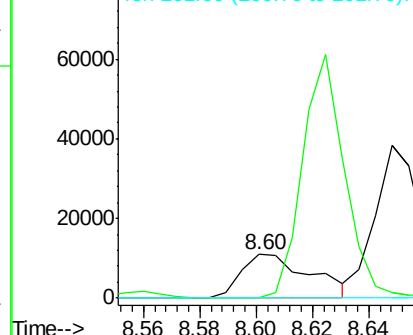
201 0.0 94.6 141.8#

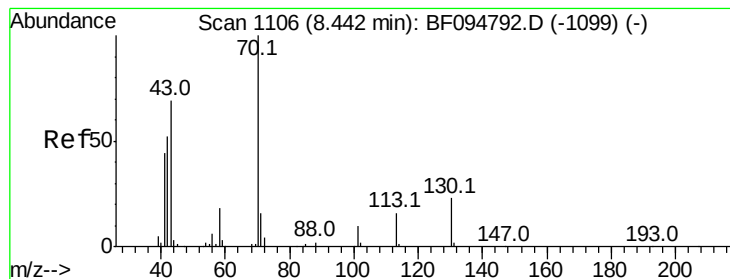


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.87 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 64880

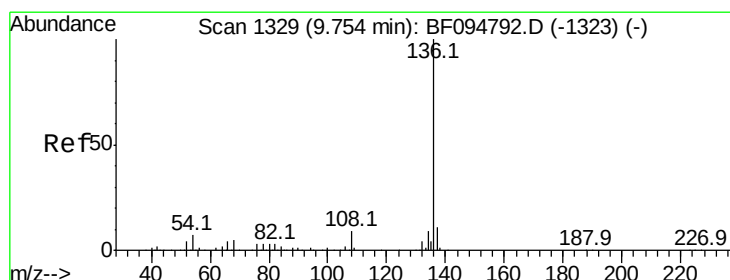
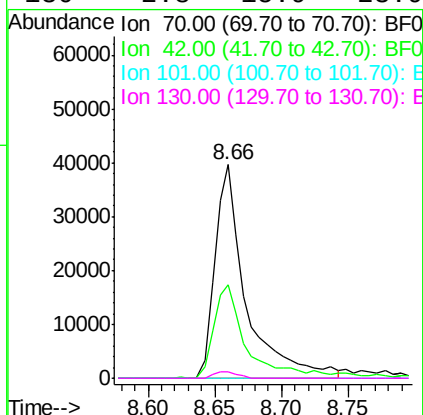
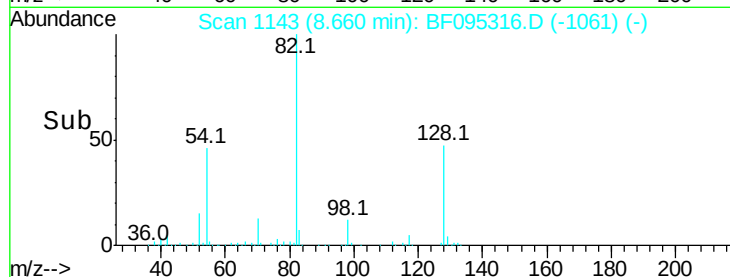
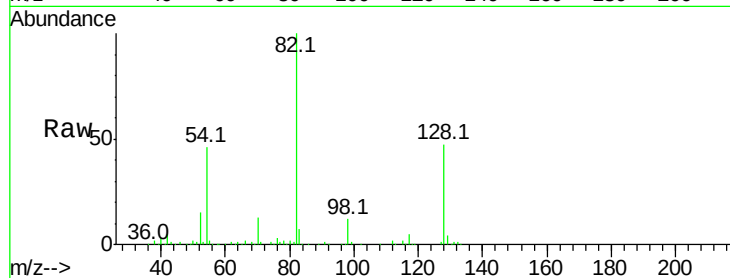
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

Tgt Ion: 136 Resp: 327782

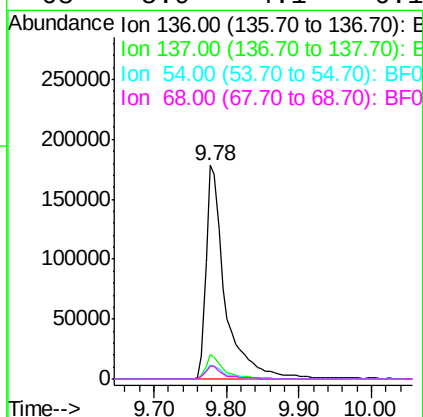
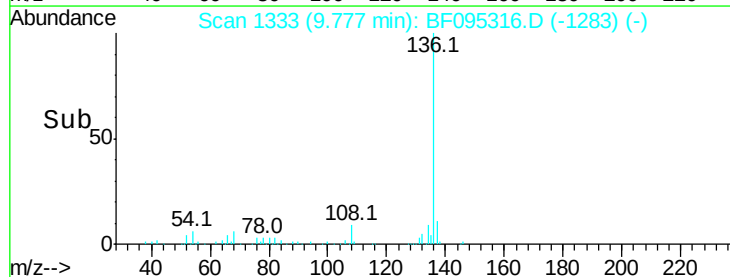
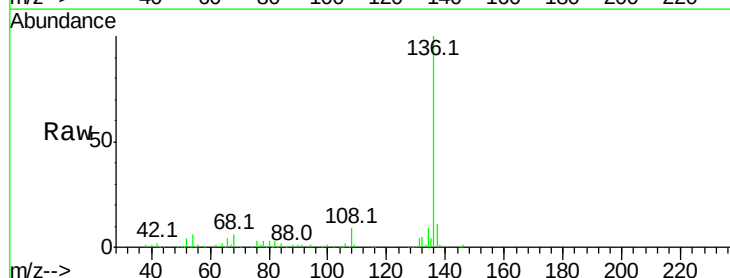
Ion Ratio Lower Upper

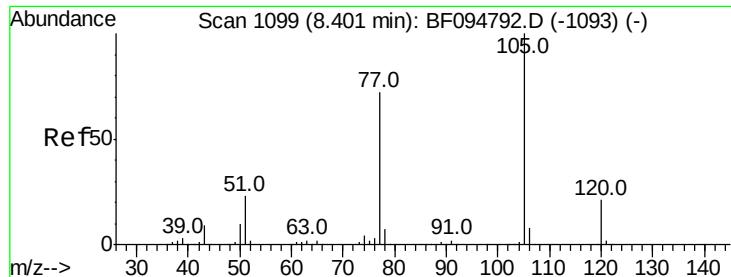
136 100

137 11.3 8.5 12.7

54 6.5 4.9 7.3

68 5.9 4.1 6.1





#22

Acetophenone

Concen: 2.66 ng

RT: 8.40 min Scan# 1099

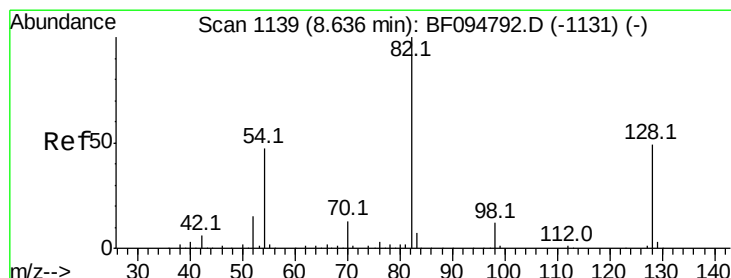
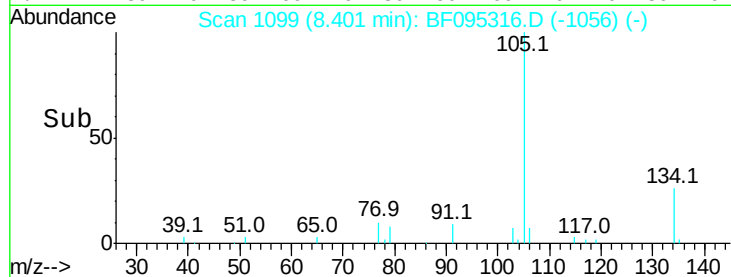
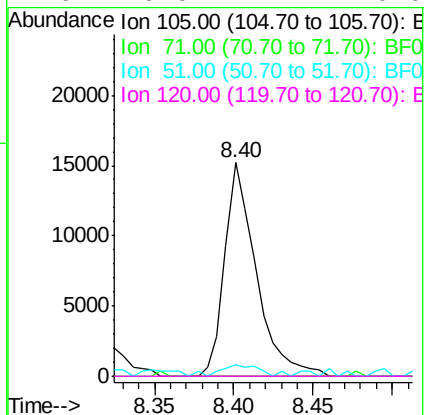
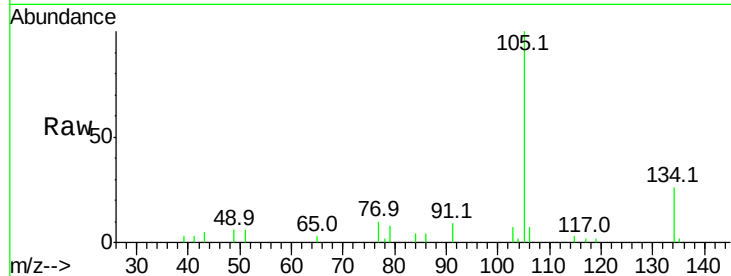
Delta R.T. -0.05 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	105	Resp:	20946
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.8	4.2#
51	5.6	30.7	46.1#
120	0.0	17.4	26.0#



#23

Nitrobenzene-d5

Concen: 105.08 ng

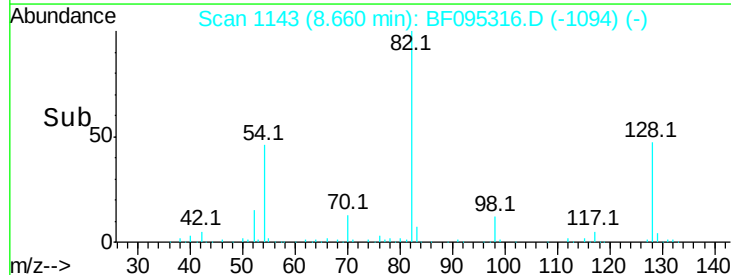
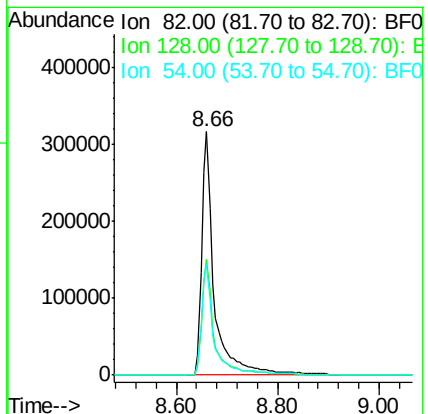
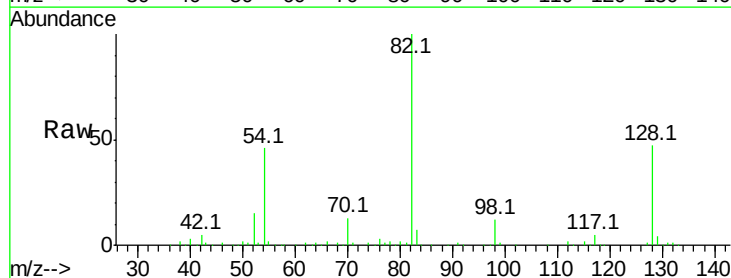
RT: 8.66 min Scan# 1143

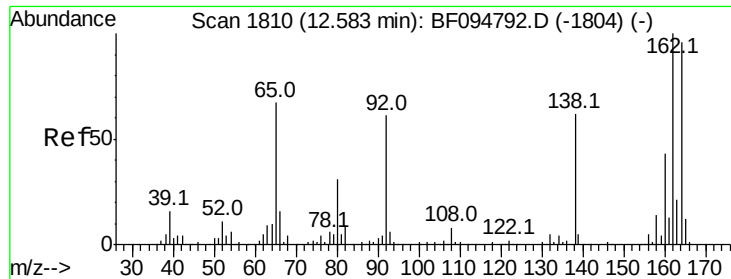
Delta R.T. -0.01 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

Tgt Ion:	82	Resp:	546198
Ion Ratio	Lower	Upper	
82	100		
128	47.3	34.0	51.0
54	45.6	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

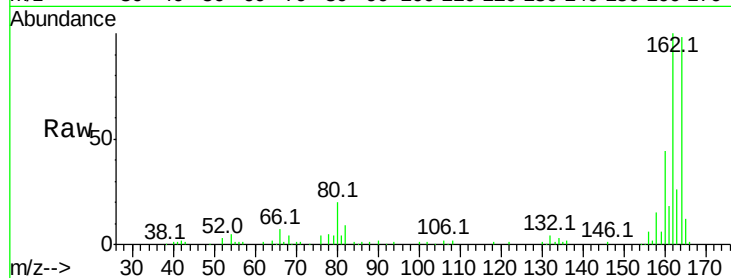
Lab File: BF095316.D

Acq: 22 May 2017 16:18

Instrument :

BNA_F

ClientSampleId :



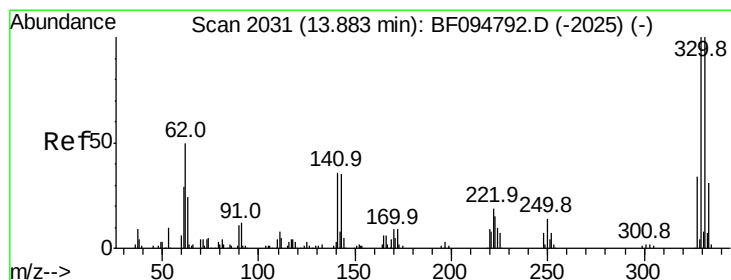
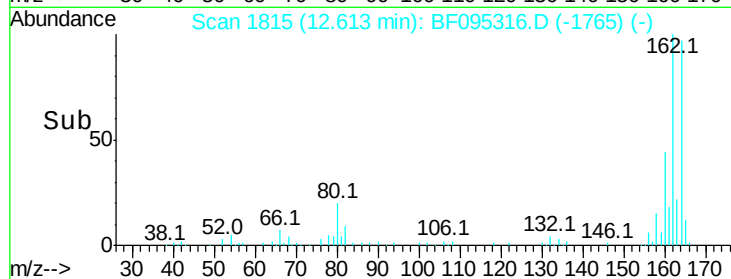
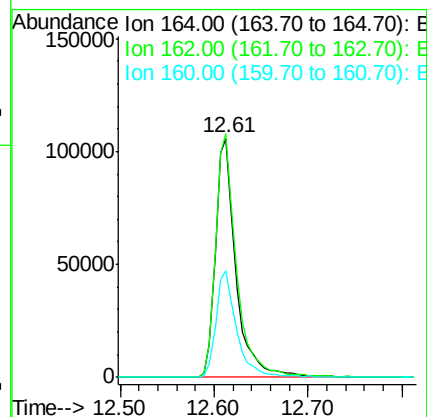
Tot Ion:164 Resp: 162739

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

160 44.7 36.2 54.2



#41

2,4,6-Tribromophenol

Concen: 145.57 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

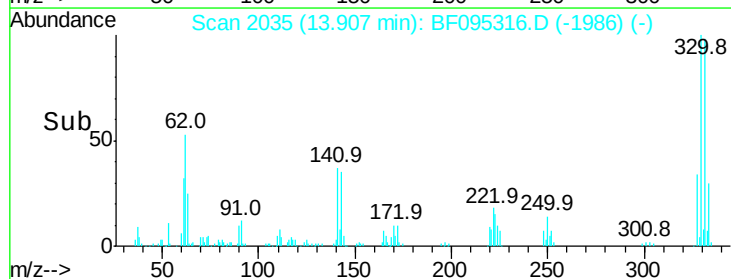
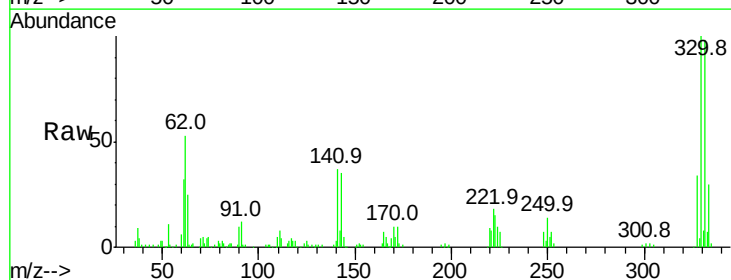
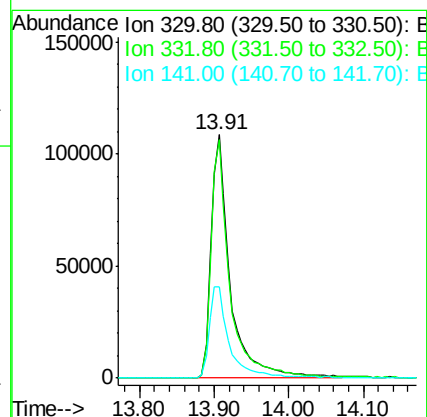
Tgt Ion:330 Resp: 194017

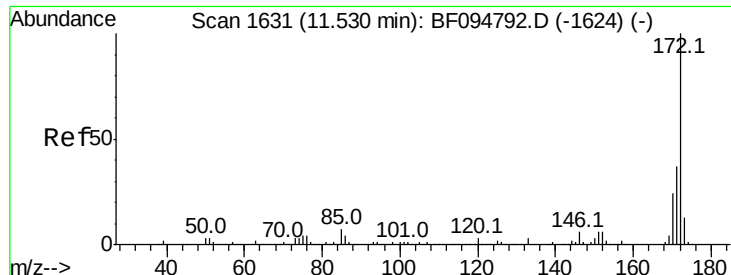
Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 38.9 31.4 47.2

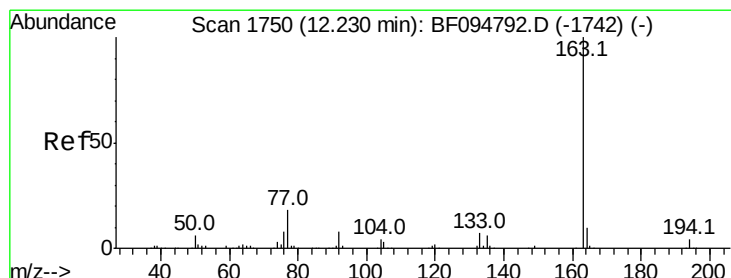
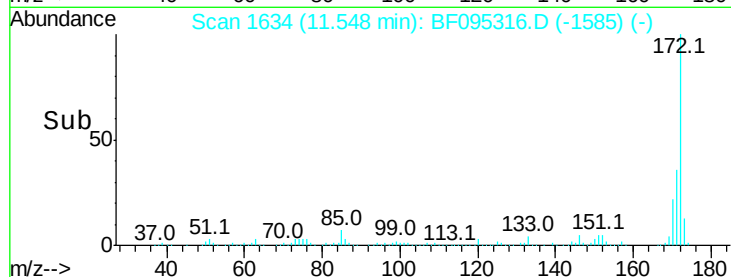
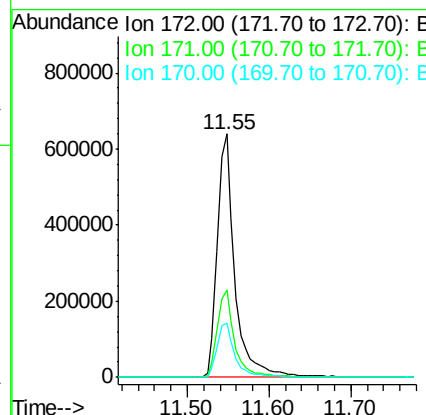
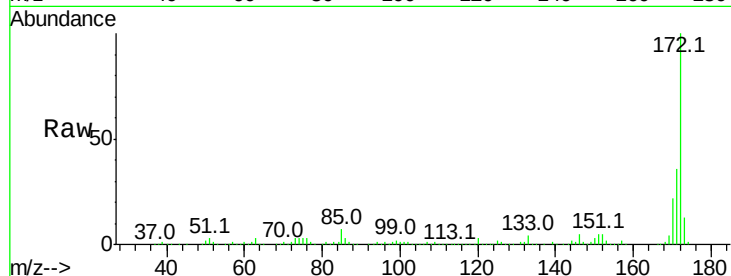




#44
 2-Fluorobiphenyl
 Concen: 84.97 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095316.D
 Acq: 22 May 2017 16:18

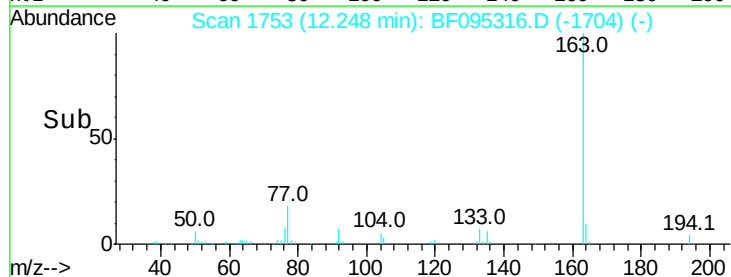
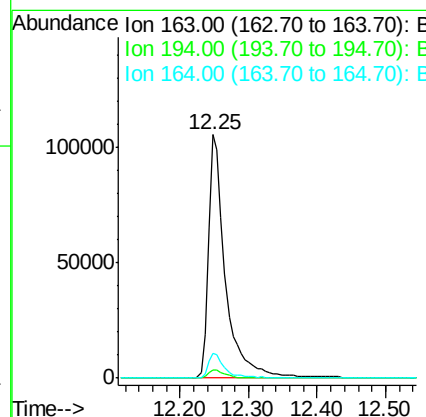
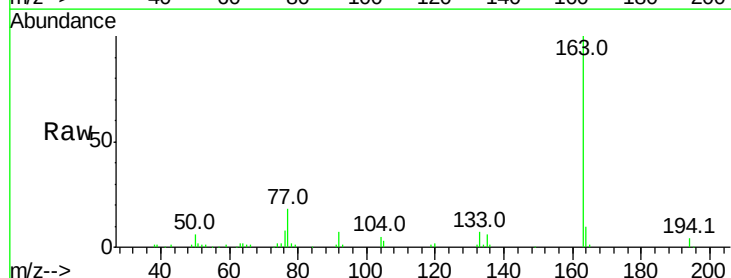
Instrument :
 BNA_F
 ClientSampleId :

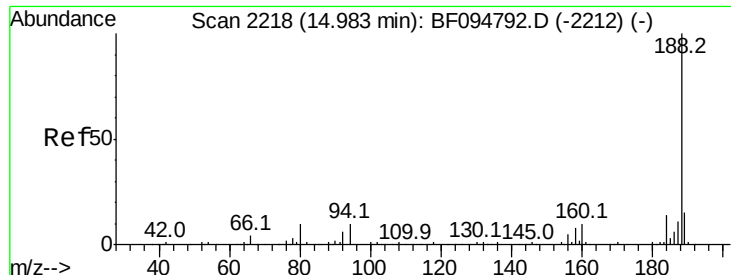
Tot Ion:172 Resp: 960721
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 22.5 19.8 29.8



#49
 Dimethylphthalate
 Concen: 13.87 ng
 RT: 12.25 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BF095316.D
 Acq: 22 May 2017 16:18

Tgt Ion:163 Resp: 185295
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.1 8.4 12.6

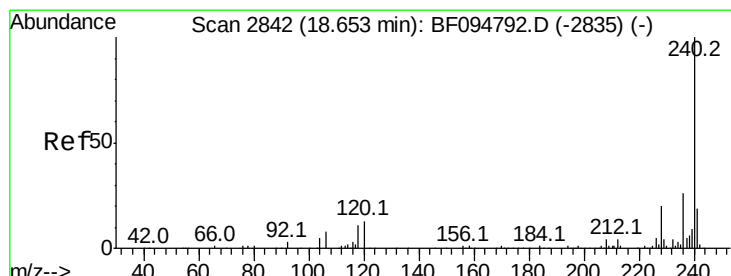
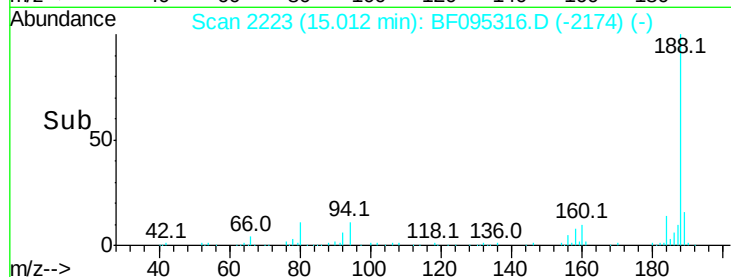
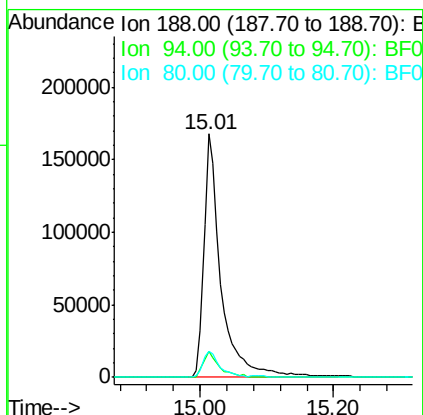
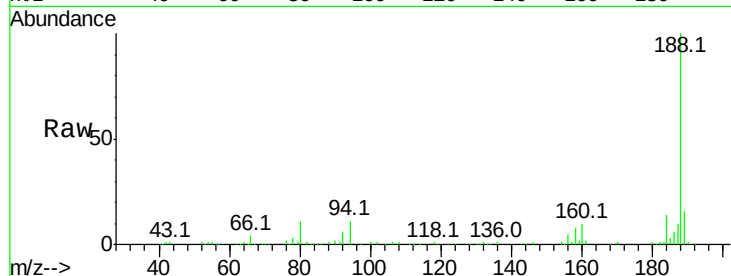




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095316.D
Acq: 22 May 2017 16:18

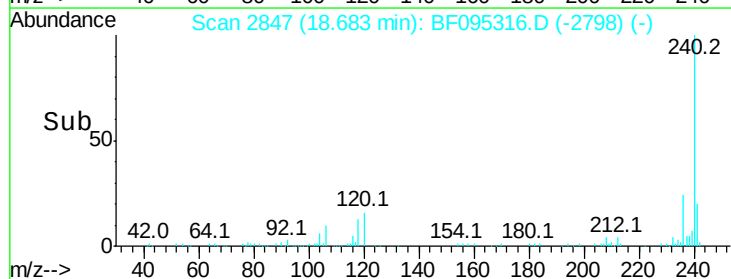
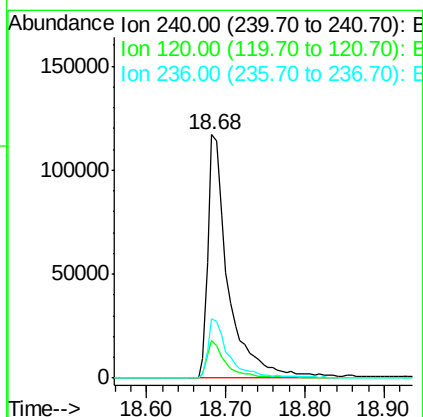
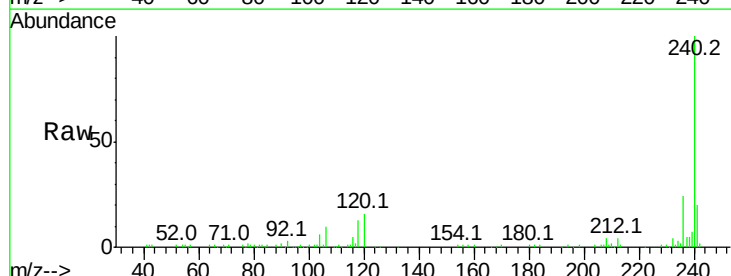
Instrument :
BNA_F
ClientSampleId :

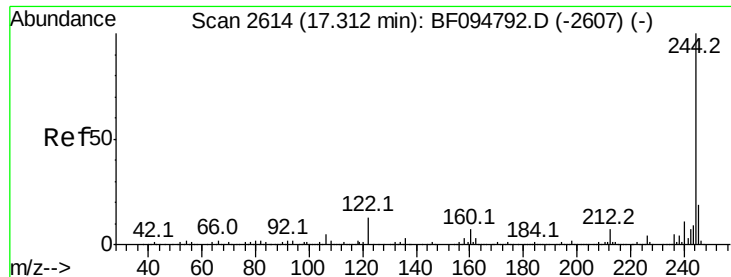
Tot Ion:188 Resp: 297319
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095316.D
Acq: 22 May 2017 16:18

Tgt Ion:240 Resp: 212129
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 24.1 20.5 30.7





#78

Terphenyl-d14

Concen: 84.38 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

Instrument :

BNA_F

ClientSampleId :

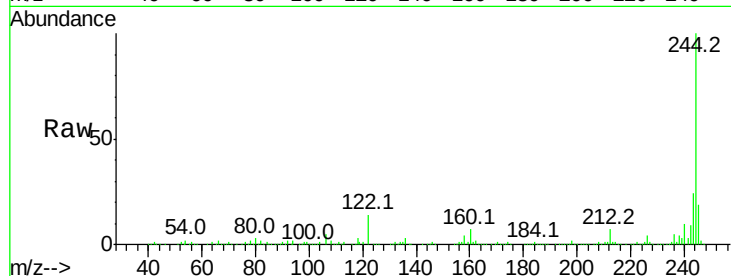
Tot Ion:244 Resp: 812670

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

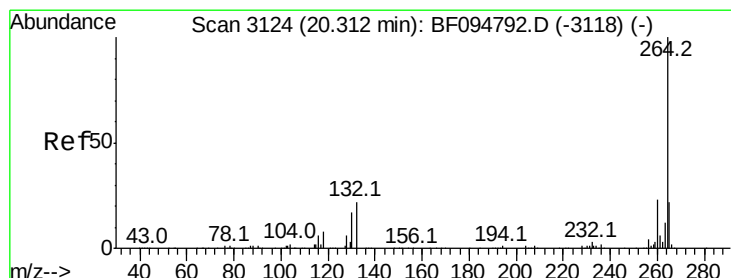
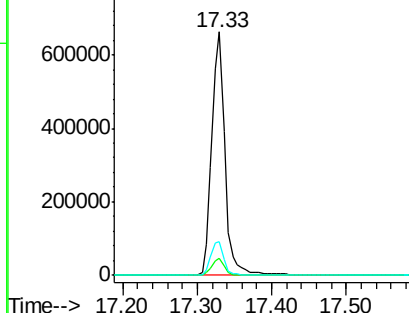
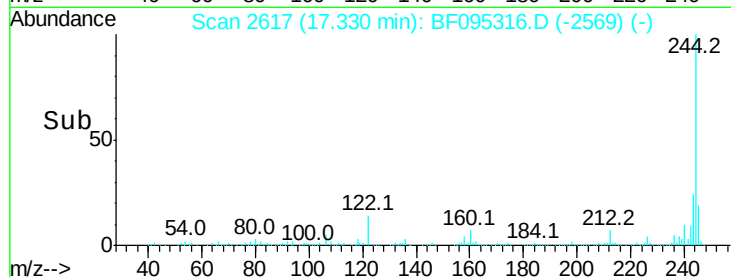
122 13.6 10.3 15.5



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. -0.00 min

Lab File: BF095316.D

Acq: 22 May 2017 16:18

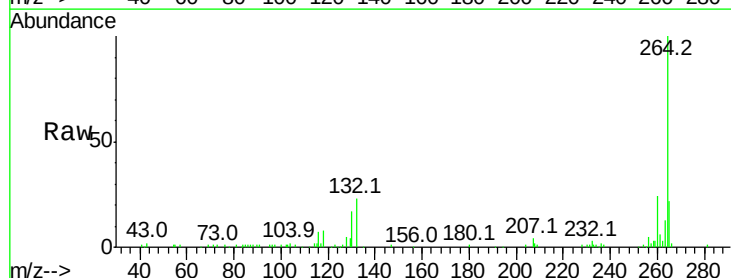
Tgt Ion:264 Resp: 144440

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.1 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

