

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094961.D
 Acq On : 6 May 2017 15:06
 Operator : SJ/MA
 Sample : I2947-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 07:56:38 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

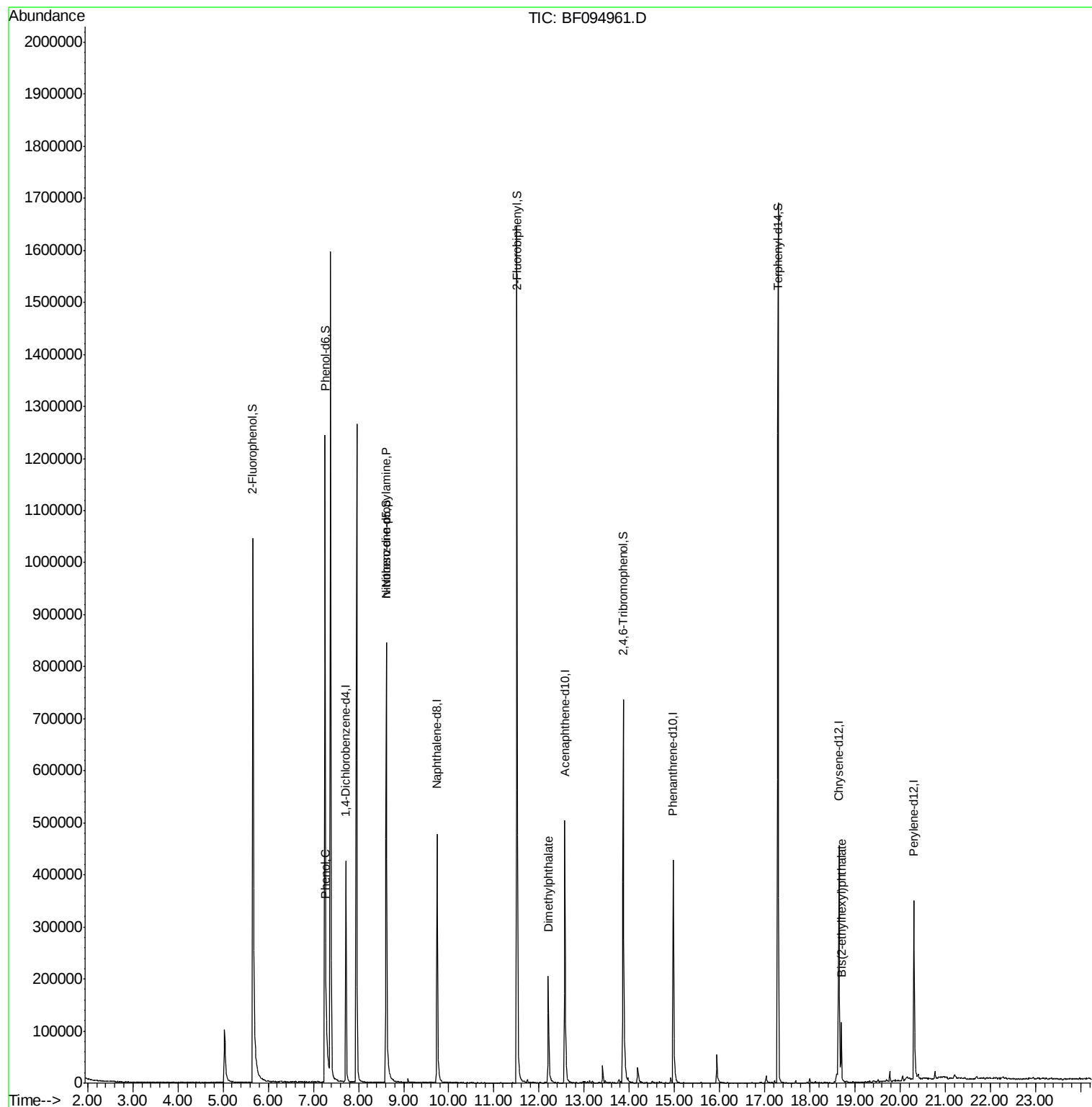
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88002	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	366696	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	154486	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	275018	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	239344	20.00	ng	-0.01
86) Perylene-d12	20.31	264	183768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	575858	109.10	ng	-0.01
7) Phenol-d6	7.26	99	732067	115.59	ng	-0.02
23) Nitrobenzene-d5	8.62	82	436429	75.05	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	146202	115.56	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	759156	70.73	ng	-0.02
78) Terphenyl-d14	17.29	244	649476	59.77	ng	-0.02
Target Compounds						
10) Phenol	7.28	94	16725	2.51	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	8.62	70	55262	12.90	ng	# 72
49) Dimethylphthalate	12.21	163	144788	11.42	ng	100
83) Bis(2-ethylhexyl)phthalate	18.70	149	38883	3.28	ng	98

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

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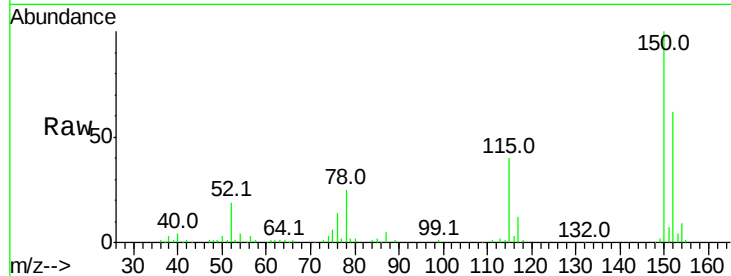


#1

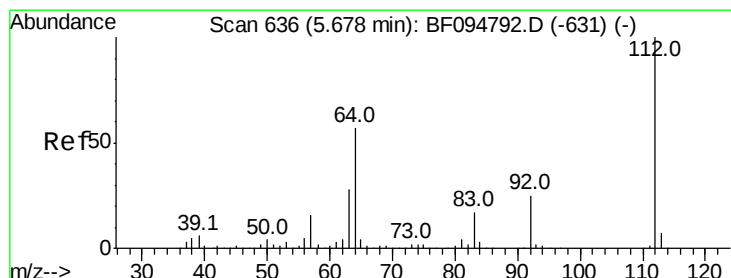
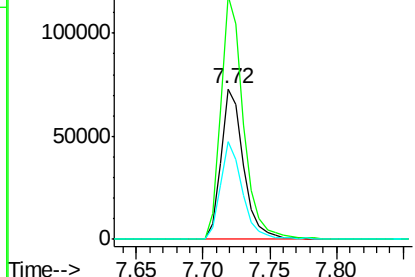
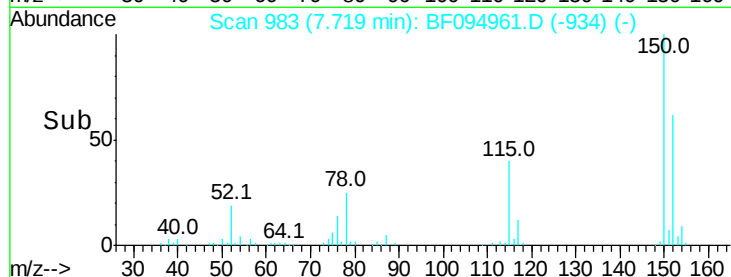
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88002
Ion Ratio Lower Upper
152 100
150 162.1 126.2 189.2
115 64.8 52.2 78.2



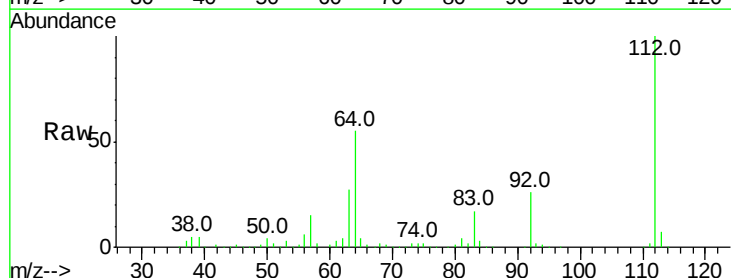
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



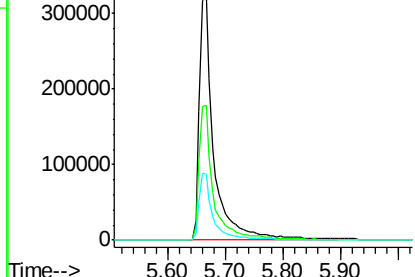
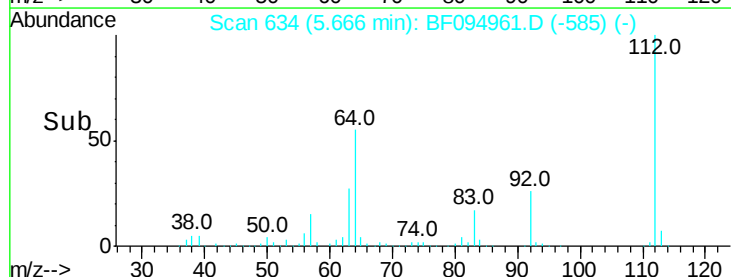
#5

2-Fluorophenol
Concen: 109.10 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Tgt Ion:112 Resp: 575858
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 26.8 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: 115.59 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

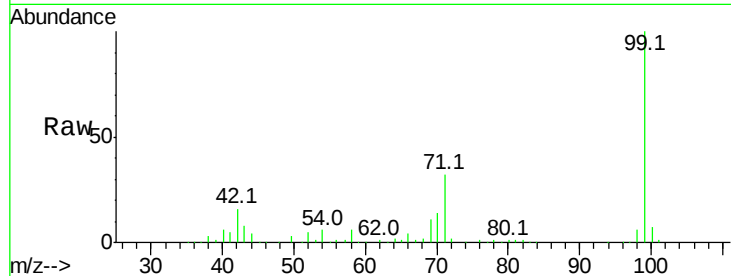
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 732067

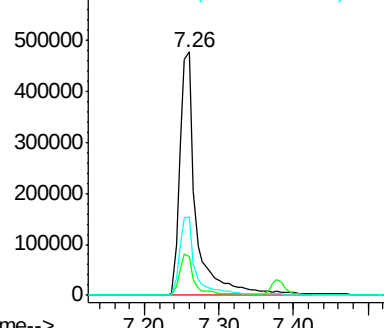
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.2	24.5	36.7



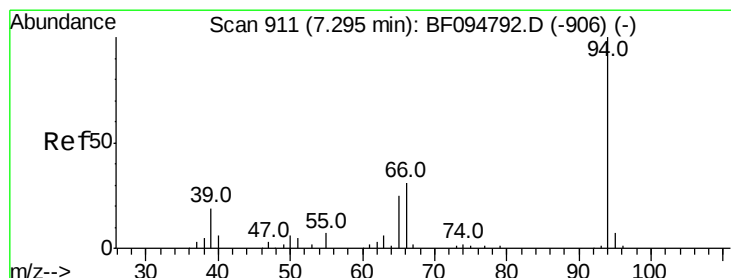
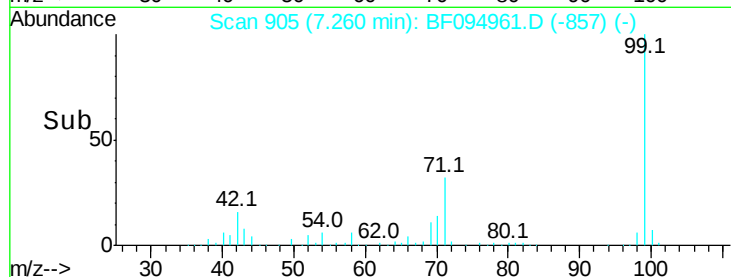
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 2.51 ng

RT: 7.28 min Scan# 908

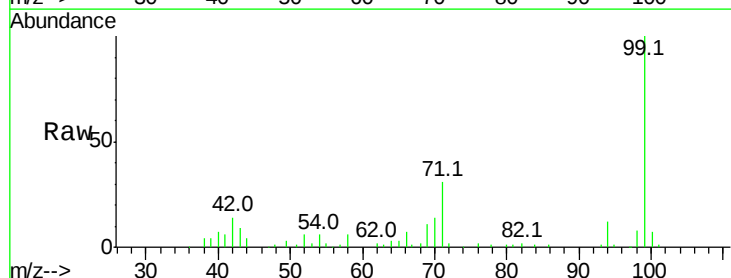
Delta R.T. -0.02 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

Tgt Ion: 94 Resp: 16725

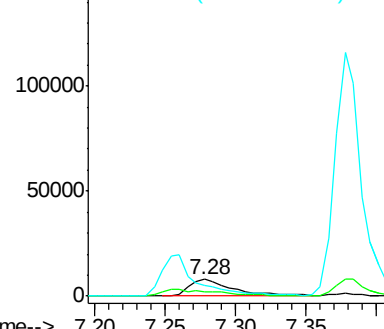
Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.9	49.9
66	62.1	23.1	63.1



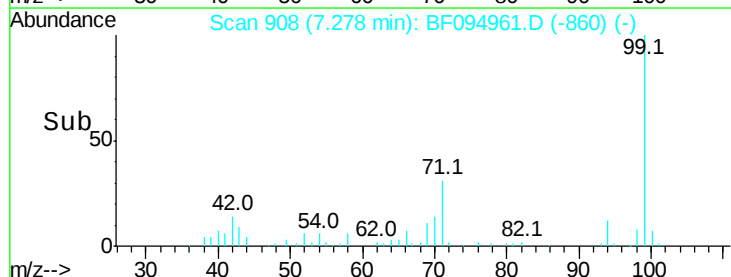
Abundance Ion 94.00 (93.70 to 94.70): BF0

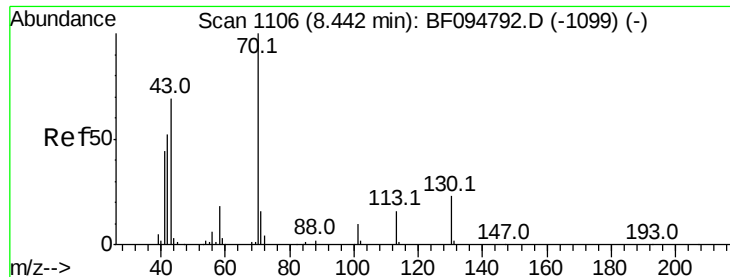
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->

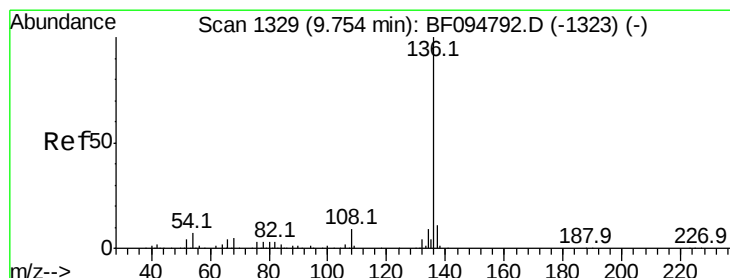
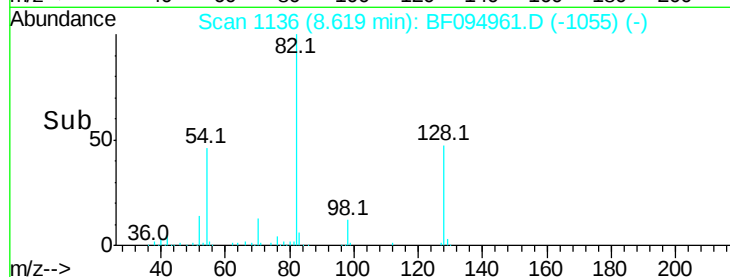
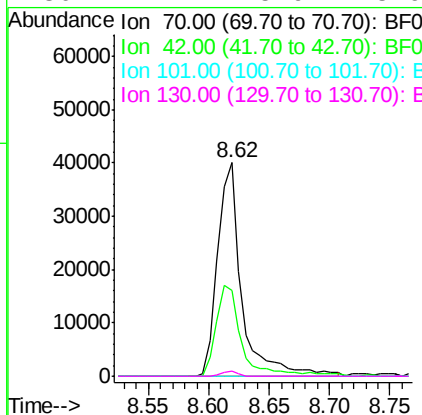
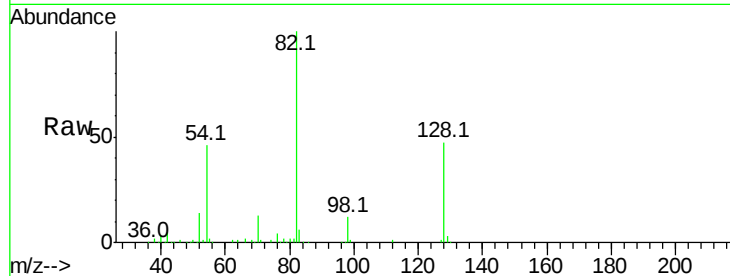




#19
n-Nitroso-di-n-propylamine
Concen: 12.90 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

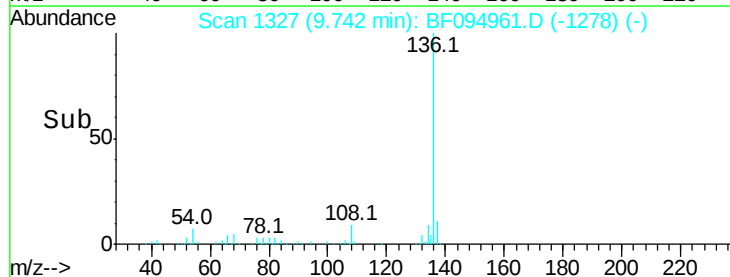
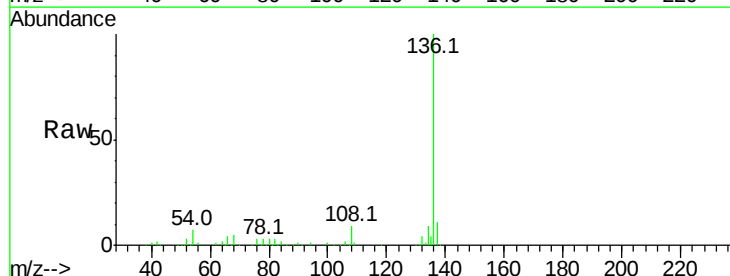
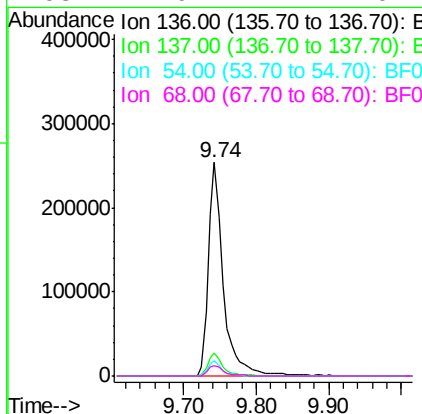
Instrument :
BNA_F
ClientSampleId :

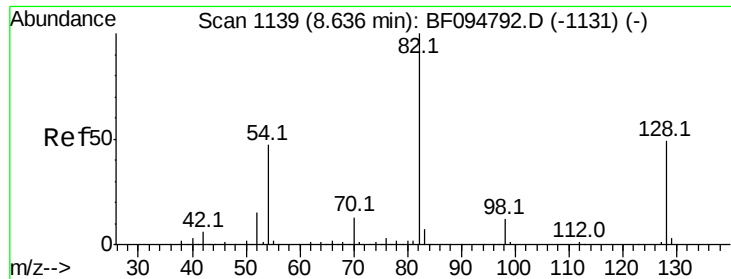
Tot Ion: 70 Resp: 55262
Ion Ratio Lower Upper
70 100
42 40.3 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Tgt Ion:136 Resp: 366696
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.1 4.9 7.3
68 4.9 4.1 6.1

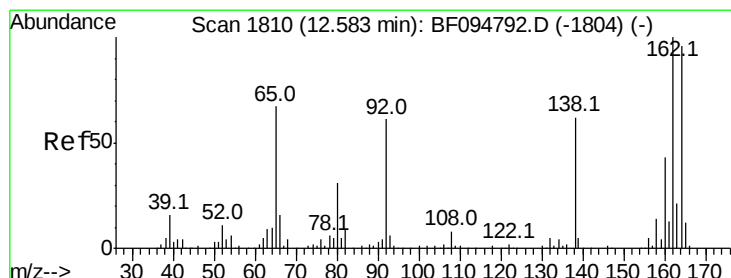
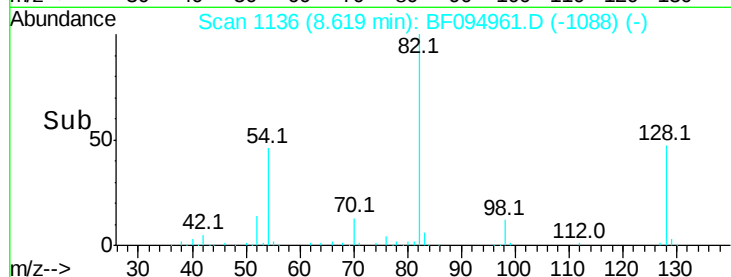
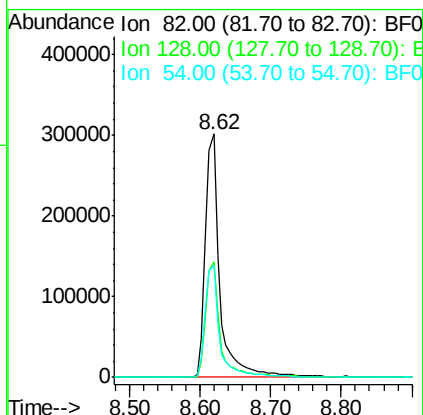
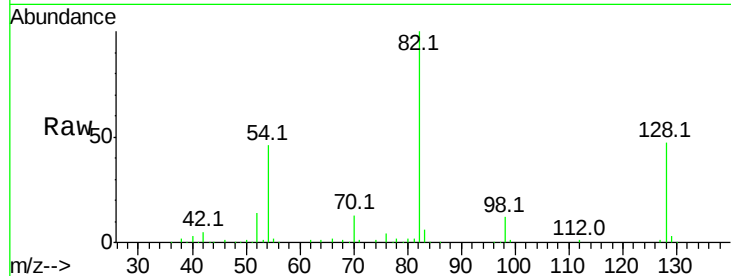




#23
Nitrobenzene-d5
Concen: 75.05 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

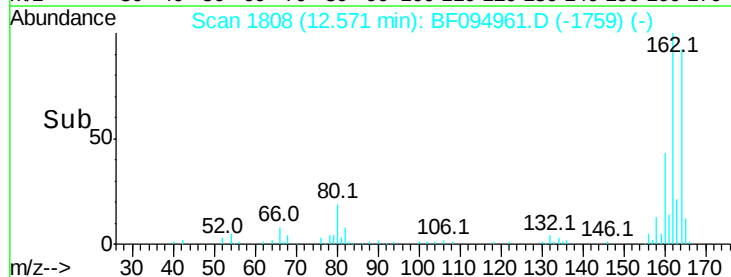
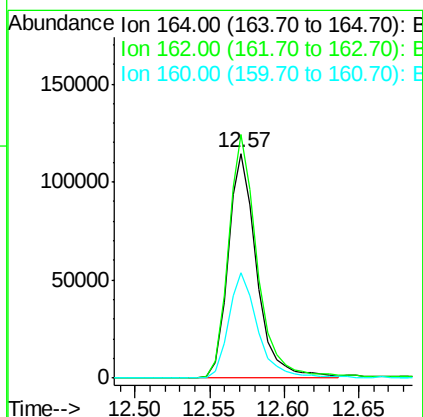
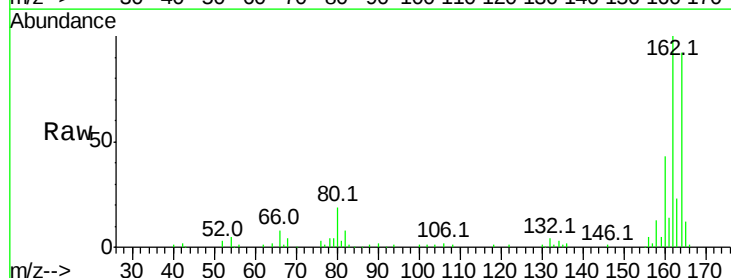
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 436429
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 46.0 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094961.D
Acq: 6 May 2017 15:06

Tgt Ion:164 Resp: 154486
Ion Ratio Lower Upper
164 100
162 108.5 82.6 123.8
160 47.1 36.2 54.2

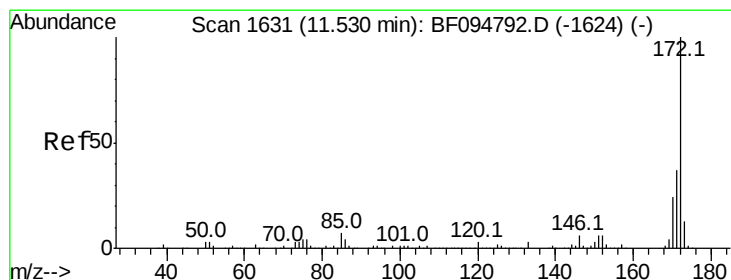
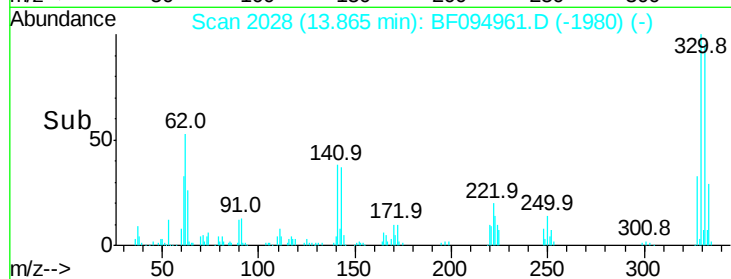
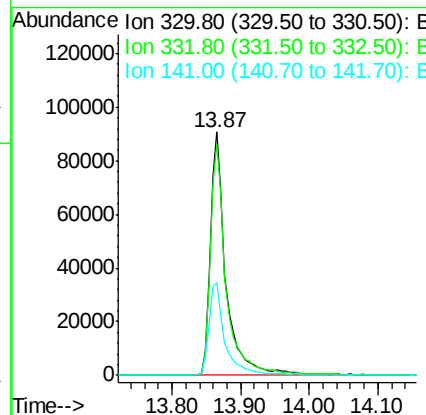
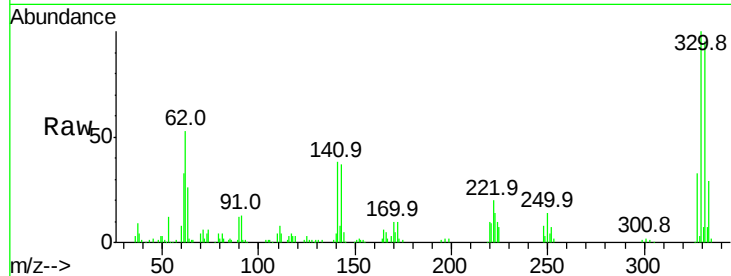




#41
 2,4,6-Tribromophenol
 Concen: 115.56 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094961.D
 Acq: 6 May 2017 15:06

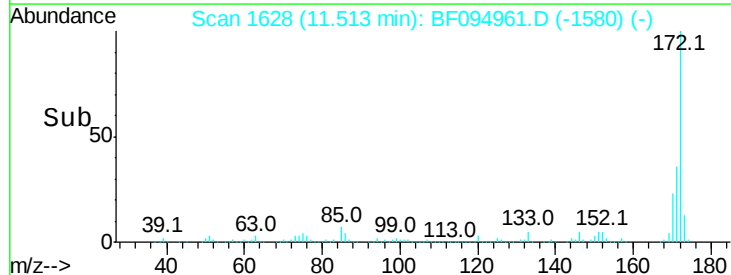
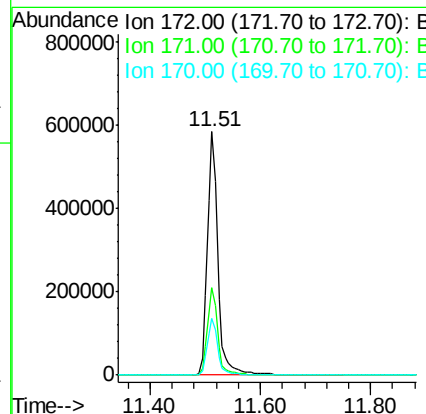
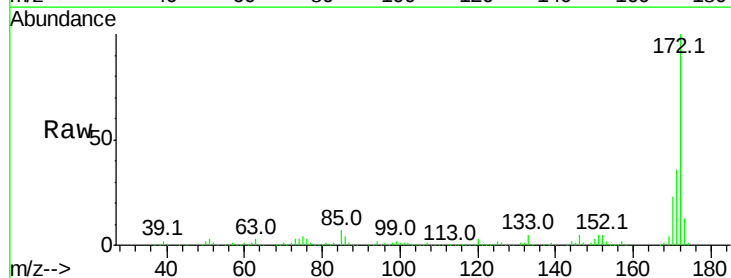
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 146202
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 70.73 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094961.D
 Acq: 6 May 2017 15:06

Tgt Ion:172 Resp: 759156
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.2 19.8 29.8





#49

Dimethylphthalate

Concen: 11.42 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

Instrument :

BNA_F

ClientSampled :

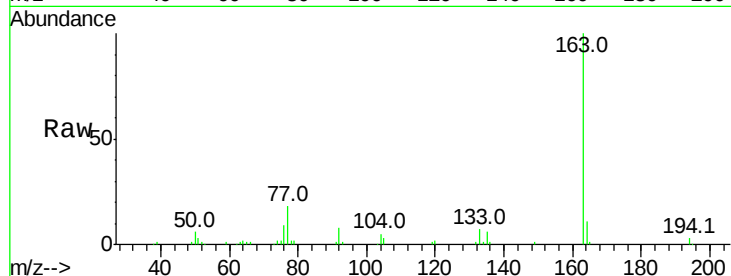
Tot Ion:163 Resp: 144788

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

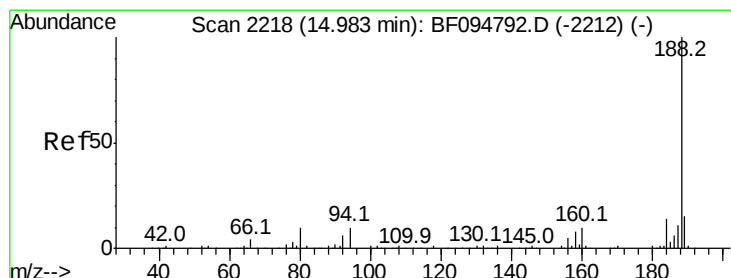
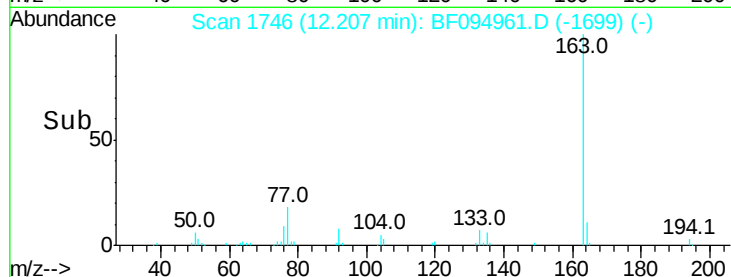
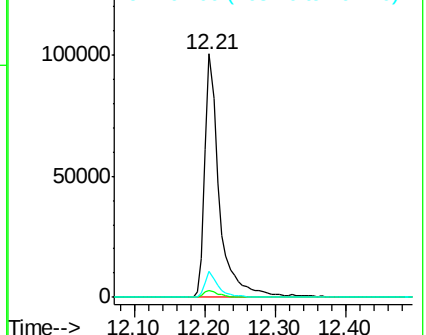
164 10.5 8.4 12.6



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: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

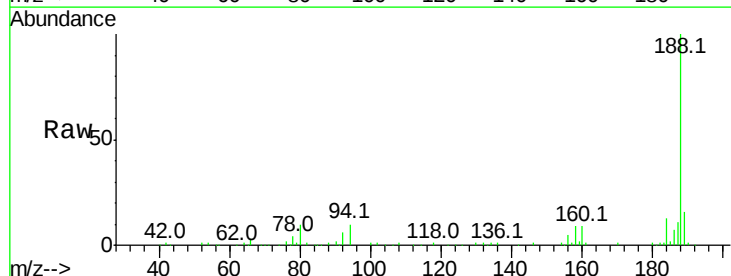
Tgt Ion:188 Resp: 275018

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

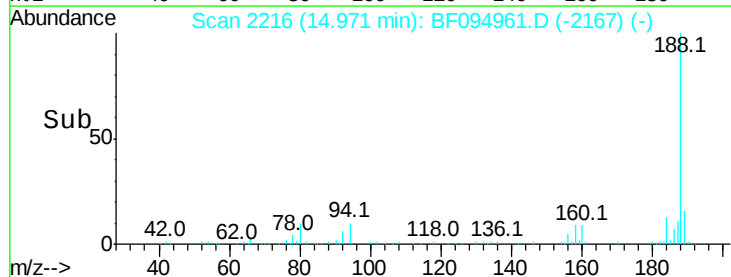
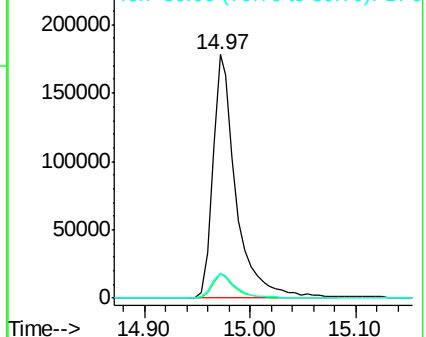
80 10.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

Instrument :

BNA_F

ClientSampleId :

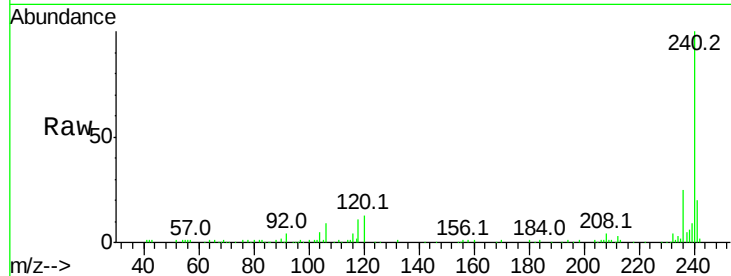
Tot Ion:240 Resp: 239344

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

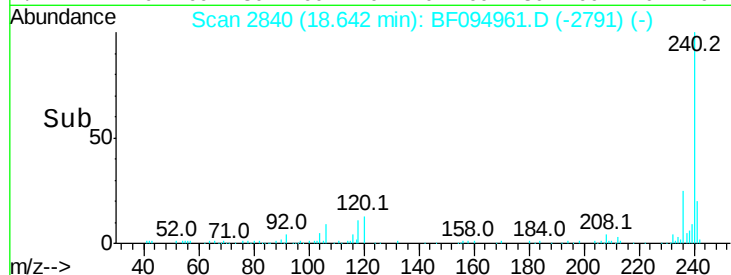
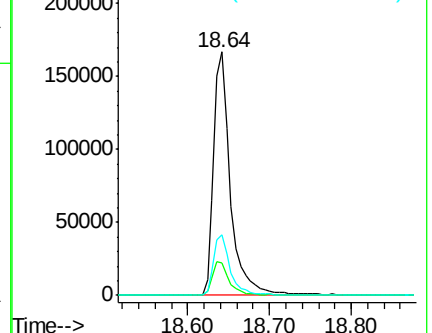
236 24.9 20.5 30.7



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: 59.77 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

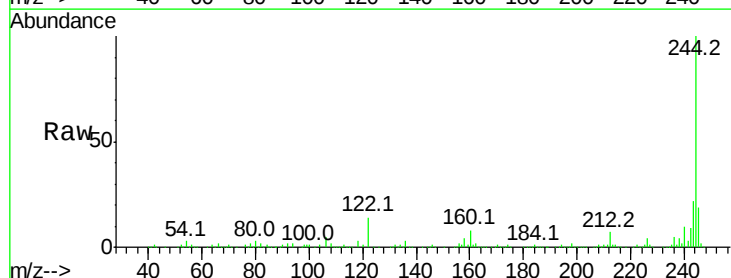
Tgt Ion:244 Resp: 649476

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

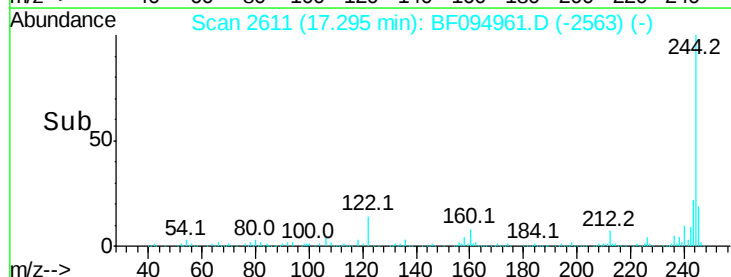
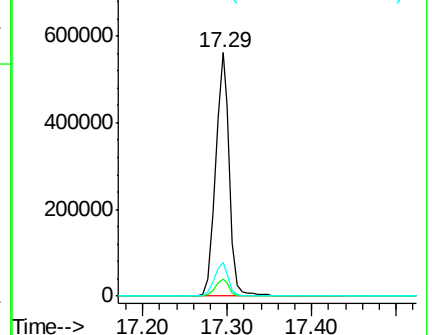
122 14.0 10.3 15.5

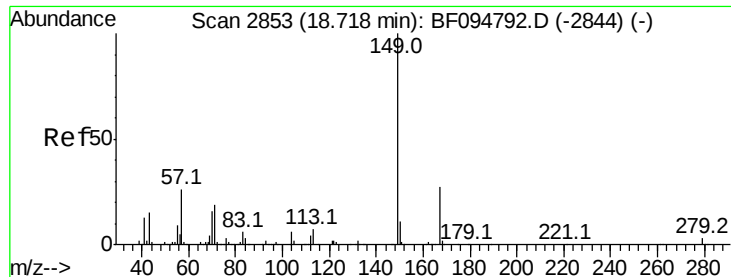


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.28 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

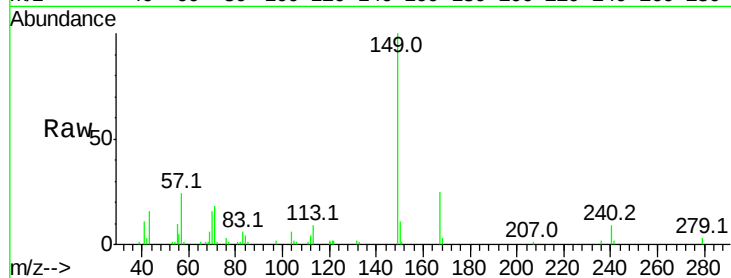
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 38883

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.0	31.4
279	2.5	1.9	2.9

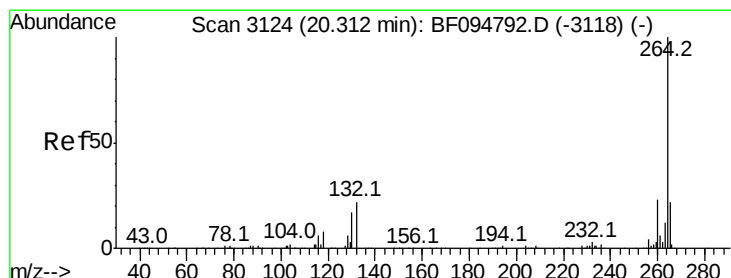
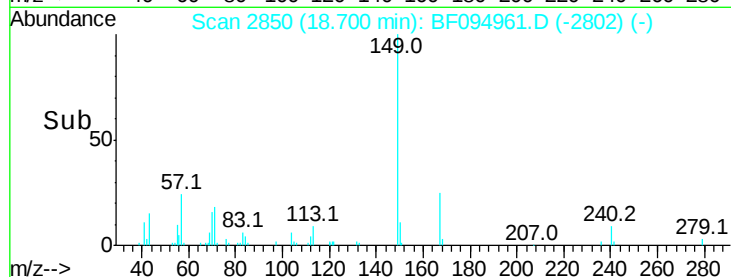
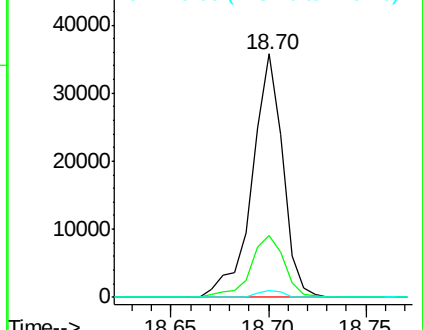


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.31 min Scan# 3123

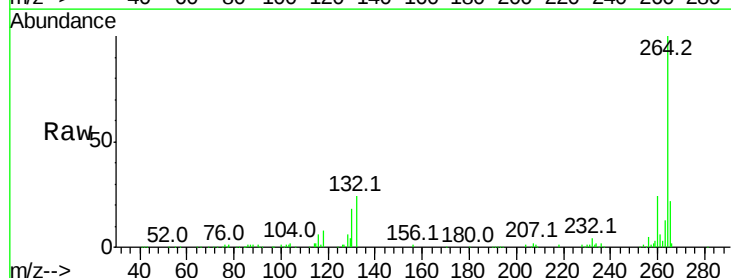
Delta R.T. -0.01 min

Lab File: BF094961.D

Acq: 6 May 2017 15:06

Tgt Ion:264 Resp: 183768

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	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

