

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094890.D
 Acq On : 4 May 2017 23:51
 Operator : SJ/MA
 Sample : I2930-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: May 05 04:21:44 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

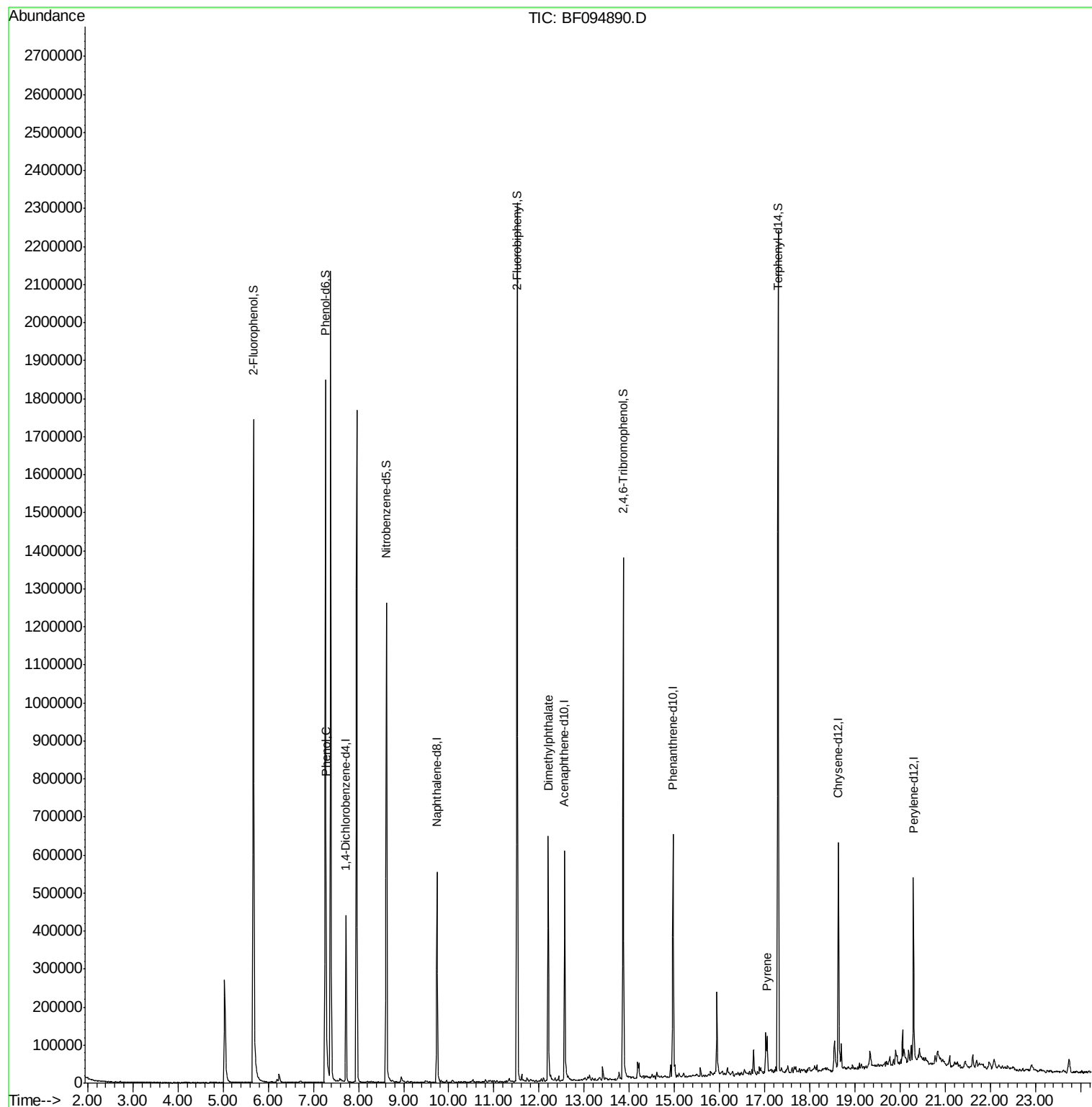
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	91663	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	366559	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	175542	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	322370	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	251868	20.00	ng	-0.02
86) Perylene-d12	20.29	264	203436	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	812946	147.86	ng	0.00
7) Phenol-d6	7.27	99	1034488	156.82	ng	0.00
23) Nitrobenzene-d5	8.62	82	607690	104.54	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	223276	155.31	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	996615	81.72	ng	-0.01
78) Terphenyl-d14	17.30	244	889719	77.81	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.28	94	23499	3.38	ng	95
49) Dimethylphthalate	12.20	163	389509	27.03	ng	100
77) Pyrene	17.05	202	39511	2.10	ng	96

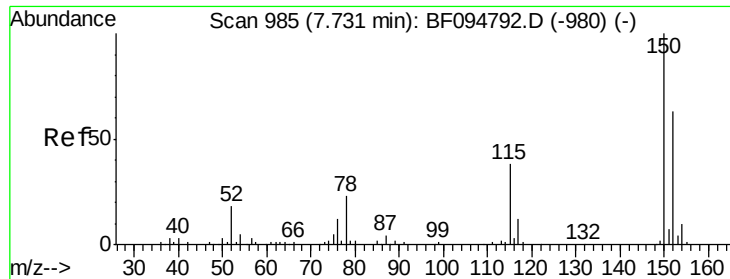
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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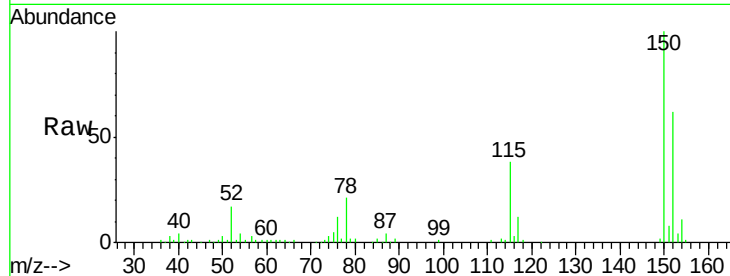


#1

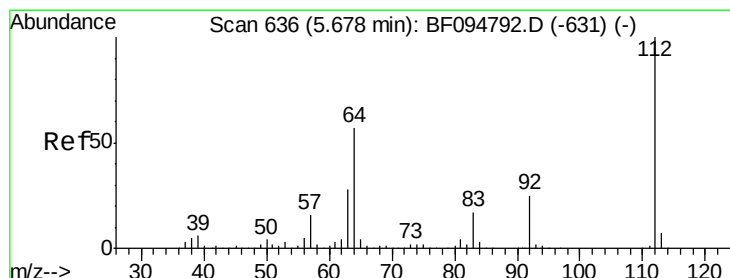
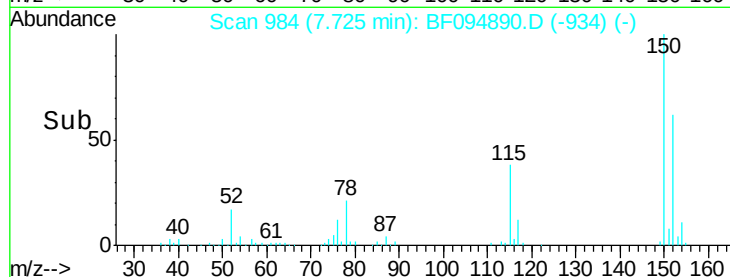
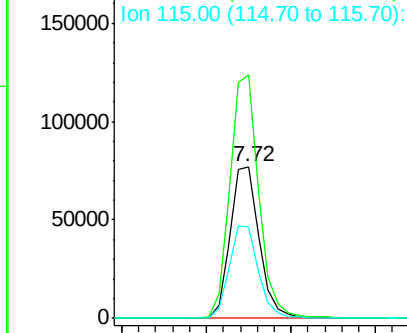
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tgt Ion:152 Resp: 91663
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 60.3 52.2 78.2



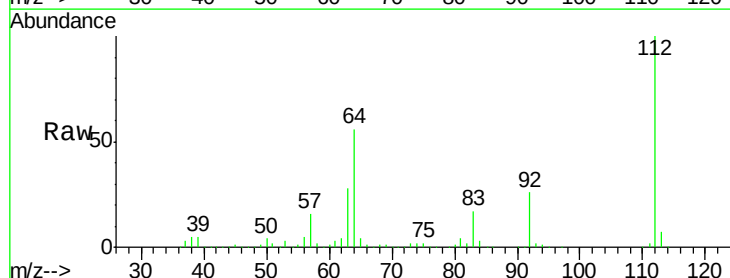
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



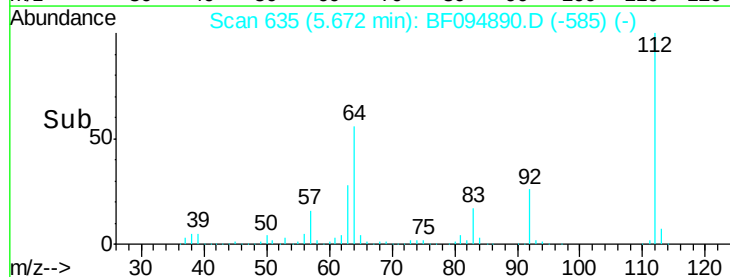
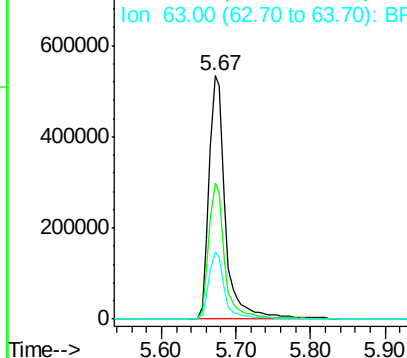
#5

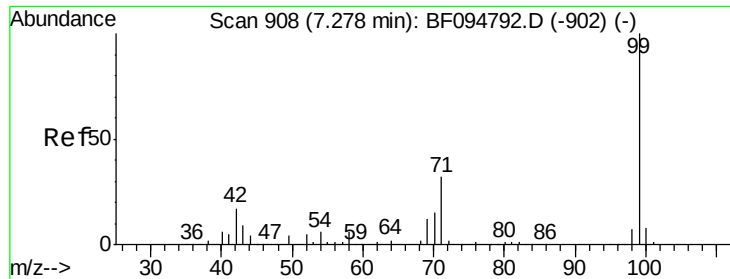
2-Fluorophenol
Concen: 147.86 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Tgt Ion:112 Resp: 812946
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 27.7 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: 156.82 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

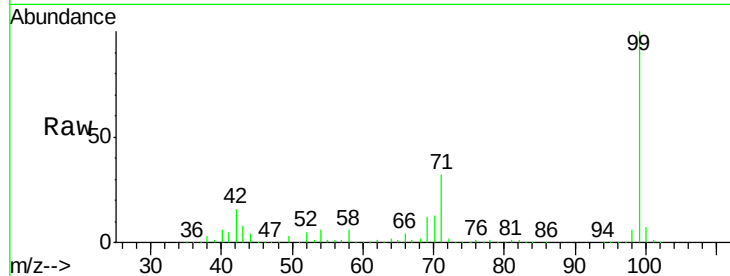
Tgt Ion: 99 Resp: 1034488

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

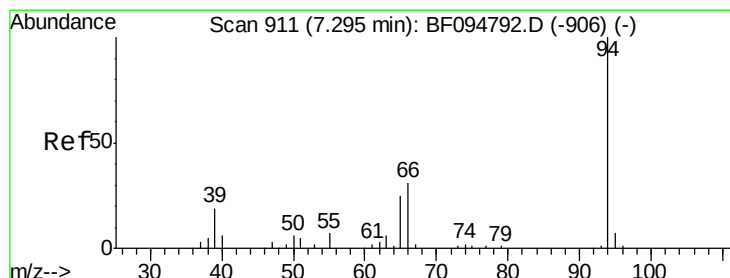
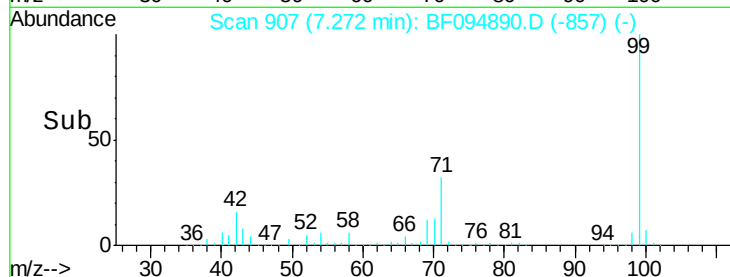
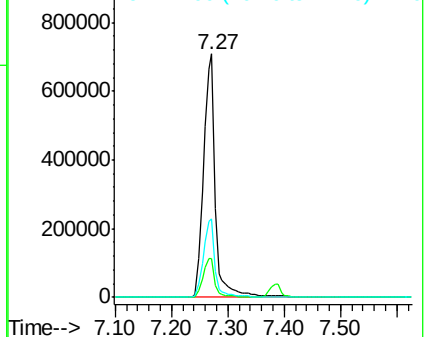
71 32.3 24.5 36.7



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: 3.38 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

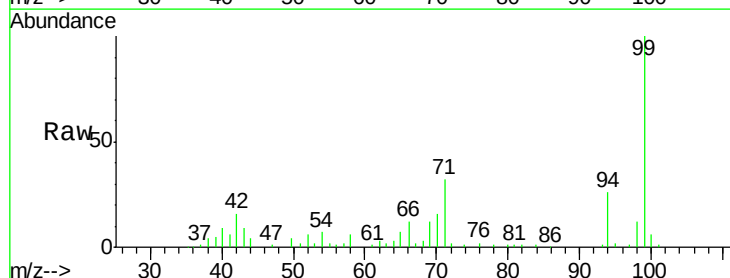
Tgt Ion: 94 Resp: 23499

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

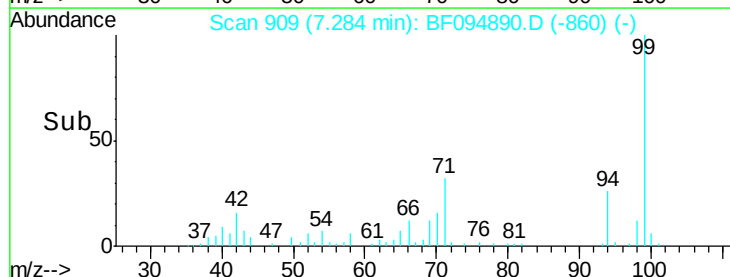
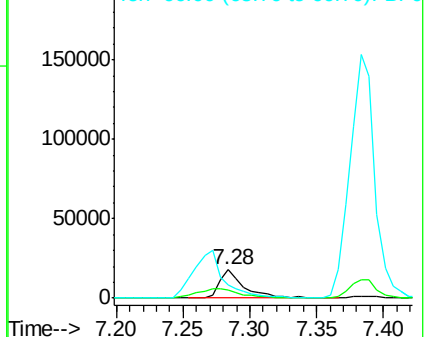
66 47.9 23.1 63.1

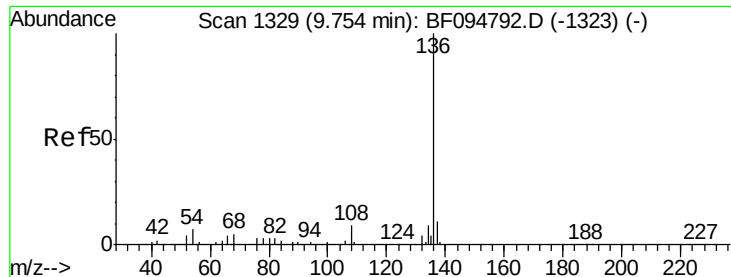


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

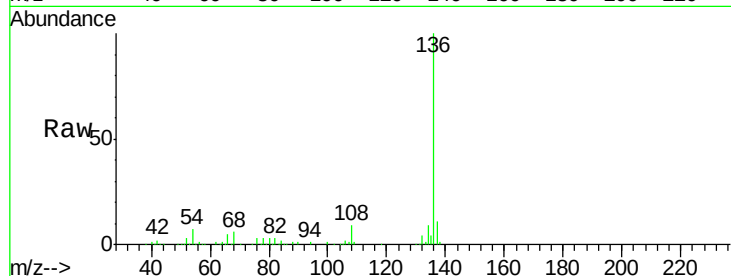




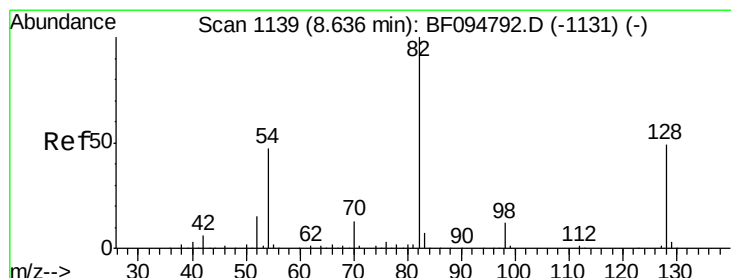
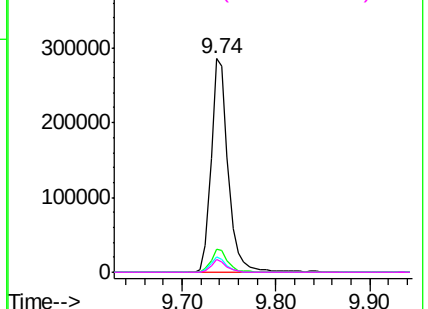
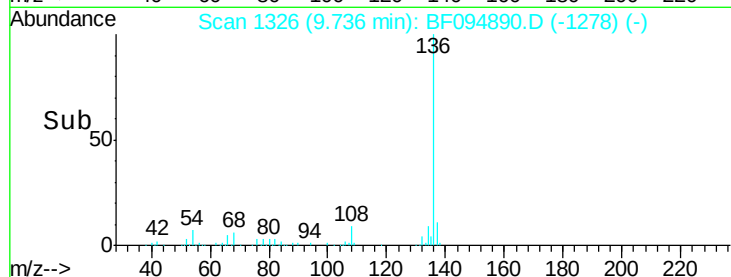
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tgt Ion:	136	Resp:	366559
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.2	4.9	7.3
68	5.7	4.1	6.1

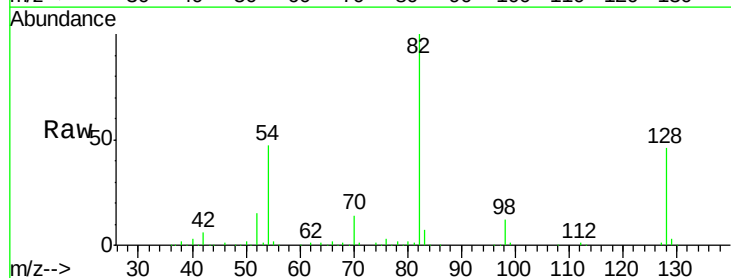


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

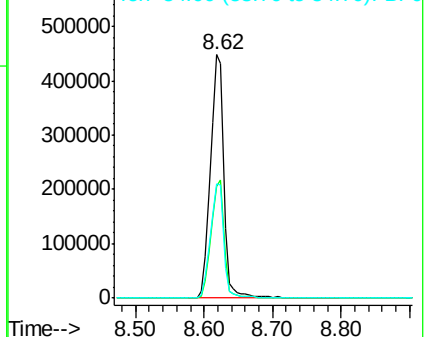
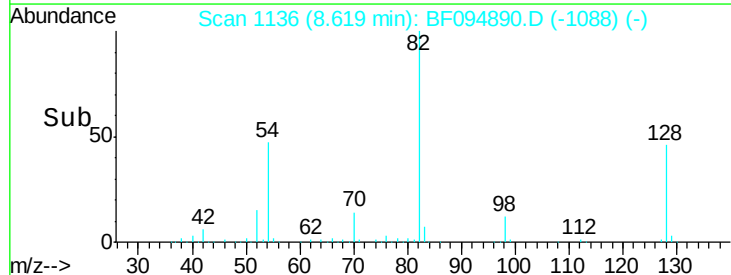


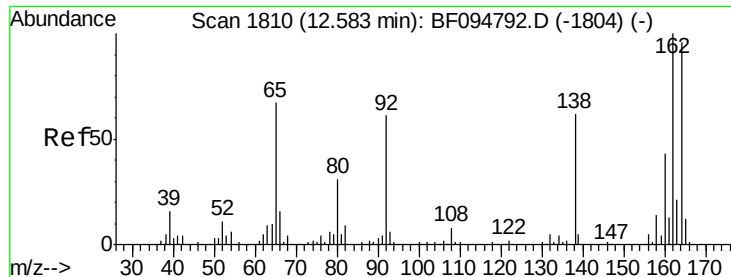
#23
Nitrobenzene-d5
Concen: 104.54 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Tgt Ion:	82	Resp:	607690
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	47.0	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: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

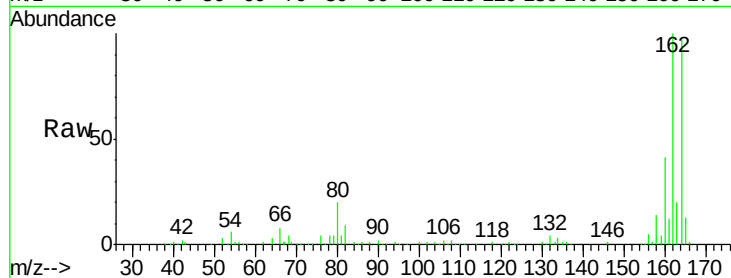
Tgt Ion:164 Resp: 175542

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

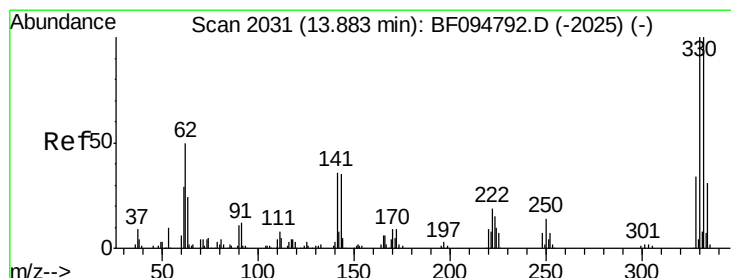
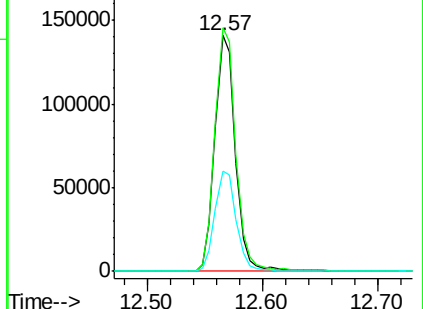
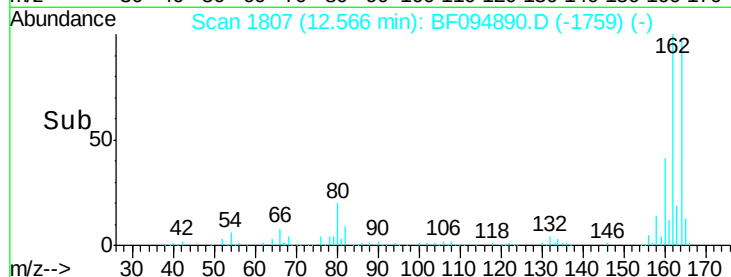
160 42.4 36.2 54.2



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: 155.31 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

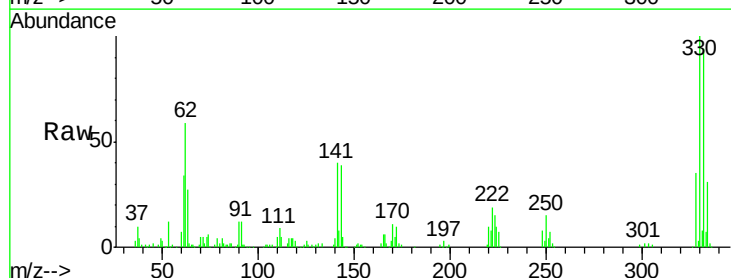
Tgt Ion:330 Resp: 223276

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

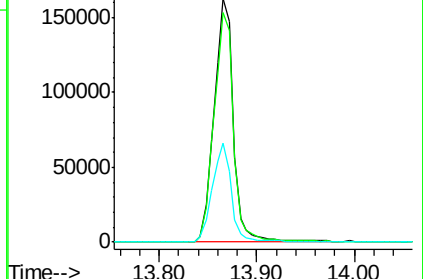
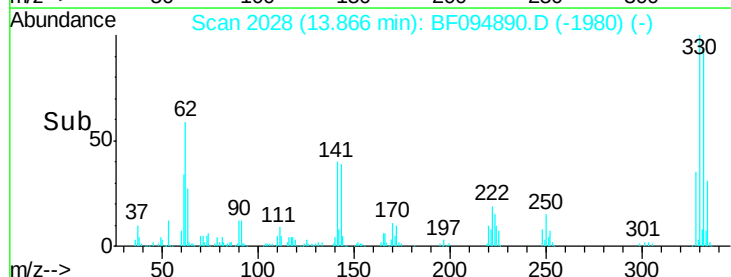
141 40.2 31.4 47.2

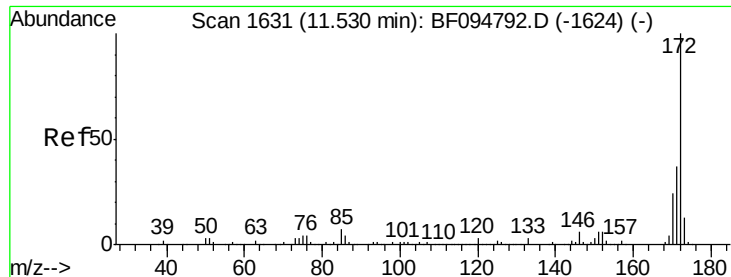


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

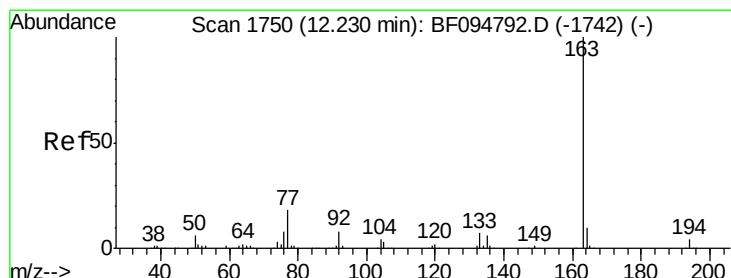
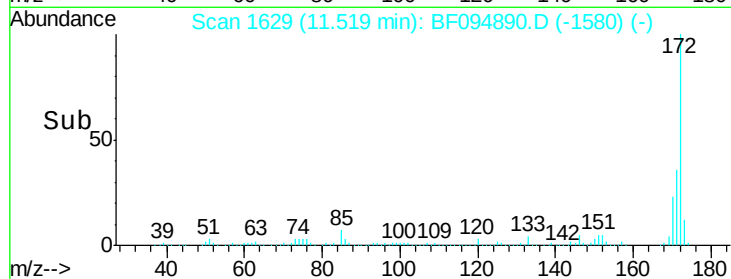
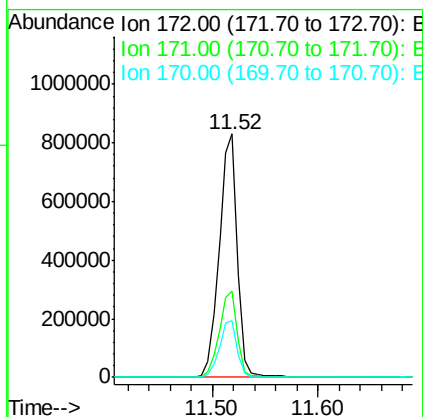
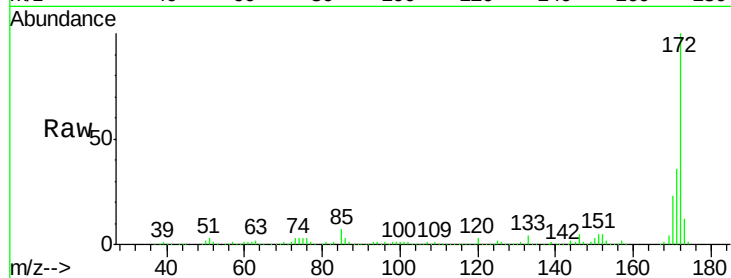




#44
 2-Fluorobiphenyl
 Concen: 81.72 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094890.D
 Acq: 4 May 2017 23:51

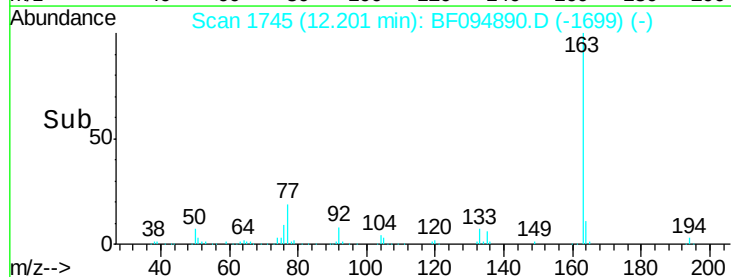
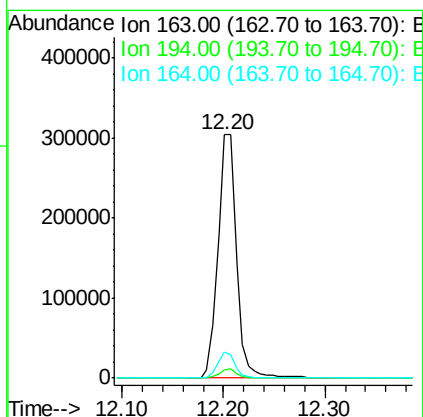
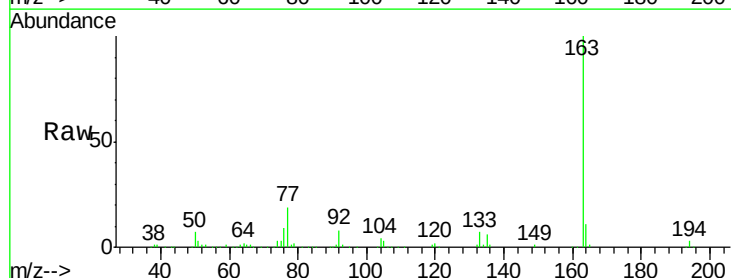
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

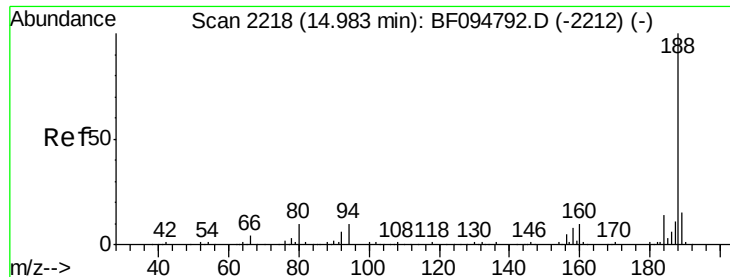
Tgt Ion:172 Resp: 996615
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 27.03 ng
 RT: 12.20 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BF094890.D
 Acq: 4 May 2017 23:51

Tgt Ion:163 Resp: 389509
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.6 4.0
 164 10.6 8.4 12.6

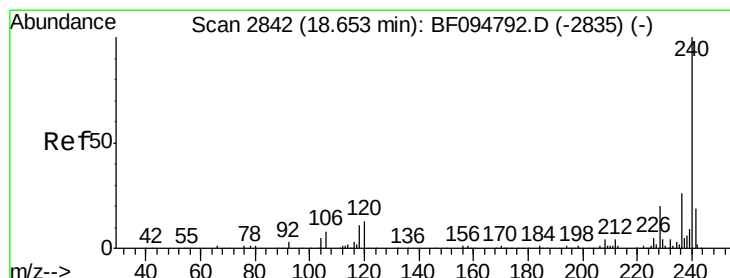
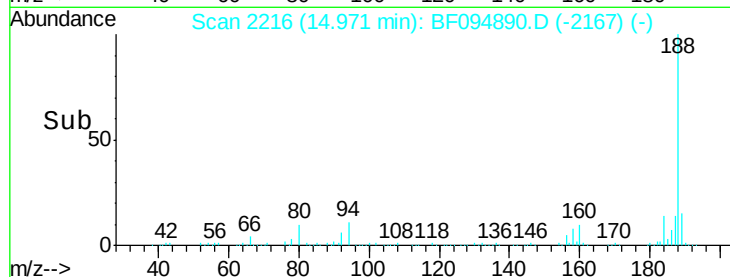
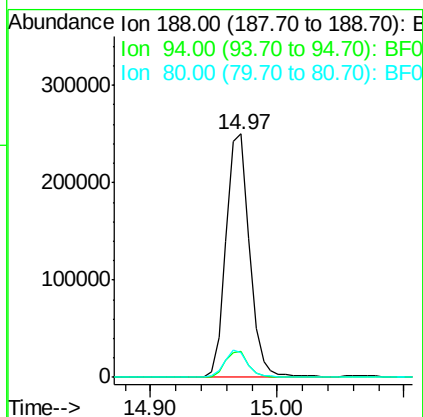
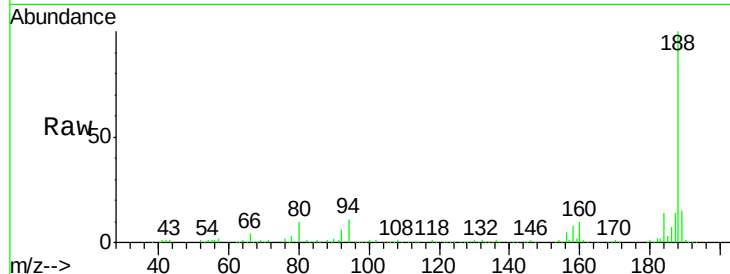




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

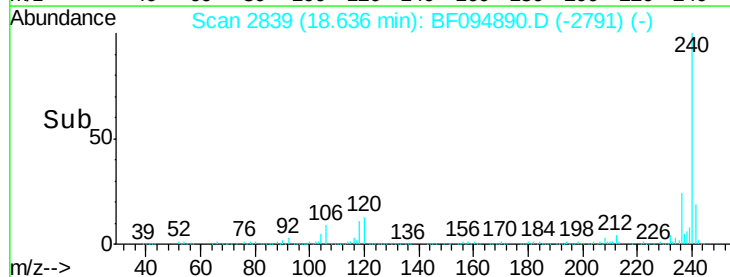
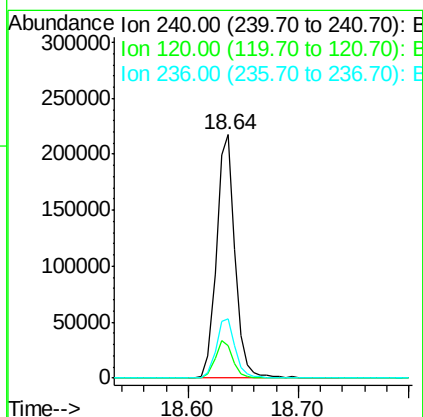
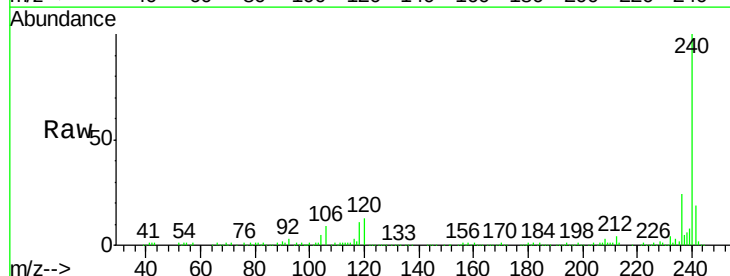
Instrument :
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SP-1-COMP

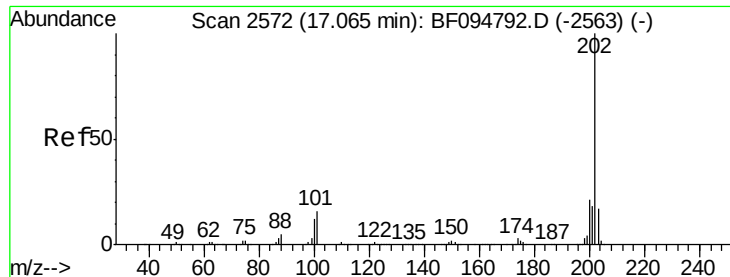
Tgt Ion:188 Resp: 322370
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Tgt Ion:240 Resp: 251868
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 24.2 20.5 30.7

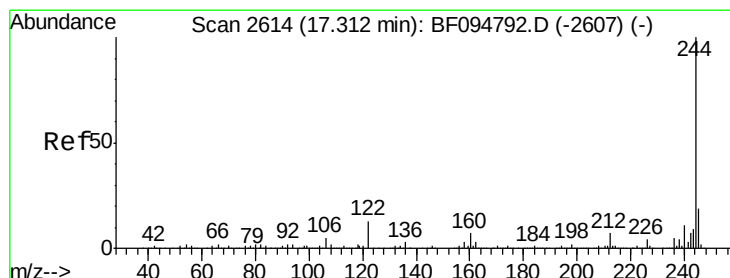
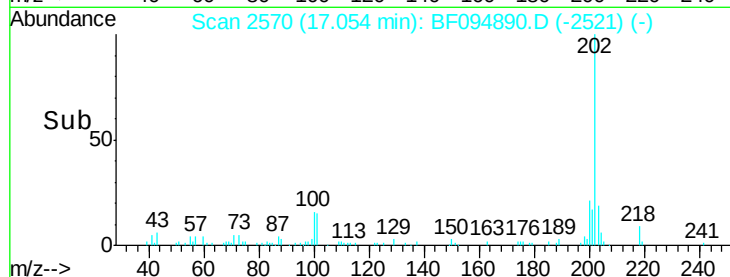
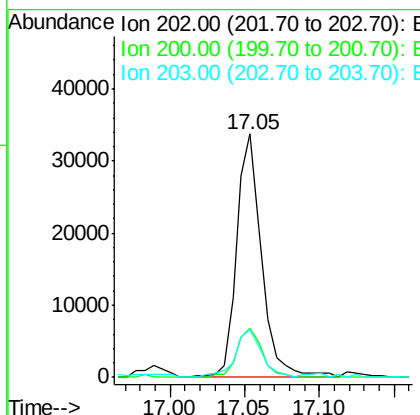
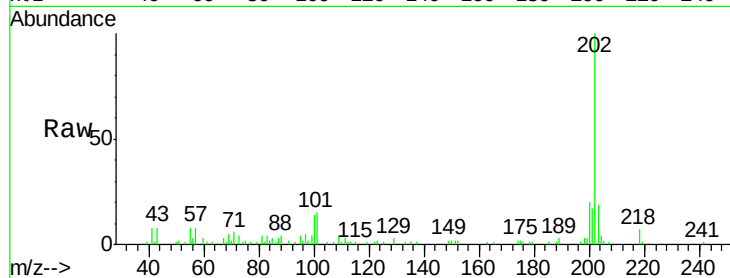




#77
 Pyrene
 Concen: 2.10 ng
 RT: 17.05 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BF094890.D
 Acq: 4 May 2017 23:51

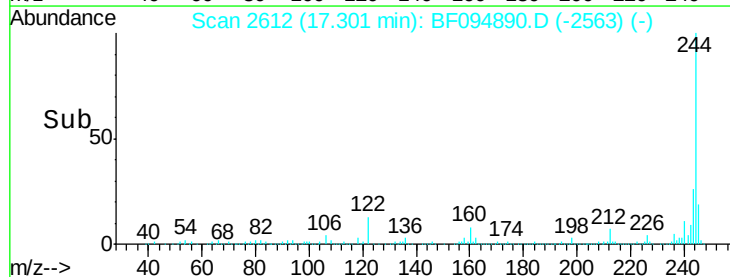
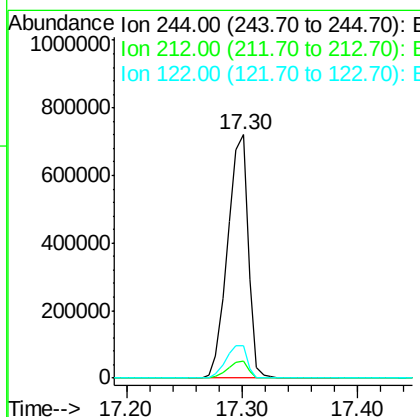
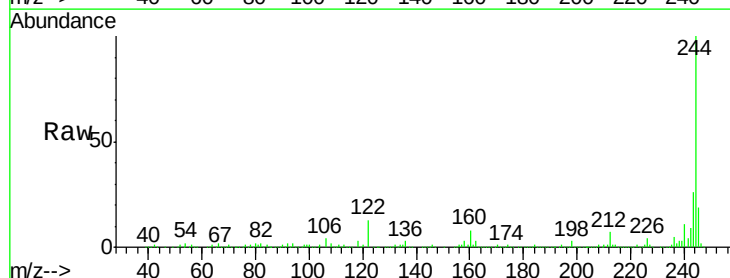
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

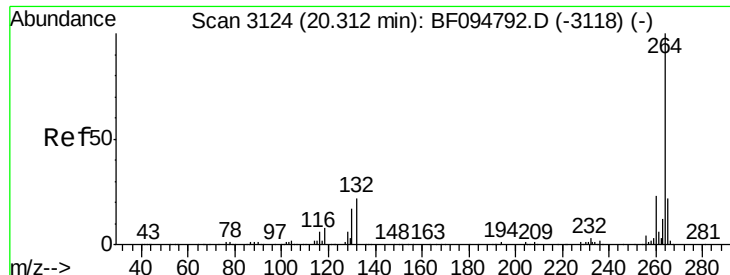
Tgt Ion:202 Resp: 39511
 Ion Ratio Lower Upper
 202 100
 200 20.2 17.6 26.4
 203 19.4 14.4 21.6



#78
 Terphenyl-d14
 Concen: 77.81 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094890.D
 Acq: 4 May 2017 23:51

Tgt Ion:244 Resp: 889719
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 10.3 15.5

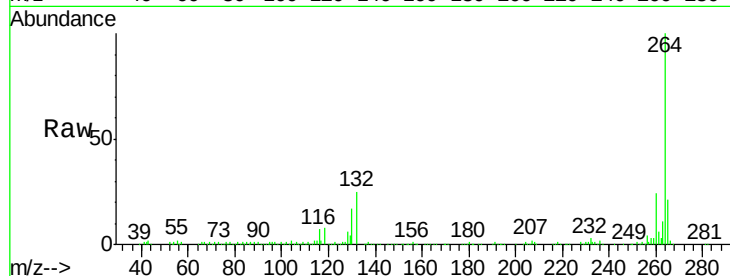




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

