

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
 Data File : BF094517.D
 Acq On : 19 Apr 2017 15:48
 Operator : SJ/MA
 Sample : I2751-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1494-COMP

Quant Time: Apr 20 04:13:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

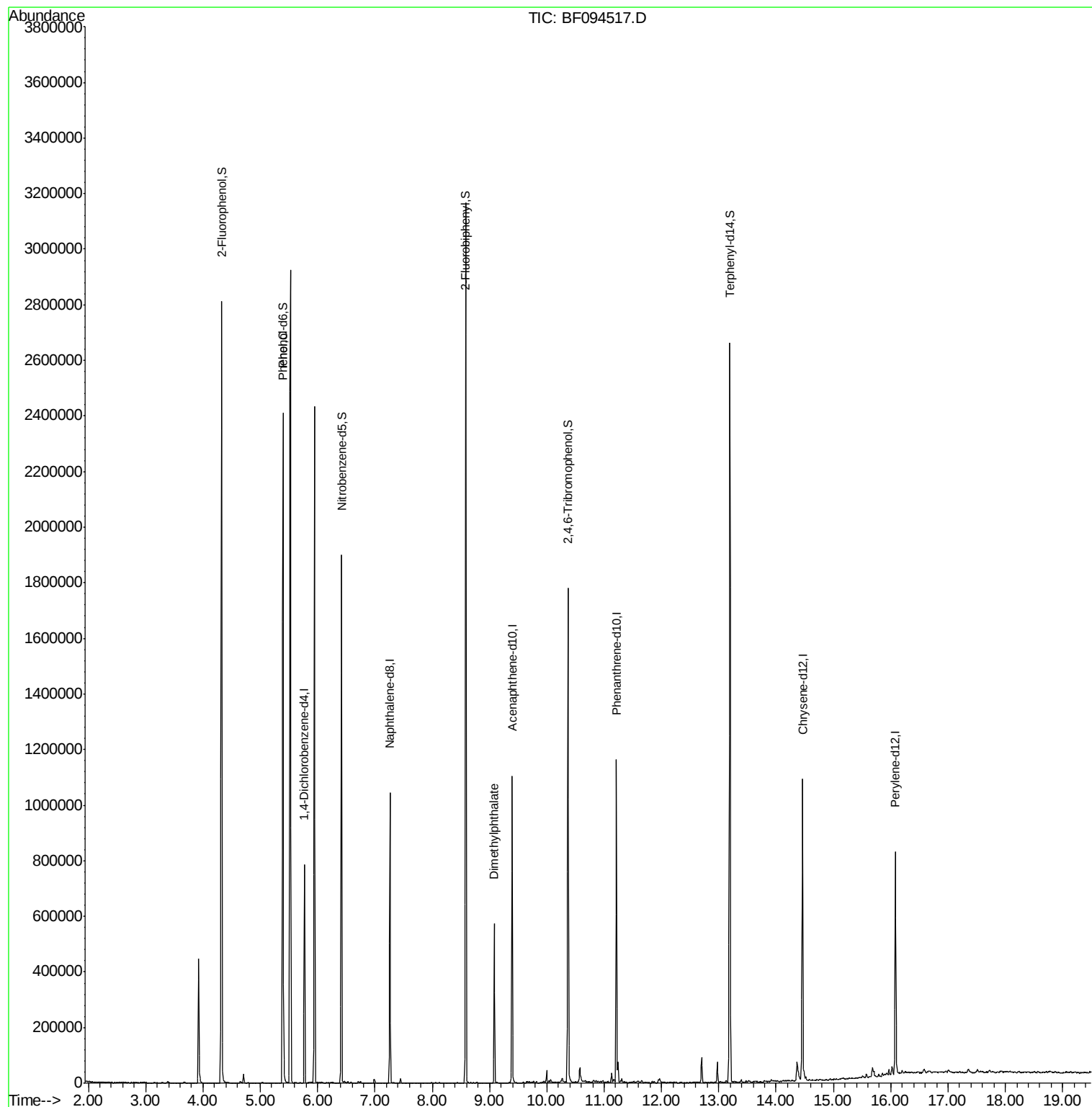
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	129796	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	506715	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	229065	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	451341	20.00	ng	0.00
75) Chrysene-d12	14.46	240	395428	20.00	ng	0.00
86) Perylene-d12	16.08	264	299161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	835009	106.73	ng	0.02
7) Phenol-d6	5.40	99	1034463	112.16	ng	0.00
23) Nitrobenzene-d5	6.42	82	642099	78.25	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	220869	123.27	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1113695	71.54	ng	0.00
78) Terphenyl-d14	13.19	244	1000604	67.64	ng	0.00
Target Compounds						
10) Phenol	5.41	94	23518	2.08	ng	96
49) Dimethylphthalate	9.08	163	239943	14.06	ng	99

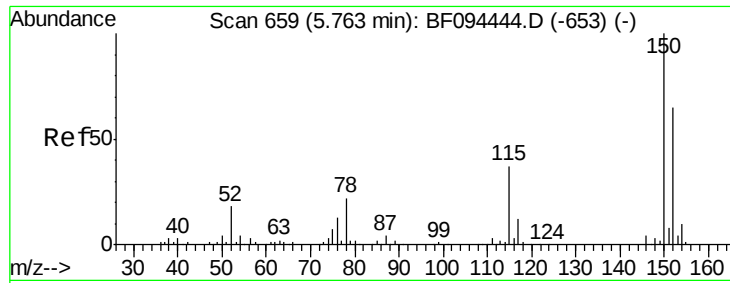
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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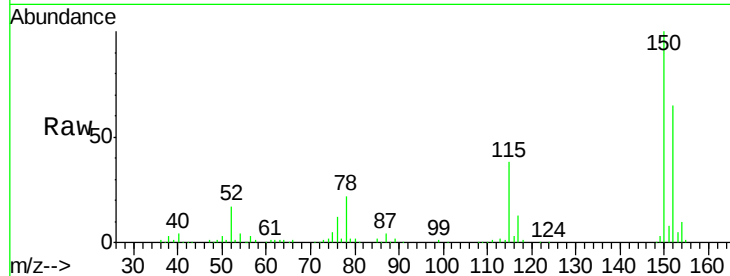




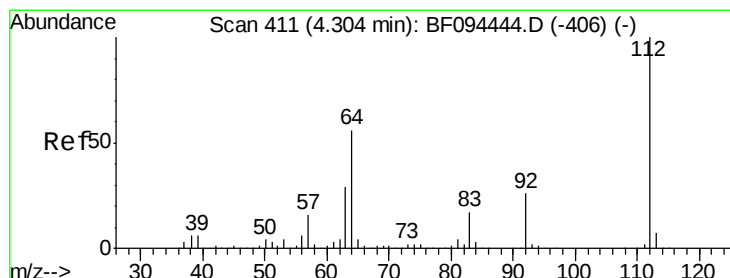
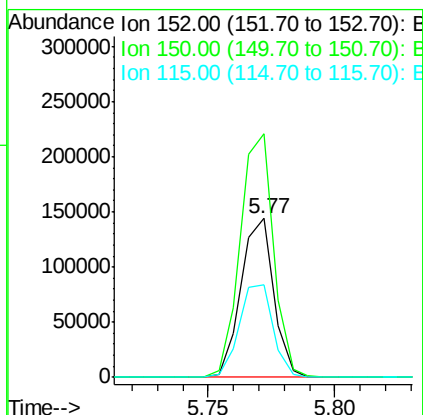
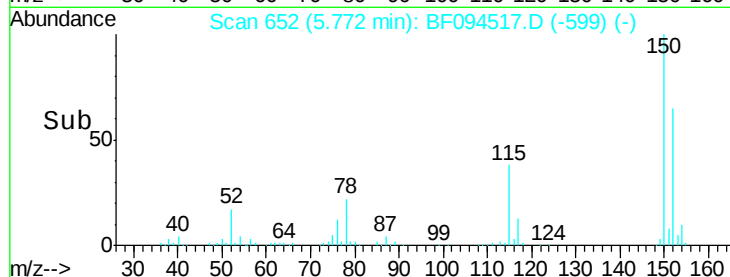
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :
 RT-1494-COMP

Tgt Ion:152 Resp: 129796
 Ion Ratio Lower Upper
 152 100
 150 153.3 126.2 189.2
 115 58.1 52.2 78.2

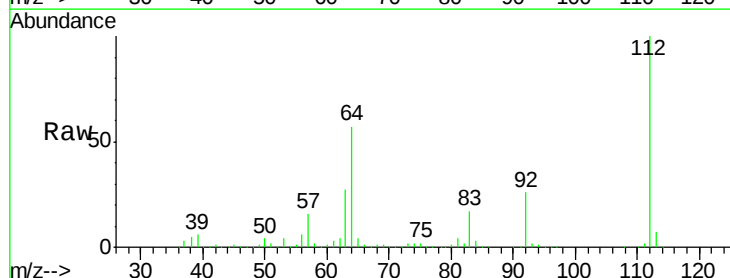


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

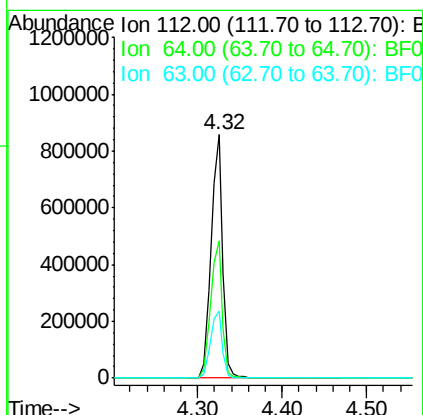
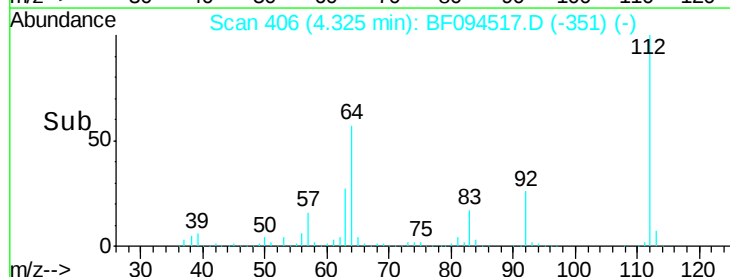


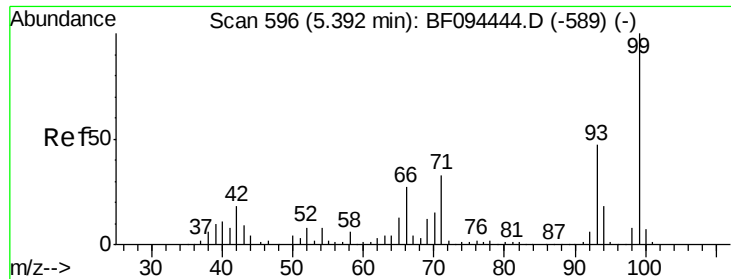
#5
 2-Fluorophenol
 Concen: 106.73 ng
 RT: 4.32 min Scan# 406
 Delta R.T. 0.02 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

Tgt Ion:112 Resp: 835009
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.0 69.0
 63 27.4 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: 112.16 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

Instrument :

BNA_F

ClientSampleId :

RT-1494-COMP

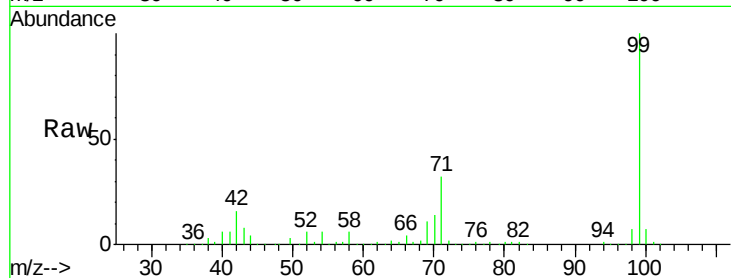
Tgt Ion: 99 Resp: 1034463

Ion Ratio Lower Upper

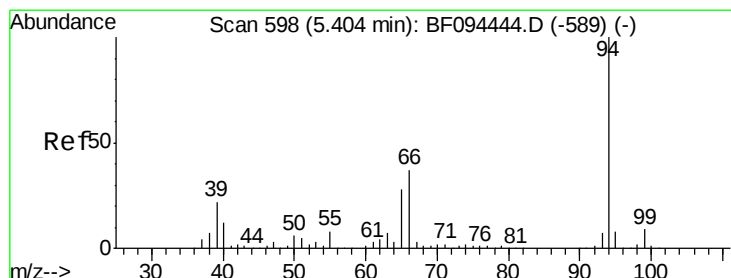
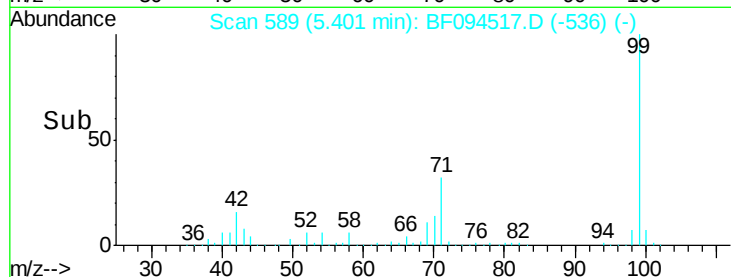
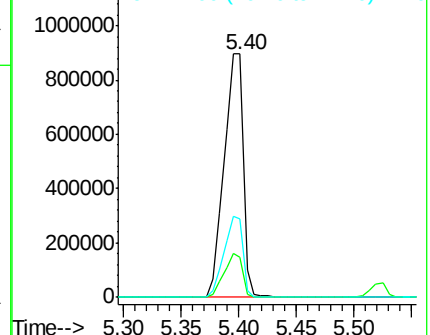
99 100

42 16.4 13.5 20.3

71 32.1 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: 2.08 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

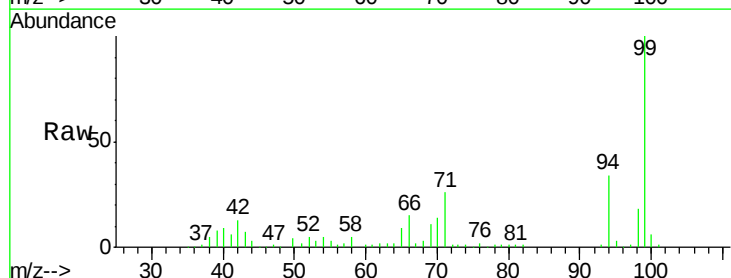
Tgt Ion: 94 Resp: 23518

Ion Ratio Lower Upper

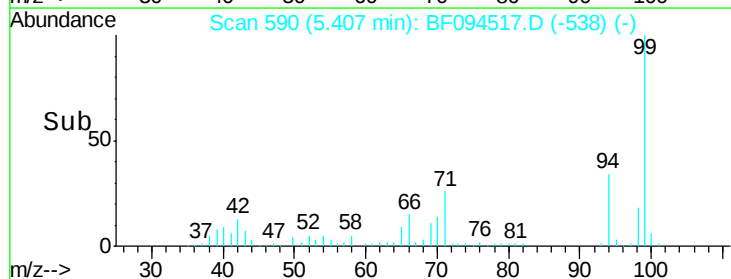
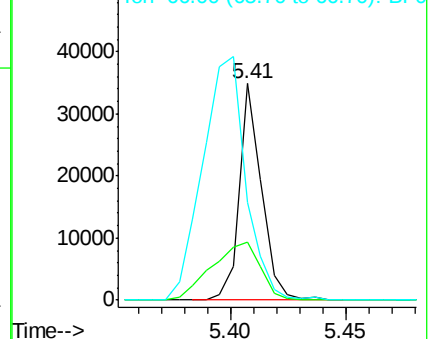
94 100

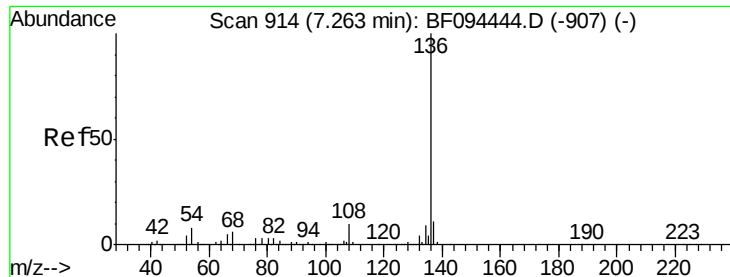
65 26.8 9.9 49.9

66 44.9 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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

Instrument :

BNA_F

ClientSampleId :

RT-1494-COMP

Tgt Ion:136 Resp: 506715

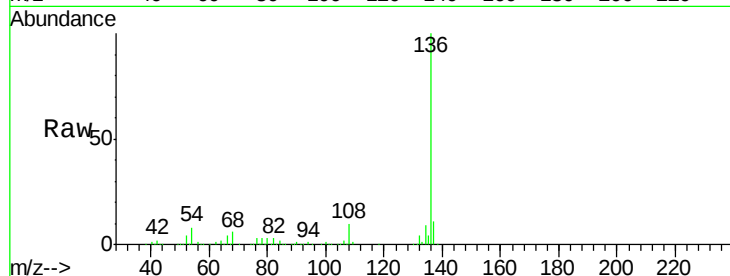
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 6.0 4.1 6.1

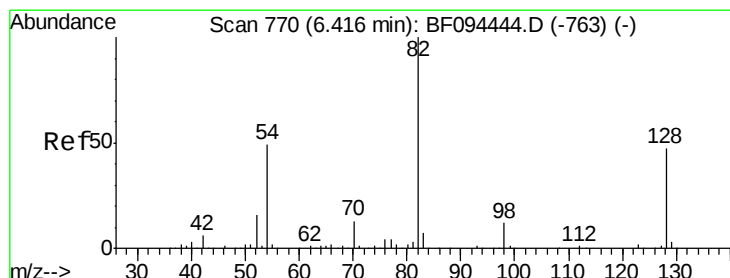
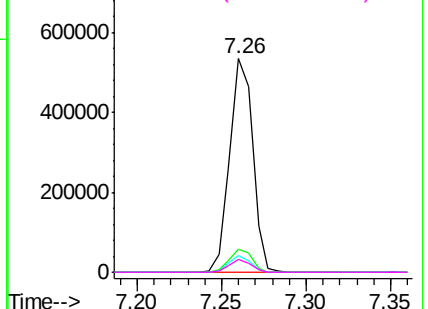
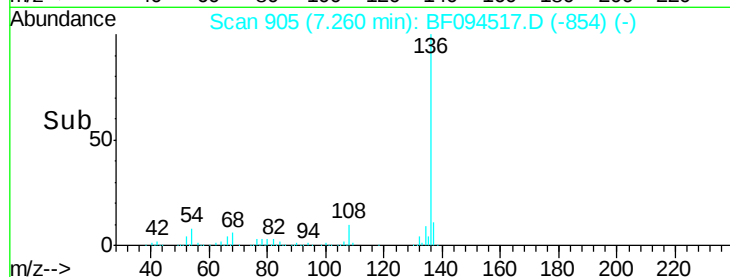


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.25 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094517.D

Acq: 19 Apr 2017 15:48

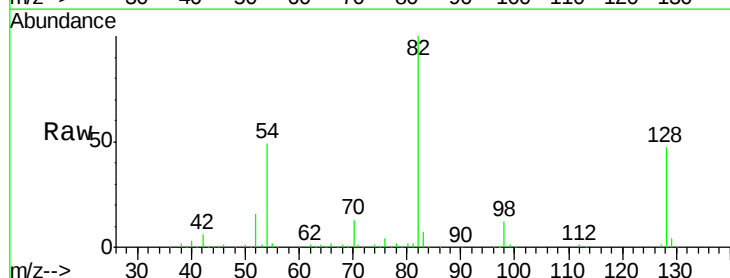
Tgt Ion: 82 Resp: 642099

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

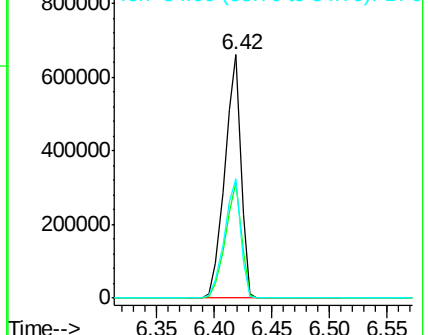
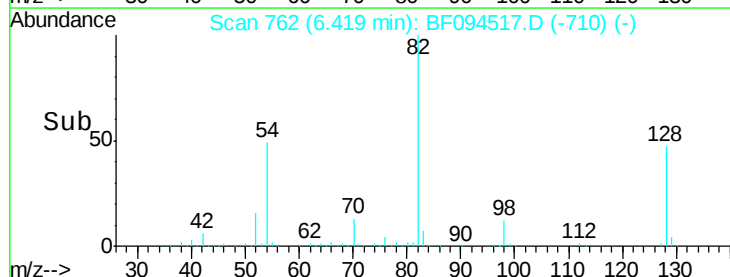
54 49.1 42.2 63.2

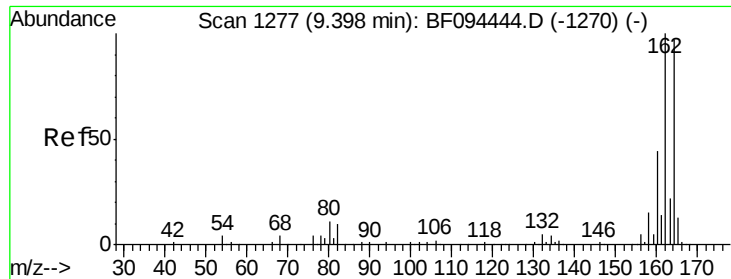


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

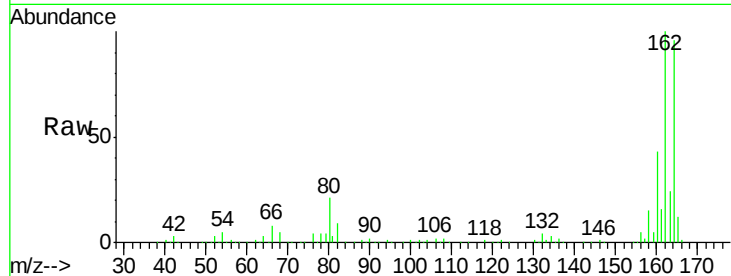




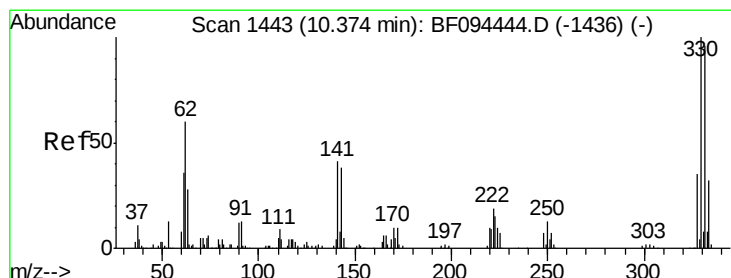
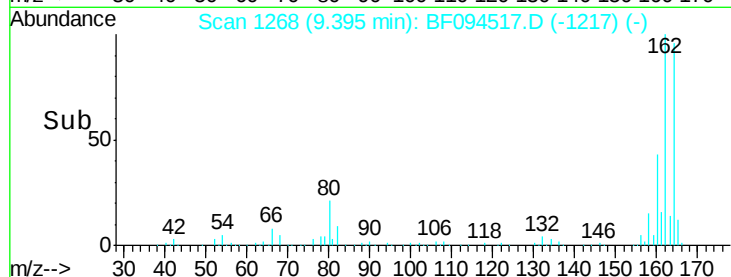
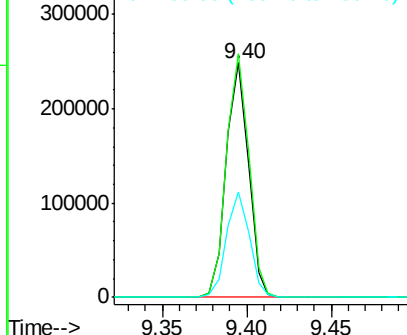
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Instrument :
BNA_F
ClientSampleId :
RT-1494-COMP

Tgt Ion:164 Resp: 229065
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 44.7 36.2 54.2

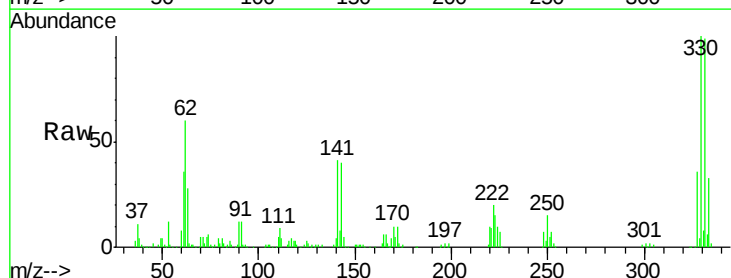


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

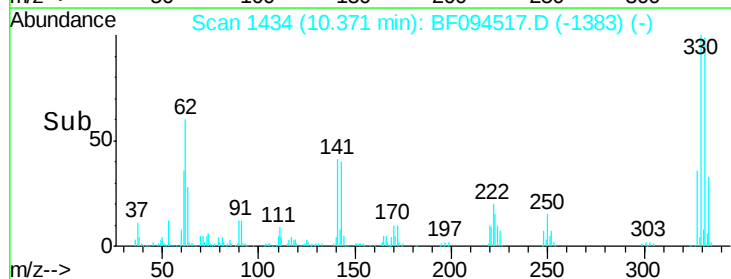
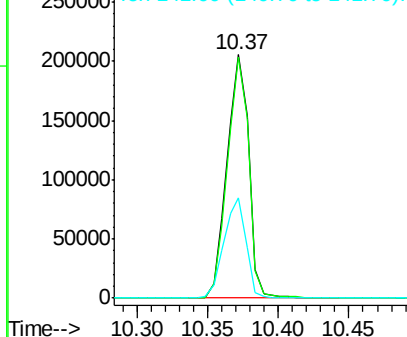


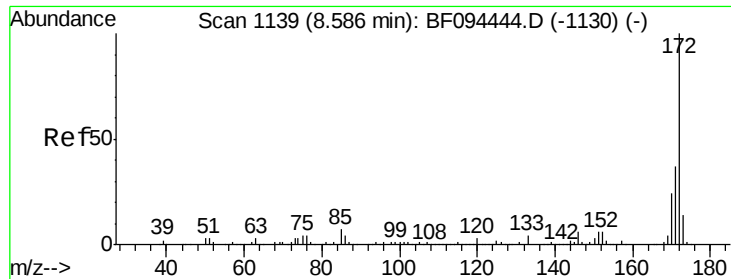
#41
2,4,6-Tribromophenol
Concen: 123.27 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Tgt Ion:330 Resp: 220869
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 41.7 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

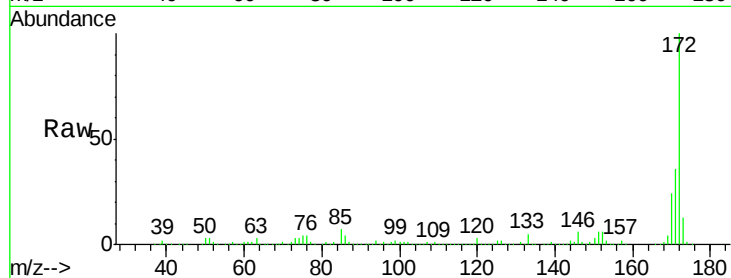




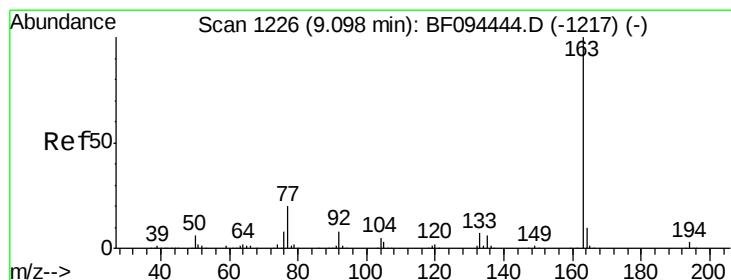
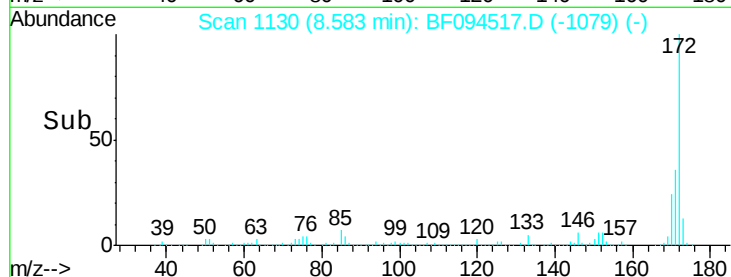
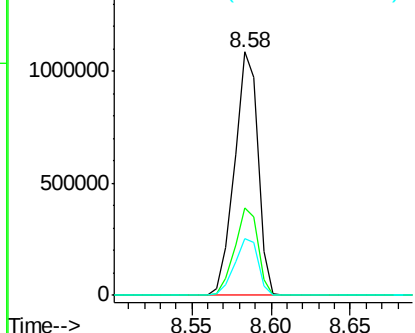
#44
2-Fluorobiphenyl
Concen: 71.54 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Instrument :
BNA_F
ClientSampleId :
RT-1494-COMP

Tgt Ion:172 Resp: 1113695
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.6 19.8 29.8

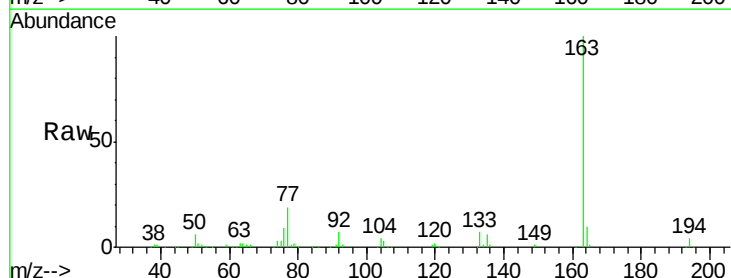


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

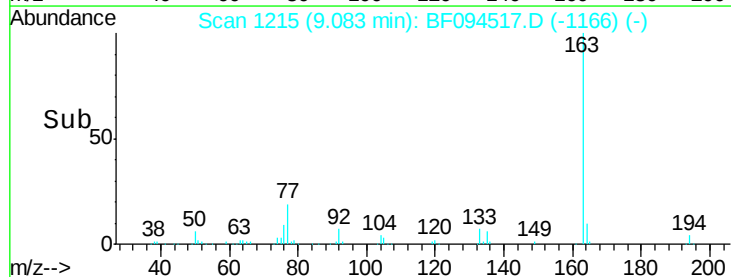
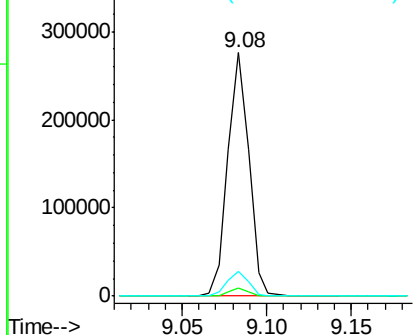


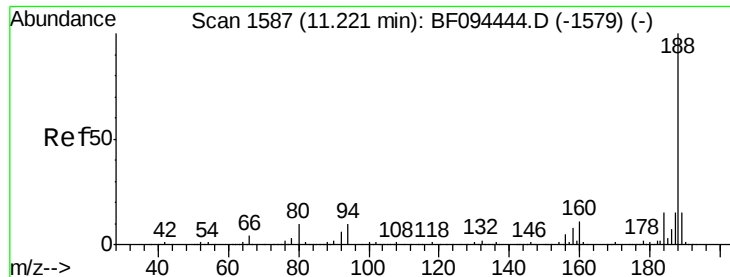
#49
Dimethylphthalate
Concen: 14.06 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Tgt Ion:163 Resp: 239943
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 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

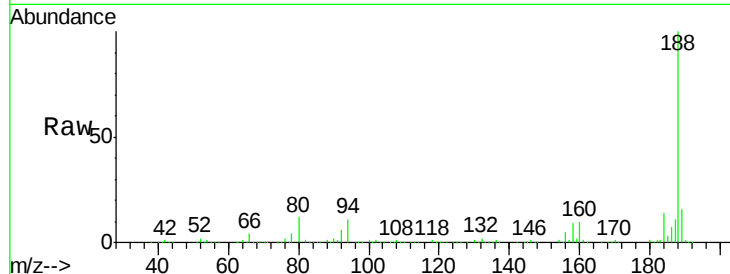




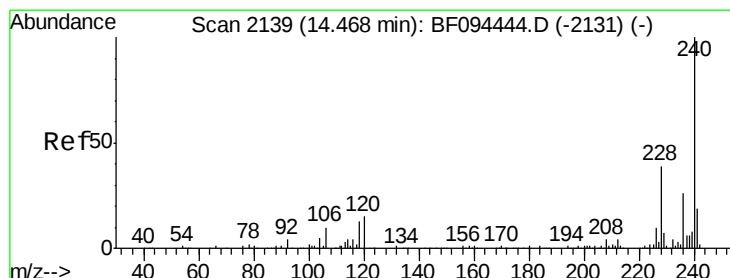
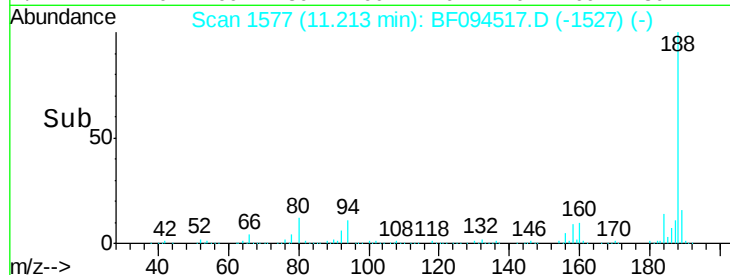
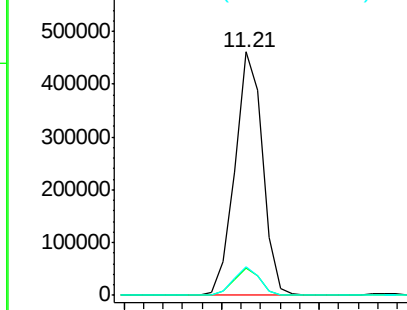
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 451341
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.9 10.2 15.2

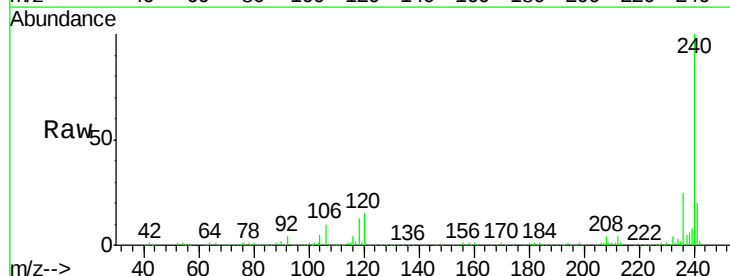


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

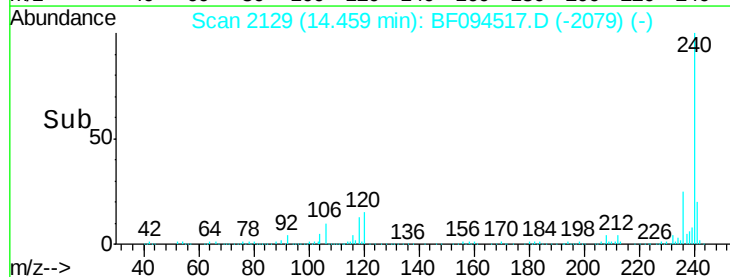
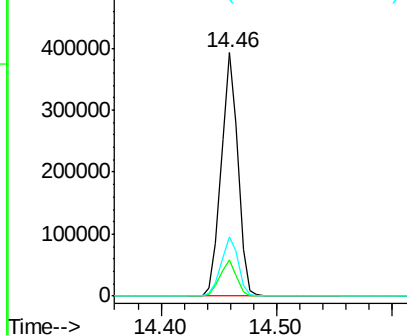


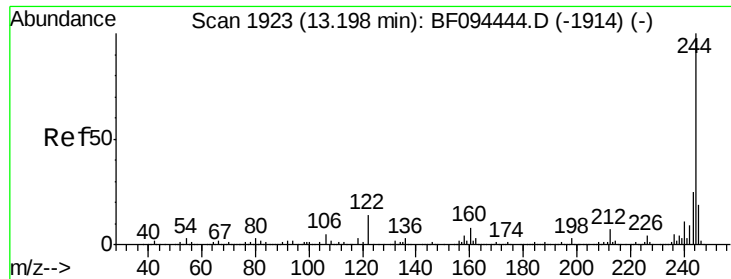
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094517.D
Acq: 19 Apr 2017 15:48

Tgt Ion:240 Resp: 395428
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 24.6 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

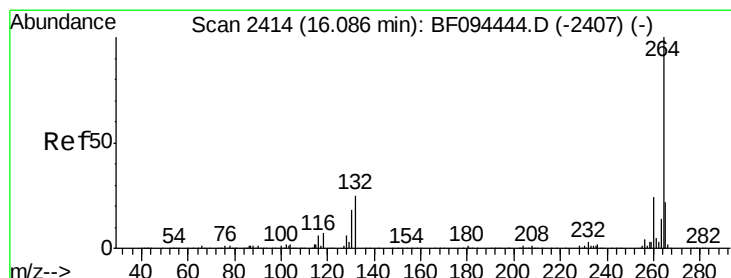
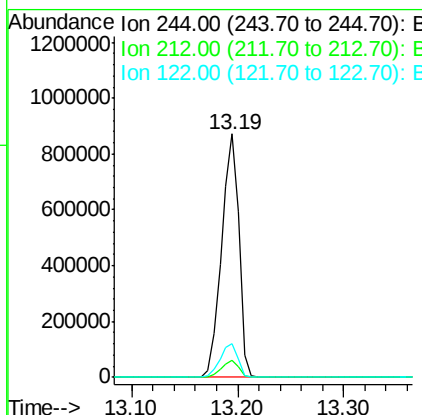
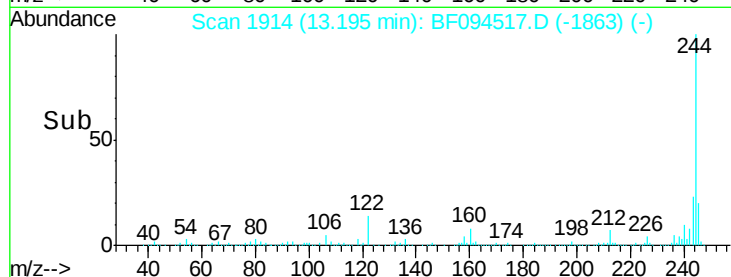
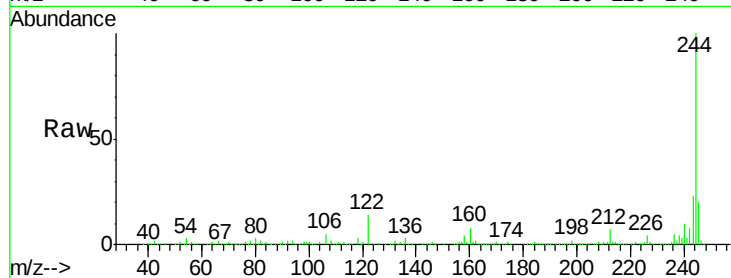




#78
 Terphenyl-d14
 Concen: 67.64 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1000604
 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: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094517.D
 Acq: 19 Apr 2017 15:48

Tgt Ion:264 Resp: 299161
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.5 17.2 25.8

