

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090014.D
 Acq On : 7 Sep 2016 19:36
 Operator : UM/SJ
 Sample : H4676-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-13

Quant Time: Sep 08 07:38:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

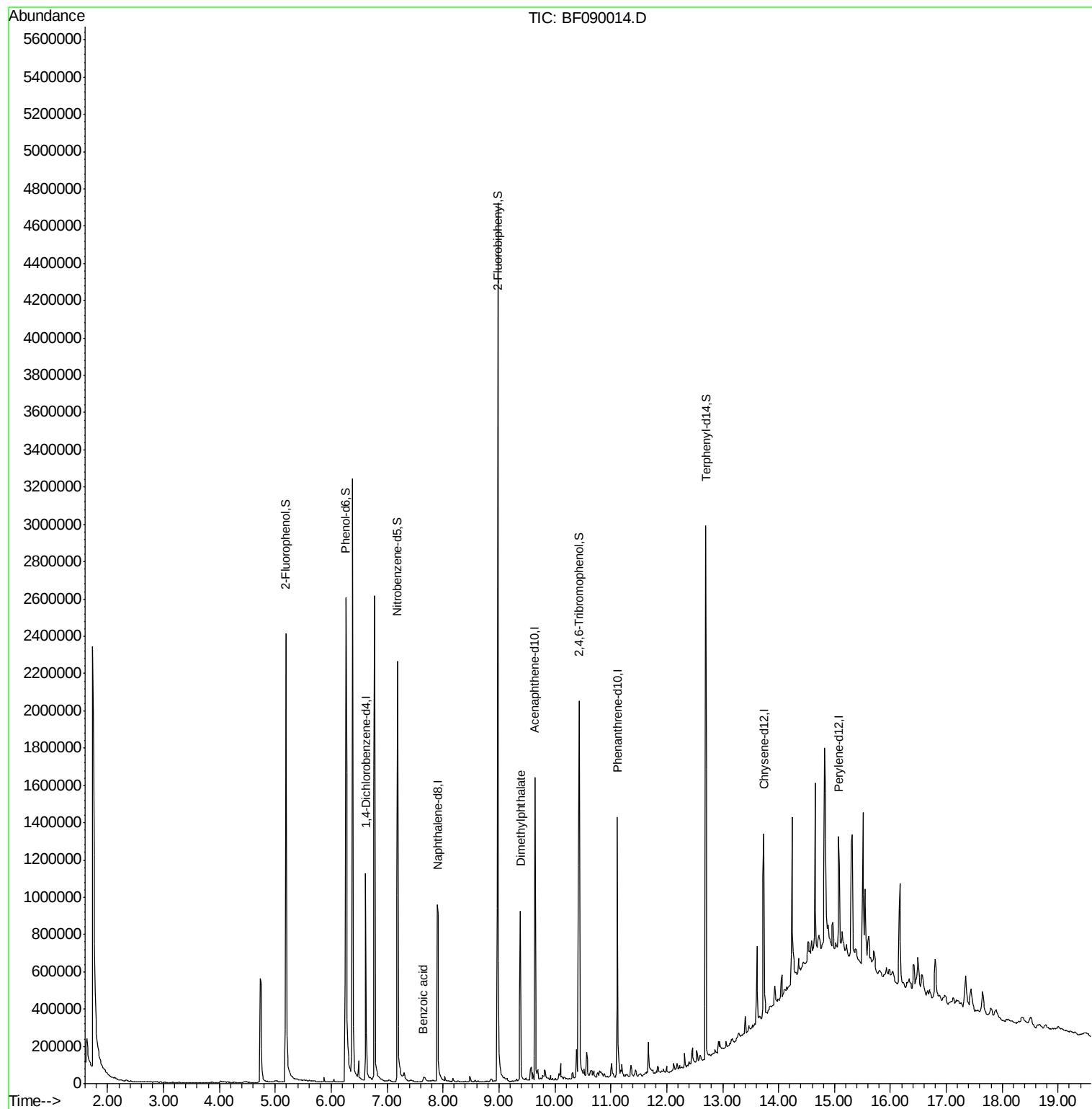
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	199877	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	754074	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	352036	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	583362	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	447779	20.00	ng	-0.02
86) Perylene-d12	15.07	264	333200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1136627	91.02	ng	-0.02
7) Phenol-d6	6.26	99	1477921	97.40	ng	-0.02
23) Nitrobenzene-d5	7.19	82	928740	71.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	330568	95.18	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1592597	74.26	ng	-0.02
78) Terphenyl-d14	12.70	244	1152120	63.56	ng	-0.03
Target Compounds						
32) Benzoic acid	7.64	122	19487	2.37	ng	97
49) Dimethylphthalate	9.38	163	472281	18.56	ng	98

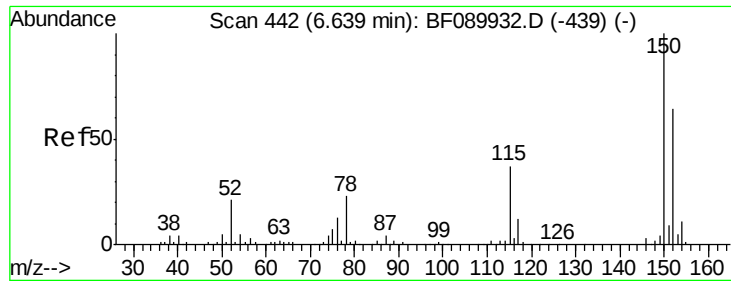
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090014.D

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Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-13

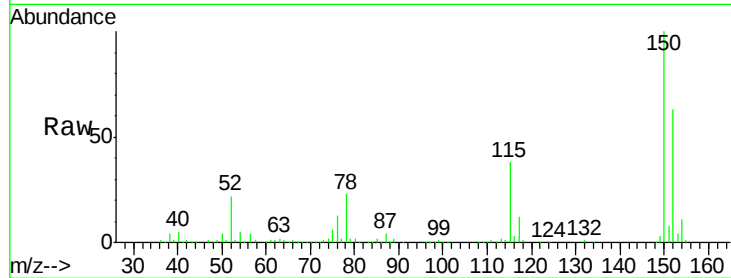
Tgt Ion:152 Resp: 199877

Ion Ratio Lower Upper

152 100

150 158.4 127.4 191.2

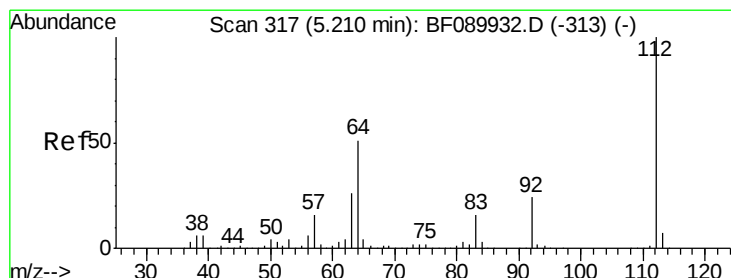
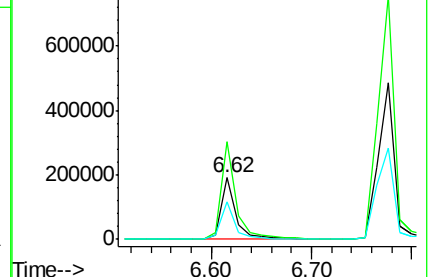
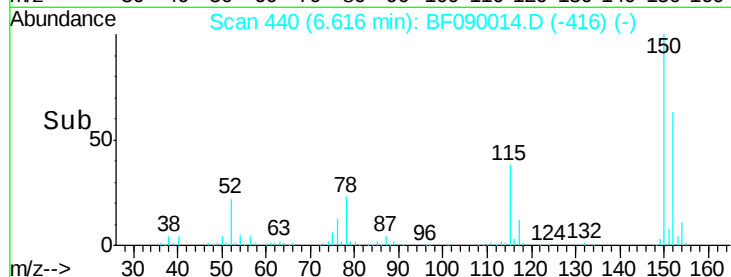
115 60.6 46.3 69.5



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: 91.02 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.02 min

Lab File: BF090014.D

Acq: 7 Sep 2016 19:36

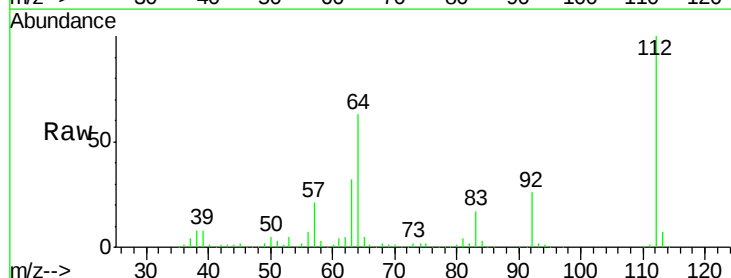
Tgt Ion:112 Resp: 1136627

Ion Ratio Lower Upper

112 100

64 63.3 41.1 61.7#

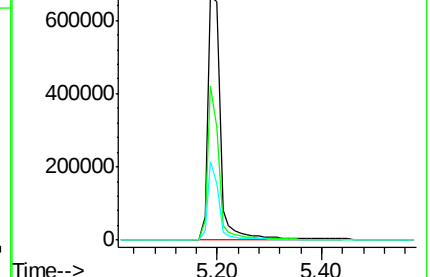
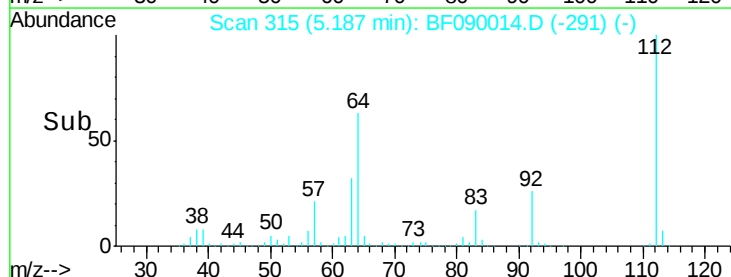
63 32.3 21.2 31.8#

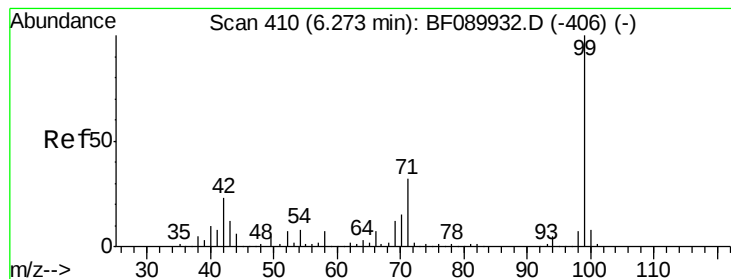


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.40 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090014.D

Acq: 7 Sep 2016 19:36

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-13

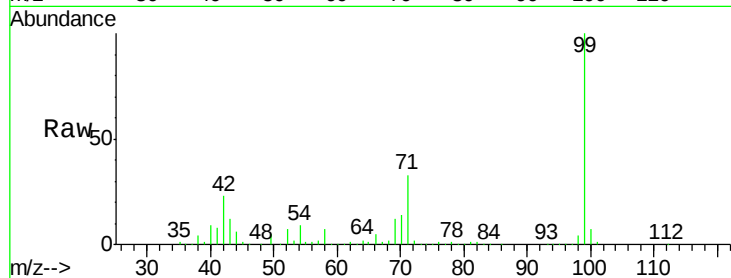
Tgt Ion: 99 Resp: 1477921

Ion Ratio Lower Upper

99 100

42 23.5 18.6 27.8

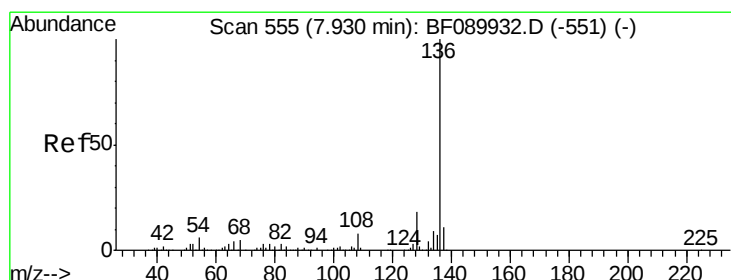
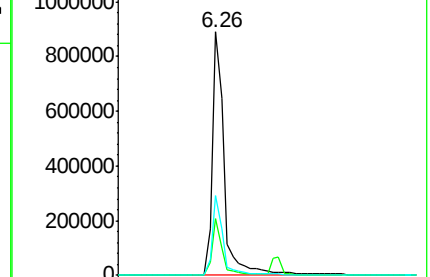
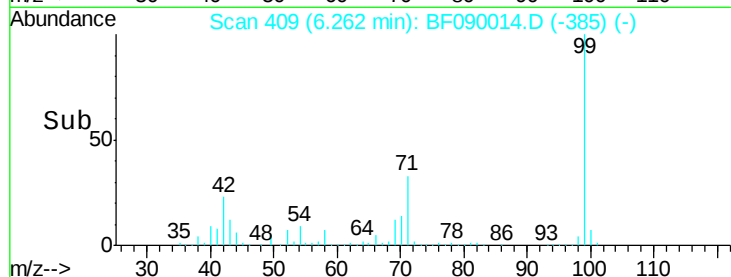
71 32.7 25.8 38.6



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF090014.D

Acq: 7 Sep 2016 19:36

Tgt Ion: 136 Resp: 754074

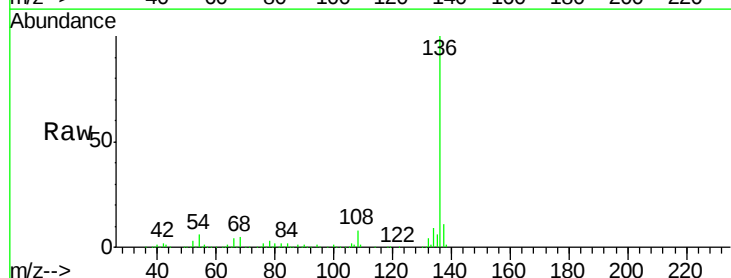
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 6.4 4.8 7.2

68 4.6 3.7 5.5

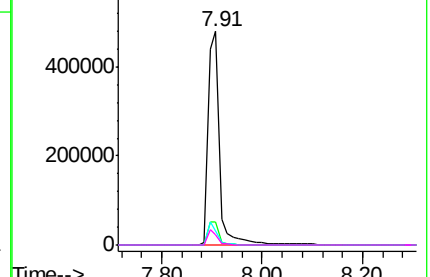
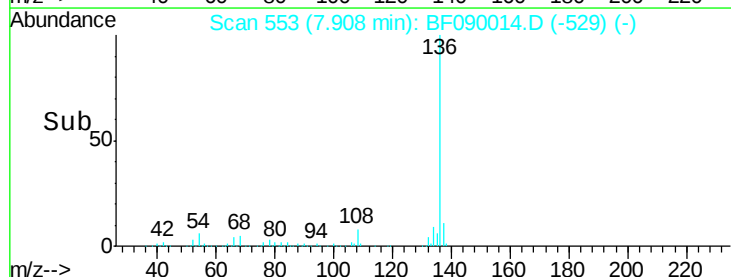


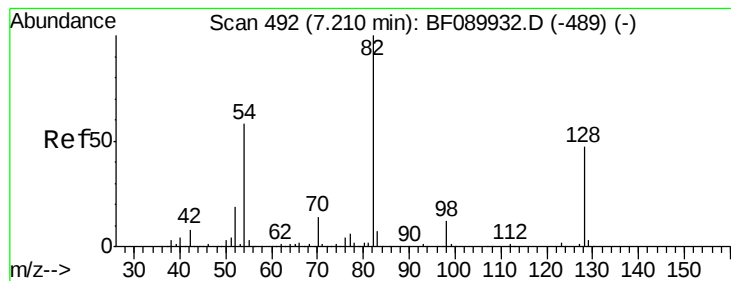
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.43 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090014.D

Acq: 7 Sep 2016 19:36

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-13

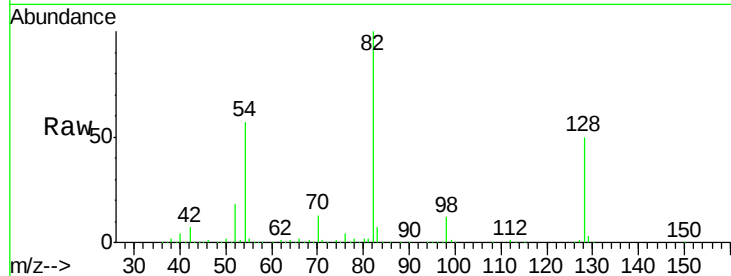
Tgt Ion: 82 Resp: 928740

Ion Ratio Lower Upper

82 100

128 49.6 37.8 56.8

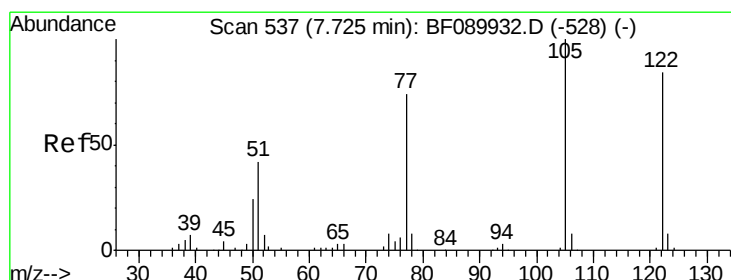
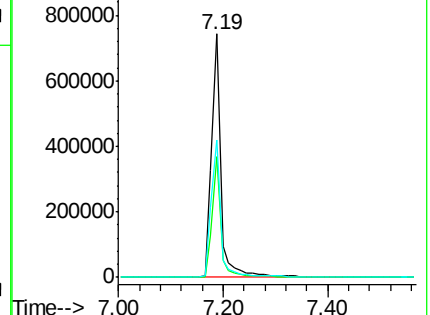
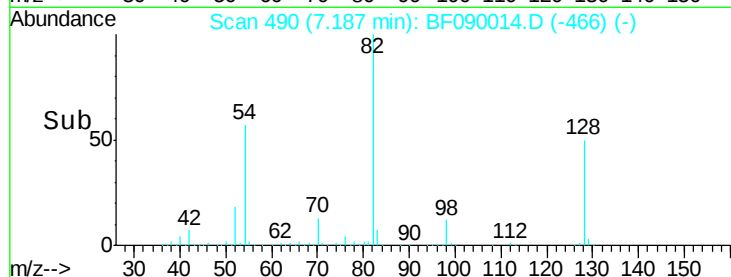
54 56.6 46.9 70.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 2.37 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.09 min

Lab File: BF090014.D

Acq: 7 Sep 2016 19:36

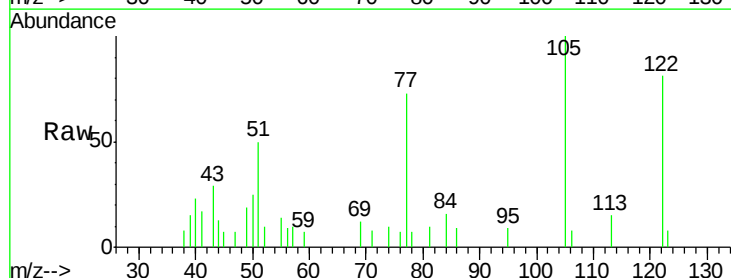
Tgt Ion: 122 Resp: 19487

Ion Ratio Lower Upper

122 100

105 123.6 102.2 142.2

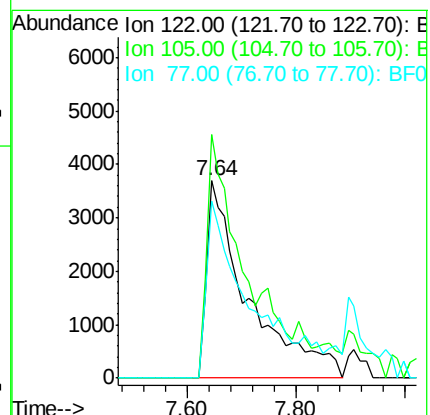
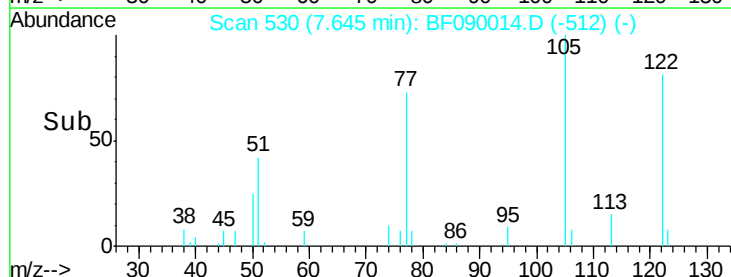
77 89.9 74.1 114.1

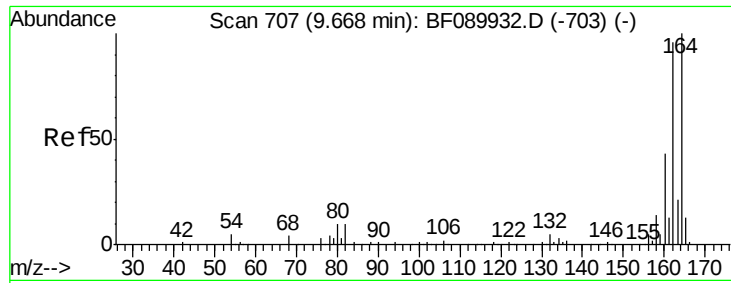


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

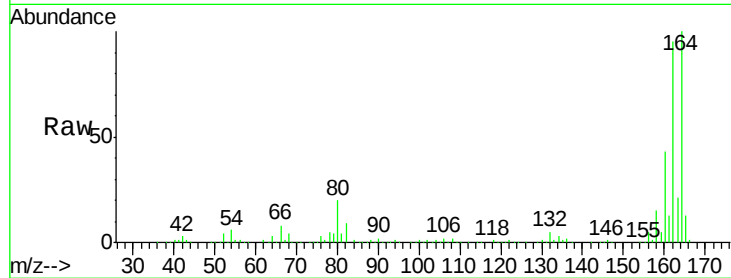




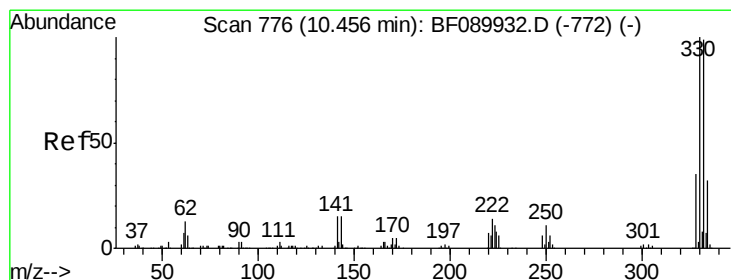
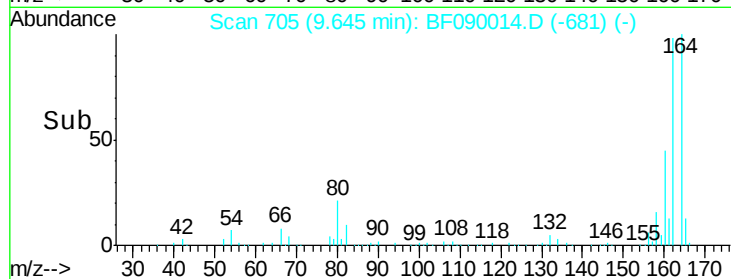
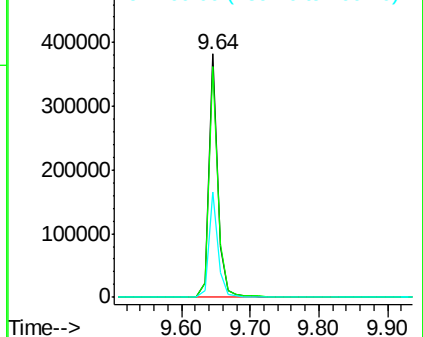
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-13

Tgt Ion:164 Resp: 352036
Ion Ratio Lower Upper
164 100
162 94.8 77.1 115.7
160 43.1 35.3 52.9

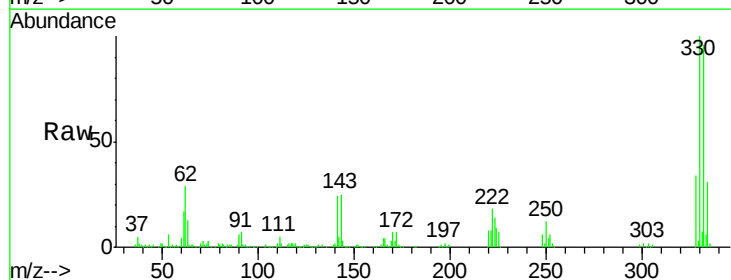


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

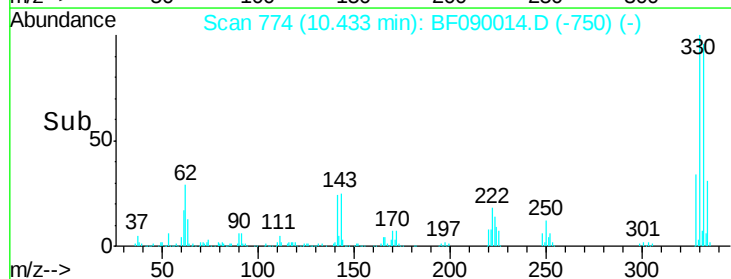
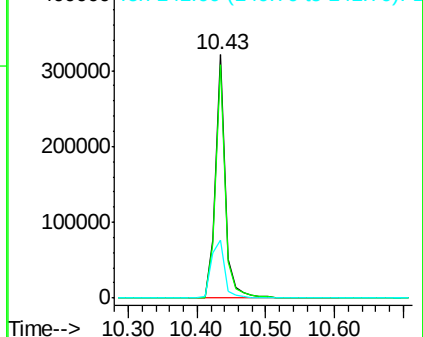


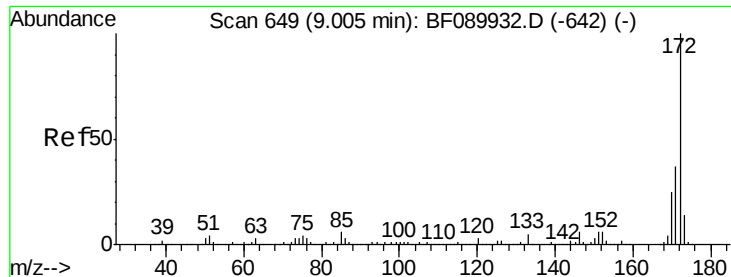
#41
2,4,6-Tribromophenol
Concen: 95.18 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:330 Resp: 330568
Ion Ratio Lower Upper
330 100
332 95.5 78.6 117.8
141 32.4 23.3 34.9



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

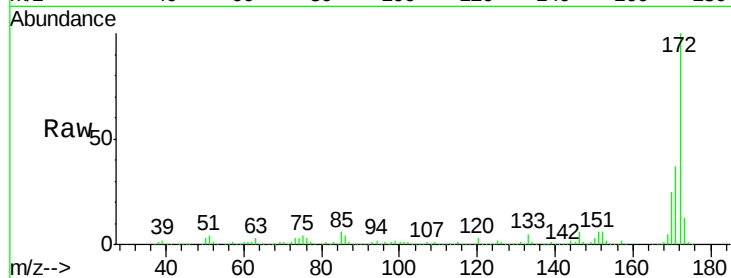




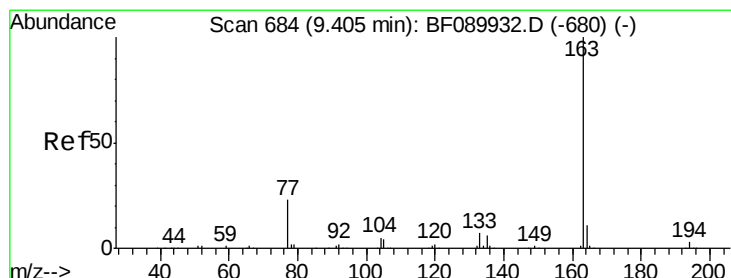
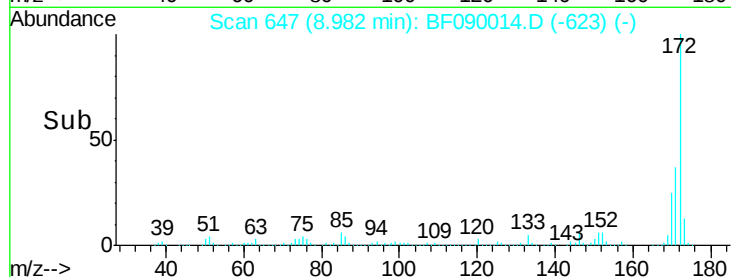
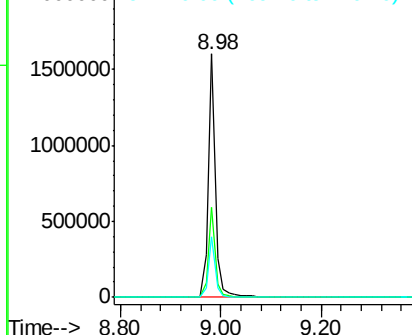
#44
 2-Fluorobiphenyl
 Concen: 74.26 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090014.D
 Acq: 7 Sep 2016 19:36

Instrument :
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 ClientSampleId :
 RAMP-A(0-2)-13

Tgt Ion:172 Resp: 1592597
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.2
 170 25.0 20.1 30.1

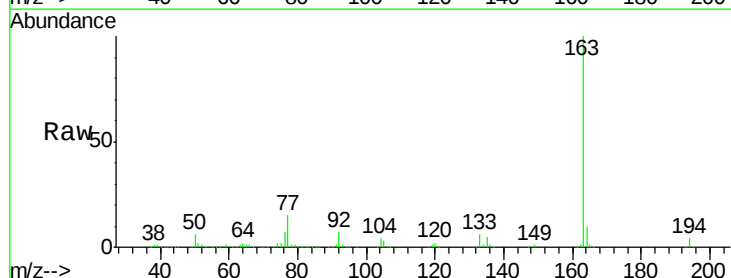


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

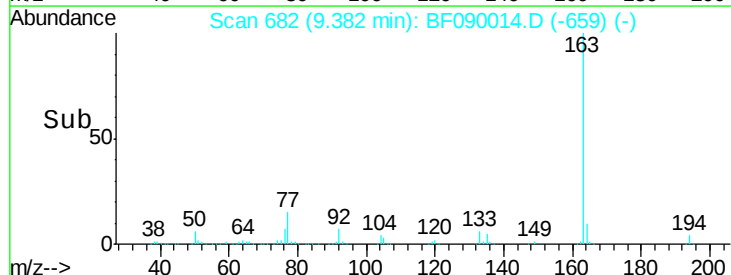
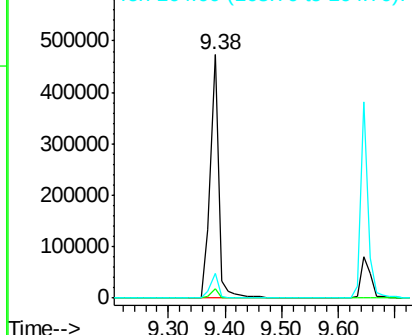


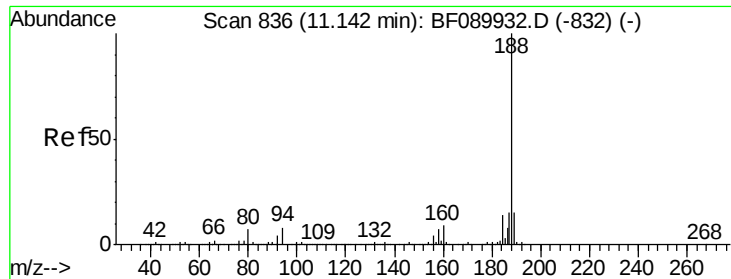
#49
 Dimethylphthalate
 Concen: 18.56 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF090014.D
 Acq: 7 Sep 2016 19:36

Tgt Ion:163 Resp: 472281
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.3 9.0 13.4



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

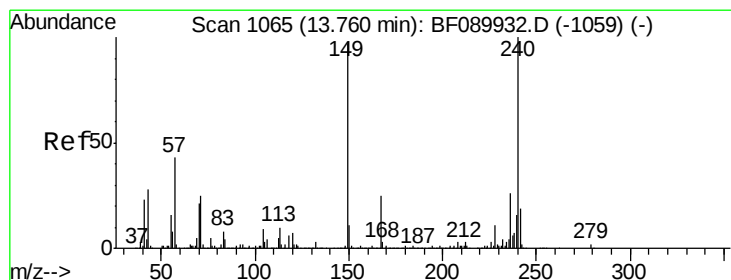
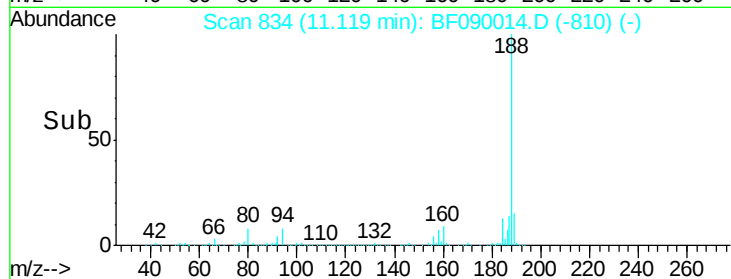
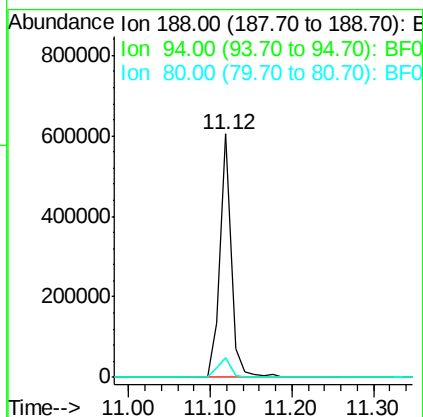
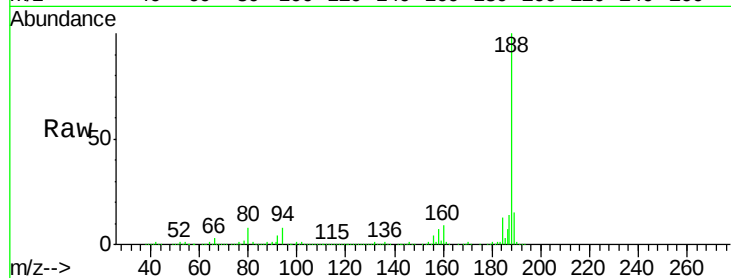




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

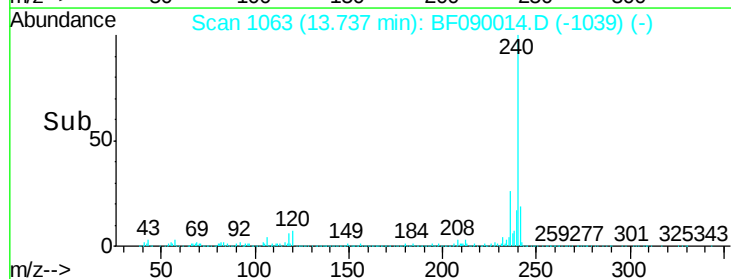
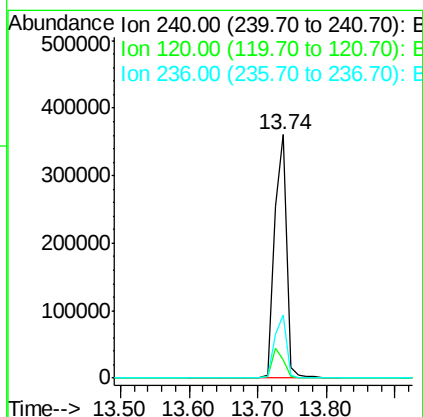
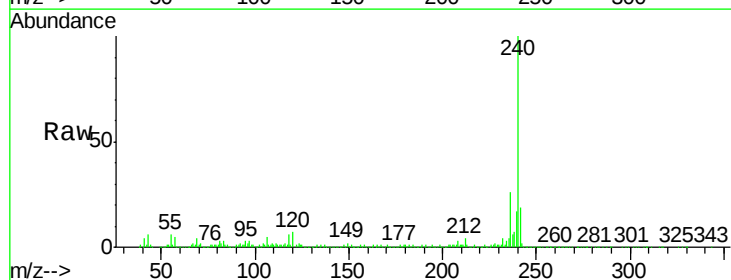
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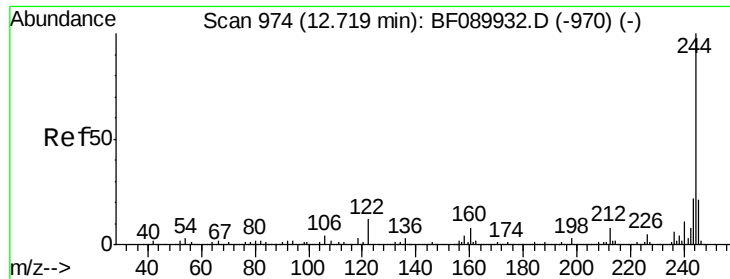
Tgt Ion:188 Resp: 583362
Ion Ratio Lower Upper
188 100
94 7.9 5.9 8.9
80 8.0 5.8 8.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF090014.D
Acq: 7 Sep 2016 19:36

Tgt Ion:240 Resp: 447779
Ion Ratio Lower Upper
240 100
120 7.4 5.7 8.5
236 26.1 21.3 31.9

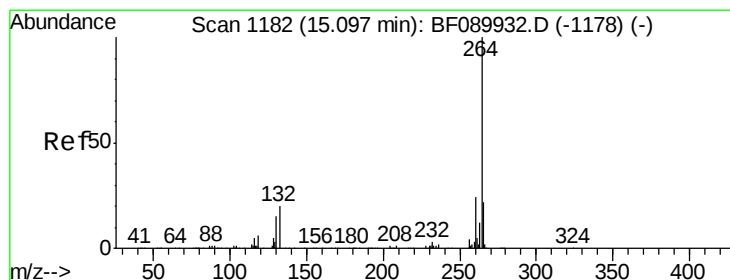
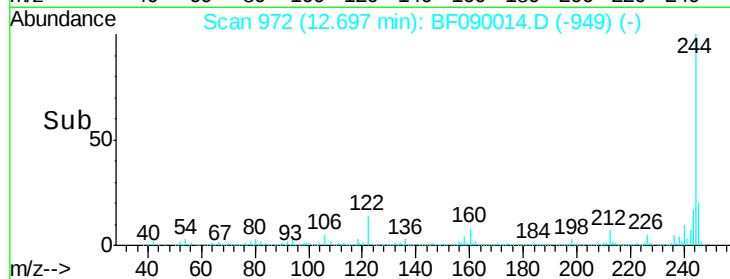
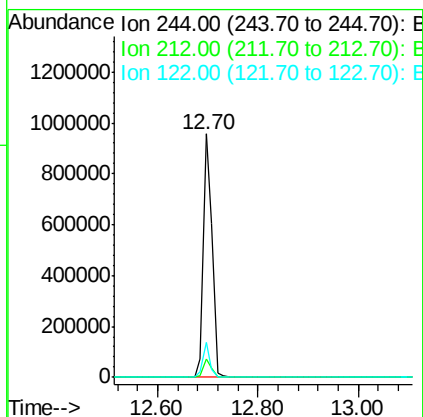
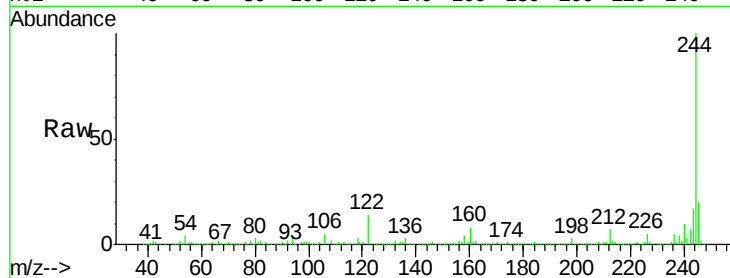




#78
 Terphenyl-d14
 Concen: 63.56 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.03 min
 Lab File: BF090014.D
 Acq: 7 Sep 2016 19:36

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-13

Tgt Ion:244 Resp: 1152120
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 14.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF090014.D
 Acq: 7 Sep 2016 19:36

Tgt Ion:264 Resp: 333200
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.0
 265 21.9 17.4 26.2

