

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089355.D
 Acq On : 28 Jul 2016 9:22
 Operator : UM/SJ
 Sample : H4155-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-4

Quant Time: Jul 28 11:55:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

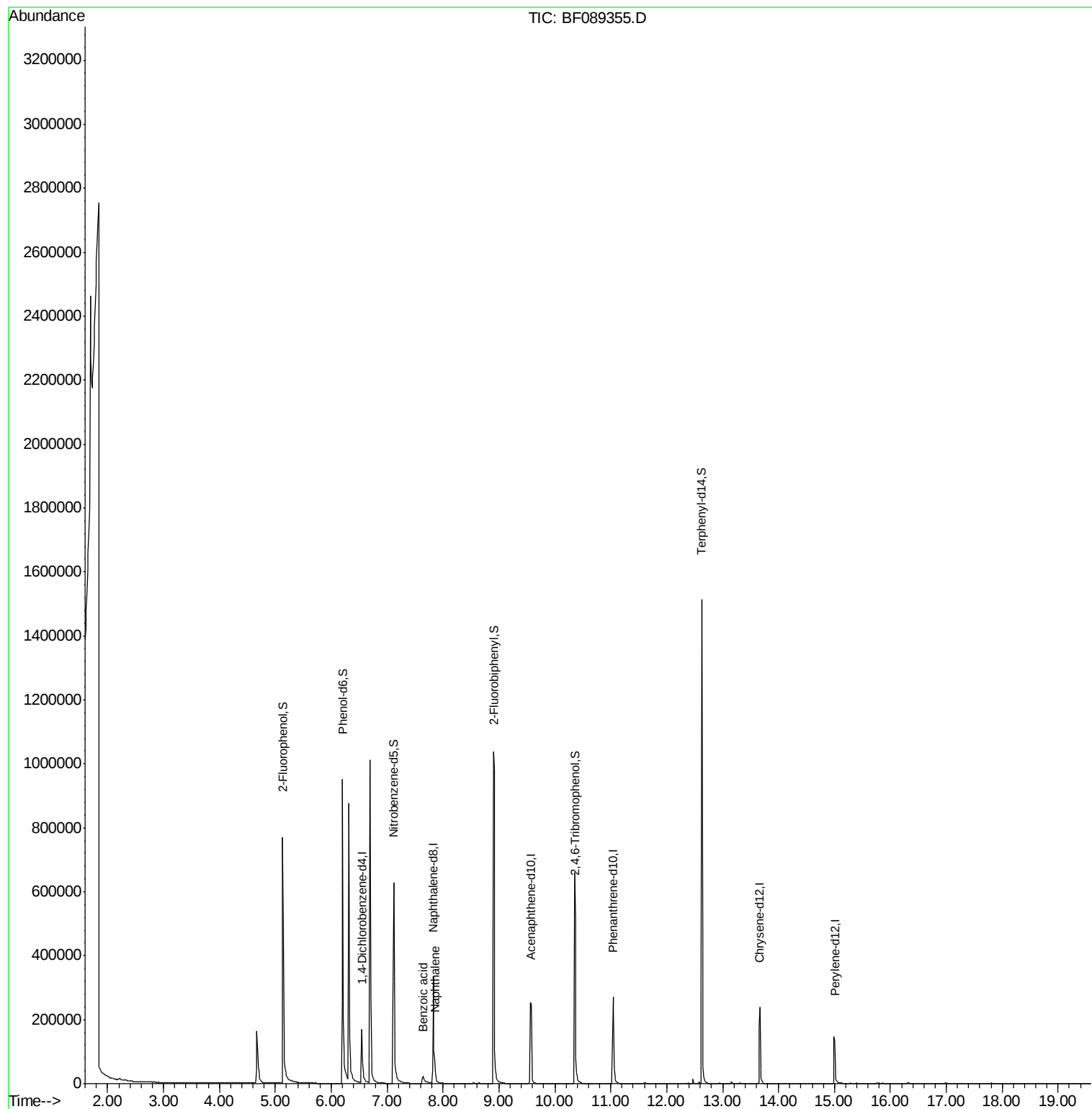
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	41179	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	187195	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	84500	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	169732	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	127402	20.00	ng	0.00
86) Perylene-d12	15.01	264	94703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	339405	131.60	ng	0.02
7) Phenol-d6	6.20	99	445254	130.64	ng	0.00
23) Nitrobenzene-d5	7.12	82	324622	102.36	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	108446	154.96	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	574372	99.76	ng	0.00
78) Terphenyl-d14	12.63	244	515200	94.65	ng	0.00
Target Compounds						
31) Naphthalene	7.85	128	42032	4.53	ng	99
32) Benzoic acid	7.64	122	19663	10.98	ng	94

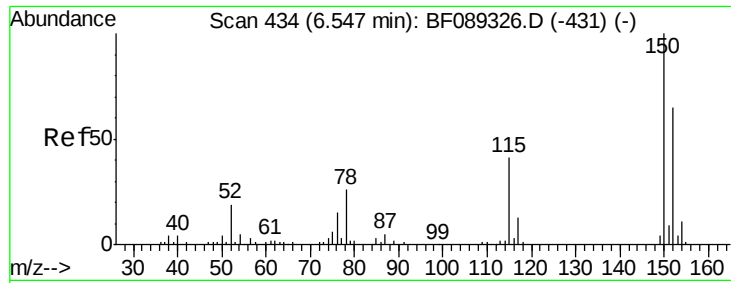
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089355.D

Acq: 28 Jul 2016 9:22

Instrument :

BNA_F

ClientSampleId :

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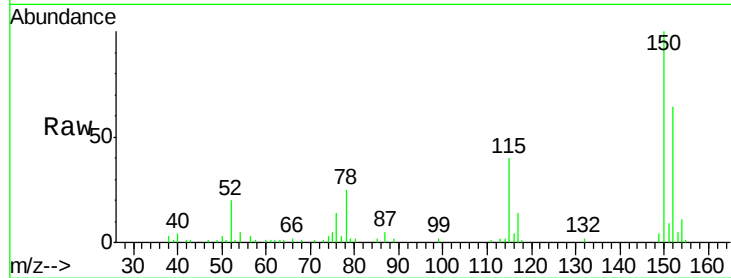
Tgt Ion:152 Resp: 41179

Ion Ratio Lower Upper

152 100

150 156.7 129.5 194.3

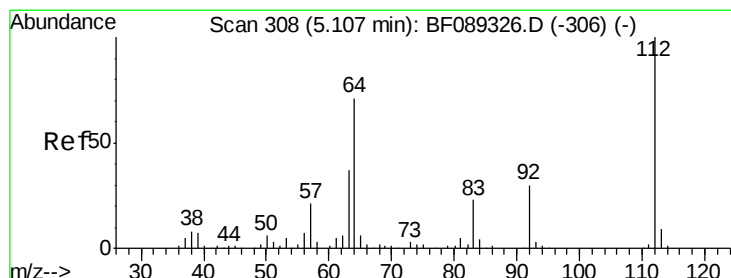
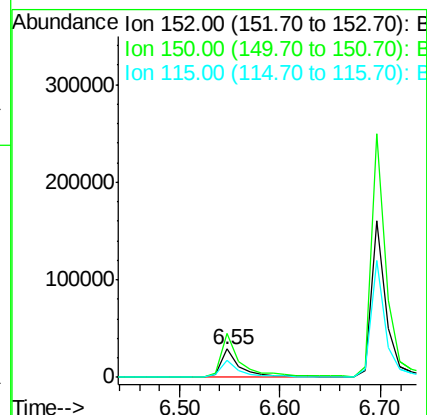
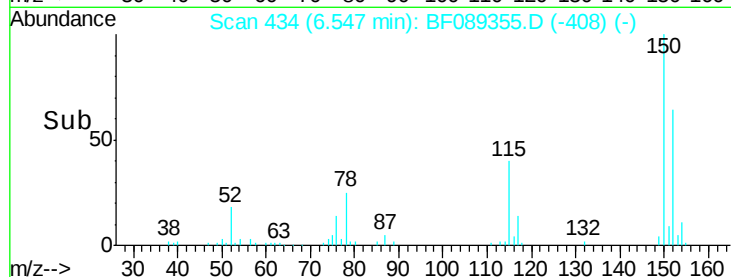
115 62.9 51.4 77.2



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: 131.60 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089355.D

Acq: 28 Jul 2016 9:22

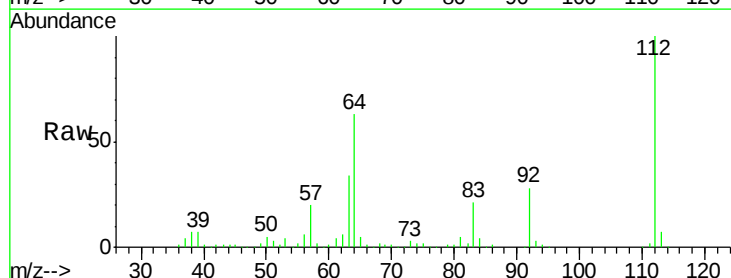
Tgt Ion:112 Resp: 339405

Ion Ratio Lower Upper

112 100

64 63.1 55.0 82.6

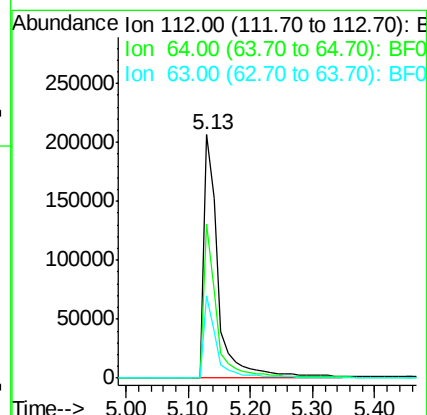
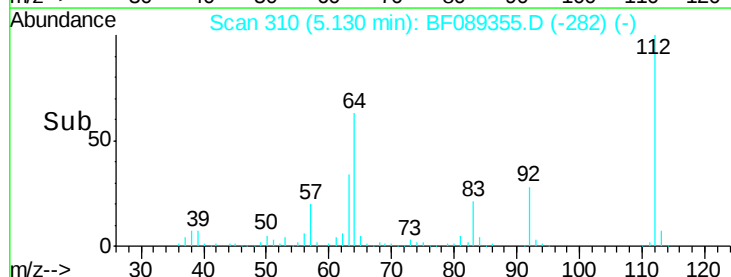
63 34.0 29.4 44.2

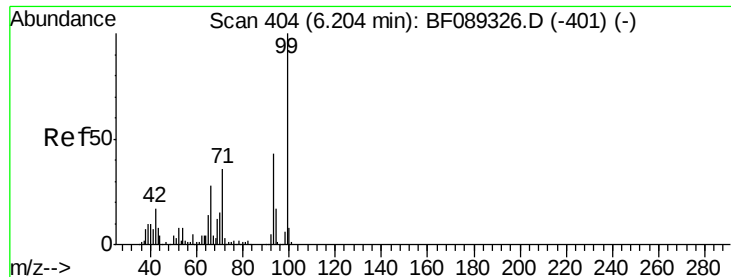


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.64 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089355.D

Acq: 28 Jul 2016 9:22

Instrument :

BNA_F

ClientSampleId :

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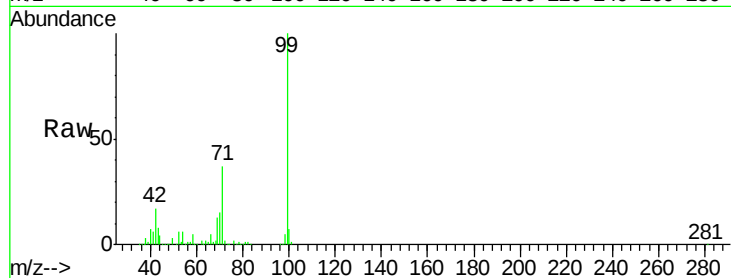
Tgt Ion: 99 Resp: 445254

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

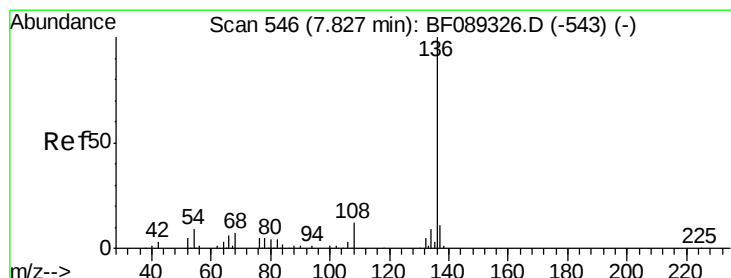
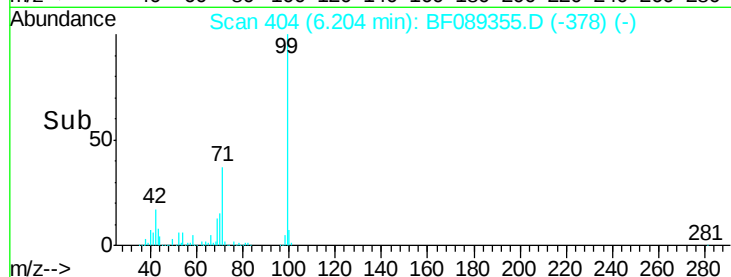
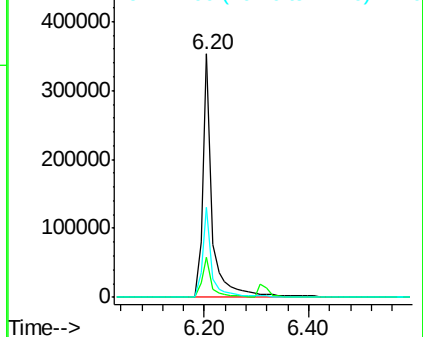
71 37.1 29.4 44.2



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: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089355.D

Acq: 28 Jul 2016 9:22

Tgt Ion: 136 Resp: 187195

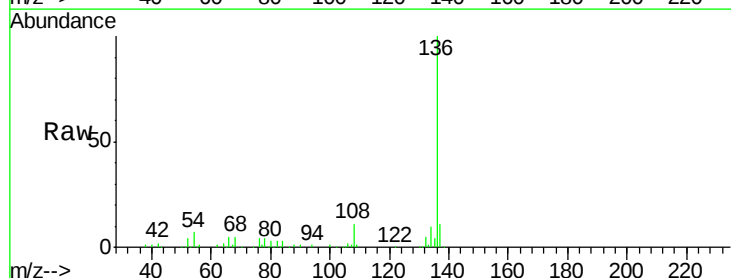
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.1 7.0 10.4

68 5.3 4.9 7.3

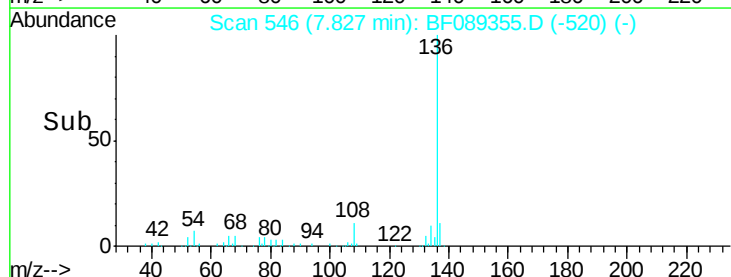
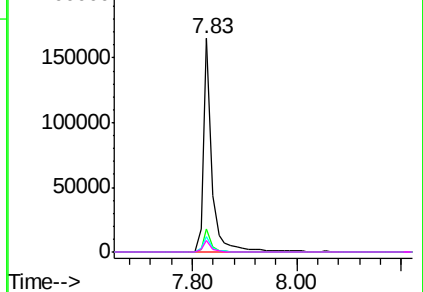


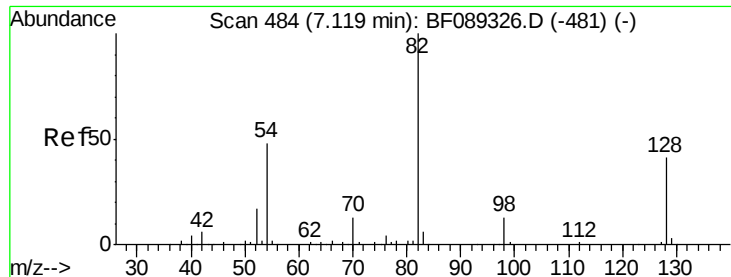
Abundance Ion 136.00 (135.70 to 136.70): E

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

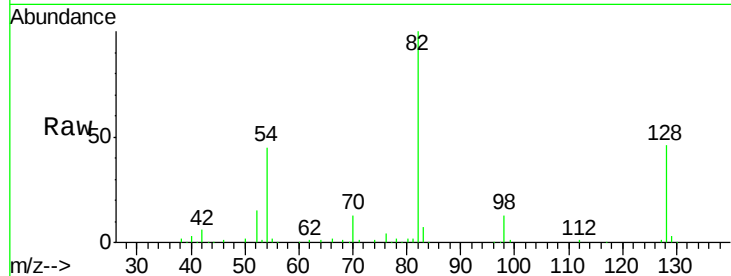




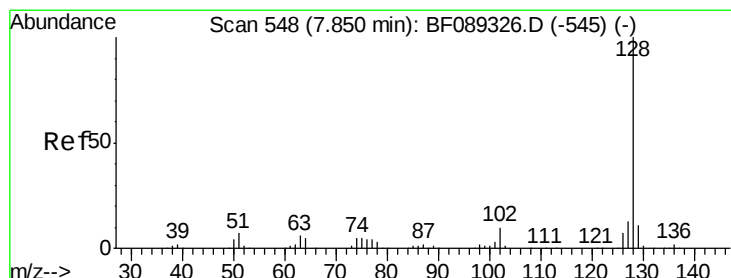
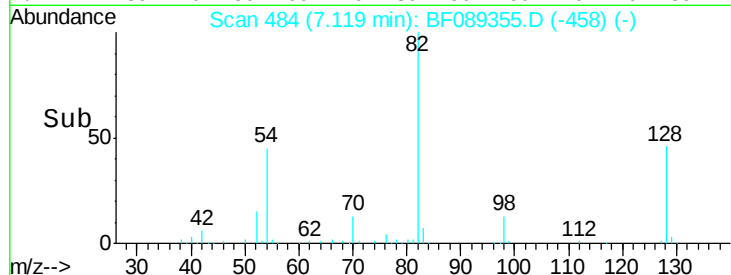
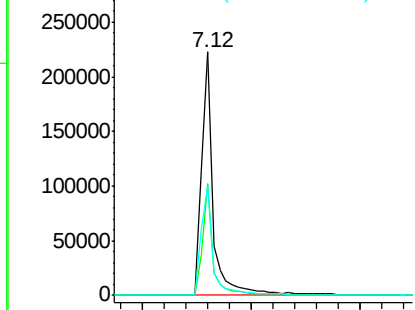
#23
 Nitrobenzene-d5
 Concen: 102.36 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089355.D
 Acq: 28 Jul 2016 9:22

Instrument :
 BNA_F
 ClientSampleId :
 I-4

Tgt Ion: 82 Resp: 324622
 Ion Ratio Lower Upper
 82 100
 128 45.7 32.5 48.7
 54 44.9 38.8 58.2

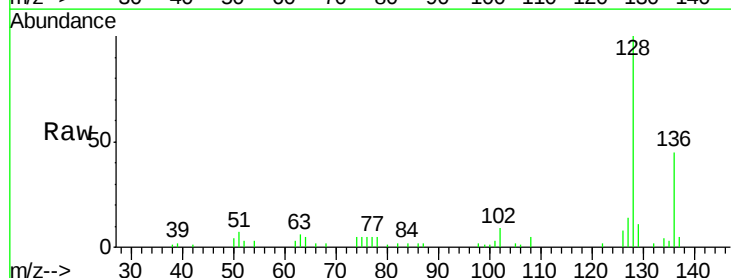


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

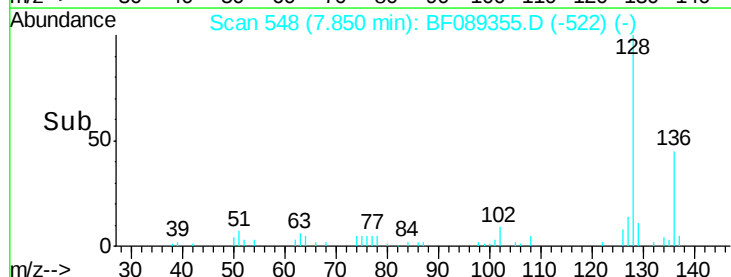
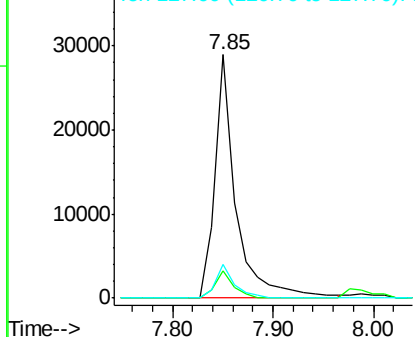


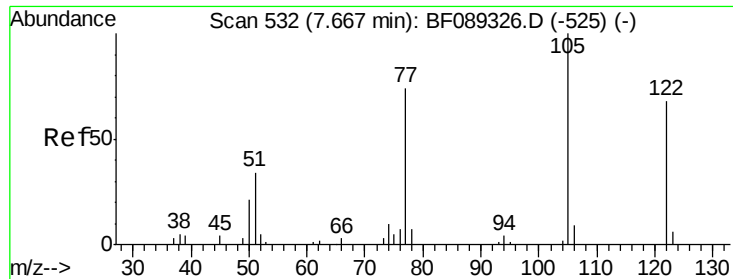
#31
 Naphthalene
 Concen: 4.53 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF089355.D
 Acq: 28 Jul 2016 9:22

Tgt Ion: 128 Resp: 42032
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 10.98 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF089355.D

Acq: 28 Jul 2016 9:22

Instrument :

BNA_F

ClientSampleId :

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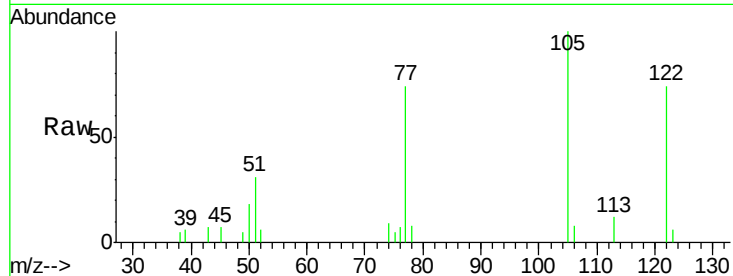
Tgt Ion:122 Resp: 19663

Ion Ratio Lower Upper

122 100

105 135.2 106.4 146.4

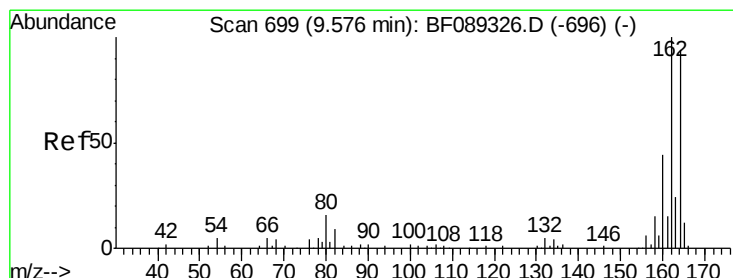
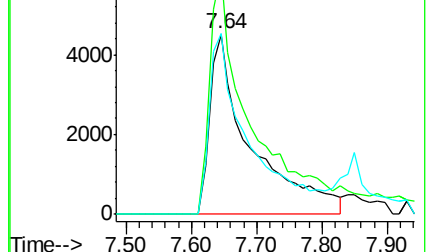
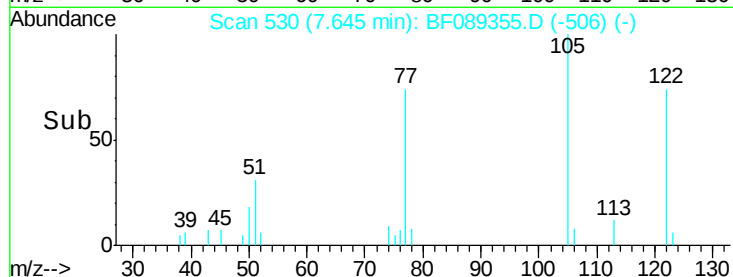
77 100.3 76.4 116.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089355.D

Acq: 28 Jul 2016 9:22

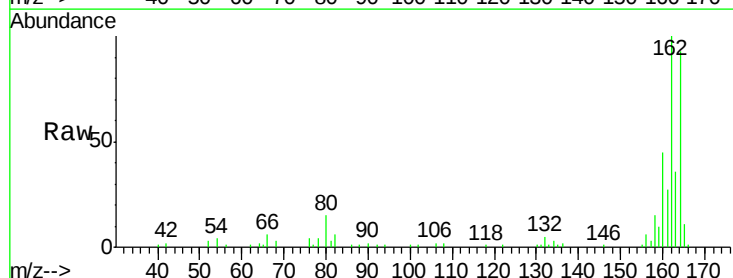
Tgt Ion:164 Resp: 84500

Ion Ratio Lower Upper

164 100

162 107.7 83.7 125.5

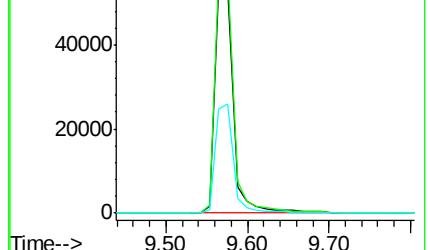
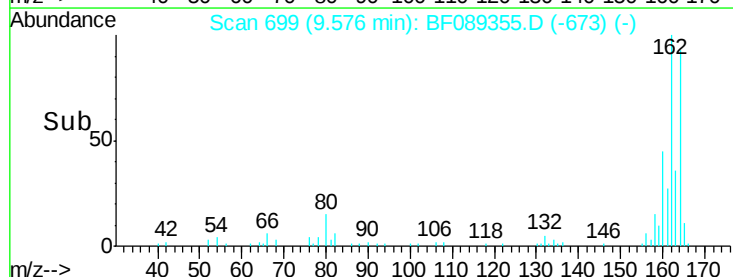
160 48.1 37.8 56.6

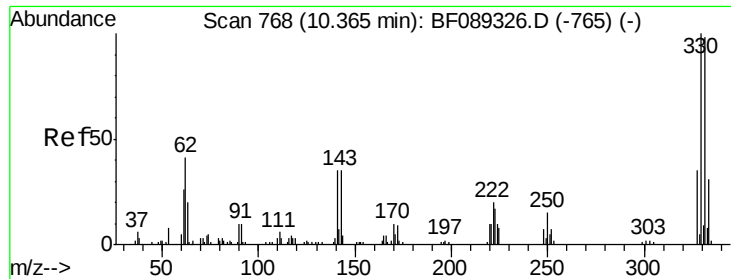


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

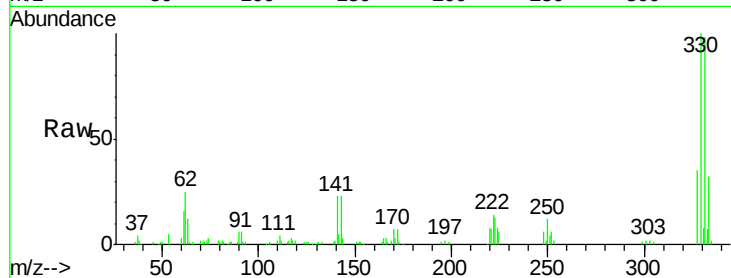




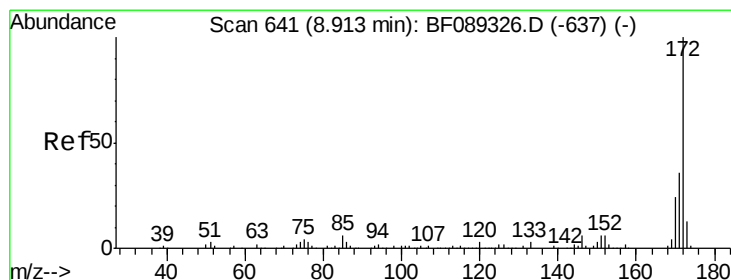
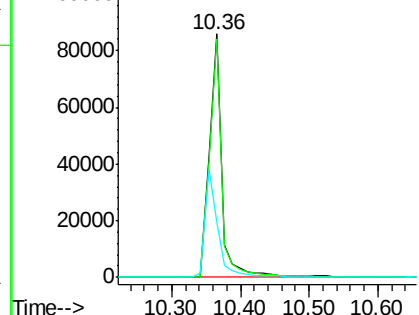
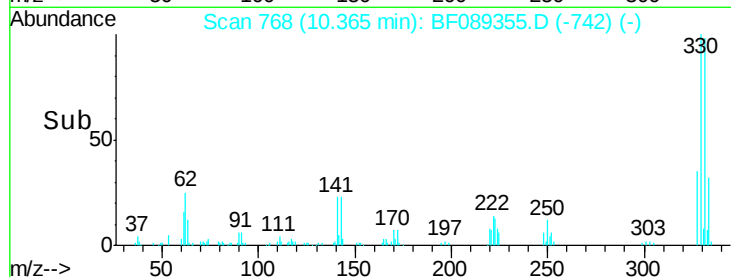
#41
 2,4,6-Tribromophenol
 Concen: 154.96 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089355.D
 Acq: 28 Jul 2016 9:22

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 108446
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.8 115.2
 141 44.4 37.3 55.9

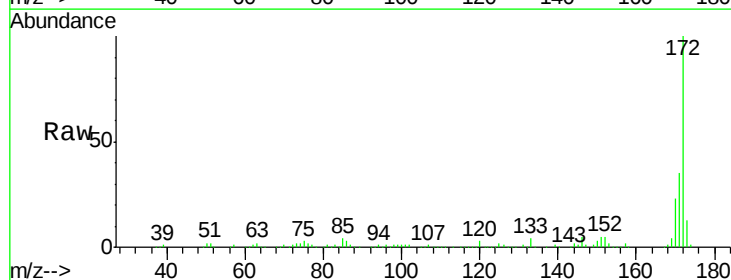


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

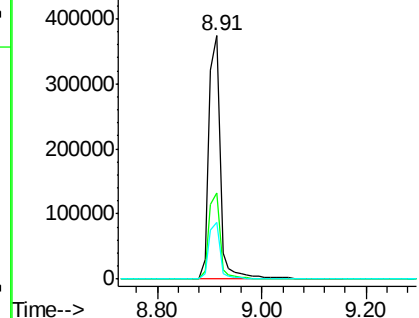
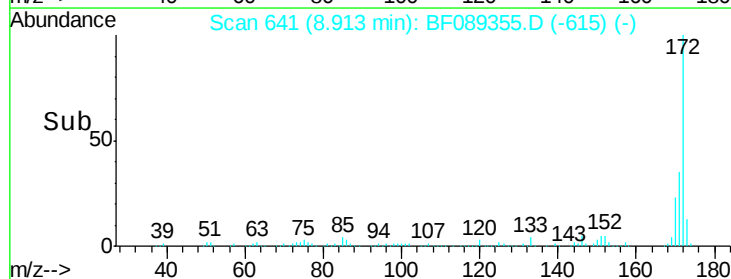


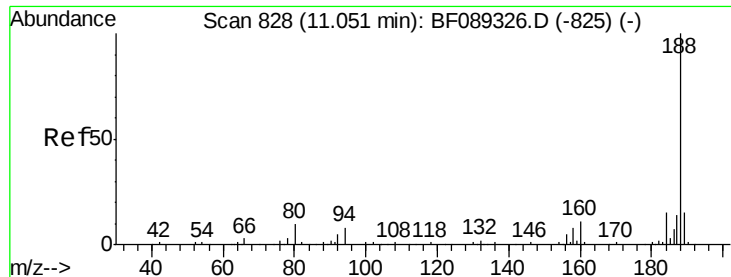
#44
 2-Fluorobiphenyl
 Concen: 99.76 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089355.D
 Acq: 28 Jul 2016 9:22

Tgt Ion:172 Resp: 574372
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 23.4 19.2 28.8



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

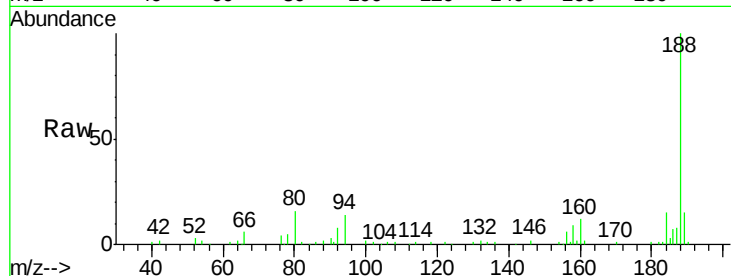




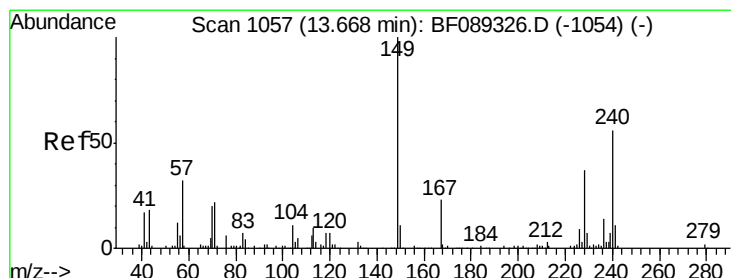
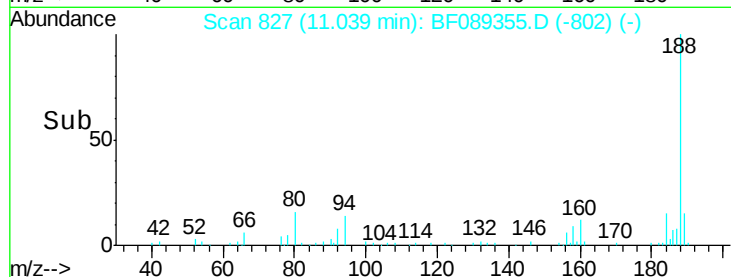
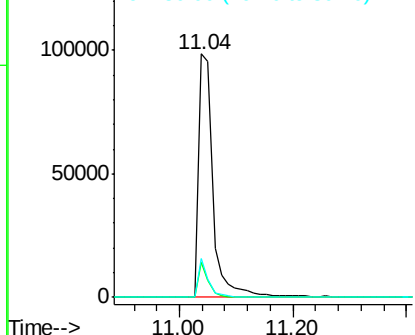
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 169732
Ion Ratio Lower Upper
188 100
94 14.4 6.5 9.7#
80 16.0 7.2 10.8#

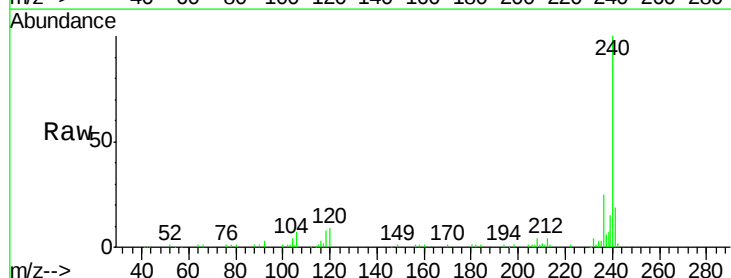


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

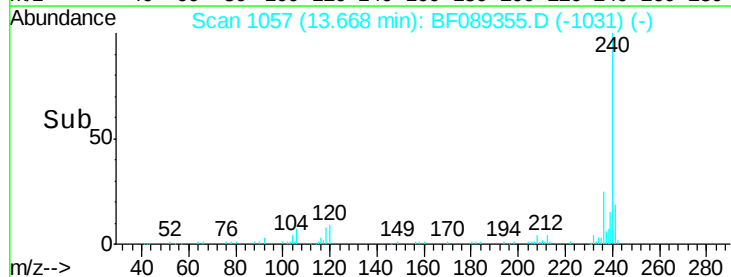
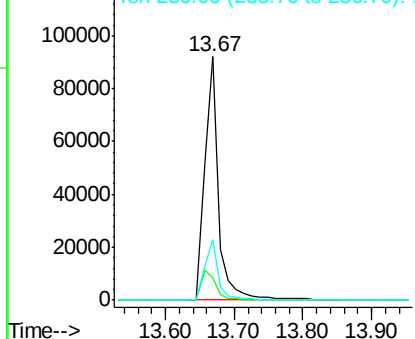


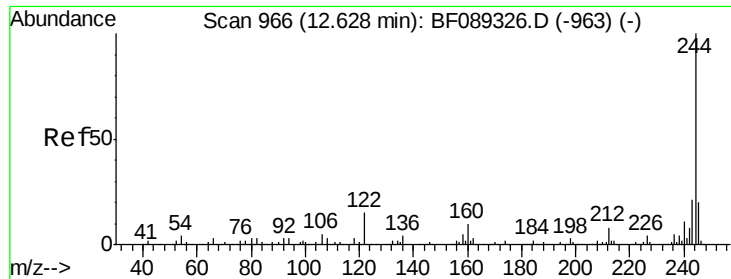
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089355.D
Acq: 28 Jul 2016 9:22

Tgt Ion:240 Resp: 127402
Ion Ratio Lower Upper
240 100
120 9.3 9.1 13.7
236 24.9 20.6 30.8



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

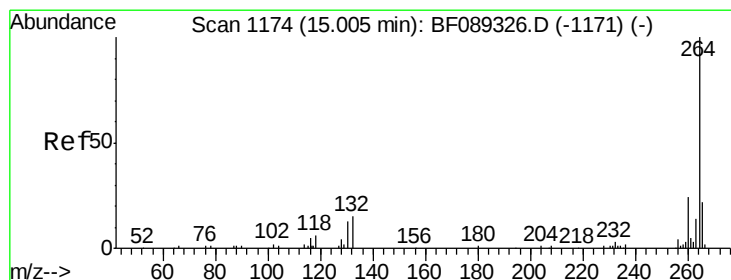
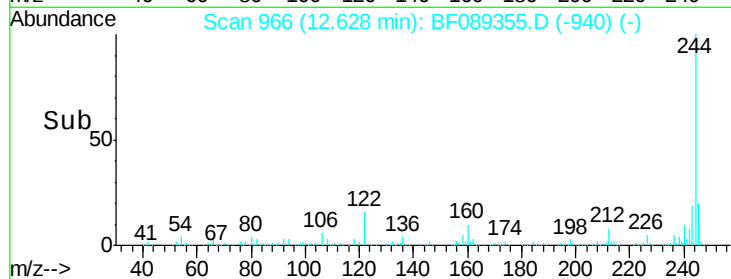
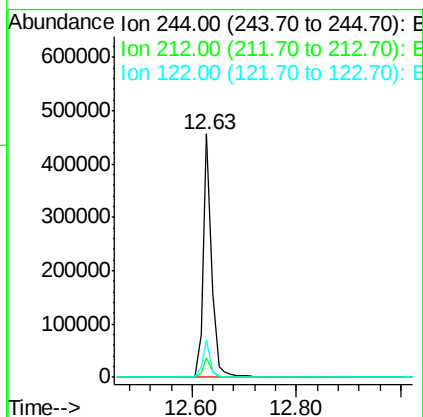
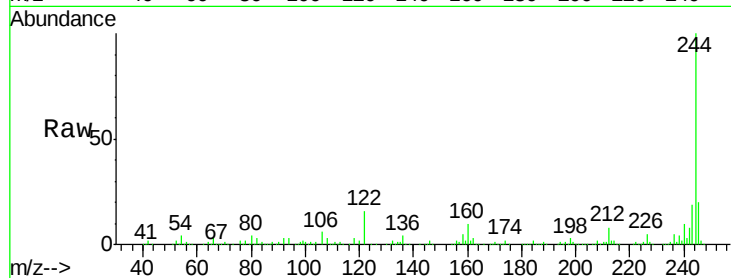




#78
 Terphenyl-d14
 Concen: 94.65 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089355.D
 Acq: 28 Jul 2016 9:22

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 515200
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 15.6 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089355.D
 Acq: 28 Jul 2016 9:22

Tgt Ion:264 Resp: 94703
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.5 17.5 26.3

