

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075587.D
 Acq On : 16 Nov 2014 18:48
 Operator : TP / JJ
 Sample : F4755-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B5-SS2(2-2.10)

Quant Time: Nov 17 06:03:41 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

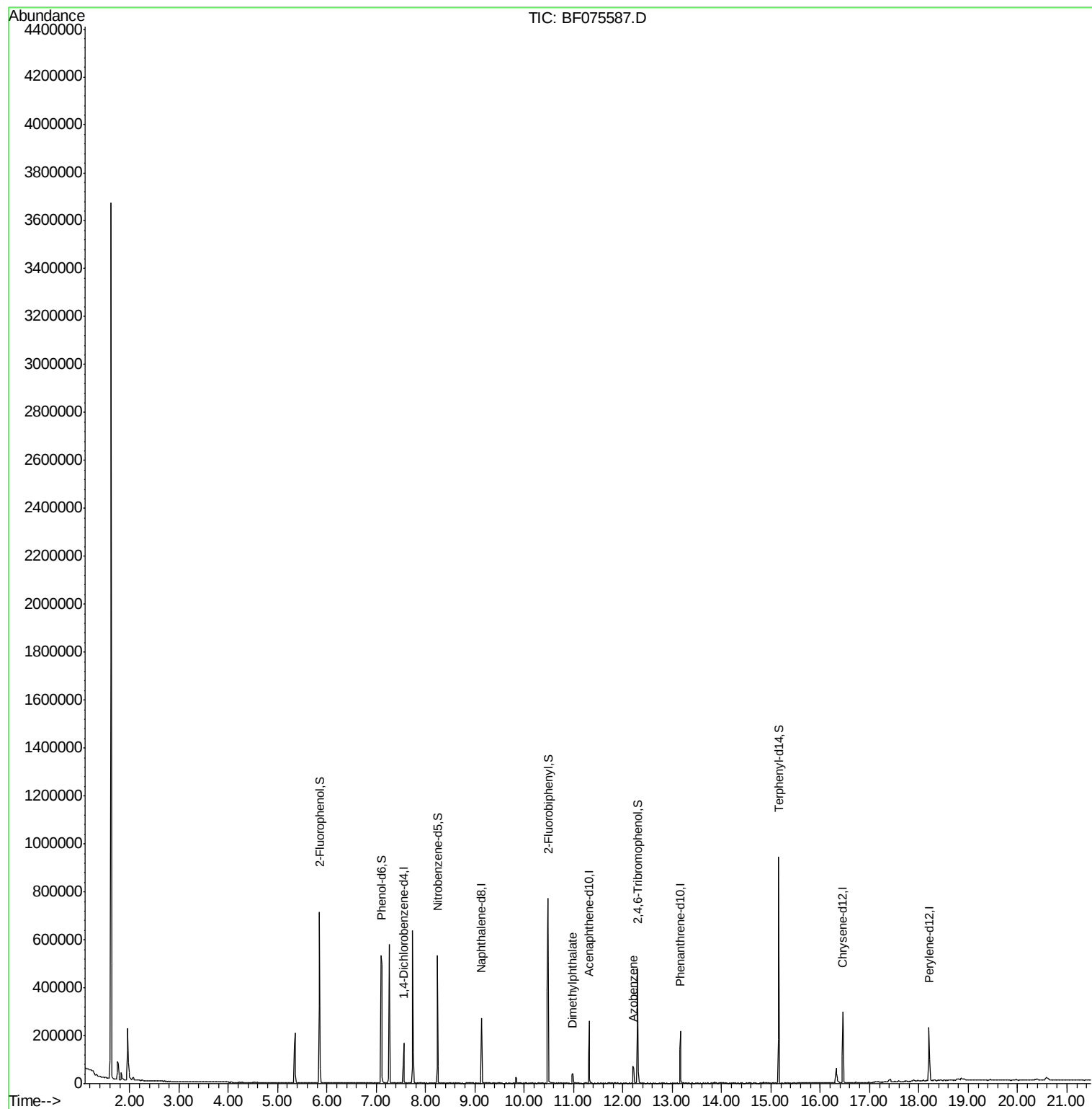
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	28485	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	123653	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	64831	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	107109	20.00	ng	0.00
75) Chrysene-d12	16.46	240	120669	20.00	ng	-0.01
86) Perylene-d12	18.21	264	112798	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	216192	134.08	ng	0.00
7) Phenol-d6	7.11	99	257548	132.83	ng	0.00
23) Nitrobenzene-d5	8.24	82	148297	87.93	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	66761	122.95	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	300443	83.74	ng	0.00
78) Terphenyl-d14	15.16	244	314084	70.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.98	163	29583	6.68	ng	Qvalue 97
62) Azobenzene	12.21	77	18762	4.64	ng	# 1

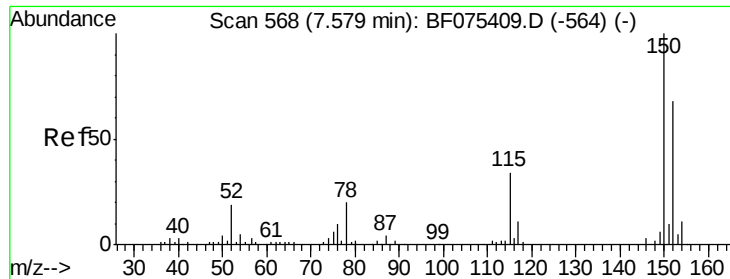
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
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HUDPARK-B5-SS2(2-2.10)

Quant Time: Nov 17 06:03:41 2014
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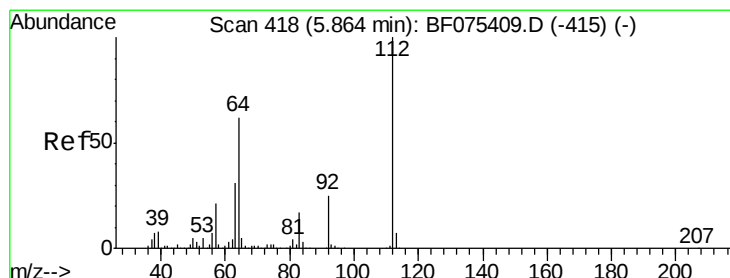
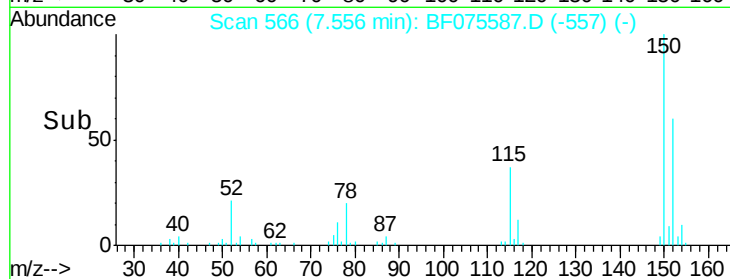
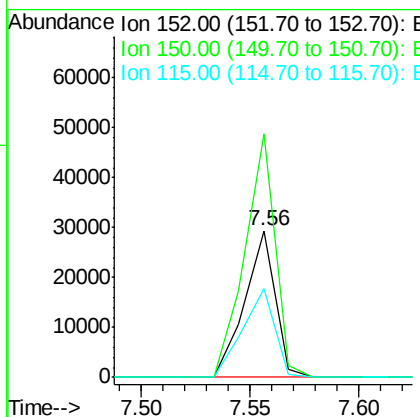
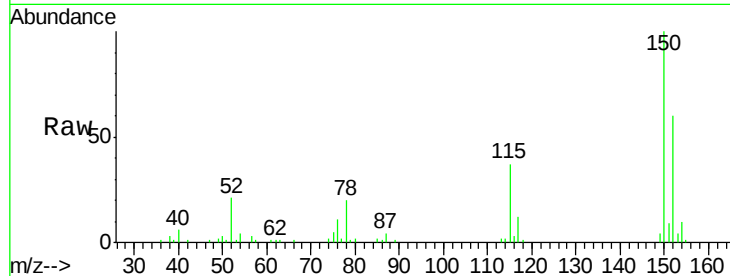




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF075587.D
 Acq: 16 Nov 2014 18:48

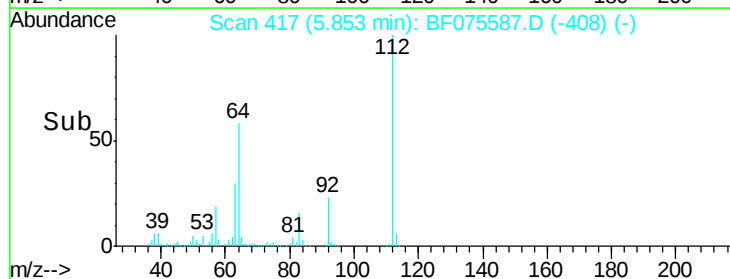
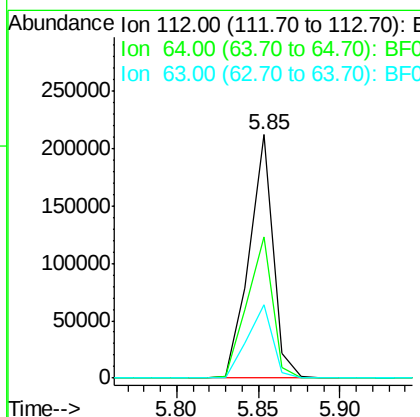
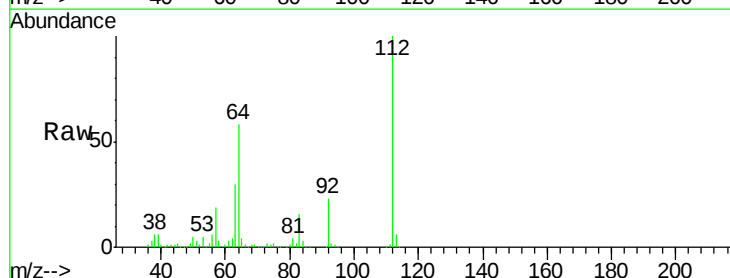
Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B5-SS2(2-2.10)

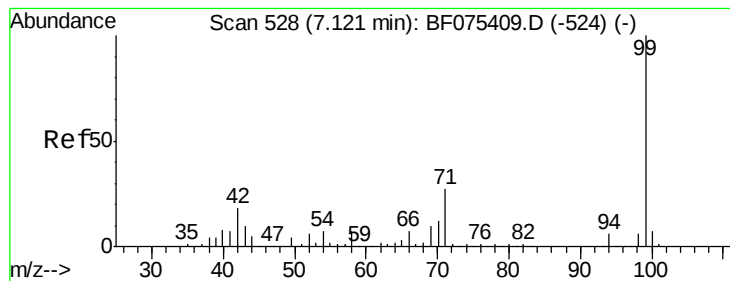
Tgt Ion:152 Resp: 28485
 Ion Ratio Lower Upper
 152 100
 150 165.7 127.2 190.8
 115 60.6 57.1 85.7



#5
 2-Fluorophenol
 Concen: 134.08 ng
 RT: 5.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF075587.D
 Acq: 16 Nov 2014 18:48

Tgt Ion:112 Resp: 216192
 Ion Ratio Lower Upper
 112 100
 64 58.2 45.8 68.6
 63 30.2 22.7 34.1





#7

Phenol-d6

Concen: 132.83 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075587.D

Acq: 16 Nov 2014 18:48

Instrument :

BNA_F

ClientSampleId :

HUDPARK-B5-SS2(2-2.10)

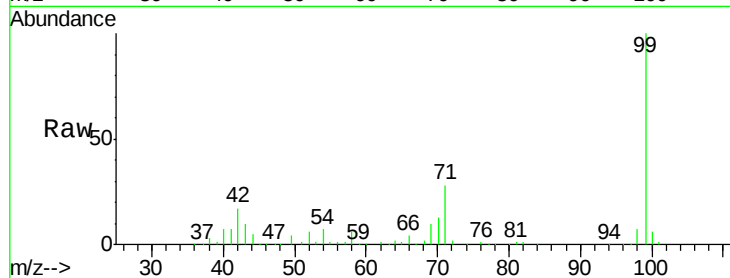
Tgt Ion: 99 Resp: 257548

Ion Ratio Lower Upper

99 100

42 17.2 19.8 29.6#

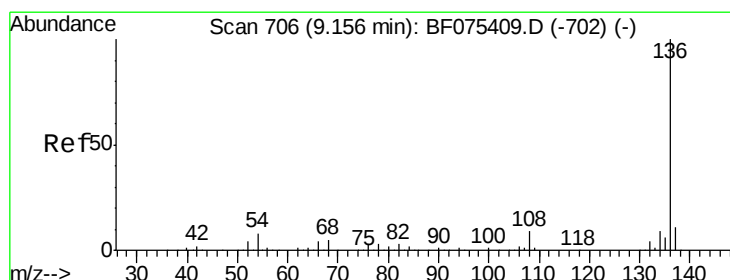
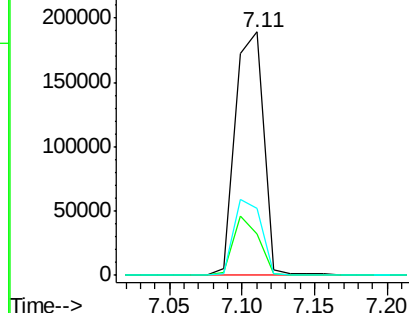
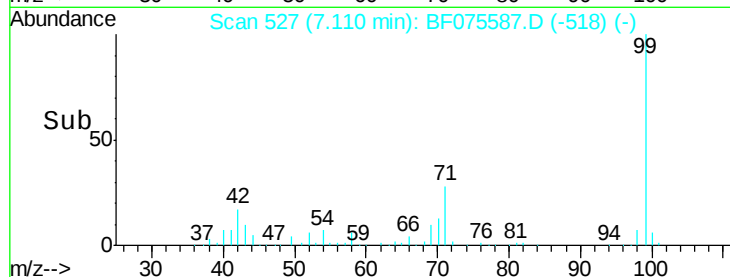
71 27.5 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075587.D

Acq: 16 Nov 2014 18:48

Tgt Ion: 136 Resp: 123653

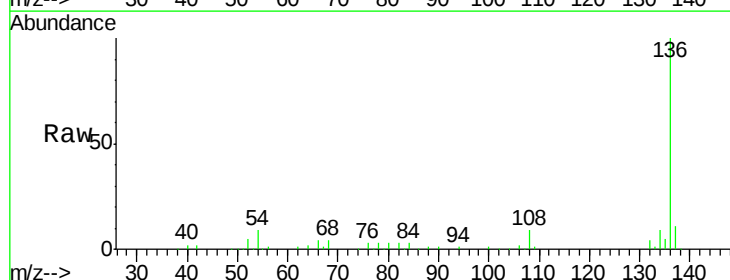
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 8.9 6.2 9.4

68 4.4 3.4 5.2

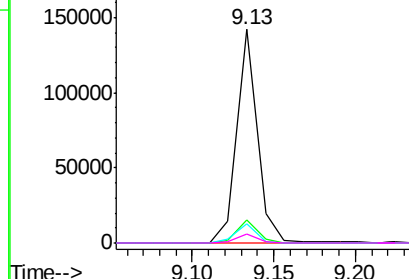
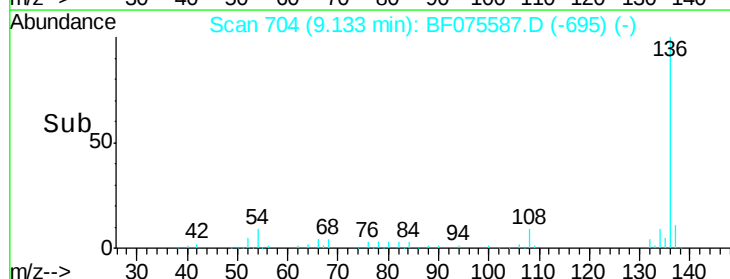


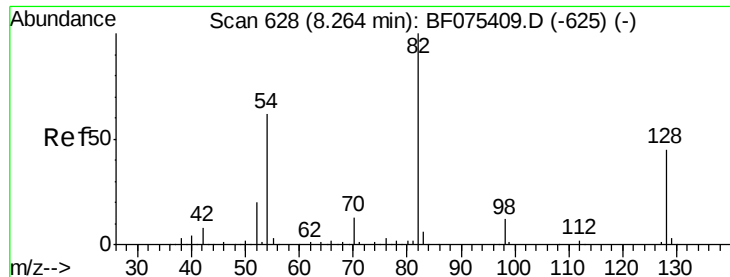
Abundance Ion 136.00 (135.70 to 136.70): E

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

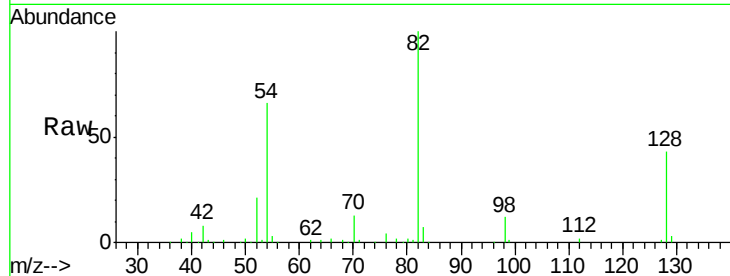




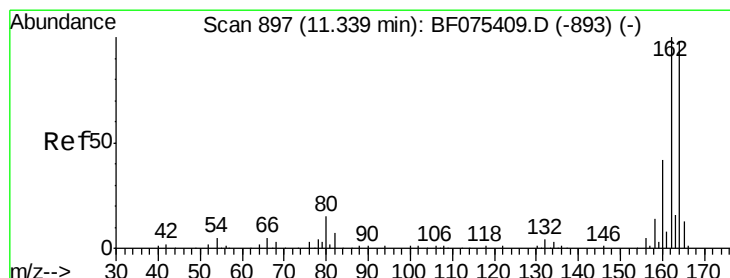
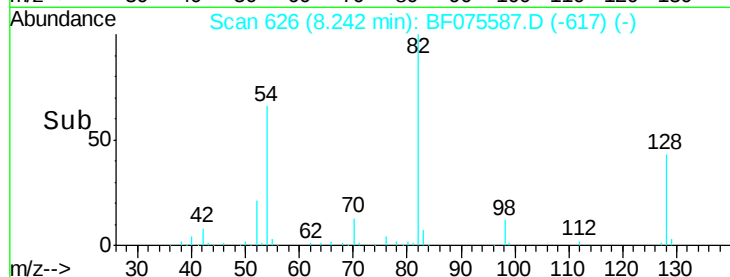
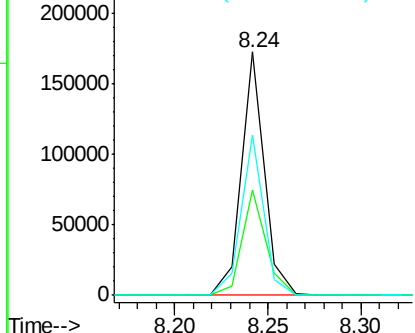
#23
 Nitrobenzene-d5
 Concen: 87.93 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075587.D
 Acq: 16 Nov 2014 18:48

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B5-SS2(2-2.10)

Tgt Ion: 82 Resp: 148297
 Ion Ratio Lower Upper
 82 100
 128 43.0 37.8 56.6
 54 65.7 49.8 74.8

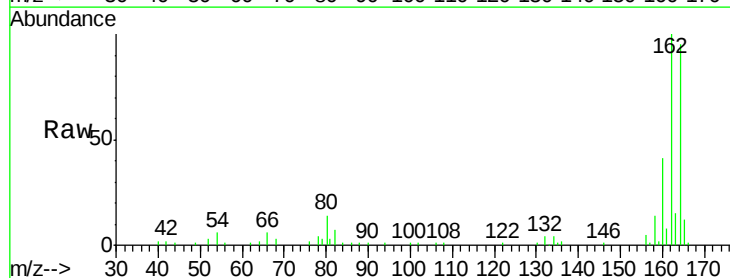


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

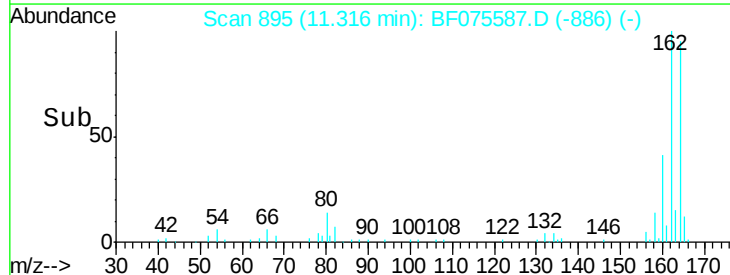
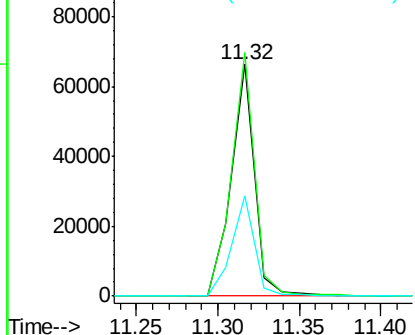


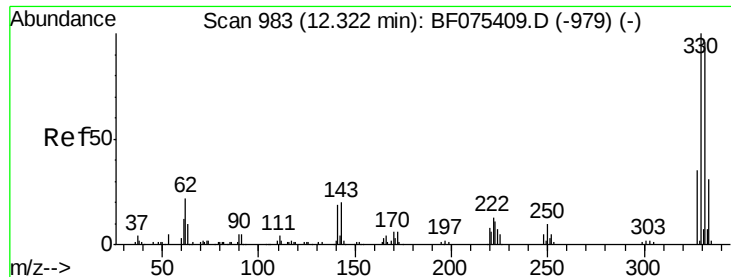
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075587.D
 Acq: 16 Nov 2014 18:48

Tgt Ion: 164 Resp: 64831
 Ion Ratio Lower Upper
 164 100
 162 105.2 79.1 118.7
 160 43.1 34.6 51.8



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

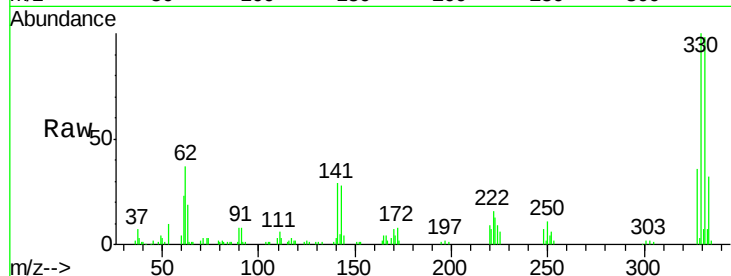




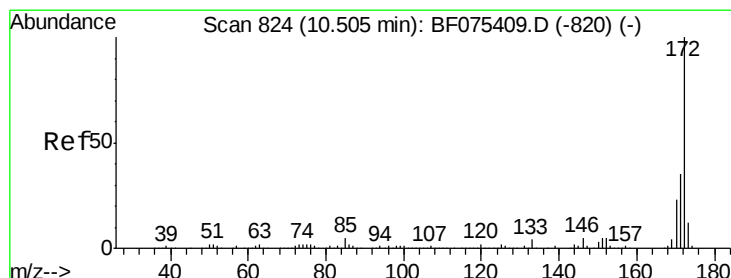
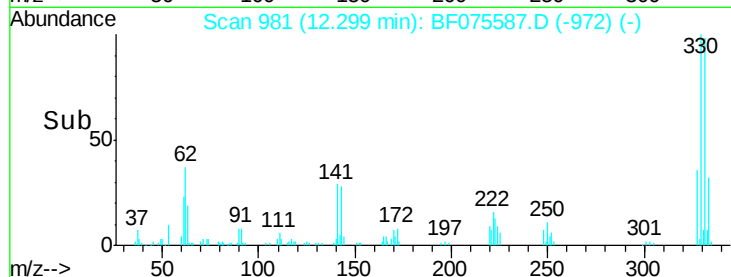
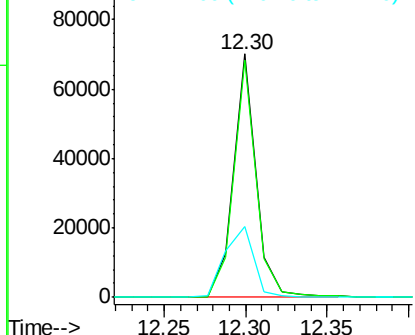
#41
 2,4,6-Tribromophenol
 Concen: 122.95 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075587.D
 Acq: 16 Nov 2014 18:48

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B5-SS2(2-2.10)

Tgt Ion:330 Resp: 66761
 Ion Ratio Lower Upper
 330 100
 332 96.9 74.5 111.7
 141 36.9 30.7 46.1

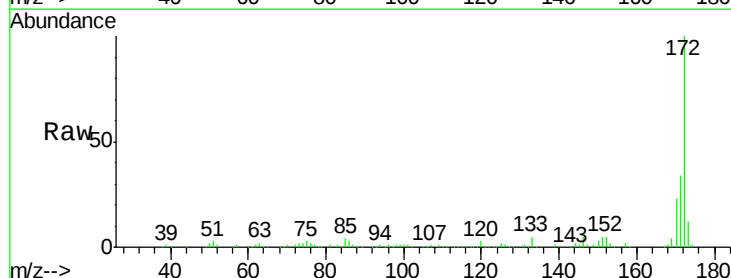


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

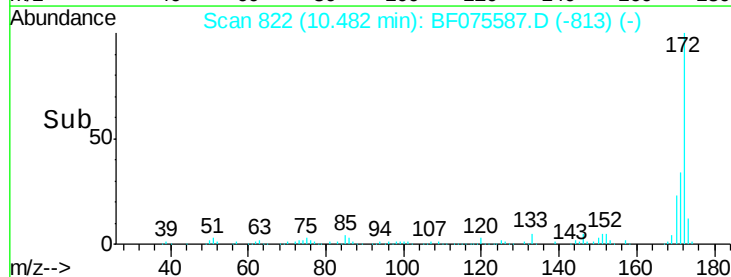
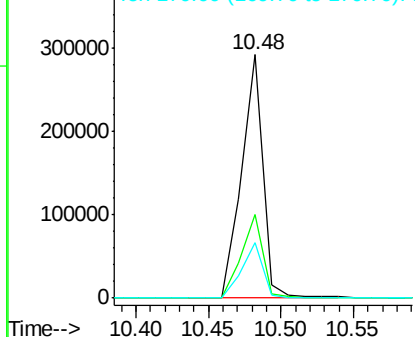


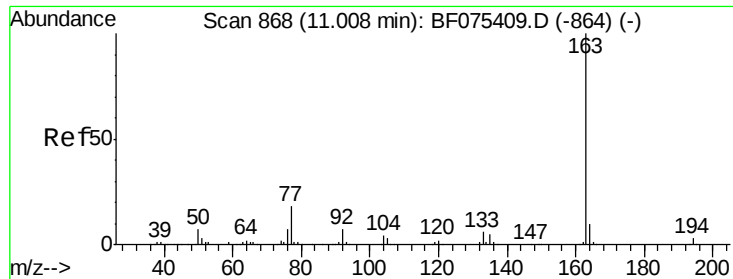
#44
 2-Fluorobiphenyl
 Concen: 83.74 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075587.D
 Acq: 16 Nov 2014 18:48

Tgt Ion:172 Resp: 300443
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.3 40.9
 170 22.6 18.4 27.6



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

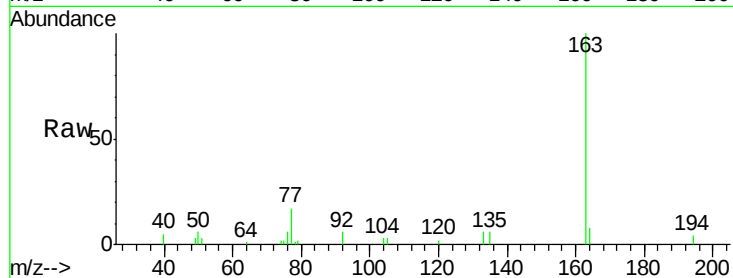




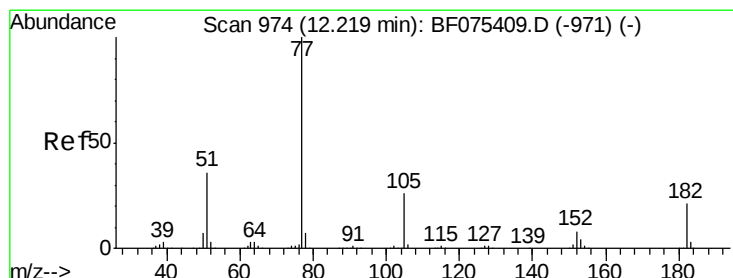
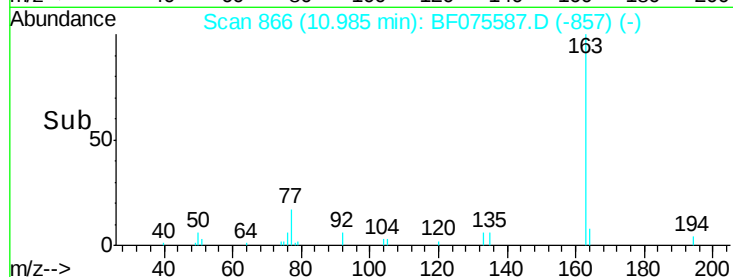
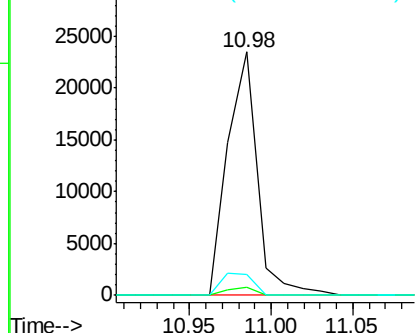
#49
Dimethylphthalate
Concen: 6.68 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075587.D
Acq: 16 Nov 2014 18:48

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B5-SS2(2-2.10)

Tgt Ion:163 Resp: 29583
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 8.4 8.0 12.0

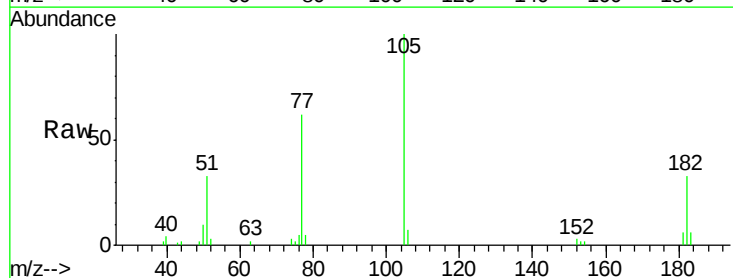


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

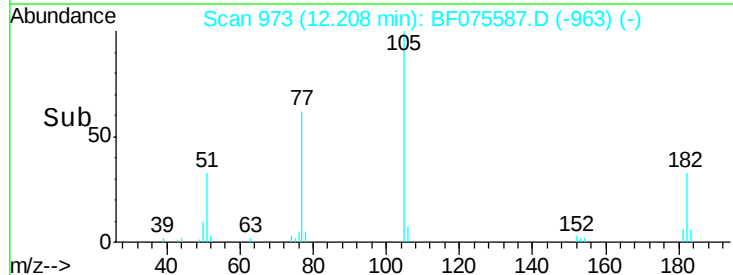
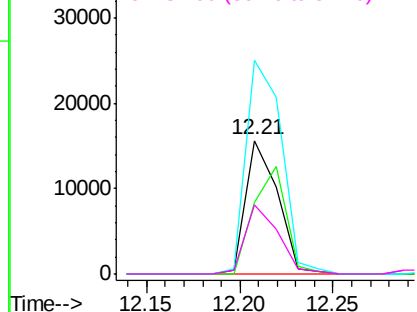


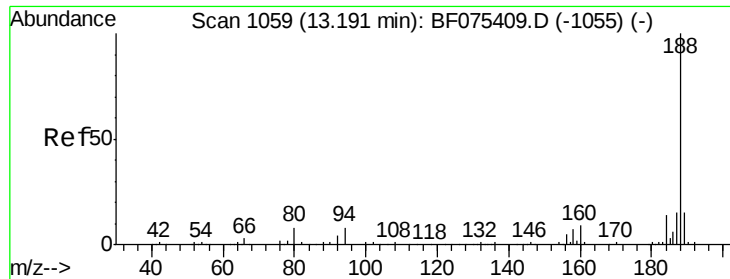
#62
Azobenzene
Concen: 4.64 ng
RT: 12.21 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF075587.D
Acq: 16 Nov 2014 18:48

Tgt Ion: 77 Resp: 18762
Ion Ratio Lower Upper
77 100
182 53.6 0.0 37.1#
105 160.1 3.7 43.7#
51 52.2 18.7 58.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

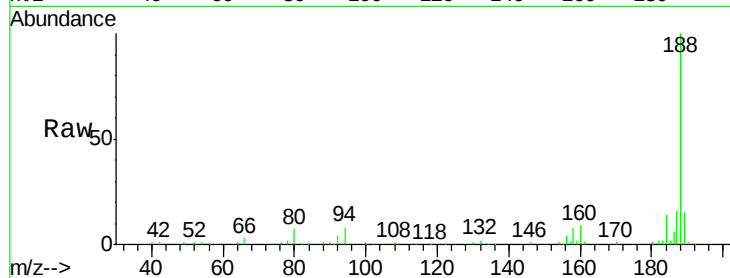




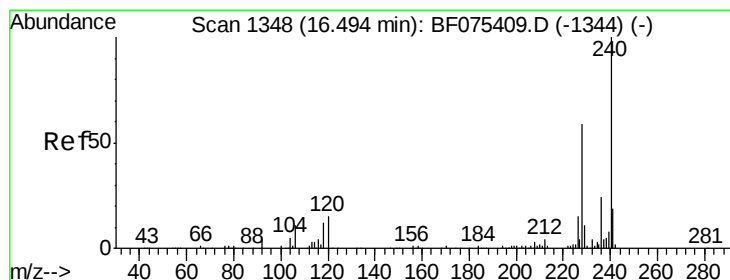
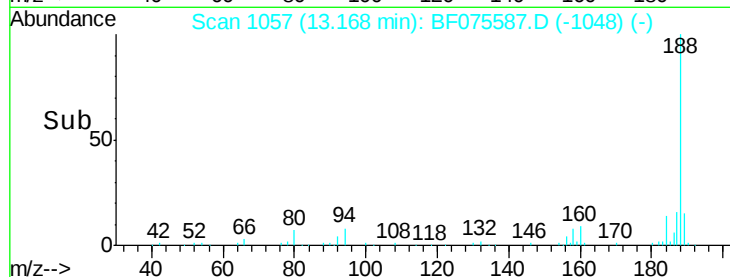
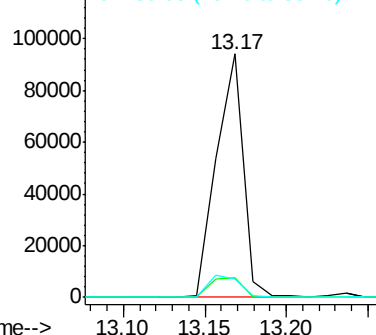
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075587.D
Acq: 16 Nov 2014 18:48

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B5-SS2(2-2.10)

Tgt Ion:188 Resp: 107109
Ion Ratio Lower Upper
188 100
94 8.1 7.8 11.6
80 7.5 8.0 12.0#

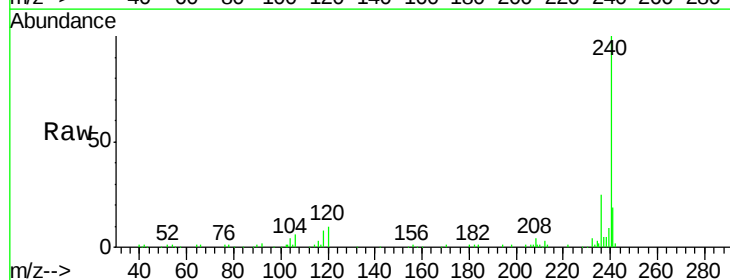


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

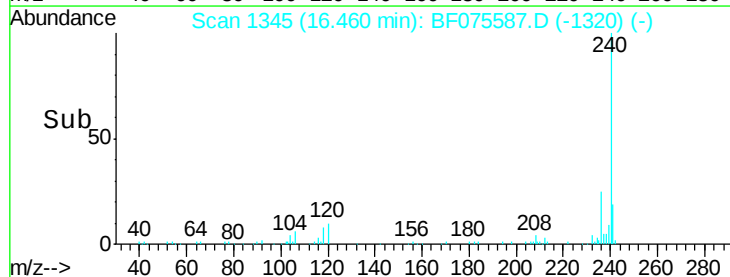
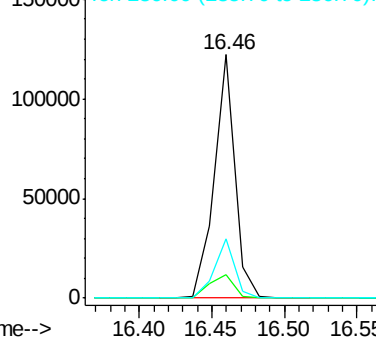


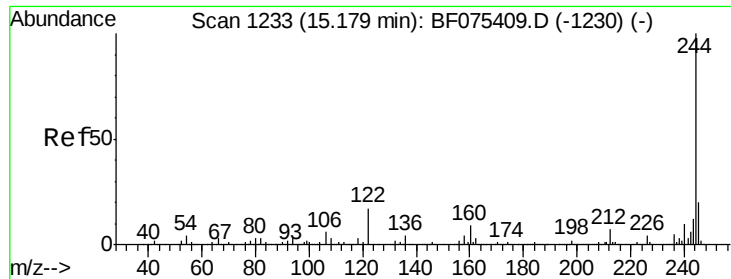
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075587.D
Acq: 16 Nov 2014 18:48

Tgt Ion:240 Resp: 120669
Ion Ratio Lower Upper
240 100
120 9.6 9.6 14.4
236 24.5 18.9 28.3



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

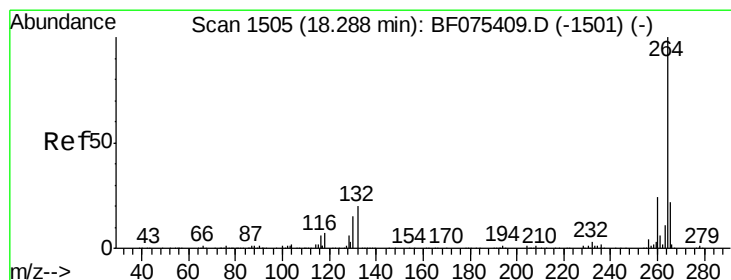
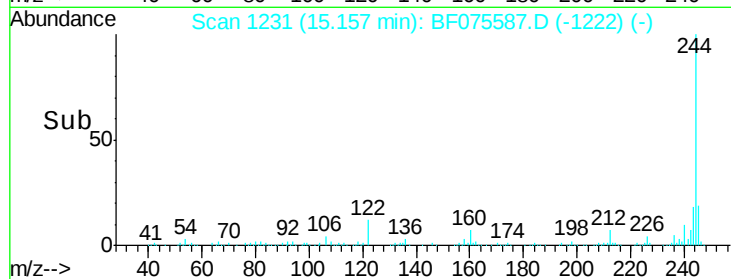
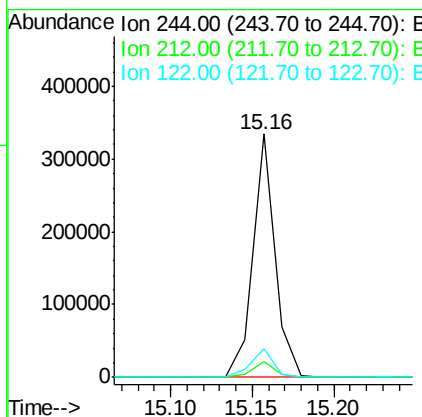
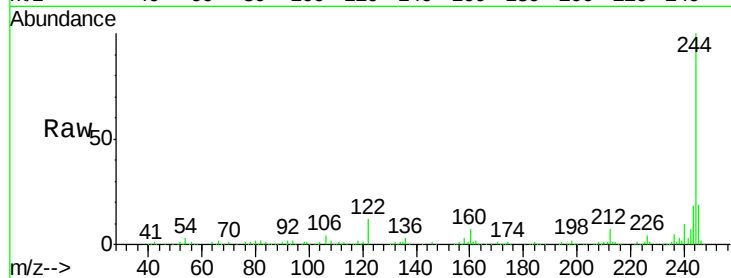




#78
 Terphenyl-d14
 Concen: 70.07 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075587.D
 Acq: 16 Nov 2014 18:48

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-B5-SS2(2-2.10)

Tgt Ion:244 Resp: 314084
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.9 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. -0.03 min
 Lab File: BF075587.D
 Acq: 16 Nov 2014 18:48

Tgt Ion:264 Resp: 112798
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.9 26.9
 265 20.3 16.3 24.5

