

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075581.D
 Acq On : 16 Nov 2014 13:35
 Operator : TP / JJ
 Sample : F4755-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP2(B1)

Quant Time: Nov 17 05:07:10 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 04:16:34 2014
 Response via : Initial Calibration

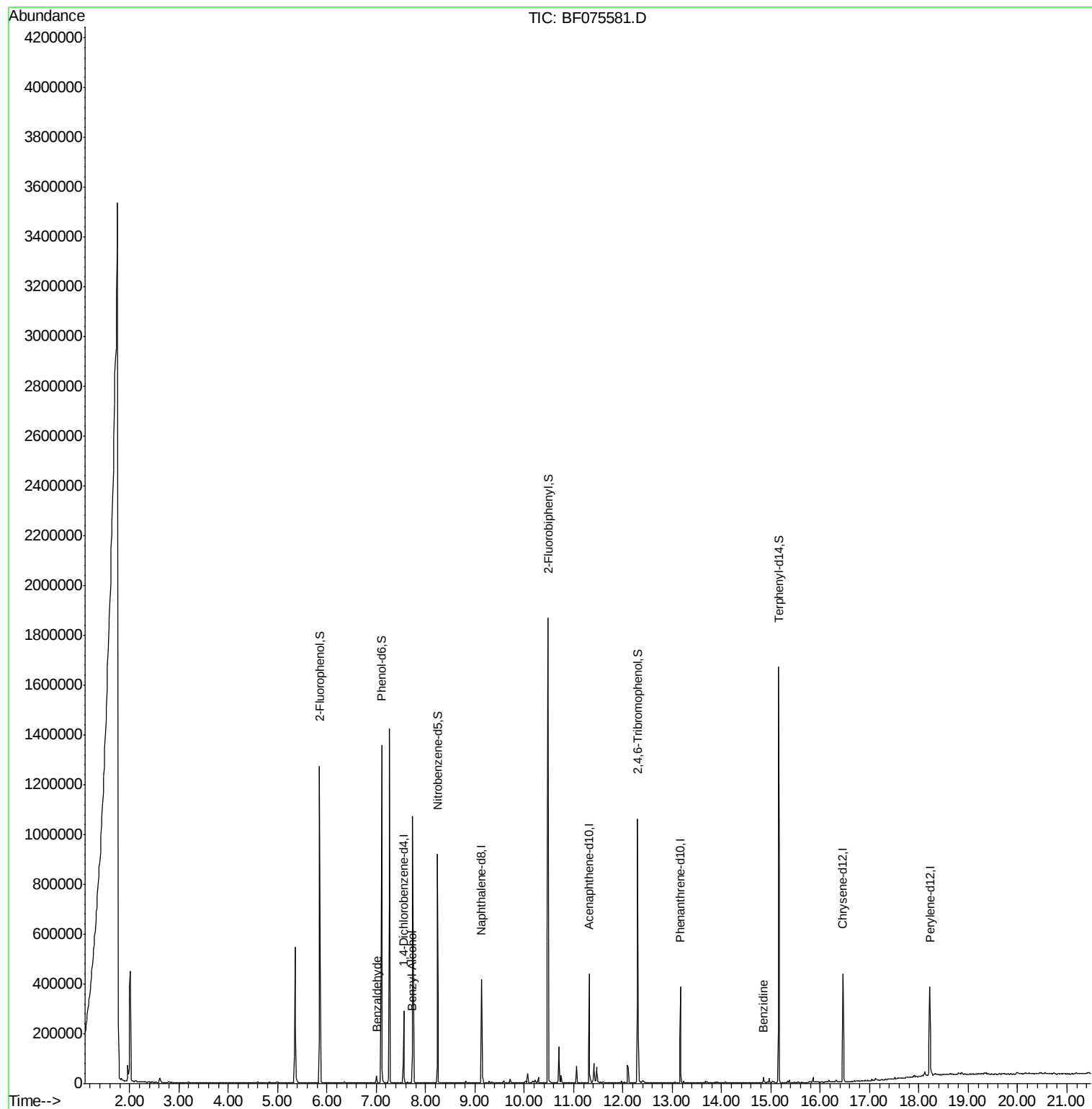
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46962	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	191650	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	97479	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	169864	20.00	ng	0.00
75) Chrysene-d12	16.46	240	176743	20.00	ng	-0.02
86) Perylene-d12	18.22	264	174371	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	396519	149.16	ng	0.00
7) Phenol-d6	7.11	99	465921	145.75	ng	0.00
23) Nitrobenzene-d5	8.24	82	301111	115.19	ng	-0.01
41) 2,4,6-Tribromophenol	12.30	330	134526	164.77	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	621882	115.28	ng	0.00
78) Terphenyl-d14	15.16	244	653832	99.59	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.01	77	7693	3.58	ng	88
15) Benzyl Alcohol	7.73	79	16103	6.42	ng	89
76) Benzidine	14.85	184	13149	2.34	ng	97

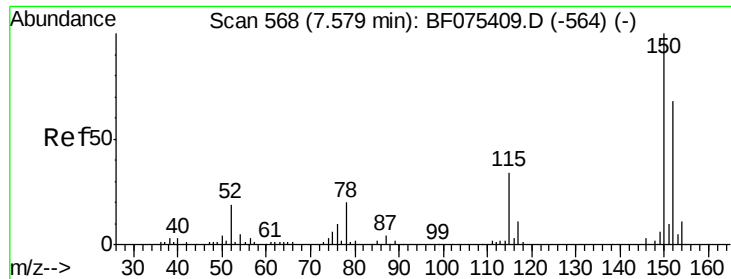
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF075581.D

Acq: 16 Nov 2014 13:35

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP2(B1)

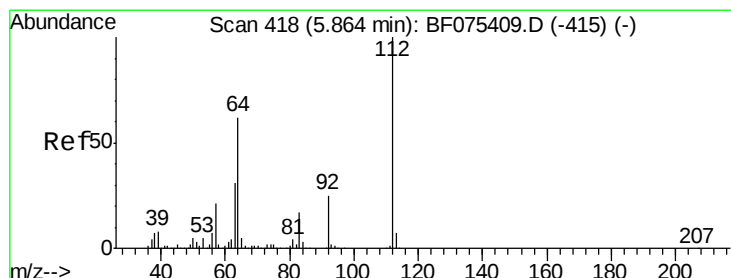
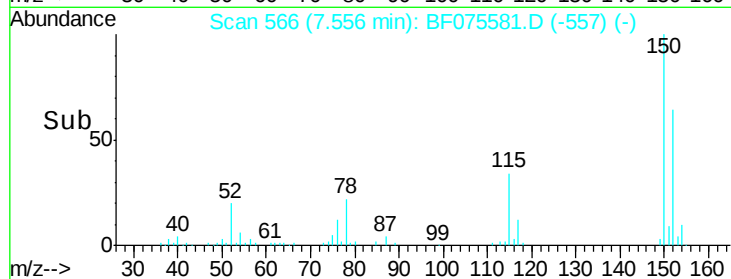
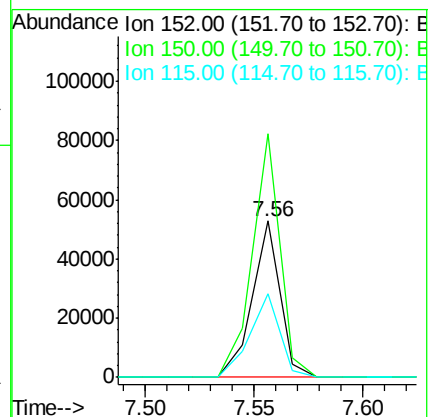
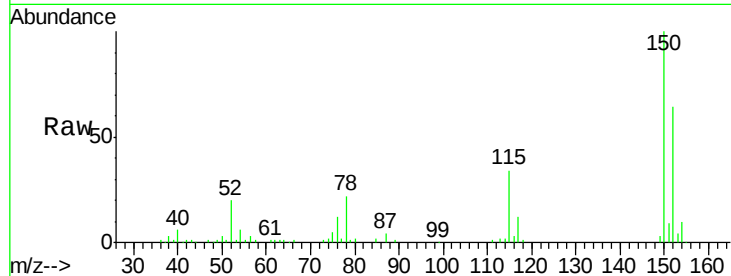
Tgt Ion:152 Resp: 46962

Ion Ratio Lower Upper

152 100

150 155.9 127.2 190.8

115 53.6 57.1 85.7#



#5

2-Fluorophenol

Concen: 149.16 ng

RT: 5.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF075581.D

Acq: 16 Nov 2014 13:35

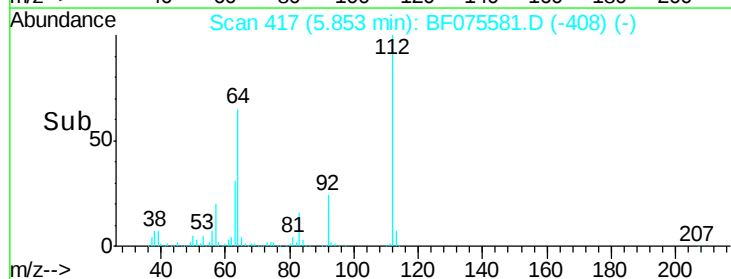
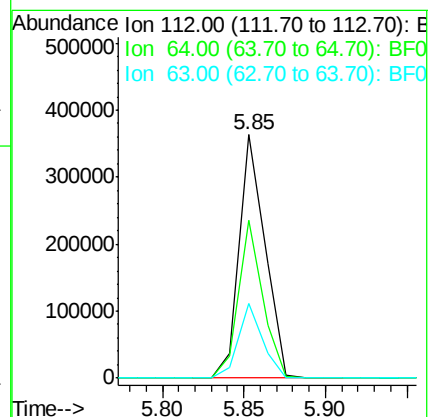
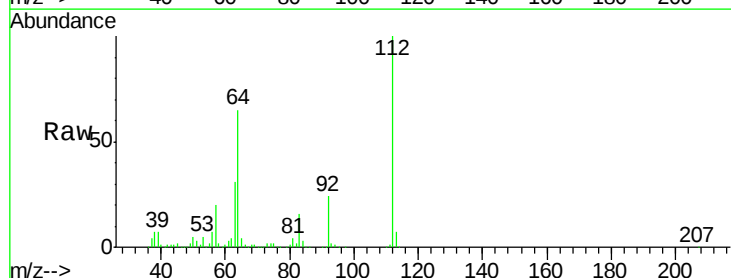
Tgt Ion:112 Resp: 396519

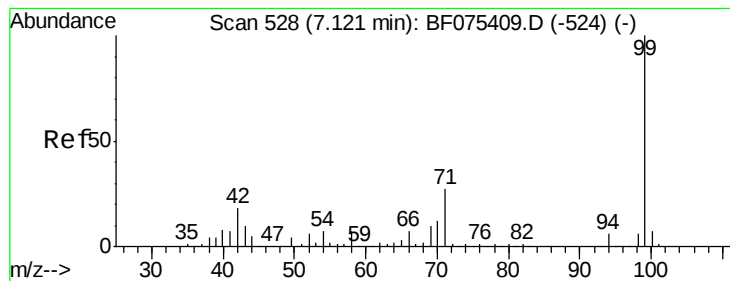
Ion Ratio Lower Upper

112 100

64 65.1 45.8 68.6

63 30.8 22.7 34.1





#7

Phenol-d6

Concen: 145.75 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF075581.D

Acq: 16 Nov 2014 13:35

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP2(B1)

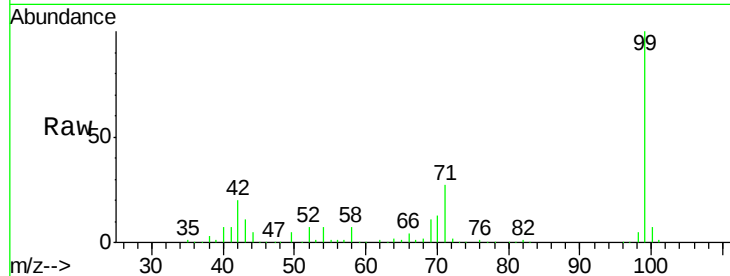
Tgt Ion: 99 Resp: 465921

Ion Ratio Lower Upper

99 100

42 19.6 19.8 29.6#

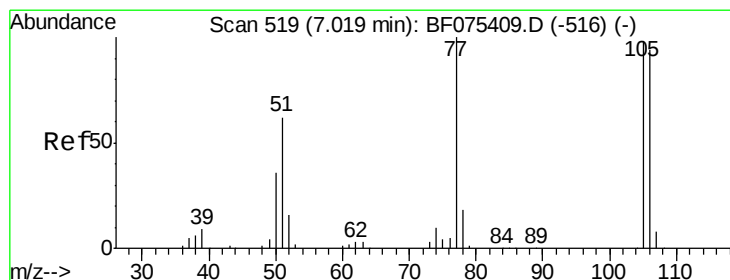
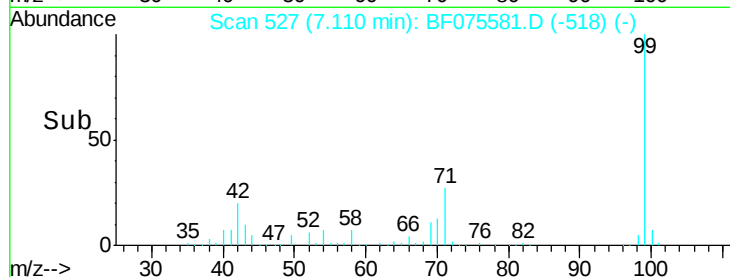
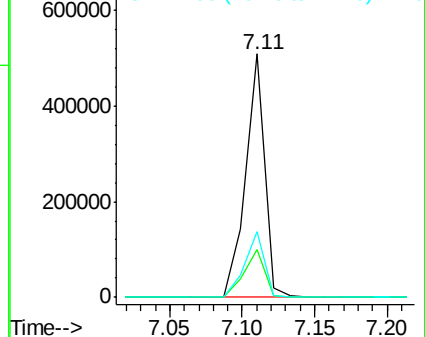
71 27.2 25.5 38.3



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



#9

Benzaldehyde

Concen: 3.58 ng

RT: 7.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF075581.D

Acq: 16 Nov 2014 13:35

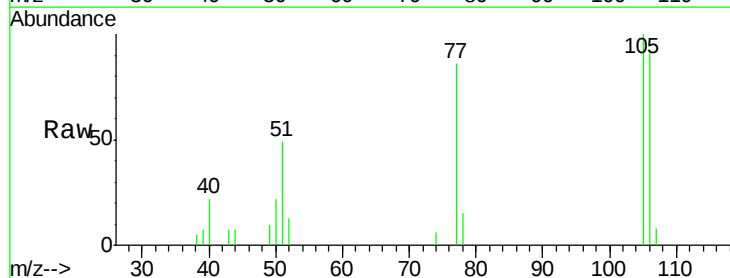
Tgt Ion: 77 Resp: 7693

Ion Ratio Lower Upper

77 100

105 116.4 81.6 121.6

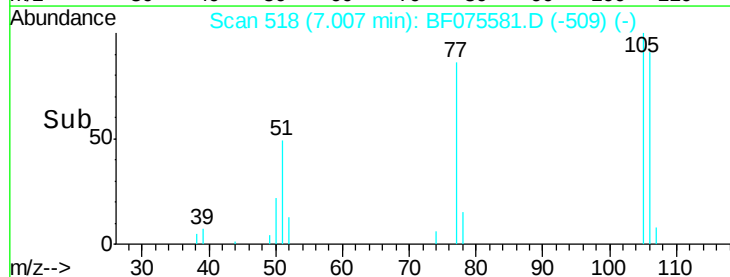
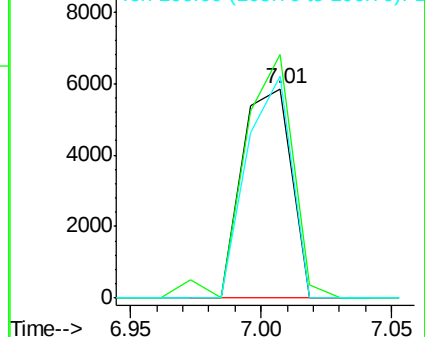
106 106.3 77.5 117.5

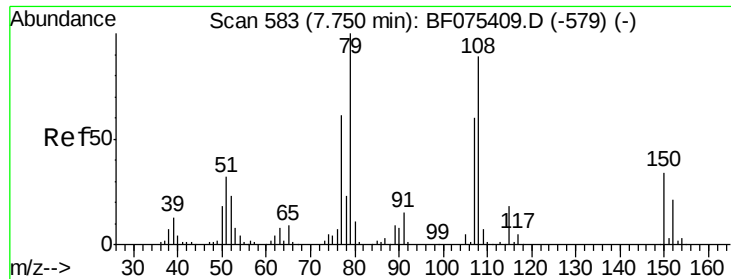


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 6.42 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075581.D

Acq: 16 Nov 2014 13:35

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP2(B1)

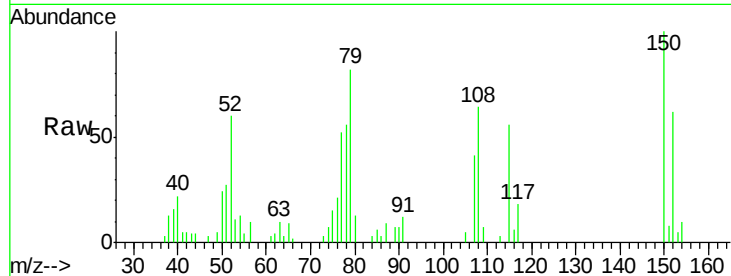
Tgt Ion: 79 Resp: 16103

Ion Ratio Lower Upper

79 100

108 77.9 75.5 113.3

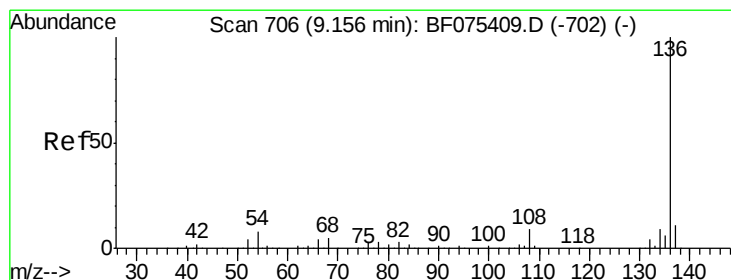
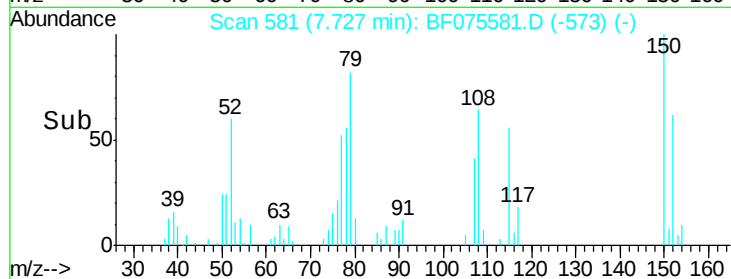
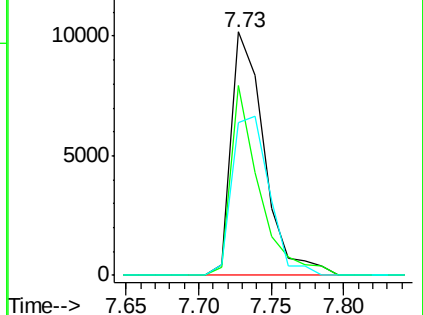
77 62.6 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF075581.D

Acq: 16 Nov 2014 13:35

Tgt Ion: 136 Resp: 191650

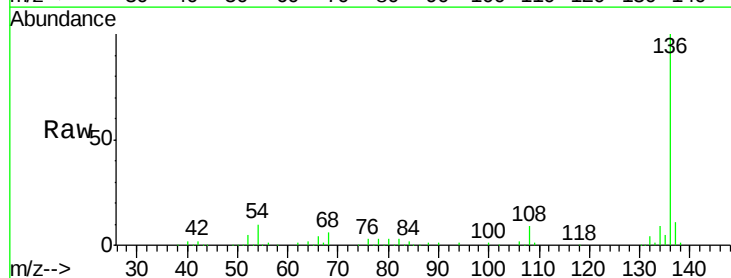
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 9.5 6.2 9.4#

68 5.9 3.4 5.2#

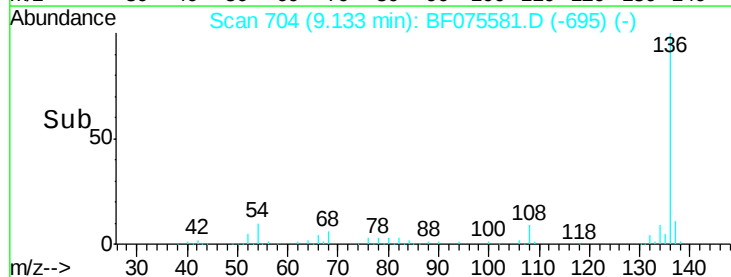
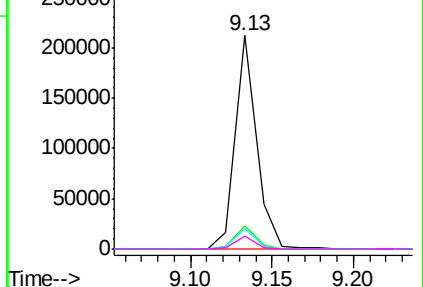


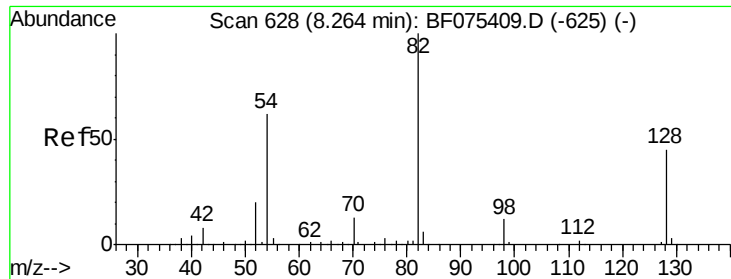
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

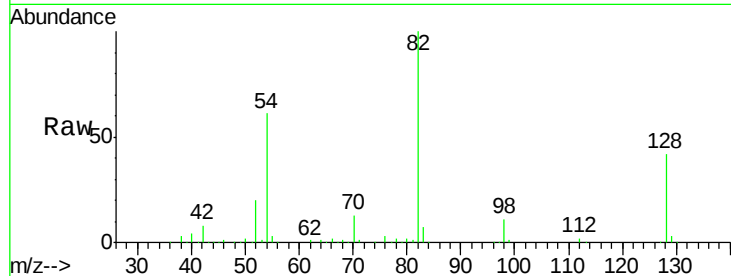




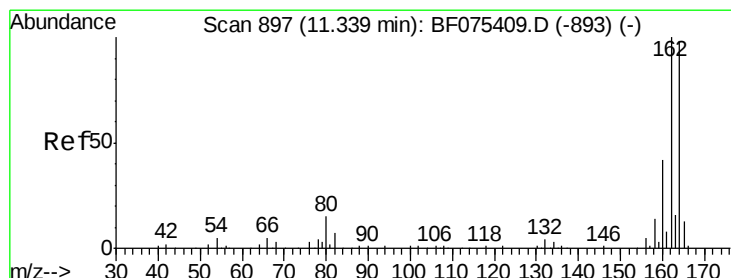
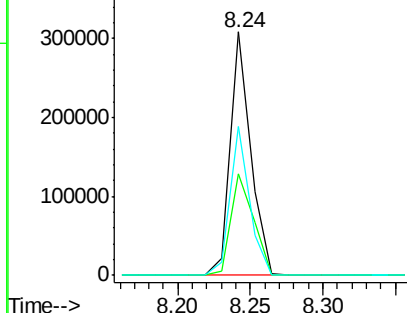
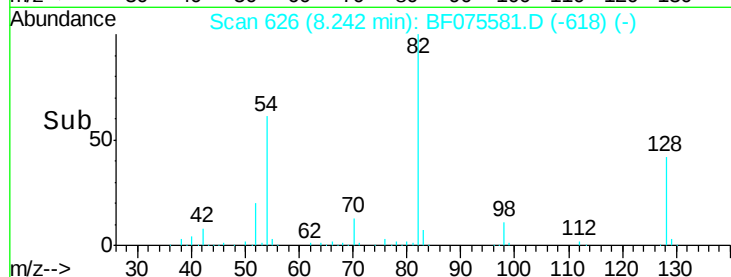
#23
Nitrobenzene-d5
Concen: 115.19 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF075581.D
Acq: 16 Nov 2014 13:35

Instrument :
BNA_F
ClientSampleId :
HUDPARK-COMP2(B1)

Tgt Ion: 82 Resp: 301111
Ion Ratio Lower Upper
82 100
128 41.8 37.8 56.6
54 61.0 49.8 74.8

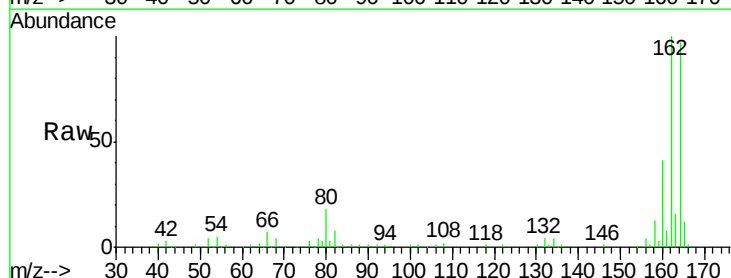


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

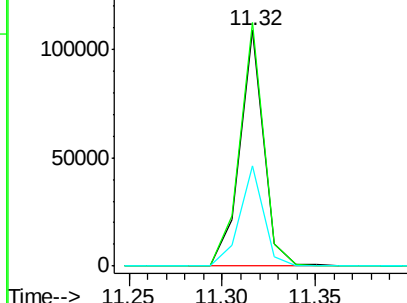
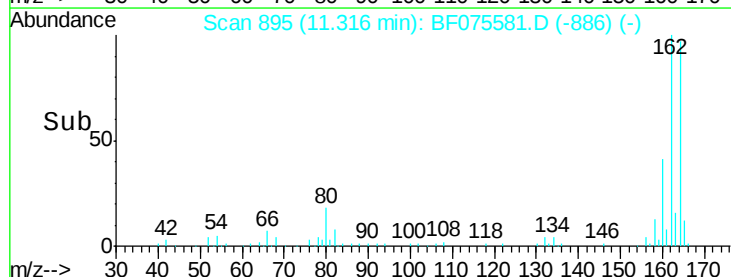


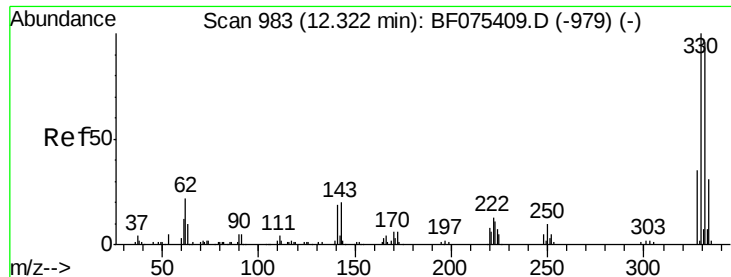
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF075581.D
Acq: 16 Nov 2014 13:35

Tgt Ion: 164 Resp: 97479
Ion Ratio Lower Upper
164 100
162 103.2 79.1 118.7
160 42.7 34.6 51.8



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

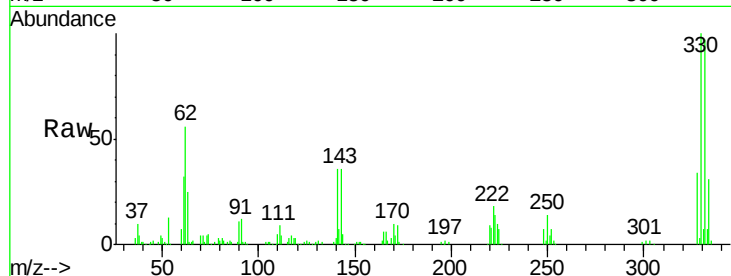




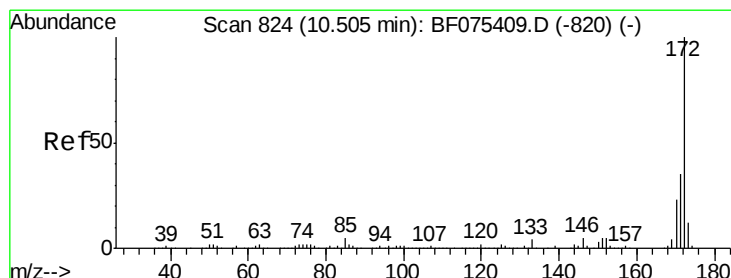
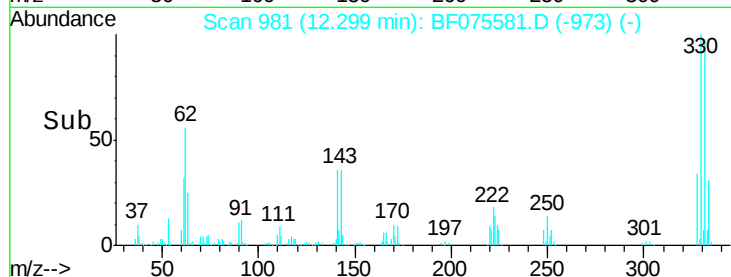
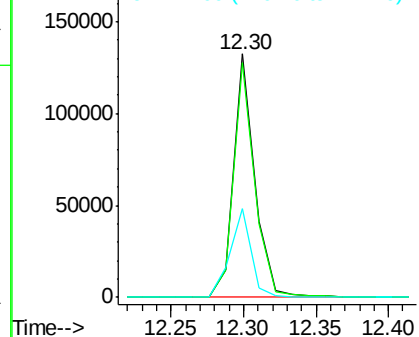
#41
 2,4,6-Tribromophenol
 Concen: 164.77 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF075581.D
 Acq: 16 Nov 2014 13:35

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP2(B1)

Tgt Ion:330 Resp: 134526
 Ion Ratio Lower Upper
 330 100
 332 96.4 74.5 111.7
 141 36.7 30.7 46.1

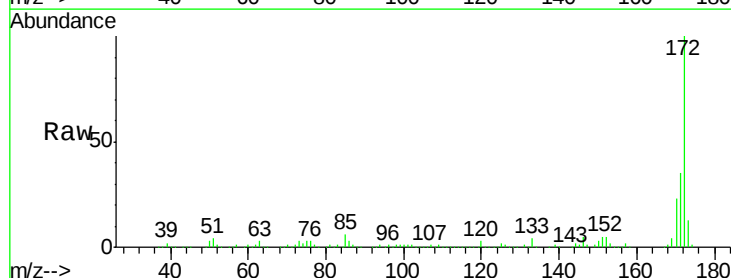


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

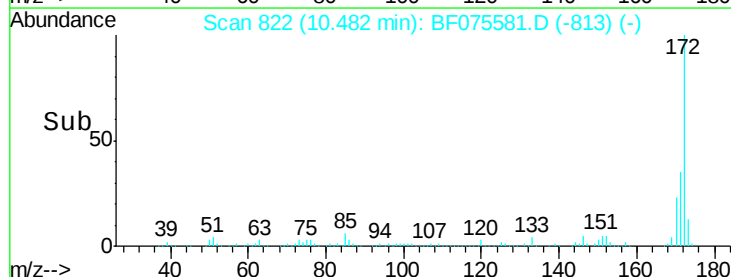
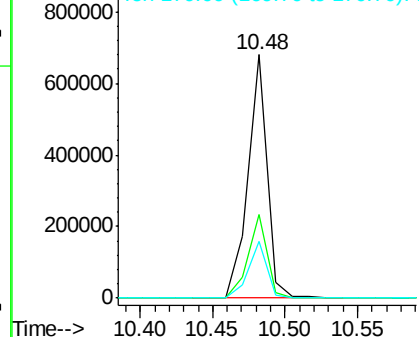


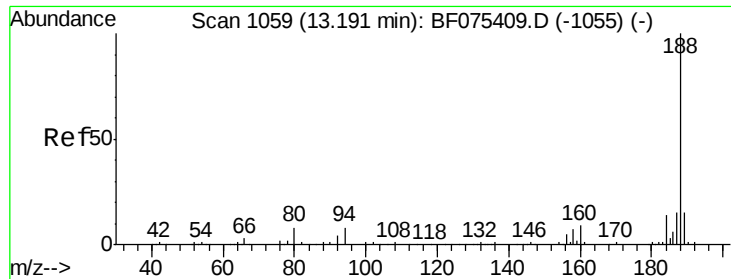
#44
 2-Fluorobiphenyl
 Concen: 115.28 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF075581.D
 Acq: 16 Nov 2014 13:35

Tgt Ion:172 Resp: 621882
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.3 40.9
 170 23.5 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

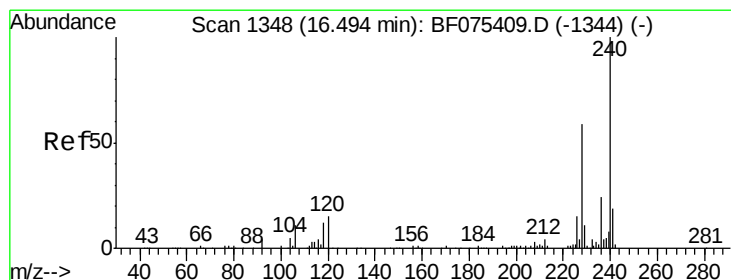
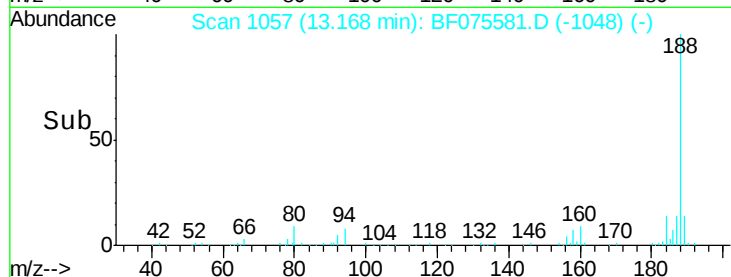
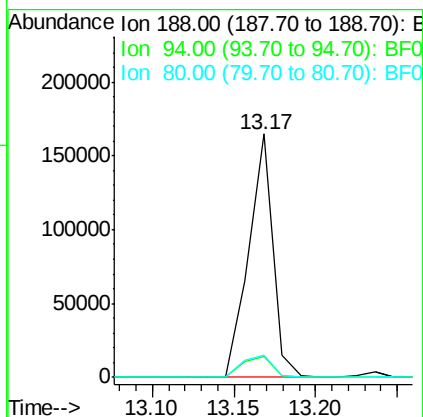
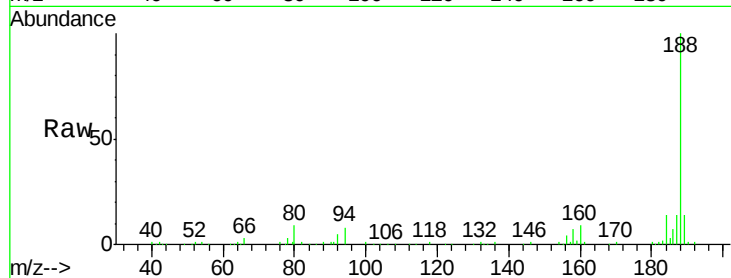




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075581.D
Acq: 16 Nov 2014 13:35

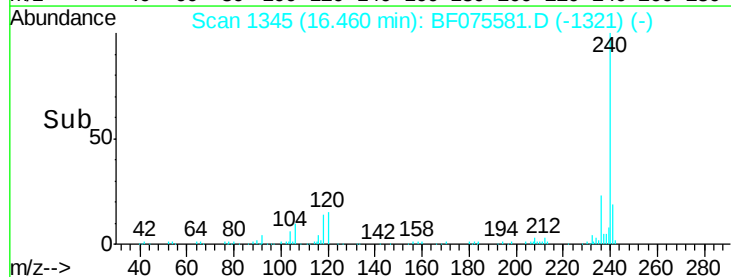
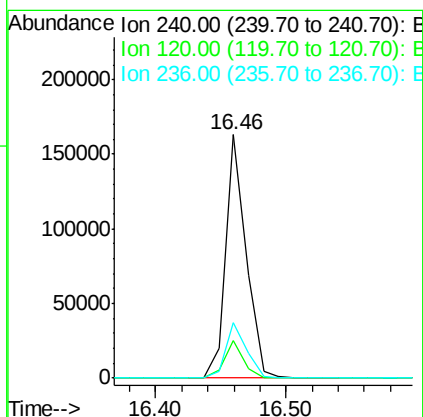
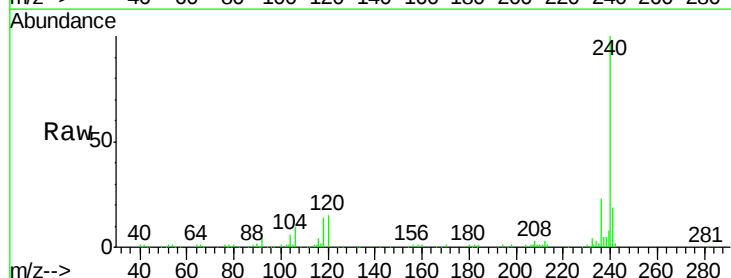
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HUDPARK-COMP2(B1)

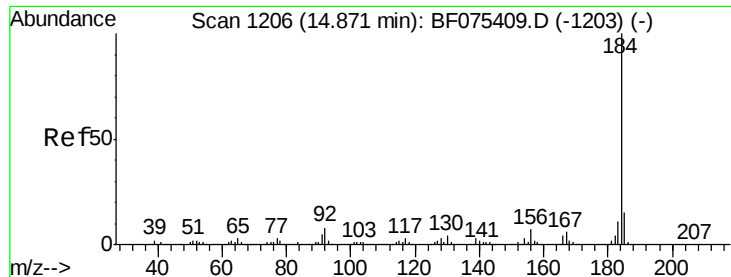
Tgt Ion:188 Resp: 169864
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 9.3 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF075581.D
Acq: 16 Nov 2014 13:35

Tgt Ion:240 Resp: 176743
Ion Ratio Lower Upper
240 100
120 15.4 9.6 14.4#
236 22.8 18.9 28.3

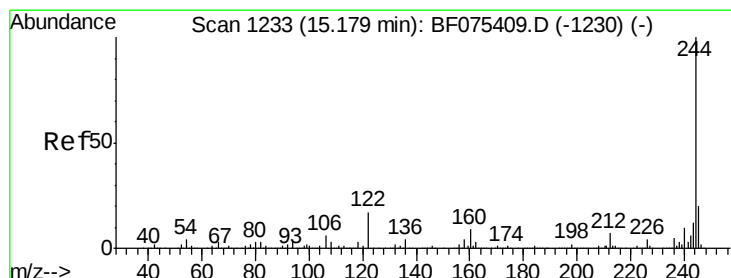
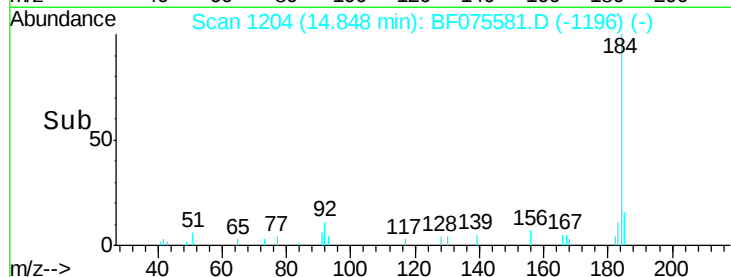
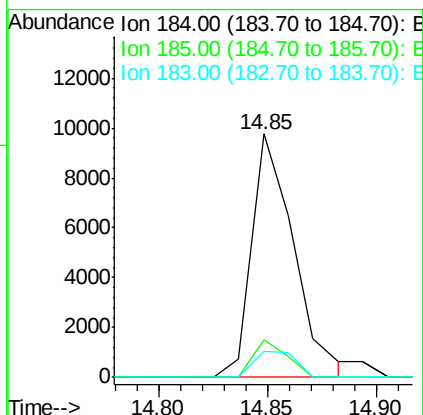
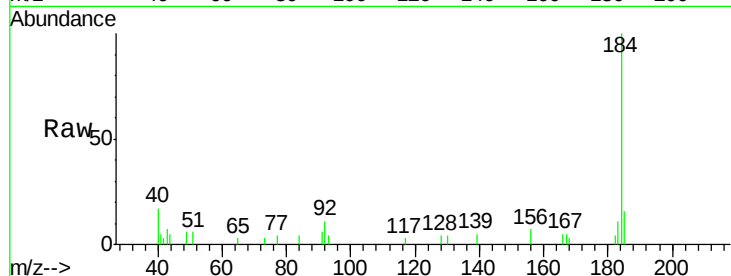




#76
Benzidine
Concen: 2.34 ng
RT: 14.85 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF075581.D
Acq: 16 Nov 2014 13:35

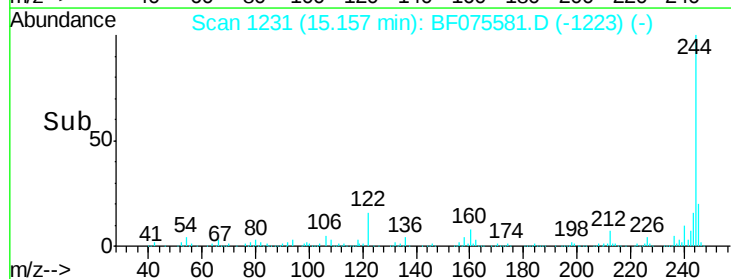
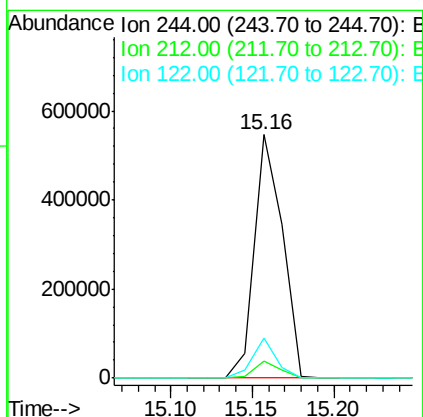
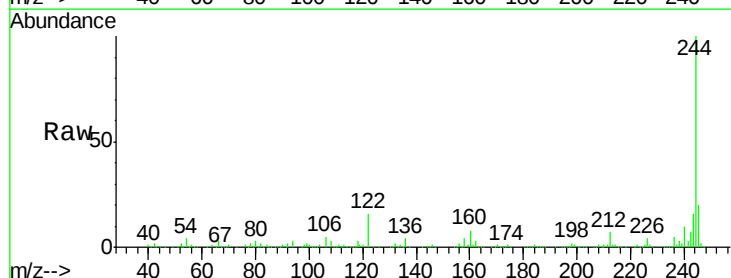
Instrument :
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HUDPARK-COMP2(B1)

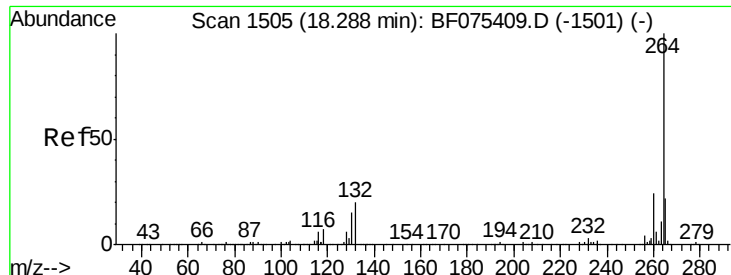
Tgt Ion:184 Resp: 13149
Ion Ratio Lower Upper
184 100
185 15.6 10.9 16.3
183 10.5 8.7 13.1



#78
Terphenyl-d14
Concen: 99.59 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF075581.D
Acq: 16 Nov 2014 13:35

Tgt Ion:244 Resp: 653832
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 16.4 9.7 14.5#

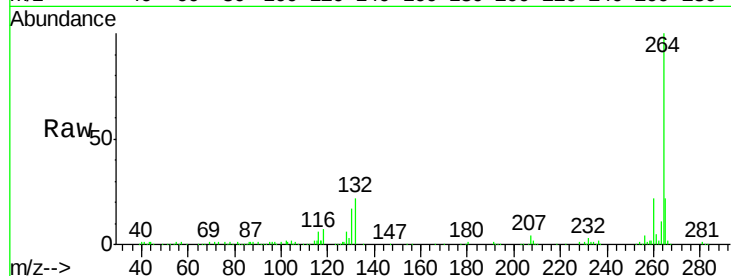




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.22 min Scan# 1499
Delta R.T. -0.07 min
Lab File: BF075581.D
Acq: 16 Nov 2014 13:35

Instrument :
BNA_F
ClientSampleId :
HUDPARK-COMP2(B1)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.9	26.9
265	21.5	16.3	24.5



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

