

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075583.D
 Acq On : 16 Nov 2014 14:31
 Operator : TP / JJ
 Sample : F4755-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP4

Quant Time: Nov 17 05:07:38 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

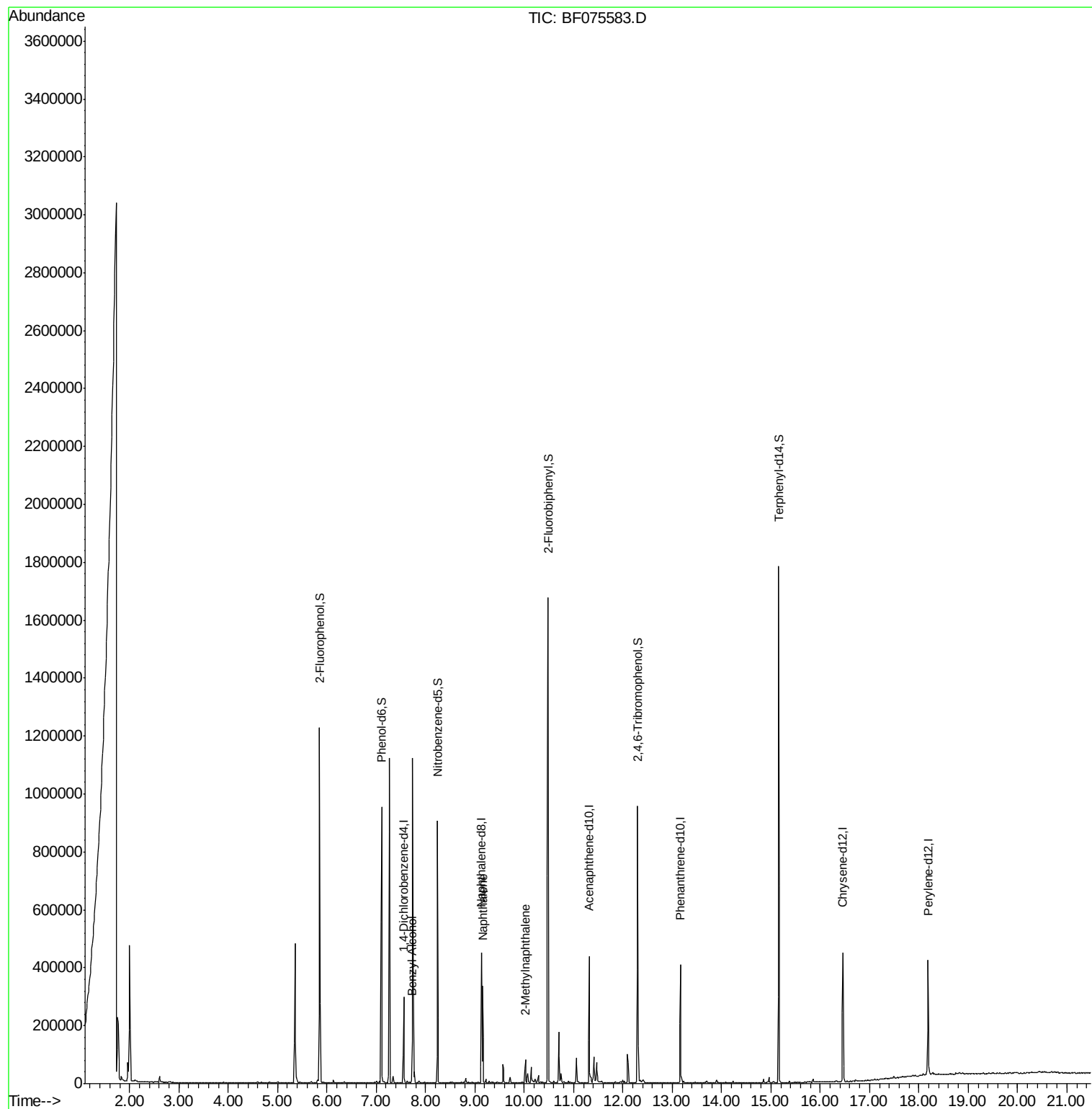
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	48525	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	198224	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	102716	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	181125	20.00	ng	0.00
75) Chrysene-d12	16.46	240	198089	20.00	ng	-0.02
86) Perylene-d12	18.19	264	195219	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	352803	128.44	ng	0.00
7) Phenol-d6	7.11	99	399296	120.88	ng	0.00
23) Nitrobenzene-d5	8.24	82	274193	101.41	ng	-0.01
41) 2,4,6-Tribromophenol	12.30	330	129729	150.79	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	602253	105.95	ng	0.00
78) Terphenyl-d14	15.16	244	658578	89.50	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.73	79	16308	6.29	ng	94
31) Naphthalene	9.16	128	175437	19.85	ng	98
37) 2-Methylnaphthalene	10.02	142	25407	4.21	ng	95

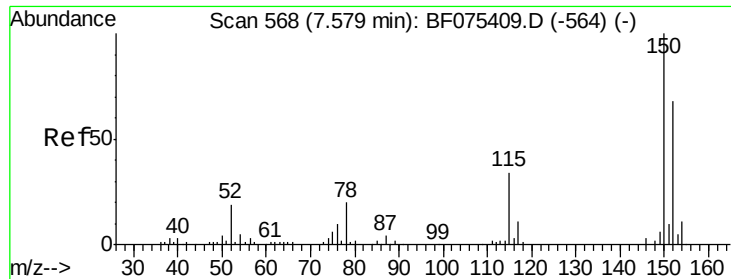
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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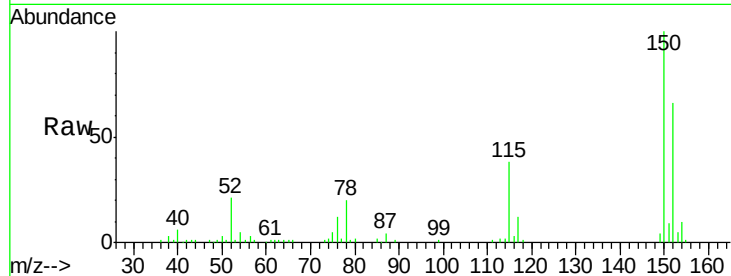


#1

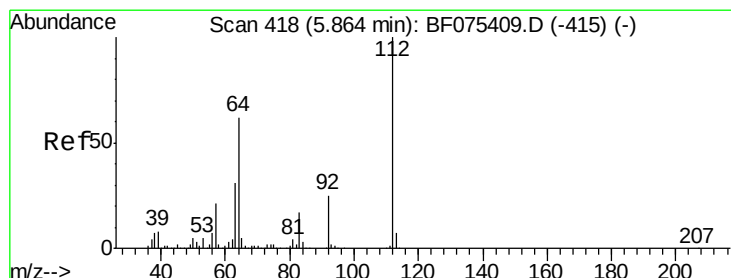
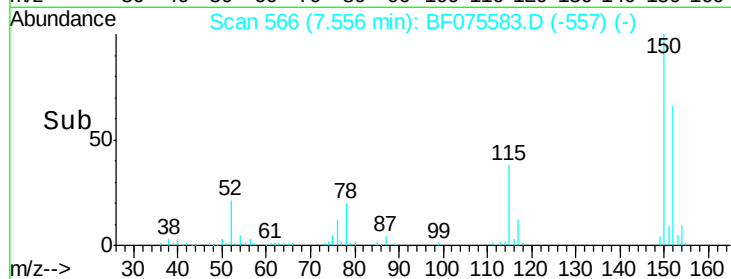
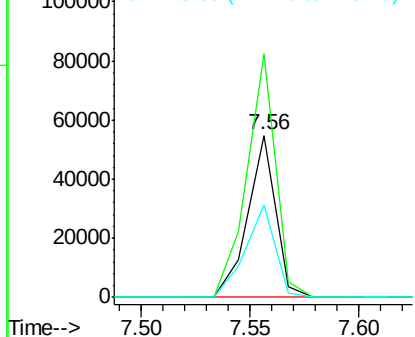
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF075583.D
 Acq: 16 Nov 2014 14:31

Instrument :
 BNA_F
 ClientSampleId :
 HUDPARK-COMP4

Tgt Ion:152 Resp: 48525
 Ion Ratio Lower Upper
 152 100
 150 150.6 127.2 190.8
 115 57.4 57.1 85.7



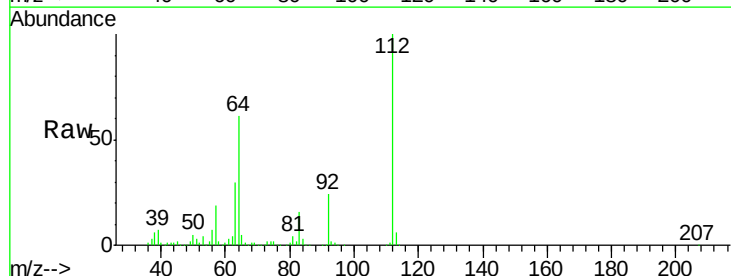
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



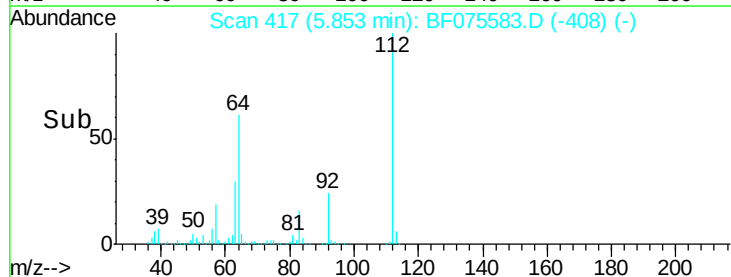
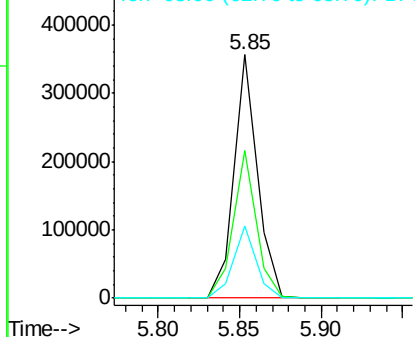
#5

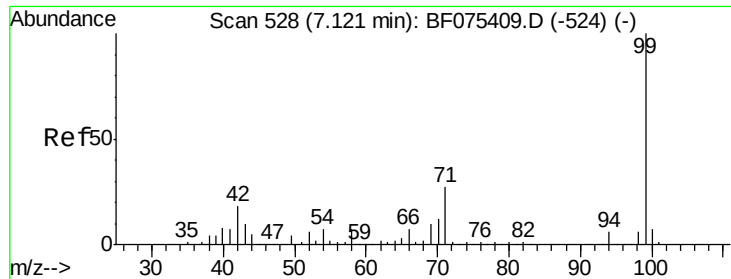
2-Fluorophenol
 Concen: 128.44 ng
 RT: 5.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF075583.D
 Acq: 16 Nov 2014 14:31

Tgt Ion:112 Resp: 352803
 Ion Ratio Lower Upper
 112 100
 64 60.8 45.8 68.6
 63 29.7 22.7 34.1



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: 120.88 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF075583.D

Acq: 16 Nov 2014 14:31

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP4

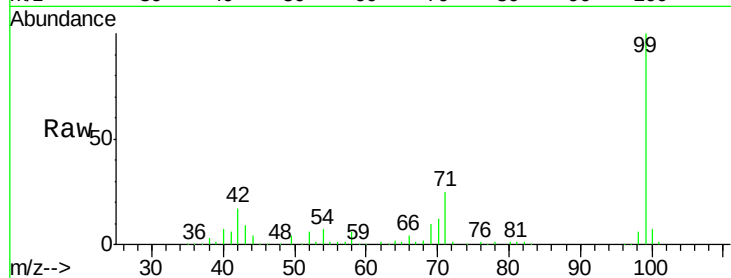
Tgt Ion: 99 Resp: 399296

Ion Ratio Lower Upper

99 100

42 16.6 19.8 29.6#

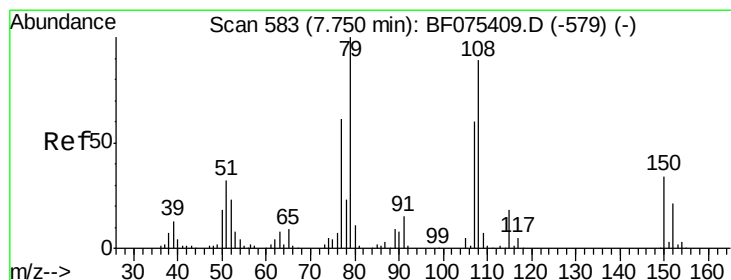
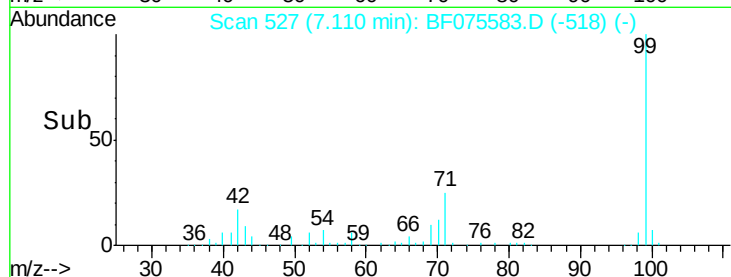
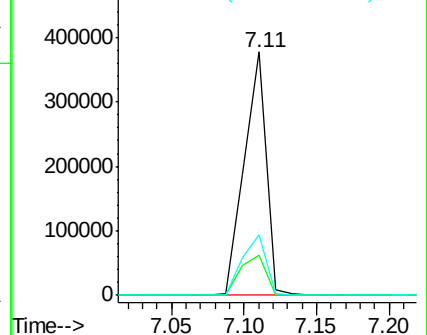
71 25.0 25.5 38.3#



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



#15

Benzyl Alcohol

Concen: 6.29 ng

RT: 7.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF075583.D

Acq: 16 Nov 2014 14:31

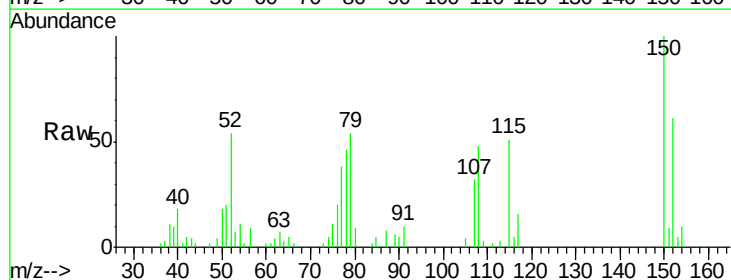
Tgt Ion: 79 Resp: 16308

Ion Ratio Lower Upper

79 100

108 89.0 75.5 113.3

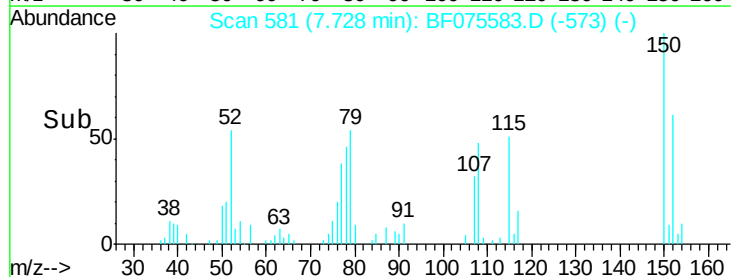
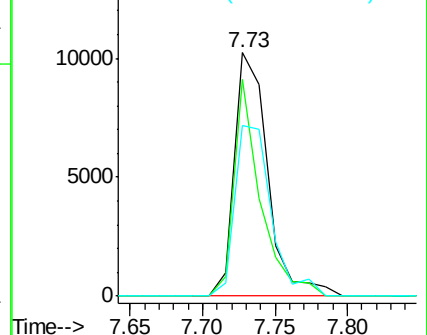
77 70.1 52.1 78.1

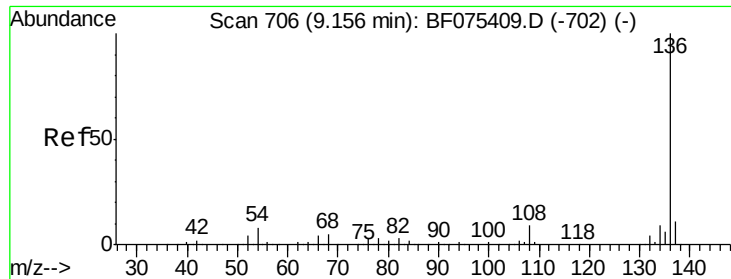


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

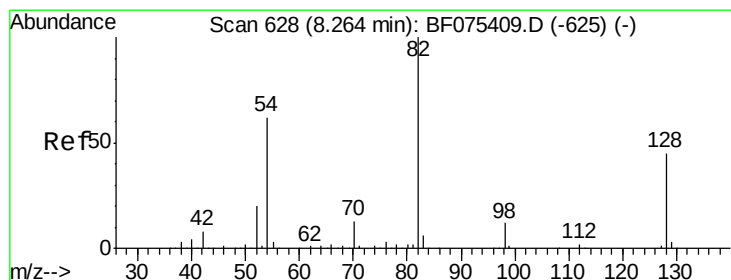
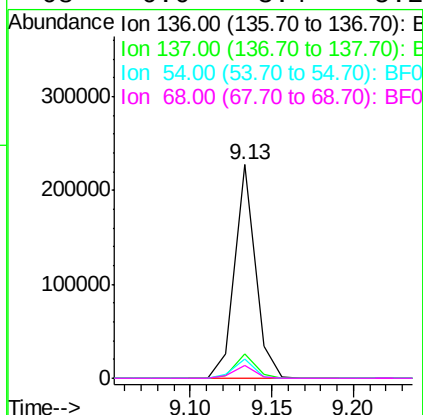
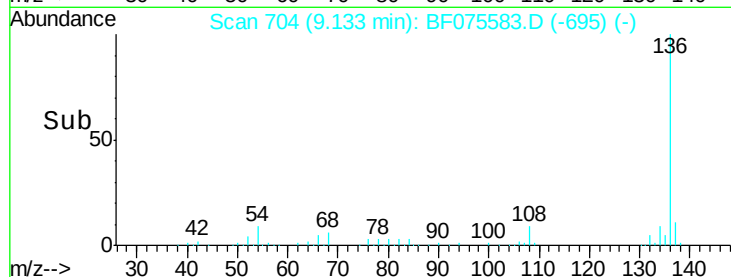
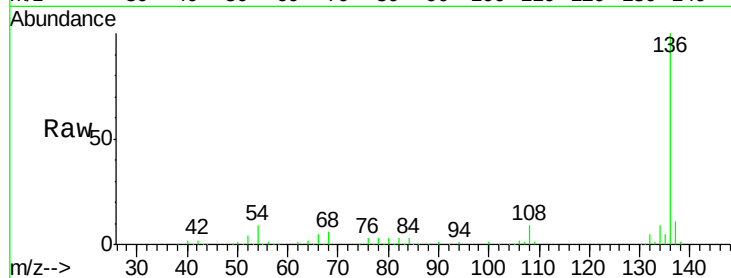




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF075583.D
Acq: 16 Nov 2014 14:31

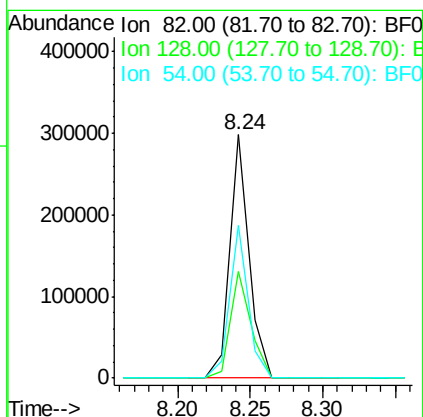
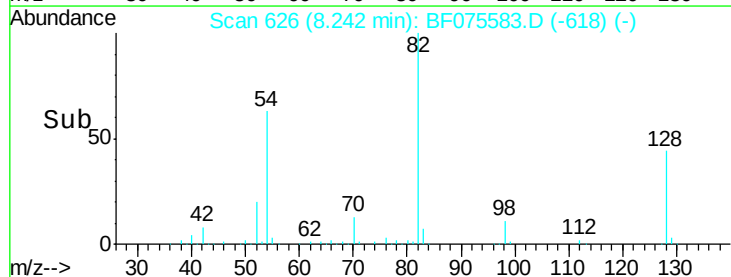
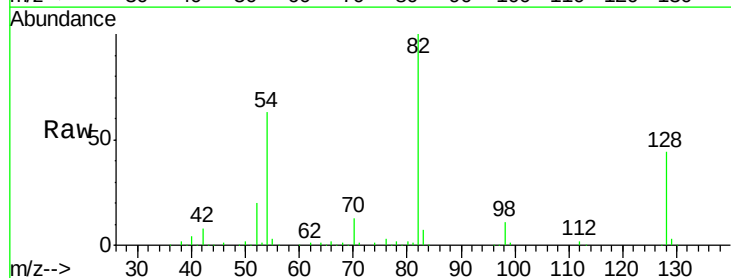
Instrument :
BNA_F
ClientSampleId :
HUDPARK-COMP4

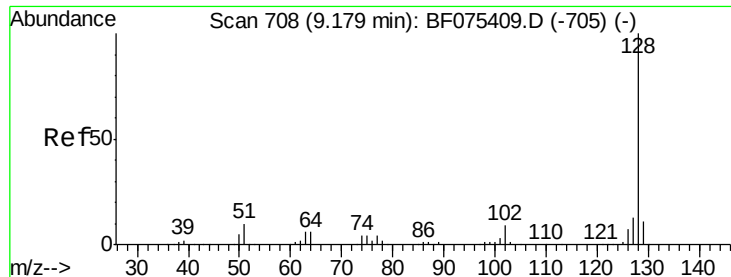
Tgt Ion:	136	Resp:	198224
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	9.3	6.2	9.4
68	6.0	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 101.41 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF075583.D
Acq: 16 Nov 2014 14:31

Tgt Ion:	82	Resp:	274193
Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.8	56.6
54	62.6	49.8	74.8

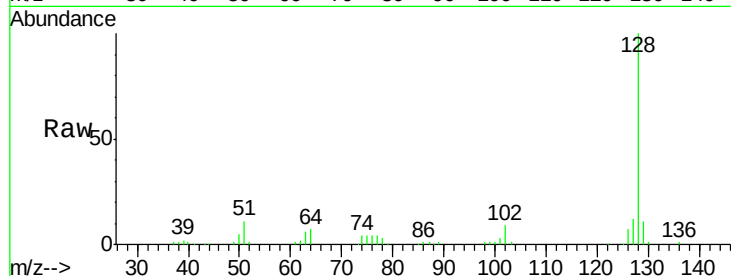




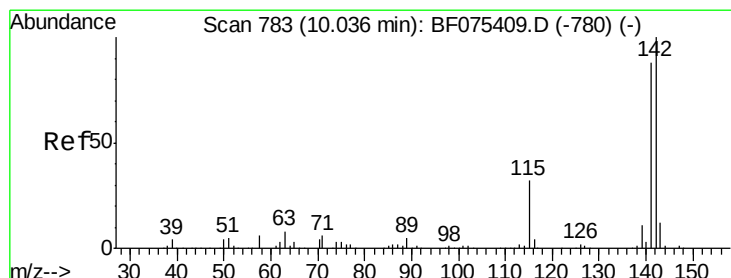
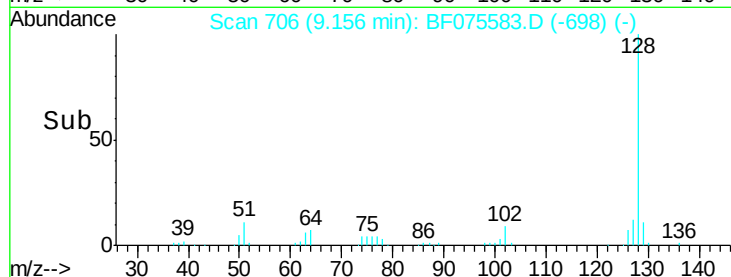
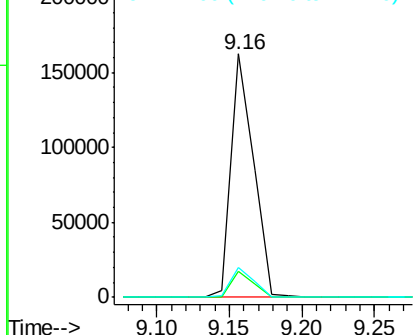
#31
Naphthalene
Concen: 19.85 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF075583.D
Acq: 16 Nov 2014 14:31

Instrument :
BNA_F
ClientSampleId :
HUDPARK-COMP4

Tgt Ion:128 Resp: 175437
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.1 10.2 15.4

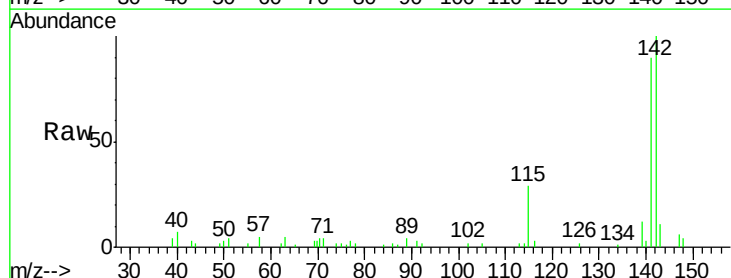


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

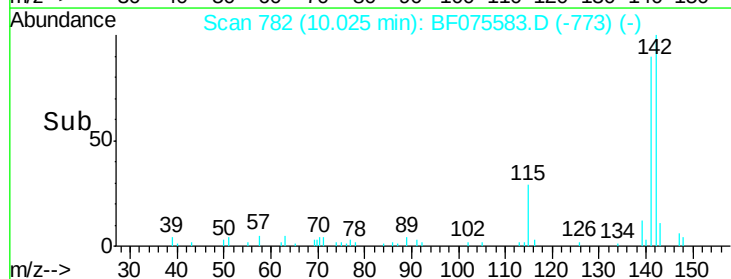
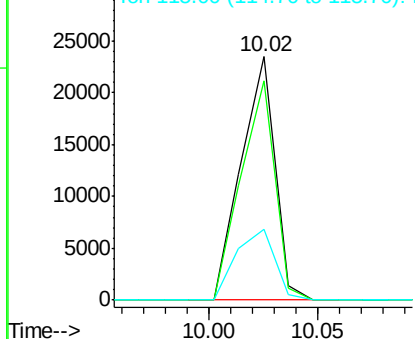


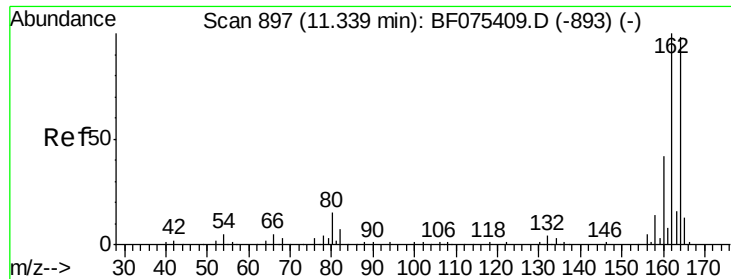
#37
2-Methylnaphthalene
Concen: 4.21 ng
RT: 10.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF075583.D
Acq: 16 Nov 2014 14:31

Tgt Ion:142 Resp: 25407
Ion Ratio Lower Upper
142 100
141 90.0 69.9 104.9
115 29.0 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF075583.D

Acq: 16 Nov 2014 14:31

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP4

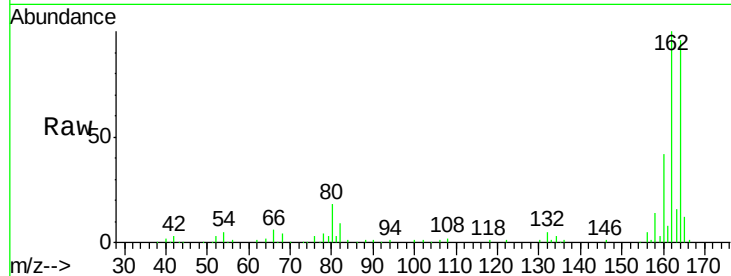
Tgt Ion:164 Resp: 102716

Ion Ratio Lower Upper

164 100

162 104.3 79.1 118.7

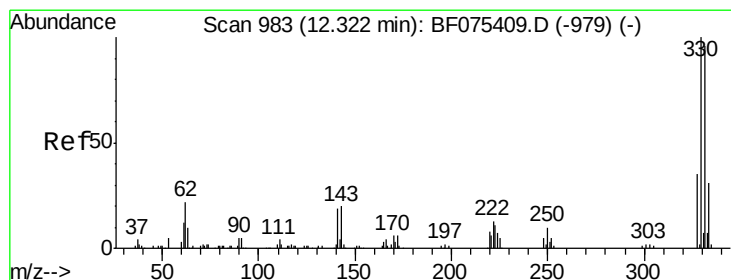
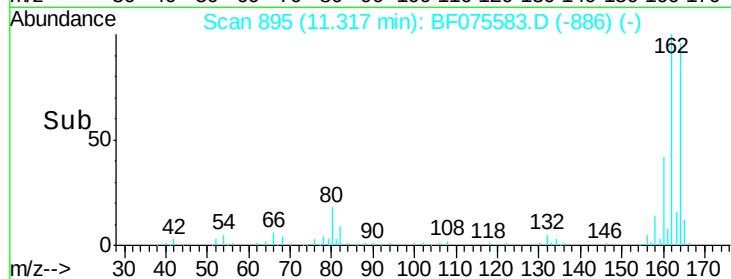
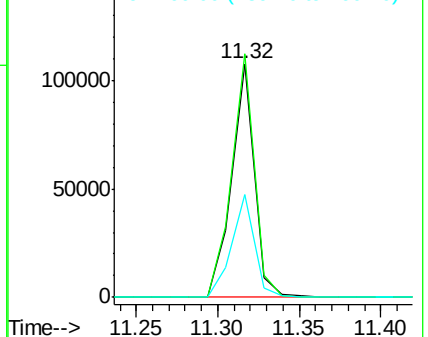
160 44.2 34.6 51.8



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: 150.79 ng

RT: 12.30 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF075583.D

Acq: 16 Nov 2014 14:31

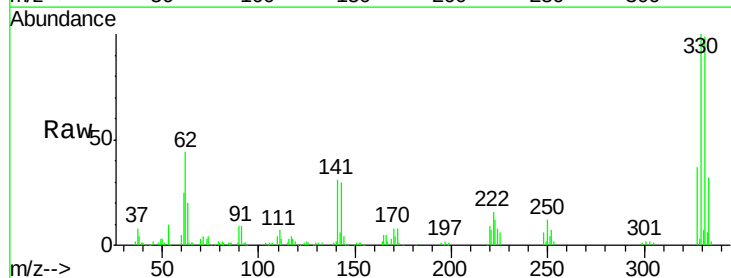
Tgt Ion:330 Resp: 129729

Ion Ratio Lower Upper

330 100

332 97.9 74.5 111.7

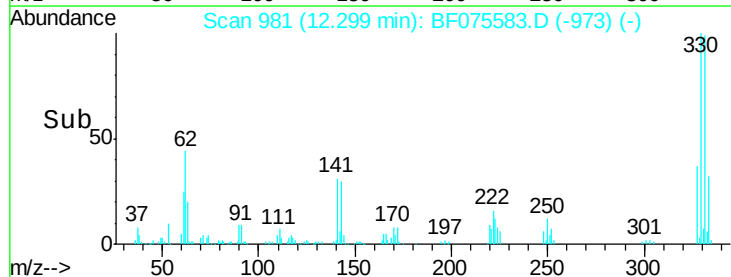
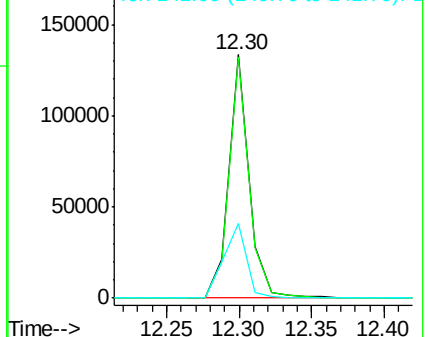
141 35.0 30.7 46.1

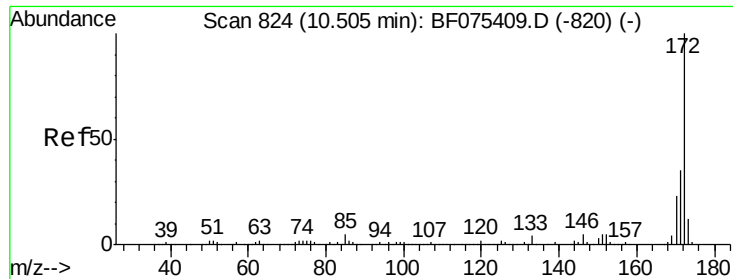


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

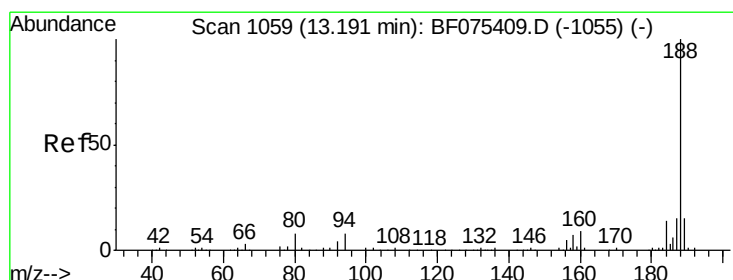
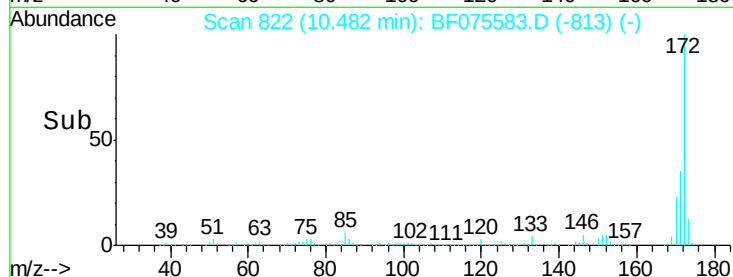
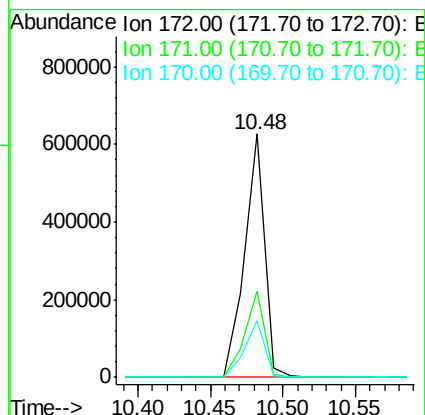
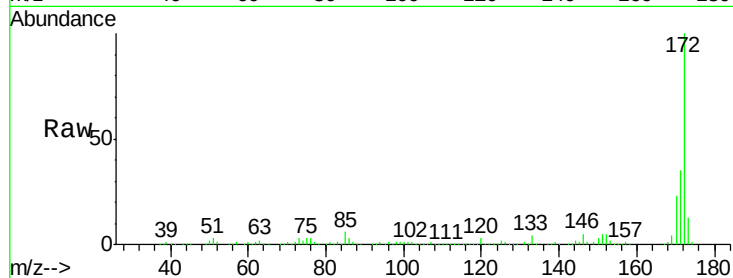




#44
2-Fluorobiphenyl
Concen: 105.95 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF075583.D
Acq: 16 Nov 2014 14:31

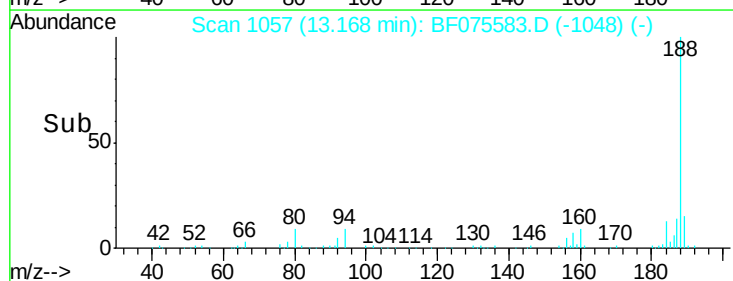
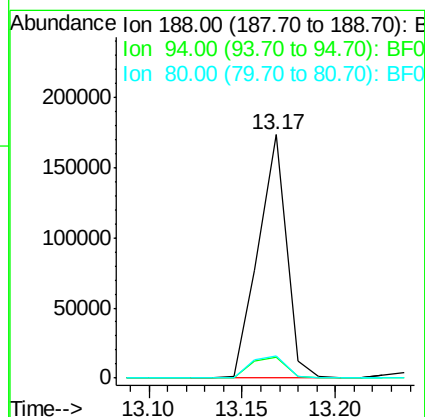
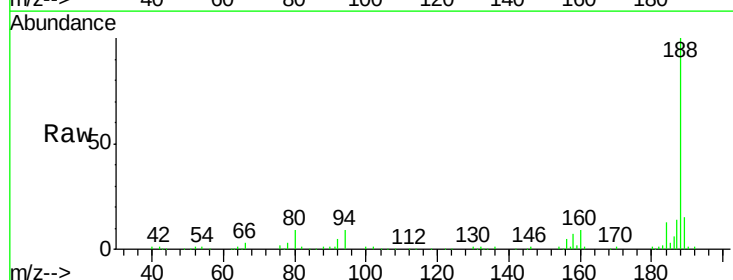
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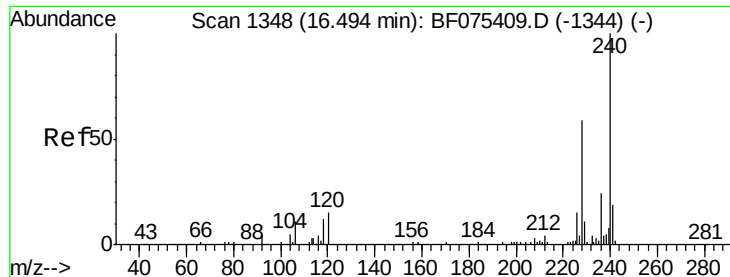
Tgt Ion:172 Resp: 602253
Ion Ratio Lower Upper
172 100
171 35.2 27.3 40.9
170 23.1 18.4 27.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF075583.D
Acq: 16 Nov 2014 14:31

Tgt Ion:188 Resp: 181125
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.1 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: BF075583.D

Acq: 16 Nov 2014 14:31

Instrument :

BNA_F

ClientSampleId :

HUDPARK-COMP4

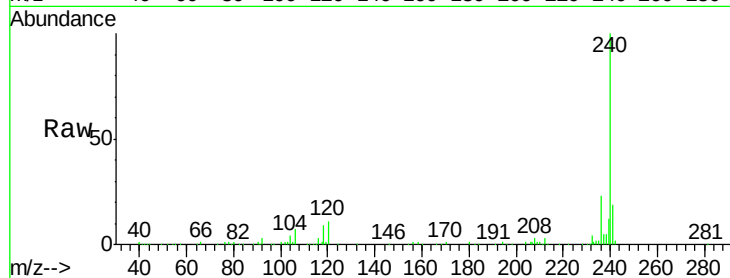
Tgt Ion:240 Resp: 198089

Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

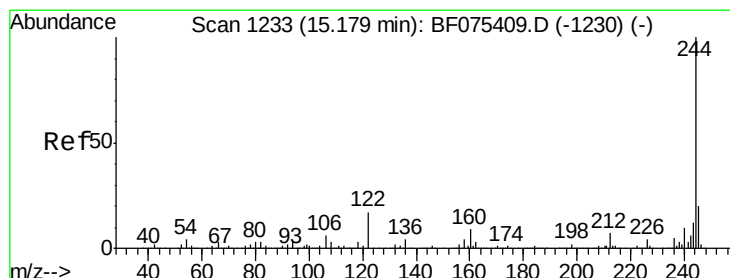
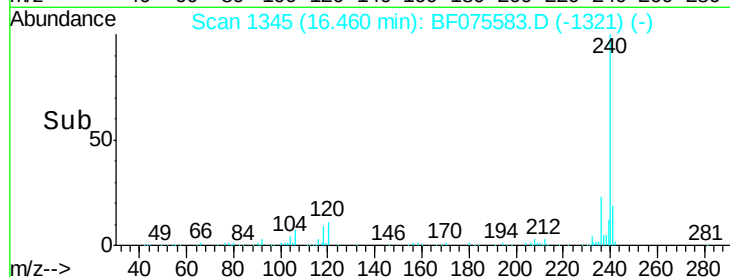
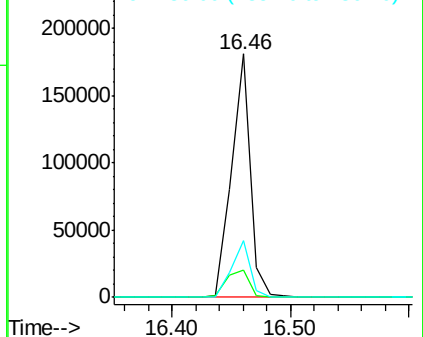
236 23.4 18.9 28.3



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: 89.50 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF075583.D

Acq: 16 Nov 2014 14:31

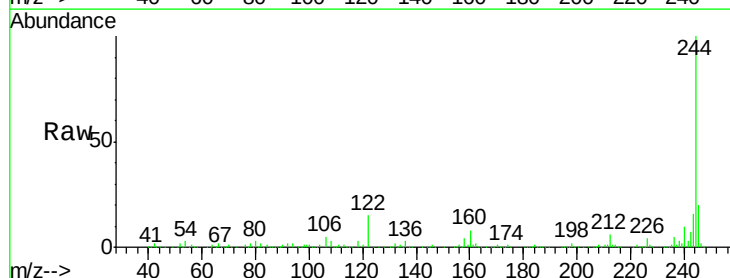
Tgt Ion:244 Resp: 658578

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

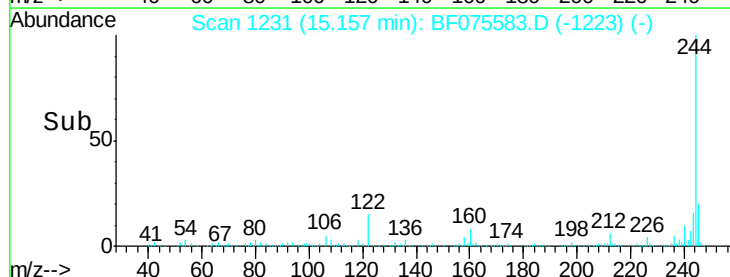
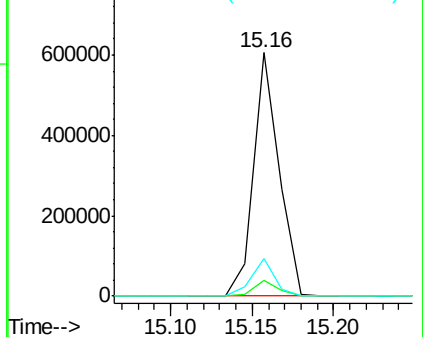
122 15.5 9.7 14.5#

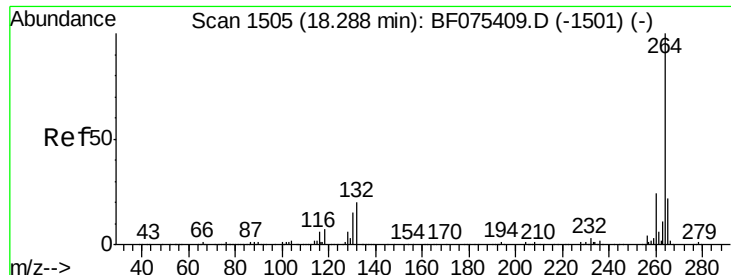


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

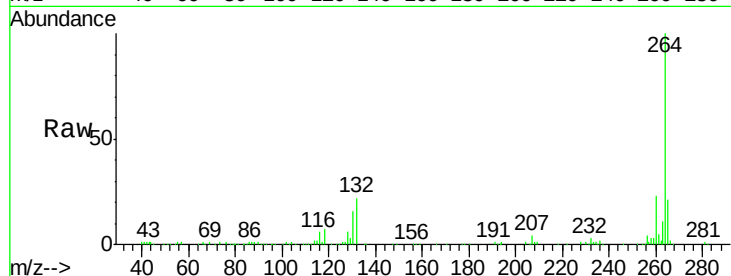




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. -0.10 min
Lab File: BF075583.D
Acq: 16 Nov 2014 14:31

Instrument :
BNA_F
ClientSampleId :
HUDPARK-COMP4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.3	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

