

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075507.D
 Acq On : 14 Nov 2014 21:30
 Operator : TP / JJ
 Sample : PB80238BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80238BL

Quant Time: Nov 14 23:25:32 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

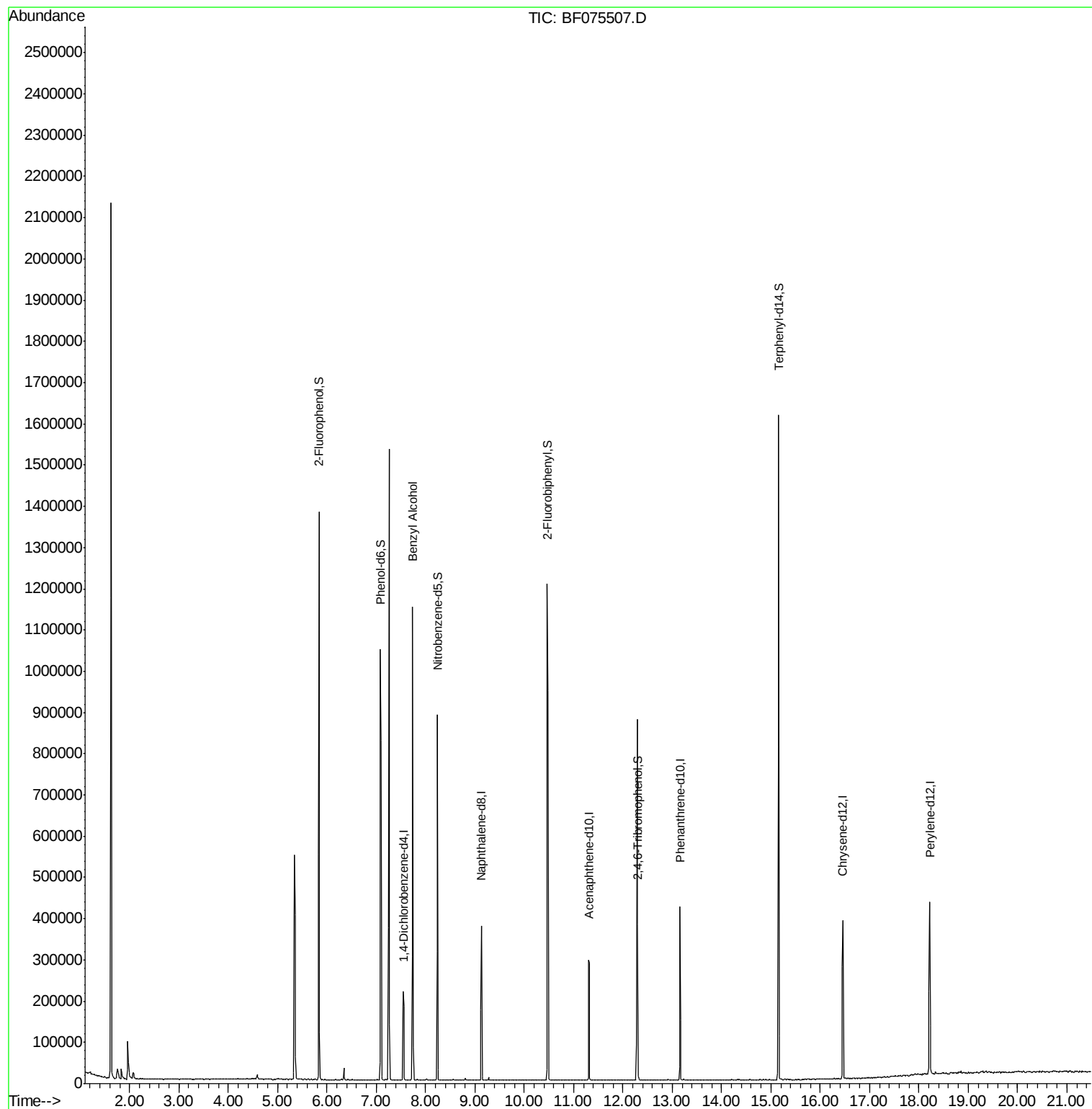
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	46309	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	196032	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	96180	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	166909	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	182425	20.00	ng	-0.08
86) Perylene-d12	18.22	264	192999	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	413789	157.85	ng	-0.02
7) Phenol-d6	7.09	99	484511	153.70	ng	-0.02
23) Nitrobenzene-d5	8.24	82	279927	104.69	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	114325	141.92	ng	-0.02
44) 2-Fluorobiphenyl	10.47	172	531870	99.93	ng	-0.02
78) Terphenyl-d14	15.16	244	601296	88.74	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.74	79	5213	2.11	ng	Qvalue # 41

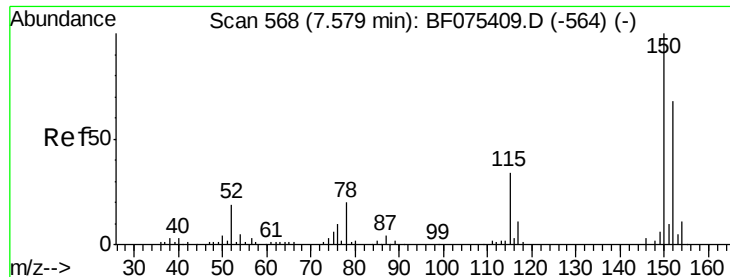
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

Instrument :

BNA_F

ClientSampleId :

PB80238BL

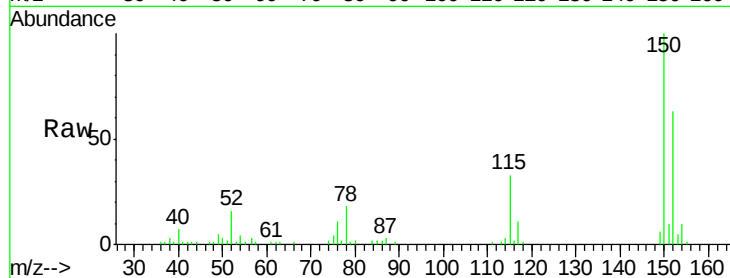
Tgt Ion:152 Resp: 46309

Ion Ratio Lower Upper

152 100

150 157.7 127.2 190.8

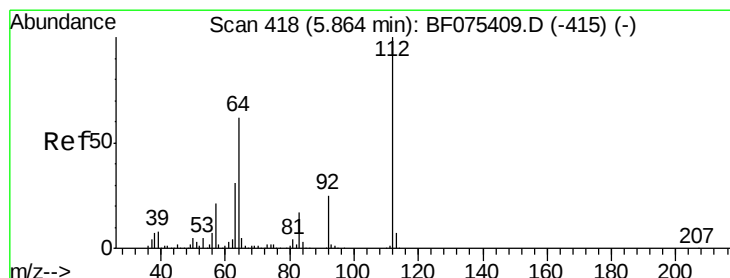
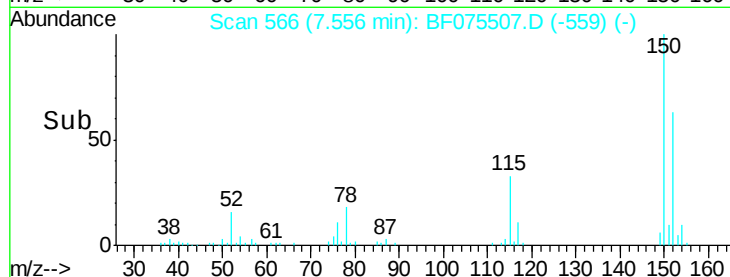
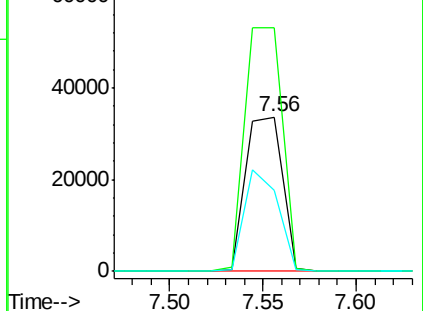
115 52.4 57.1 85.7#



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: 157.85 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

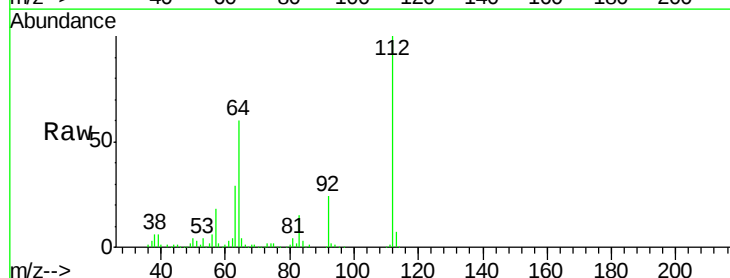
Tgt Ion:112 Resp: 413789

Ion Ratio Lower Upper

112 100

64 59.6 45.8 68.6

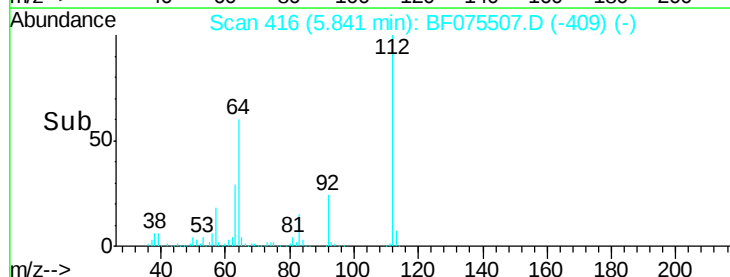
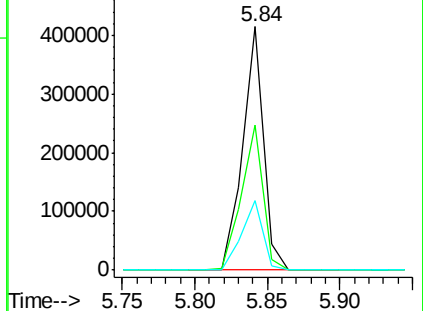
63 28.8 22.7 34.1

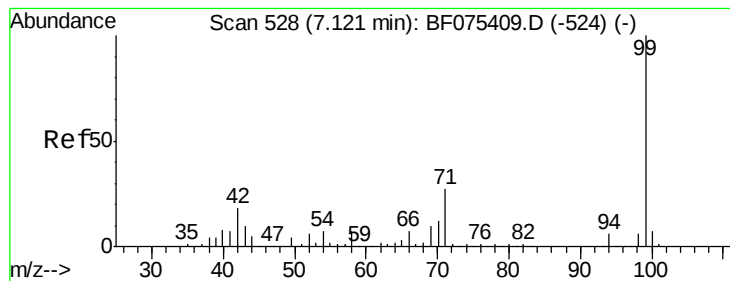


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.70 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

Instrument :

BNA_F

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PB80238BL

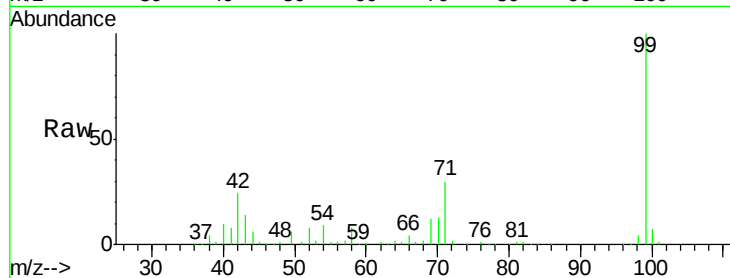
Tgt Ion: 99 Resp: 484511

Ion Ratio Lower Upper

99 100

42 24.4 19.8 29.6

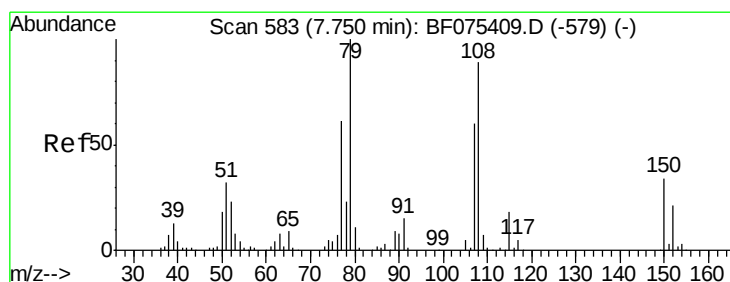
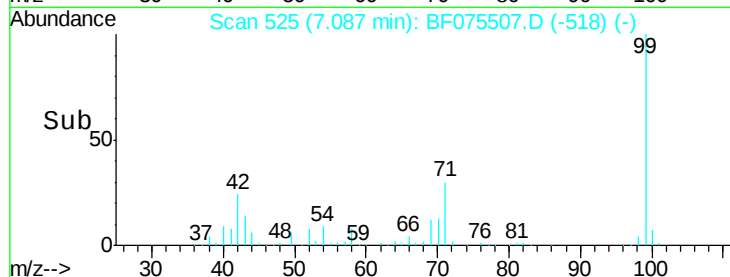
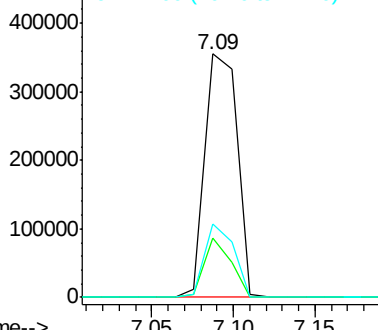
71 30.2 25.5 38.3



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

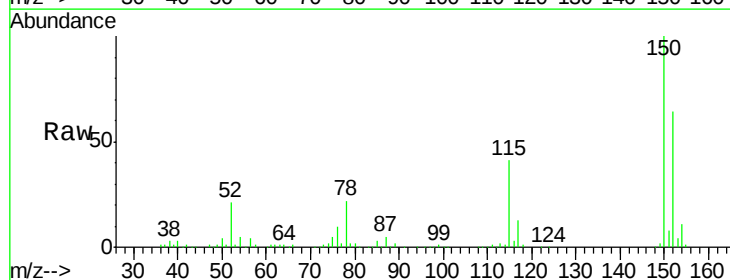
Tgt Ion: 79 Resp: 5213

Ion Ratio Lower Upper

79 100

108 26.8 75.5 113.3#

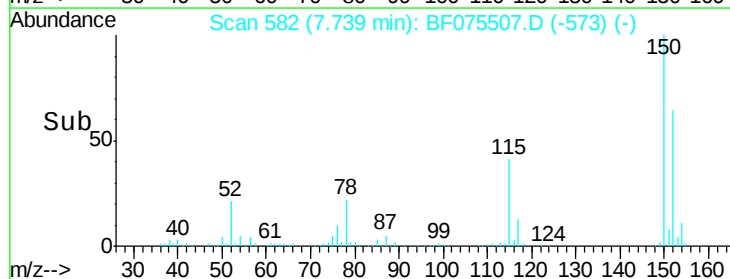
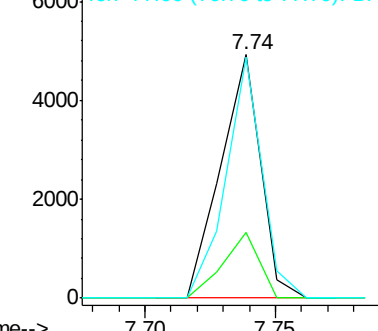
77 99.1 52.1 78.1#

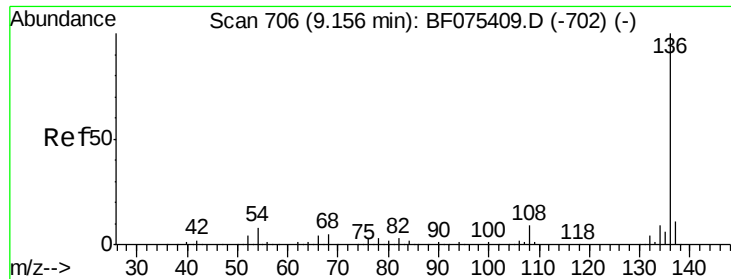


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

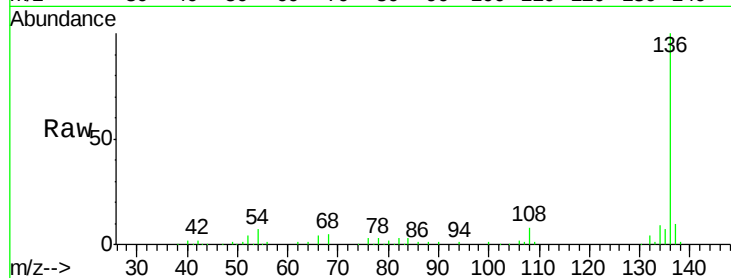




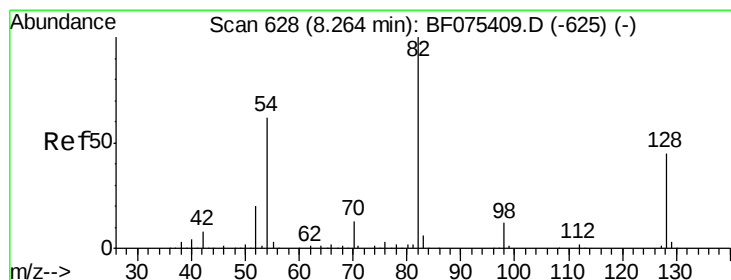
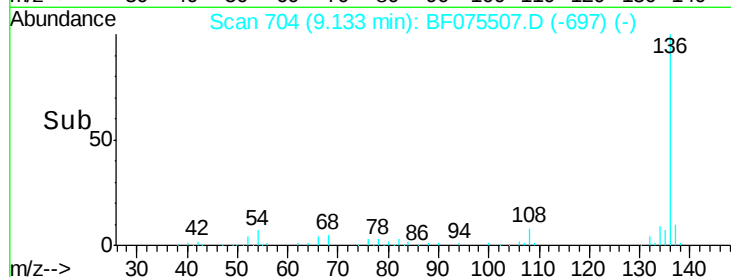
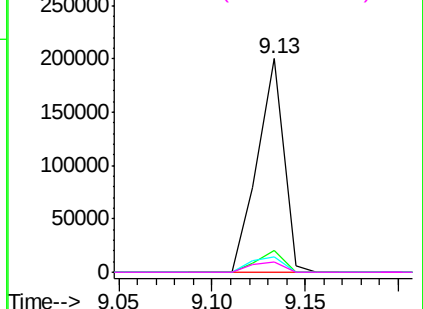
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Instrument :
BNA_F
ClientSampleId :
PB80238BL

Tgt Ion:	136	Resp:	196032
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	7.3	6.2	9.4
68	4.8	3.4	5.2

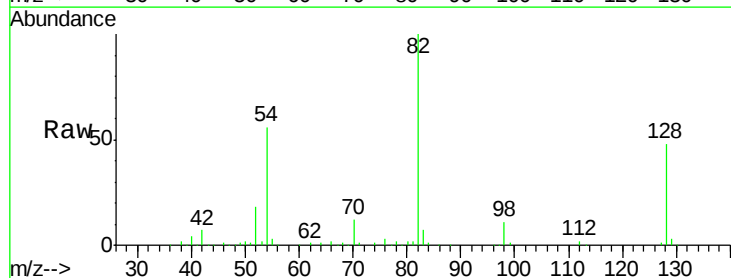


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

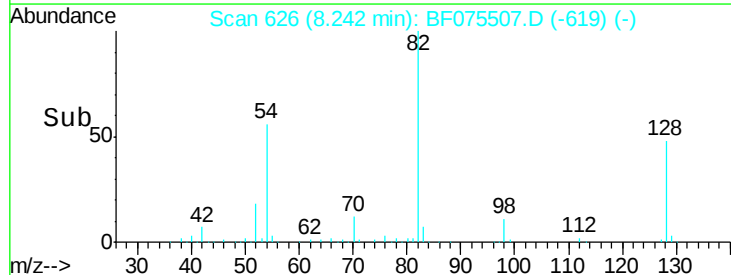
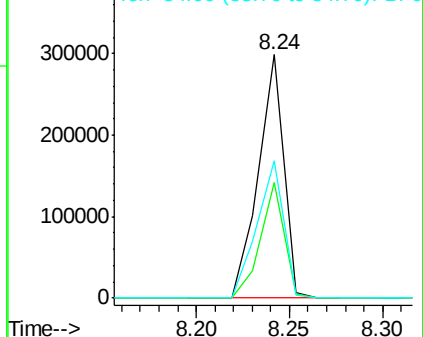


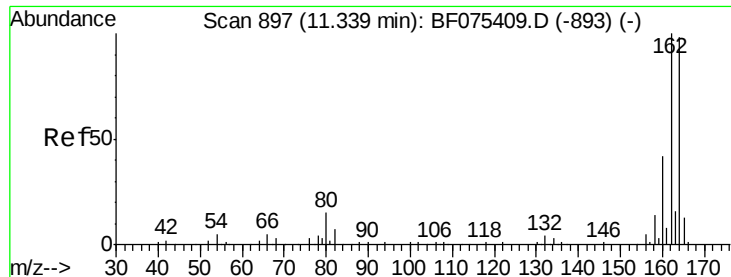
#23
Nitrobenzene-d5
Concen: 104.69 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Tgt Ion:	82	Resp:	279927
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.8	56.6
54	56.3	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. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

Instrument :

BNA_F

ClientSampleId :

PB80238BL

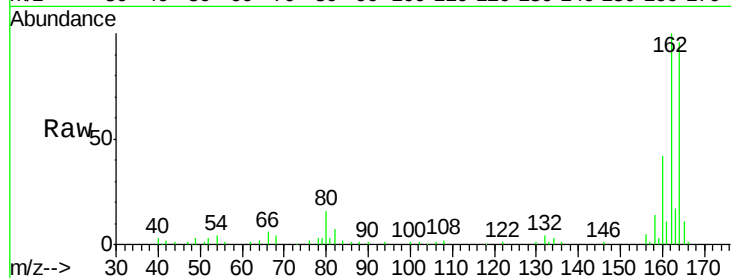
Tgt Ion:164 Resp: 96180

Ion Ratio Lower Upper

164 100

162 103.8 79.1 118.7

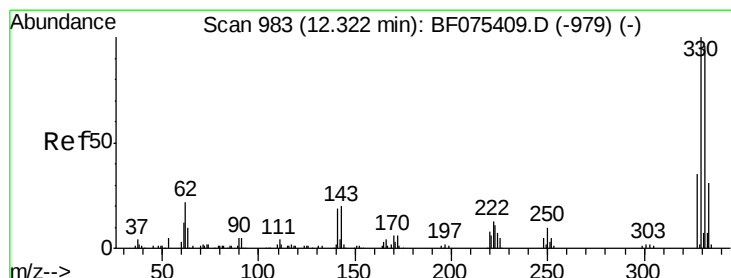
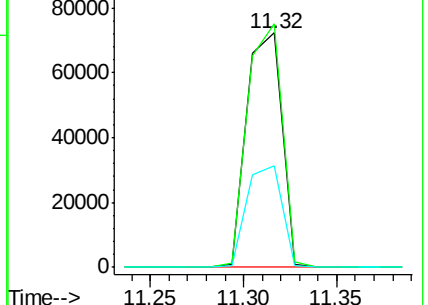
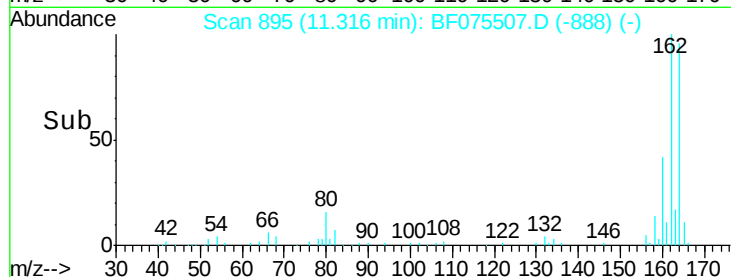
160 43.1 34.6 51.8



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: 141.92 ng

RT: 12.30 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

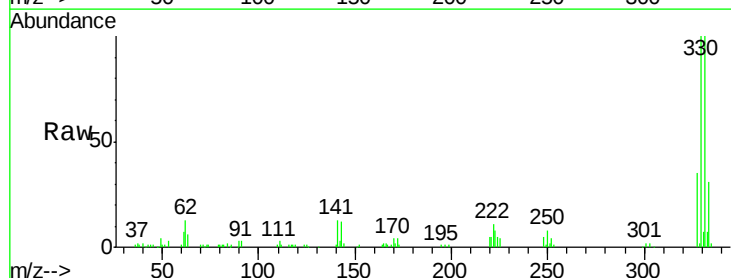
Tgt Ion:330 Resp: 114325

Ion Ratio Lower Upper

330 100

332 98.0 74.5 111.7

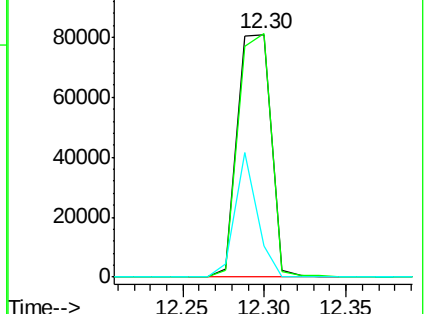
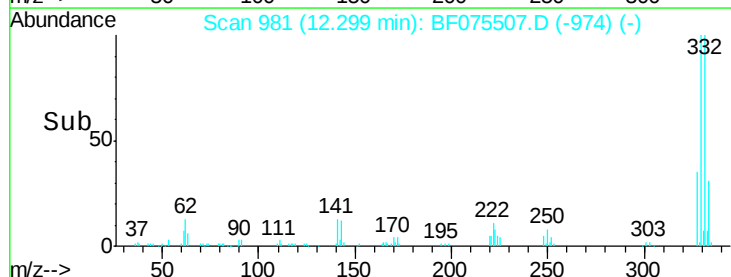
141 34.2 30.7 46.1

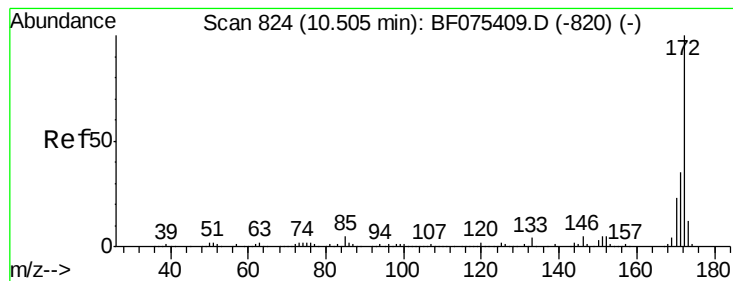


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 99.93 ng

RT: 10.47 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

Instrument :

BNA_F

ClientSampleId :

PB80238BL

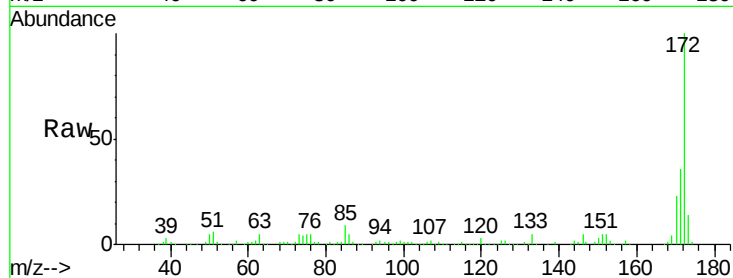
Tgt Ion:172 Resp: 531870

Ion Ratio Lower Upper

172 100

171 35.6 27.3 40.9

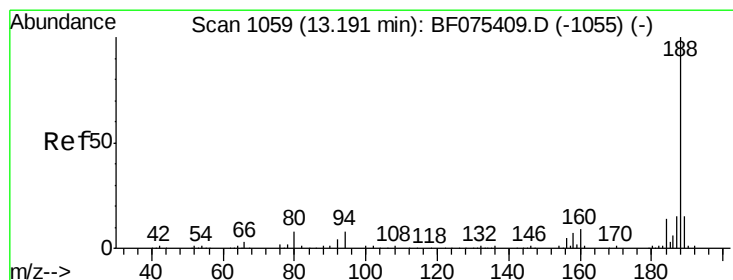
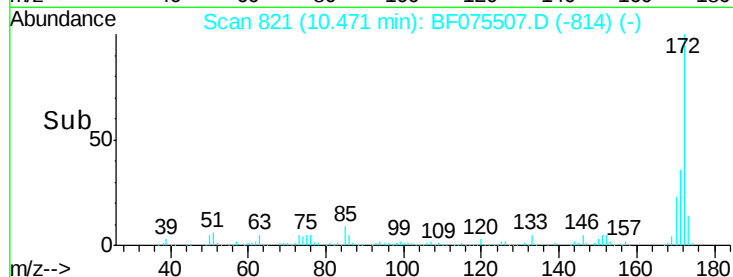
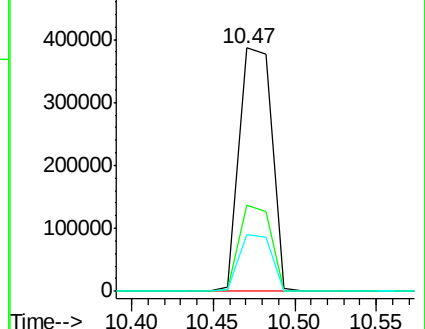
170 23.4 18.4 27.6



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: 13.16 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

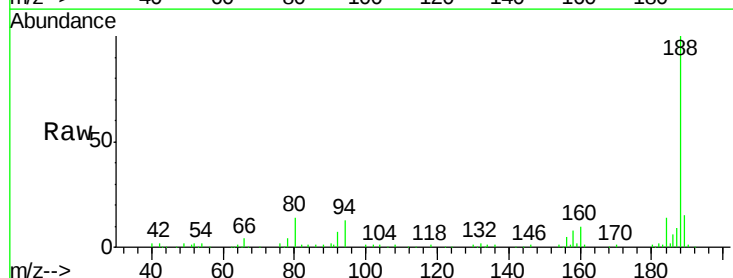
Tgt Ion:188 Resp: 166909

Ion Ratio Lower Upper

188 100

94 12.6 7.8 11.6#

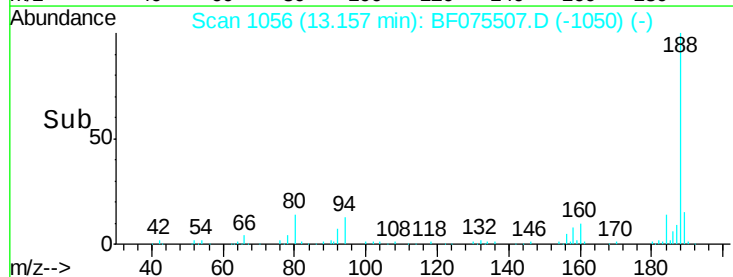
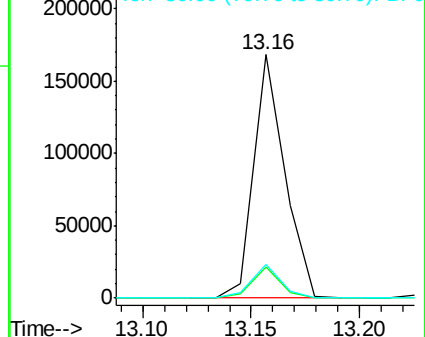
80 14.1 8.0 12.0#

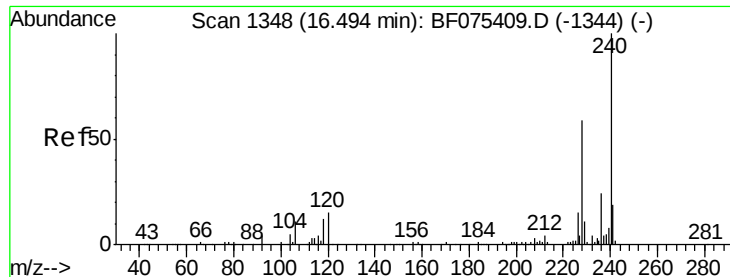


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.08 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

Instrument :

BNA_F

ClientSampleId :

PB80238BL

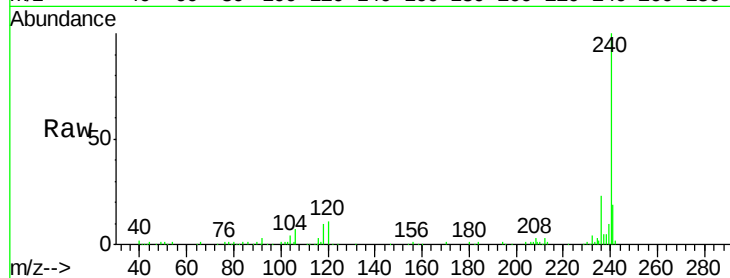
Tgt Ion:240 Resp: 182425

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

236 22.6 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

16.46

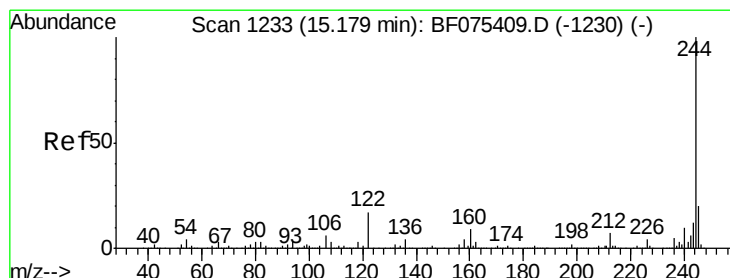
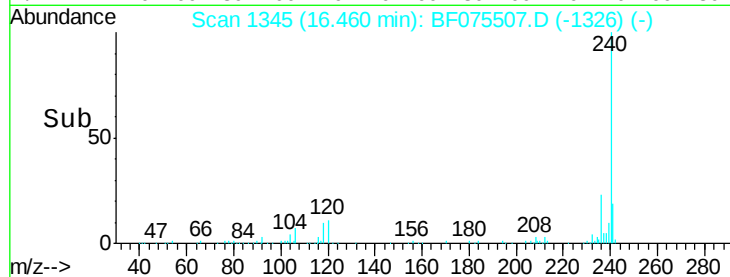
150000

100000

50000

0

Time-->



#78

Terphenyl-d14

Concen: 88.74 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.03 min

Lab File: BF075507.D

Acq: 14 Nov 2014 21:30

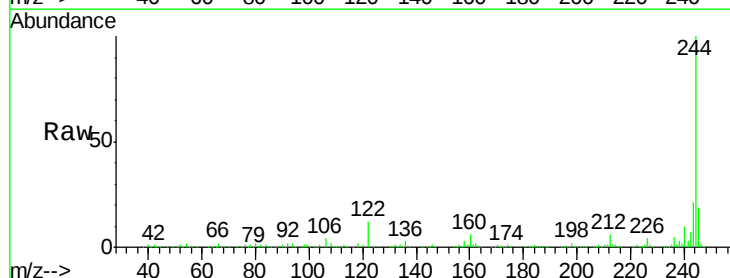
Tgt Ion:244 Resp: 601296

Ion Ratio Lower Upper

244 100

212 6.1 5.5 8.3

122 11.6 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

15.16

800000

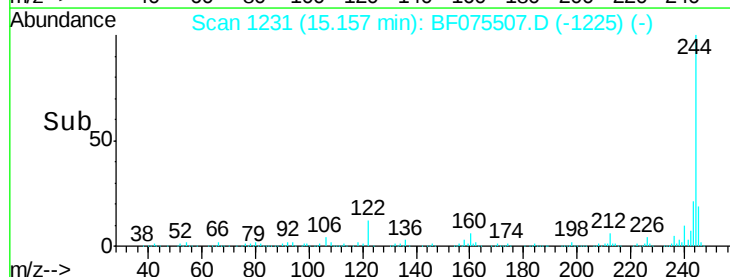
600000

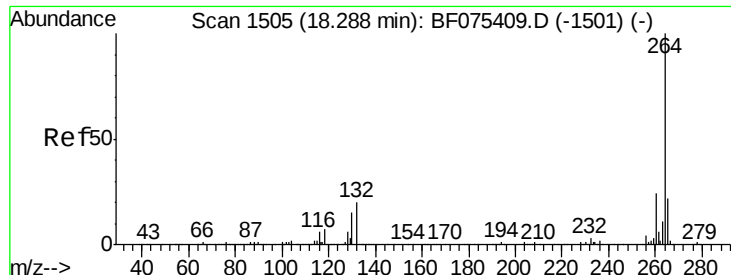
400000

200000

0

Time-->

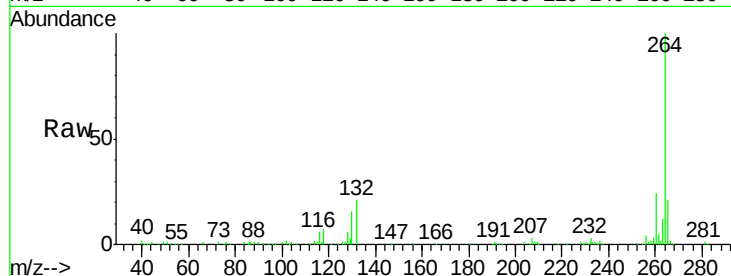




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.22 min Scan# 1499
Delta R.T. -0.22 min
Lab File: BF075507.D
Acq: 14 Nov 2014 21:30

Instrument :
BNA_F
ClientSampleId :
PB80238BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.9	26.9
265	20.6	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

