

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075588.D
 Acq On : 16 Nov 2014 19:16
 Operator : TP / JJ
 Sample : F4748-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1410302371

Quant Time: Nov 17 06:03:56 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

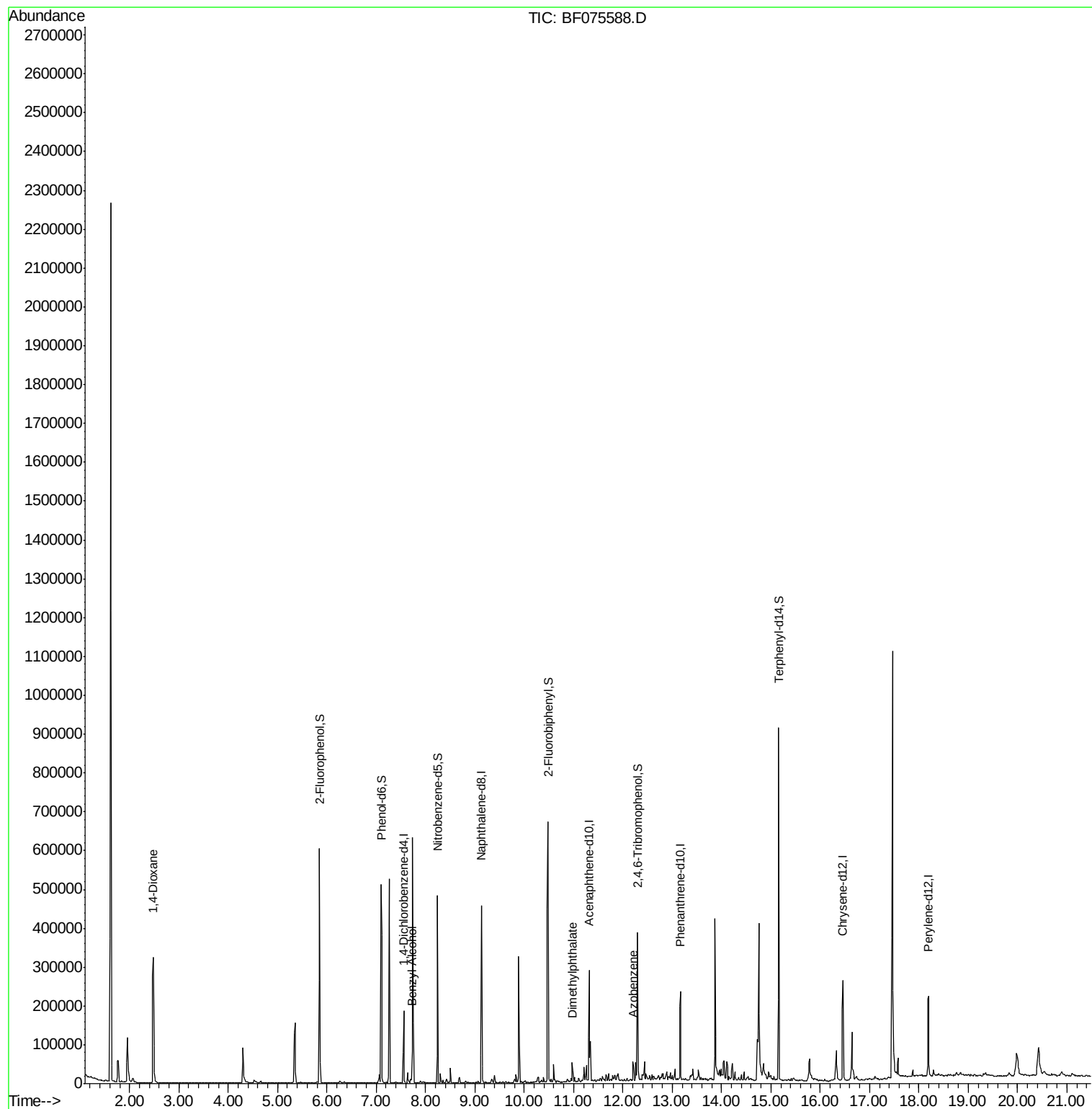
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	33347	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	139654	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	72249	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	121043	20.00	ng	0.00
75) Chrysene-d12	16.46	240	123577	20.00	ng	-0.01
86) Perylene-d12	18.20	264	121927	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	184695	97.85	ng	0.00
7) Phenol-d6	7.10	99	218578	96.29	ng	-0.01
23) Nitrobenzene-d5	8.24	82	133408	70.04	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	59444	98.23	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	284419	71.13	ng	0.00
78) Terphenyl-d14	15.16	244	299249	65.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.48	88	15284	19.29	ng	# 1
15) Benzyl Alcohol	7.73	79	8141	4.57	ng	# 76
49) Dimethylphthalate	10.97	163	19908	4.03	ng	99
62) Azobenzene	12.21	77	10672	2.37	ng	# 1

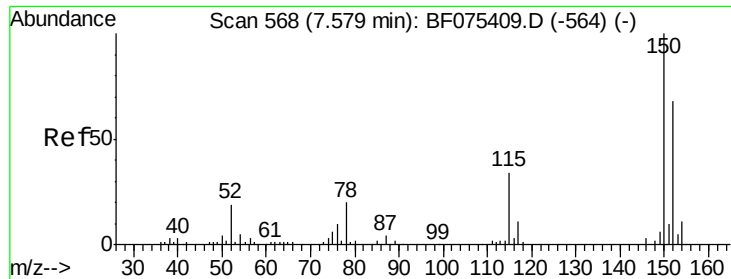
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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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: BF075588.D

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Instrument :

BNA_F

ClientSampleId :

1410302371

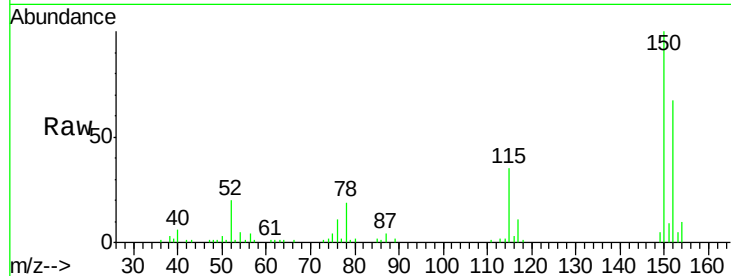
Tgt Ion:152 Resp: 33347

Ion Ratio Lower Upper

152 100

150 149.5 127.2 190.8

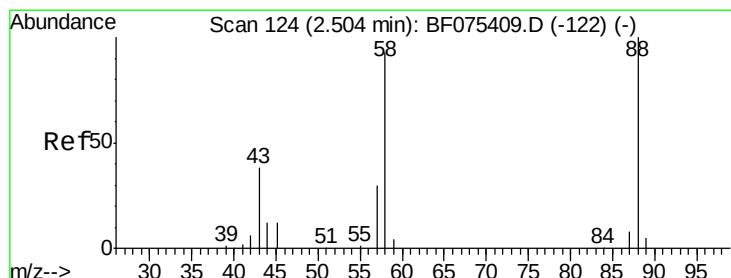
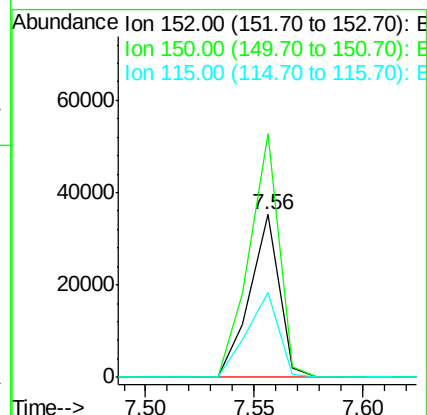
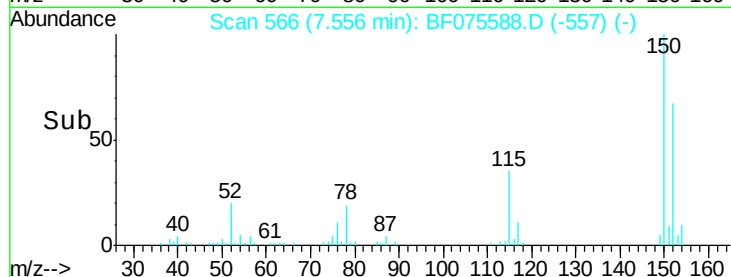
115 52.5 57.1 85.7#



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



#2

1,4-Dioxane

Concen: 19.29 ng

RT: 2.48 min Scan# 122

Delta R.T. 0.02 min

Lab File: BF075588.D

Acq: 16 Nov 2014 19:16

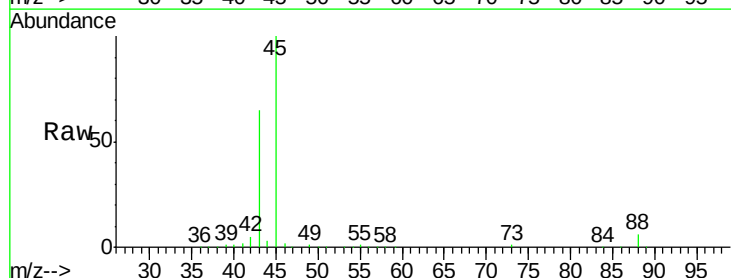
Tgt Ion: 88 Resp: 15284

Ion Ratio Lower Upper

88 100

58 4.3 73.5 110.3#

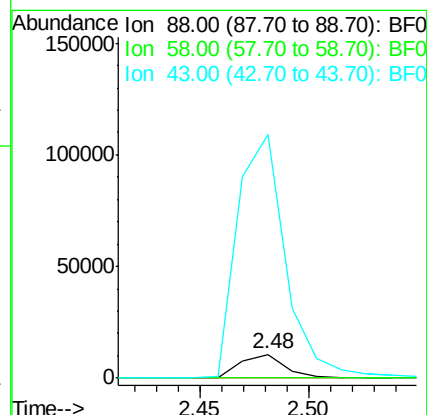
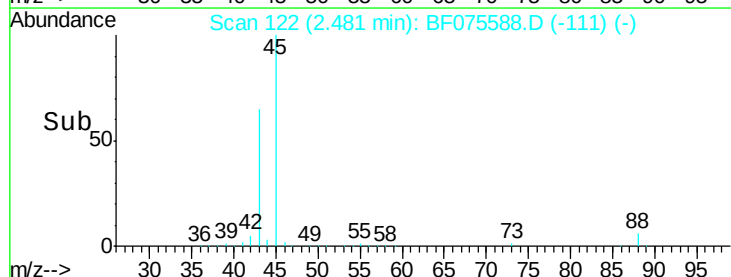
43 1092.4 31.9 47.9#

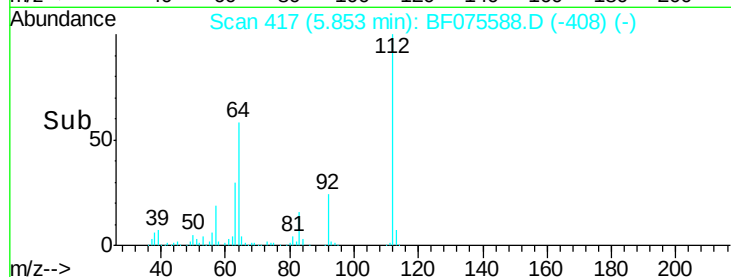
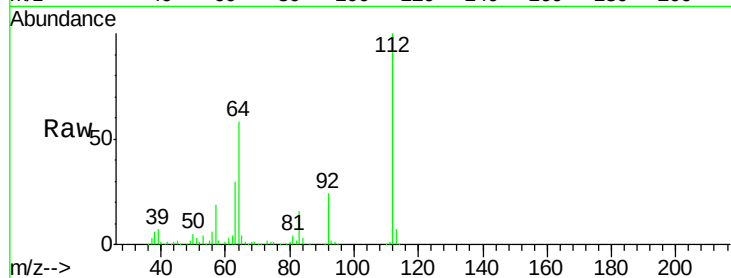
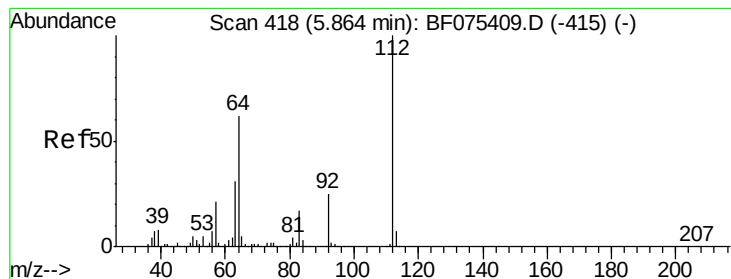


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 97.85 ng

RT: 5.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF075588.D

Acq: 16 Nov 2014 19:16

Instrument :

BNA_F

ClientSampleId :

1410302371

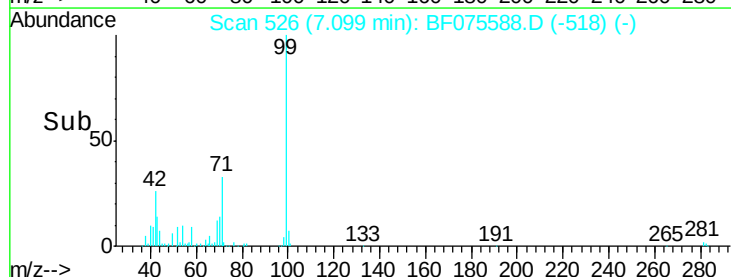
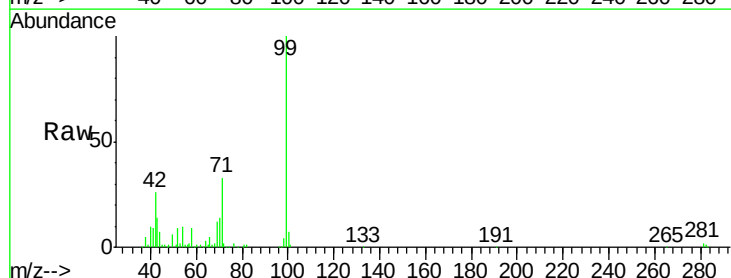
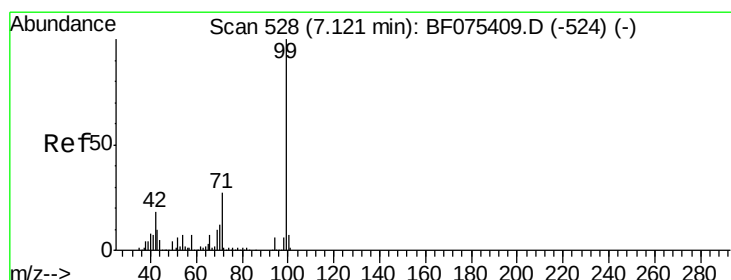
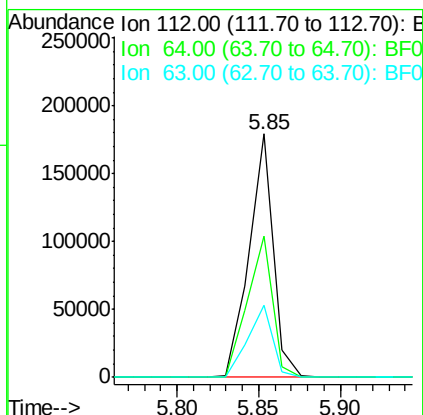
Tgt Ion: 112 Resp: 184695

Ion Ratio Lower Upper

112 100

64 58.0 45.8 68.6

63 29.6 22.7 34.1



#7

Phenol-d6

Concen: 96.29 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075588.D

Acq: 16 Nov 2014 19:16

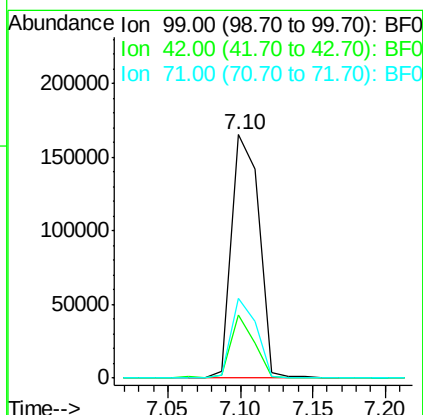
Tgt Ion: 99 Resp: 218578

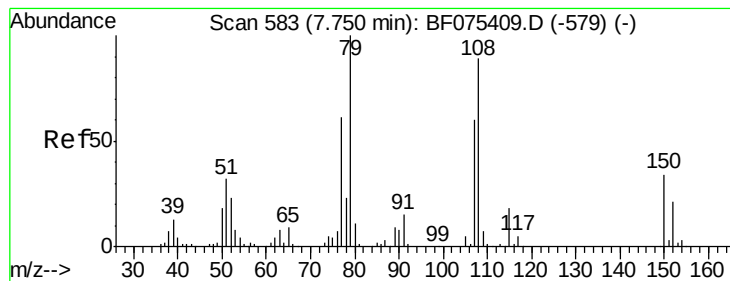
Ion Ratio Lower Upper

99 100

42 25.8 19.8 29.6

71 32.9 25.5 38.3





#15

Benzyl Alcohol

Concen: 4.57 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF075588.D

Acq: 16 Nov 2014 19:16

Instrument :

BNA_F

ClientSampleId :

1410302371

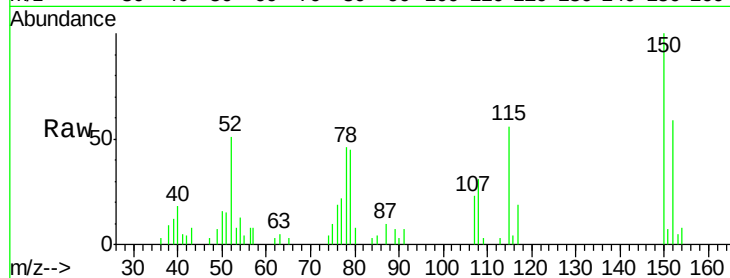
Tgt Ion: 79 Resp: 8141

Ion Ratio Lower Upper

79 100

108 69.2 75.5 113.3#

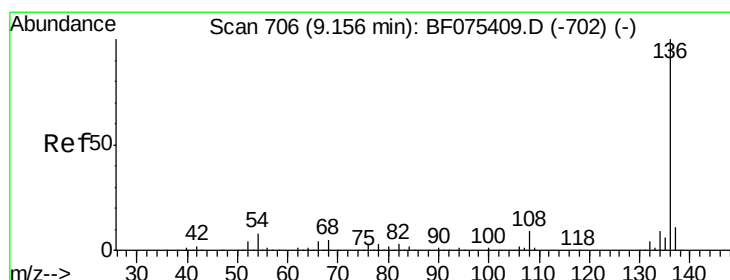
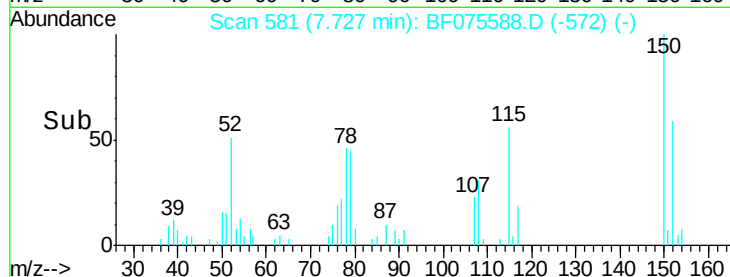
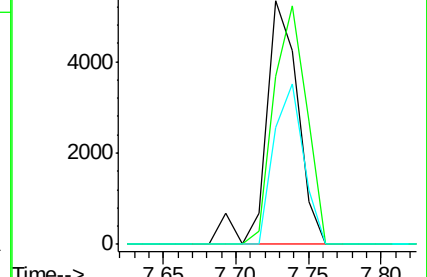
77 48.2 52.1 78.1#



Abundance Ion 79.00 (78.70 to 79.70): BF075409.D (-579) (-)

Ion 108.00 (107.70 to 108.70): BF075409.D (-579) (-)

Ion 77.00 (76.70 to 77.70): BF075409.D (-579) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075588.D

Acq: 16 Nov 2014 19:16

Tgt Ion: 136 Resp: 139654

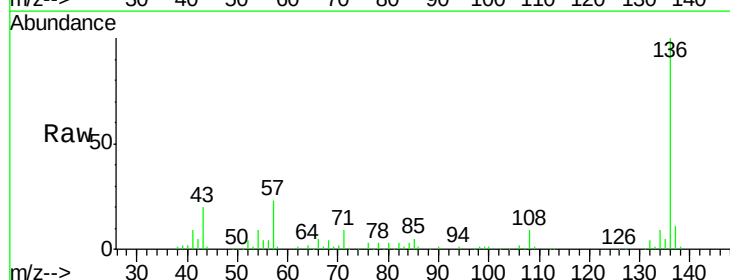
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 9.1 6.2 9.4

68 4.4 3.4 5.2

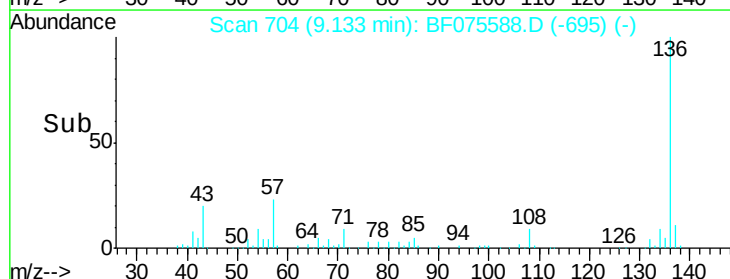
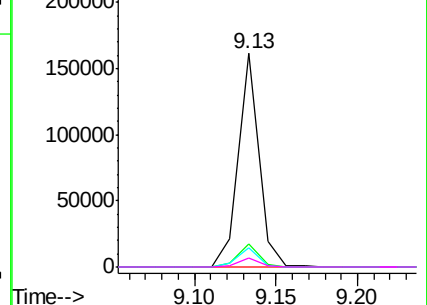


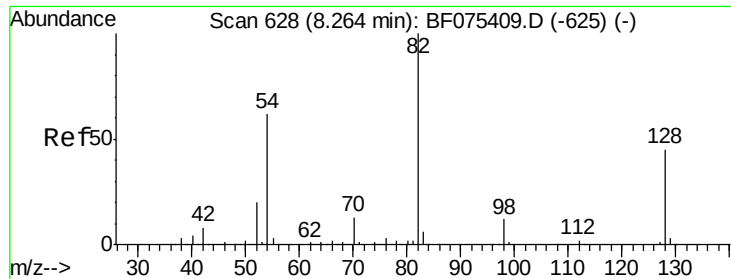
Abundance Ion 136.00 (135.70 to 136.70): BF075409.D (-702) (-)

Ion 137.00 (136.70 to 137.70): BF075409.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BF075409.D (-702) (-)

Ion 68.00 (67.70 to 68.70): BF075409.D (-702) (-)

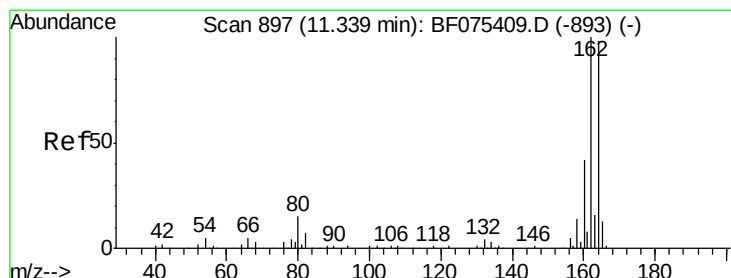
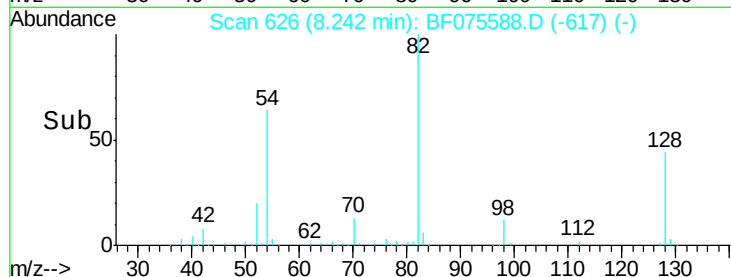
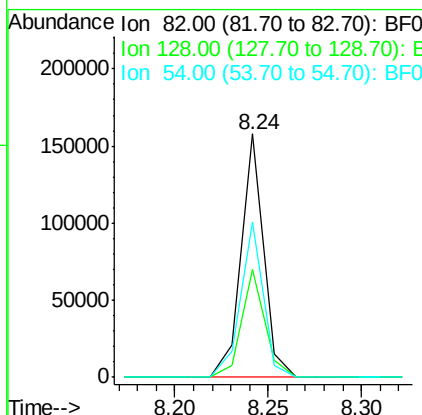
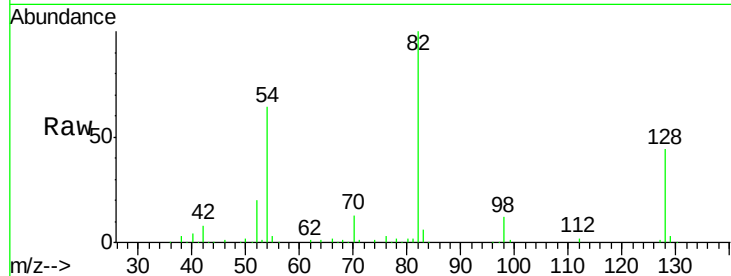




#23
 Nitrobenzene-d5
 Concen: 70.04 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075588.D
 Acq: 16 Nov 2014 19:16

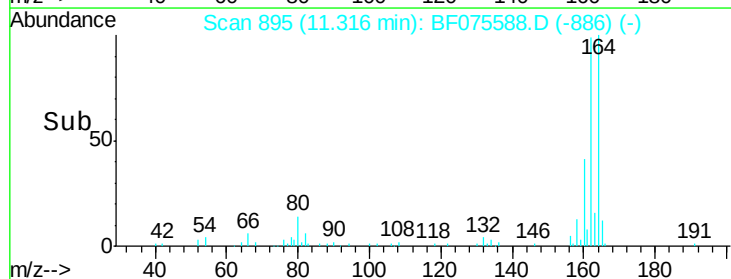
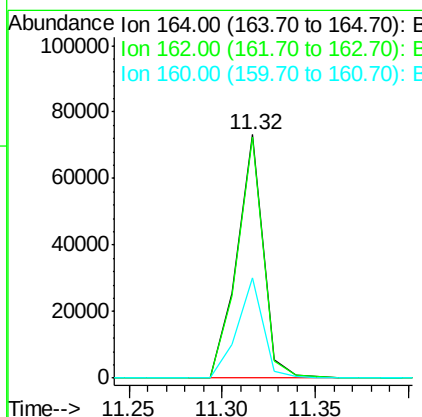
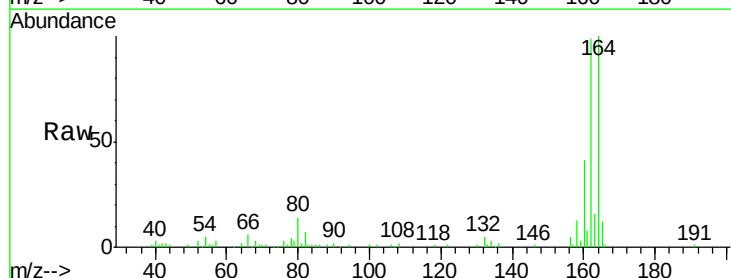
Instrument :
 BNA_F
 ClientSampleId :
 1410302371

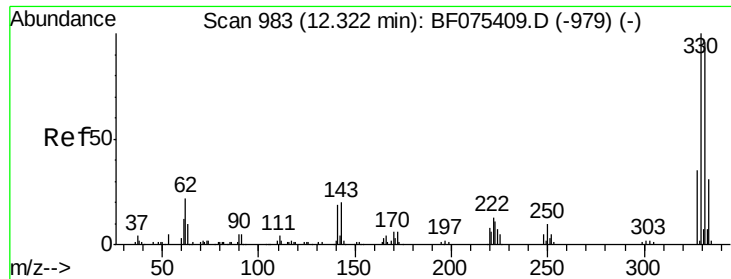
Tgt Ion: 82 Resp: 133408
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.8 56.6
 54 63.6 49.8 74.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075588.D
 Acq: 16 Nov 2014 19:16

Tgt Ion: 164 Resp: 72249
 Ion Ratio Lower Upper
 164 100
 162 98.8 79.1 118.7
 160 41.1 34.6 51.8

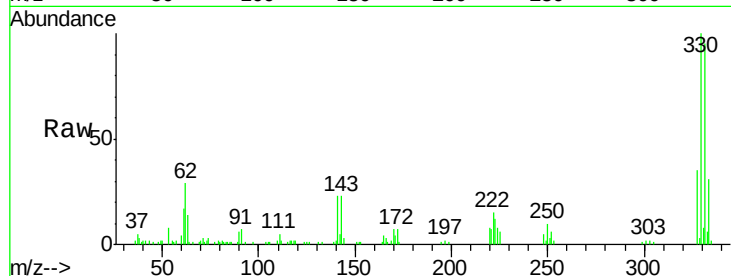




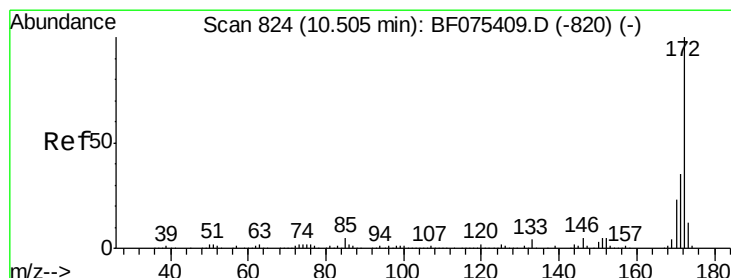
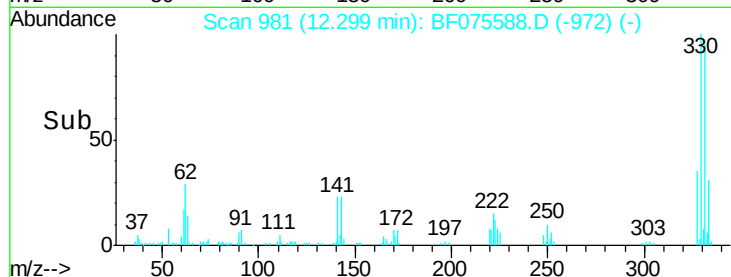
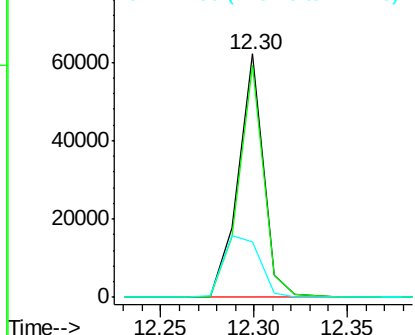
#41
 2,4,6-Tribromophenol
 Concen: 98.23 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075588.D
 Acq: 16 Nov 2014 19:16

Instrument :
 BNA_F
 ClientSampleId :
 1410302371

Tgt Ion:330 Resp: 59444
 Ion Ratio Lower Upper
 330 100
 332 93.9 74.5 111.7
 141 36.2 30.7 46.1

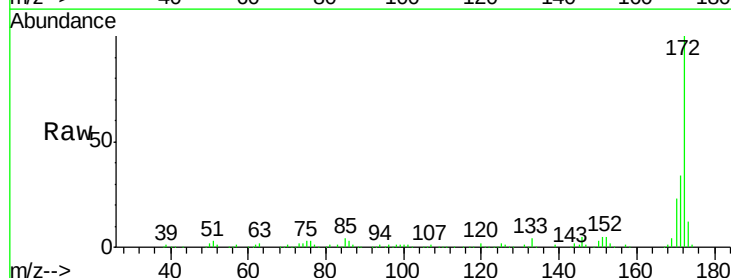


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

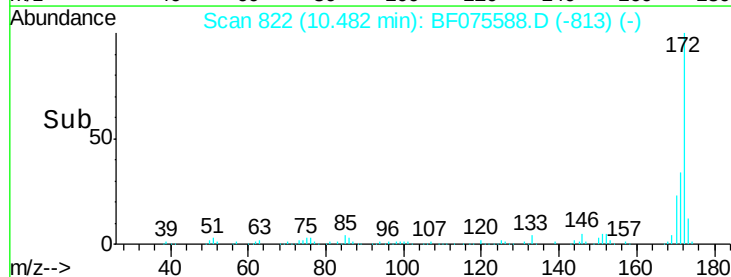
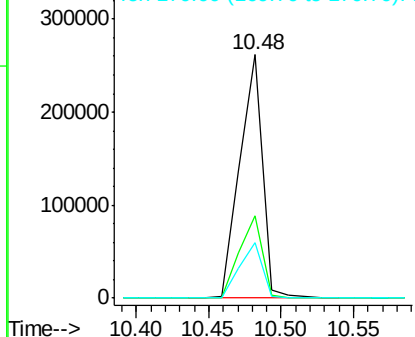


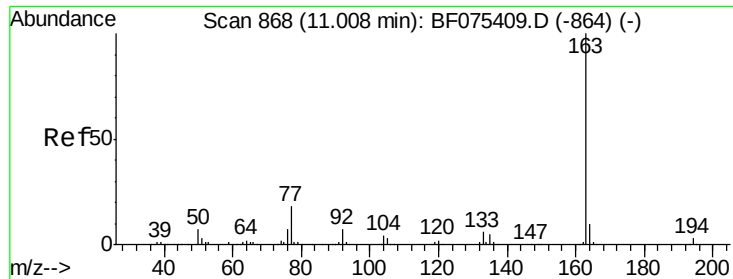
#44
 2-Fluorobiphenyl
 Concen: 71.13 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075588.D
 Acq: 16 Nov 2014 19:16

Tgt Ion:172 Resp: 284419
 Ion Ratio Lower Upper
 172 100
 171 33.7 27.3 40.9
 170 23.0 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

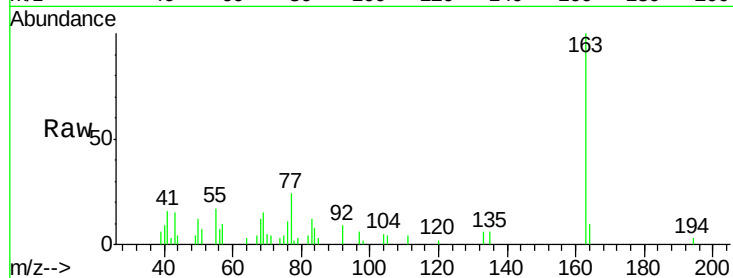




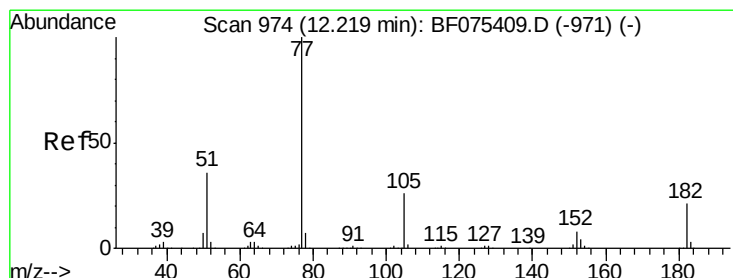
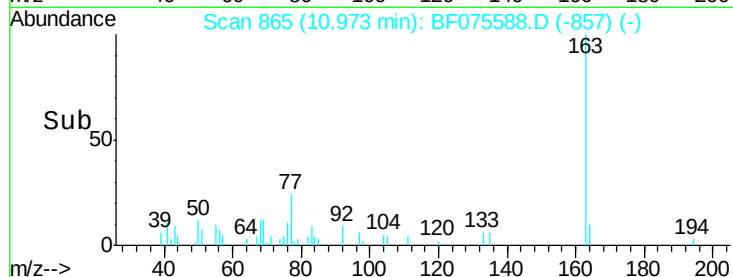
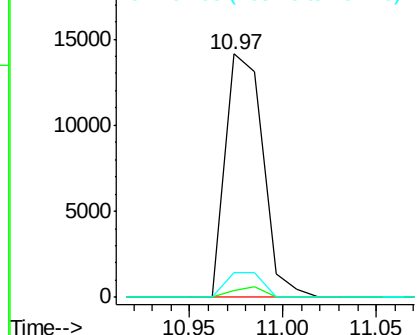
#49
Dimethylphthalate
Concen: 4.03 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF075588.D
Acq: 16 Nov 2014 19:16

Instrument :
BNA_F
ClientSampleId :
1410302371

Tgt Ion: 163 Resp: 19908
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.1 8.0 12.0

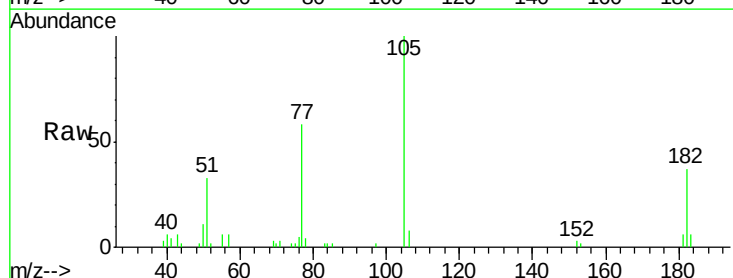


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

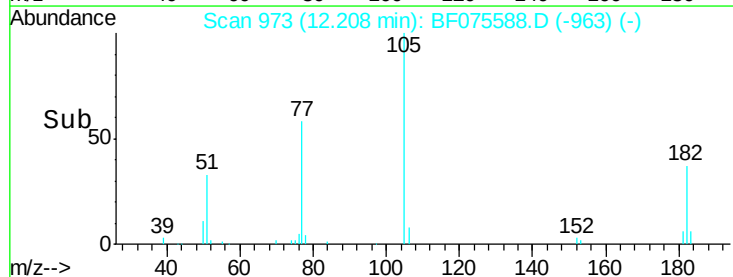
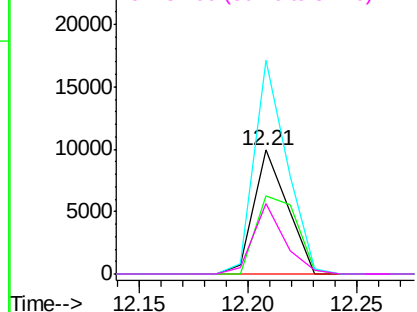


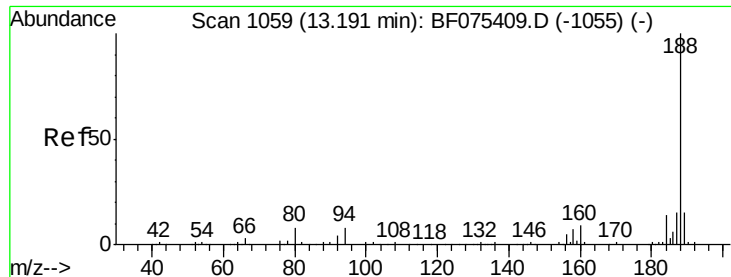
#62
Azobenzene
Concen: 2.37 ng
RT: 12.21 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF075588.D
Acq: 16 Nov 2014 19:16

Tgt Ion: 77 Resp: 10672
Ion Ratio Lower Upper
77 100
182 63.1 0.0 37.1#
105 172.1 3.7 43.7#
51 56.8 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

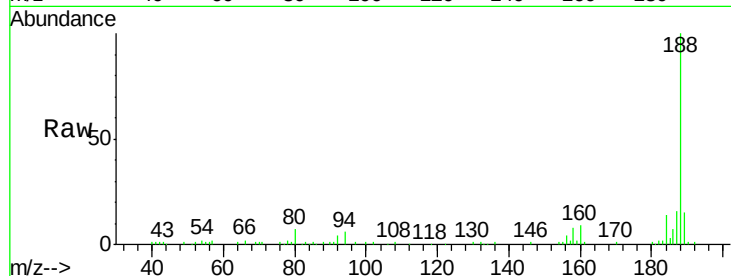




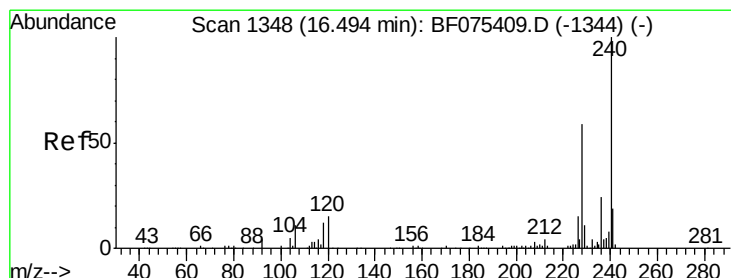
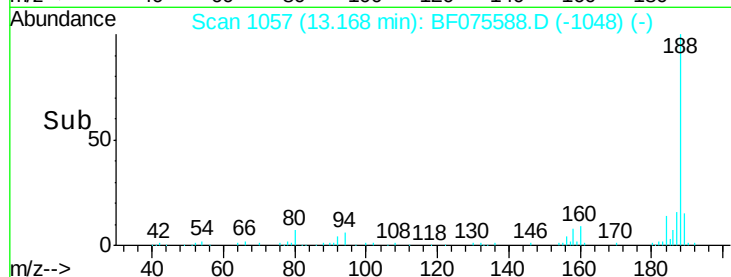
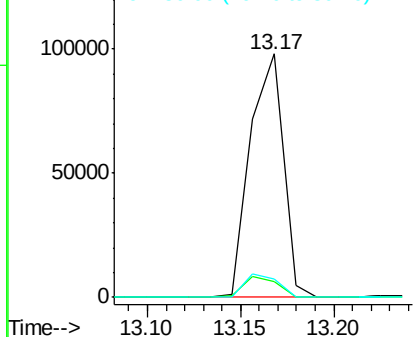
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075588.D
Acq: 16 Nov 2014 19:16

Instrument :
BNA_F
ClientSampleId :
1410302371

Tgt Ion:188 Resp: 121043
Ion Ratio Lower Upper
188 100
94 6.3 7.8 11.6#
80 7.4 8.0 12.0#

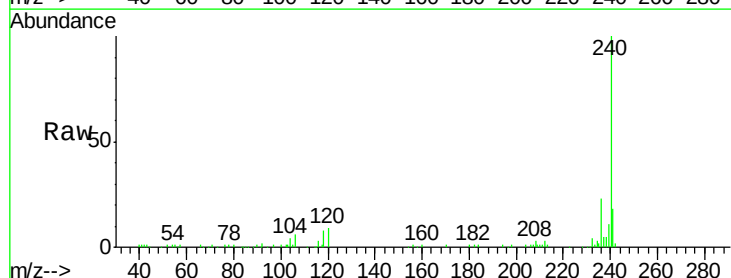


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

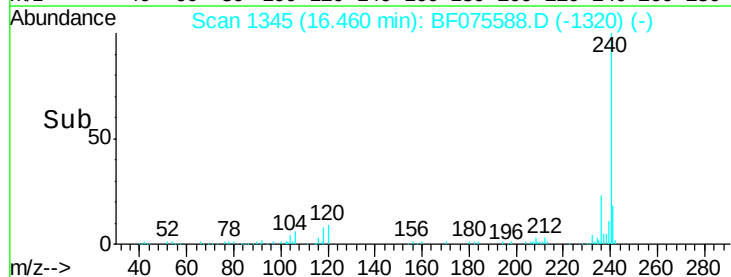
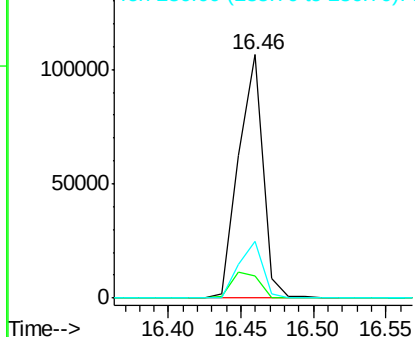


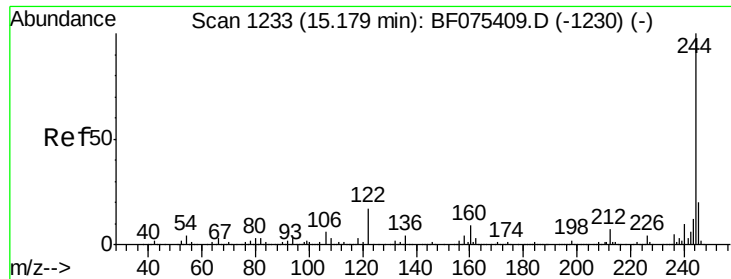
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075588.D
Acq: 16 Nov 2014 19:16

Tgt Ion:240 Resp: 123577
Ion Ratio Lower Upper
240 100
120 9.3 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

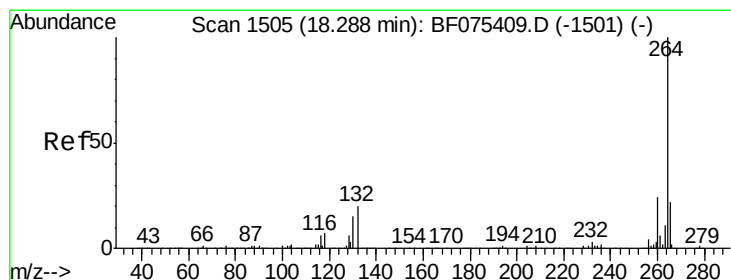
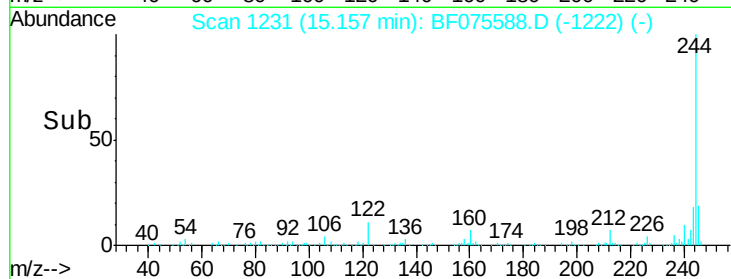
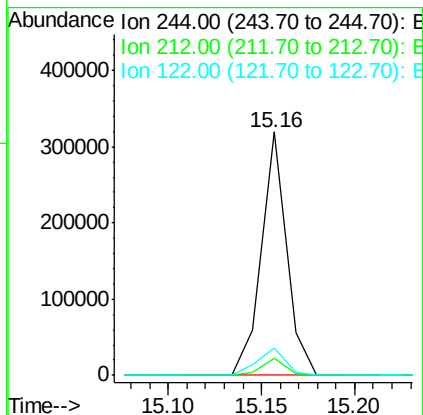
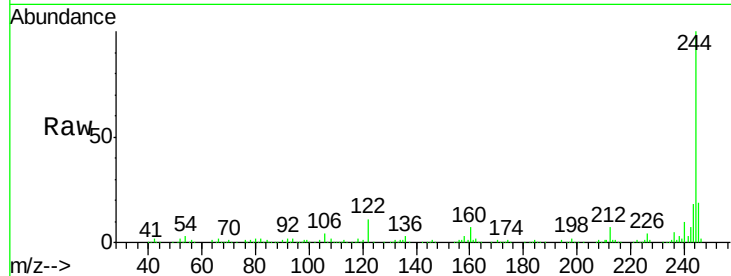




#78
 Terphenyl-d14
 Concen: 65.19 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075588.D
 Acq: 16 Nov 2014 19:16

Instrument :
 BNA_F
 ClientSampleId :
 1410302371

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	11.5	9.7	14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.20 min Scan# 1497
 Delta R.T. -0.05 min
 Lab File: BF075588.D
 Acq: 16 Nov 2014 19:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	20.9	16.3	24.5

