

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075501.D
 Acq On : 14 Nov 2014 18:40
 Operator : TP / JJ
 Sample : F4709-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K-COMP

Quant Time: Nov 14 19:36:07 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	88592	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	389505	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	200091	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	339368	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	379359	20.00	ng	-0.08
86) Perylene-d12	18.22	264	396999	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	400844	79.93	ng	-0.02
7) Phenol-d6	7.09	99	434818	72.10	ng	-0.02
23) Nitrobenzene-d5	8.24	82	313136	58.94	ng	-0.02
41) 2,4,6-Tribromophenol	12.30	330	134240	80.10	ng	-0.02
44) 2-Fluorobiphenyl	10.48	172	627786	56.69	ng	-0.01
78) Terphenyl-d14	15.16	244	714260	50.69	ng	-0.03

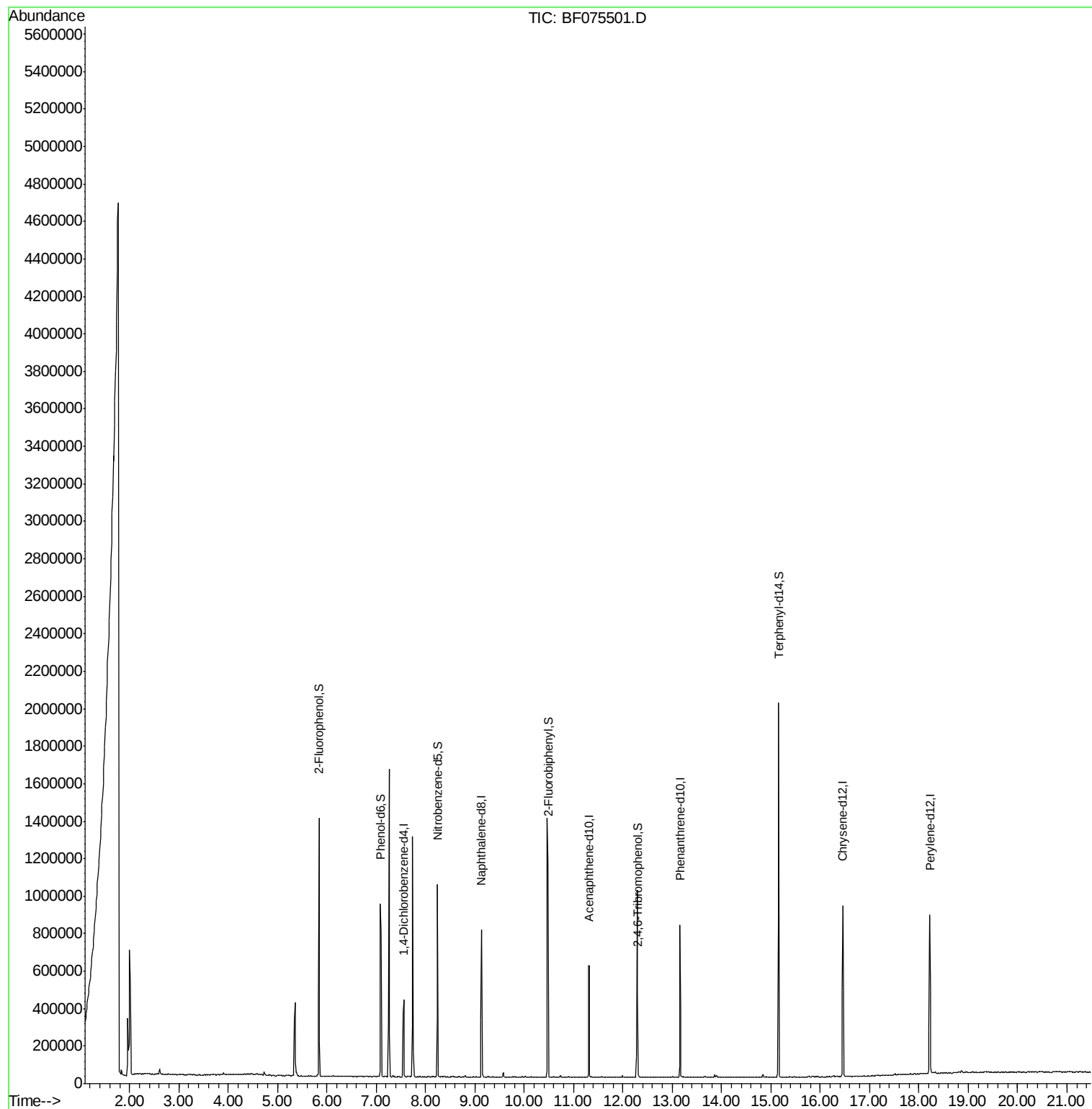
Target Compounds Qvalue

(#) = 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: BF075501.D

Acq: 14 Nov 2014 18:40

Instrument :

BNA_F

ClientSampleId :

K-COMP

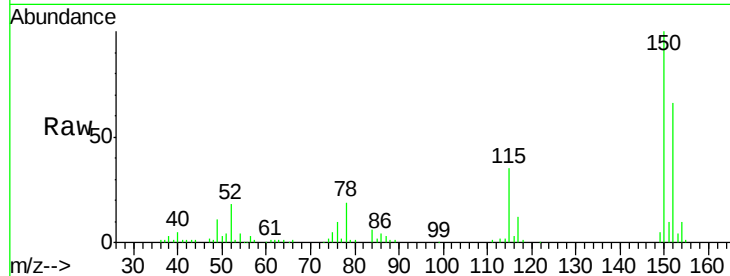
Tot Ion:152 Resp: 88592

Ion Ratio Lower Upper

152 100

150 151.8 127.2 190.8

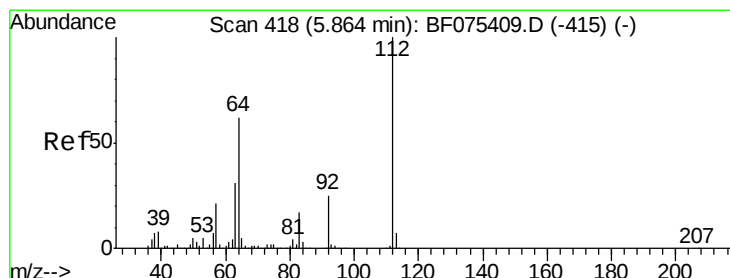
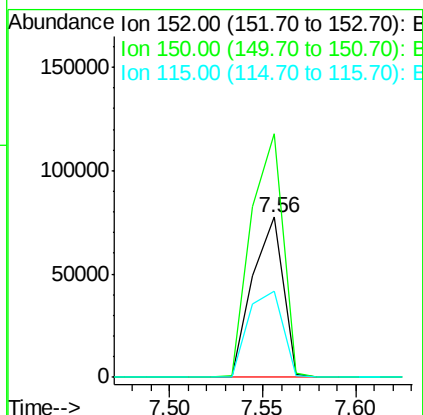
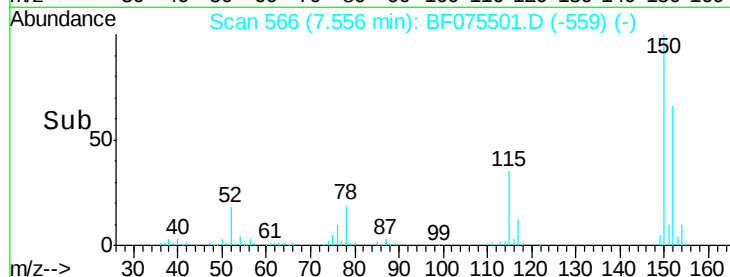
115 53.5 57.1 85.7#



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



#5

2-Fluorophenol

Concen: 79.93 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075501.D

Acq: 14 Nov 2014 18:40

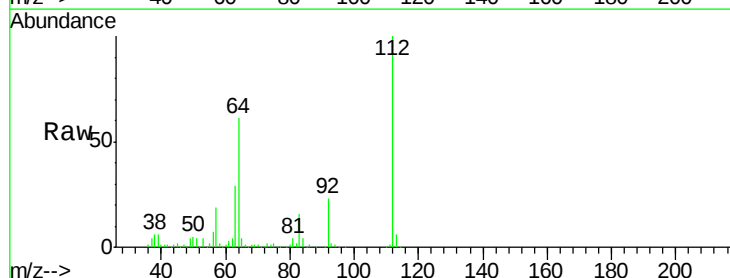
Tgt Ion:112 Resp: 400844

Ion Ratio Lower Upper

112 100

64 60.9 45.8 68.6

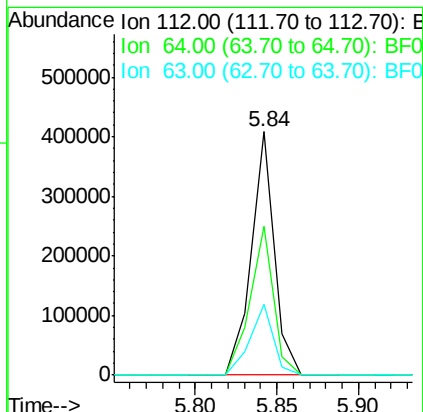
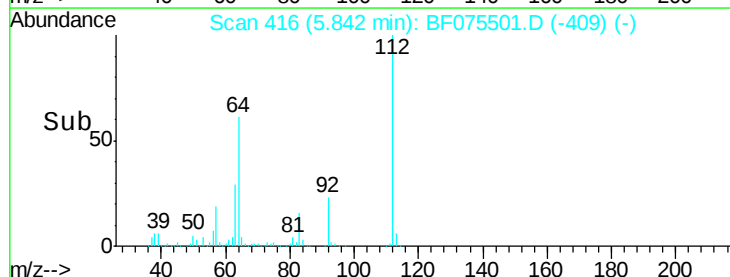
63 29.0 22.7 34.1



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: 72.10 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075501.D

Acq: 14 Nov 2014 18:40

Instrument :

BNA_F

ClientSampleId :

K-COMP

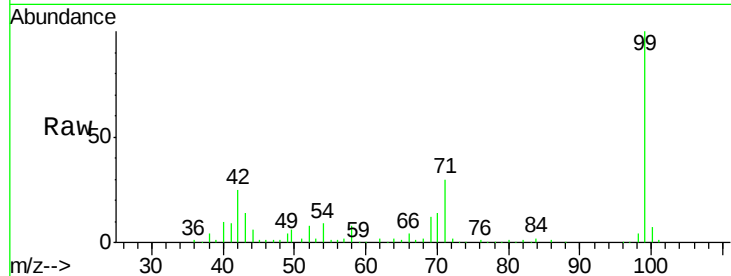
Tot Ion: 99 Resp: 434818

Ion Ratio Lower Upper

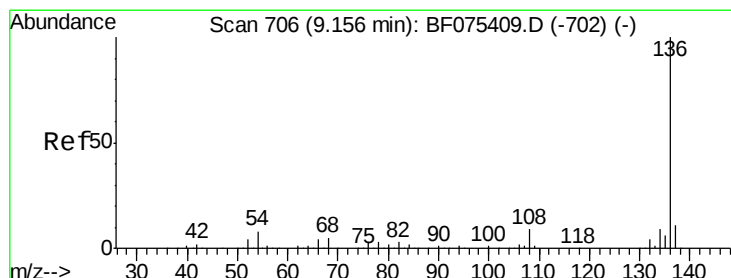
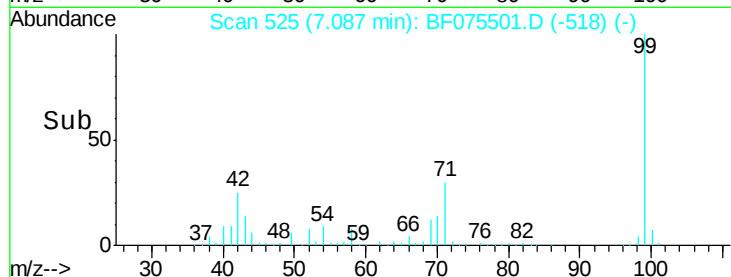
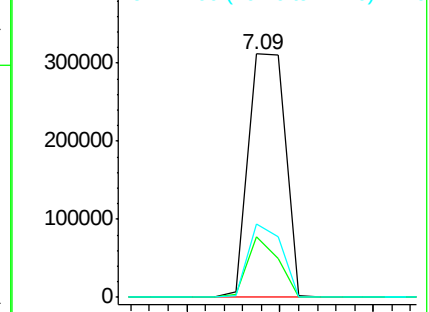
99 100

42 25.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF075501.D

Acq: 14 Nov 2014 18:40

Tgt Ion: 136 Resp: 389505

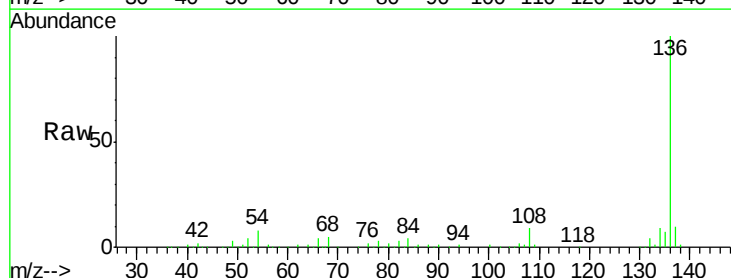
Ion Ratio Lower Upper

136 100

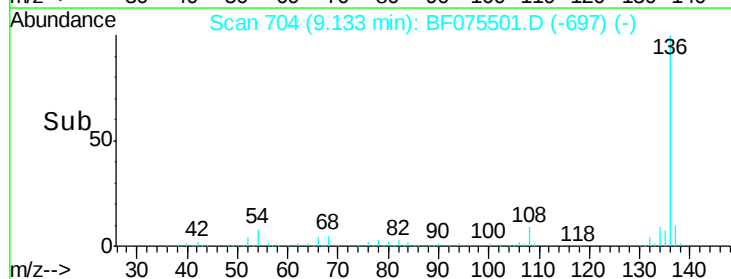
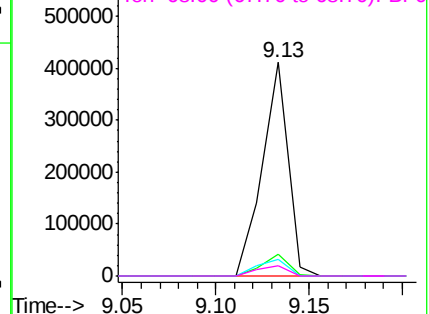
137 10.3 8.2 12.4

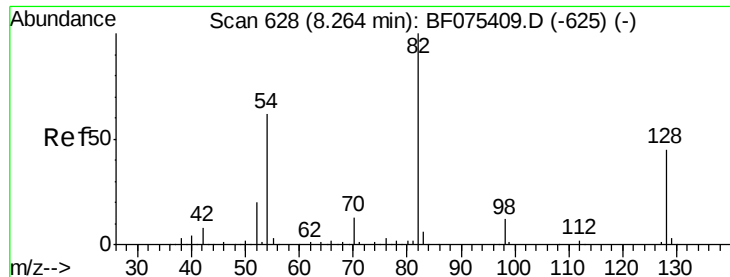
54 7.6 6.2 9.4

68 5.0 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

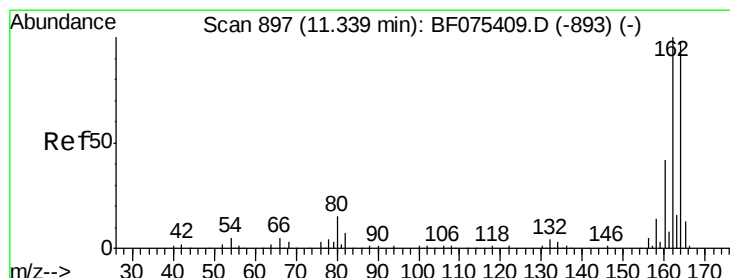
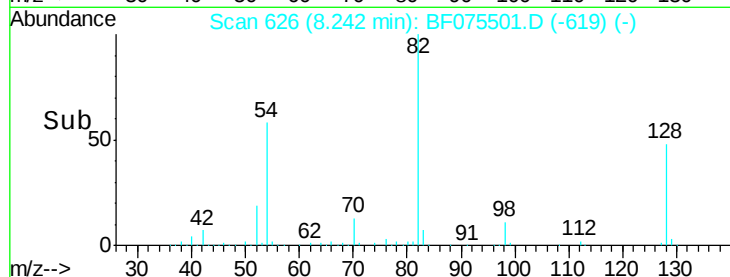
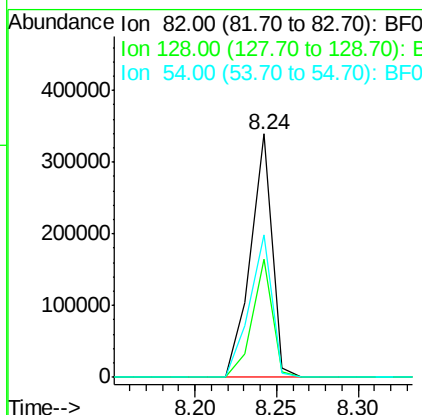
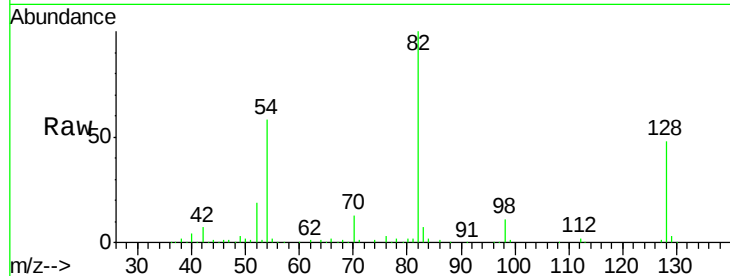




#23
Nitrobenzene-d5
Concen: 58.94 ng
RT: 8.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF075501.D
Acq: 14 Nov 2014 18:40

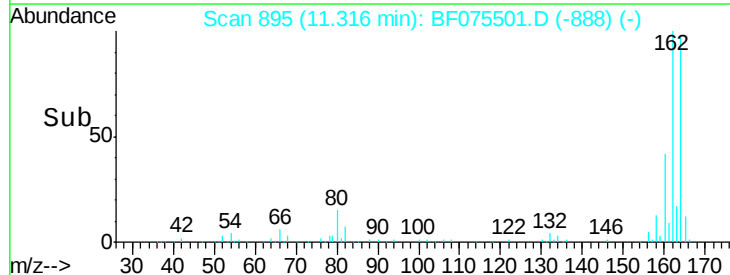
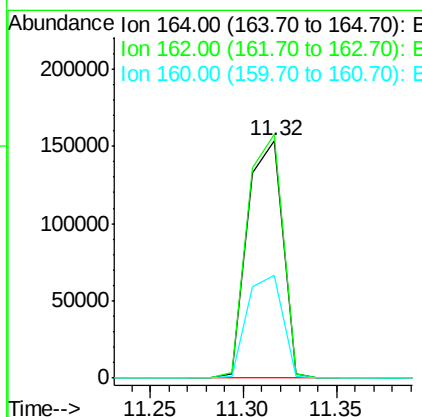
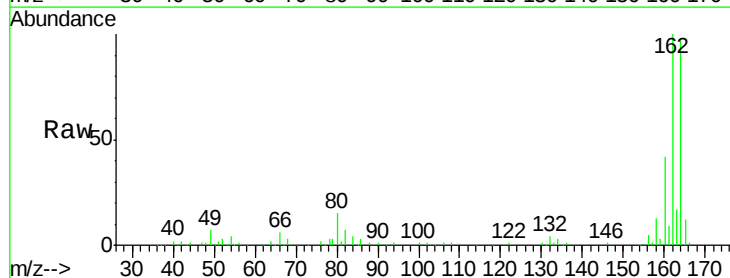
Instrument :
BNA_F
ClientSampleId :
K-COMP

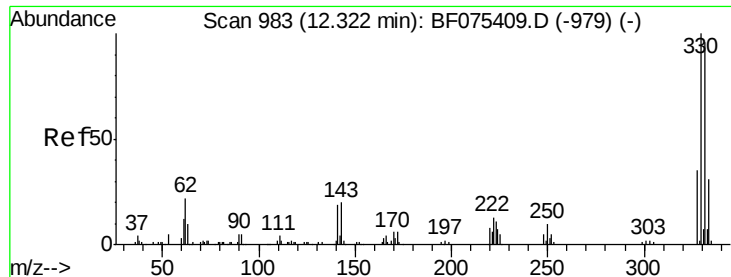
Tot Ion	82	Resp	313136
Ion Ratio	100	Lower	Upper
128	48.3	37.8	56.6
54	58.5	49.8	74.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075501.D
Acq: 14 Nov 2014 18:40

Tgt Ion	164	Resp	200091
Ion Ratio	100	Lower	Upper
162	102.6	79.1	118.7
160	43.2	34.6	51.8

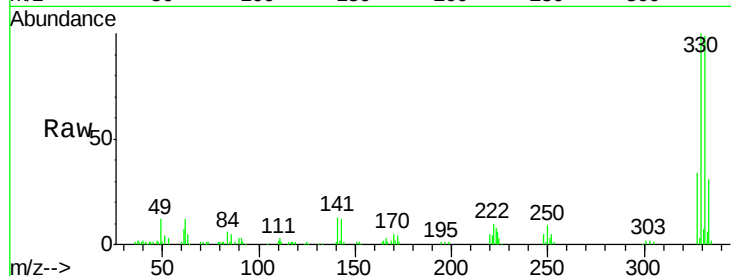




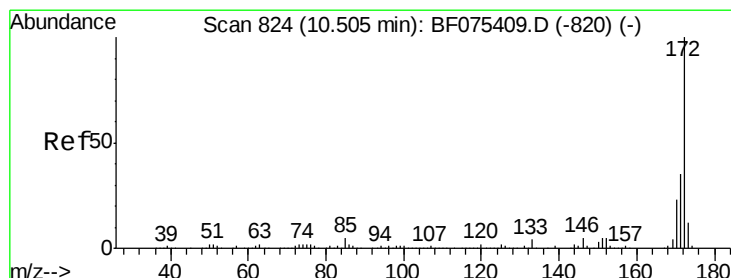
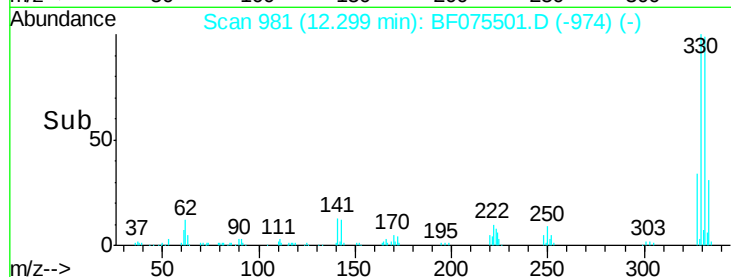
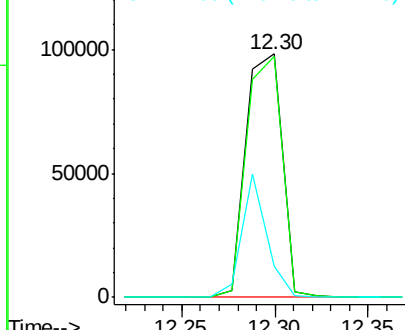
#41
 2,4,6-Tribromophenol
 Concen: 80.10 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF075501.D
 Acq: 14 Nov 2014 18:40

Instrument :
 BNA_F
 ClientSampled :
 K-COMP

Tot Ion:330 Resp: 134240
 Ion Ratio Lower Upper
 330 100
 332 97.3 74.5 111.7
 141 35.1 30.7 46.1

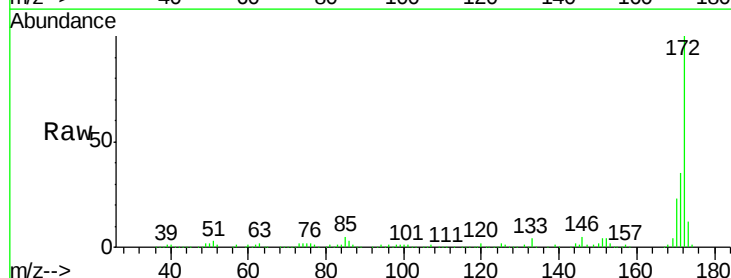


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

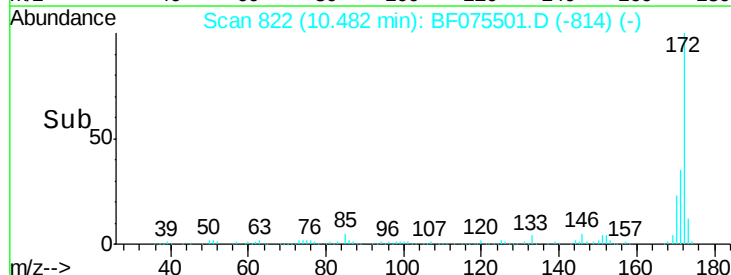
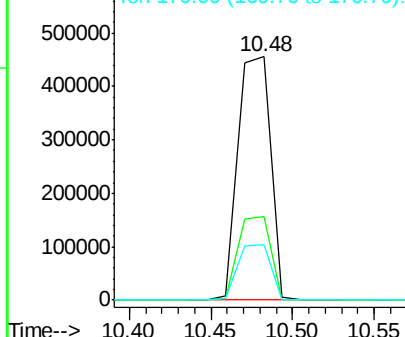


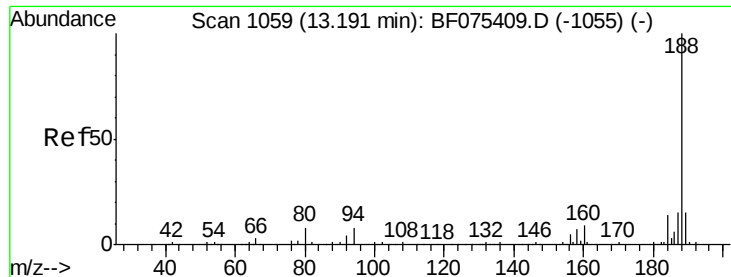
#44
 2-Fluorobiphenyl
 Concen: 56.69 ng
 RT: 10.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF075501.D
 Acq: 14 Nov 2014 18:40

Tgt Ion:172 Resp: 627786
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.3 40.9
 170 22.8 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: BF075501.D

Acq: 14 Nov 2014 18:40

Instrument :

BNA_F

ClientSampleId :

K-COMP

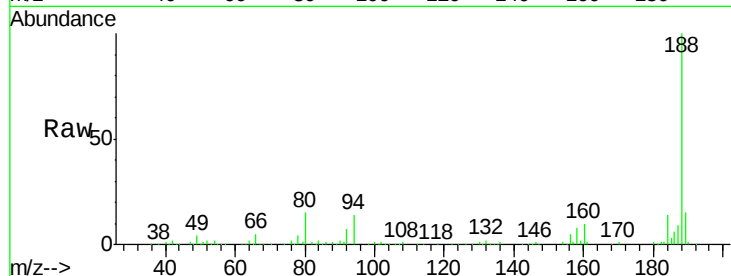
Tot Ion:188 Resp: 339368

Ion Ratio Lower Upper

188 100

94 13.8 7.8 11.6#

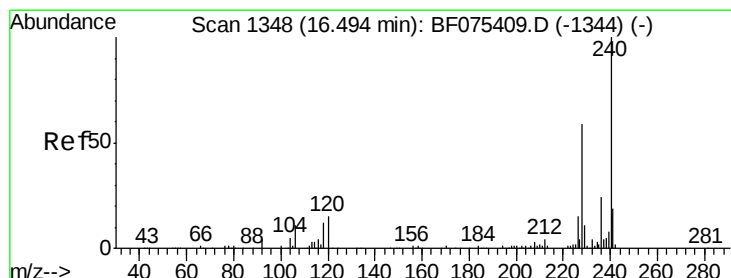
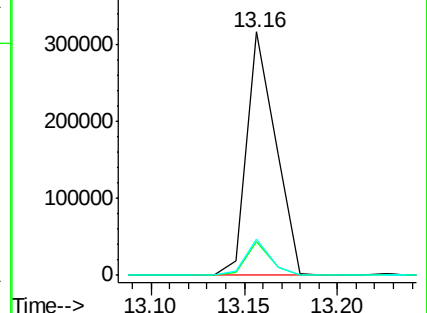
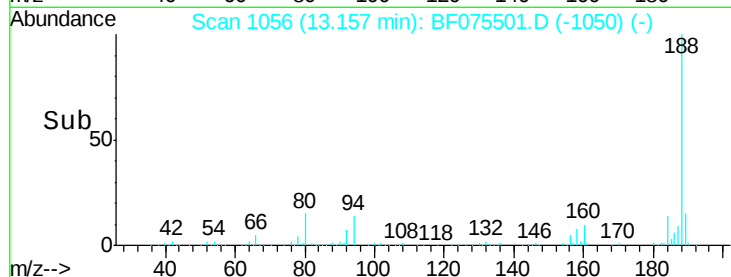
80 14.9 8.0 12.0#



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: BF075501.D

Acq: 14 Nov 2014 18:40

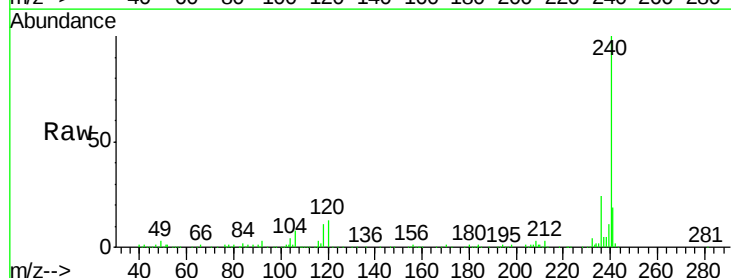
Tgt Ion:240 Resp: 379359

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

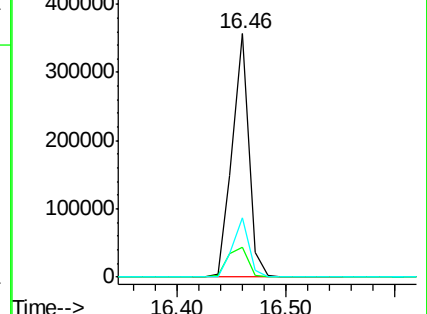
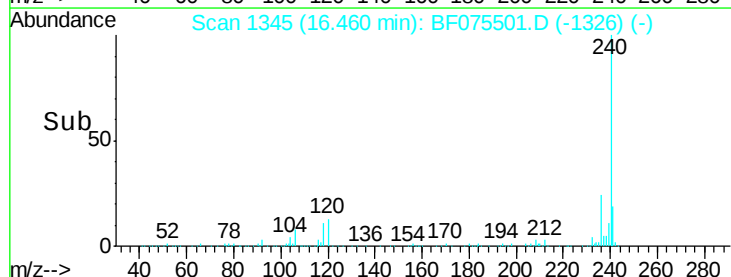
236 24.4 18.9 28.3

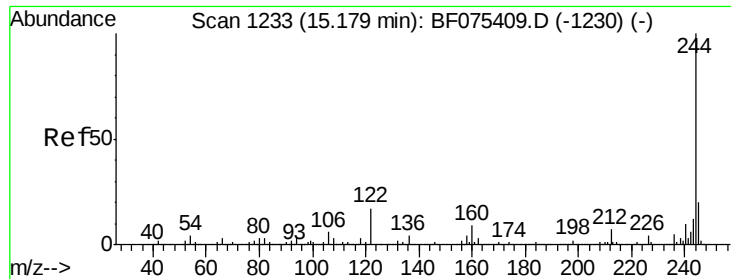


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

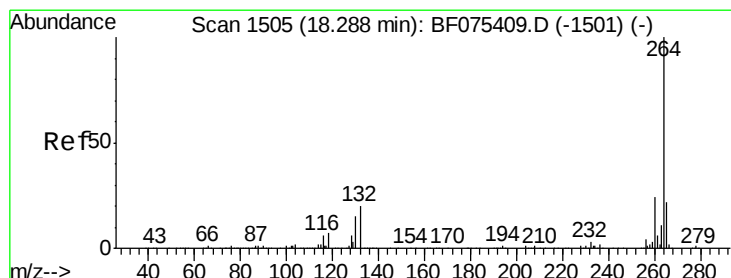
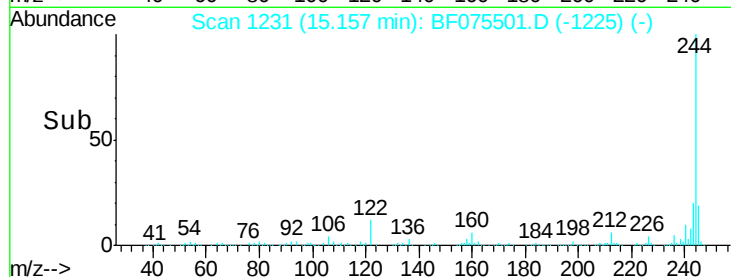
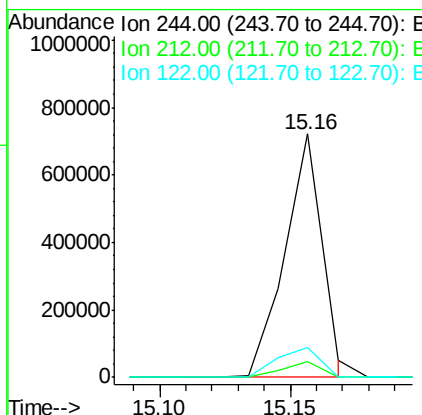
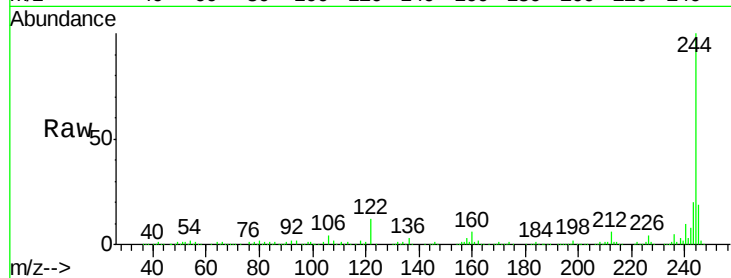




#78
 Terphenyl-d14
 Concen: 50.69 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075501.D
 Acq: 14 Nov 2014 18:40

Instrument :
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Tot Ion:244 Resp: 714260
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.5 8.3
 122 12.2 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.22 min Scan# 1499
 Delta R.T. -0.22 min
 Lab File: BF075501.D
 Acq: 14 Nov 2014 18:40

Tgt Ion:264 Resp: 396999
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.9 26.9
 265 21.2 16.3 24.5

