

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075713.D
 Acq On : 20 Nov 2014 17:01
 Operator : TP / JJ
 Sample : PB80443BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:10:07 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

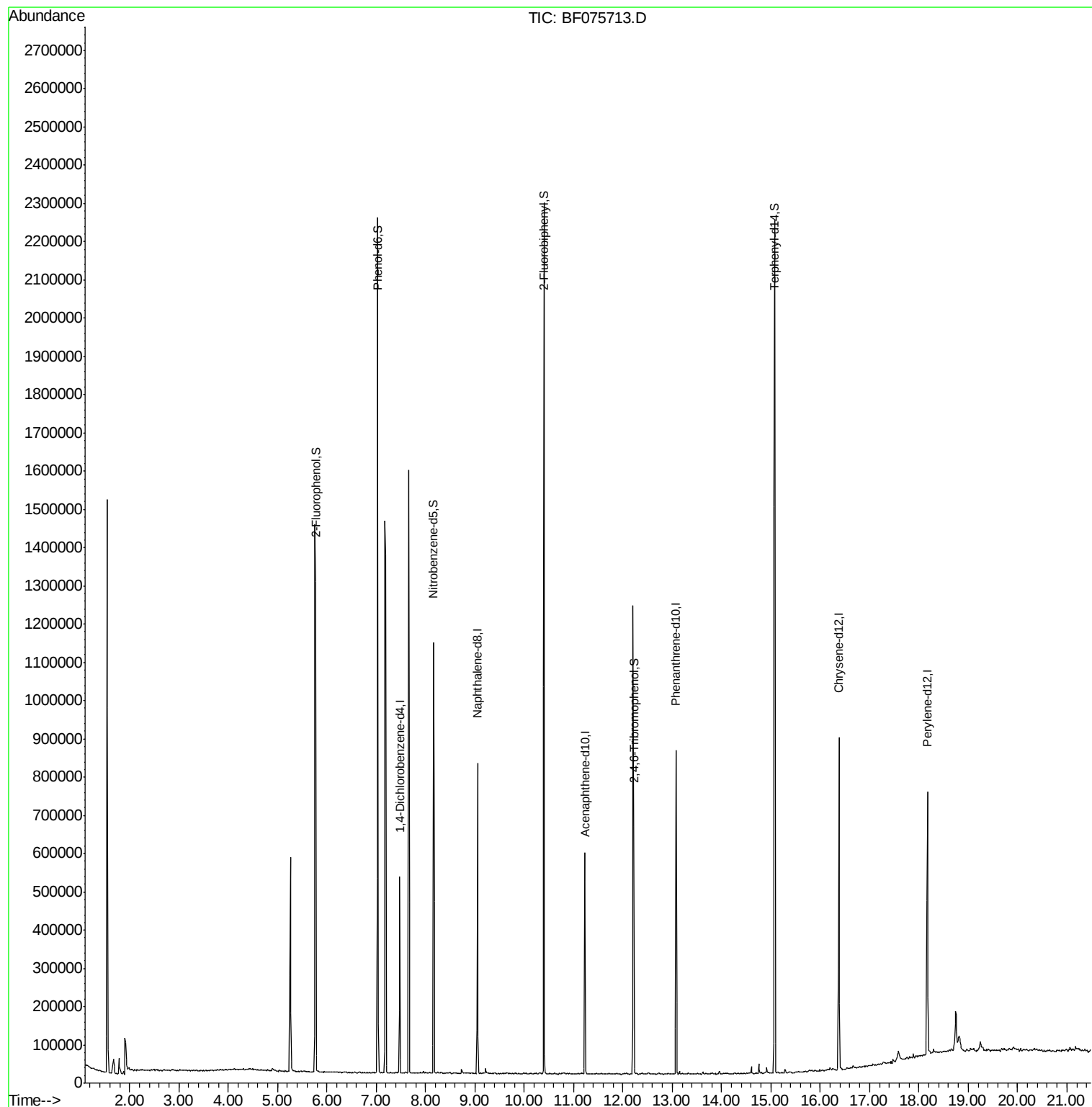
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	81432	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	356371	20.00	ng	-0.01
38) Acenaphthene-d10	11.24	164	180141	20.00	ng	-0.01
63) Phenanthrene-d10	13.08	188	308527	20.00	ng	-0.01
75) Chrysene-d12	16.38	240	330580	20.00	ng	-0.01
86) Perylene-d12	18.17	264	310501	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	586350	111.87	ng	-0.01
7) Phenol-d6	7.03	99	718264	112.68	ng	-0.01
23) Nitrobenzene-d5	8.16	82	375427	64.66	ng	-0.01
41) 2,4,6-Tribromophenol	12.22	330	174129	118.56	ng	-0.01
44) 2-Fluorobiphenyl	10.40	172	813972	70.74	ng	-0.01
78) Terphenyl-d14	15.08	244	912515	69.04	ng	-0.01
Target Compounds						
76) Benzidine	14.76	184	12751	Below Cal		Qvalue 95

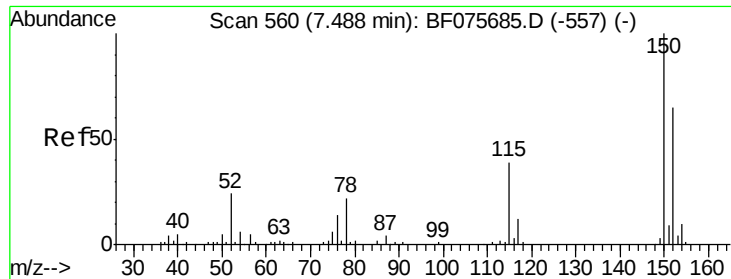
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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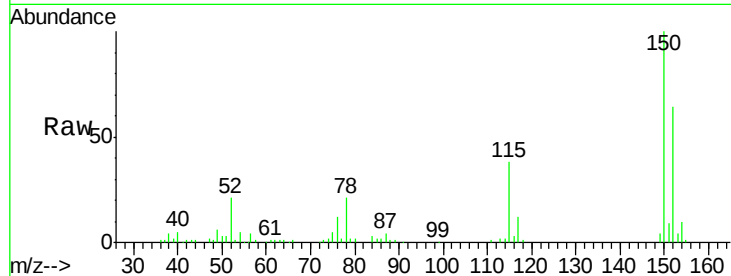


#1

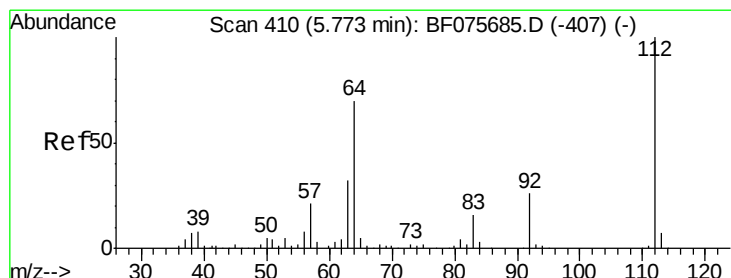
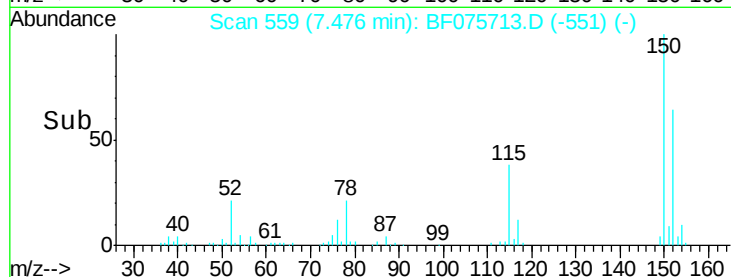
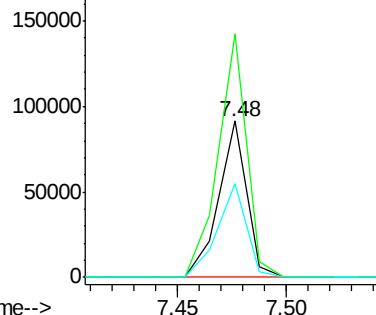
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF075713.D
Acq: 20 Nov 2014 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81432
Ion Ratio Lower Upper
152 100
150 155.6 127.2 190.8
115 59.8 57.1 85.7



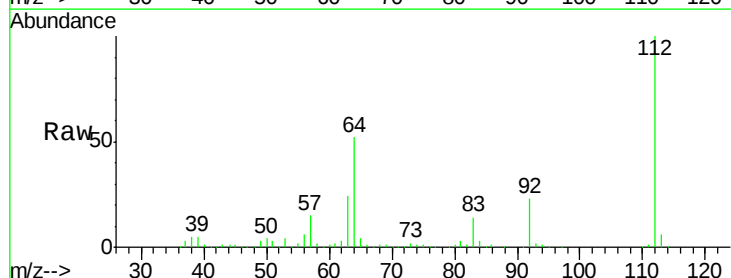
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



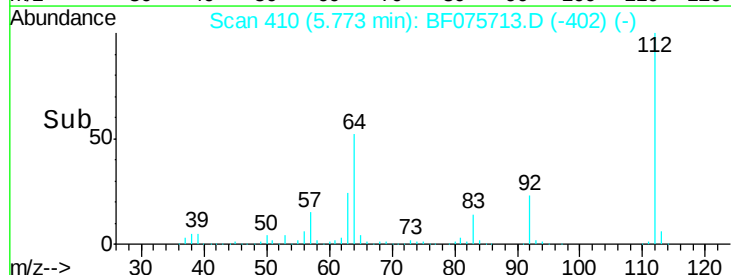
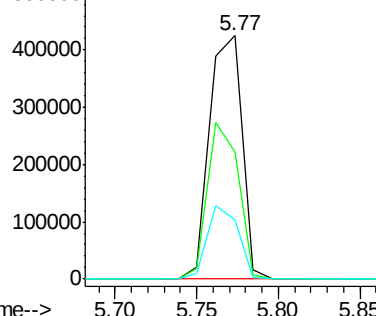
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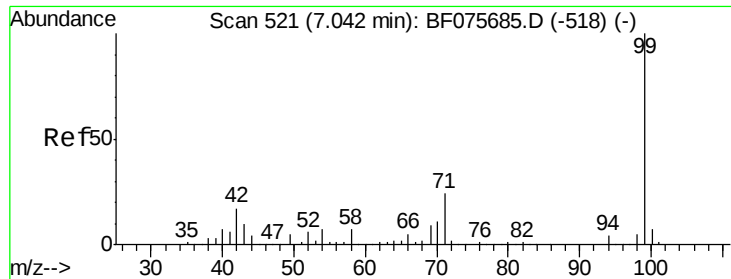
2-Fluorophenol
Concen: 111.87 ng
RT: 5.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF075713.D
Acq: 20 Nov 2014 17:01

Tgt Ion:112 Resp: 586350
Ion Ratio Lower Upper
112 100
64 52.4 45.8 68.6
63 24.4 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: 112.68 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075713.D

Acq: 20 Nov 2014 17:01

Instrument :

BNA_F

ClientSampleId :

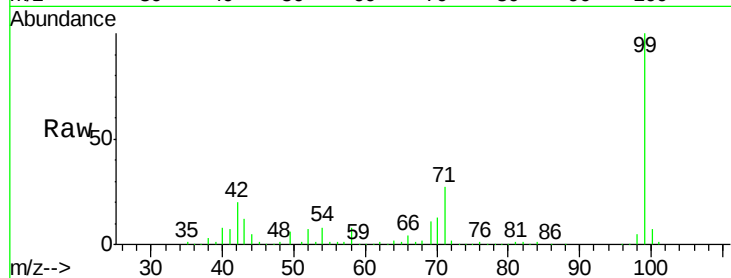
Tot Ion: 99 Resp: 718264

Ion Ratio Lower Upper

99 100

42 20.2 19.8 29.6

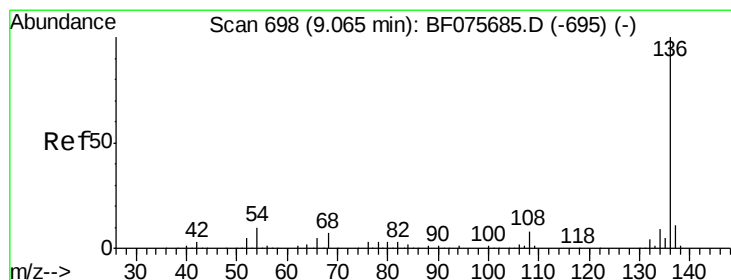
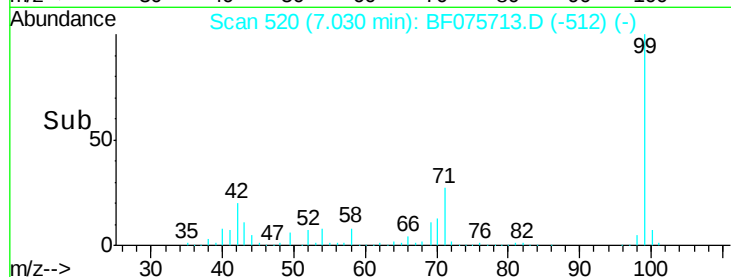
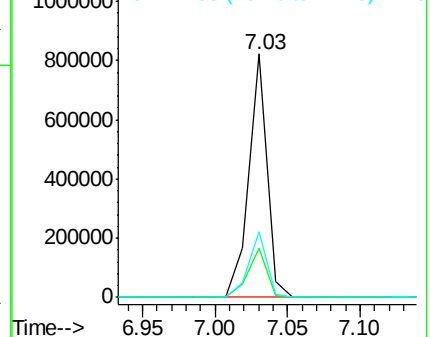
71 27.2 25.5 38.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075713.D

Acq: 20 Nov 2014 17:01

Tgt Ion: 136 Resp: 356371

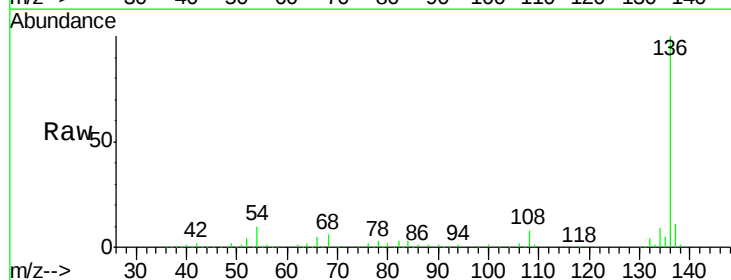
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 9.8 6.2 9.4#

68 6.1 3.4 5.2#

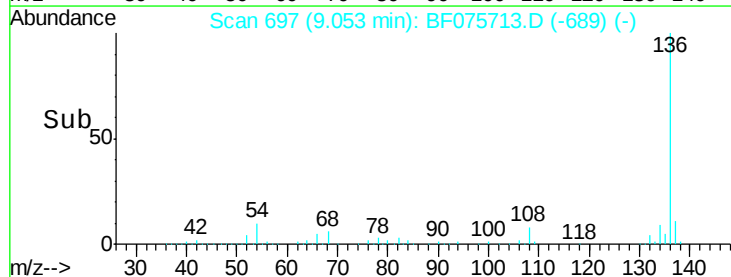
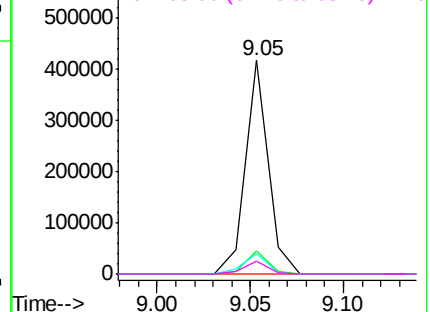


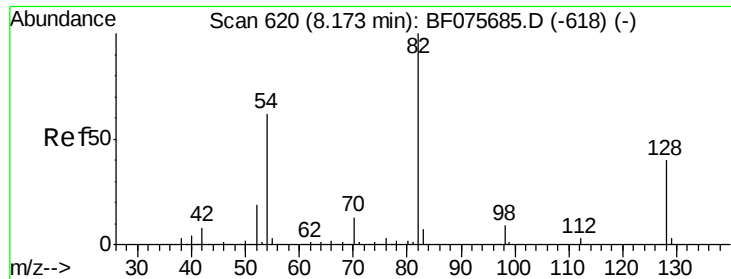
Abundance Ion 136.00 (135.70 to 136.70): E

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

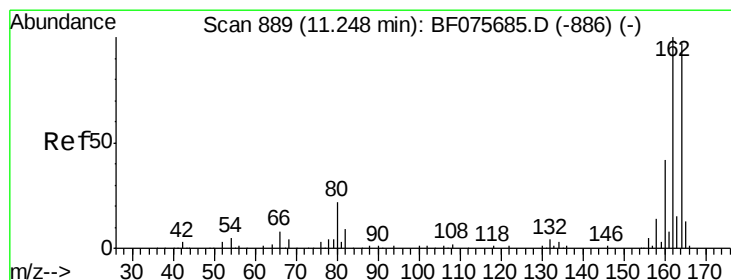
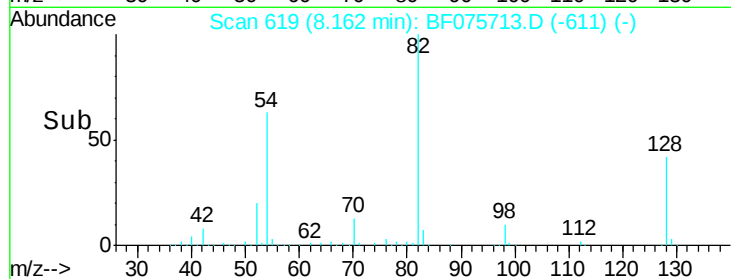
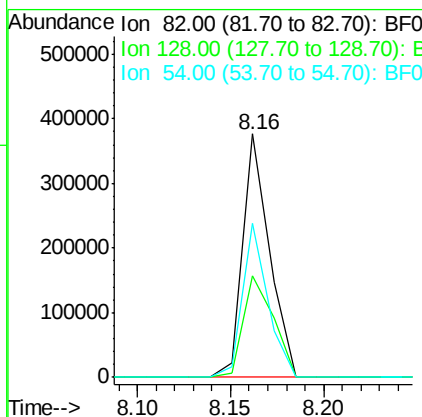
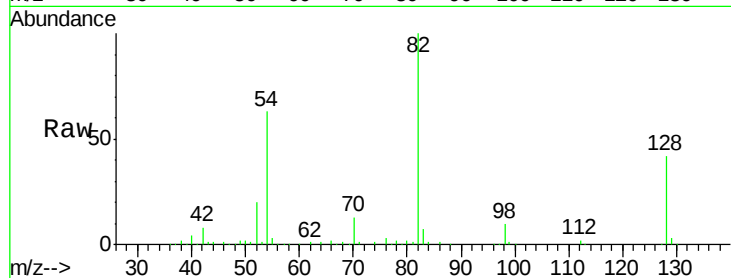




#23
 Nitrobenzene-d5
 Concen: 64.66 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075713.D
 Acq: 20 Nov 2014 17:01

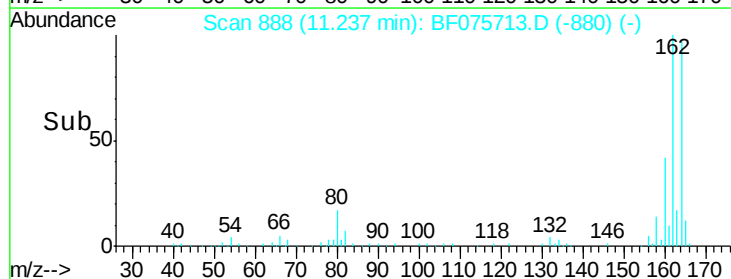
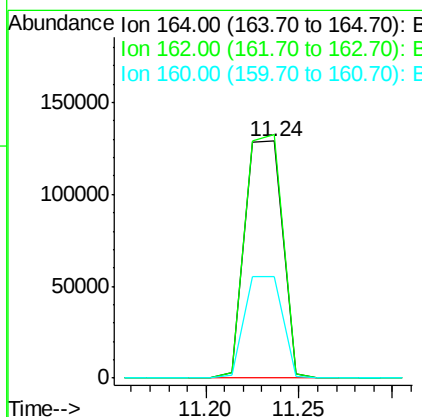
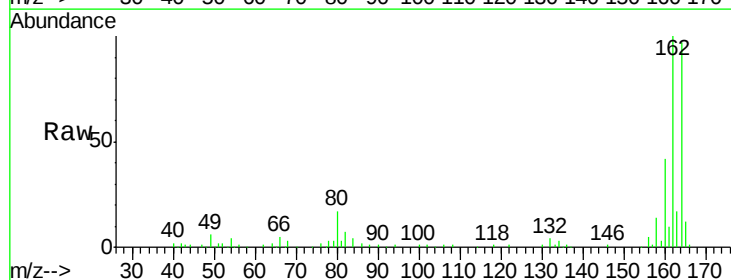
Instrument :
 BNA_F
 ClientSampled :

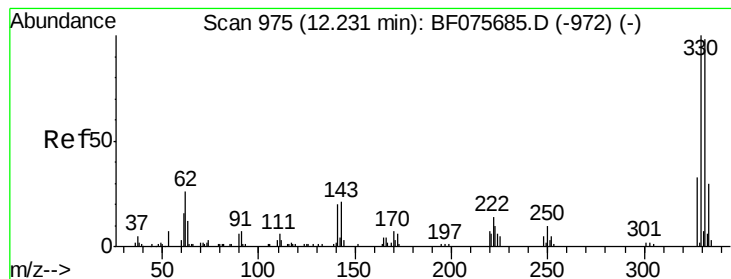
Tot Ion	82	Resp	375427
Ion Ratio	100	Lower	Upper
128	41.5	37.8	56.6
54	63.2	49.8	74.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF075713.D
 Acq: 20 Nov 2014 17:01

Tgt Ion	164	Resp	180141
Ion Ratio	100	Lower	Upper
162	102.7	79.1	118.7
160	42.7	34.6	51.8

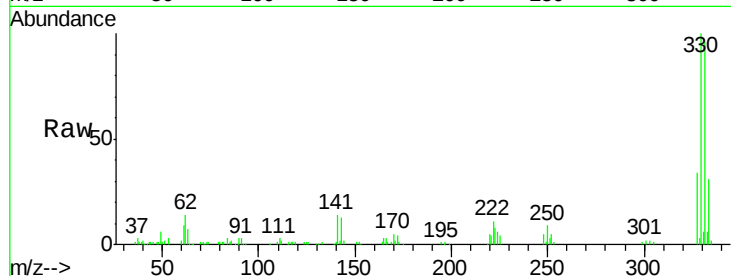




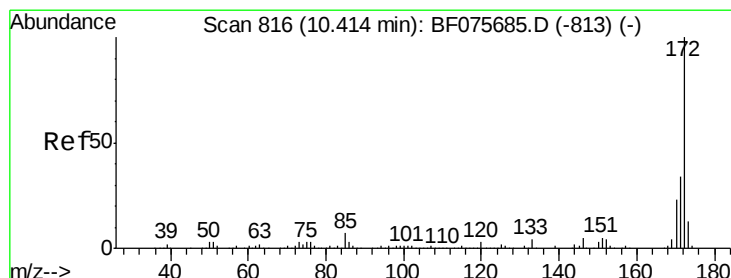
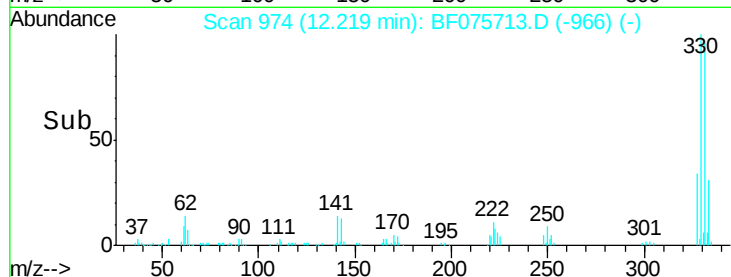
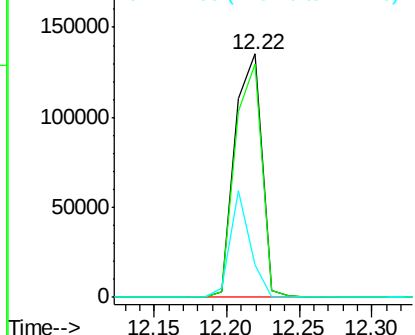
#41
 2,4,6-Tribromophenol
 Concen: 118.56 ng
 RT: 12.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF075713.D
 Acq: 20 Nov 2014 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 174129
 Ion Ratio Lower Upper
 330 100
 332 95.0 74.5 111.7
 141 33.0 30.7 46.1

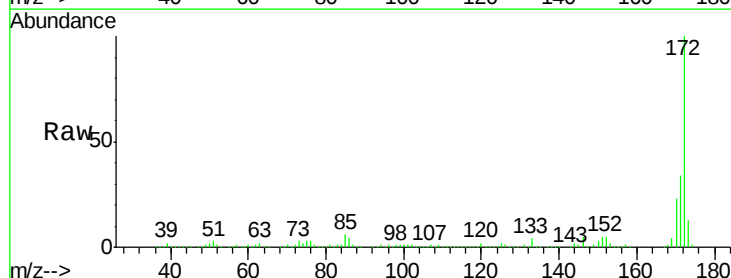


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

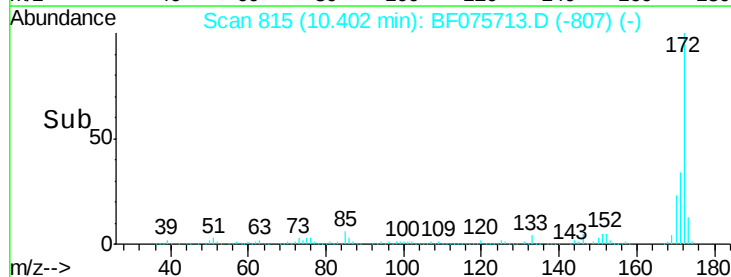
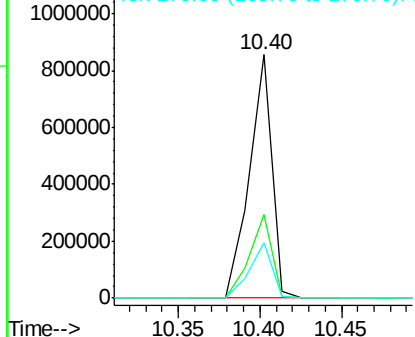


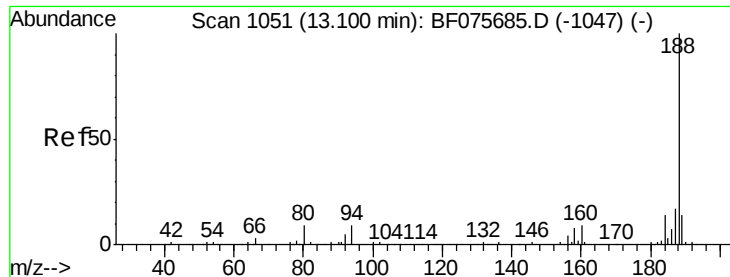
#44
 2-Fluorobiphenyl
 Concen: 70.74 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075713.D
 Acq: 20 Nov 2014 17:01

Tgt Ion:172 Resp: 813972
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.3 40.9
 170 22.5 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: 13.08 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF075713.D

Acq: 20 Nov 2014 17:01

Instrument :

BNA_F

ClientSampleId :

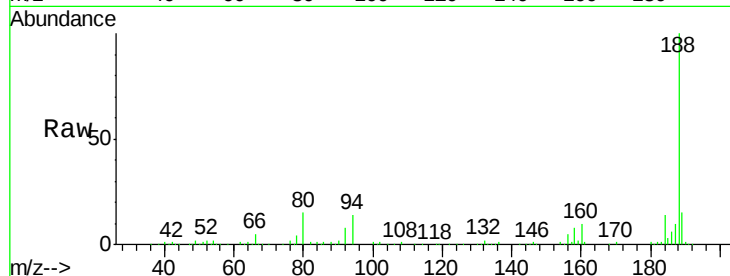
Tot Ion:188 Resp: 308527

Ion Ratio Lower Upper

188 100

94 13.7 7.8 11.6#

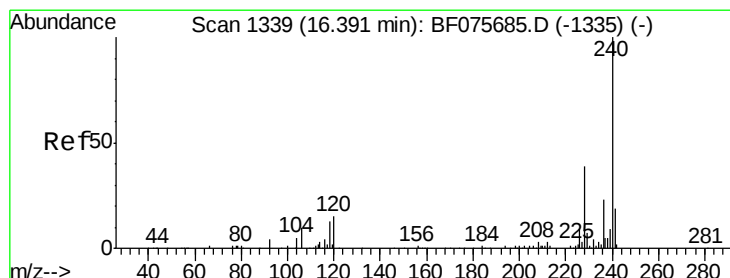
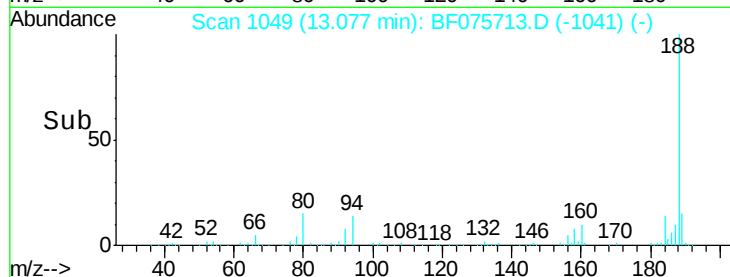
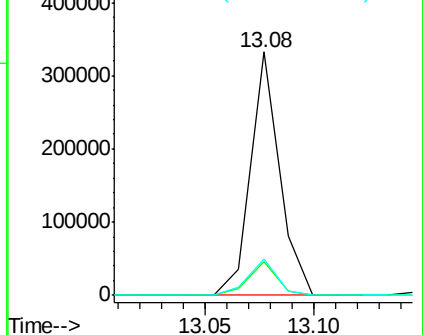
80 14.6 8.0 12.0#



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: 16.38 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF075713.D

Acq: 20 Nov 2014 17:01

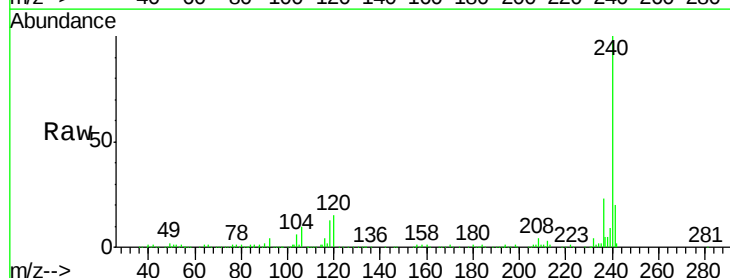
Tgt Ion:240 Resp: 330580

Ion Ratio Lower Upper

240 100

120 15.0 9.6 14.4#

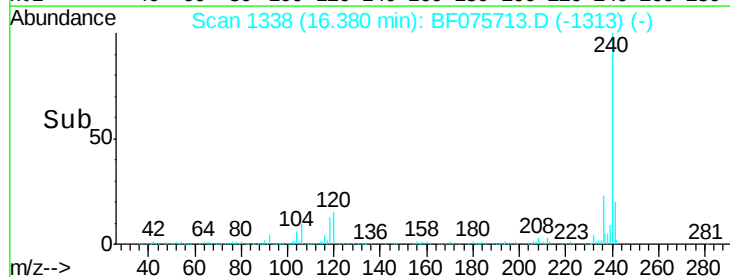
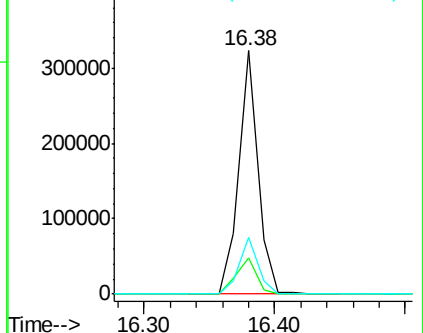
236 23.3 18.9 28.3

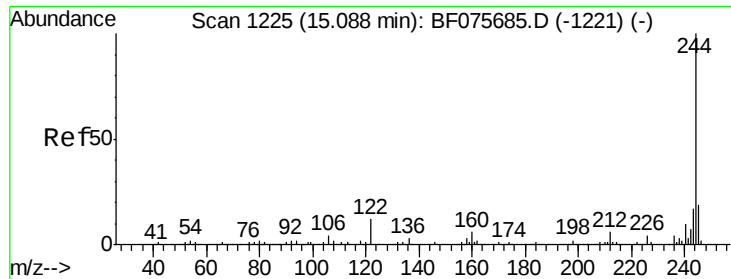


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

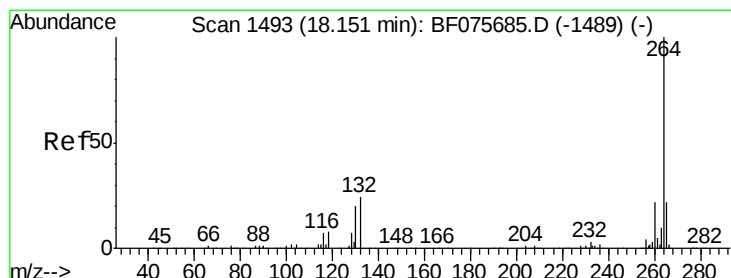
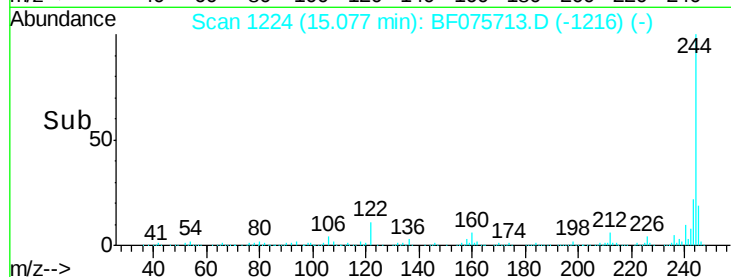
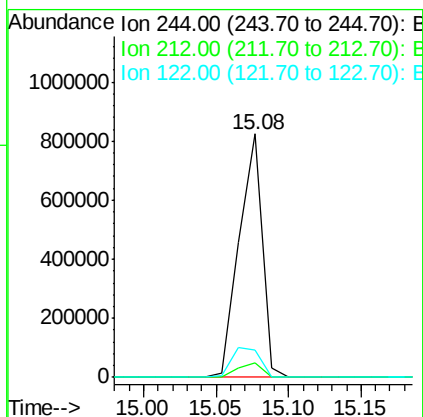
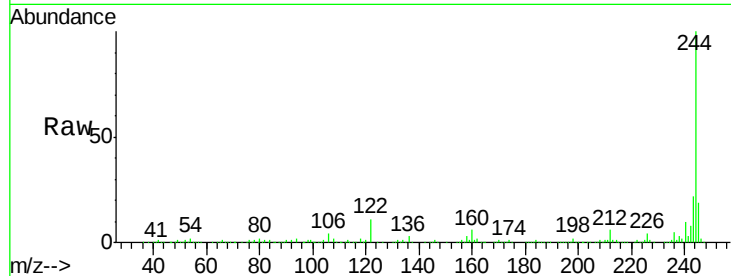




#78
 Terphenyl-d14
 Concen: 69.04 ng
 RT: 15.08 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF075713.D
 Acq: 20 Nov 2014 17:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 912515
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.5 8.3
 122 11.1 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.17 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF075713.D
 Acq: 20 Nov 2014 17:01

Tgt Ion:264 Resp: 310501
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.9 26.9
 265 21.6 16.3 24.5

