

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075714.D
 Acq On : 20 Nov 2014 17:30
 Operator : TP / JJ
 Sample : F4761-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:10:30 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

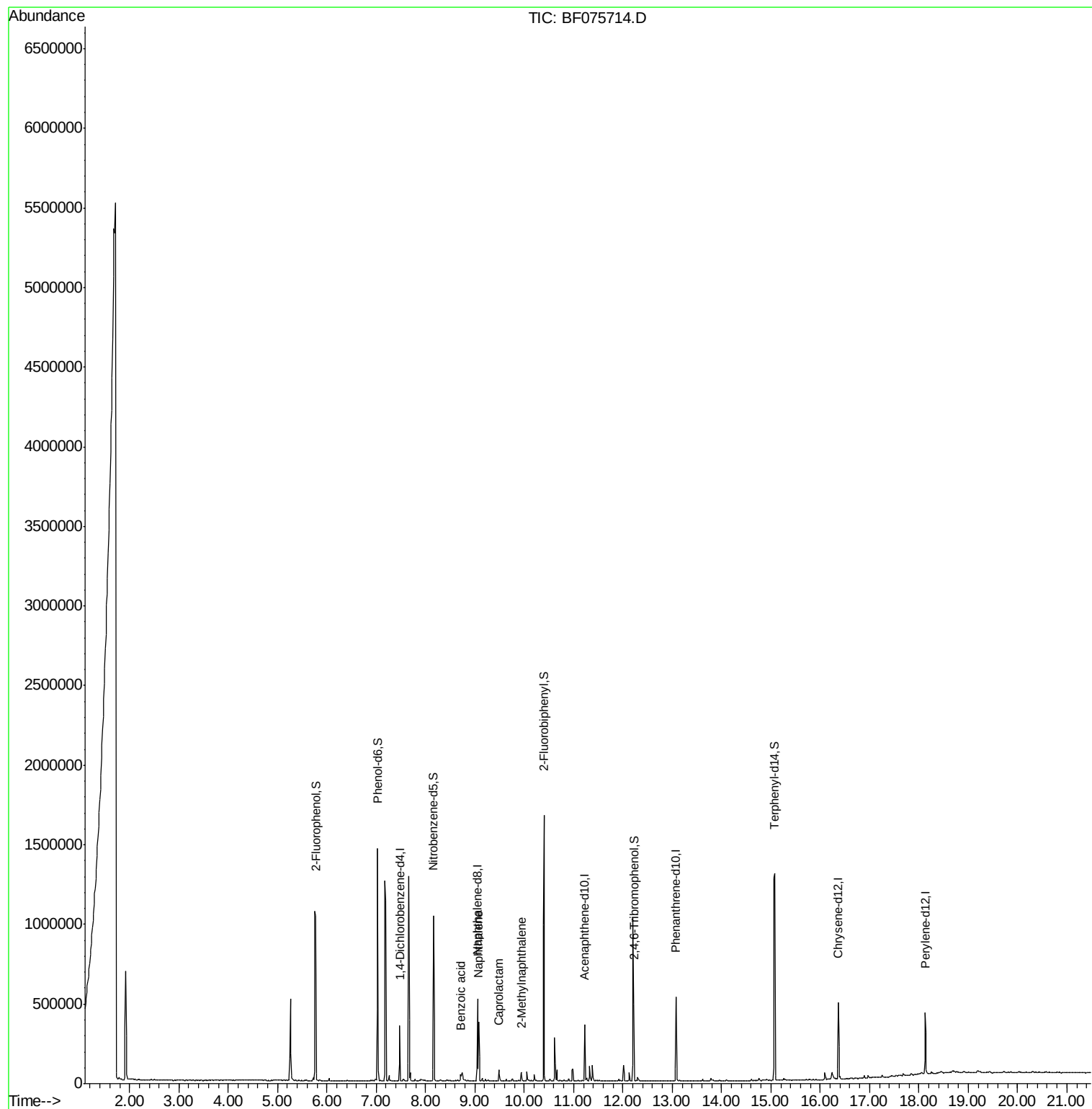
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	55641	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	227773	20.00	ng	-0.01
38) Acenaphthene-d10	11.23	164	110501	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	189176	20.00	ng	-0.01
75) Chrysene-d12	16.37	240	190494	20.00	ng	-0.02
86) Perylene-d12	18.13	264	186552	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	448287	125.17	ng	-0.01
7) Phenol-d6	7.03	99	504756	115.89	ng	-0.01
23) Nitrobenzene-d5	8.16	82	340055	91.64	ng	-0.01
41) 2,4,6-Tribromophenol	12.22	330	135353	150.24	ng	-0.01
44) 2-Fluorobiphenyl	10.40	172	648652	91.90	ng	-0.01
78) Terphenyl-d14	15.08	244	633773	83.22	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	9.08	128	183004	15.74	ng	99
32) Benzoic acid	8.71	122	12943	6.49	ng	93
35) Caprolactam	9.49	113	3774	3.65	ng	# 1
37) 2-Methylnaphthalene	9.94	142	22563	2.91	ng	# 96
76) Benzidine	14.76	184	7372	Below Cal		# 95

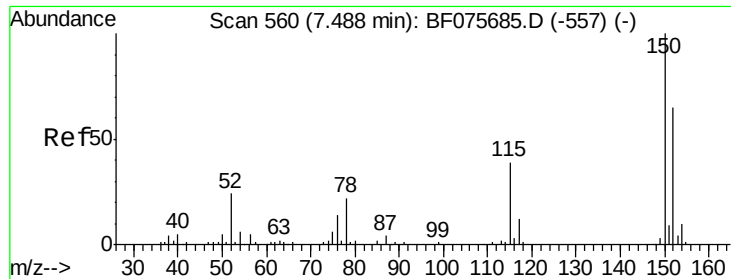
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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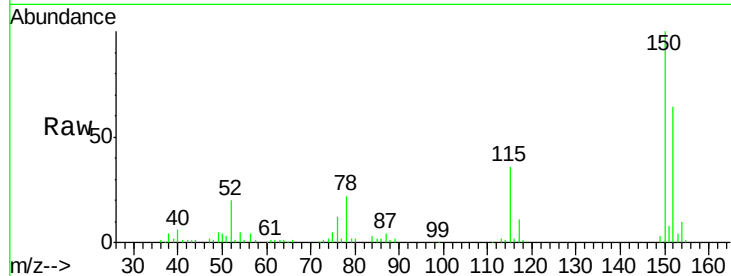


#1

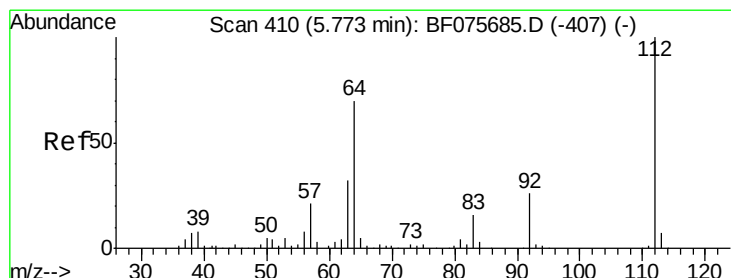
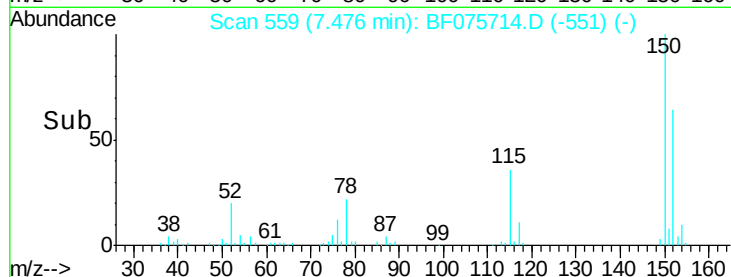
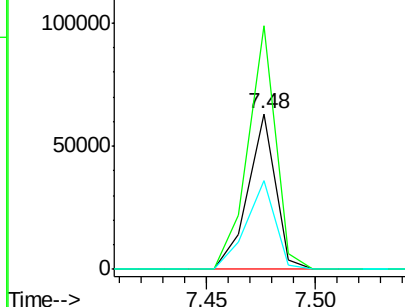
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF075714.D
Acq: 20 Nov 2014 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 55641
Ion Ratio Lower Upper
152 100
150 156.6 127.2 190.8
115 56.7 57.1 85.7#



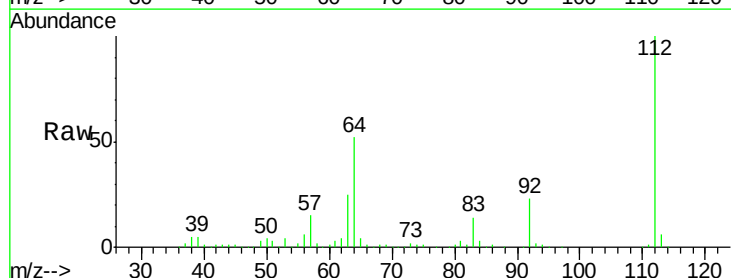
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



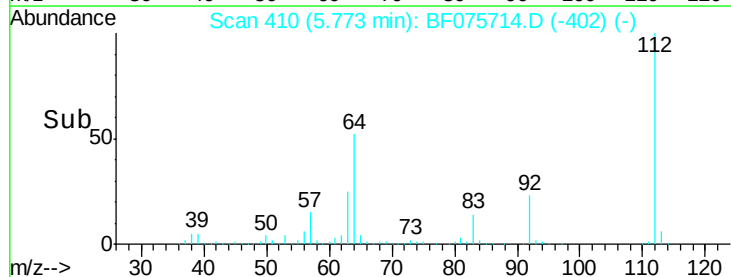
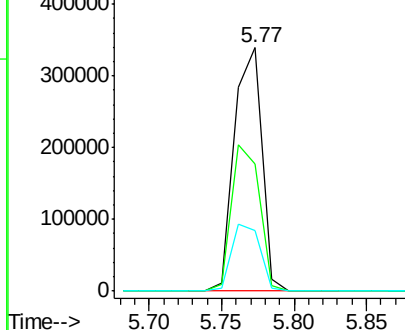
#5

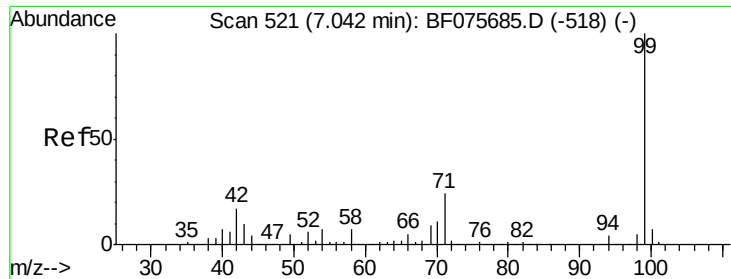
2-Fluorophenol
Concen: 125.17 ng
RT: 5.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF075714.D
Acq: 20 Nov 2014 17:30

Tgt Ion:112 Resp: 448287
Ion Ratio Lower Upper
112 100
64 52.5 45.8 68.6
63 25.1 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: 115.89 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075714.D

Acq: 20 Nov 2014 17:30

Instrument :

BNA_F

ClientSampleId :

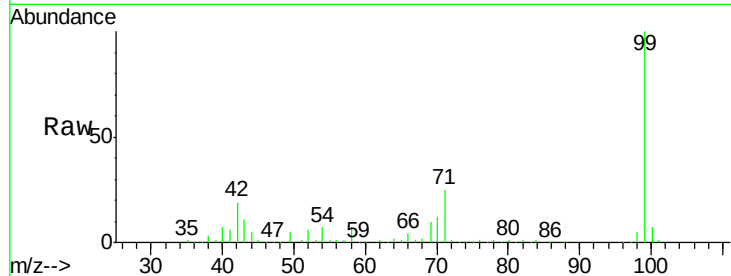
Tot Ion: 99 Resp: 504756

Ion Ratio Lower Upper

99 100

42 18.8 19.8 29.6#

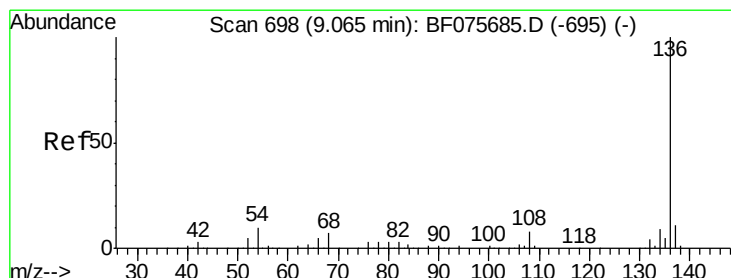
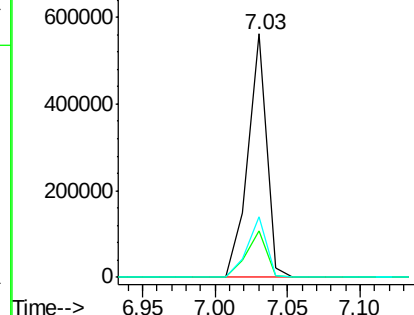
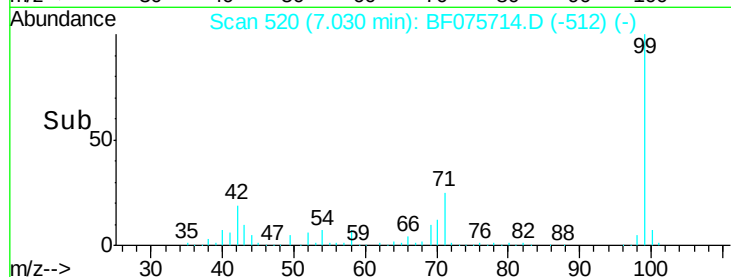
71 25.1 25.5 38.3#



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: BF075714.D

Acq: 20 Nov 2014 17:30

Tgt Ion: 136 Resp: 227773

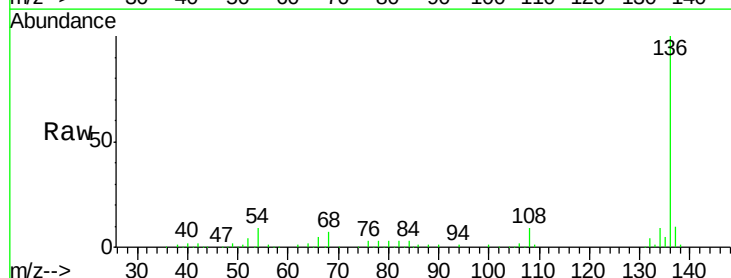
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.4

54 9.1 6.2 9.4

68 6.9 3.4 5.2#

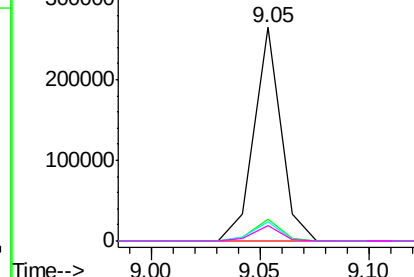
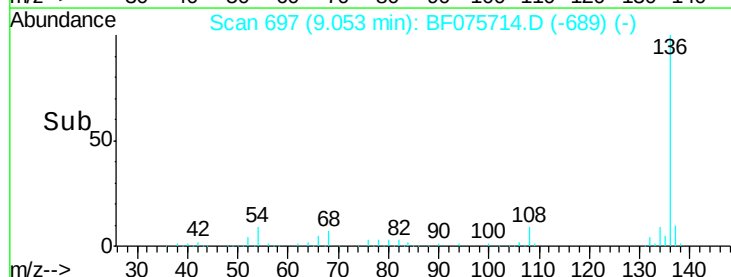


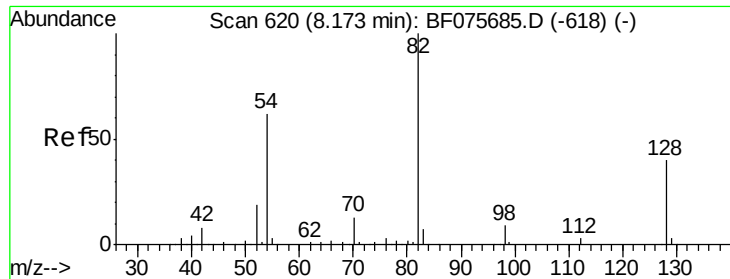
Abundance Ion 136.00 (135.70 to 136.70): E

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

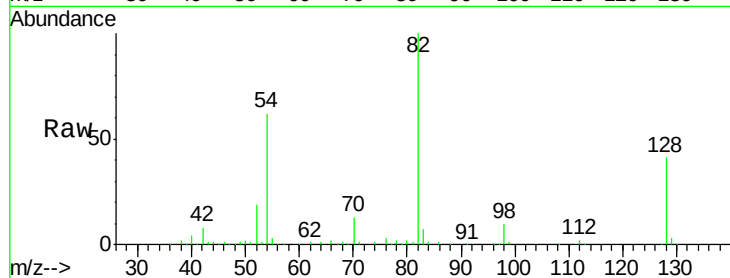




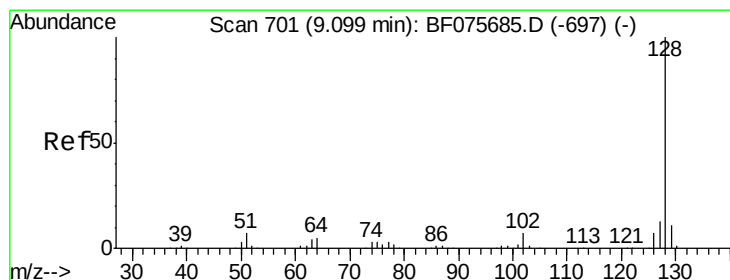
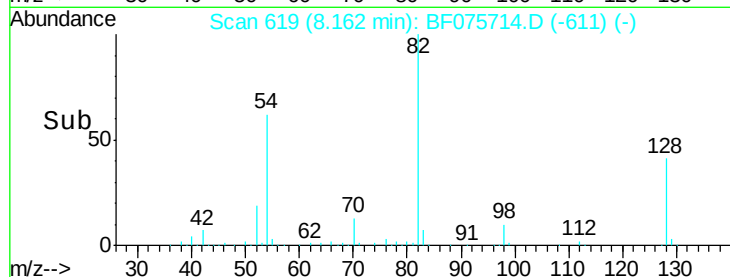
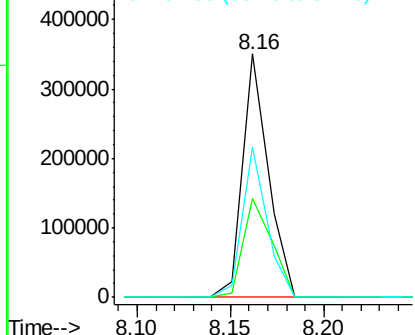
#23
 Nitrobenzene-d5
 Concen: 91.64 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075714.D
 Acq: 20 Nov 2014 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	340055
Ion Ratio	Lower	Upper	
82	100		
128	40.6	37.8	56.6
54	61.8	49.8	74.8

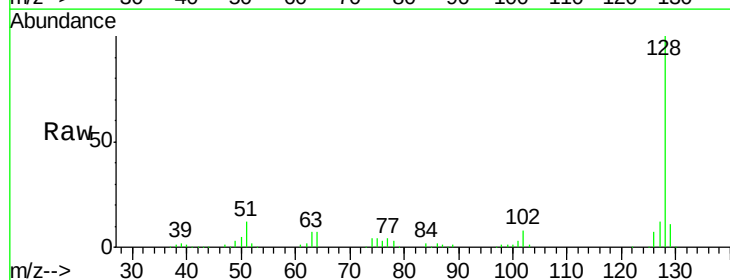


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

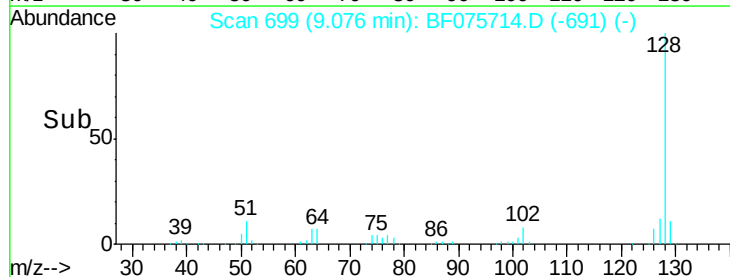
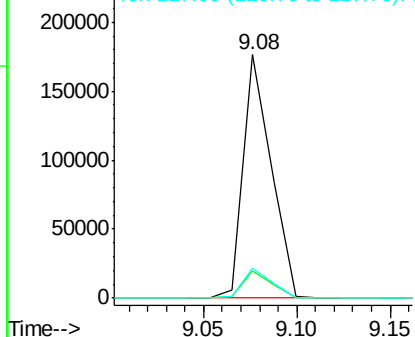


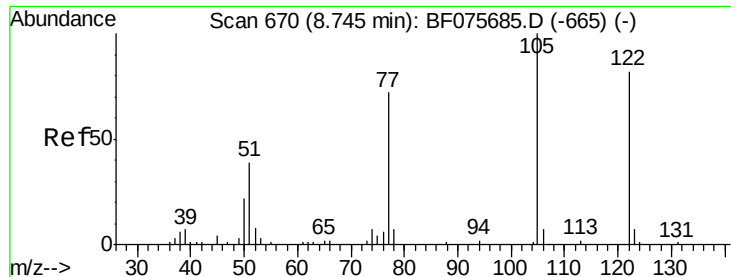
#31
 Naphthalene
 Concen: 15.74 ng
 RT: 9.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF075714.D
 Acq: 20 Nov 2014 17:30

Tgt Ion	128	Resp	183004
Ion Ratio	Lower	Upper	
128	100		
129	11.2	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

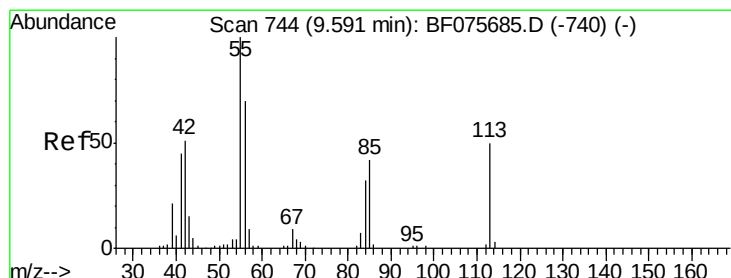
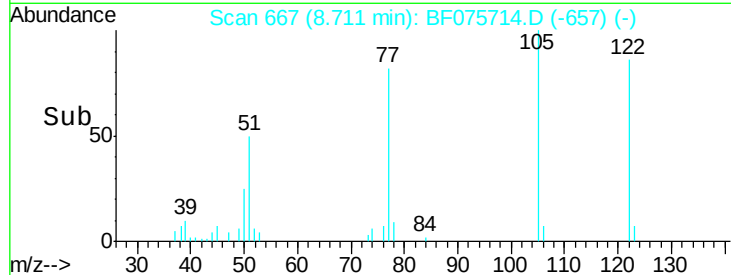
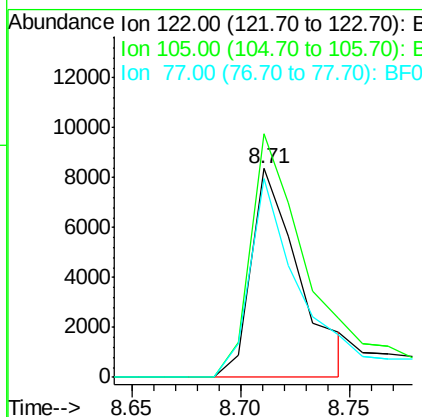
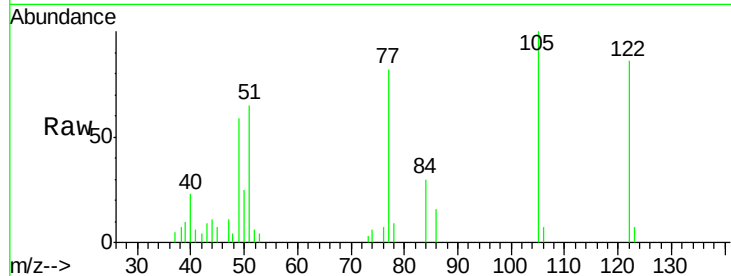




#32
Benzoic acid
Concen: 6.49 ng
RT: 8.71 min Scan# 667
Delta R.T. 0.01 min
Lab File: BF075714.D
Acq: 20 Nov 2014 17:30

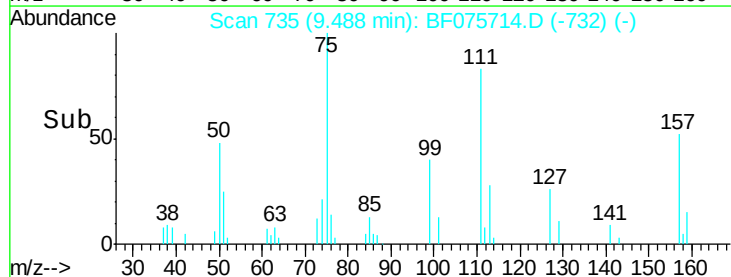
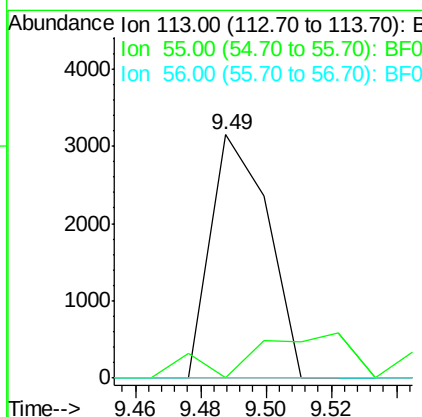
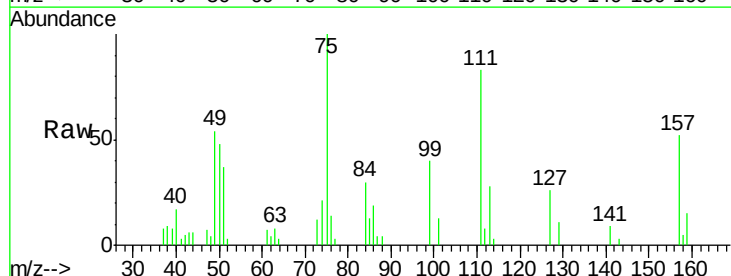
Instrument :
BNA_F
ClientSampleId :

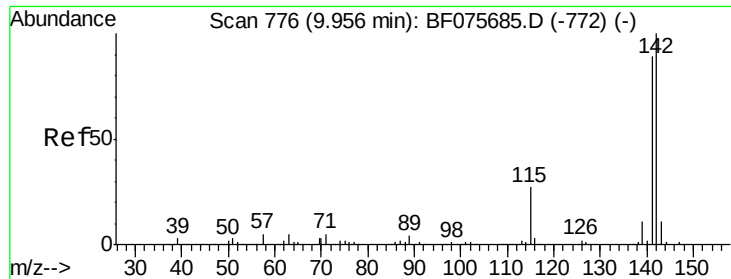
Tot Ion:122 Resp: 12943
Ion Ratio Lower Upper
122 100
105 116.7 95.1 135.1
77 95.3 62.6 102.6



#35
Caprolactam
Concen: 3.65 ng
RT: 9.49 min Scan# 735
Delta R.T. -0.07 min
Lab File: BF075714.D
Acq: 20 Nov 2014 17:30

Tgt Ion:113 Resp: 3774
Ion Ratio Lower Upper
113 100
55 0.0 226.9 266.9#
56 0.0 148.4 188.4#

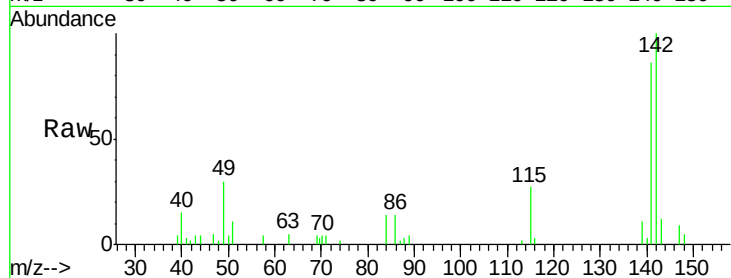




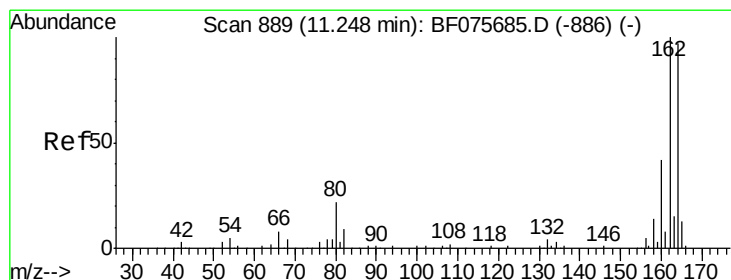
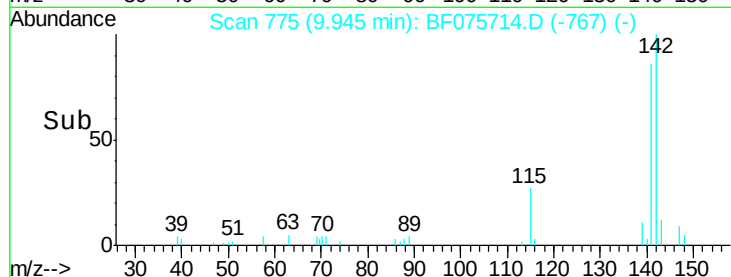
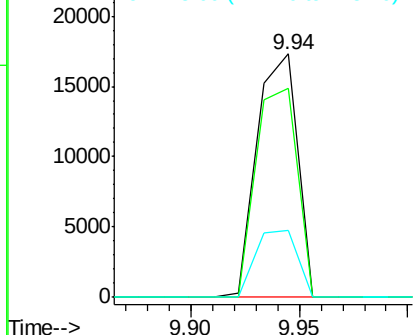
#37
2-Methylnaphthalene
Concen: 2.91 ng
RT: 9.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF075714.D
Acq: 20 Nov 2014 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 22563
Ion Ratio Lower Upper
142 100
141 86.1 69.9 104.9
115 27.4 27.6 41.4#

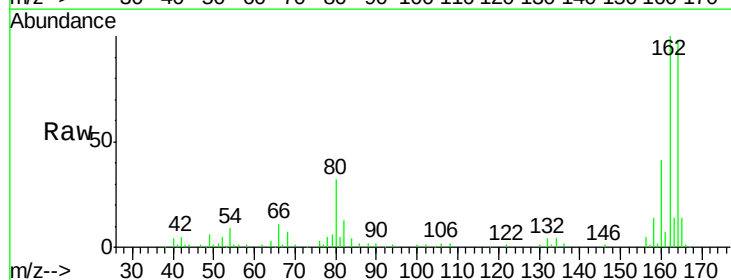


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

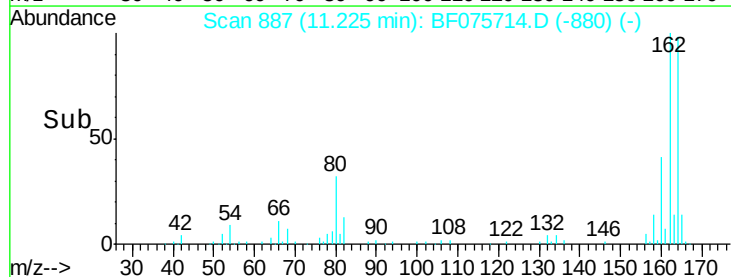
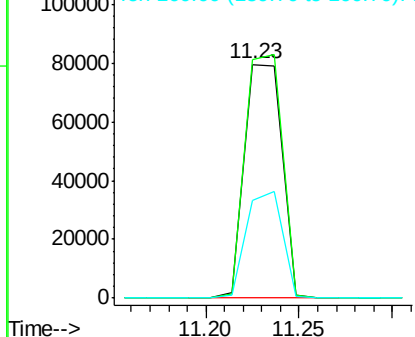


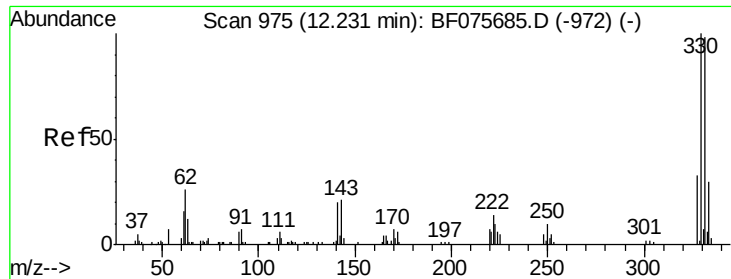
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075714.D
Acq: 20 Nov 2014 17:30

Tgt Ion:164 Resp: 110501
Ion Ratio Lower Upper
164 100
162 102.3 79.1 118.7
160 41.8 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

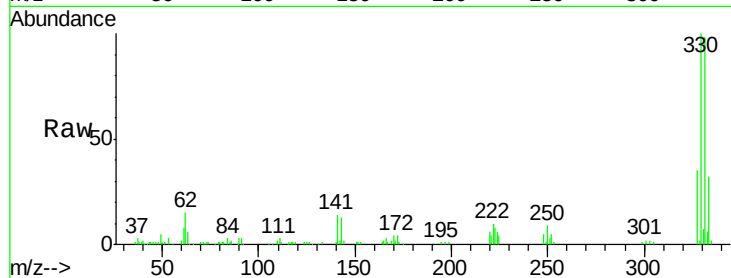




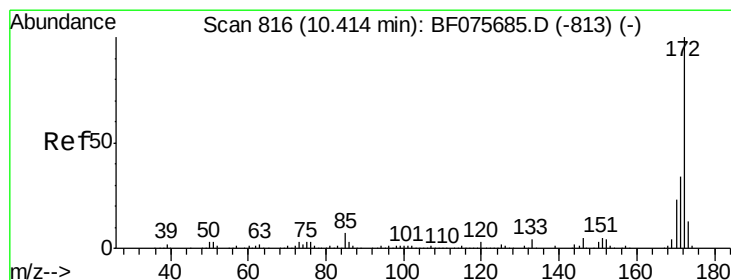
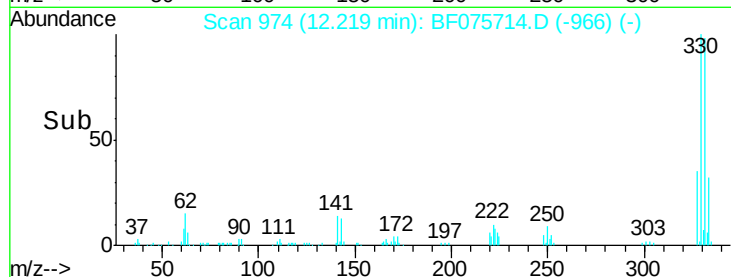
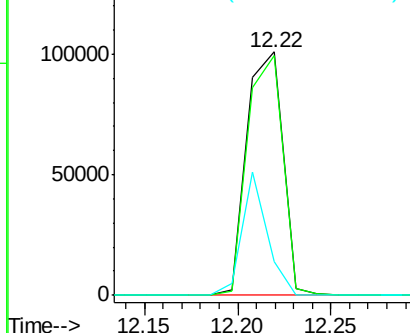
#41
 2,4,6-Tribromophenol
 Concen: 150.24 ng
 RT: 12.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF075714.D
 Acq: 20 Nov 2014 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	74.5	111.7
141	35.5	30.7	46.1

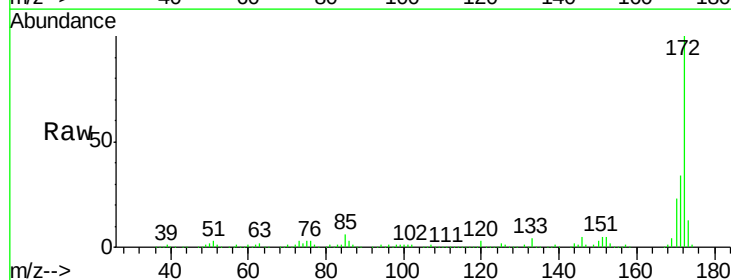


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

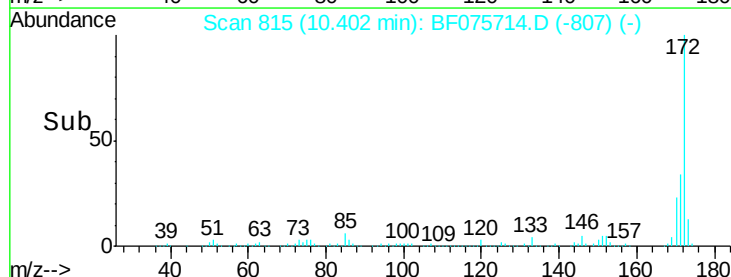
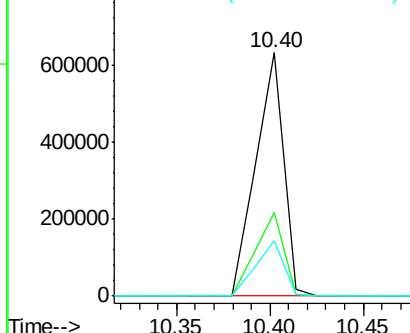


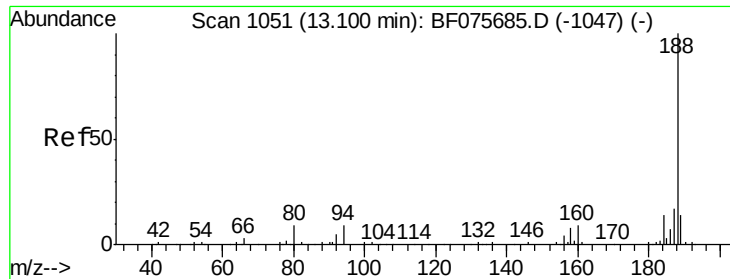
#44
 2-Fluorobiphenyl
 Concen: 91.90 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075714.D
 Acq: 20 Nov 2014 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	22.9	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

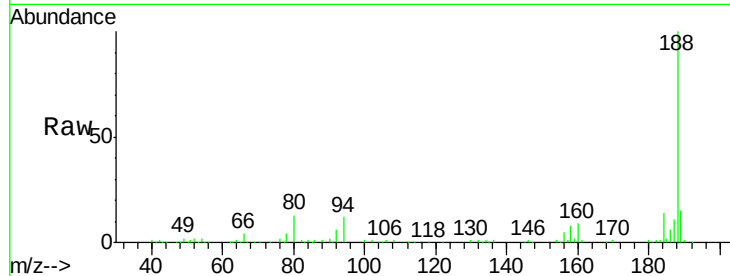




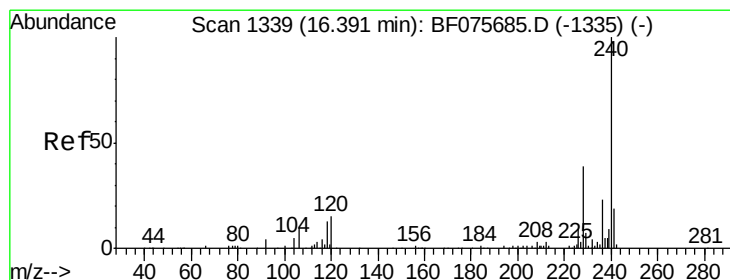
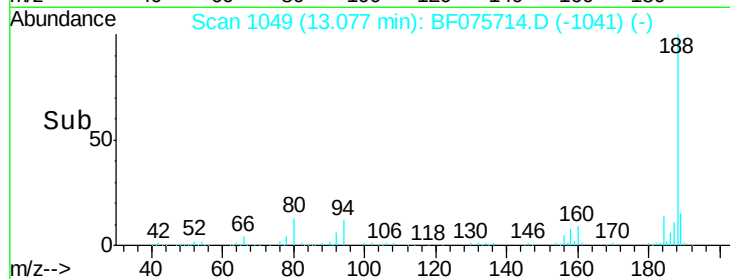
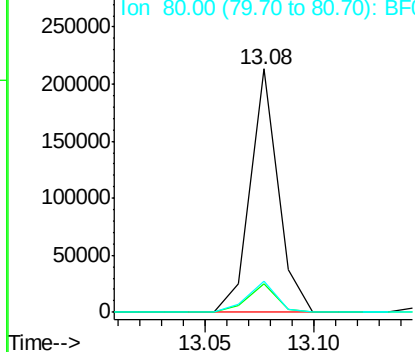
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075714.D
Acq: 20 Nov 2014 17:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 189176
Ion Ratio Lower Upper
188 100
94 11.7 7.8 11.6#
80 12.9 8.0 12.0#

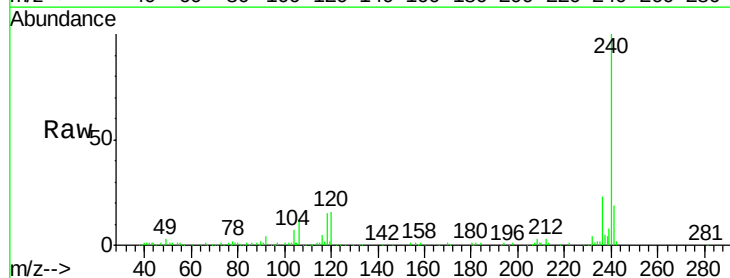


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

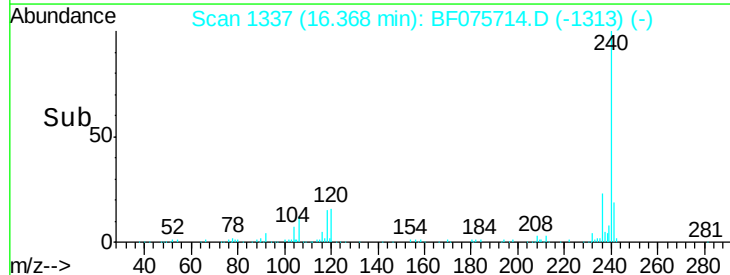
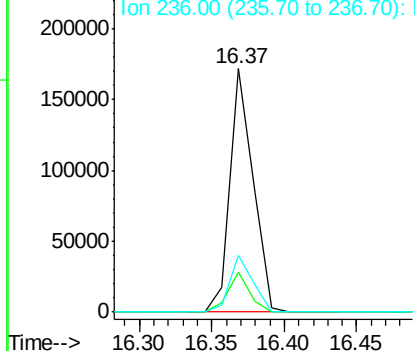


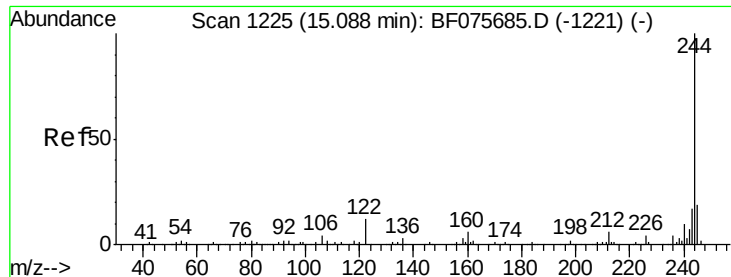
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.37 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF075714.D
Acq: 20 Nov 2014 17:30

Tgt Ion:240 Resp: 190494
Ion Ratio Lower Upper
240 100
120 16.3 9.6 14.4#
236 23.2 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

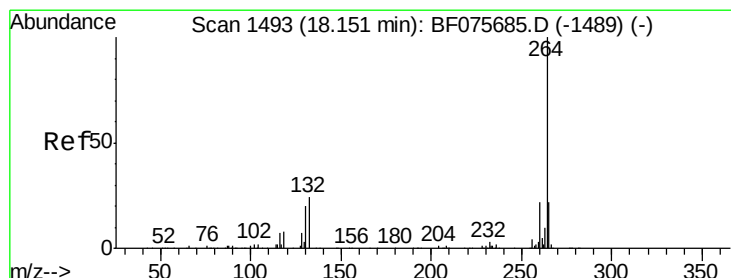
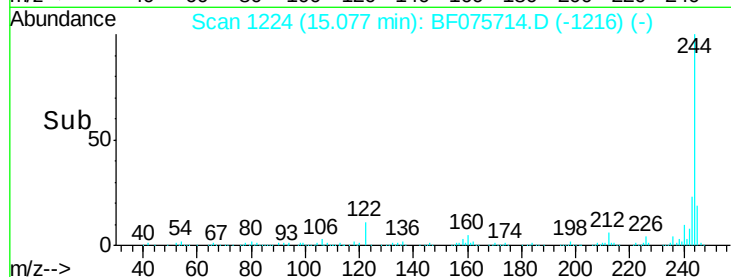
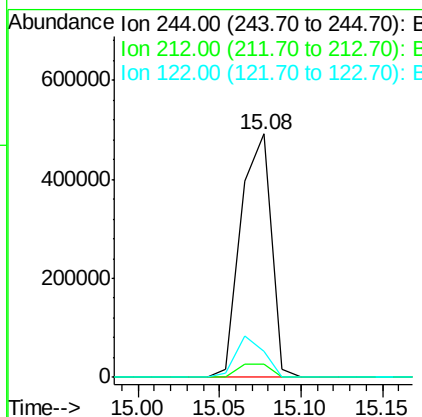
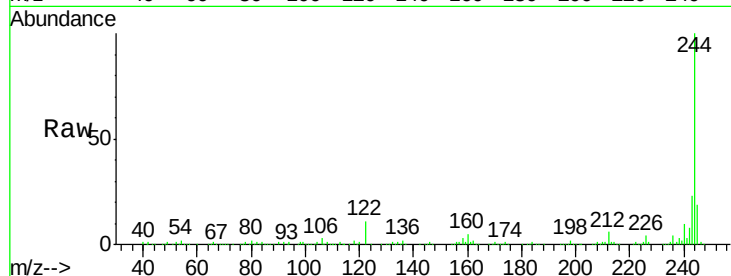




#78
 Terphenyl-d14
 Concen: 83.22 ng
 RT: 15.08 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF075714.D
 Acq: 20 Nov 2014 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 633773
 Ion Ratio Lower Upper
 244 100
 212 5.6 5.5 8.3
 122 10.5 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.13 min Scan# 1491
 Delta R.T. -0.03 min
 Lab File: BF075714.D
 Acq: 20 Nov 2014 17:30

Tgt Ion:264 Resp: 186552
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.9 26.9
 265 22.3 16.3 24.5

