

Data Path : Z:\HPCHEM1\BNA F\Data\BF112014\
 Data File : BF075704.D
 Acq On : 20 Nov 2014 11:17
 Operator : TP / JJ
 Sample : PB80400BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 00:30:10 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 21 00:09:50 2014
 Response via : Initial Calibration

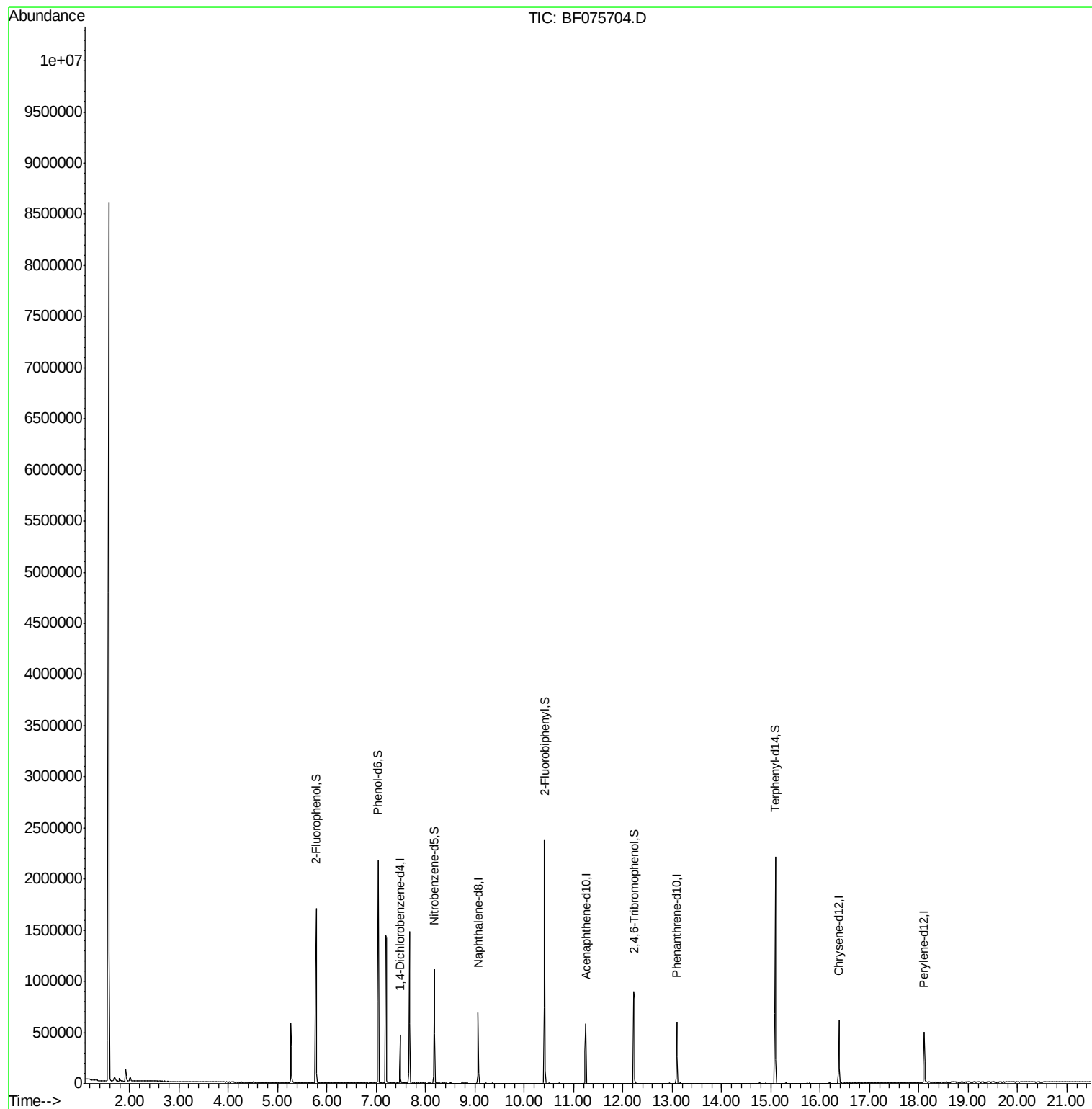
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	73187	20.00	ng	0.01
21) Naphthalene-d8	9.06	136	303796	20.00	ng	0.01
38) Acenaphthene-d10	11.25	164	155544	20.00	ng	0.02
63) Phenanthrene-d10	13.09	188	247496	20.00	ng	0.01
75) Chrysene-d12	16.38	240	231520	20.00	ng	0.01
86) Perylene-d12	18.11	264	222943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	605287	128.49	ng	0.02
7) Phenol-d6	7.04	99	764555	133.45	ng	0.02
23) Nitrobenzene-d5	8.17	82	378407	76.46	ng	0.01
41) 2,4,6-Tribromophenol	12.23	330	156025	123.04	ng	0.02
44) 2-Fluorobiphenyl	10.41	172	785338	79.04	ng	0.01
78) Terphenyl-d14	15.09	244	745259	80.52	ng	0.02
Target Compounds						
76) Benzidine	14.78	184	4248	Below Cal	Qvalue #	92

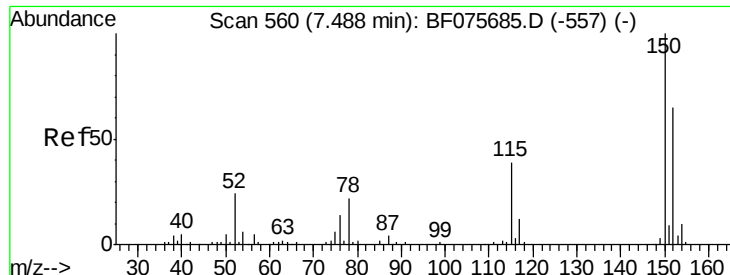
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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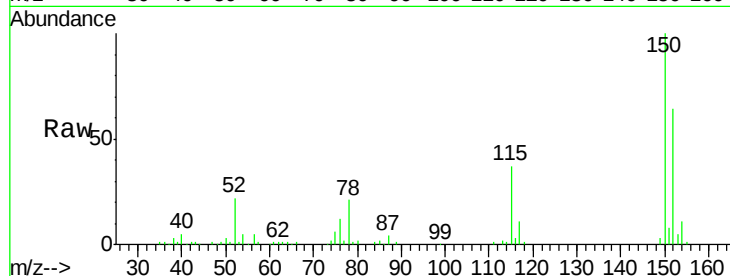


#1

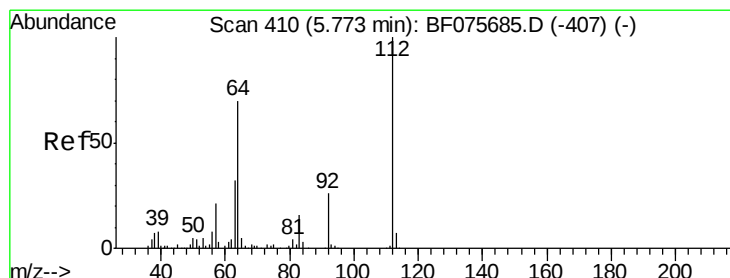
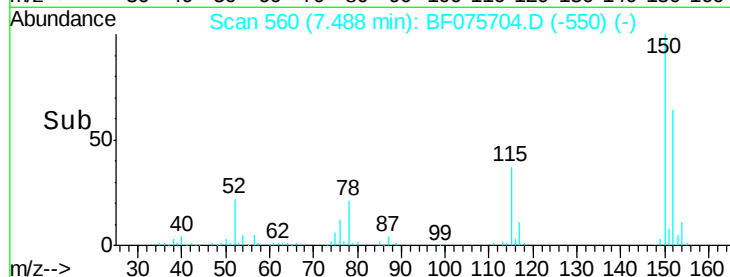
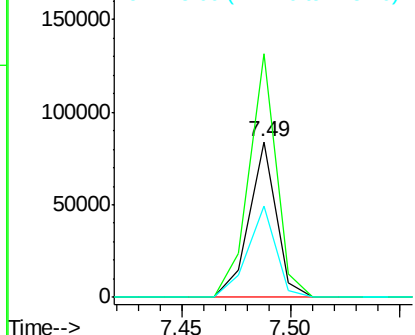
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF075704.D
Acq: 20 Nov 2014 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73187
Ion Ratio Lower Upper
152 100
150 156.2 127.2 190.8
115 58.2 57.1 85.7



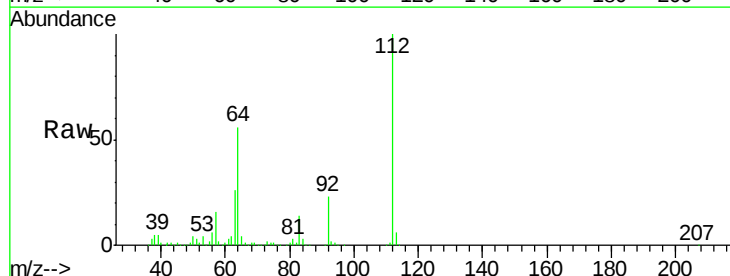
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



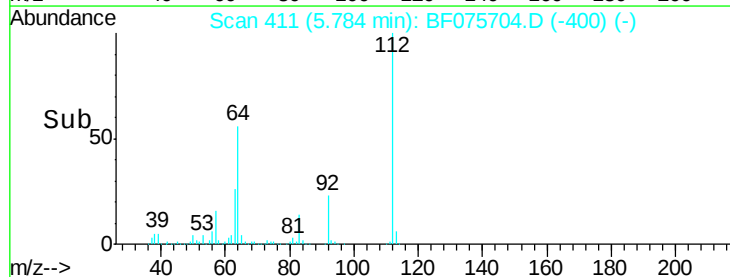
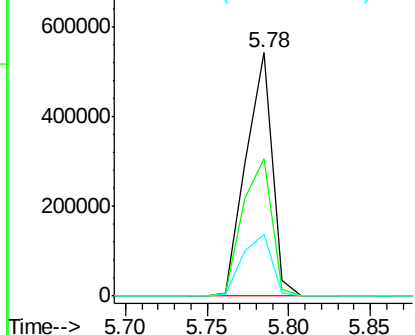
#5

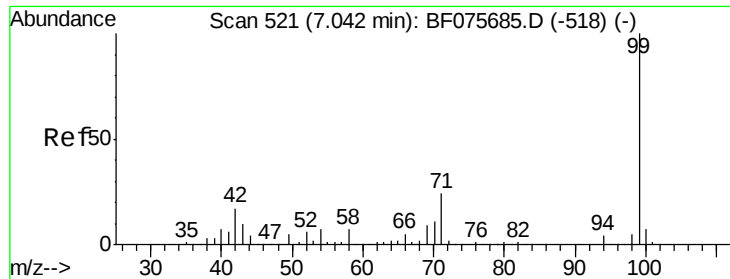
2-Fluorophenol
Concen: 128.49 ng
RT: 5.78 min Scan# 411
Delta R.T. 0.02 min
Lab File: BF075704.D
Acq: 20 Nov 2014 11:17

Tgt Ion:112 Resp: 605287
Ion Ratio Lower Upper
112 100
64 56.2 45.8 68.6
63 25.7 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: 133.45 ng

RT: 7.04 min Scan# 521

Delta R.T. 0.02 min

Lab File: BF075704.D

Acq: 20 Nov 2014 11:17

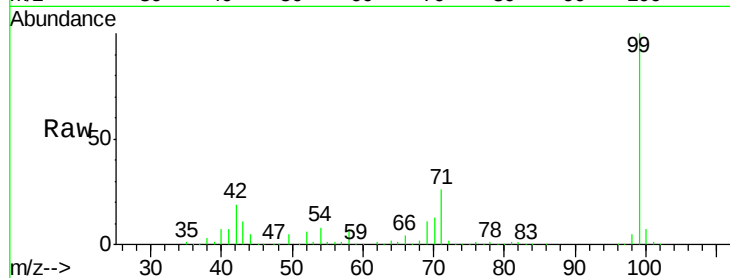
Instrument :

BNA_F

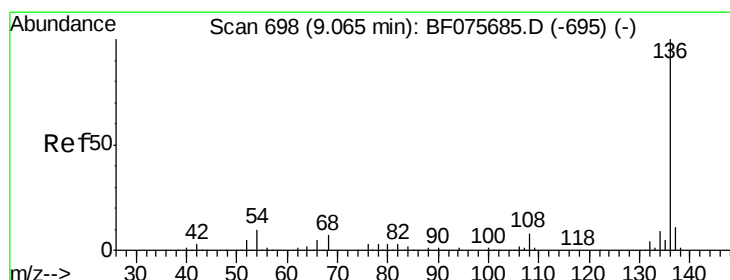
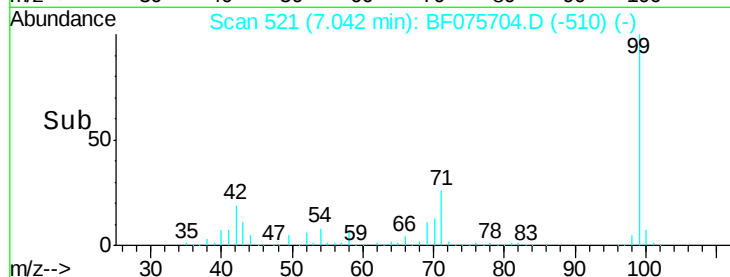
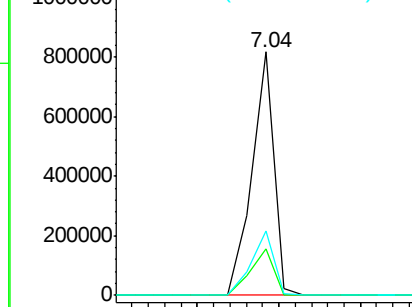
ClientSampleId :

Tot Ion: 99 Resp: 764555

Ion	Ratio	Lower	Upper
99	100		
42	19.2	19.8	29.6#
71	26.4	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: 9.06 min Scan# 698

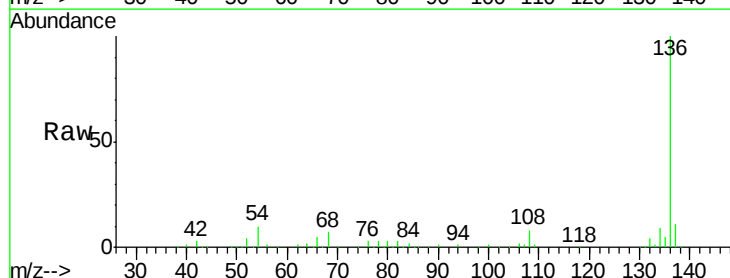
Delta R.T. 0.01 min

Lab File: BF075704.D

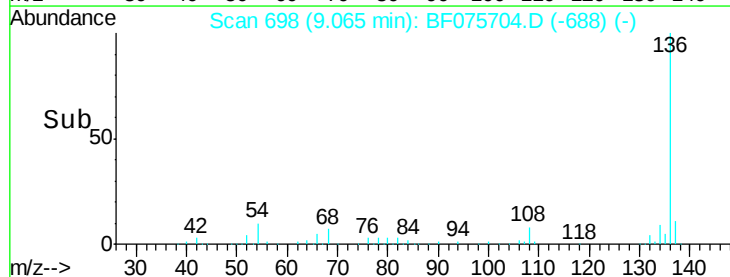
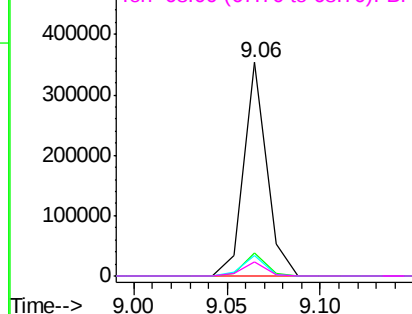
Acq: 20 Nov 2014 11:17

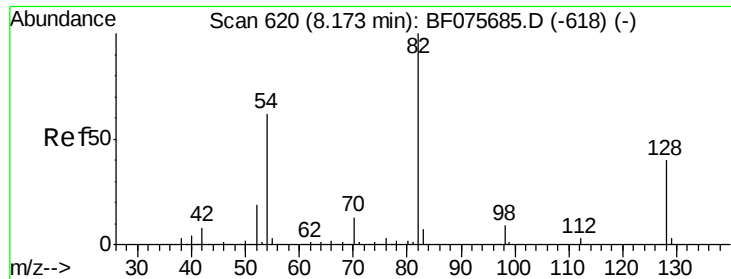
Tgt Ion: 136 Resp: 303796

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	9.9	6.2	9.4#
68	6.7	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

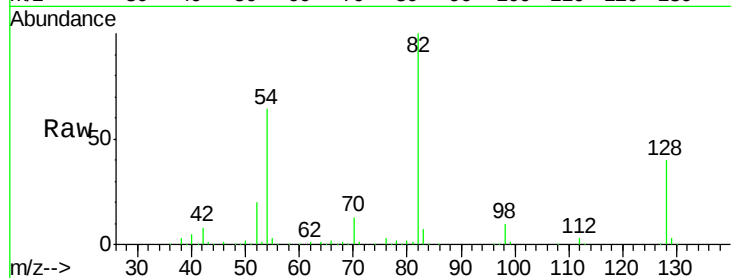




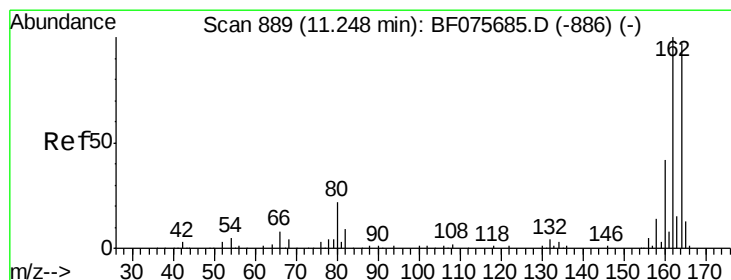
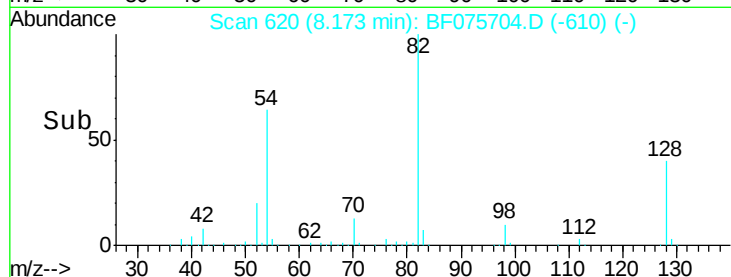
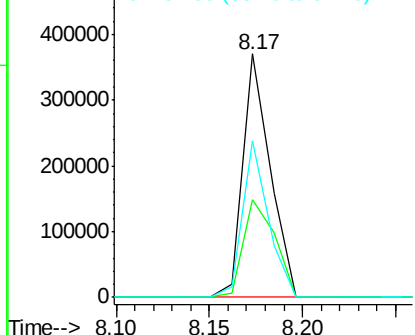
#23
Nitrobenzene-d5
Concen: 76.46 ng
RT: 8.17 min Scan# 620
Delta R.T. 0.01 min
Lab File: BF075704.D
Acq: 20 Nov 2014 11:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	378407
Ion Ratio	Lower	Upper	
82	100		
128	40.2	37.8	56.6
54	64.2	49.8	74.8

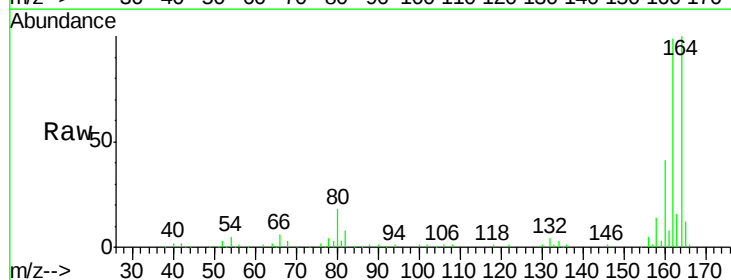


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

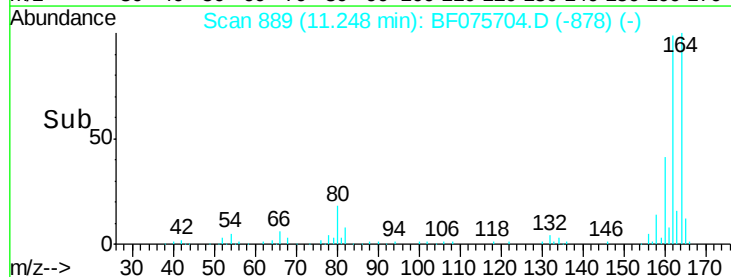
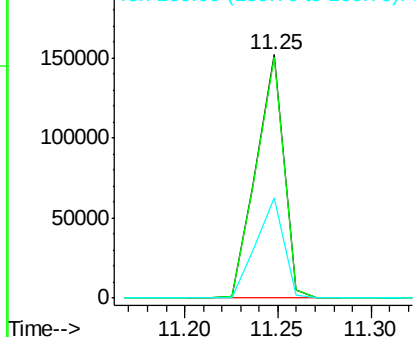


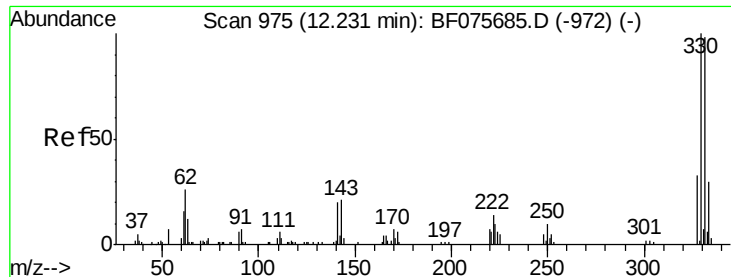
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF075704.D
Acq: 20 Nov 2014 11:17

Tgt Ion	164	Resp	155544
Ion Ratio	Lower	Upper	
164	100		
162	98.9	79.1	118.7
160	41.4	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

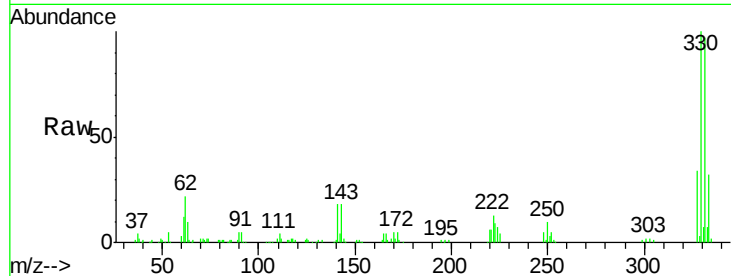




#41
 2,4,6-Tribromophenol
 Concen: 123.04 ng
 RT: 12.23 min Scan# 975
 Delta R.T. 0.02 min
 Lab File: BF075704.D
 Acq: 20 Nov 2014 11:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	74.5	111.7
141	33.9	30.7	46.1

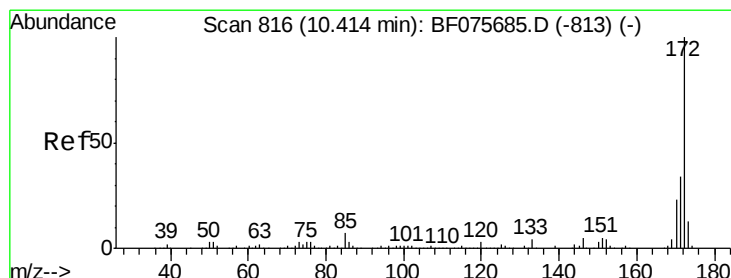
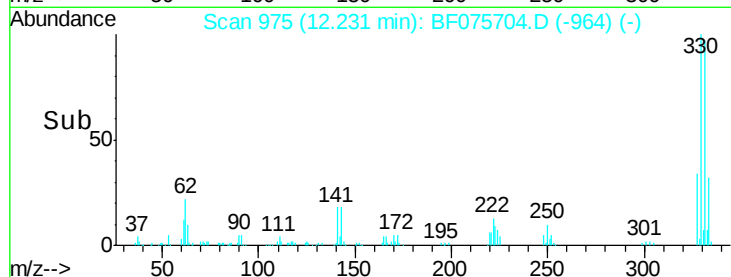
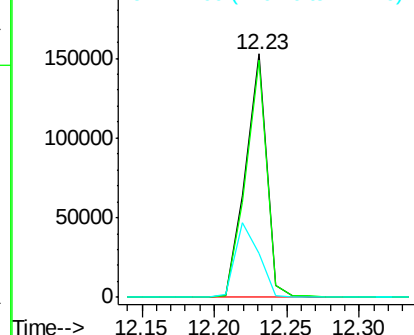


Abundance

Ion 329.80 (329.50 to 330.50): E

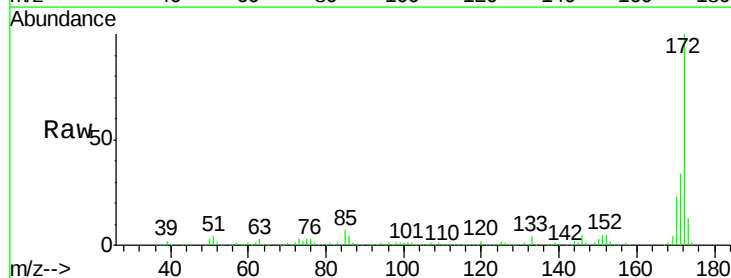
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.04 ng
 RT: 10.41 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF075704.D
 Acq: 20 Nov 2014 11:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	23.3	18.4	27.6

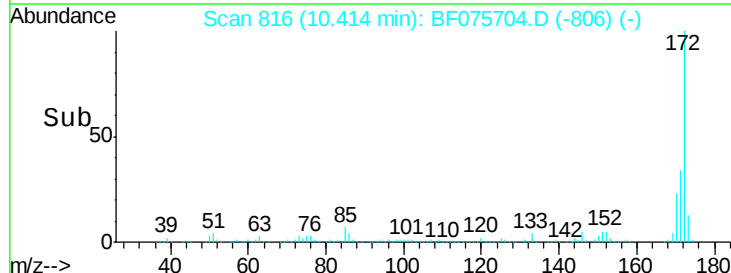
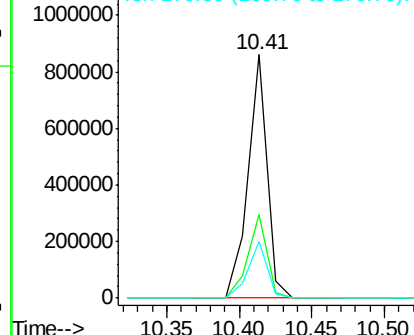


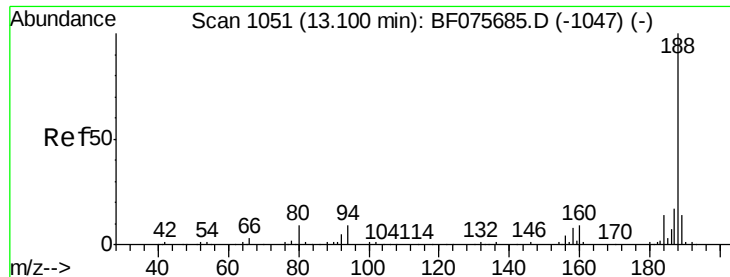
Abundance

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

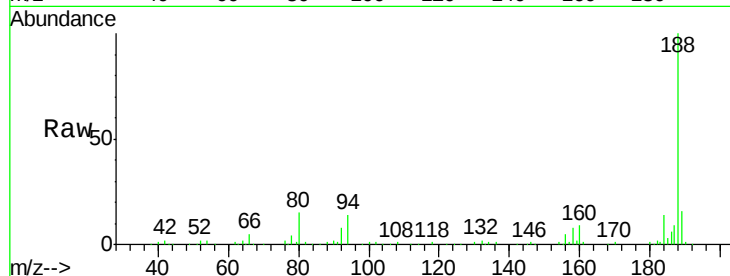




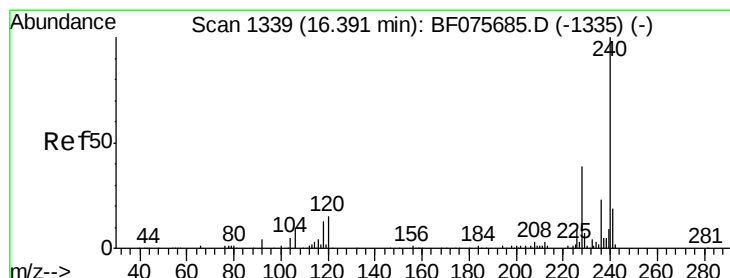
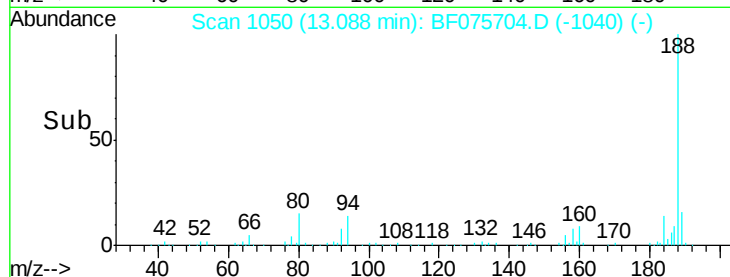
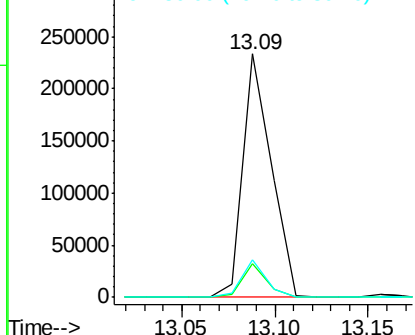
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.09 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF075704.D
Acq: 20 Nov 2014 11:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 247496
Ion Ratio Lower Upper
188 100
94 13.7 7.8 11.6#
80 15.3 8.0 12.0#

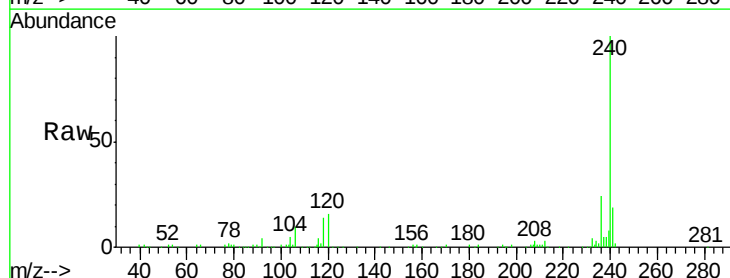


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

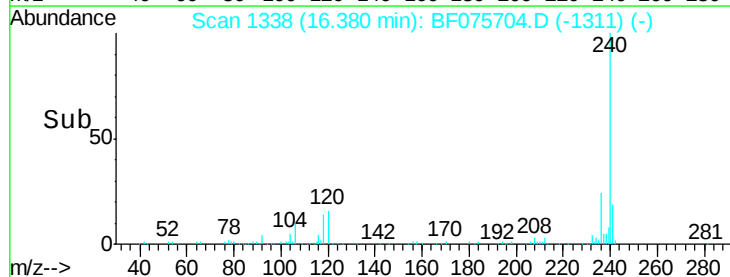
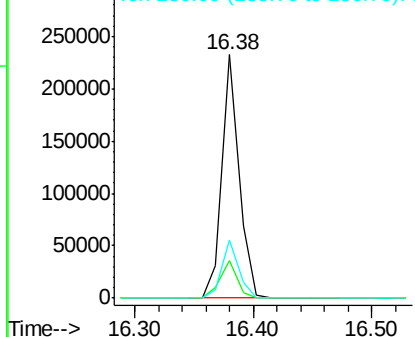


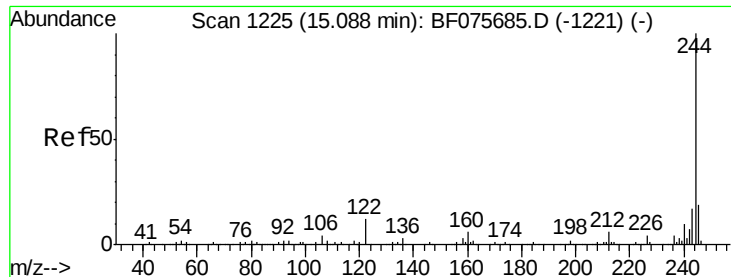
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.38 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF075704.D
Acq: 20 Nov 2014 11:17

Tgt Ion:240 Resp: 231520
Ion Ratio Lower Upper
240 100
120 15.5 9.6 14.4#
236 23.6 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

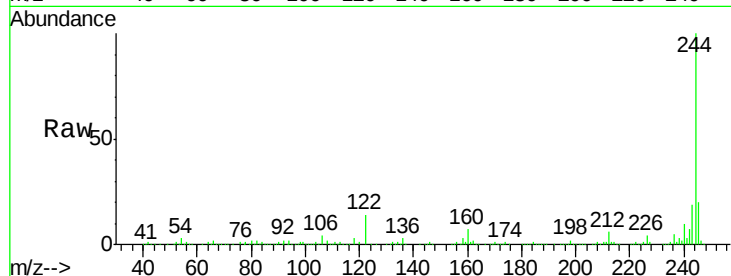




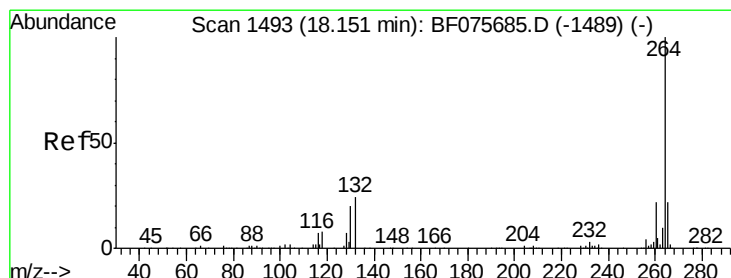
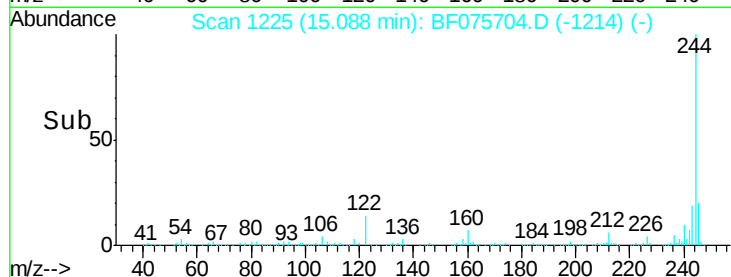
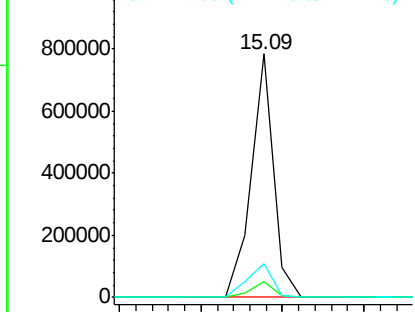
#78
 Terphenyl-d14
 Concen: 80.52 ng
 RT: 15.09 min Scan# 1225
 Delta R.T. 0.02 min
 Lab File: BF075704.D
 Acq: 20 Nov 2014 11:17

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.5	8.3
122	14.1	9.7	14.5

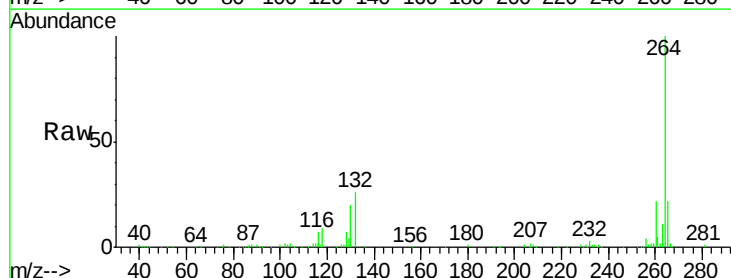


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.11 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BF075704.D
 Acq: 20 Nov 2014 11:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.9	26.9
265	21.6	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

