

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085221.D
 Acq On : 4 Mar 2016 23:53
 Operator : SJ/IZ
 Sample : H1645-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELP-8

Manual Integrations
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Quant Time: Mar 05 01:35:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141177	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	572143	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	270978	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	518300	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	361727	20.00	ng	-0.02
86) Perylene-d12	15.60	264	246685	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1000341	118.86	ng	0.01
7) Phenol-d6	6.60	99	1212910	110.00	ng	-0.01
23) Nitrobenzene-d5	7.53	82	989296	92.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	350220	151.04	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1569525	88.09	ng	-0.02
78) Terphenyl-d14	13.08	244	1382602	88.73	ng	-0.01
Target Compounds						
32) Benzoic acid	7.96	122	39001	6.08	ng	Qvalue 99

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

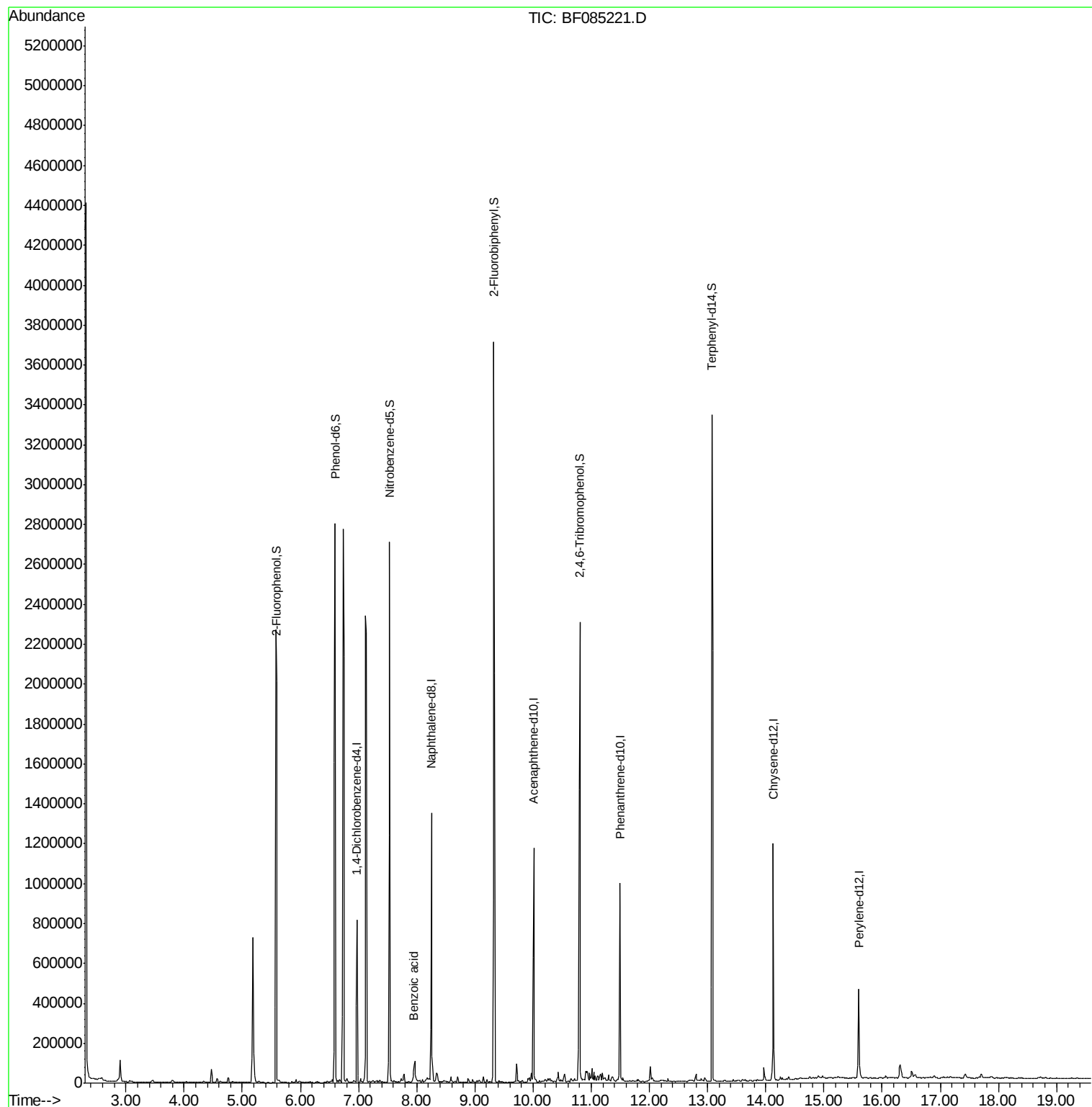
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085221.D
Acq On : 4 Mar 2016 23:53
Operator : SJ/IZ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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#1

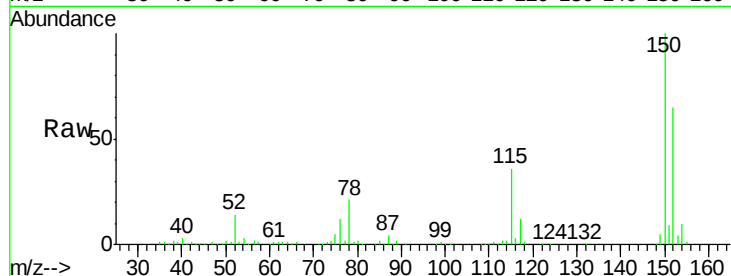
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Instrument :
BNA_F
ClientSampleId :
ELP-8

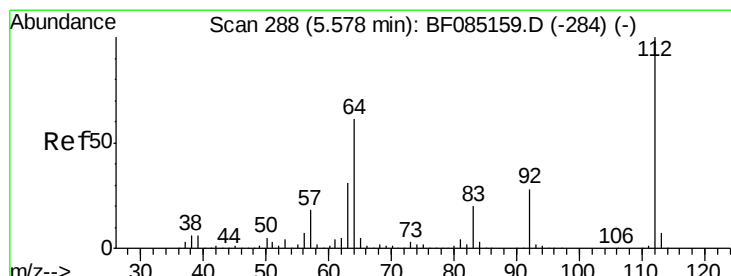
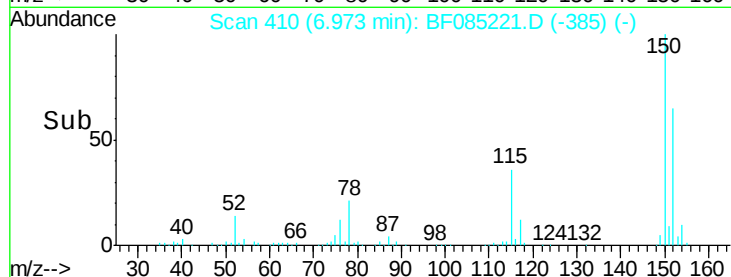
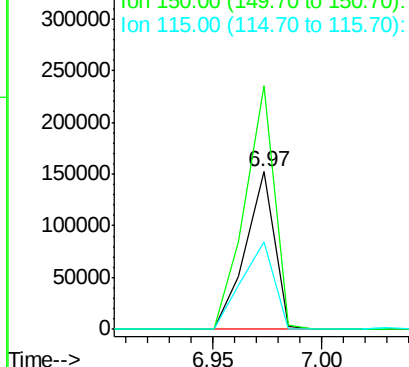
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	55.8	46.6	70.0

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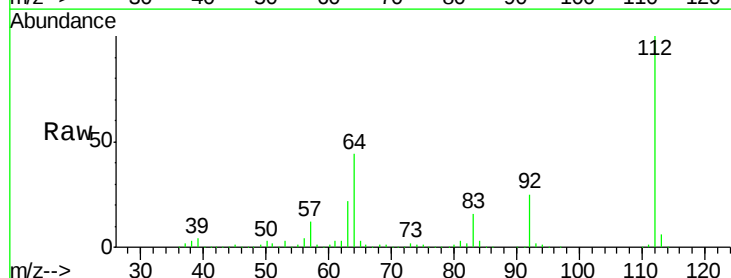
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



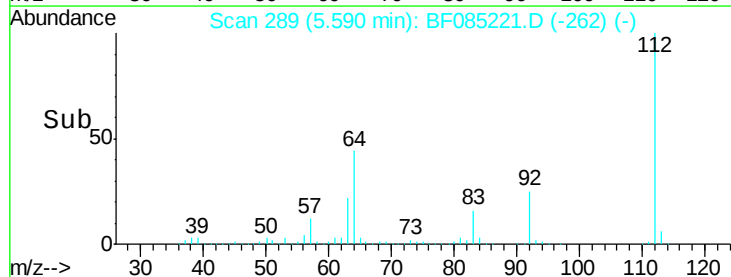
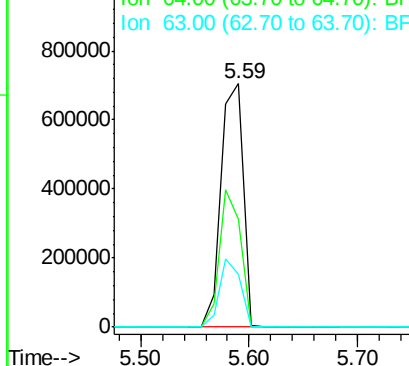
#5

2-Fluorophenol
Concen: 118.86 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	49.0	73.4#
63	22.0	24.8	37.2#



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: 110.00 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

Instrument :

BNA_F

ClientSampled :

ELP-8

Tot Ion: 99 Resp: 1212910

Ion Ratio Lower Upper

99 100

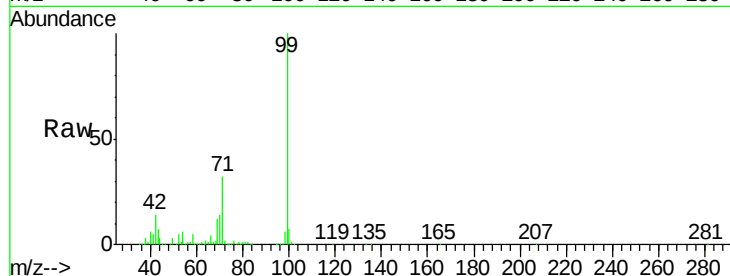
42 14.0 13.6 20.4

71 31.7 26.7 40.1

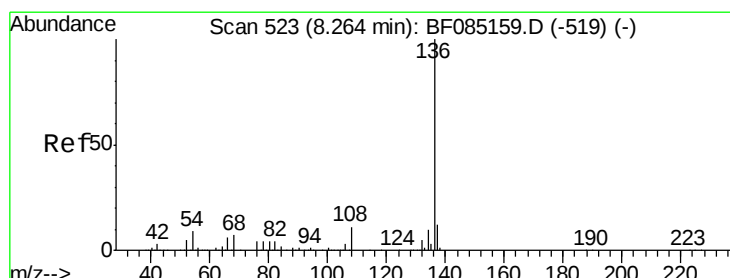
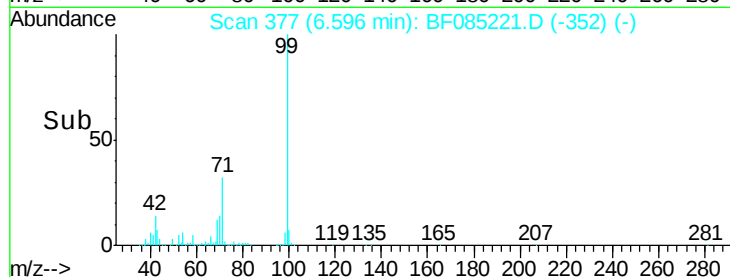
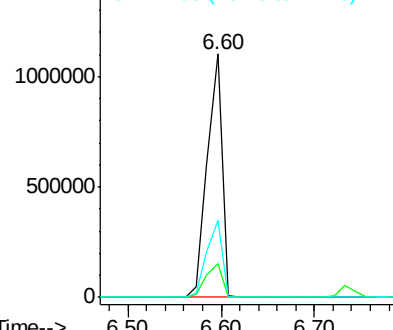
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

Tgt Ion: 136 Resp: 572143

Ion Ratio Lower Upper

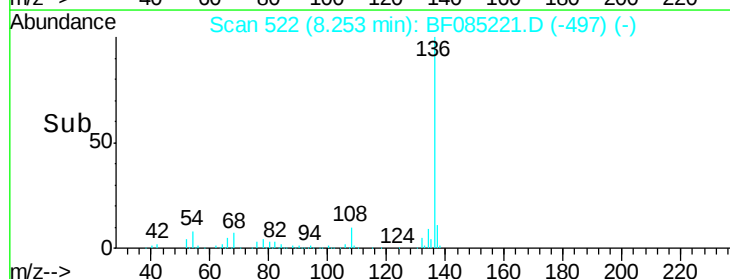
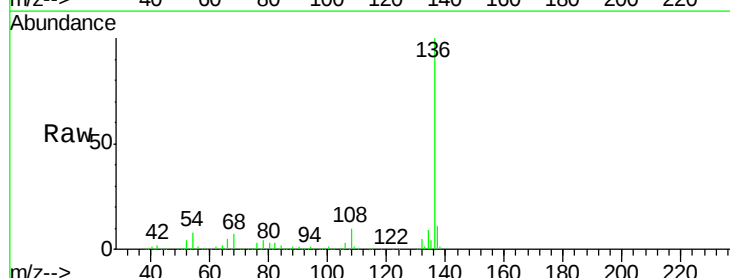
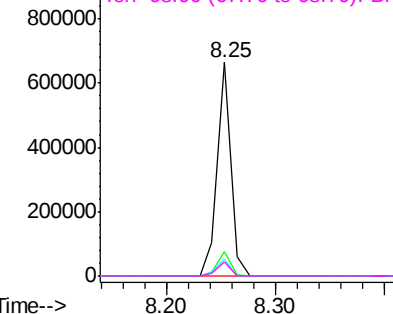
136 100

137 11.3 9.3 13.9

54 7.7 7.4 11.2

68 6.5 6.0 9.0

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





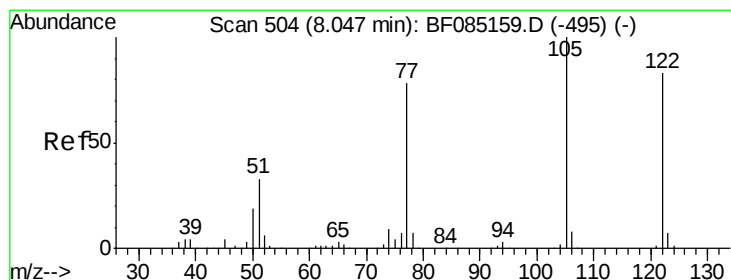
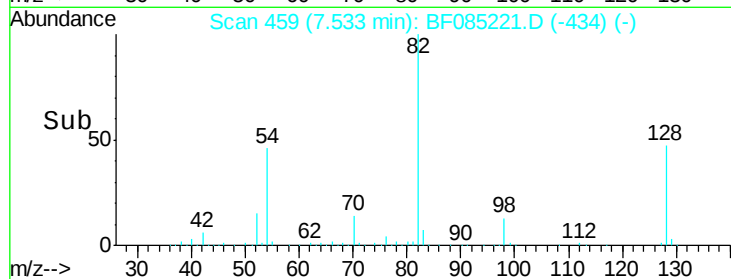
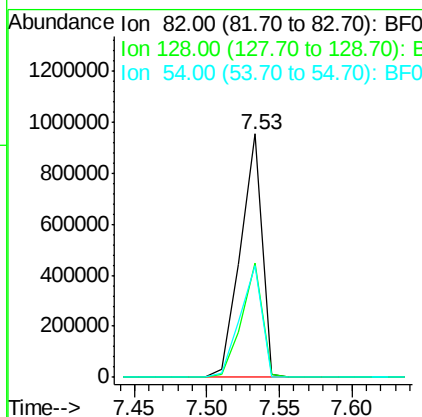
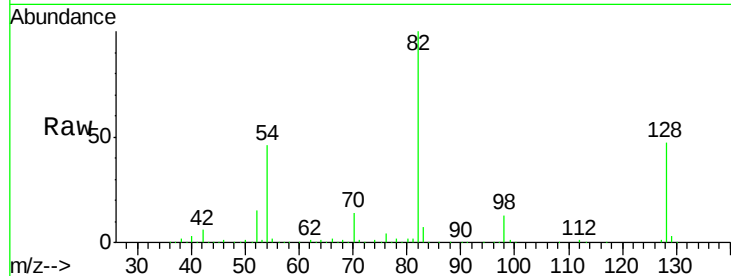
#23
 Nitrobenzene-d5
 Concen: 92.53 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 ELP-8

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	34.5	51.7	
54	45.8	39.3	58.9	

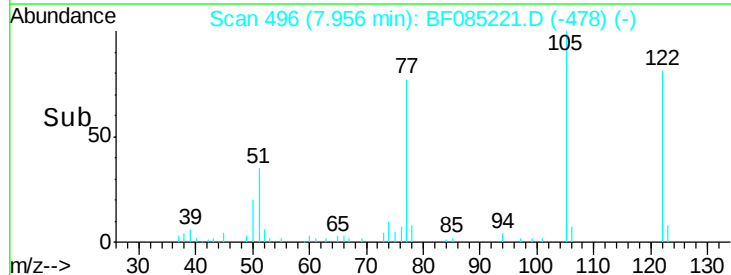
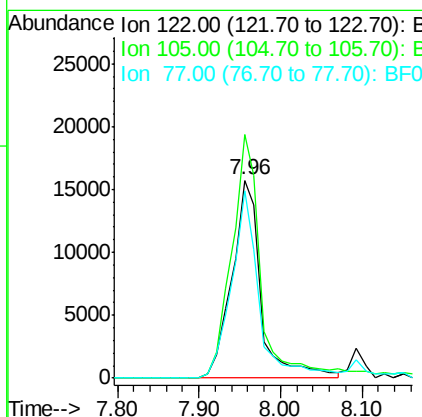
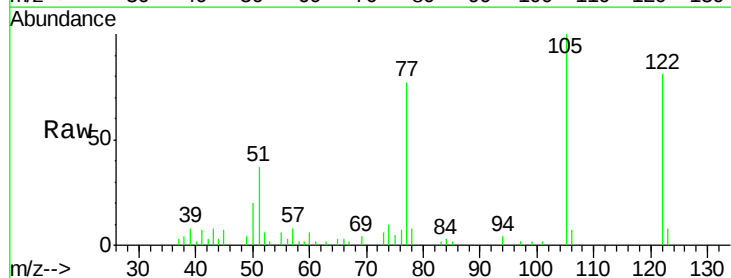
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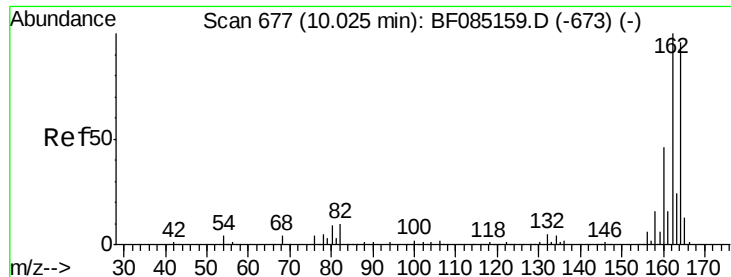
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#32
 Benzoic acid
 Concen: 6.08 ng
 RT: 7.96 min Scan# 496
 Delta R.T. -0.09 min
 Lab File: BF085221.D
 Acq: 4 Mar 2016 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.9	101.3	141.3	
77	94.3	74.7	114.7	





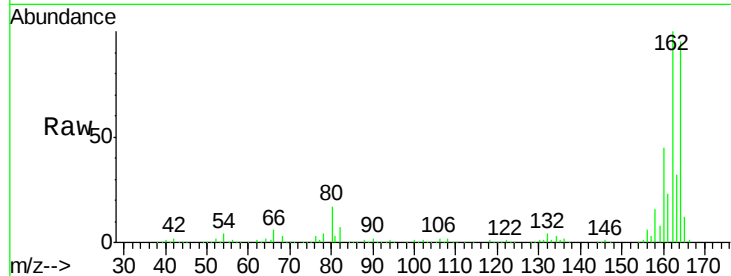
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Instrument :
BNA_F
ClientSampleId :
ELP-8

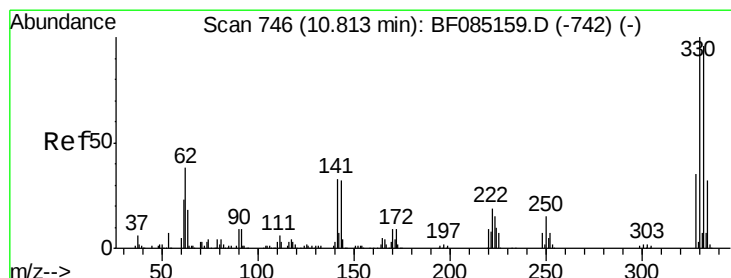
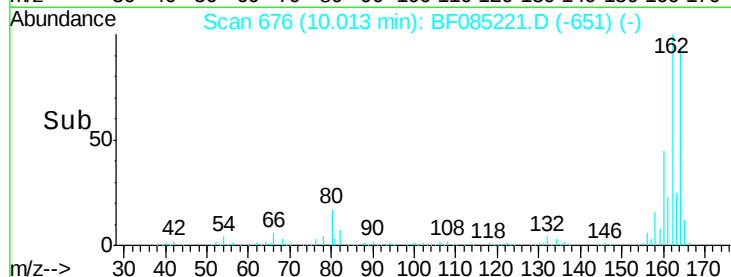
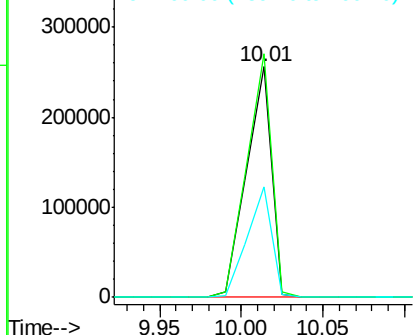
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.5	83.3	124.9	
160	47.8	37.9	56.9	

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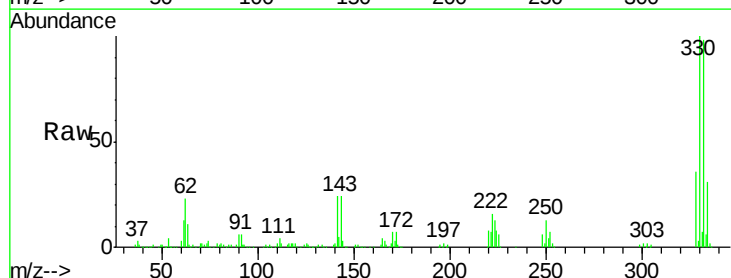


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

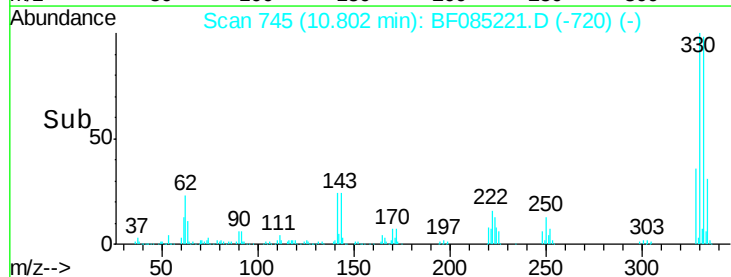
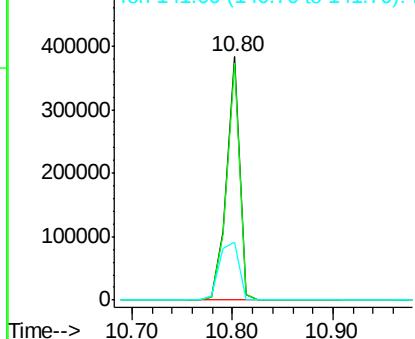


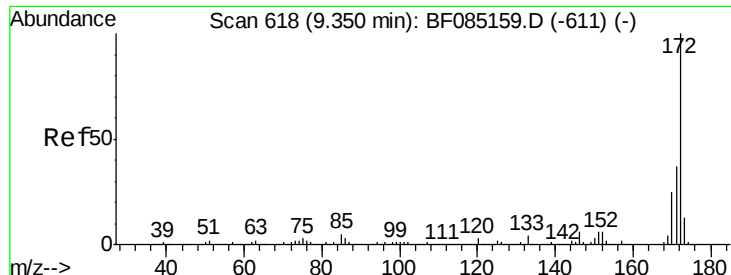
#41
2,4,6-Tribromophenol
Concen: 151.04 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.1	115.7	
141	36.1	35.0	52.6	



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





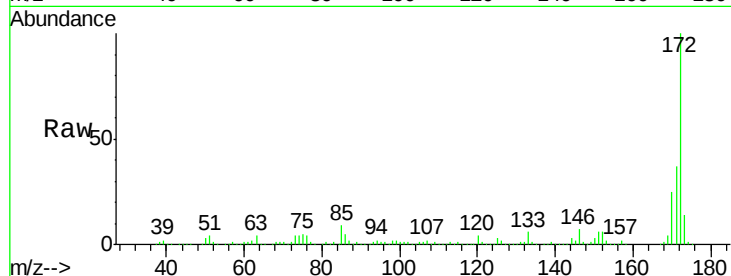
#44
2-Fluorobiphenyl
Concen: 88.09 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Instrument :
BNA_F
ClientSampled :
ELP-8

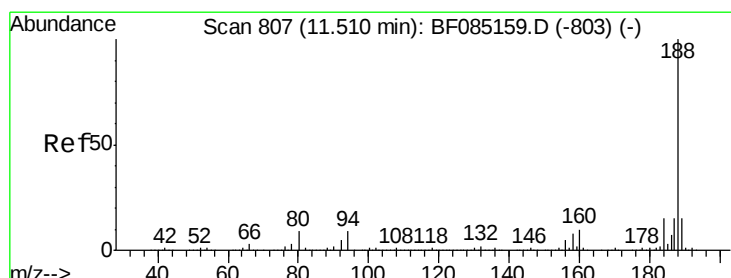
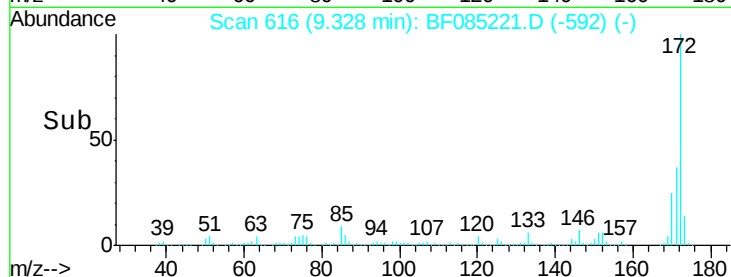
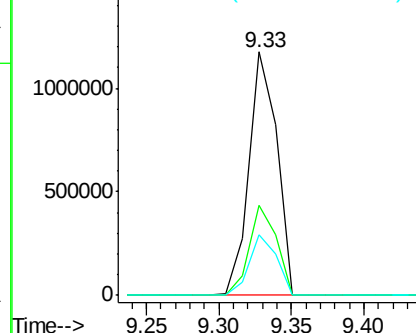
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.8	20.0	30.0

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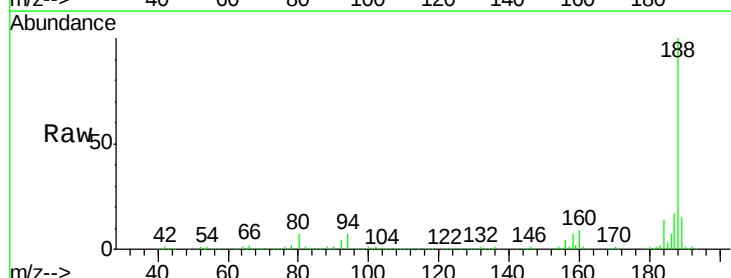


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

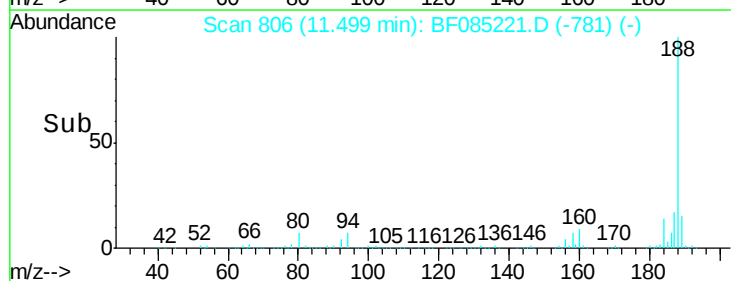
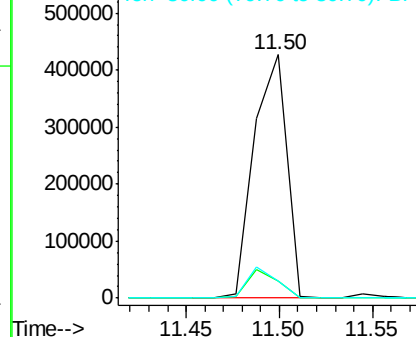


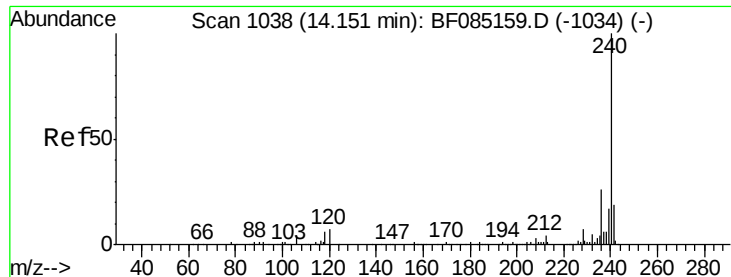
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	7.0	10.6#
80	6.9	7.4	11.0#



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

Instrument :

BNA_F

ClientSampled :

ELP-8

Tot Ion:240 Resp: 361727

Ion Ratio Lower Upper

240 100

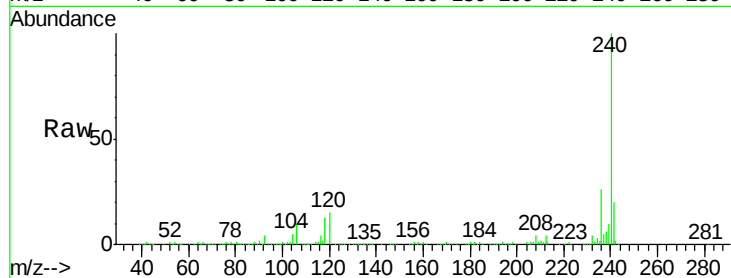
120 14.6 5.3 7.9#

236 26.1 20.7 31.1

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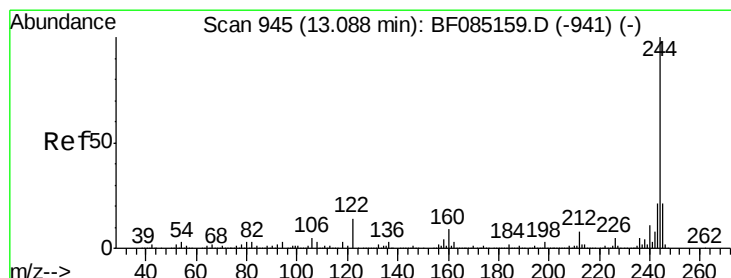
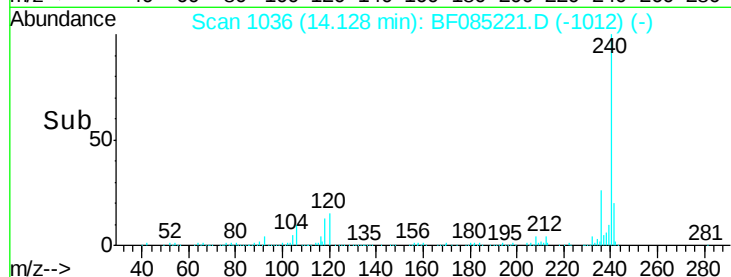
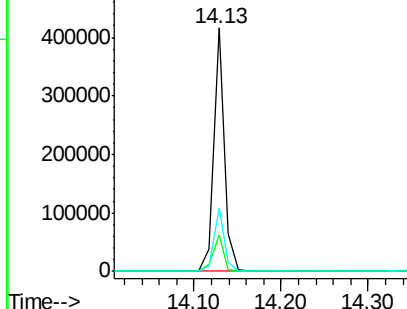
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 88.73 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085221.D

Acq: 4 Mar 2016 23:53

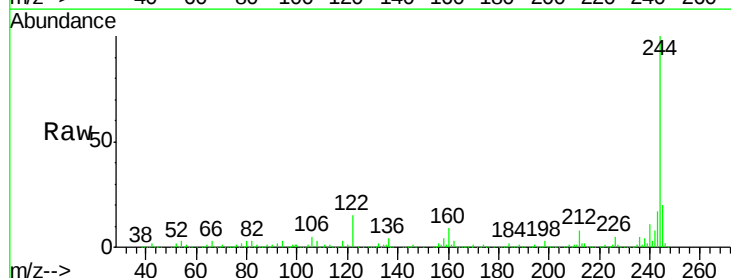
Tgt Ion:244 Resp: 1382602

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

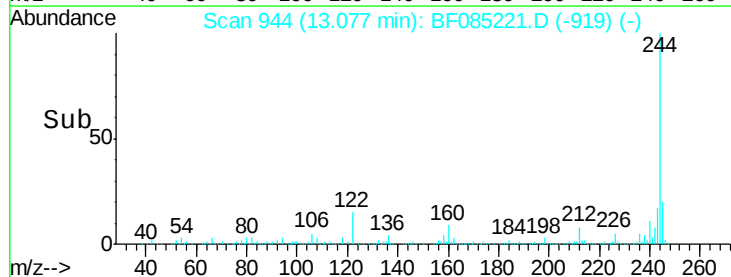
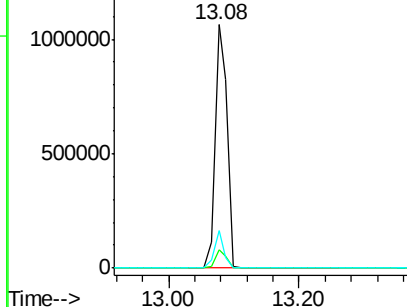
122 15.3 11.4 17.2

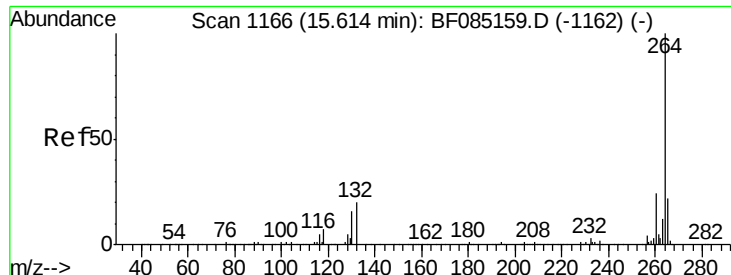


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085221.D
Acq: 4 Mar 2016 23:53

Instrument :
BNA_F
ClientSampleId :
ELP-8

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.3	25.9

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