

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082231.D
 Acq On : 12 Oct 2015 20:44
 Operator : UM/IZ
 Sample : G3990-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB2

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:27:47 PM

Quant Time: Oct 13 02:50:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	59333m	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	243017	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	127370	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	259319	20.00	ng	0.00
75) Chrysene-d12	14.00	240	246254	20.00	ng	-0.01
86) Perylene-d12	15.43	264	181135	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	215177	73.19	ng	0.00
7) Phenol-d6	6.46	99	167779	43.86	ng	-0.01
23) Nitrobenzene-d5	7.41	82	428948	118.53	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	190188	159.22	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	868632	113.10	ng	0.00
78) Terphenyl-d14	12.95	244	982539	105.73	ng	0.00

Target Compounds Qvalue

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

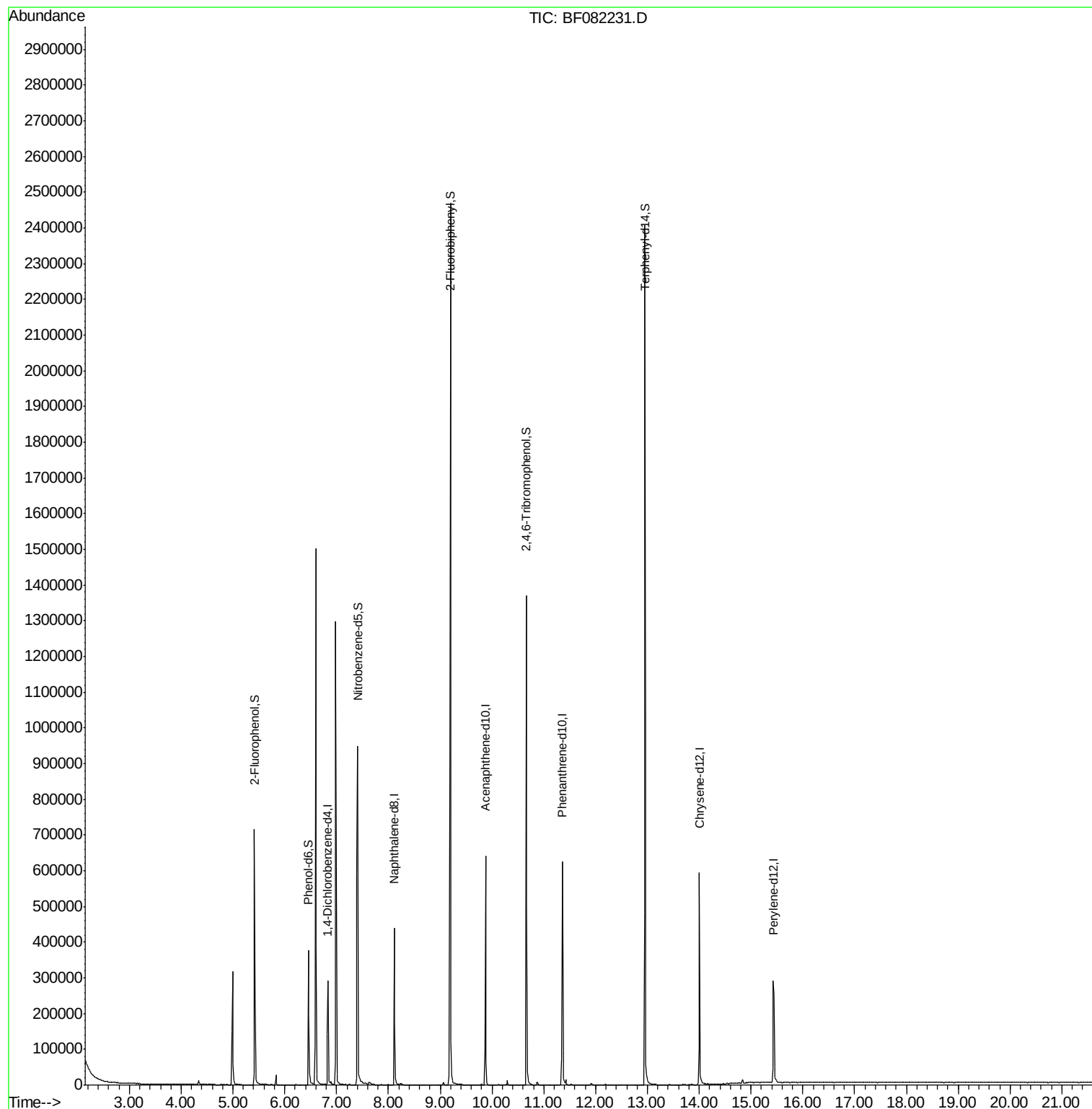
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
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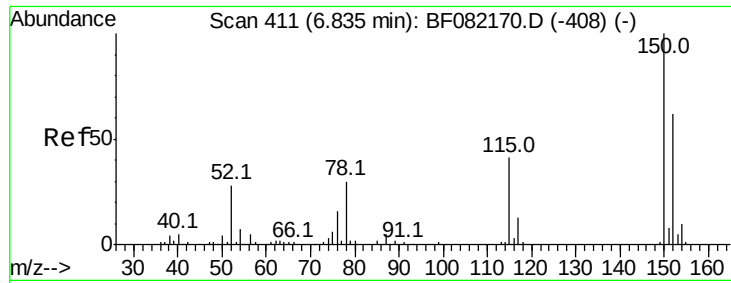
Instrument :
BNA_F
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#1

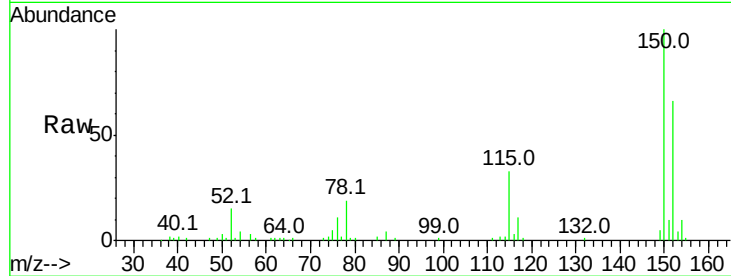
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

Instrument :
BNA_F
ClientSampleID :
FB2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	129.0	193.4
115	50.3	52.1	78.1#

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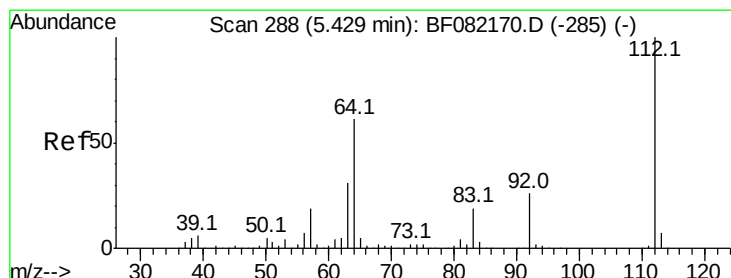
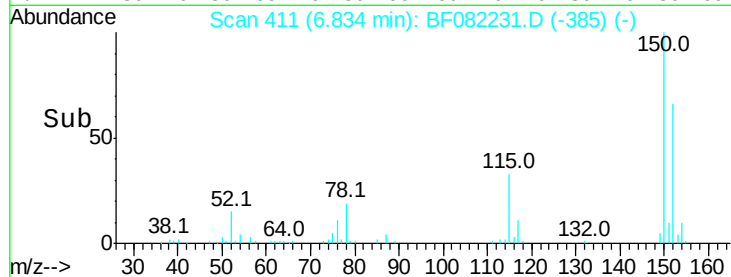
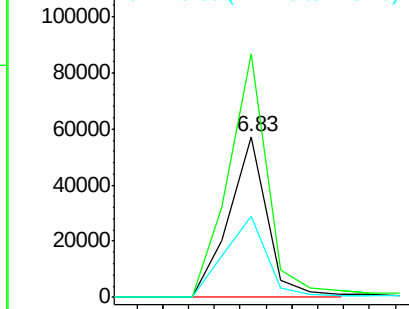


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

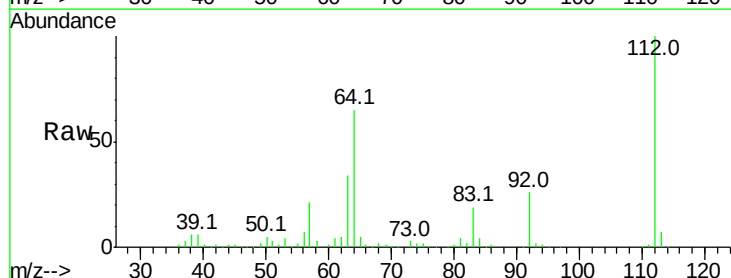
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.19 ng
RT: 5.42 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	48.6	73.0
63	34.1	25.1	37.7

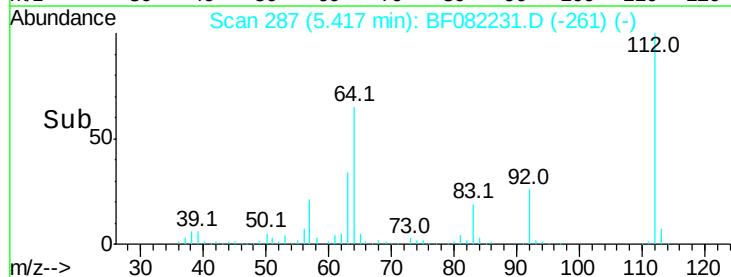
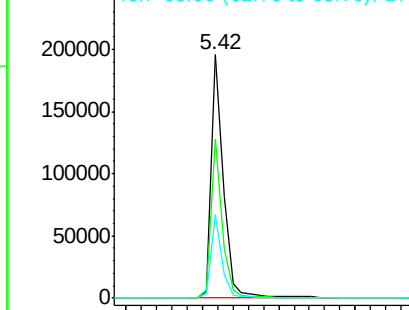


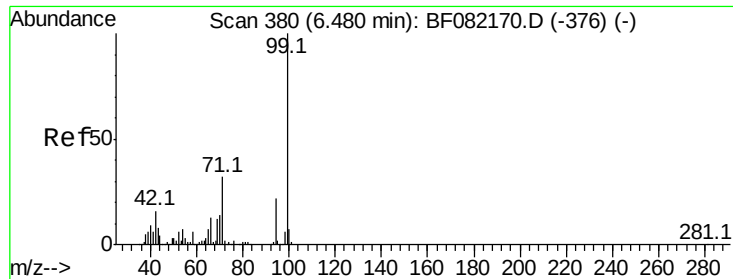
Abundance

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: 43.86 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Instrument :

BNA_F

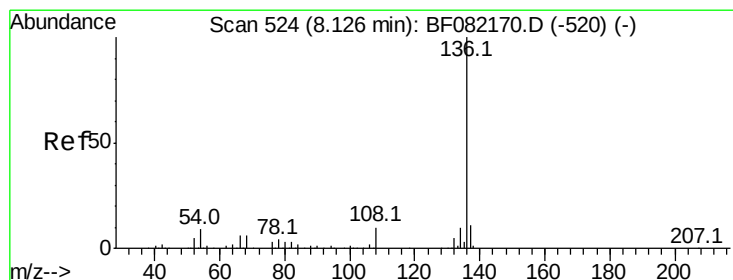
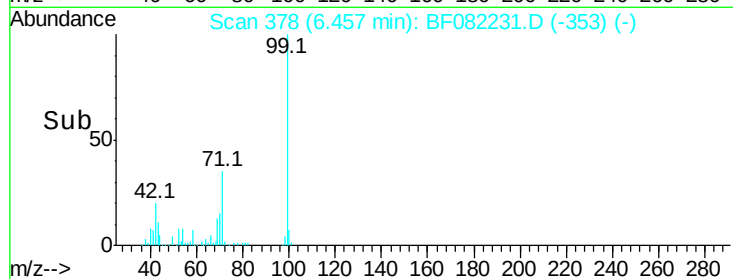
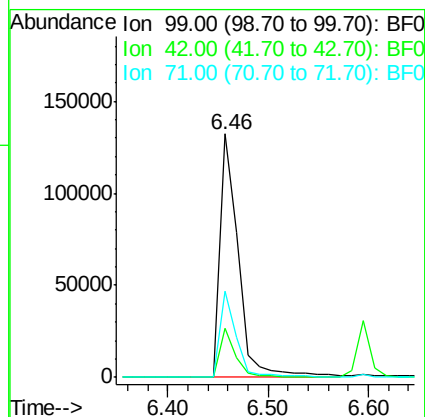
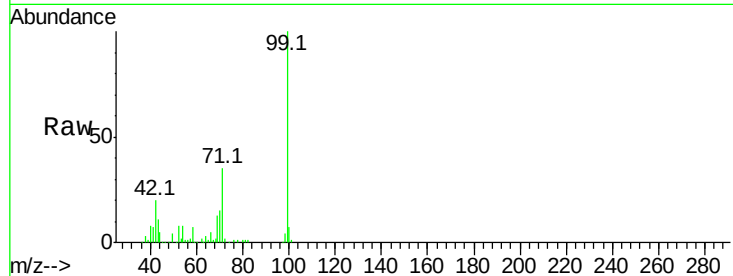
ClientSampleId :

FB2

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Tot Ion	99	Resp	167779
Ion Ratio	Lower	Upper	
99	100		
42	20.0	13.2	19.8#
71	35.2	25.6	38.4



#21

Naphthalene-d8

Concen: 20.00 ng

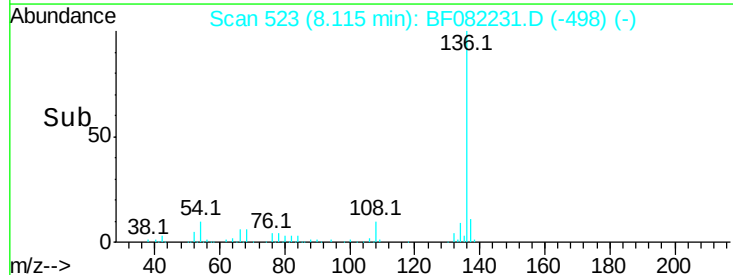
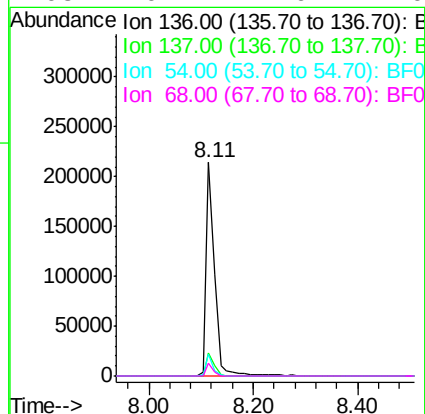
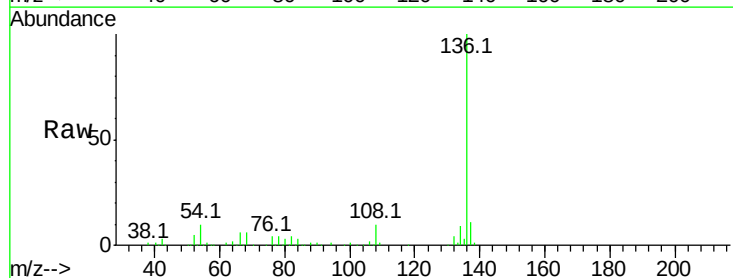
RT: 8.11 min Scan# 523

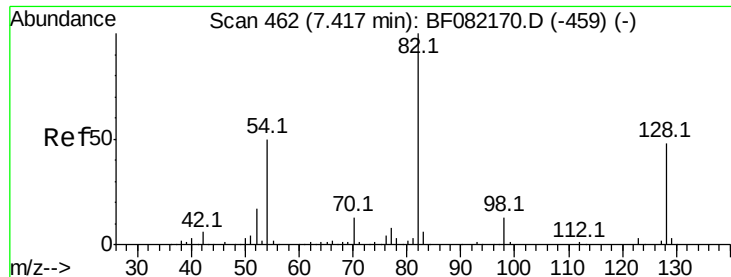
Delta R.T. -0.01 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Tgt Ion	136	Resp	243017
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	10.1	7.5	11.3
68	6.2	4.6	7.0





#23

Nitrobenzene-d5

Concen: 118.53 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Instrument :

BNA_F

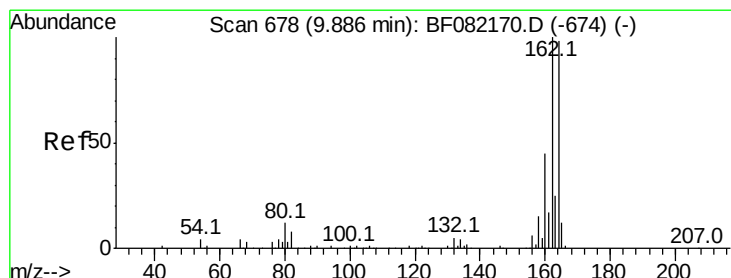
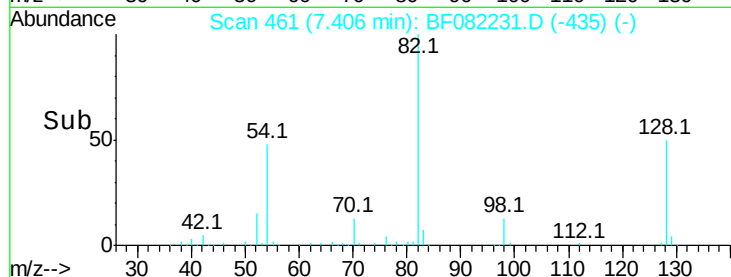
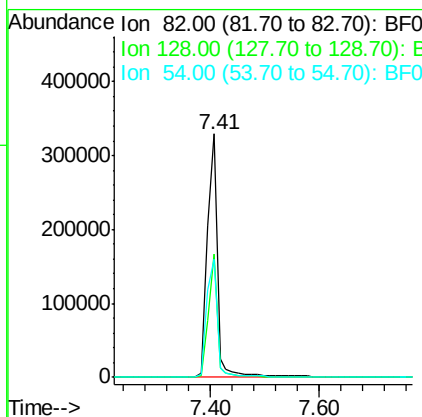
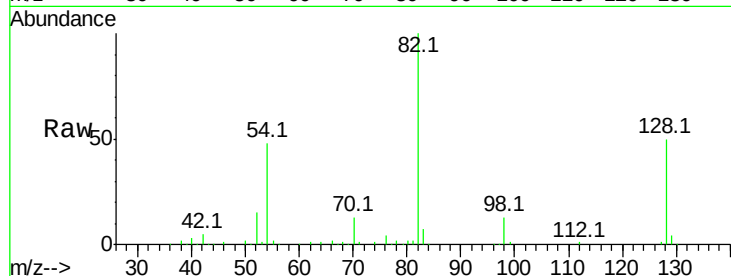
ClientSampled :

FB2

Tot Ion:	82	Resp:	428948
Ion Ratio	Lower	Upper	
82	100		
128	50.4	38.7	58.1
54	48.3	40.1	60.1

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#38

Acenaphthene-d10

Concen: 20.00 ng

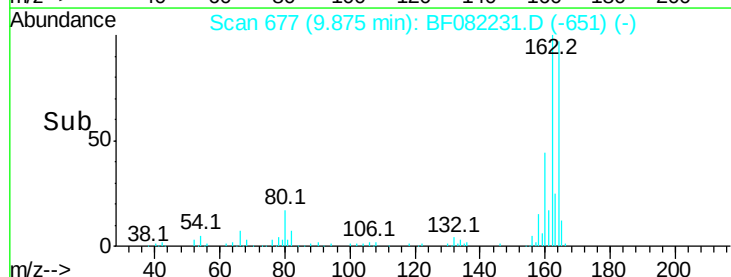
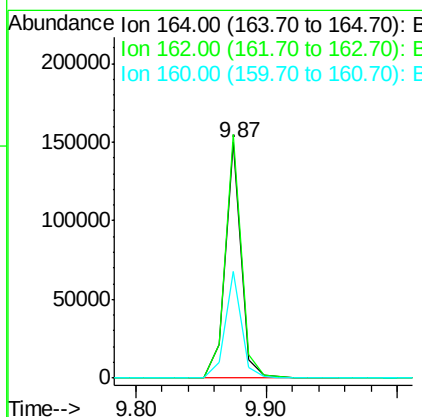
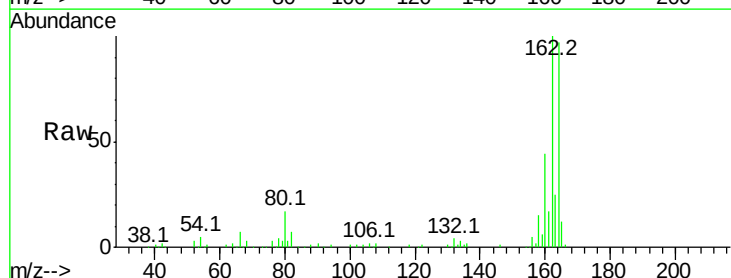
RT: 9.87 min Scan# 677

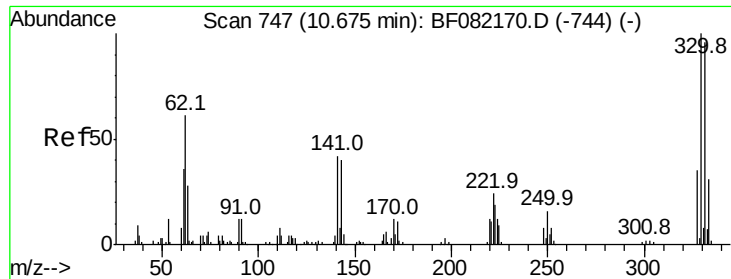
Delta R.T. -0.00 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Tgt Ion:	164	Resp:	127370
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.6	122.4
160	45.2	36.4	54.6





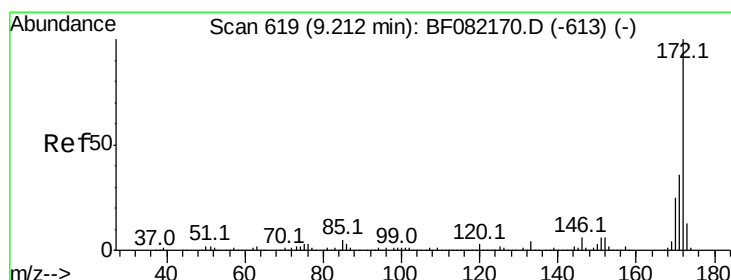
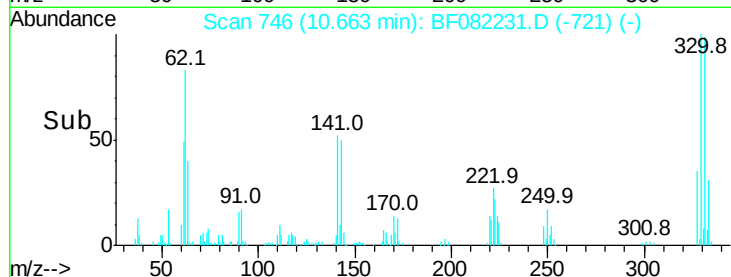
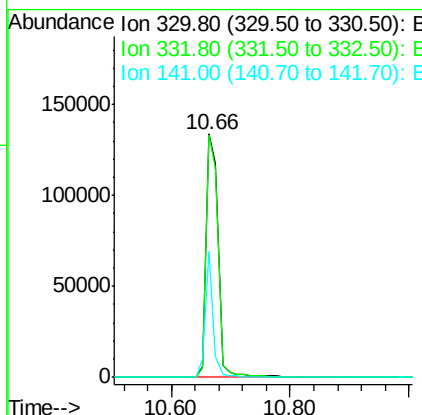
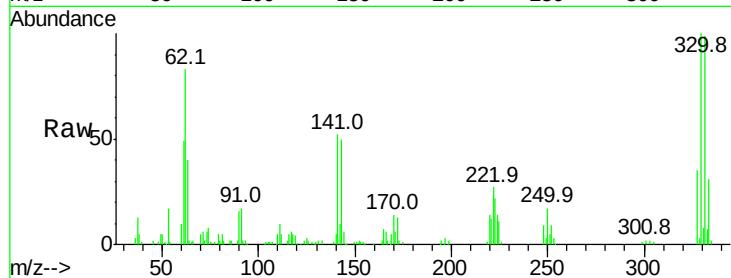
#41
 2,4,6-Tribromophenol
 Concen: 159.22 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082231.D
 Acq: 12 Oct 2015 20:44

Instrument :
 BNA_F
 ClientSampleId :
 FB2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	190188		
332	98.4	77.1	115.7	
141	34.6	29.8	44.8	

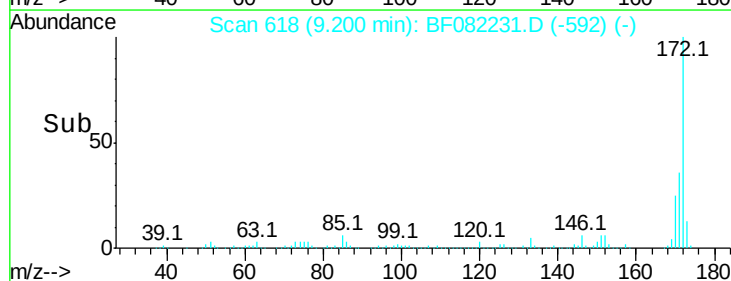
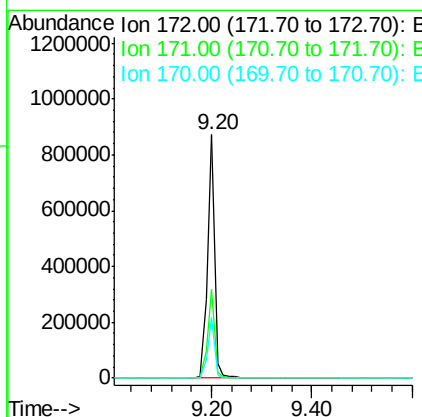
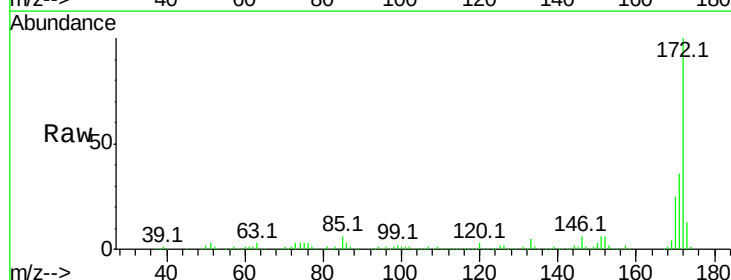
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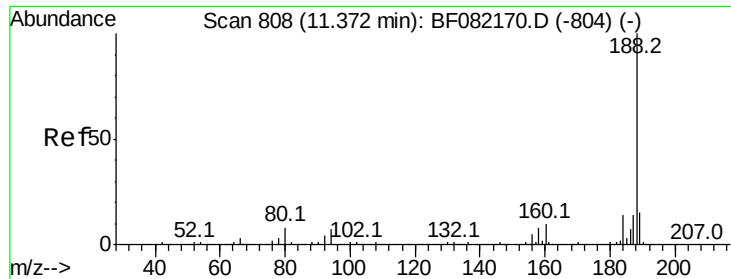
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#44
 2-Fluorobiphenyl
 Concen: 113.10 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082231.D
 Acq: 12 Oct 2015 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	868632		
171	36.5	28.6	42.8	
170	24.8	19.7	29.5	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Instrument :

BNA_F

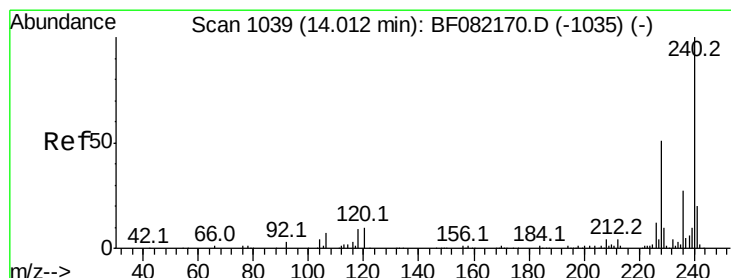
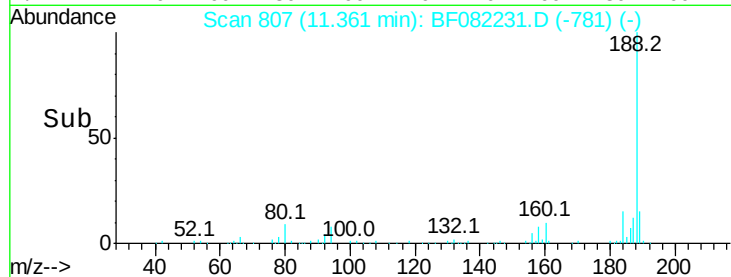
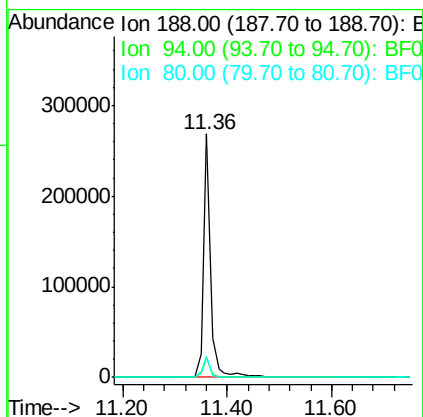
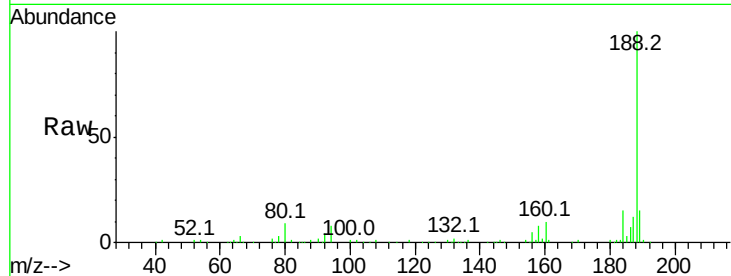
ClientSampleId :

FB2

Tot Ion:188	Resp: 259319
Ion Ratio	Lower Upper
188 100	
94 8.0	5.8 8.6
80 8.7	6.4 9.6

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

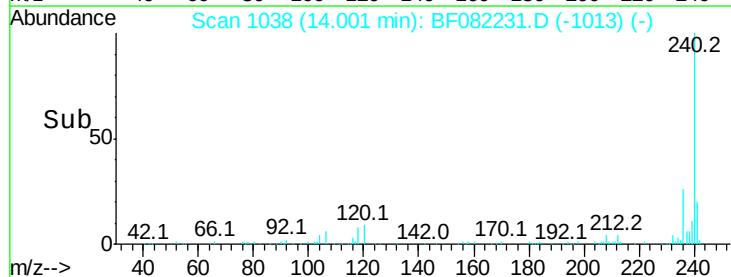
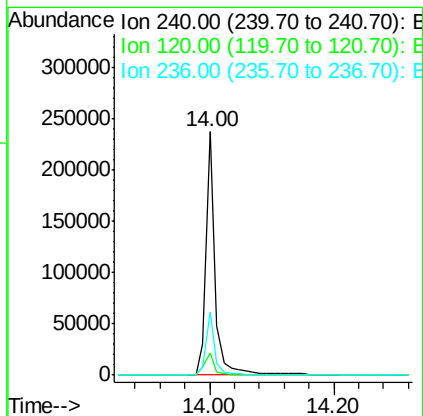
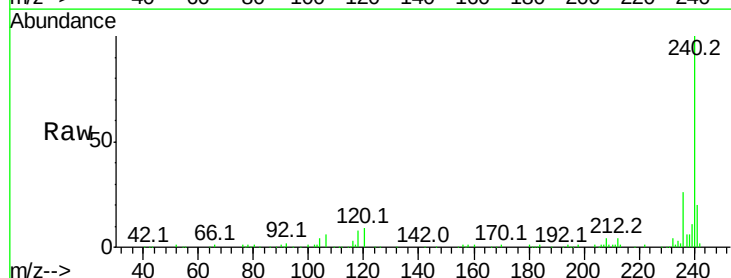
RT: 14.00 min Scan# 1038

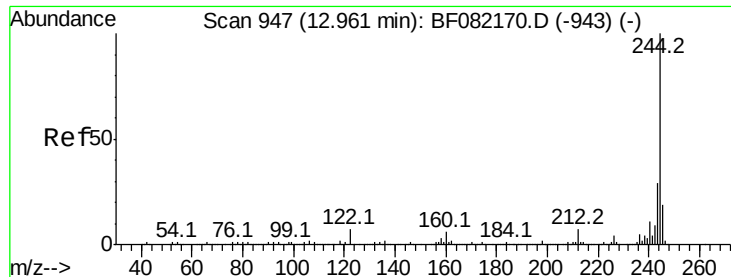
Delta R.T. -0.01 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Tgt Ion:240	Resp: 246254
Ion Ratio	Lower Upper
240 100	
120 9.1	8.1 12.1
236 25.8	21.3 31.9





#78

Terphenyl-d14

Concen: 105.73 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Instrument :

BNA_F

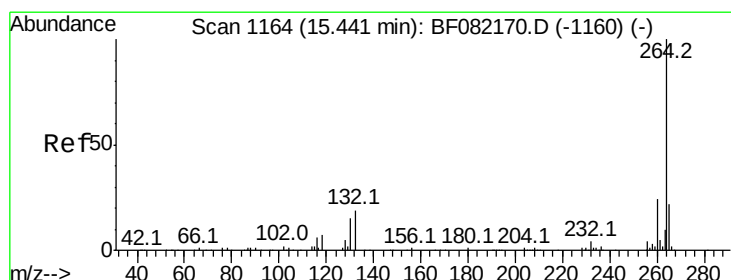
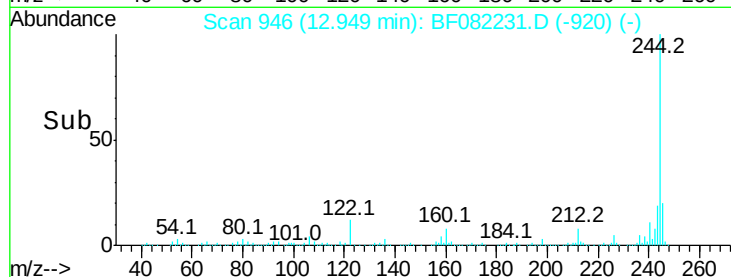
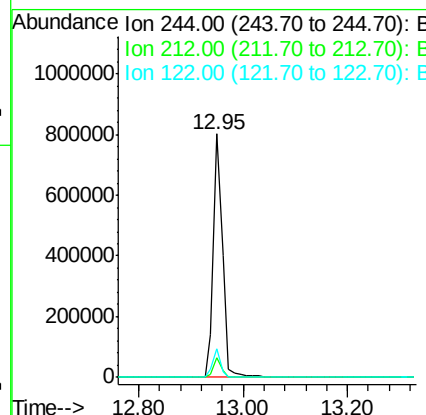
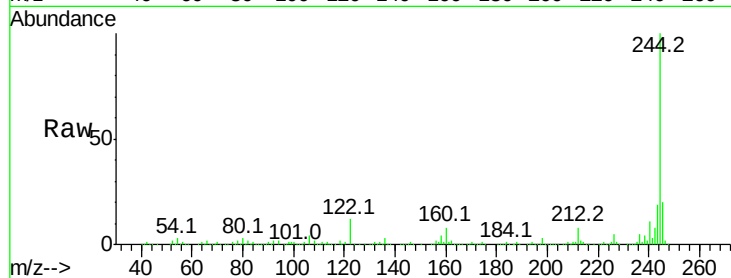
ClientSampled :

FB2

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.9	5.8	8.6	
122	11.8	5.9	8.9	

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.0	19.0	28.6	
265	21.4	17.3	25.9	

