

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082324.D
 Acq On : 16 Oct 2015 14:22
 Operator : UM/IZ
 Sample : G4051-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB1-20151015

Manual Integrations
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 10/19/2015 5:32:06 PM

Quant Time: Oct 17 01:25:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	56992m	20.00	ng	0.02
21) Naphthalene-d8	8.14	136	227446	20.00	ng	0.01
38) Acenaphthene-d10	9.90	164	127831	20.00	ng	0.01
63) Phenanthrene-d10	11.38	188	267445	20.00	ng	0.01
75) Chrysene-d12	14.10	240	299134	20.00	ng	0.03
86) Perylene-d12	15.67	264	252118	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	202914	71.86	ng	0.02
7) Phenol-d6	6.49	99	170934	46.52	ng	0.01
23) Nitrobenzene-d5	7.43	82	347515	102.61	ng	0.01
41) 2,4,6-Tribromophenol	10.69	330	163732	136.58	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	760770	98.70	ng	0.01
78) Terphenyl-d14	12.98	244	865071	76.63	ng	0.02

Target Compounds Qvalue

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

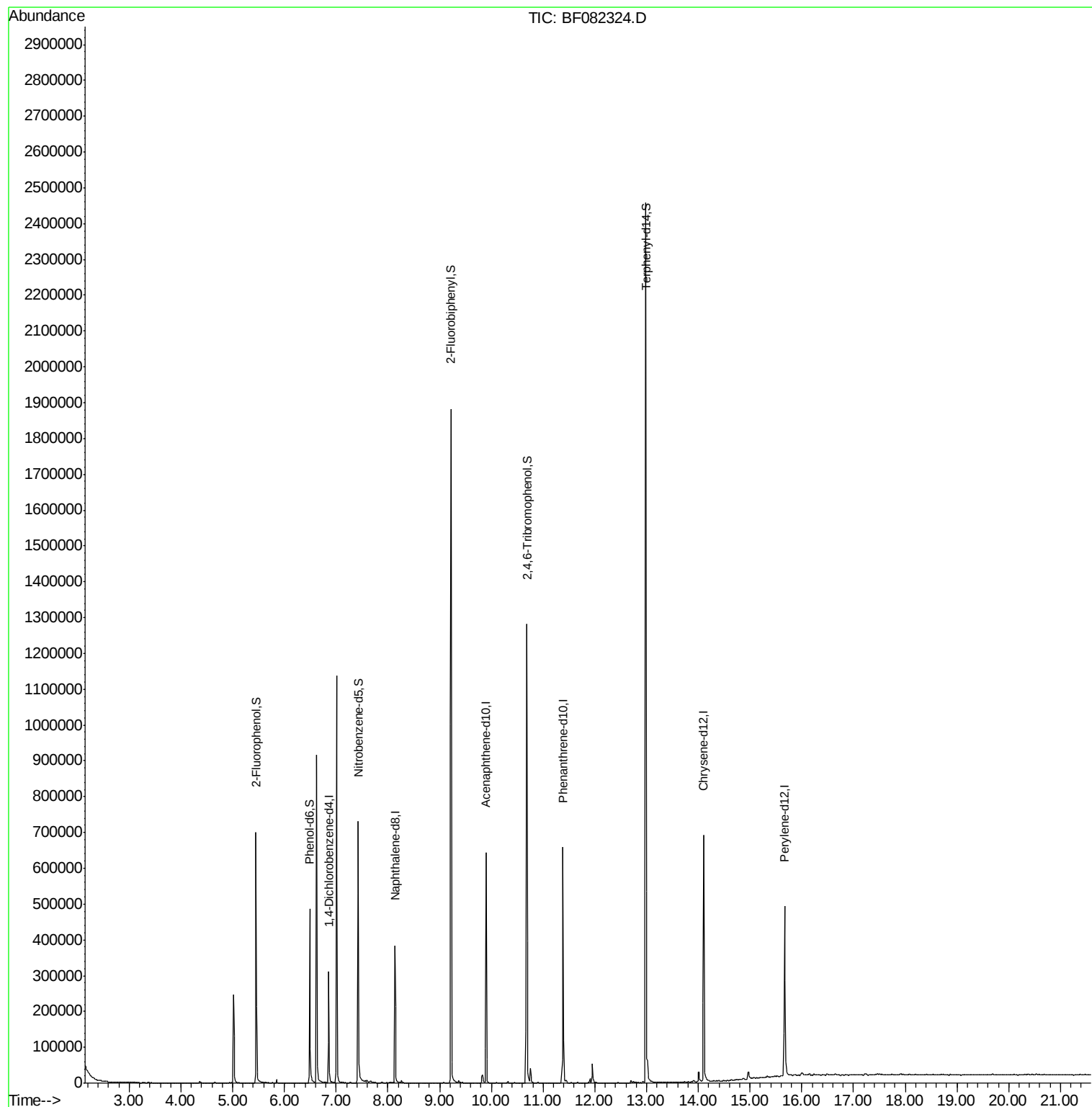
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082324.D
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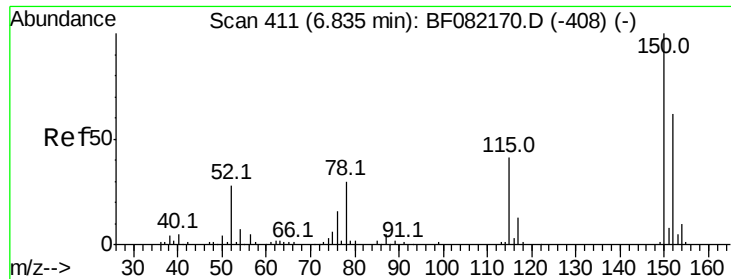
Instrument :
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#1

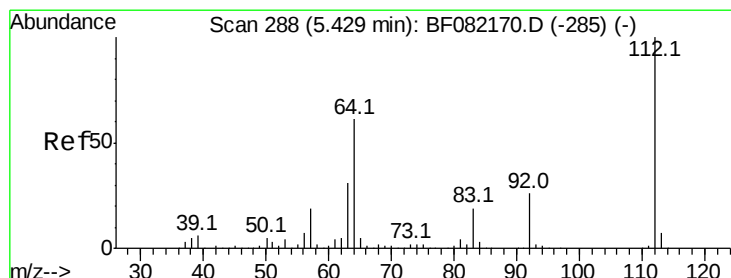
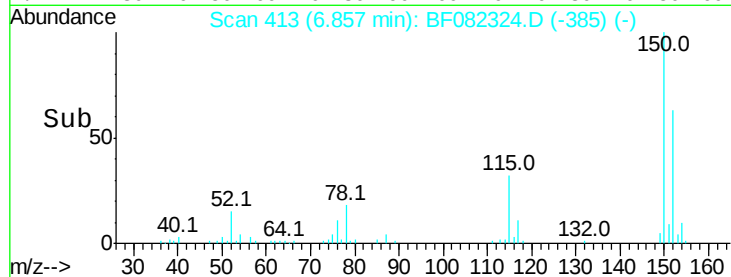
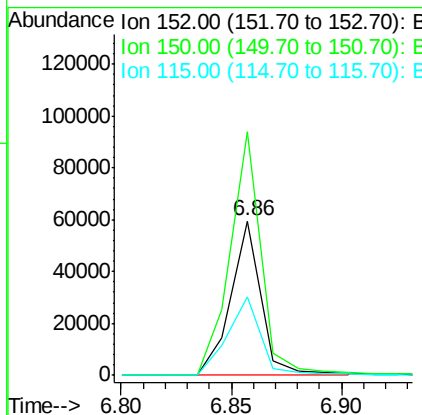
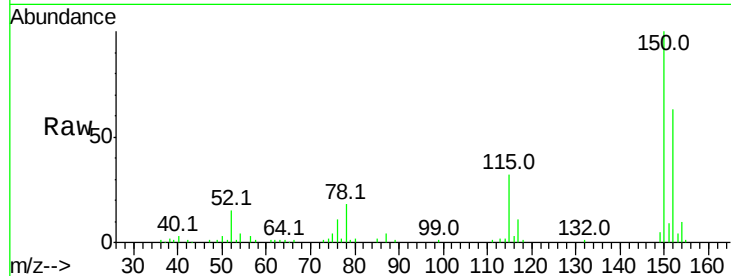
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.86 min Scan# 413
Delta R.T. 0.02 min
Lab File: BF082324.D
Acq: 16 Oct 2015 14:22

Instrument :
BNA_F
ClientSampleId :
FB1-20151015

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	129.0	193.4
115	51.0	52.1	78.1#

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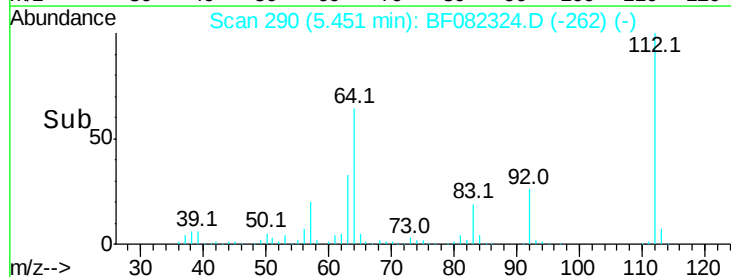
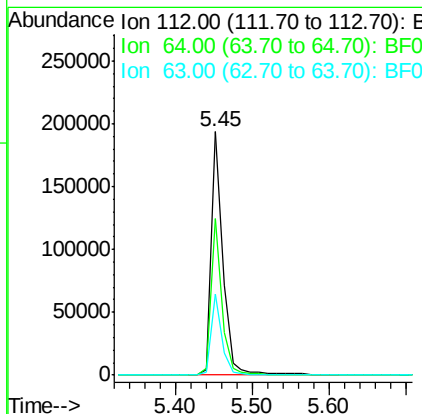
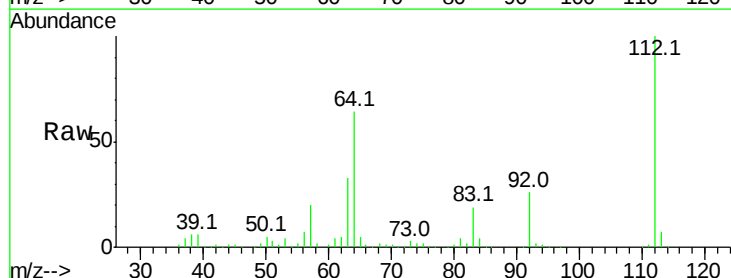
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#5

2-Fluorophenol
Concen: 71.86 ng
RT: 5.45 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF082324.D
Acq: 16 Oct 2015 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	48.6	73.0
63	33.5	25.1	37.7





#7

Phenol-d6

Concen: 46.52 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF082324.D

Acq: 16 Oct 2015 14:22

Instrument :

BNA_F

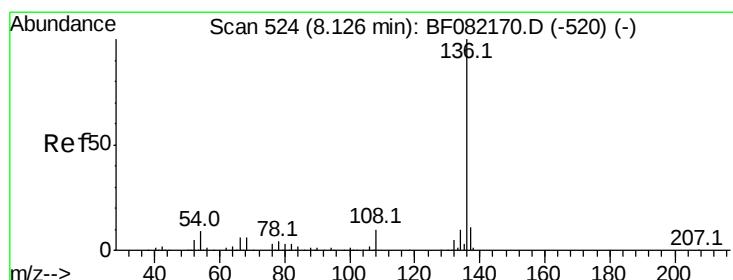
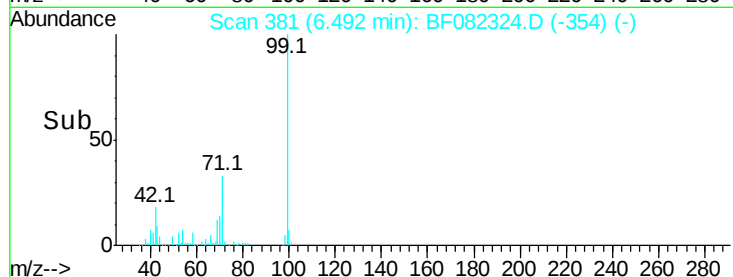
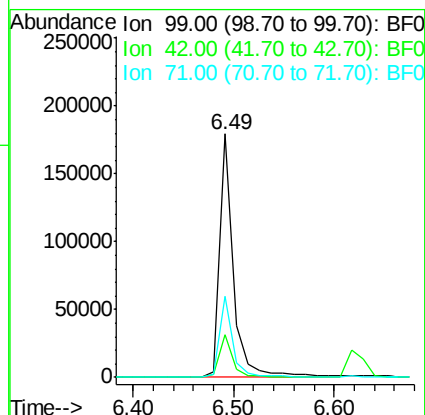
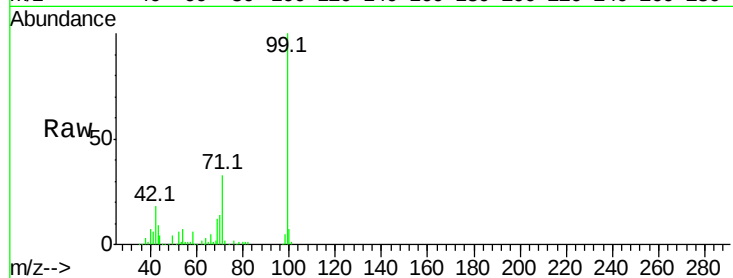
ClientSampleId :

FB1-20151015

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		170934		
42	17.5	13.2	19.8		
71	33.3	25.6	38.4		

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#21

Naphthalene-d8

Concen: 20.00 ng

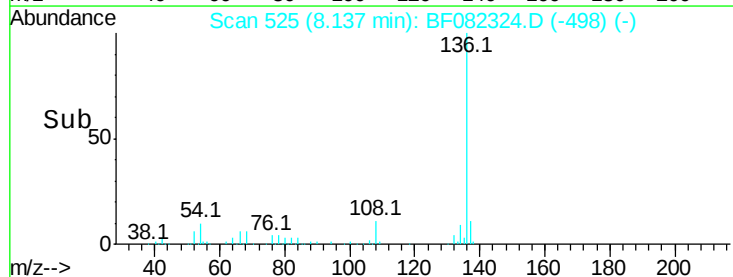
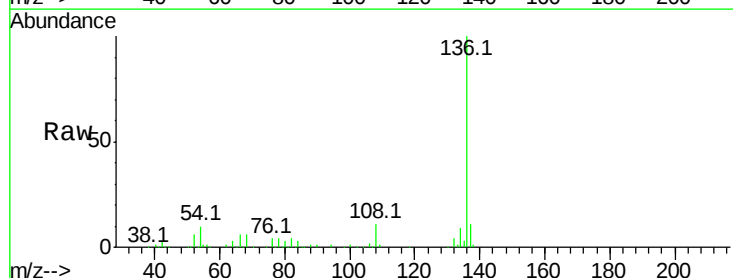
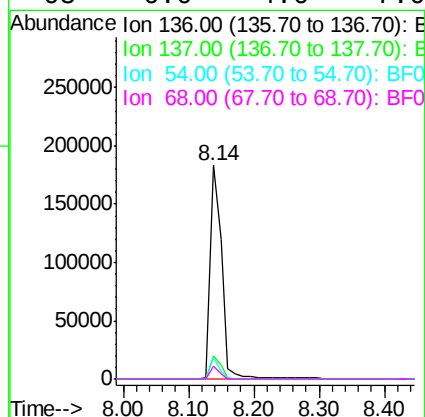
RT: 8.14 min Scan# 525

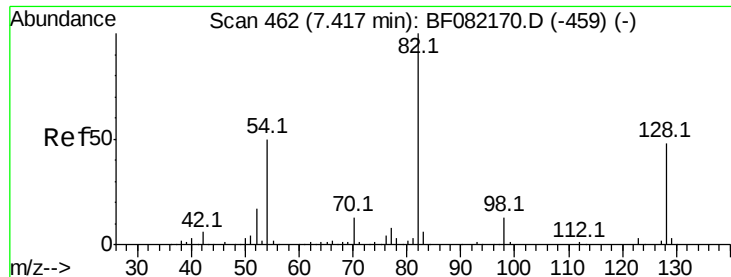
Delta R.T. 0.01 min

Lab File: BF082324.D

Acq: 16 Oct 2015 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		227446		
137	10.7	9.0	13.6		
54	10.5	7.5	11.3		
68	6.0	4.6	7.0		





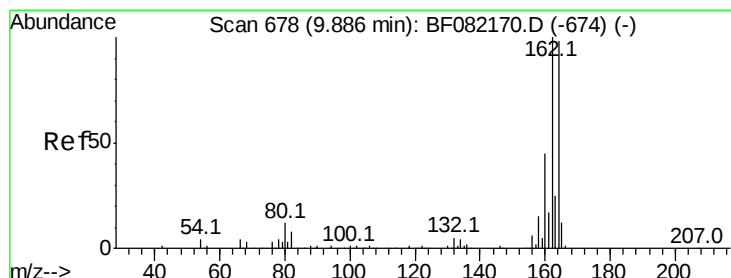
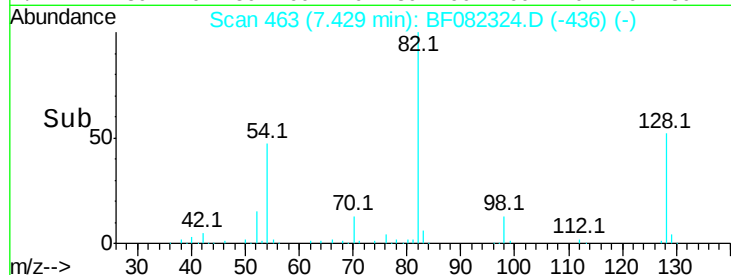
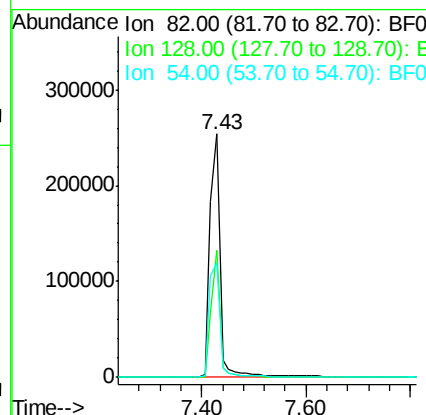
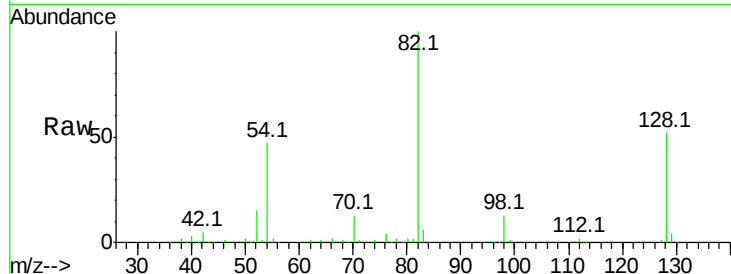
#23
Nitrobenzene-d5
Concen: 102.61 ng
RT: 7.43 min Scan# 463
Delta R.T. 0.01 min
Lab File: BF082324.D
Acq: 16 Oct 2015 14:22

Instrument :
BNA_F
ClientSampleId :
FB1-20151015

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.5	38.7	58.1	
54	46.8	40.1	60.1	

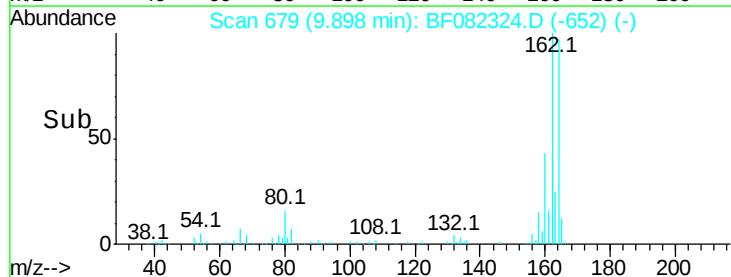
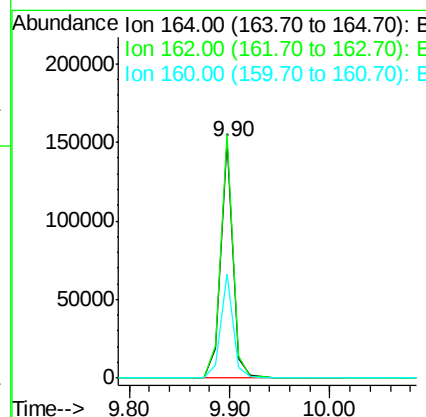
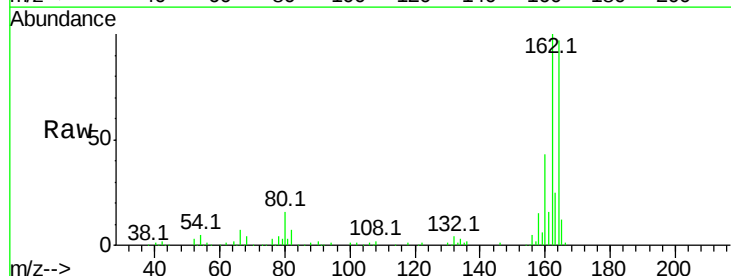
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF082324.D
Acq: 16 Oct 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	81.6	122.4	
160	44.2	36.4	54.6	





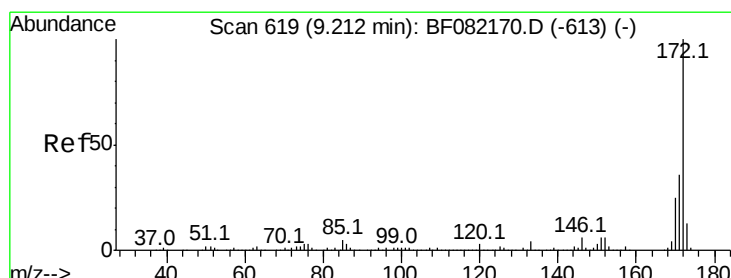
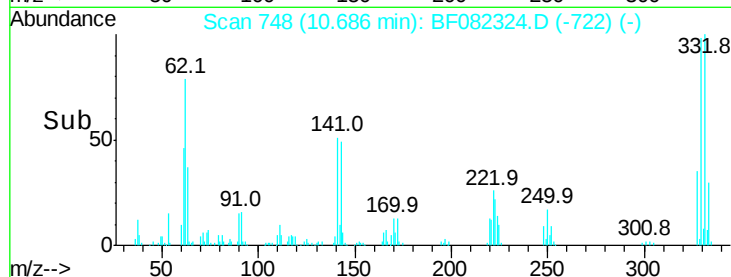
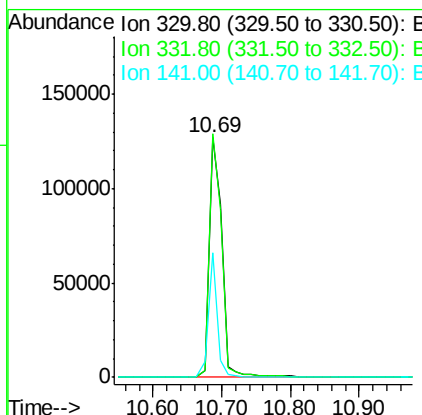
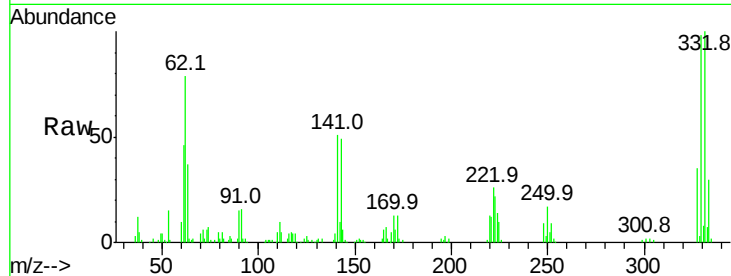
#41
 2,4,6-Tribromophenol
 Concen: 136.58 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF082324.D
 Acq: 16 Oct 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 FB1-20151015

Tot Ion	Ratio	Resp	Lower	Upper
330	100	163732		
332	99.7	77.1	115.7	
141	36.4	29.8	44.8	

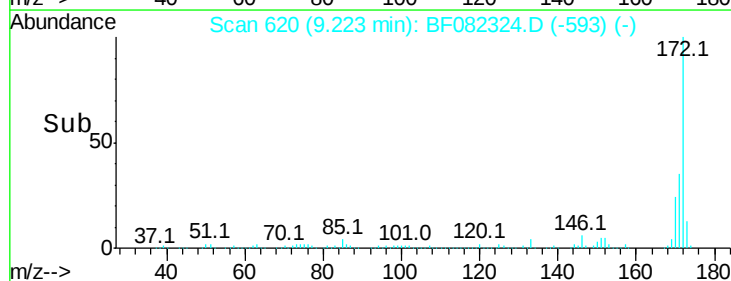
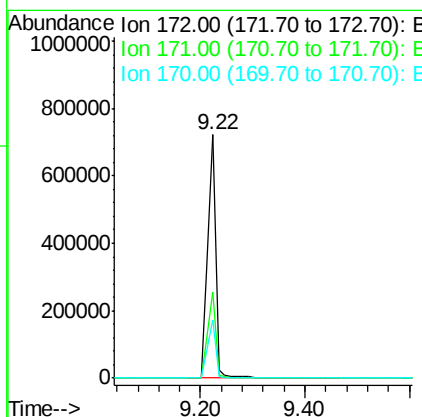
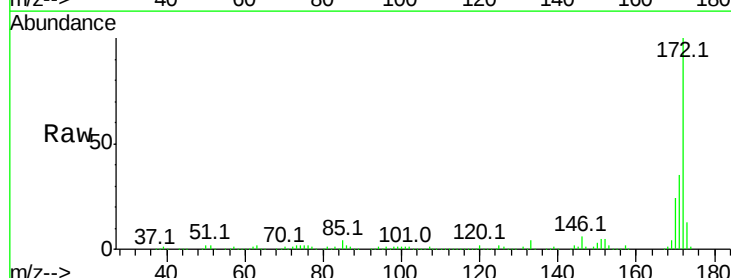
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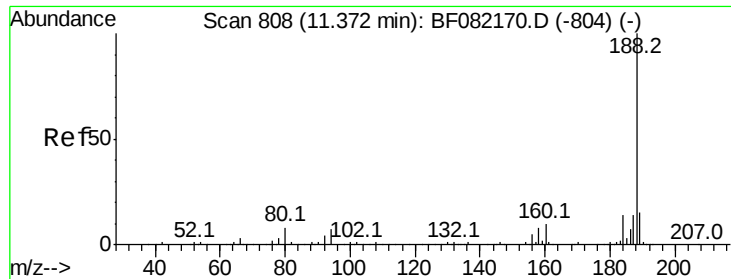
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#44
 2-Fluorobiphenyl
 Concen: 98.70 ng
 RT: 9.22 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082324.D
 Acq: 16 Oct 2015 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	760770		
171	35.3	28.6	42.8	
170	23.7	19.7	29.5	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF082324.D

Acq: 16 Oct 2015 14:22

Instrument :

BNA_F

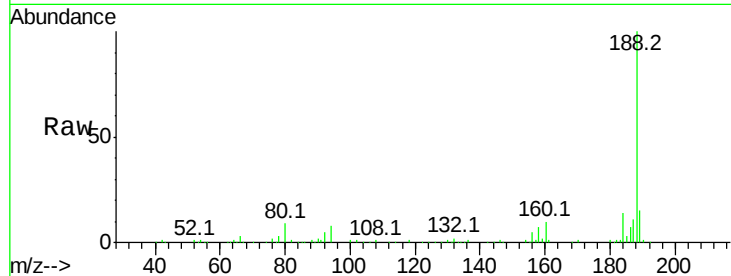
ClientSampleId :

FB1-20151015

Tot Ion:	188	Resp:	267445
Ion Ratio	Lower	Upper	
188	100		
94	8.1	5.8	8.6
80	8.8	6.4	9.6

Manual Integrations
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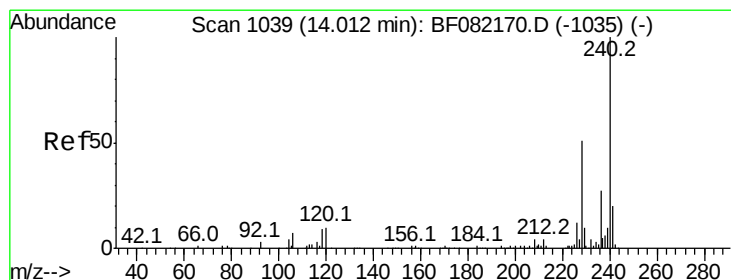
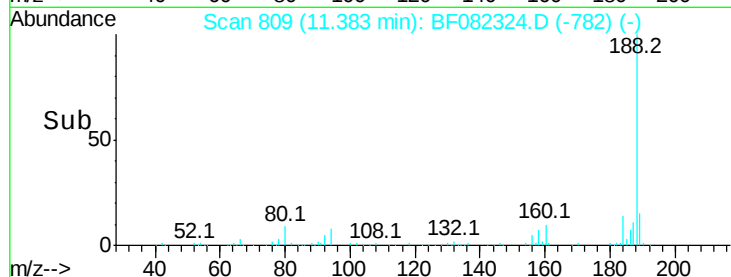
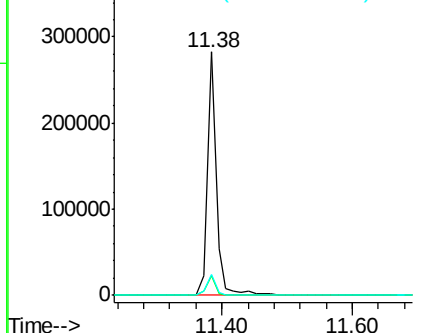
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Abundance Ion 188.00 (187.70 to 188.70): E

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

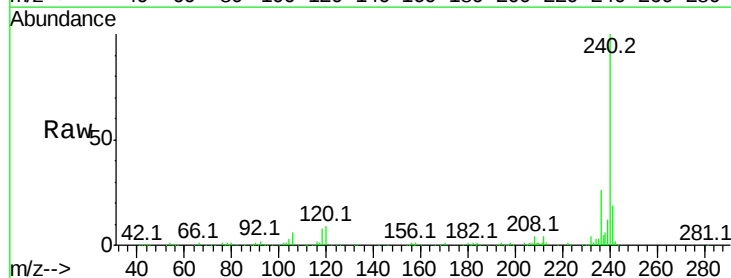
RT: 14.10 min Scan# 1047

Delta R.T. 0.03 min

Lab File: BF082324.D

Acq: 16 Oct 2015 14:22

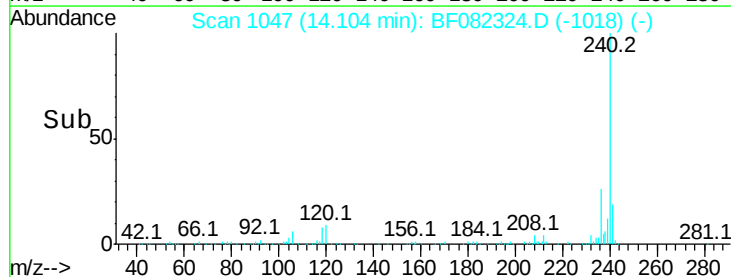
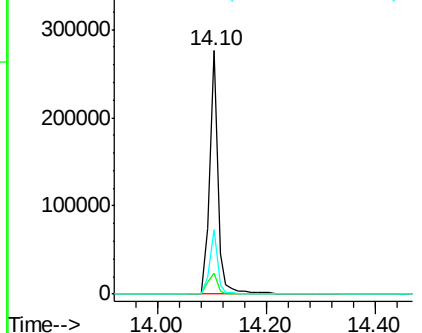
Tgt Ion:	240	Resp:	299134
Ion Ratio	Lower	Upper	
240	100		
120	8.8	8.1	12.1
236	26.5	21.3	31.9

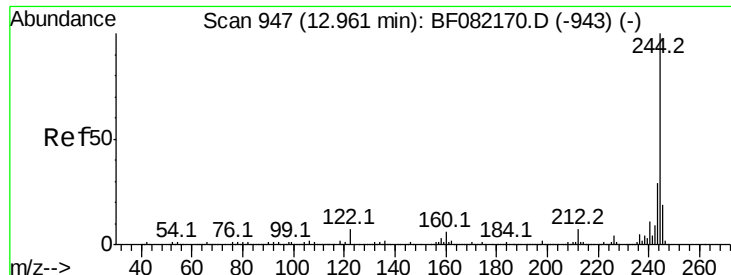


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





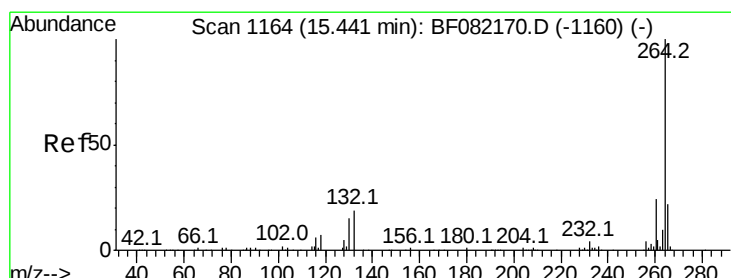
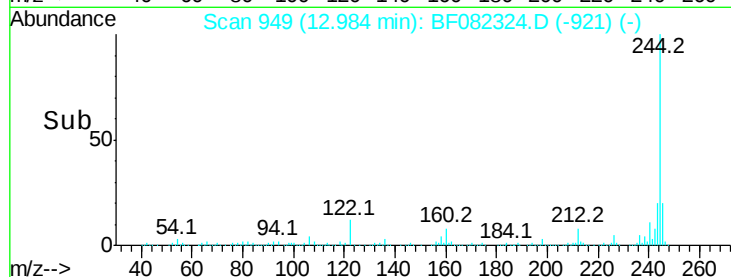
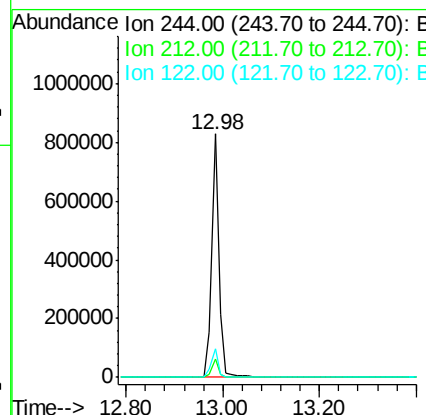
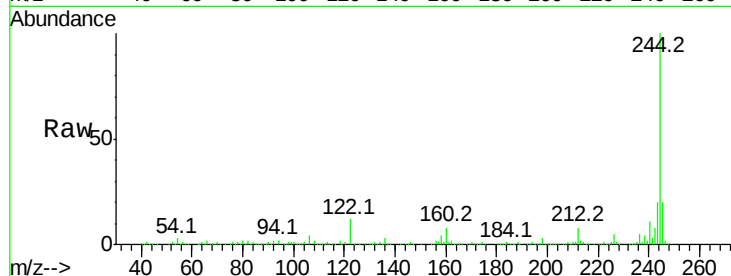
#78
 Terphenyl-d14
 Concen: 76.63 ng
 RT: 12.98 min Scan# 949
 Delta R.T. 0.02 min
 Lab File: BF082324.D
 Acq: 16 Oct 2015 14:22

Instrument :
 BNA_F
 ClientSampleId :
 FB1-20151015

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	11.6	5.9	8.9

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.67 min Scan# 1184
 Delta R.T. 0.08 min
 Lab File: BF082324.D
 Acq: 16 Oct 2015 14:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.7	17.3	25.9

