

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080835.D
 Acq On : 4 Aug 2015 10:46
 Operator : TP
 Sample : G3145-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-B

Manual Integrations
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MMDadoda
 8/5/2015 2:29:33 PM

Quant Time: Aug 04 12:23:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	166788	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	551115	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	220240	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	348738	20.00	ng	0.00
75) Chrysene-d12	13.97	240	360946	20.00	ng	-0.01
86) Perylene-d12	15.39	264	331333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1387631	138.71	ng	0.01
7) Phenol-d6	6.46	99	1747630	129.87	ng	0.00
23) Nitrobenzene-d5	7.40	82	1287018	115.24	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	292984	138.82	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1654909	113.58	ng	0.00
78) Terphenyl-d14	12.93	244	1094273	60.42	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	195133	13.26	ng	99
70) Phenanthrene	11.37	178	53029	2.92	ng	97
74) Fluoranthene	12.56	202	123225	7.09	ng	94
77) Pyrene	12.79	202	125975	4.71	ng	96
80) Benzo(a)anthracene	13.96	228	89232	4.33	ng	95
82) Chrysene	14.00	228	66213m	3.31	ng	
87) Benzo(b)fluoranthene	14.99	252	85168m	4.39	ng	
89) Benzo(a)pyrene	15.33	252	59300	3.59	ng	# 92
91) Benzo(g,h,i)perylene	17.17	276	33621	2.01	ng	# 91

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

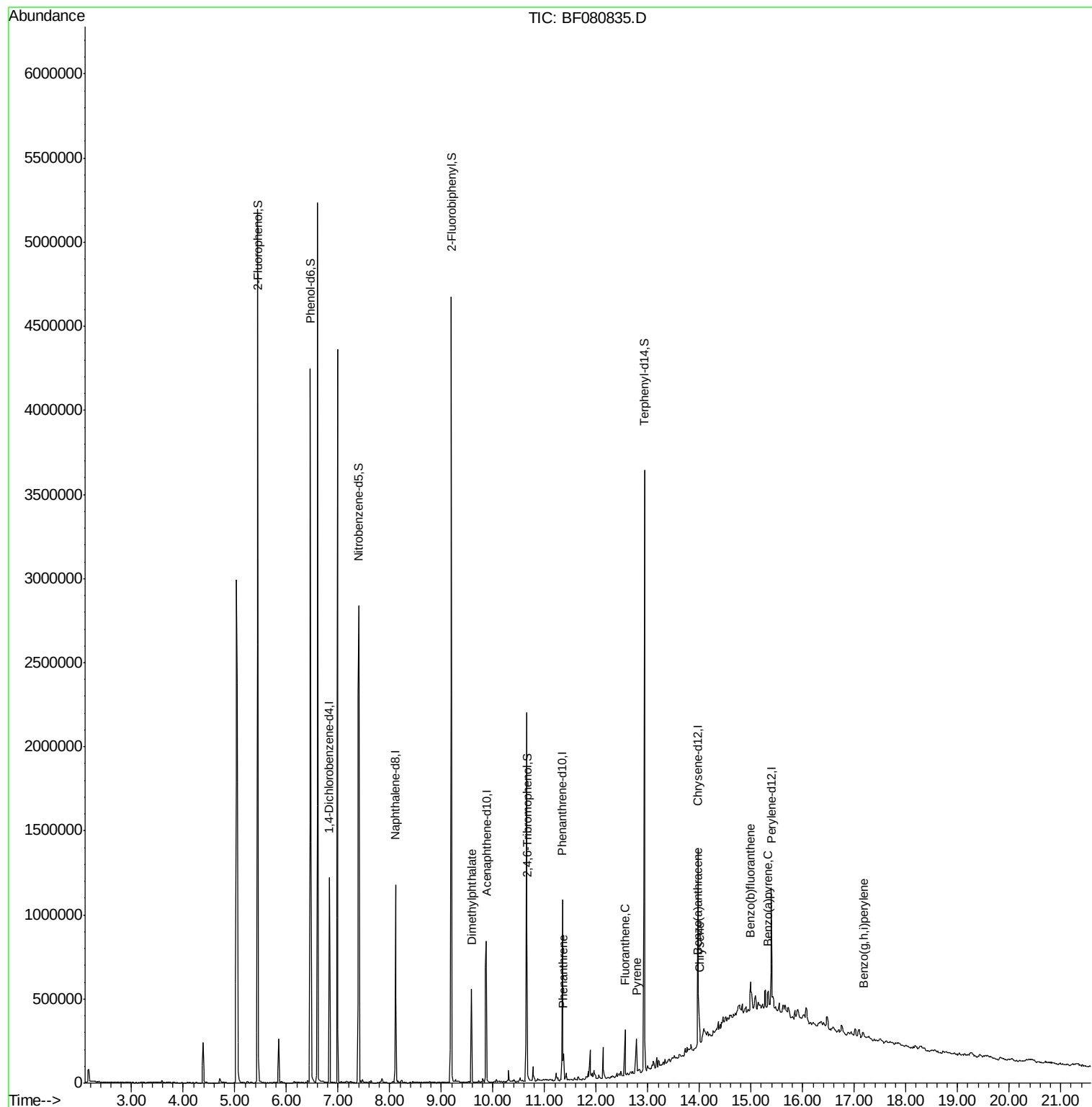
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080835.D
Acq On : 4 Aug 2015 10:46
Operator : TP
Sample : G3145-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

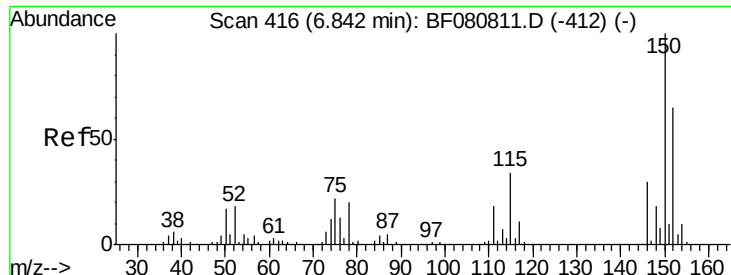
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

Manual Integrations
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Quant Time: Aug 04 12:23:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
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Response via : Initial Calibration

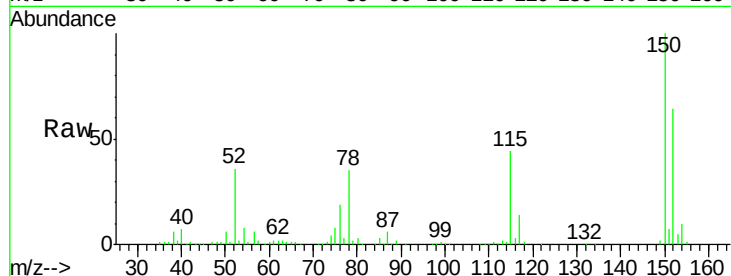




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080835.D
Acq: 4 Aug 2015 10:46

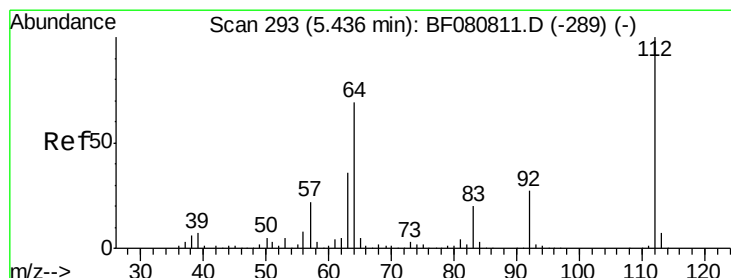
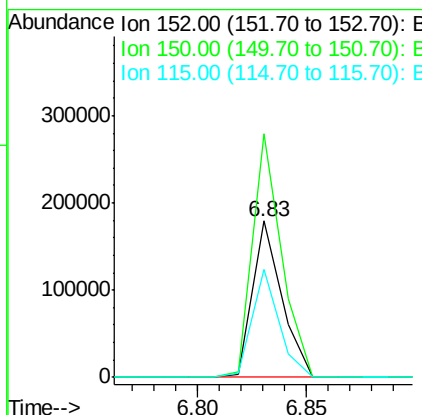
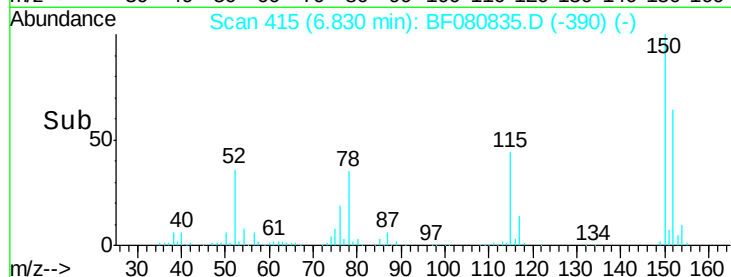
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	166788		
150	155.6	122.9	184.3	
115	68.8	42.0	63.0#	

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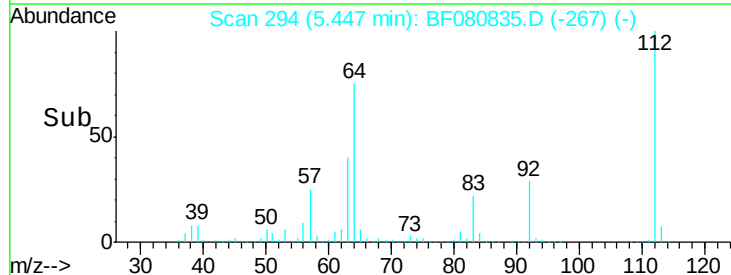
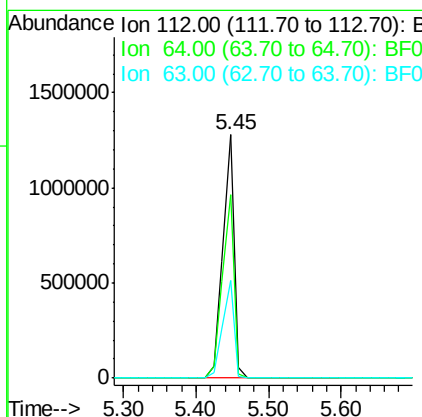
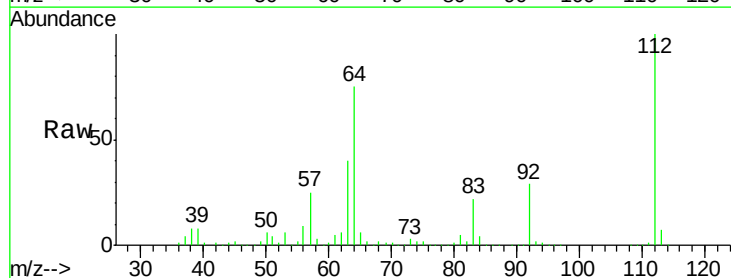
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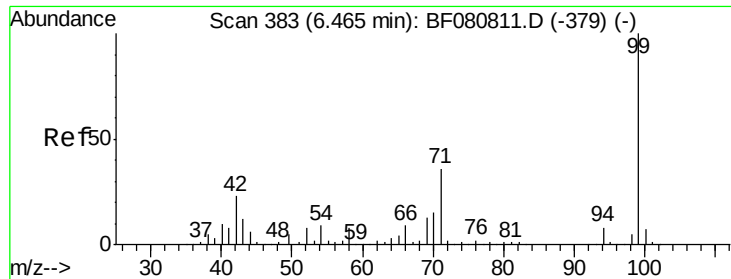


#5

2-Fluorophenol
Concen: 138.71 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF080835.D
Acq: 4 Aug 2015 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1387631		
64	75.5	55.0	82.4	
63	40.2	28.6	42.8	





#7

Phenol-d6

Concen: 129.87 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

Tgt Ion: 99 Resp: 1747630

Ion Ratio Lower Upper

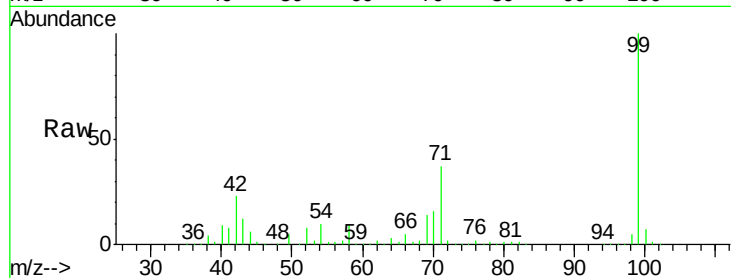
99 100

42 22.9 18.4 27.6

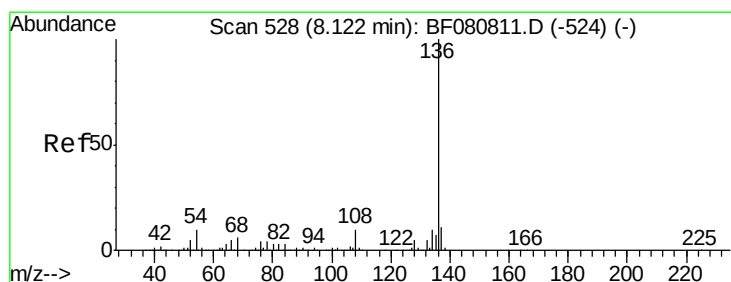
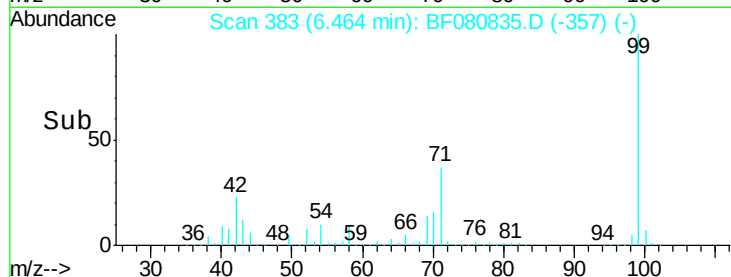
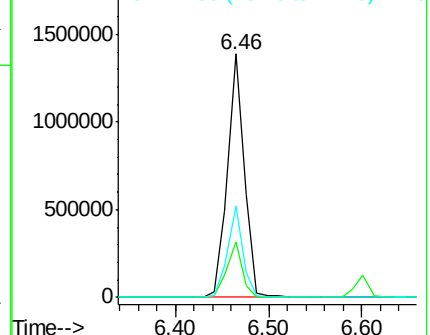
71 37.3 28.7 43.1

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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: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Tgt Ion: 136 Resp: 551115

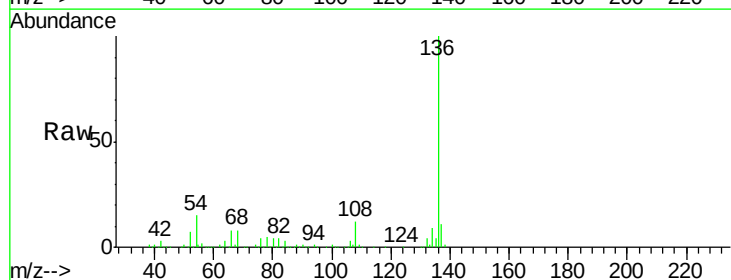
Ion Ratio Lower Upper

136 100

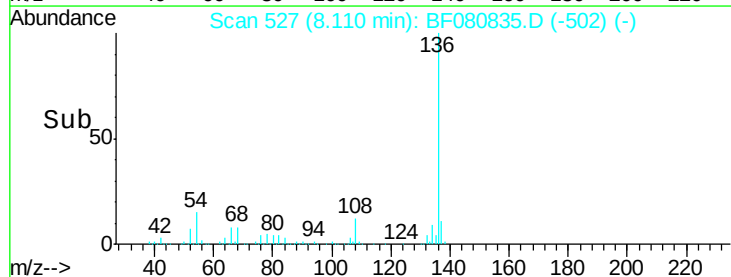
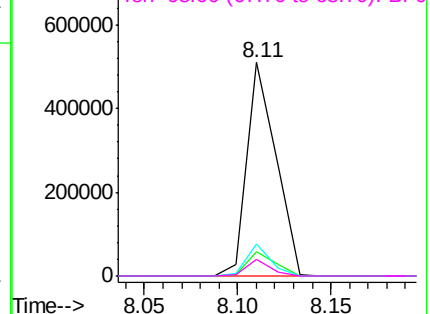
137 11.2 8.8 13.2

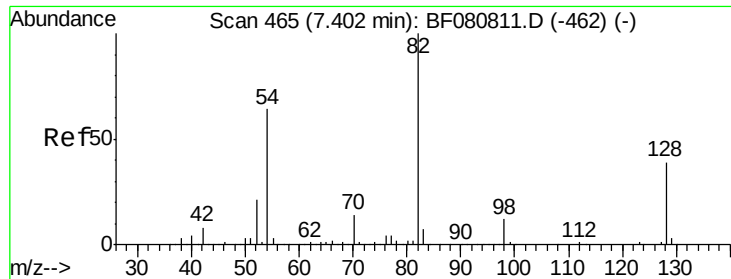
54 14.8 7.9 11.9#

68 8.0 4.4 6.6#



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





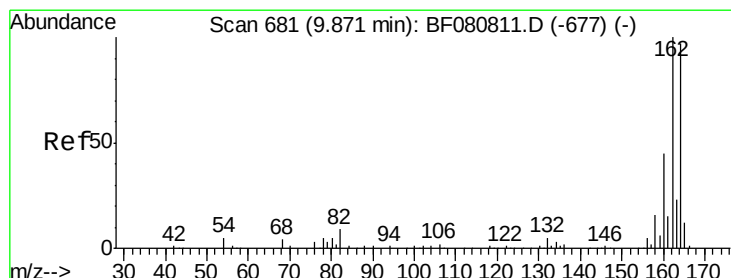
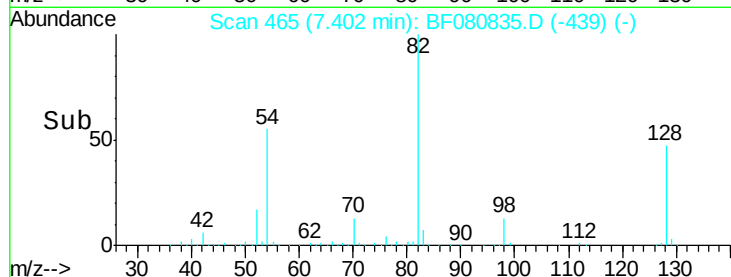
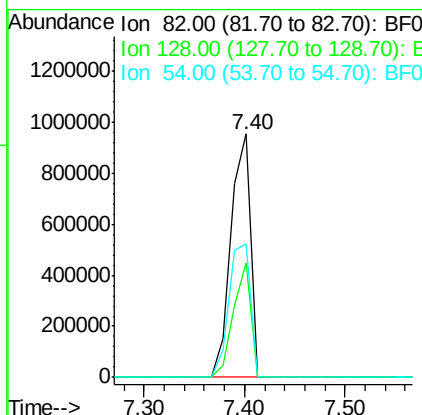
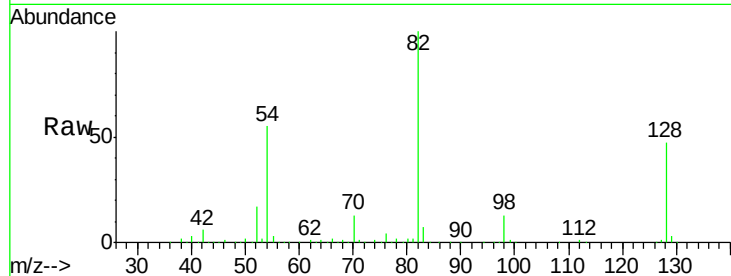
#23
 Nitrobenzene-d5
 Concen: 115.24 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080835.D
 Acq: 4 Aug 2015 10:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-B

Tgt Ion: 82 Resp: 1287018
 Ion Ratio Lower Upper
 82 100
 128 46.8 31.4 47.0
 54 54.7 51.0 76.4

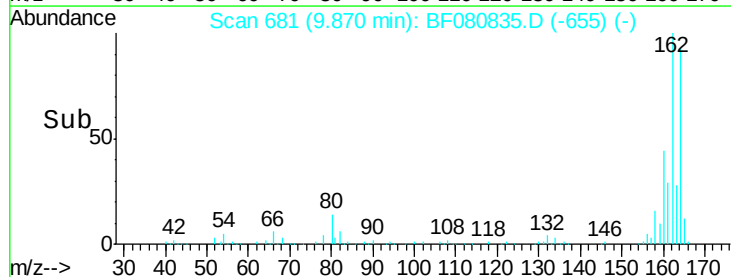
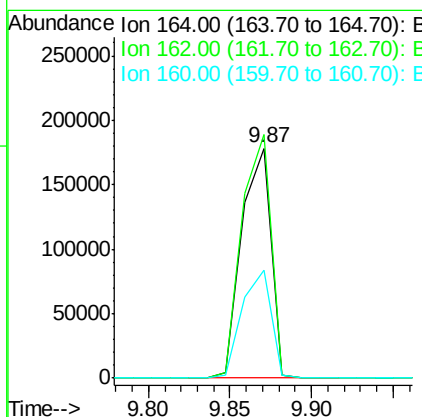
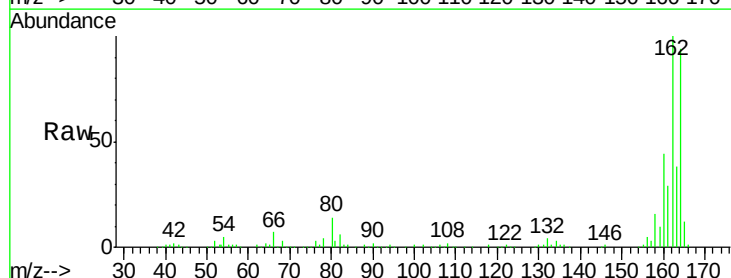
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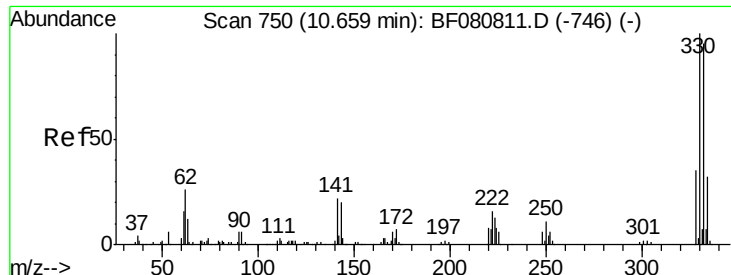
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080835.D
 Acq: 4 Aug 2015 10:46

Tgt Ion: 164 Resp: 220240
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.3 123.5
 160 47.1 37.3 55.9





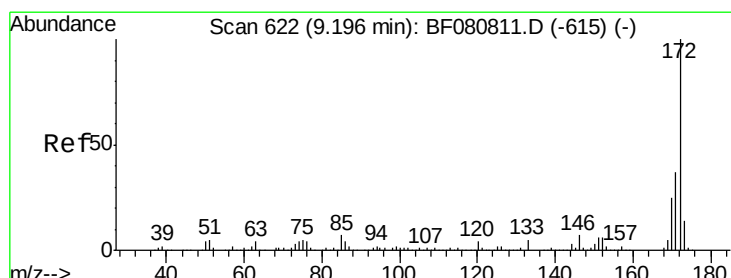
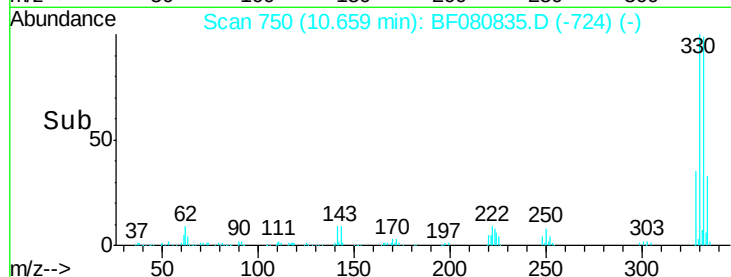
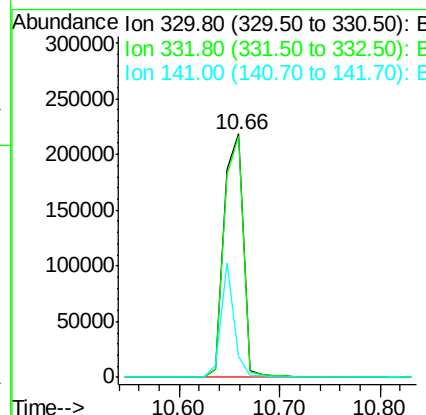
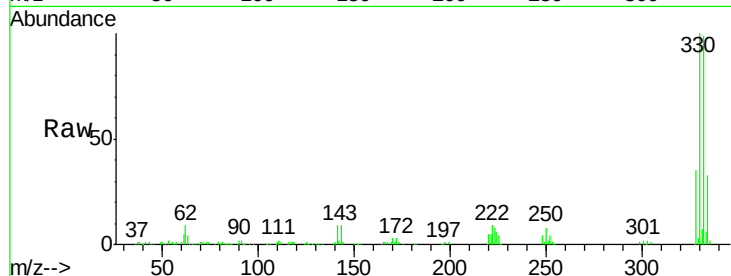
#41
 2,4,6-Tribromophenol
 Concen: 138.82 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080835.D
 Acq: 4 Aug 2015 10:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-B

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	292984		
332	98.2	76.2	114.4	
141	32.2	25.4	38.0	

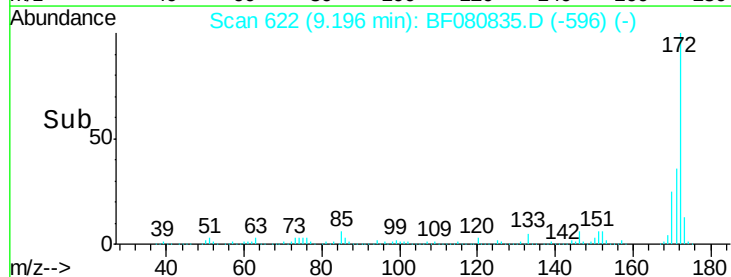
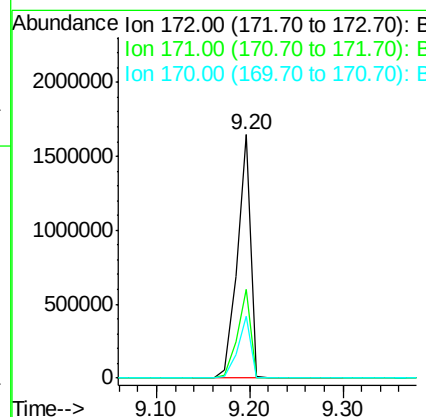
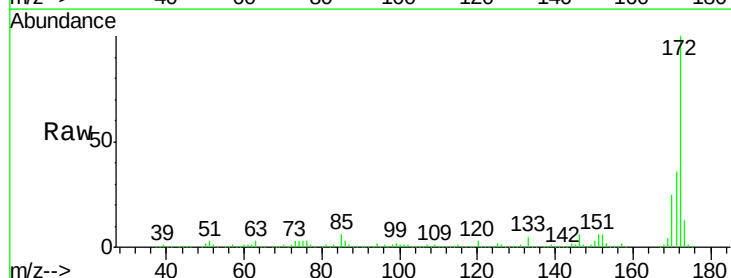
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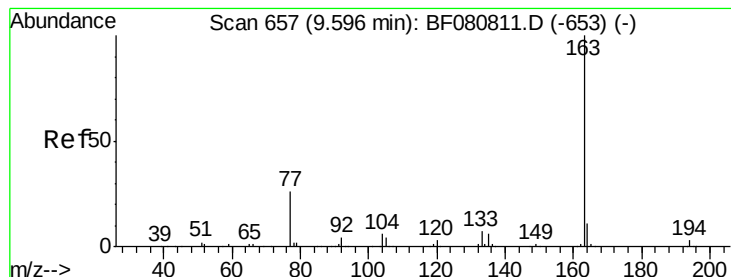
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#44
 2-Fluorobiphenyl
 Concen: 113.58 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080835.D
 Acq: 4 Aug 2015 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1654909		
171	36.3	30.0	45.0	
170	25.2	20.2	30.4	





#49

Dimethylphthalate

Concen: 13.26 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Instrument :

BNA_F

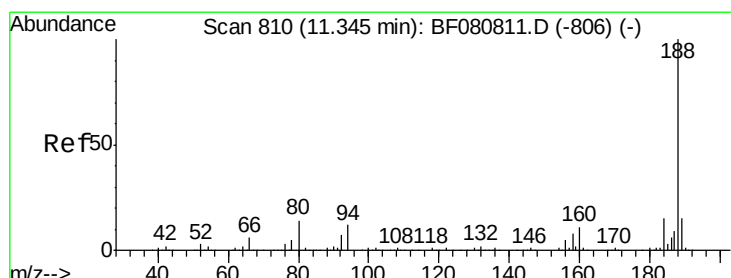
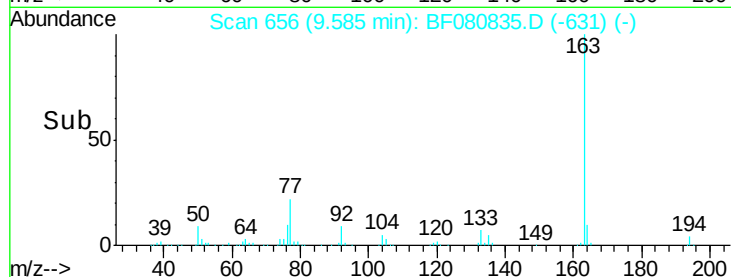
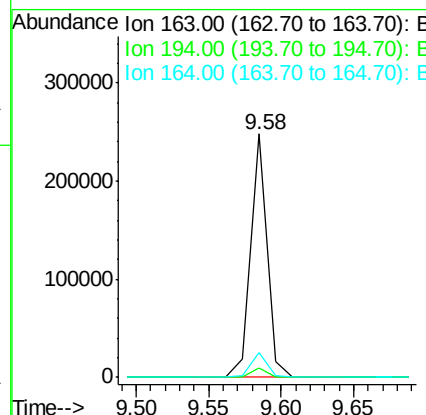
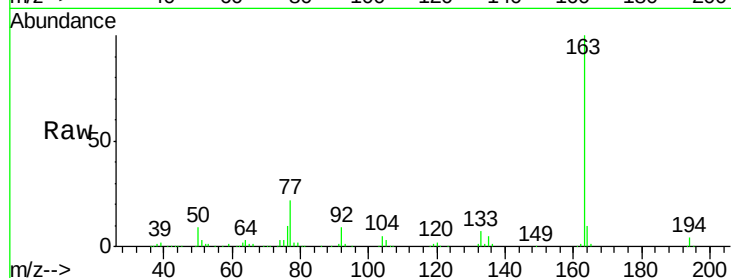
ClientSampleId :

FK-SF-03-003-B

Tgt Ion:	163	Resp:	195133
Ion Ratio		Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	8.5	12.7

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#63

Phenanthrene-d10

Concen: 20.00 ng

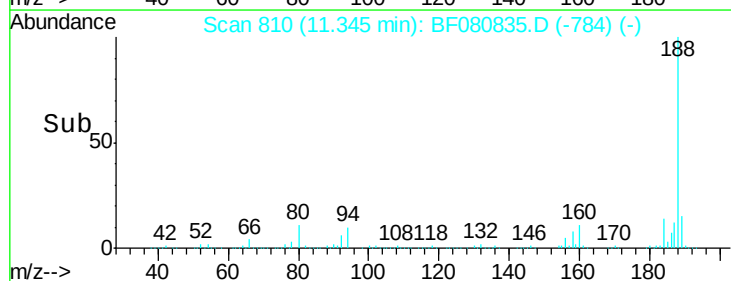
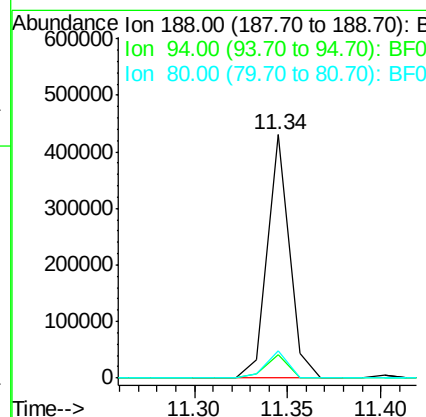
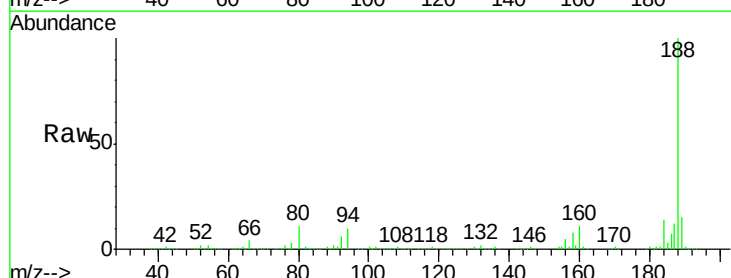
RT: 11.34 min Scan# 810

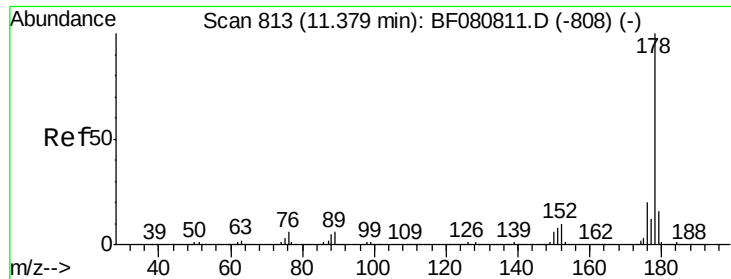
Delta R.T. -0.00 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Tgt Ion:	188	Resp:	348738
Ion Ratio		Lower	Upper
188	100		
94	9.7	9.7	14.5
80	11.1	11.2	16.8#





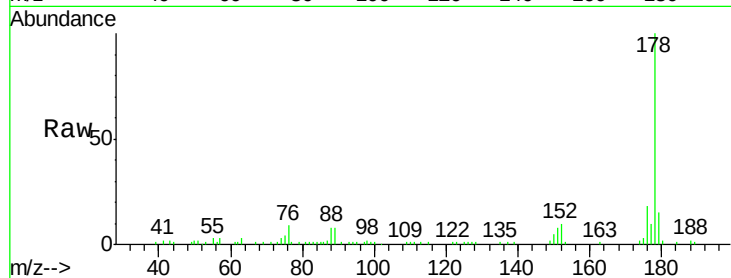
#70
Phenanthrene
Concen: 2.92 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF080835.D
Acq: 4 Aug 2015 10:46

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-B

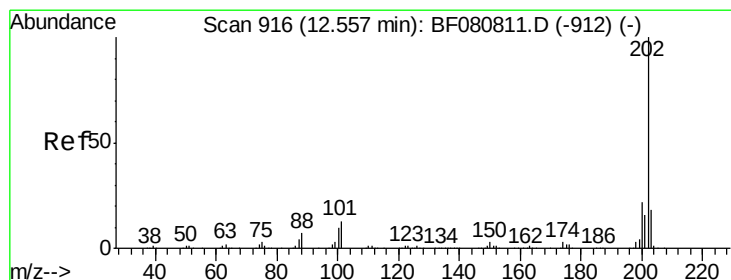
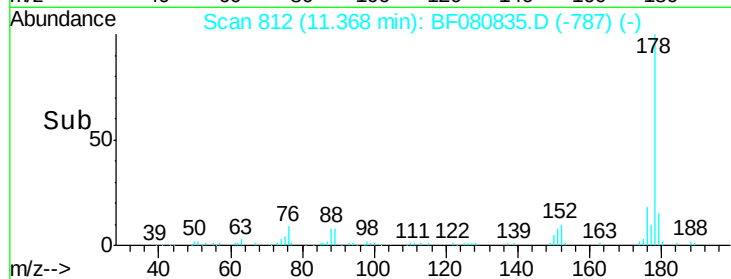
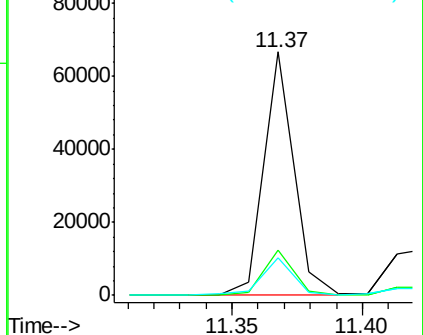
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.3	24.5
179	15.2	12.6	19.0

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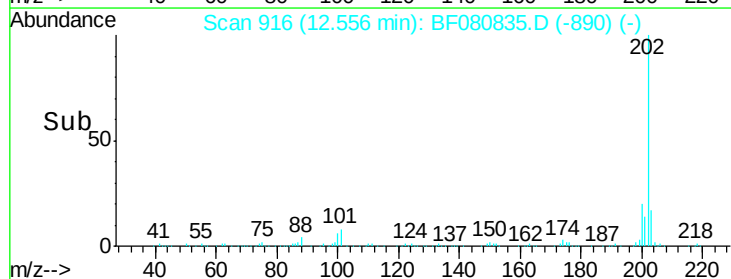
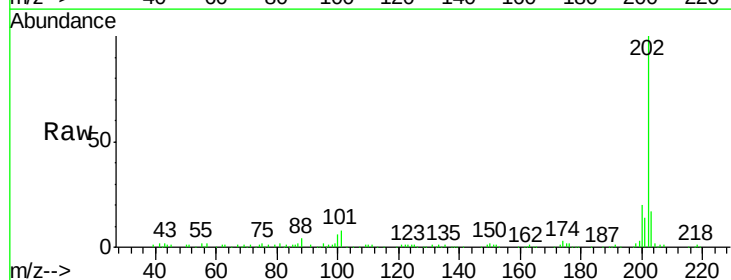
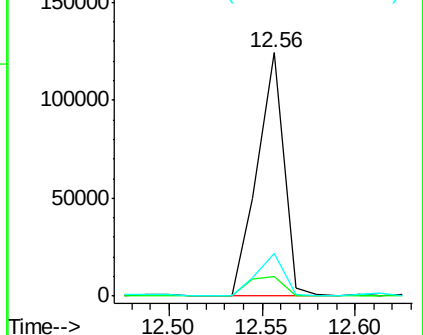
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

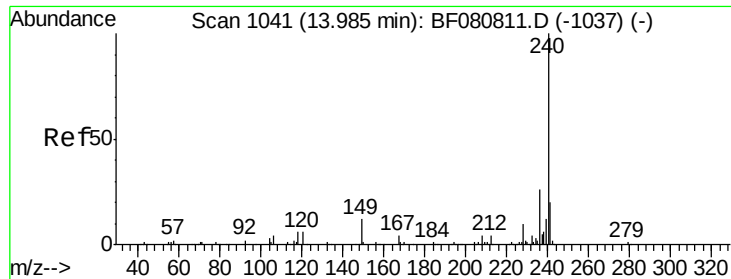


#74
Fluoranthene
Concen: 7.09 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF080835.D
Acq: 4 Aug 2015 10:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	33.0
203	17.5	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Instrument :

BNA_F

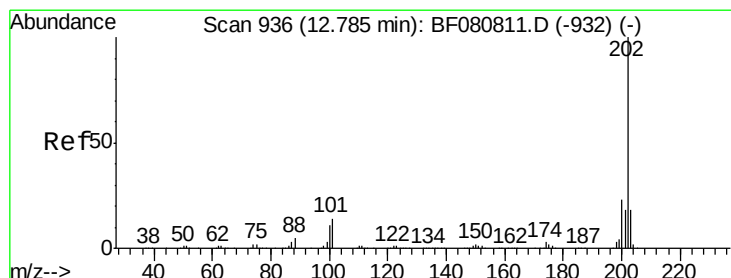
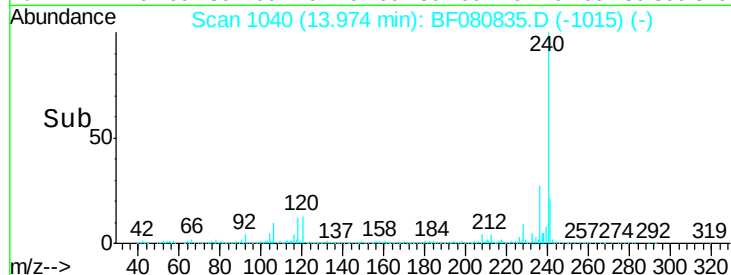
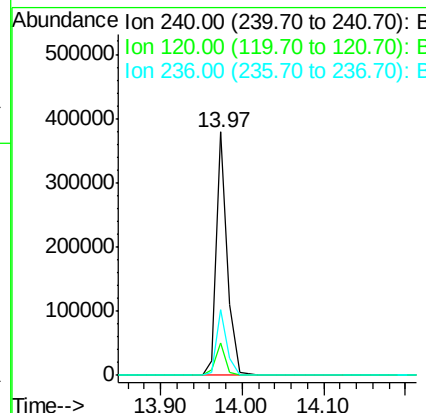
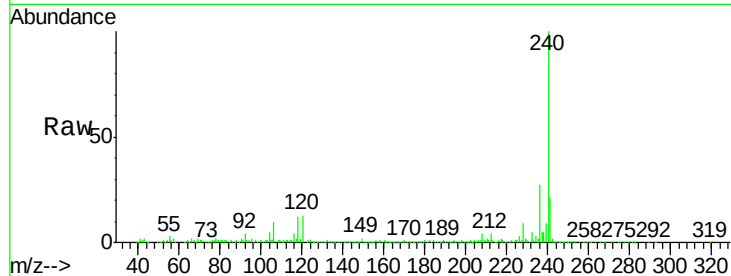
ClientSampleId :

FK-SF-03-003-B

Tgt Ion:	240	Resp:	360946
Ion Ratio	Lower	Upper	
240	100		
120	13.5	5.0	7.4#
236	26.8	20.8	31.2

Manual Integrations
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#77

Pyrene

Concen: 4.71 ng

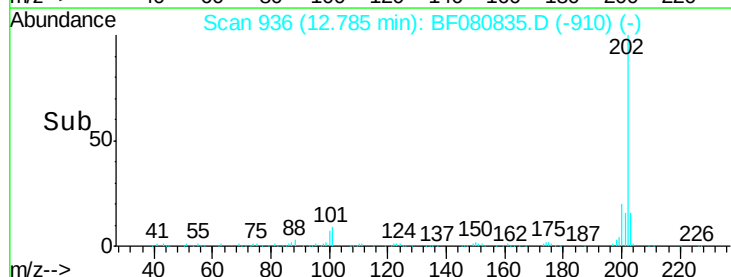
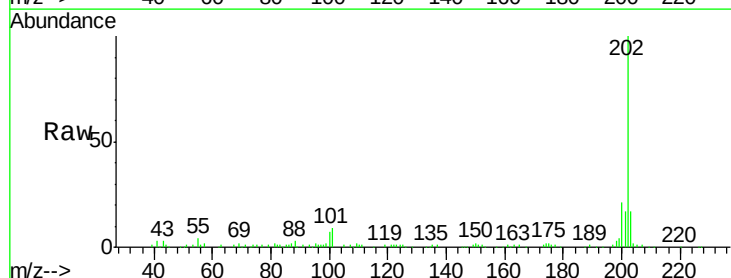
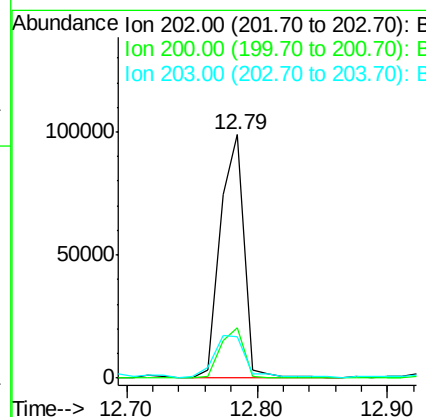
RT: 12.79 min Scan# 936

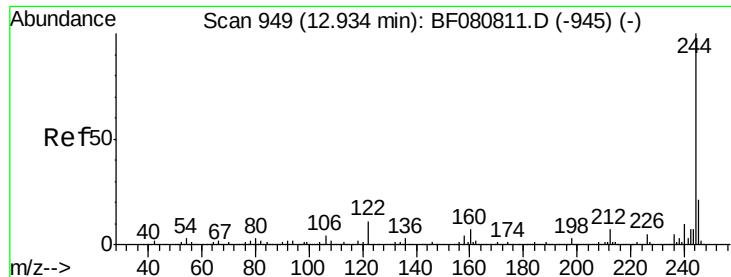
Delta R.T. -0.00 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Tgt Ion:	202	Resp:	125975
Ion Ratio	Lower	Upper	
202	100		
200	20.5	18.2	27.4
203	17.2	14.8	22.2





#78

Terphenyl-d14

Concen: 60.42 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

Tgt Ion:244 Resp: 1094273

Ion Ratio Lower Upper

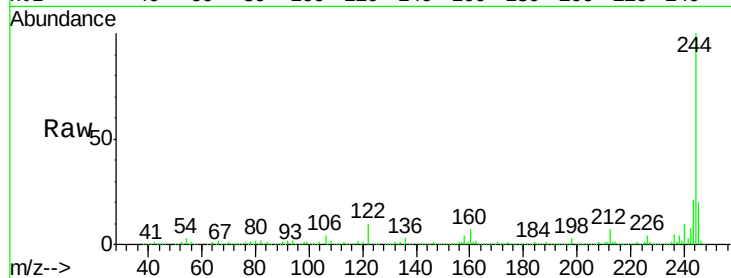
244 100

212 7.4 5.8 8.8

122 10.1 9.1 13.7

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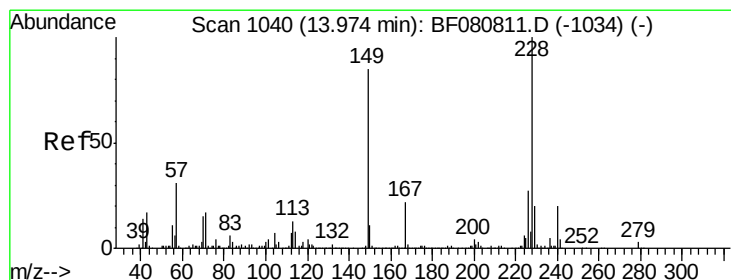
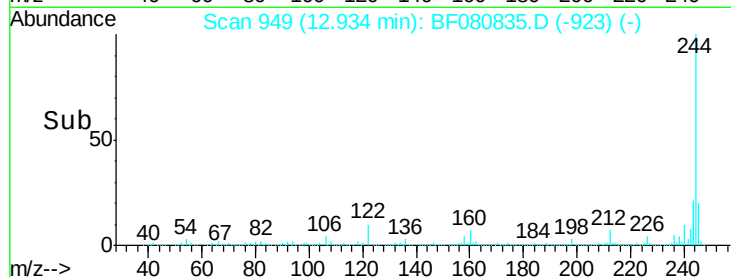
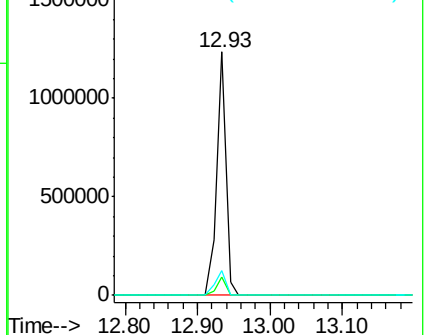
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 4.33 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

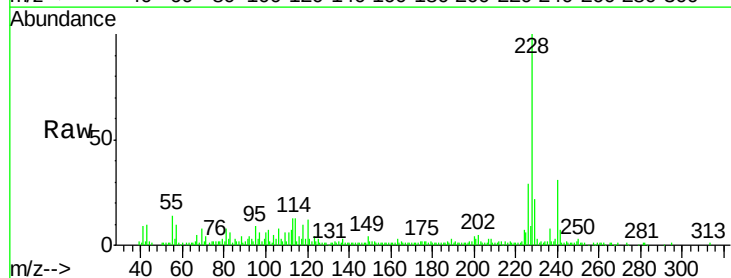
Tgt Ion:228 Resp: 89232

Ion Ratio Lower Upper

228 100

226 29.5 21.6 32.4

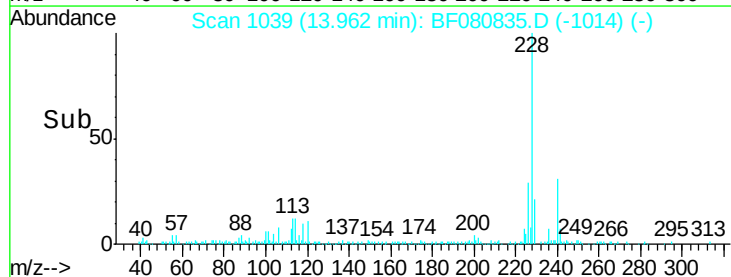
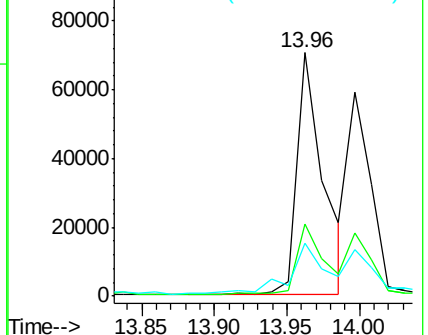
229 21.6 15.7 23.5

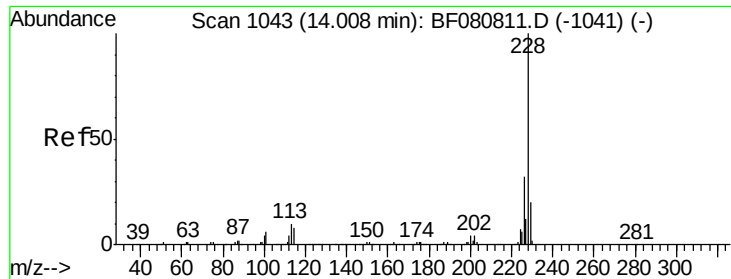


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.31 ng m

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Instrument :

BNA_F

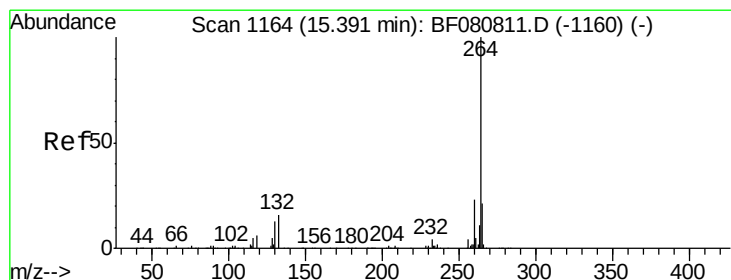
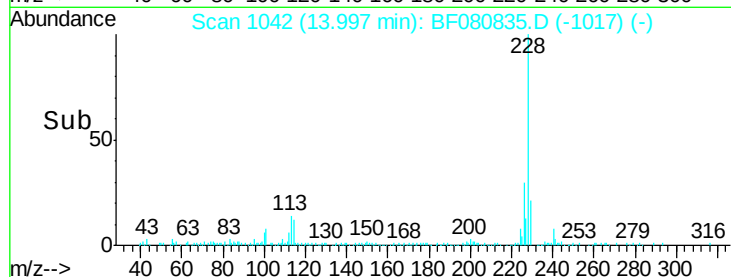
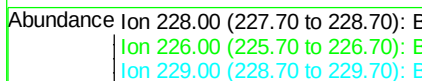
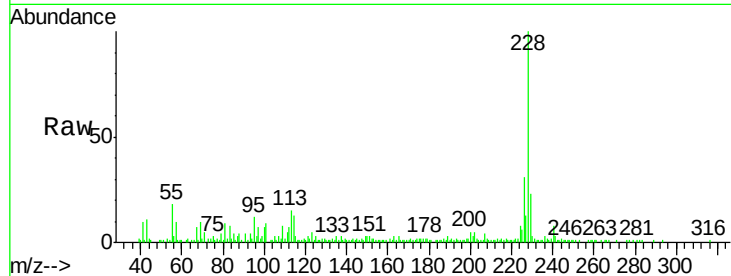
ClientSampleId :

FK-SF-03-003-B

Tgt Ion:	228	Resp:	66213
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	22.9	16.1	24.1

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#86

Perylene-d12

Concen: 20.00 ng

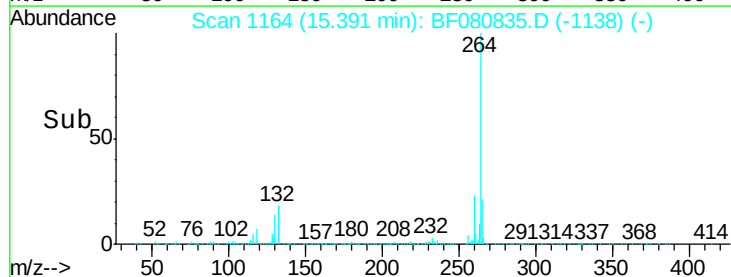
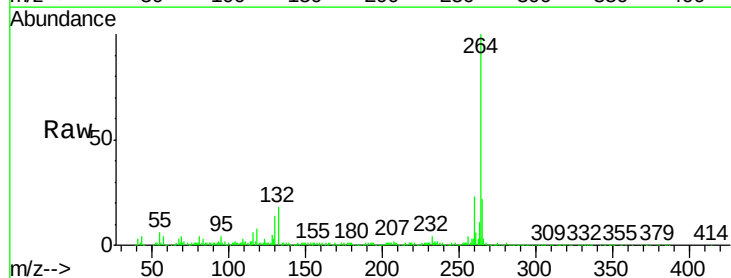
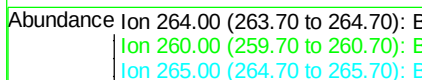
RT: 15.39 min Scan# 1164

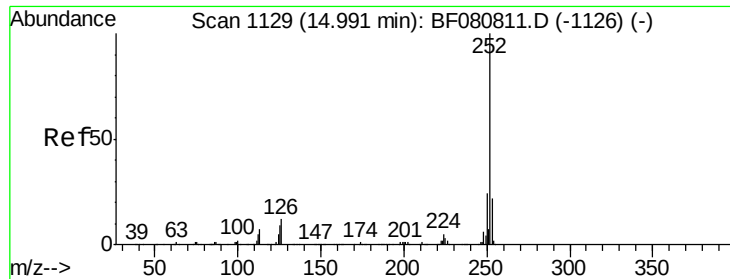
Delta R.T. -0.00 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Tgt Ion:	264	Resp:	331333
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.3	27.5
265	21.8	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 4.39 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF080835.D

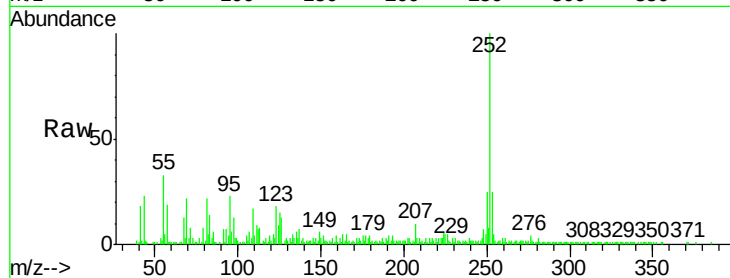
Acq: 4 Aug 2015 10:46

Instrument :

BNA_F

ClientSampleId :

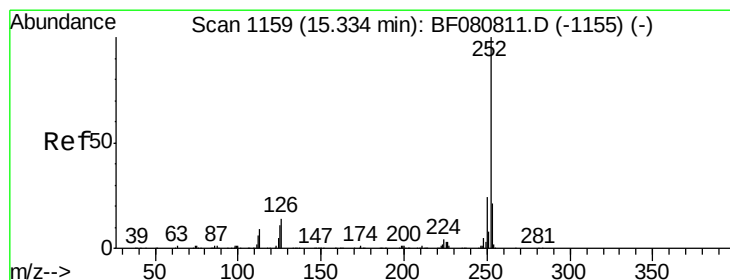
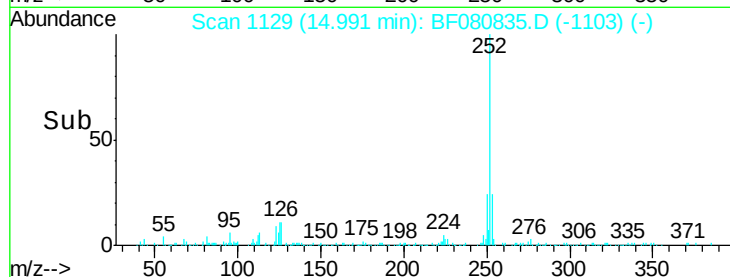
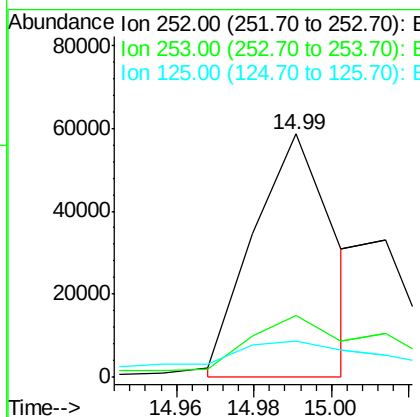
FK-SF-03-003-B



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	85168		
253	25.5	17.5	26.3	
125	15.1	7.4	11.0	

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8/5/2015 2:29:33 PM



#89

Benzo(a)pyrene

Concen: 3.59 ng

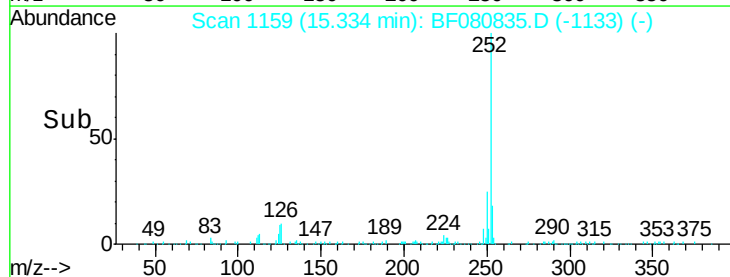
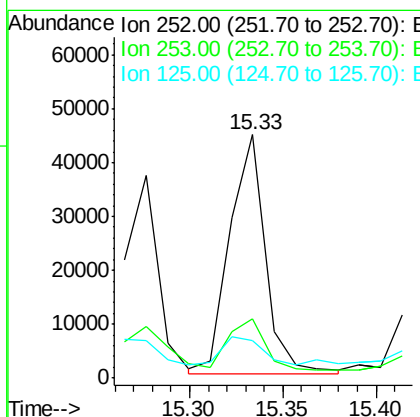
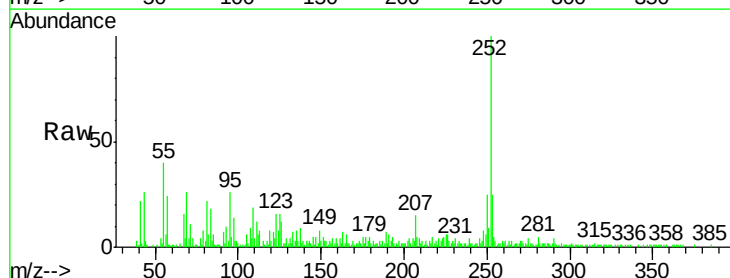
RT: 15.33 min Scan# 1159

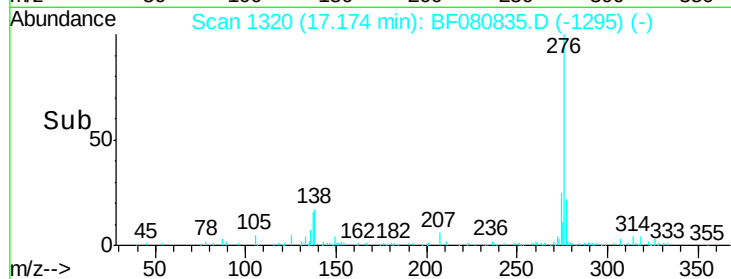
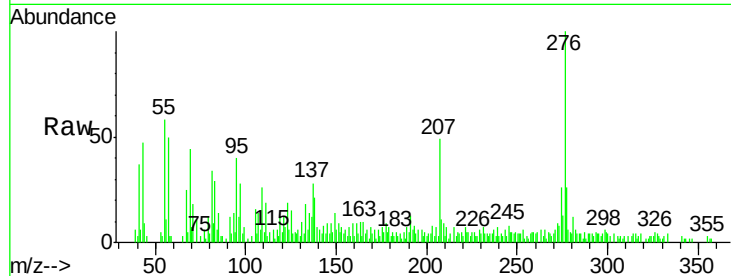
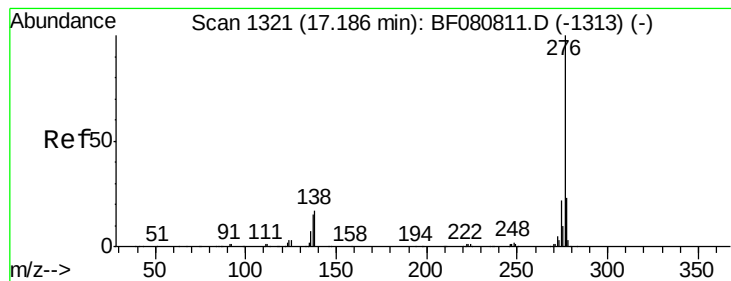
Delta R.T. -0.00 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	59300		
253	24.5	17.2	25.8	
125	15.5	8.9	13.3	





#91

Benzo(g,h,i)perylene

Concen: 2.01 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF080835.D

Acq: 4 Aug 2015 10:46

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-B

Tgt Ion:	276	Resp:	33621
Ion Ratio	Lower	Upper	
276	100		
277	26.4	18.6	27.8
138	21.5	13.3	19.9

Manual Integrations
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