

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
 Data File : BF084677.D
 Acq On : 30 Jan 2016 11:08
 Operator : SJ/IZ
 Sample : H1257-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)

Manual Integrations
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Quant Time: Feb 01 01:23:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	173571	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	707554	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	314201	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	553815	20.00	ng	0.00
75) Chrysene-d12	13.87	240	355627	20.00	ng	0.00
86) Perylene-d12	15.25	264	338879	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1215610	105.72	ng	0.01
7) Phenol-d6	6.37	99	1562452	113.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	919337	72.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	327210	99.36	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1577274	74.62	ng	0.00
78) Terphenyl-d14	12.82	244	888012	56.40	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	9.48	163	218599	9.27	ng	# 90
70) Phenanthrene	11.26	178	153467	5.01	ng	98
74) Fluoranthene	12.44	202	125666	4.15	ng	99
77) Pyrene	12.67	202	114518	4.27	ng	97
80) Benzo(a)anthracene	13.86	228	62352	2.81	ng	# 92
82) Chrysene	13.89	228	83209	3.81	ng	# 91
87) Benzo(b)fluoranthene	14.87	252	80576m	3.67	ng	
89) Benzo(a)pyrene	15.20	252	48250	2.54	ng	# 87
91) Benzo(g,h,i)perylene	16.96	276	44434	2.57	ng	99

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

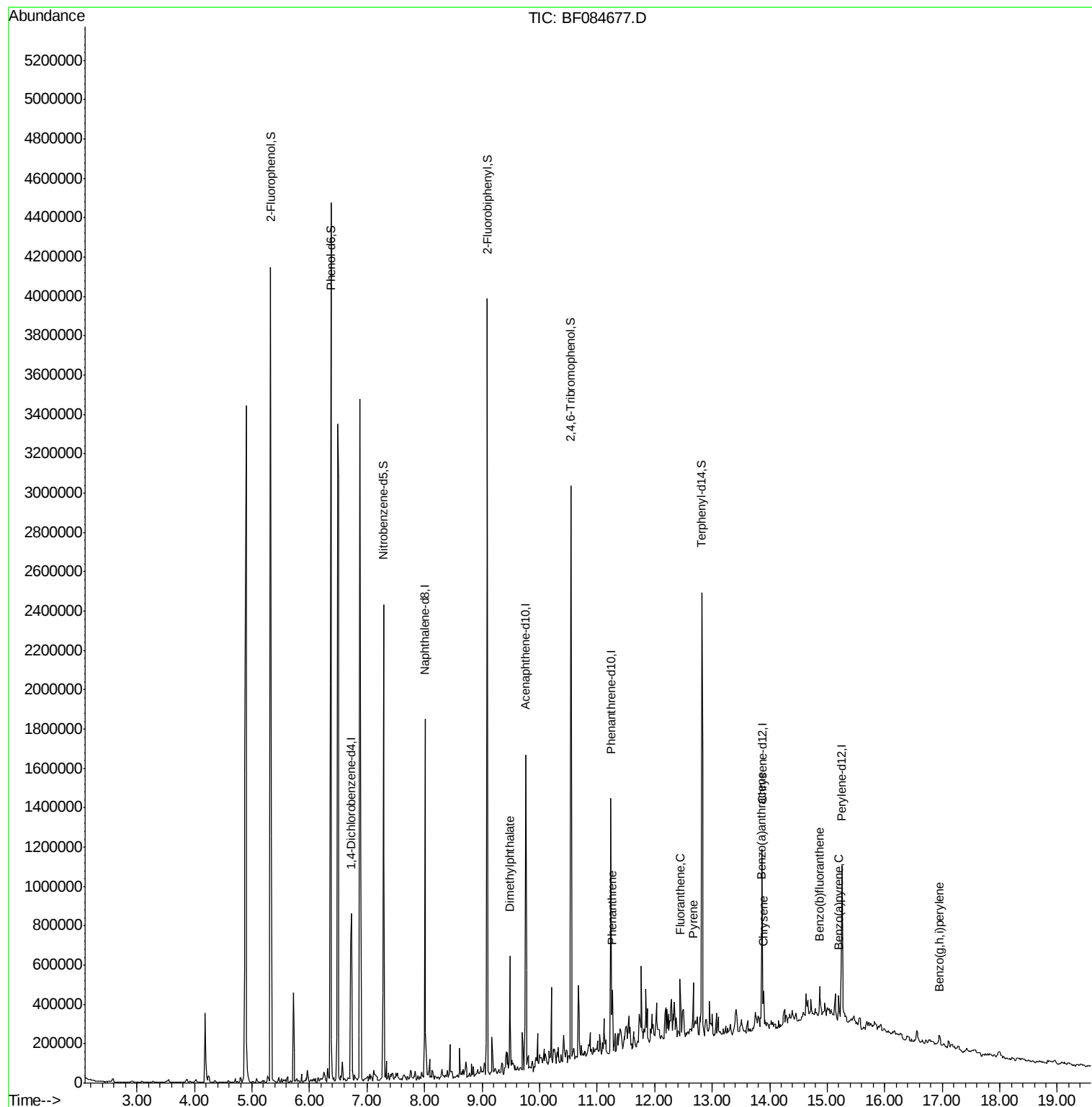
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084677.D
Acq On : 30 Jan 2016 11:08
Operator : SJ/IZ
Sample : H1257-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

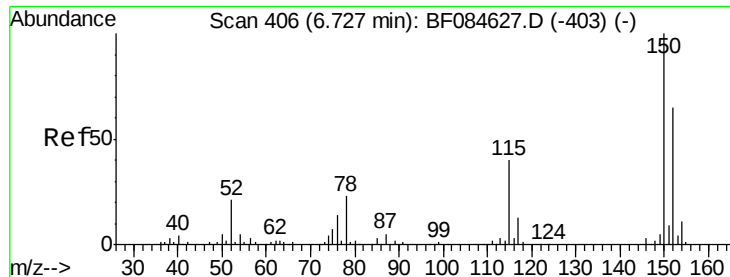
Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

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Quant Time: Feb 01 01:23:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)

Tot Ion:152 Resp: 173571

Ion Ratio Lower Upper

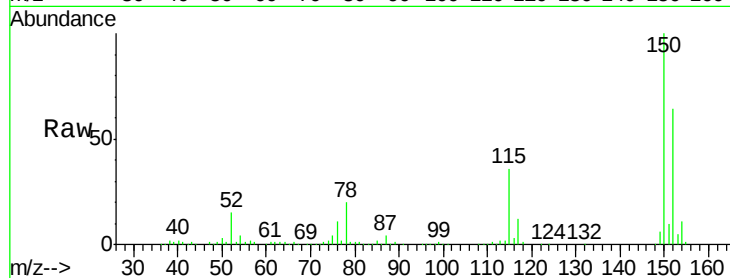
152 100

150 155.5 123.0 184.4

115 55.4 51.4 77.2

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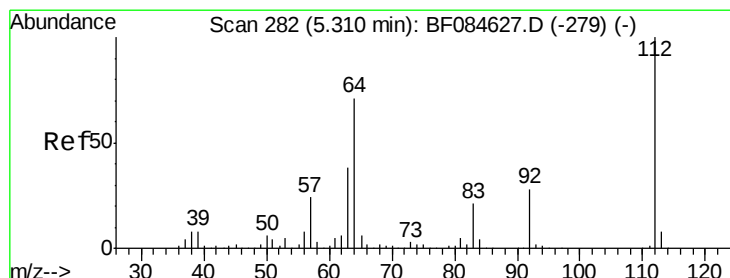
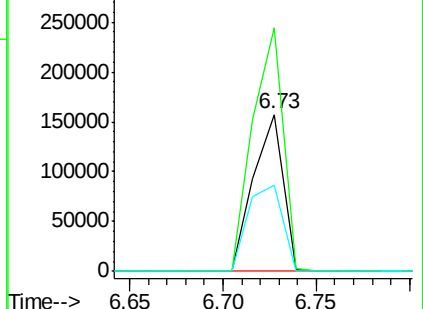
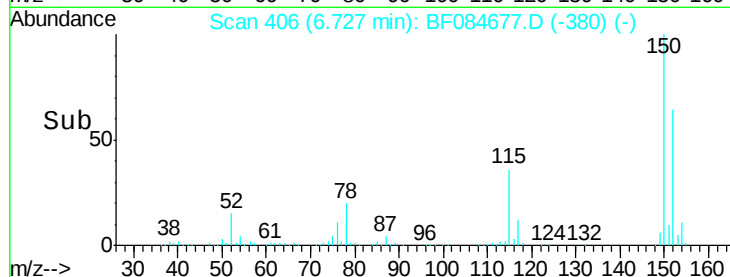
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 105.72 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

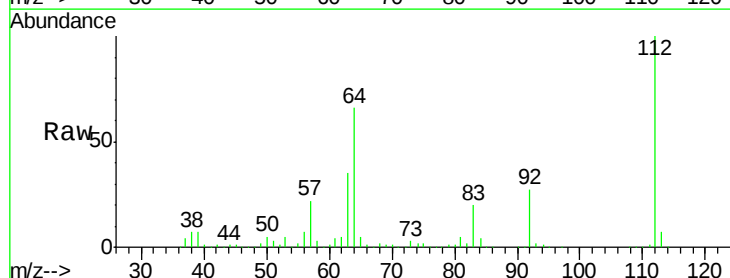
Tgt Ion:112 Resp: 1215610

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

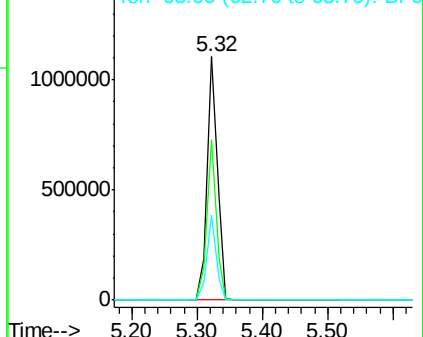
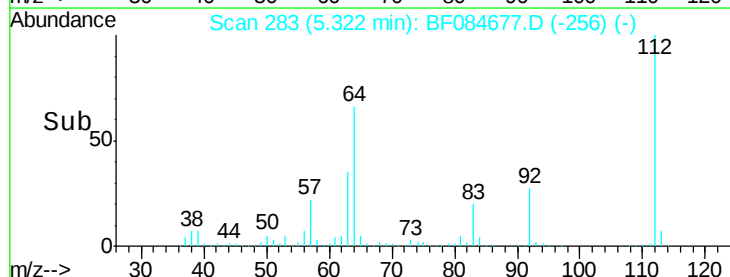
63 34.7 19.4 29.0#

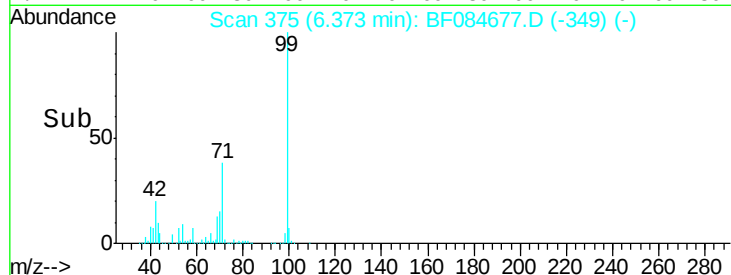
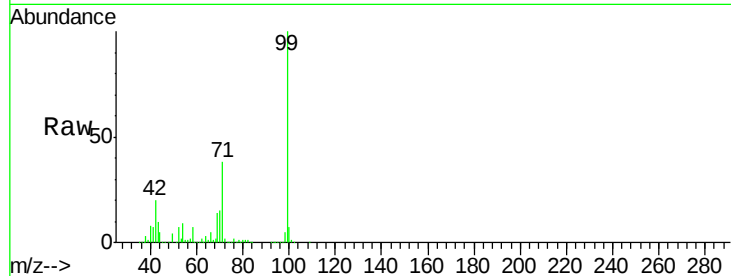
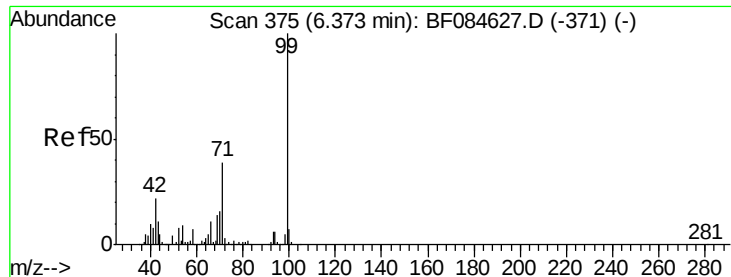


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.37 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Tot Ion: 99 Resp: 1562452

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.9	30.9	46.3

Instrument :

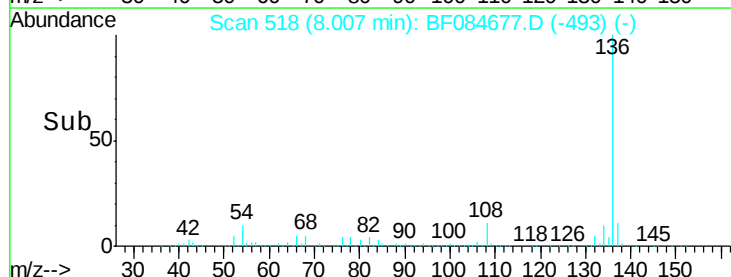
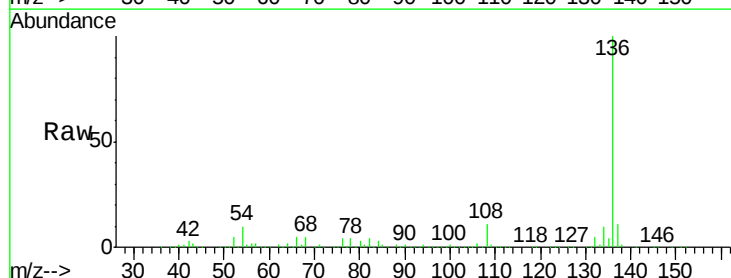
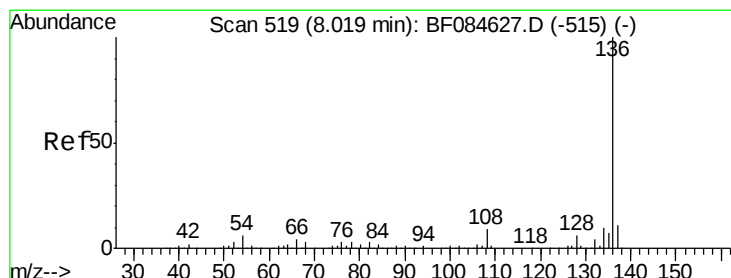
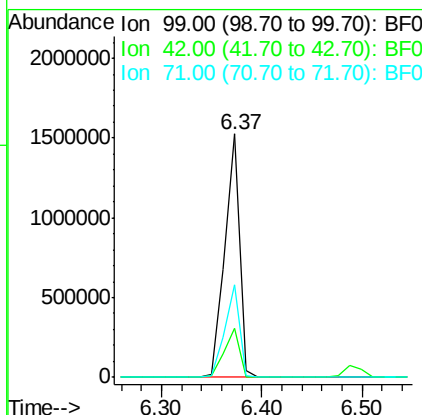
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

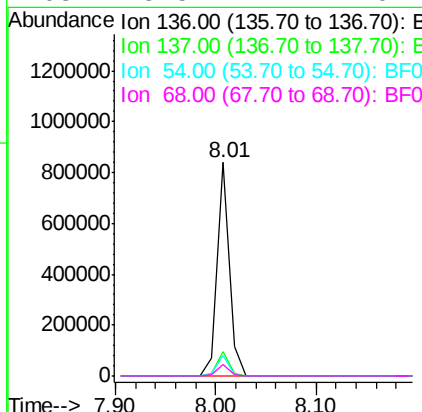
Delta R.T. -0.01 min

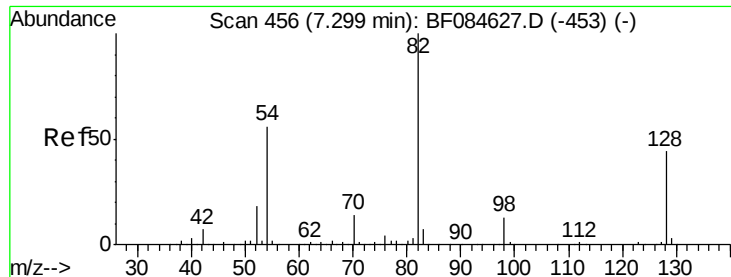
Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Tgt Ion: 136 Resp: 707554

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.5	5.8	8.8#
68	5.5	4.2	6.2





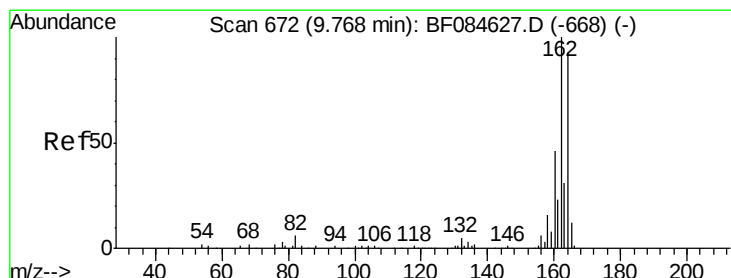
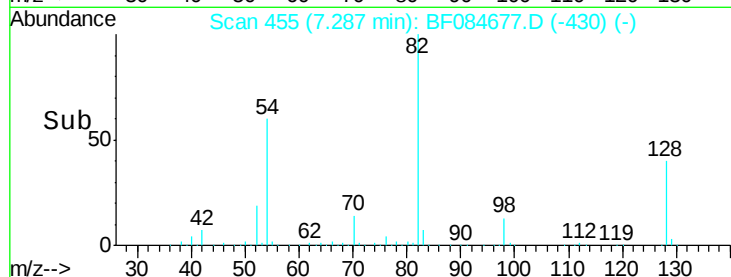
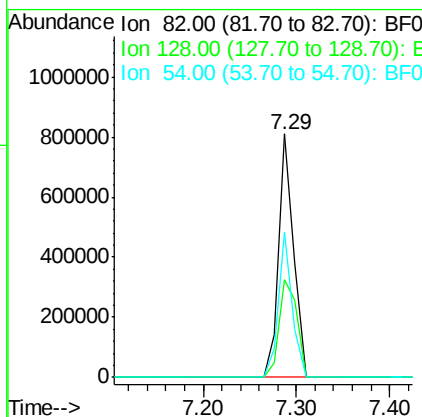
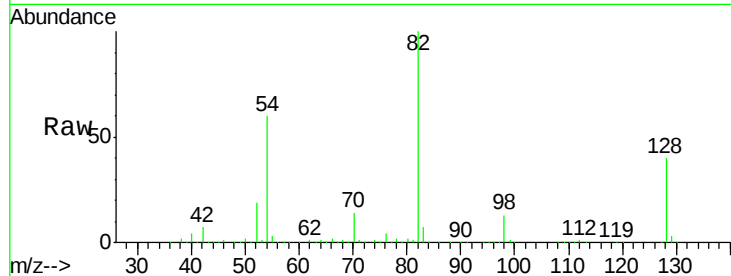
#23
Nitrobenzene-d5
Concen: 72.61 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	51.8
54	59.5	38.4	57.6

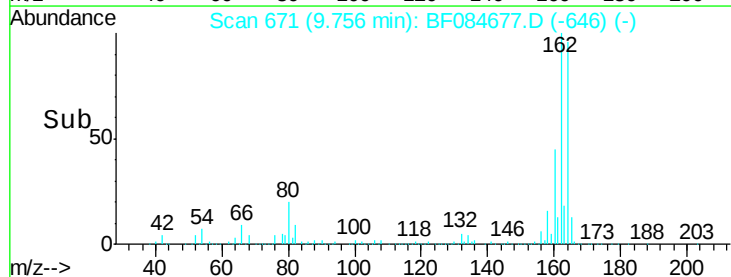
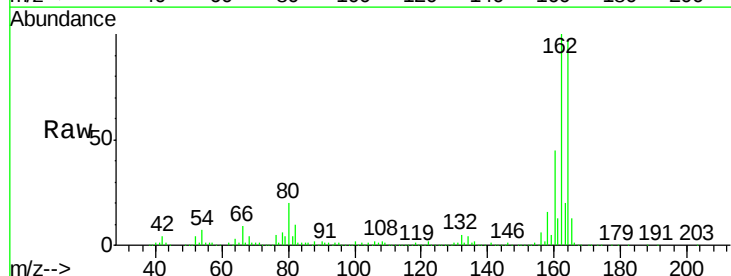
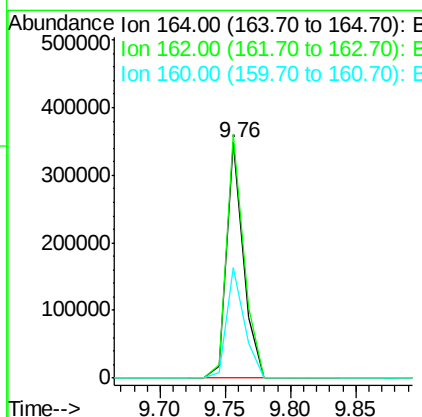
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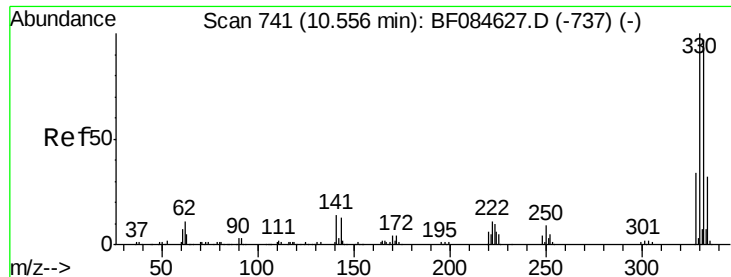
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	46.7	37.5	56.3





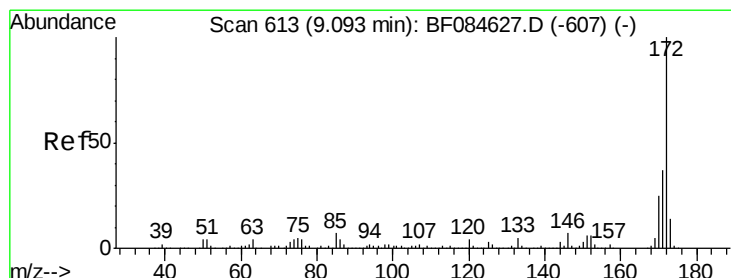
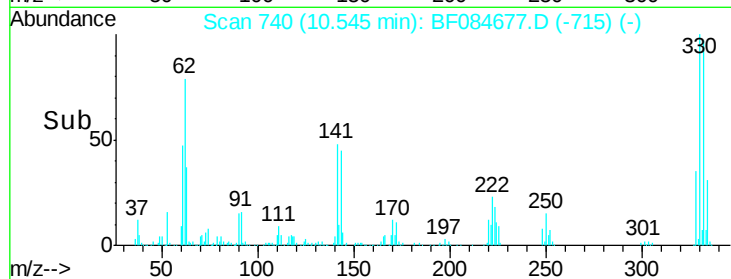
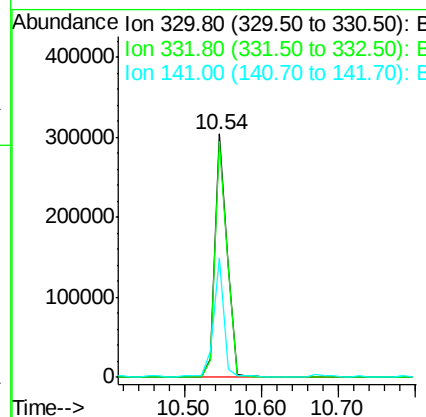
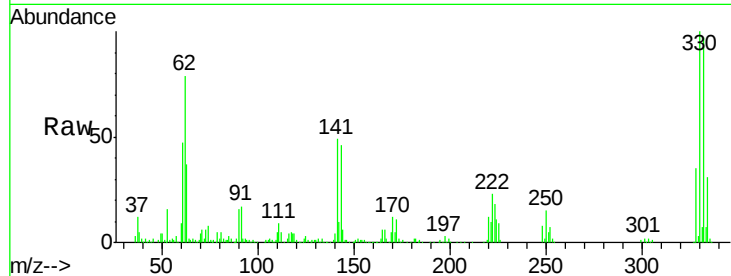
#41
 2,4,6-Tribromophenol
 Concen: 99.36 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084677.D
 Acq: 30 Jan 2016 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(6-9)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	327210		
332	97.1		76.6	114.8
141	40.6		27.8	41.6

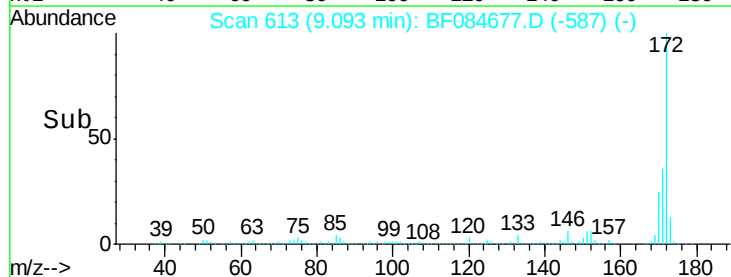
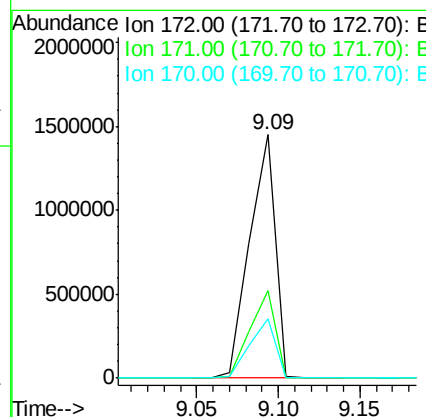
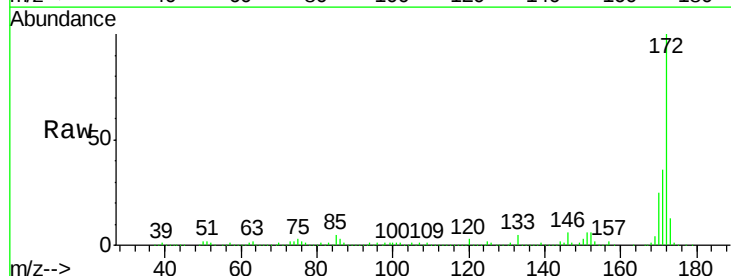
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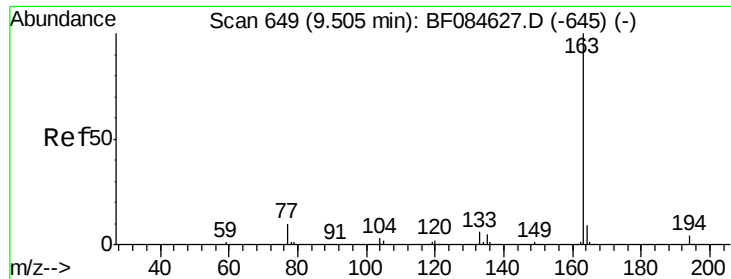
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#44
 2-Fluorobiphenyl
 Concen: 74.62 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084677.D
 Acq: 30 Jan 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1577274		
171	35.7		28.9	43.3
170	24.5		18.6	27.8





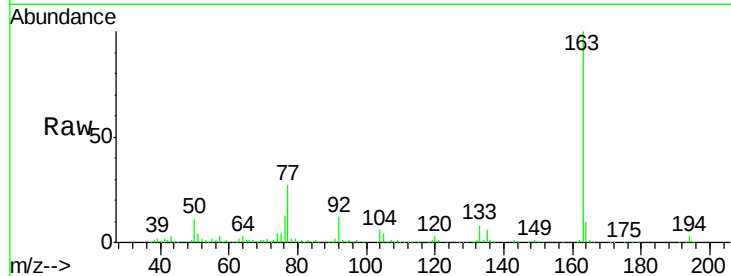
#49
Dimethylphthalate
Concen: 9.27 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

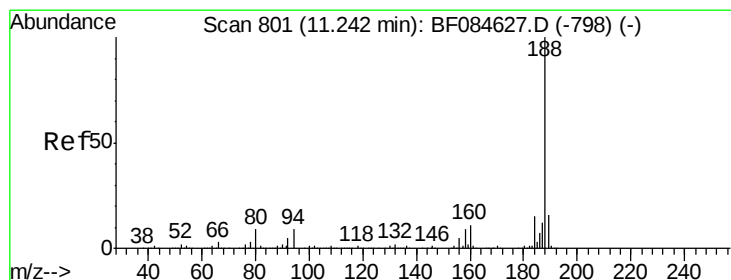
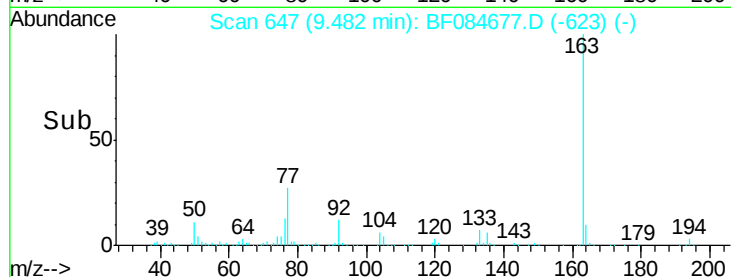
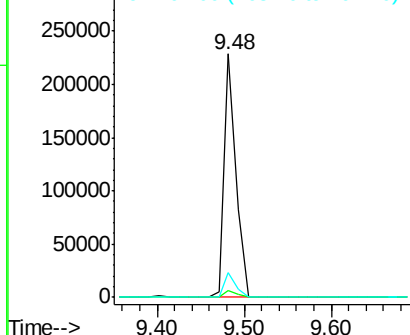
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	2.9	8.0	12.0#
164	10.0	8.0	12.0

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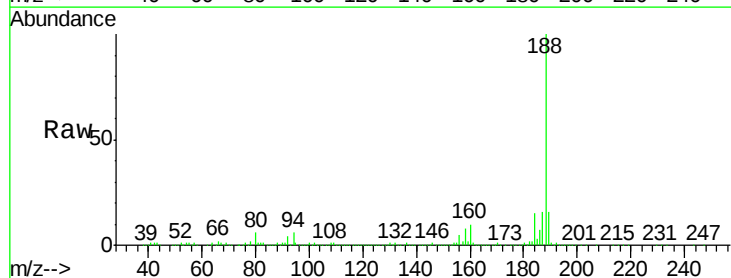


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

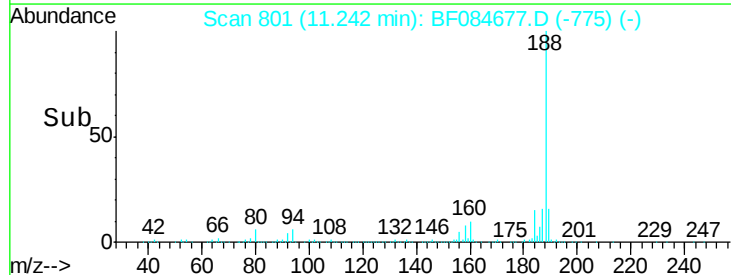
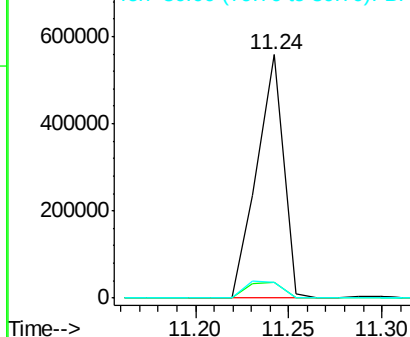


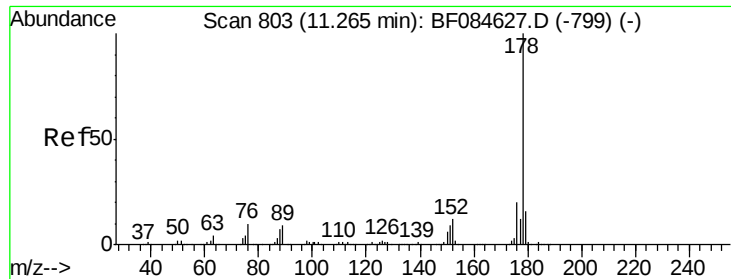
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	6.4	9.0	13.4#
80	6.2	9.6	14.4#



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





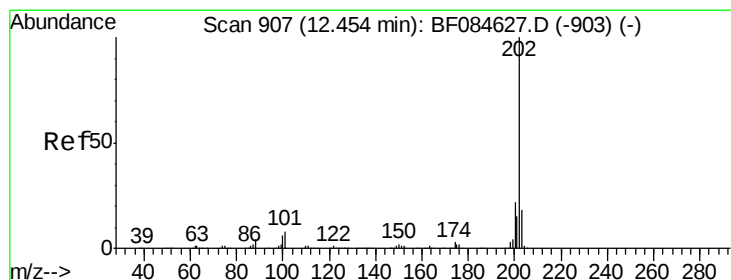
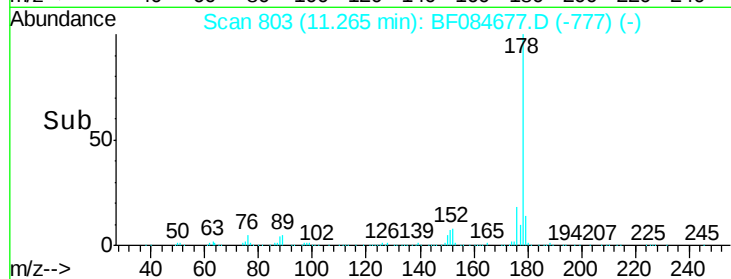
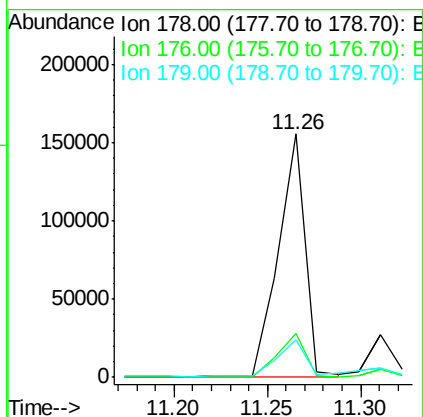
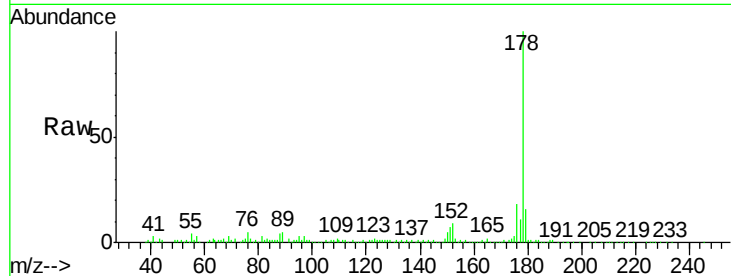
#70
Phenanthrene
Concen: 5.01 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	15.6	12.0	18.0

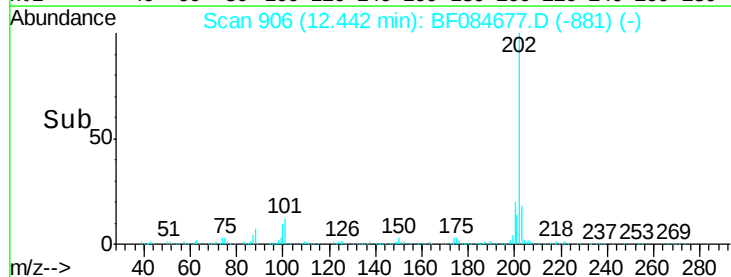
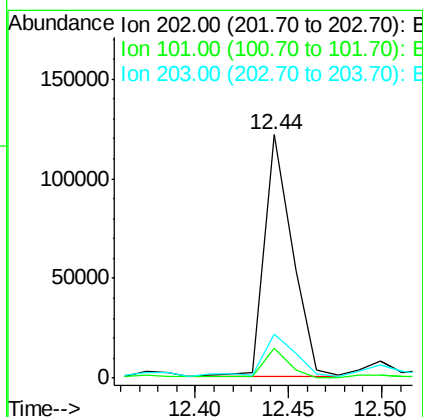
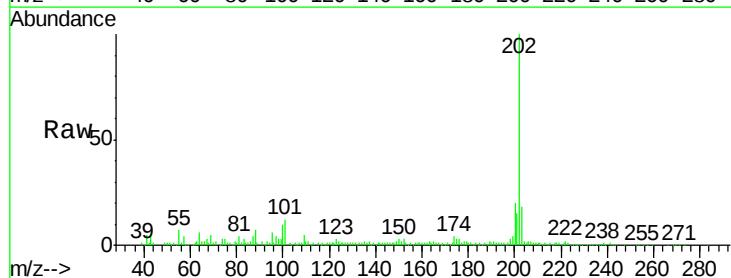
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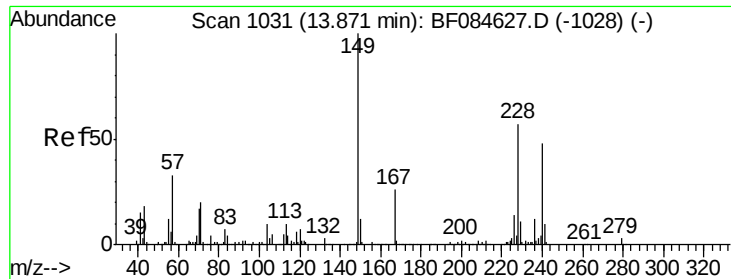
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#74
Fluoranthene
Concen: 4.15 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084677.D
Acq: 30 Jan 2016 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.8
203	18.2	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Instrument :

BNA_F

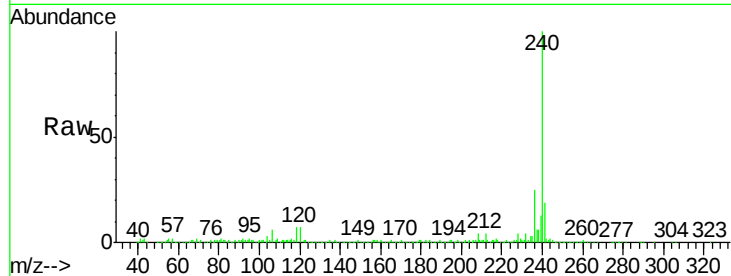
ClientSampleId :

SUP-B015(6-9)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.4	9.5	14.3	
236	25.5	20.6	31.0	

Manual Integrations
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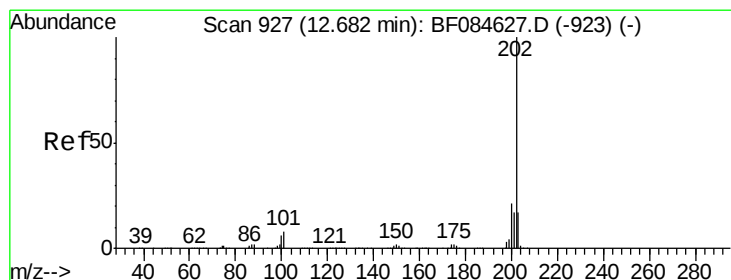
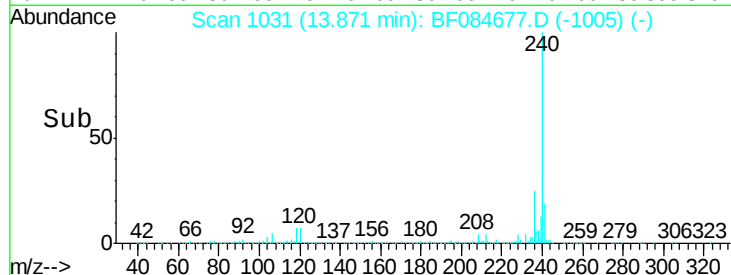
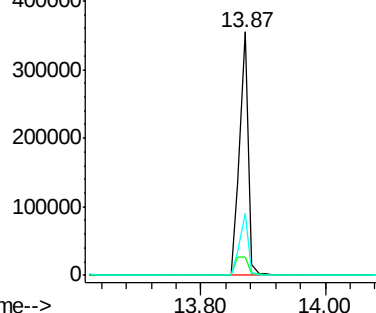
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.27 ng

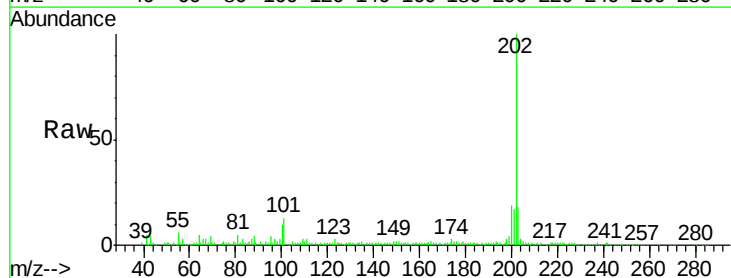
RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

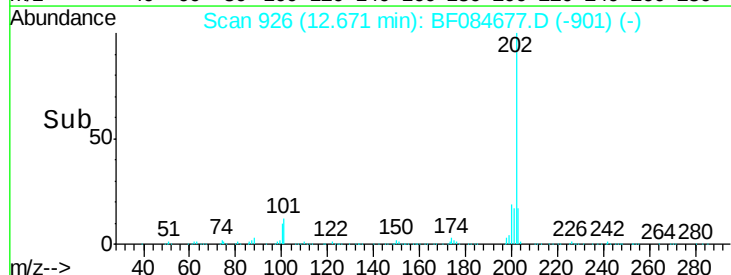
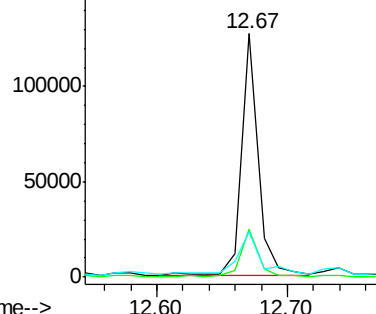
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.5	17.2	25.8	
203	18.4	14.3	21.5	

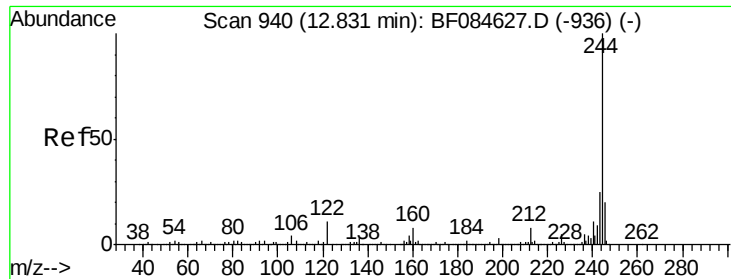


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.40 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Instrument :

BNA_F

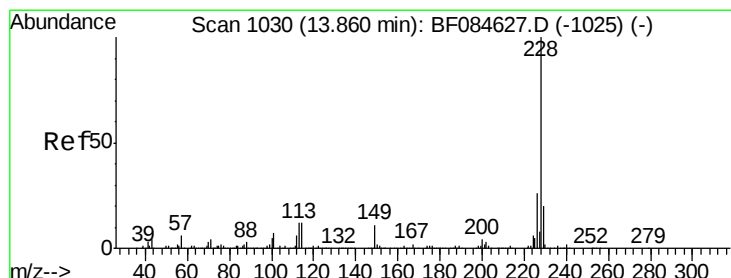
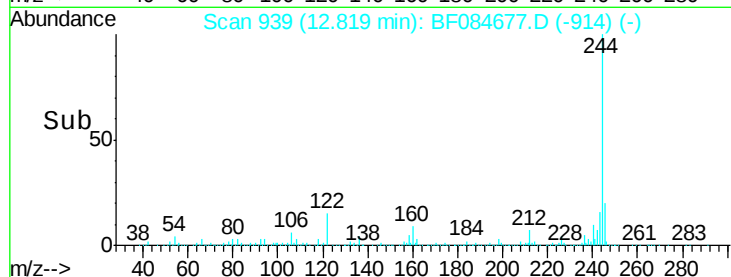
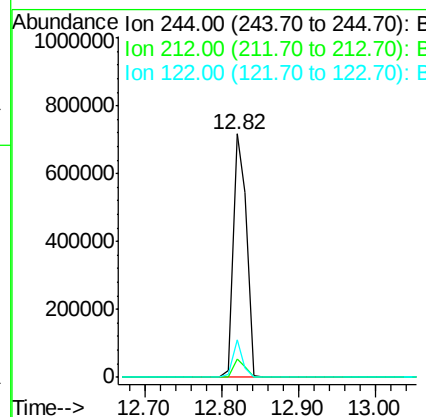
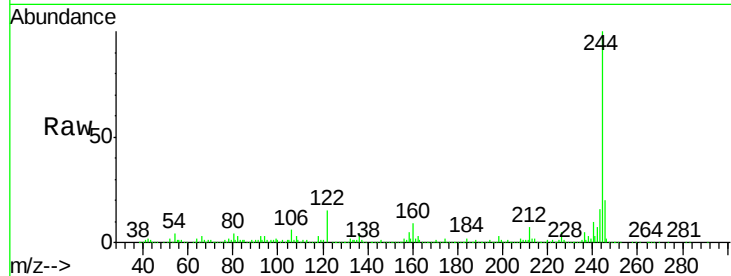
ClientSampleId :

SUP-B015(6-9)

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	5.7	8.5	
122	15.3	7.4	11.0	

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#80

Benzo(a)anthracene

Concen: 2.81 ng

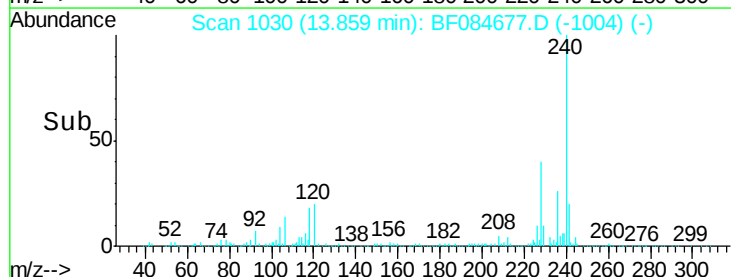
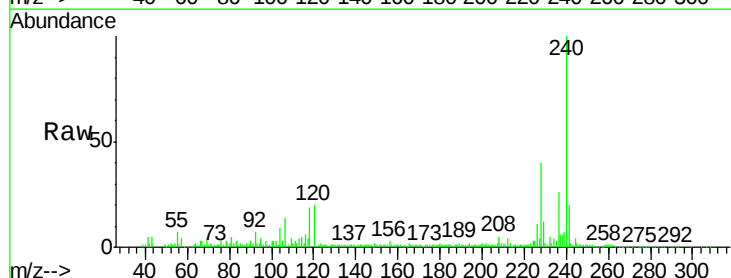
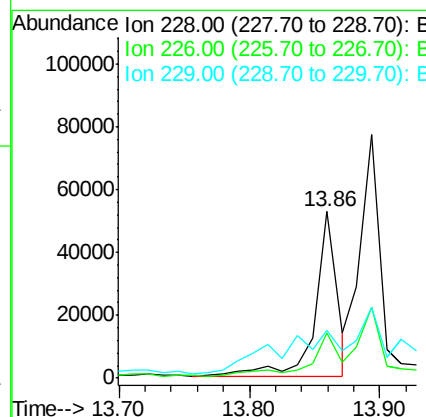
RT: 13.86 min Scan# 1030

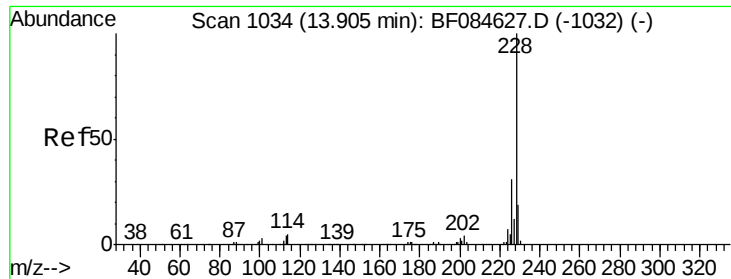
Delta R.T. -0.00 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.5	21.8	32.6	
229	28.7	15.8	23.8	





#82

Chrysene

Concen: 3.81 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Instrument :

BNA_F

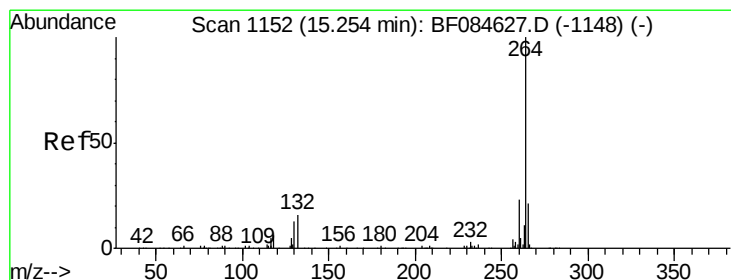
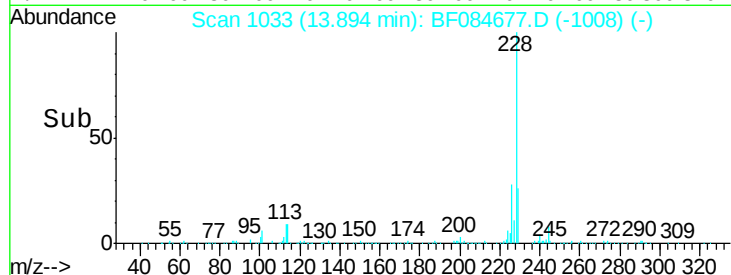
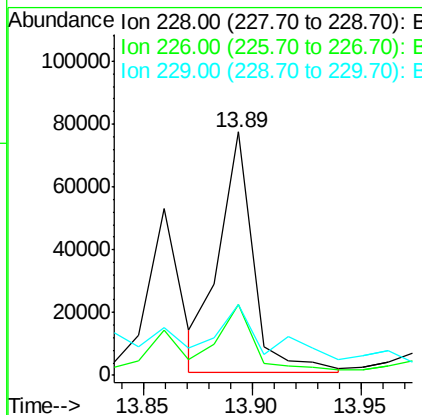
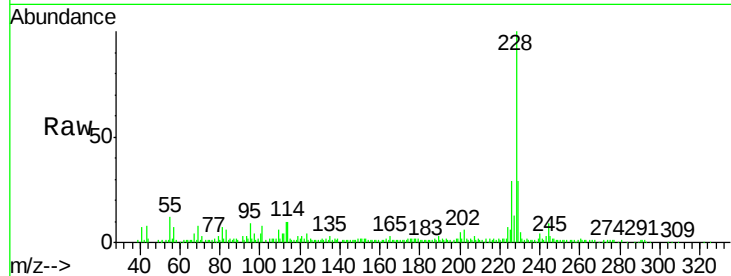
ClientSampleId :

SUP-B015(6-9)

Tot Ion:	228	Resp:	83209
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.3	36.5
229	29.3	16.1	24.1

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#86

Perylene-d12

Concen: 20.00 ng

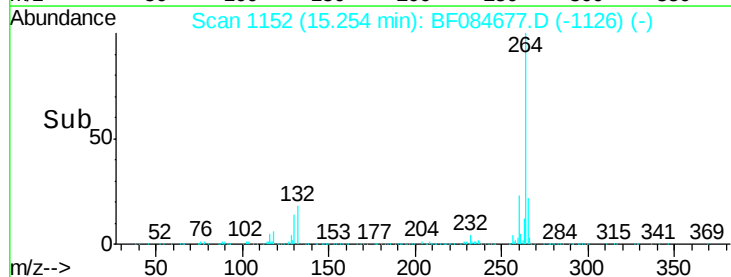
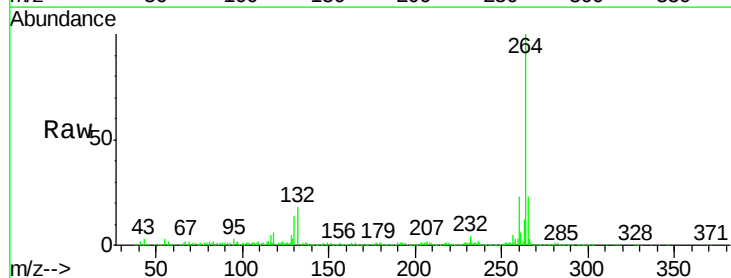
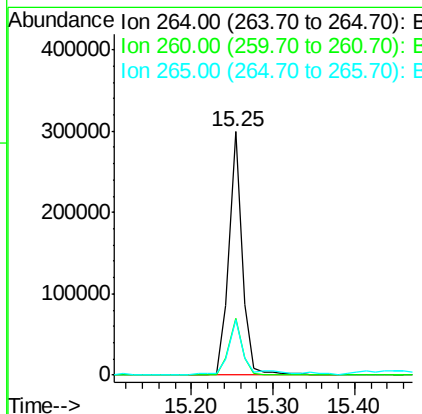
RT: 15.25 min Scan# 1152

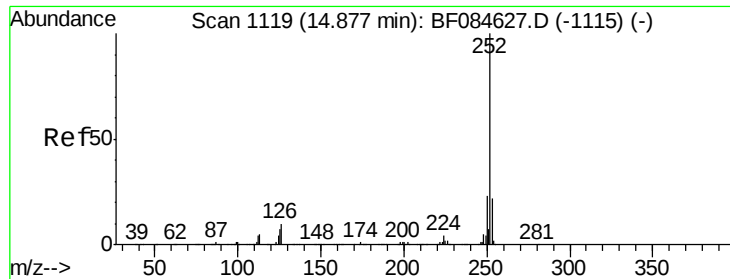
Delta R.T. -0.00 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Tgt Ion:	264	Resp:	338879
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.4	29.2
265	22.5	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 3.67 ng m

RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Instrument :

BNA_F

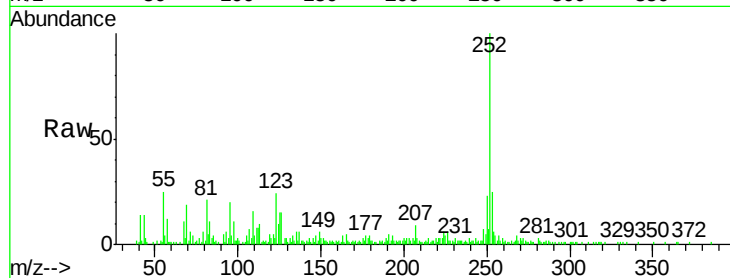
ClientSampleId :

SUP-B015(6-9)

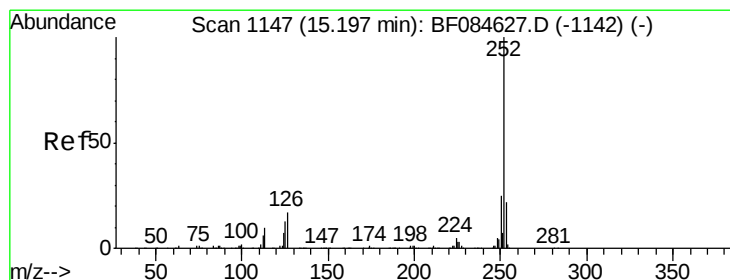
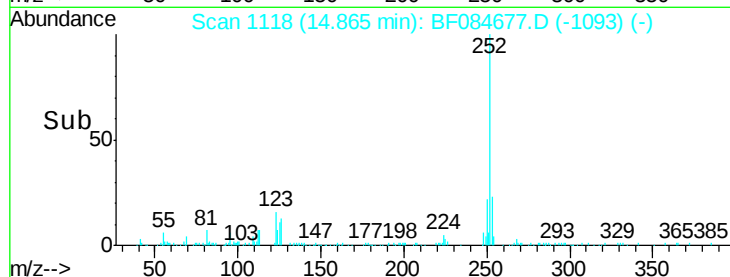
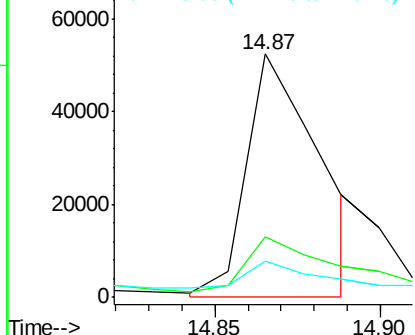
Tot Ion:	252	Resp:	80576
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.3	25.9
125	14.9	6.5	9.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.54 ng

RT: 15.20 min Scan# 1147

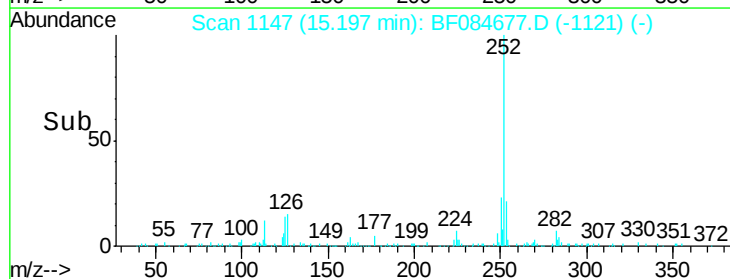
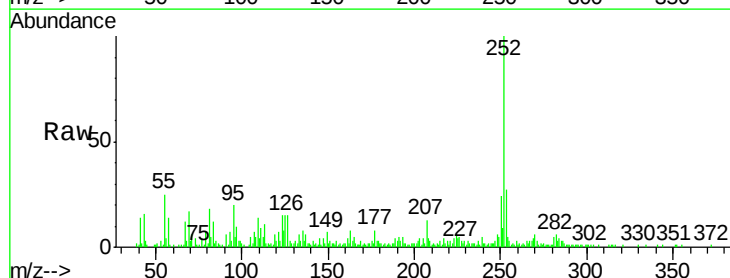
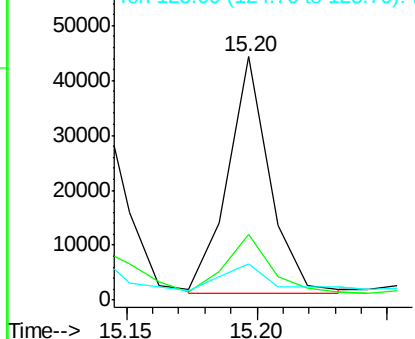
Delta R.T. -0.00 min

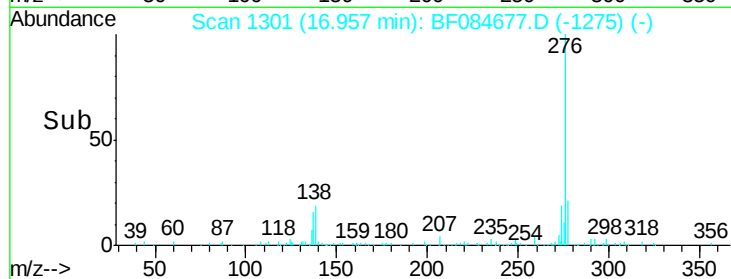
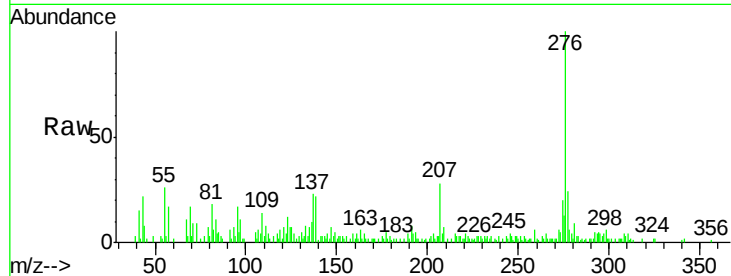
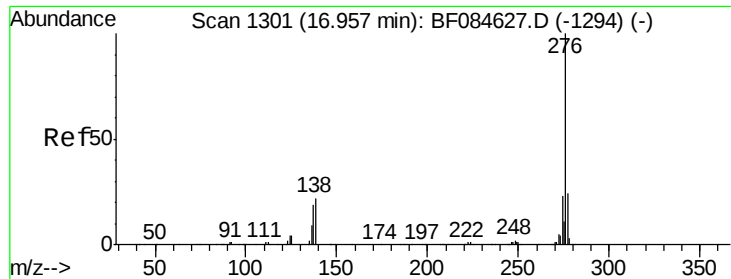
Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Tgt Ion:	252	Resp:	48250
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.3	25.9
125	14.9	7.0	10.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.57 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF084677.D

Acq: 30 Jan 2016 11:08

Instrument :

BNA_F

ClientSampleId :

SUP-B015(6-9)

Tot Ion:	276	Resp:	44434
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.8	28.2
138	22.3	17.8	26.6

Manual Integrations
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