

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084740.D
 Acq On : 2 Feb 2016 5:36
 Operator : SJ/IZ
 Sample : H1285-18 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(10-12.5)

Manual Integrations
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Quant Time: Feb 02 07:29:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	155194	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	608345	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	236829	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	365272	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	349647	20.00	ng	0.01
86) Perylene-d12	15.29	264	342906	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	266515	26.75	ng	-0.01
7) Phenol-d6	6.36	99	319060	25.83	ng	-0.01
23) Nitrobenzene-d5	7.28	82	203478	18.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	58245	23.58	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	307904	16.50	ng	-0.01
78) Terphenyl-d14	12.82	244	206635	13.39	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.41	94	102340	7.40	ng	# 56
49) Dimethylphthalate	9.47	163	37106	2.06	ng	# 90
70) Phenanthrene	11.25	178	63709	3.14	ng	99
74) Fluoranthene	12.43	202	209637	10.22	ng	98
77) Pyrene	12.66	202	197158	7.36	ng	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	64757	3.91	ng	93
87) Benzo(b)fluoranthene	14.91	252	132040m	5.73	ng	
89) Benzo(a)pyrene	15.23	252	91983	4.69	ng	# 90
91) Benzo(g,h,i)perylene	16.97	276	64124	3.85	ng	95

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

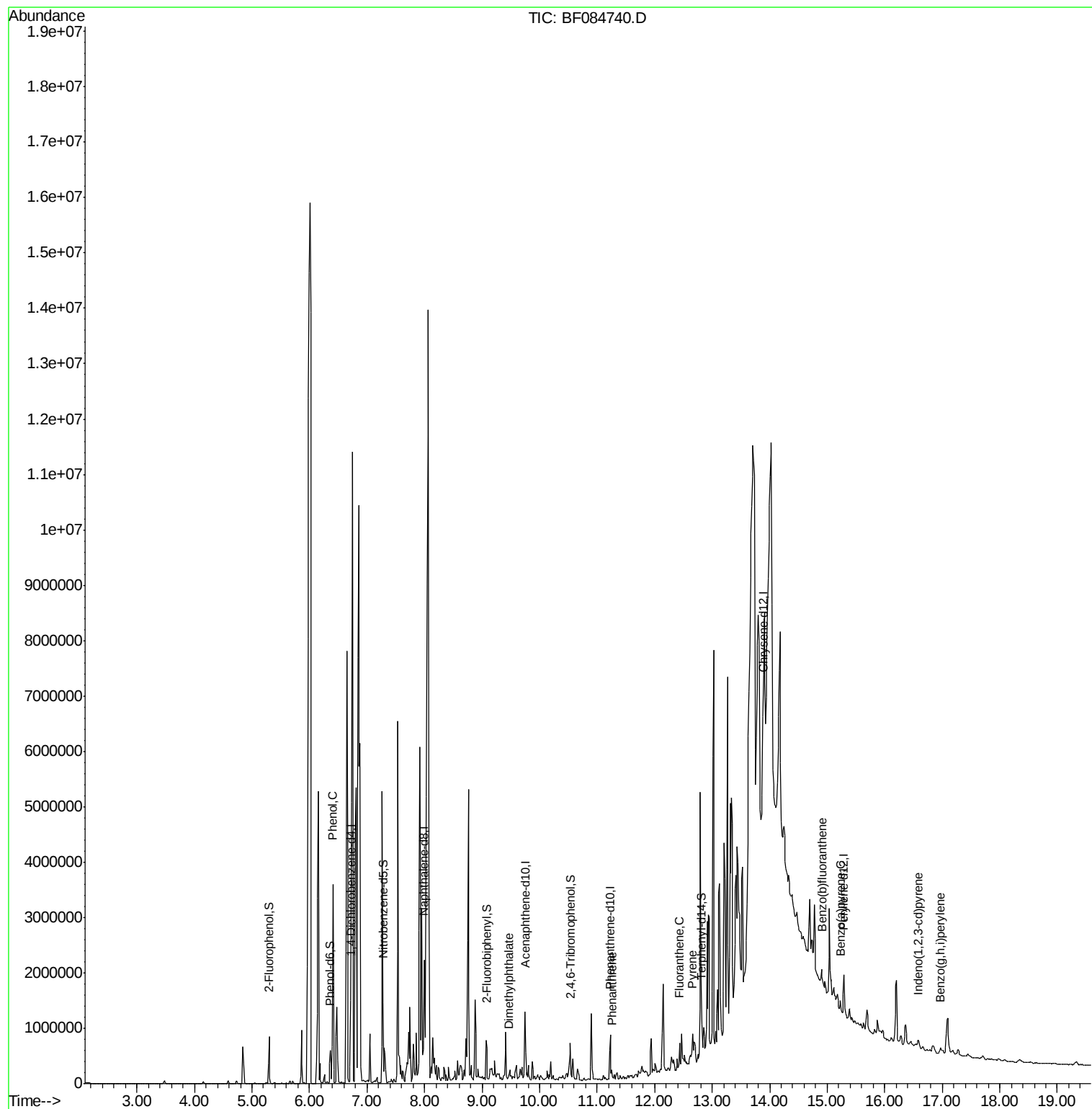
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084740.D
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Misc :
ALS Vial : 38 Sample Multiplier: 1

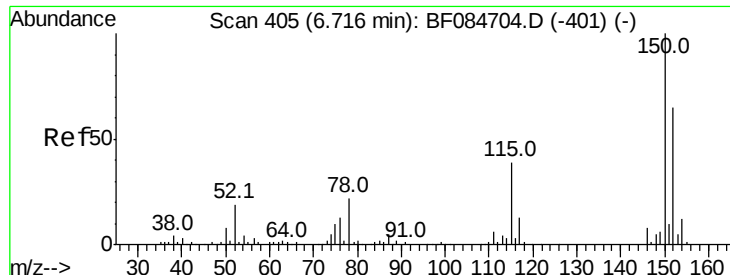
Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

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Quant Time: Feb 02 07:29:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

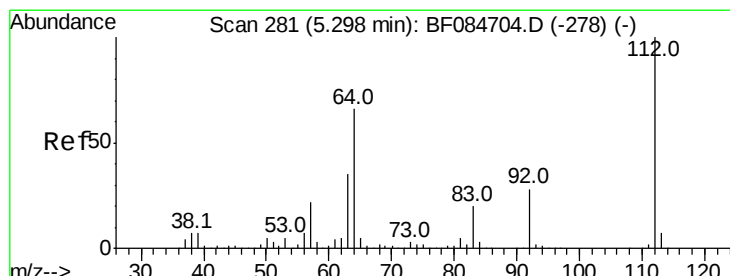
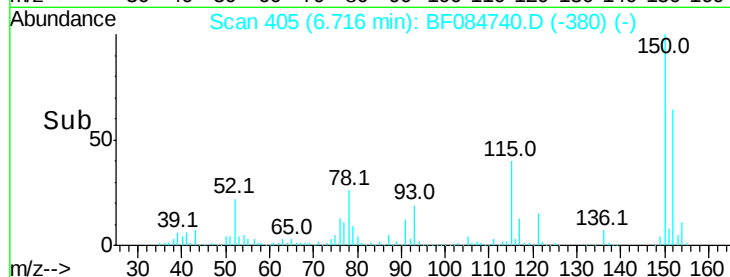
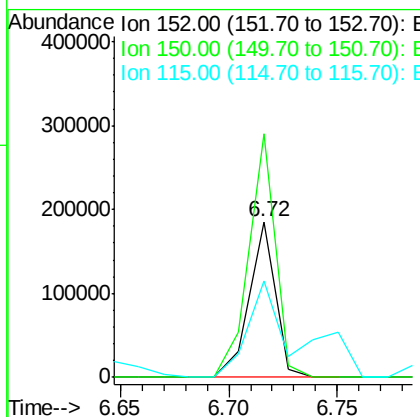
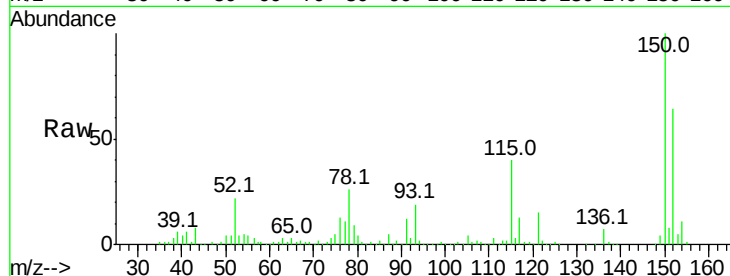
ClientSampleId :

SUP-B012(10-12.5)

Tot Ion:	152	Resp:	155194
Ion Ratio	Lower	Upper	
152	100		
150	156.6	123.0	184.4
115	62.0	51.4	77.2

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#5

2-Fluorophenol

Concen: 26.75 ng

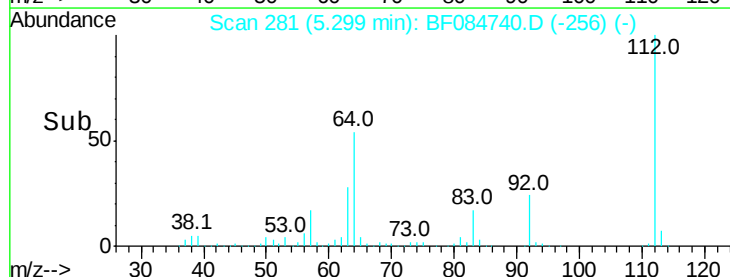
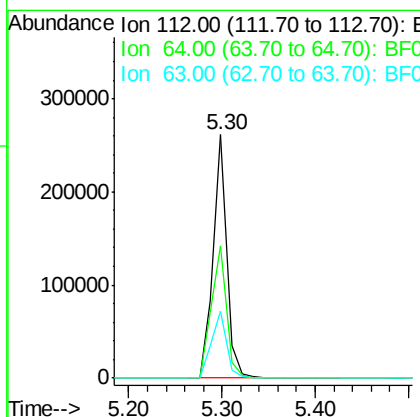
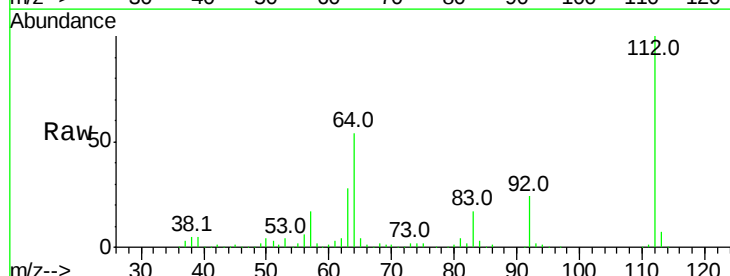
RT: 5.30 min Scan# 281

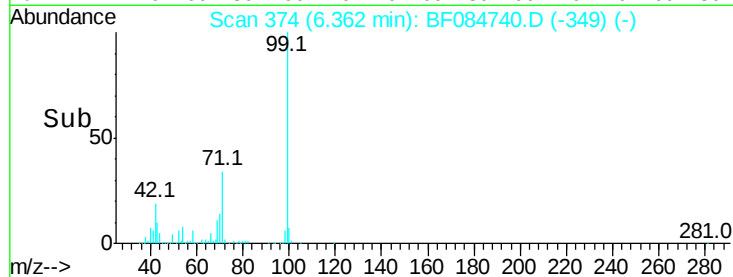
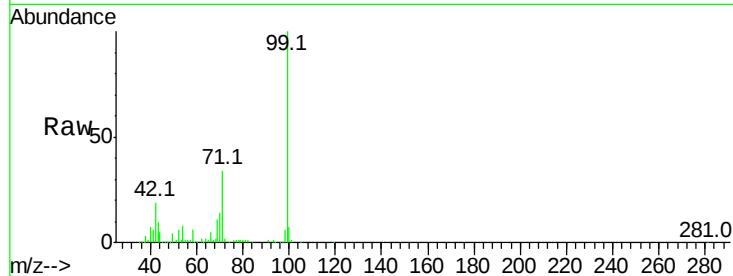
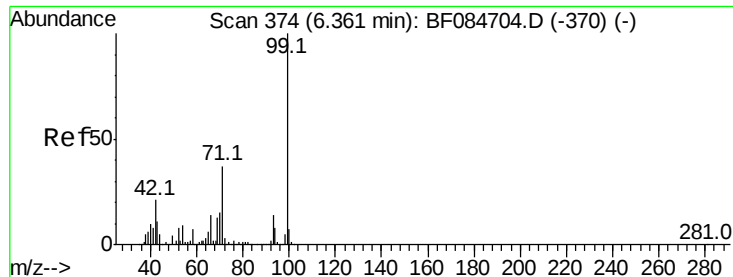
Delta R.T. -0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Tgt Ion:	112	Resp:	266515
Ion Ratio	Lower	Upper	
112	100		
64	54.4	36.6	55.0
63	27.5	19.4	29.0





#7

Phenol-d6

Concen: 25.83 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084740.D

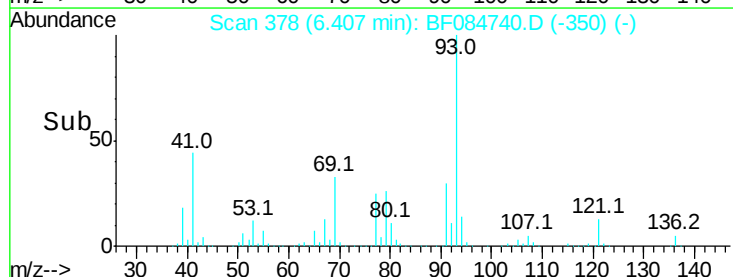
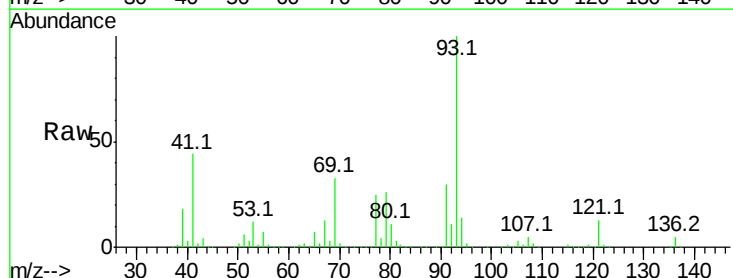
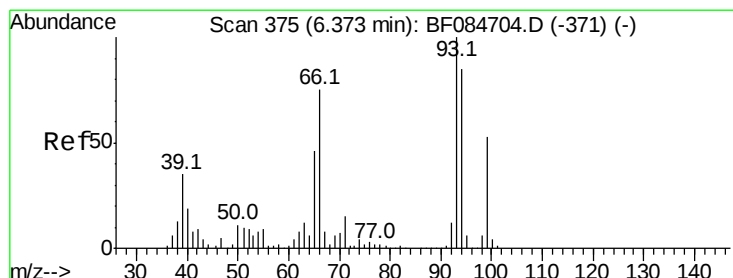
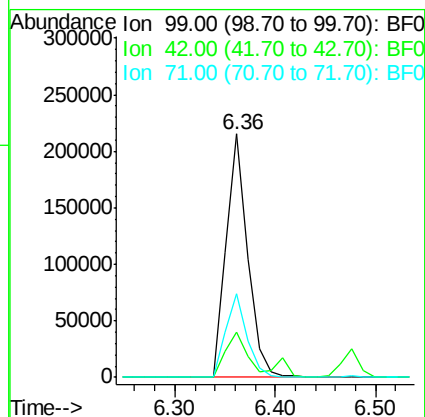
Acq: 2 Feb 2016 5:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		319060		
42	18.8	12.8	19.2		
71	34.3	30.9	46.3		

Instrument :
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#10

Phenol

Concen: 7.40 ng

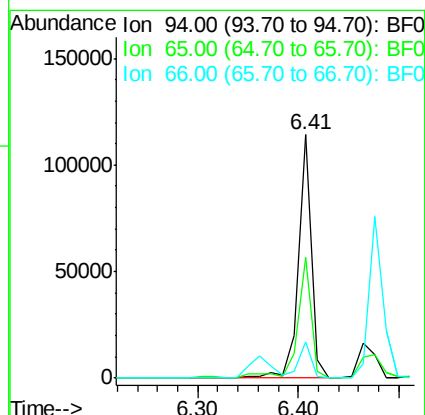
RT: 6.41 min Scan# 378

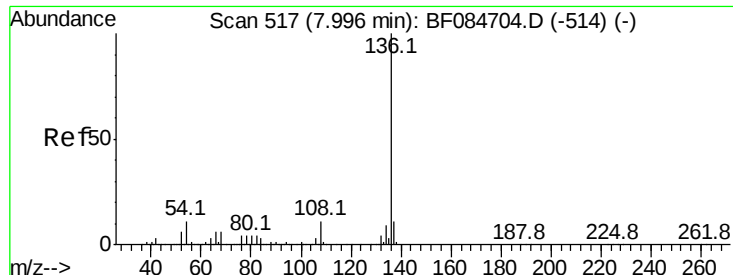
Delta R.T. 0.02 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		102340		
65	49.3	12.9	52.9		
66	15.0	32.7	72.7		





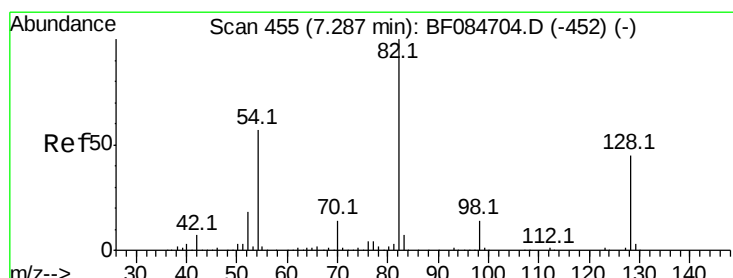
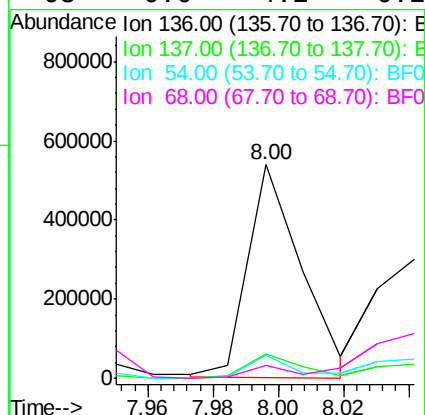
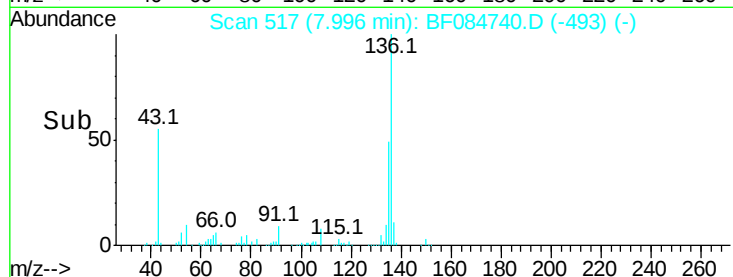
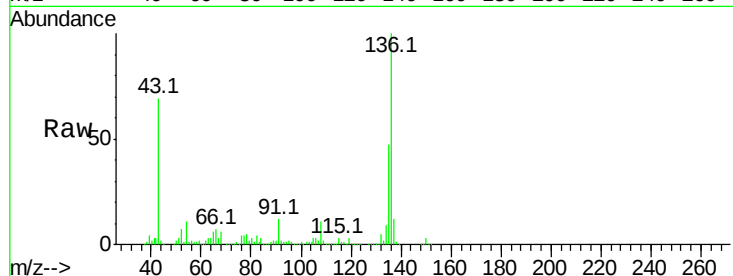
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
136	100			
137	11.7	8.7	13.1	
54	10.5	5.8	8.8	
68	6.0	4.2	6.2	

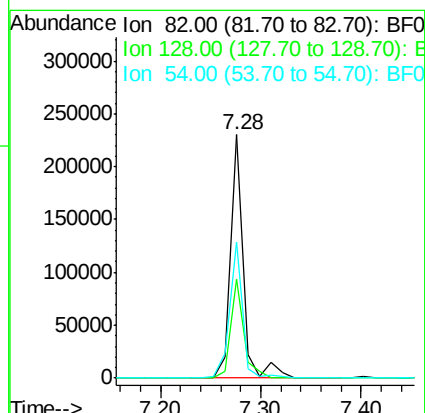
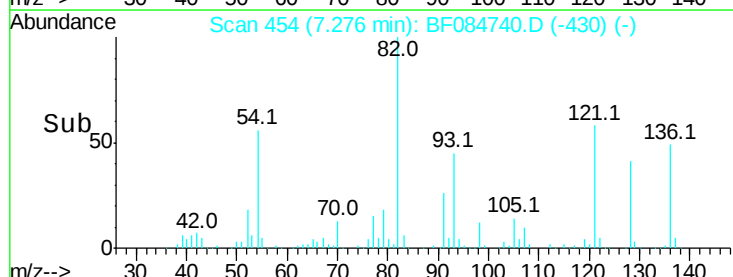
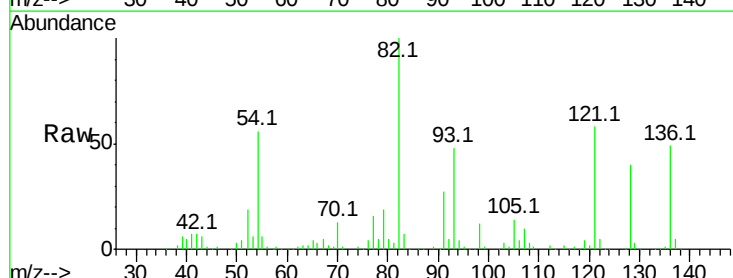
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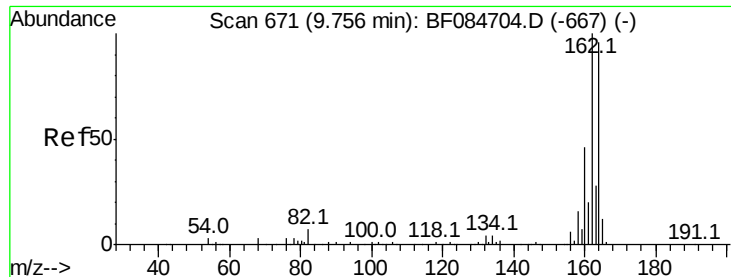
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#23
Nitrobenzene-d5
Concen: 18.84 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
82	100			
128	40.5	34.6	51.8	
54	55.8	38.4	57.6	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

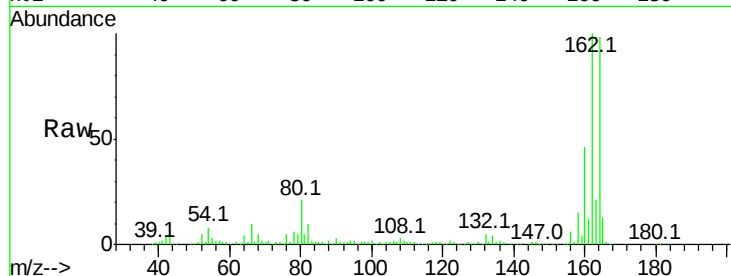
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SUP-B012(10-12.5)

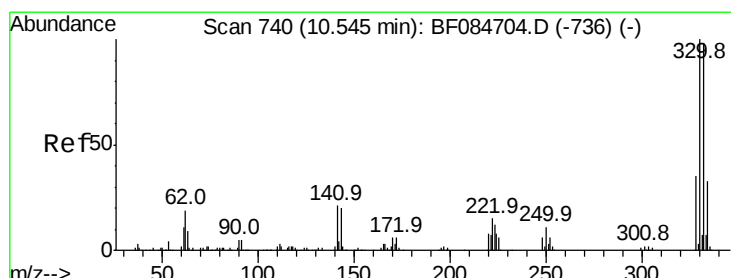
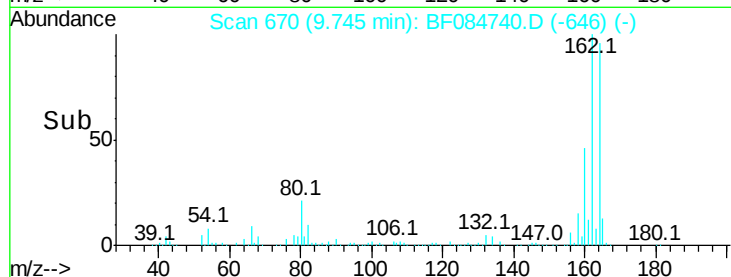
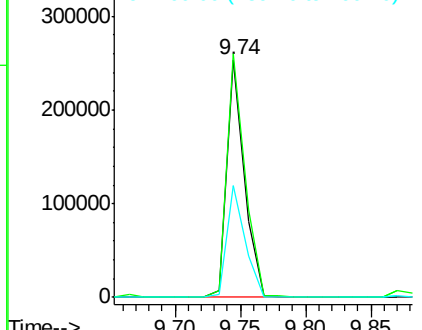
Tot Ion:	164	Resp:	236829
Ion Ratio	Lower	Upper	
164	100		
162	102.4	85.1	127.7
160	46.9	37.5	56.3

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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: 23.58 ng

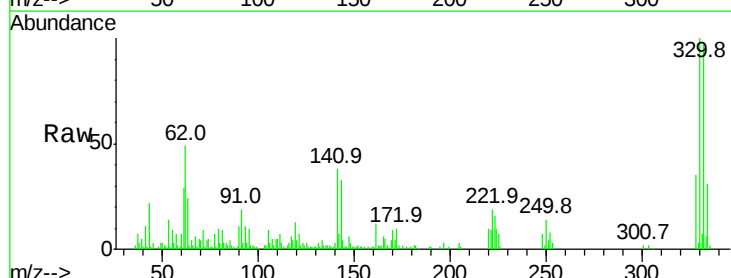
RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

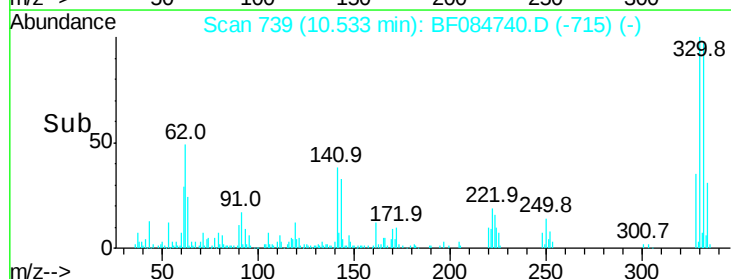
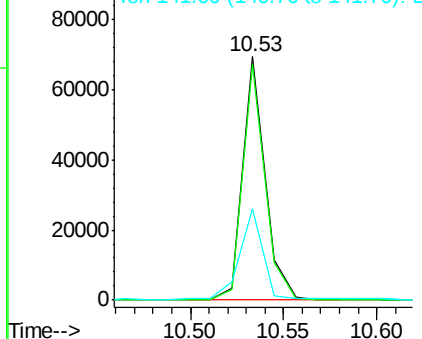
Lab File: BF084740.D

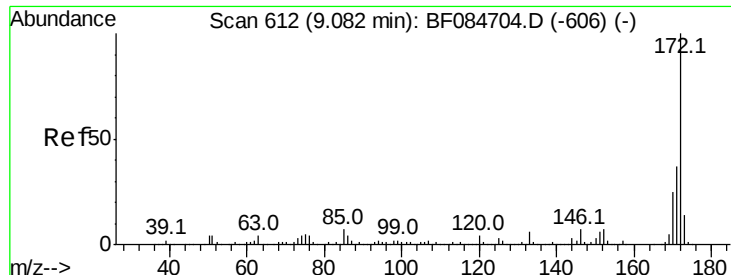
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Tgt Ion:	330	Resp:	58245
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.6	114.8
141	40.0	27.8	41.6



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





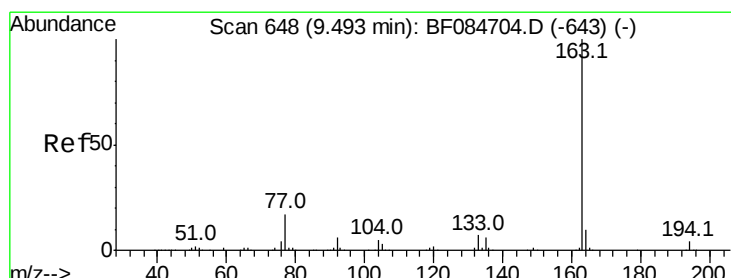
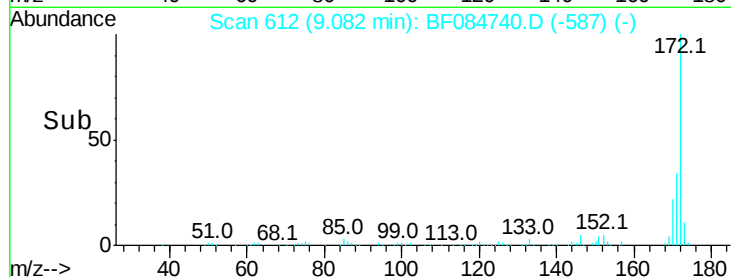
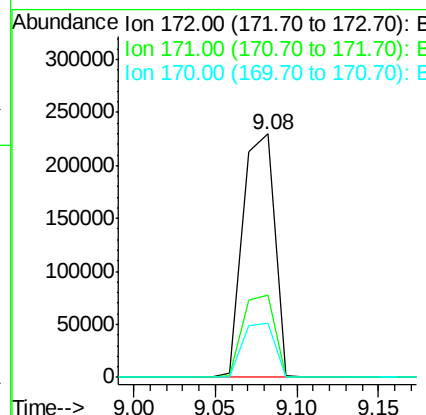
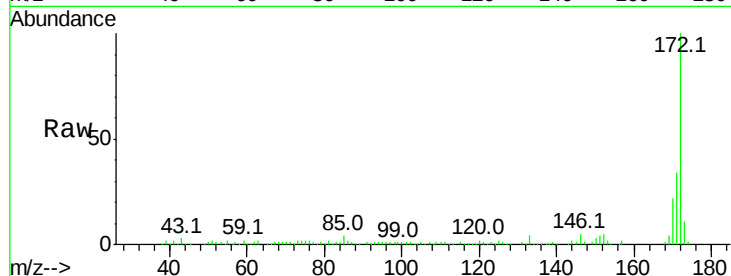
#44
2-Fluorobiphenyl
Concen: 16.50 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	307904		
171	34.0		28.9	43.3
170	22.3		18.6	27.8

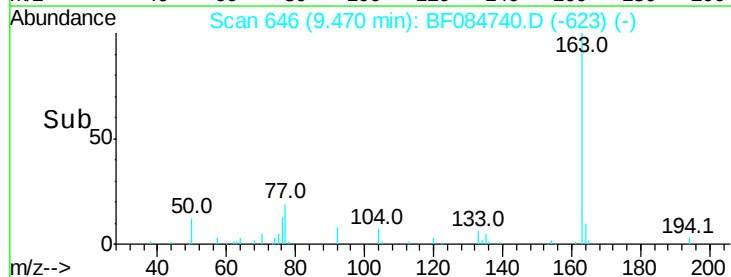
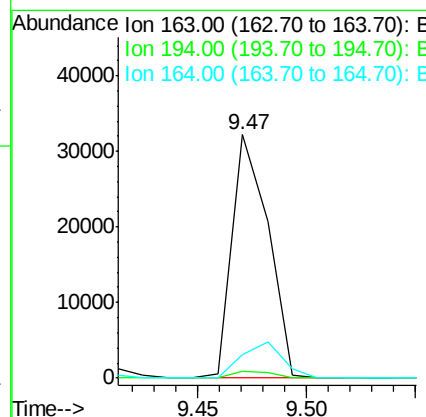
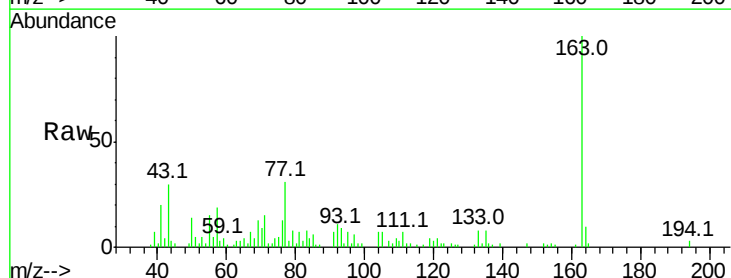
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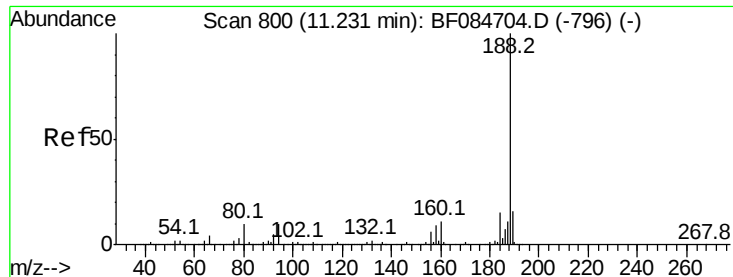
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#49
Dimethylphthalate
Concen: 2.06 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	37106		
194	2.9		8.0	12.0#
164	9.6		8.0	12.0





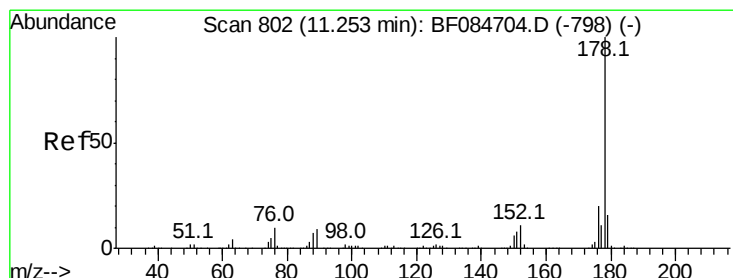
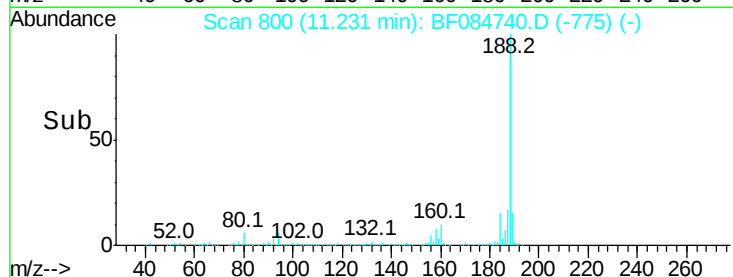
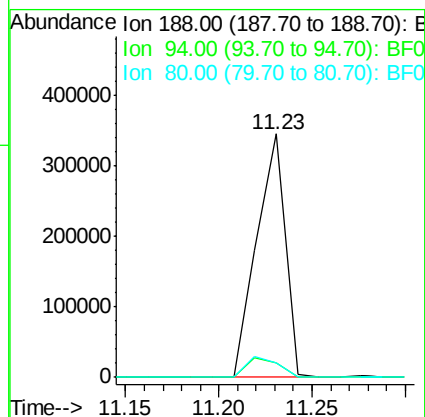
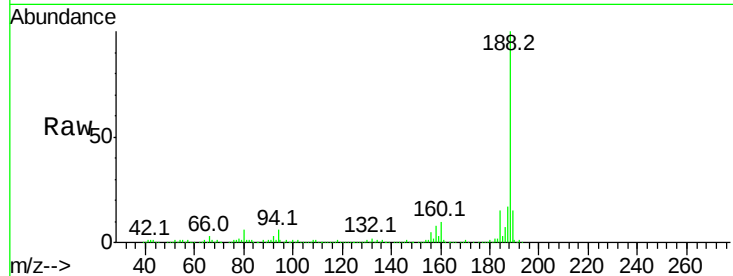
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	6.1	9.6	14.4#

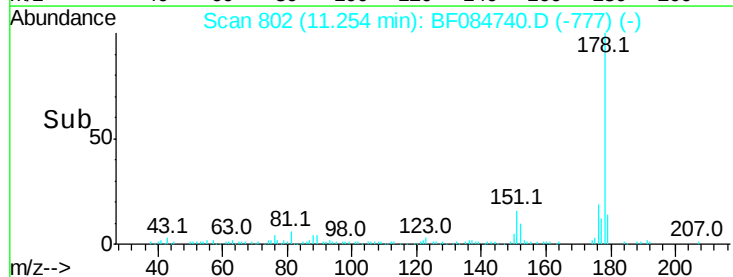
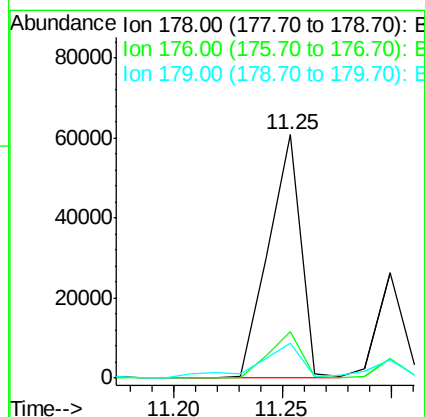
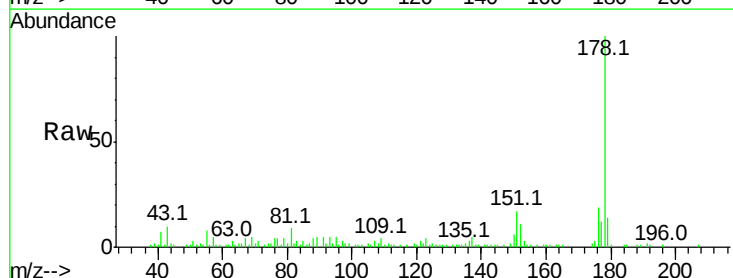
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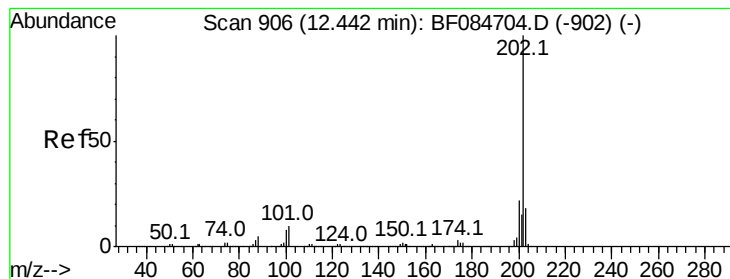
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#70
Phenanthrene
Concen: 3.14 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.3	22.9
179	14.3	12.0	18.0





#74

Fluoranthene

Concen: 10.22 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

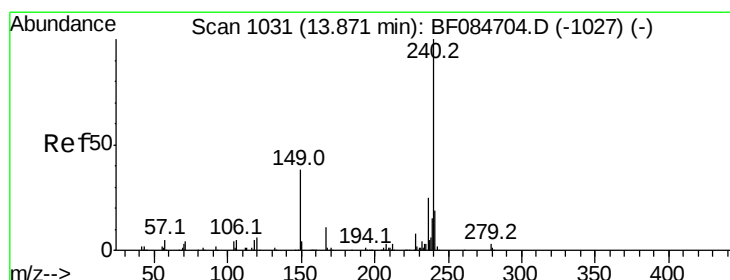
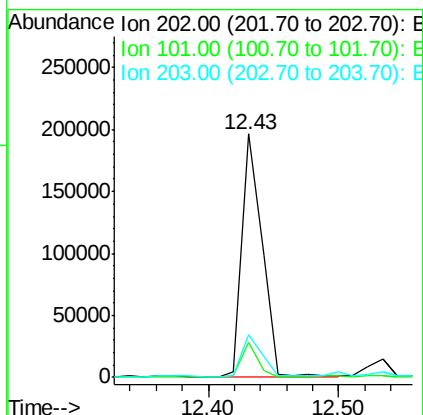
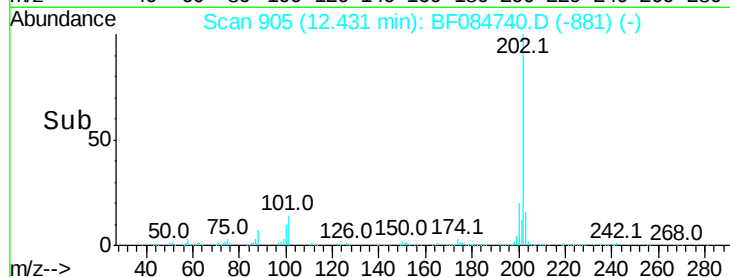
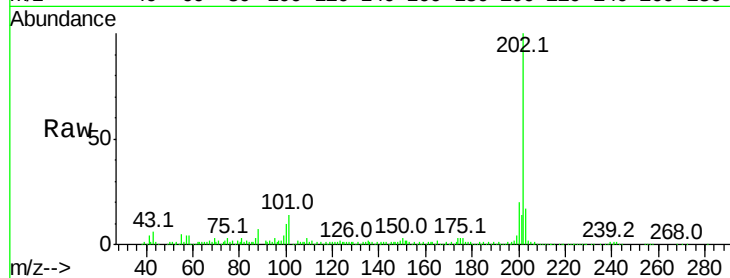
ClientSampleId :

SUP-B012(10-12.5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.2	0.0	32.8
203	17.4	0.0	37.9

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#75

Chrysene-d12

Concen: 20.00 ng

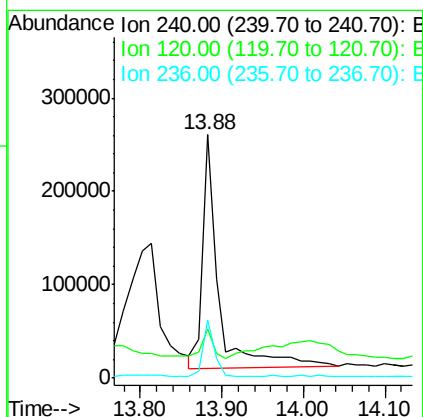
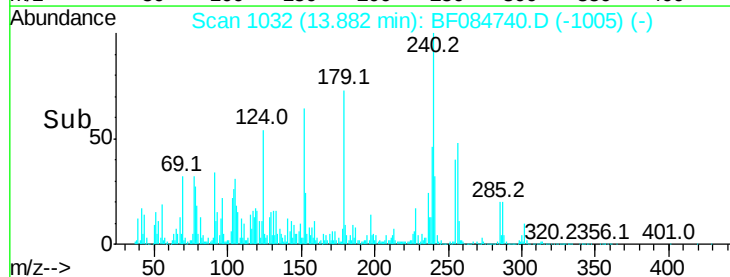
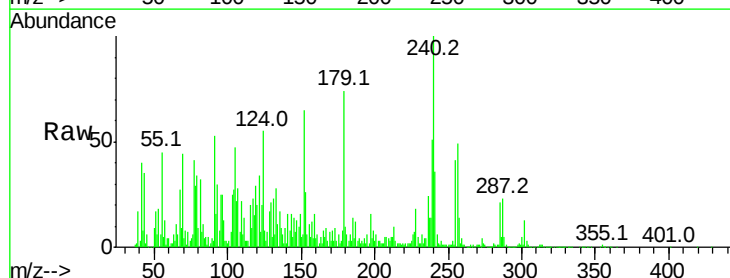
RT: 13.88 min Scan# 1032

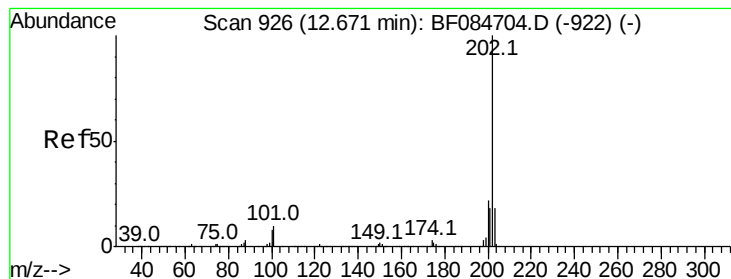
Delta R.T. 0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	20.3	9.5	14.3#
236	24.0	20.6	31.0





#77

Pvrene

Concen: 7.36 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

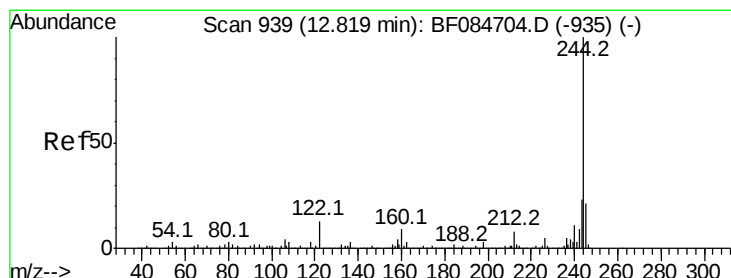
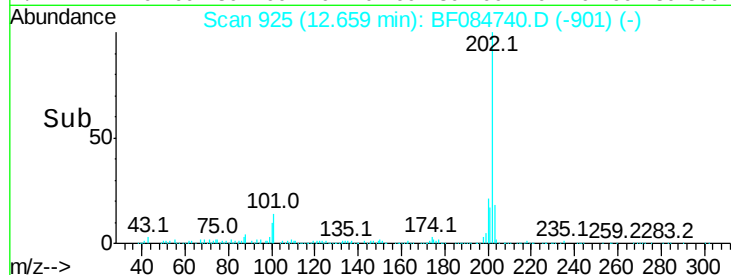
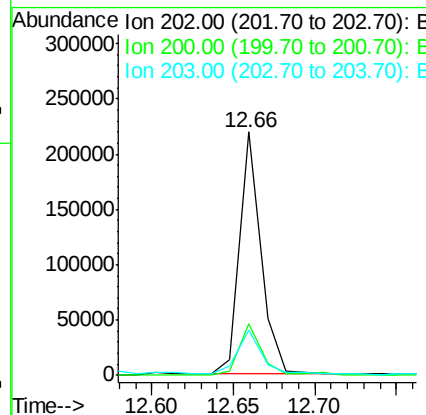
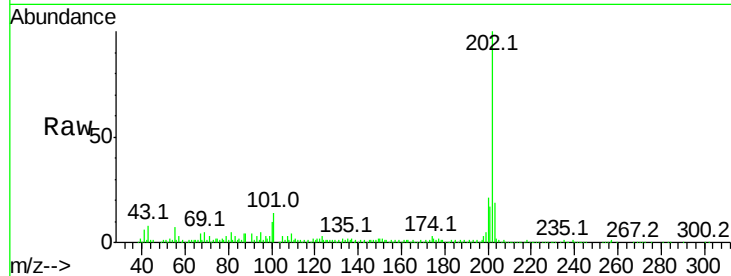
ClientSampleId :

SUP-B012(10-12.5)

Tot Ion:	202	Resp:	197158
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.2	25.8
203	18.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 13.39 ng

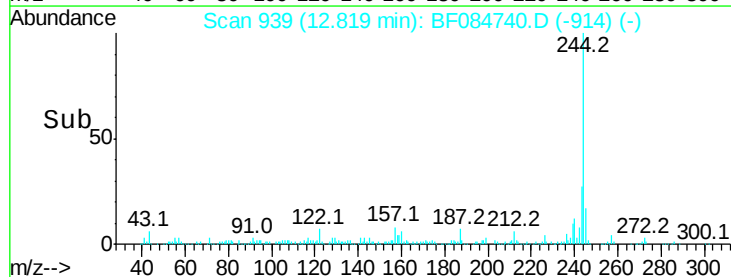
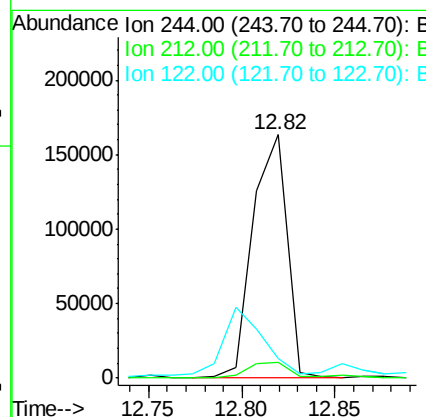
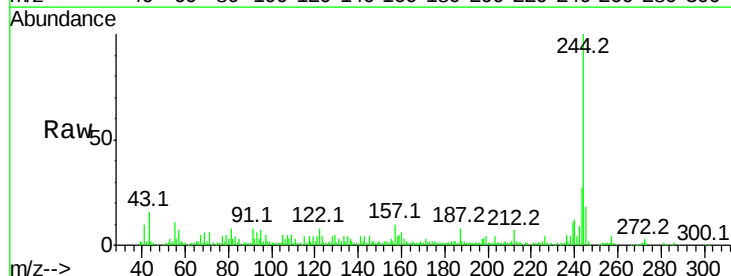
RT: 12.82 min Scan# 939

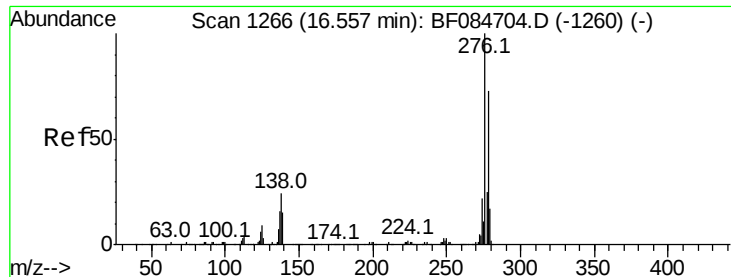
Delta R.T. -0.01 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Tgt Ion:	244	Resp:	206635
Ion Ratio		Lower	Upper
244	100		
212	6.5	5.7	8.5
122	7.8	7.4	11.0





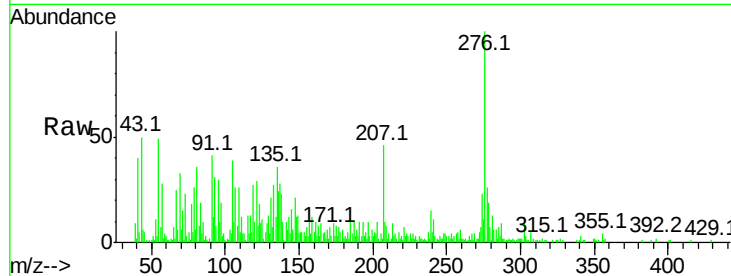
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.91 ng
RT: 16.58 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Instrument :
BNA_F
ClientSampleId :
SUP-B012(10-12.5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	20.6	30.8
277	28.9	20.1	30.1

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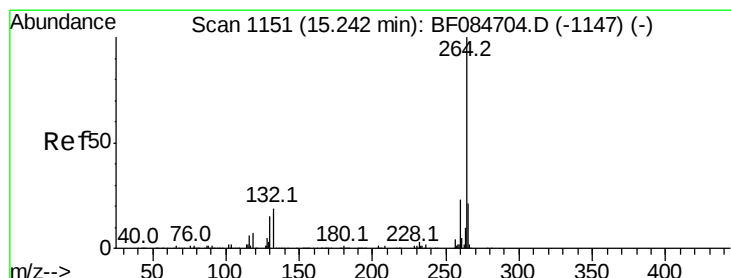
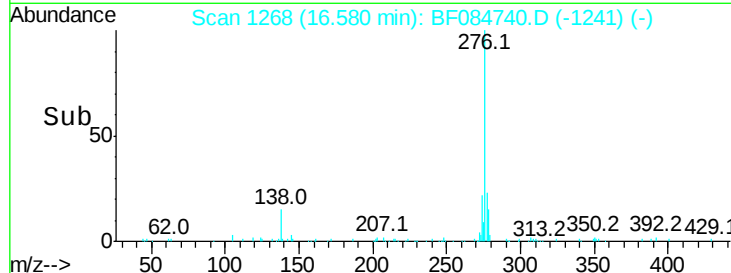
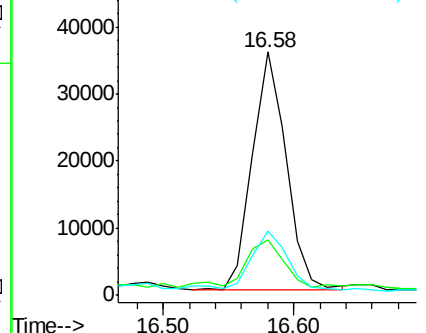


Abundance

Ion 276.00 (275.70 to 276.70): E

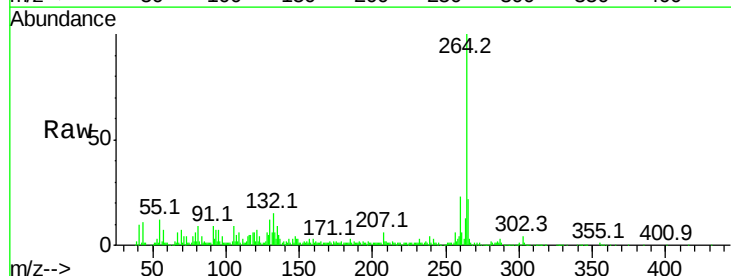
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. 0.03 min
Lab File: BF084740.D
Acq: 2 Feb 2016 5:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.5	17.8	26.6

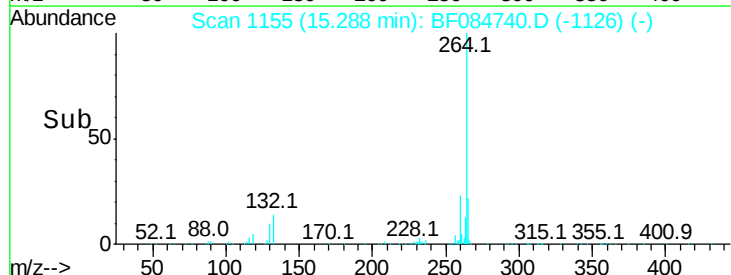
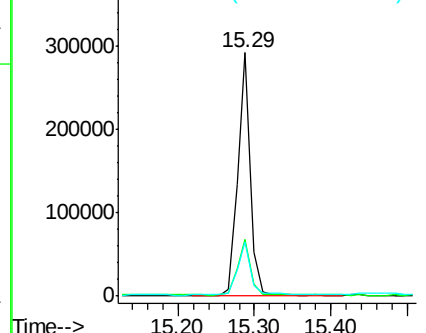


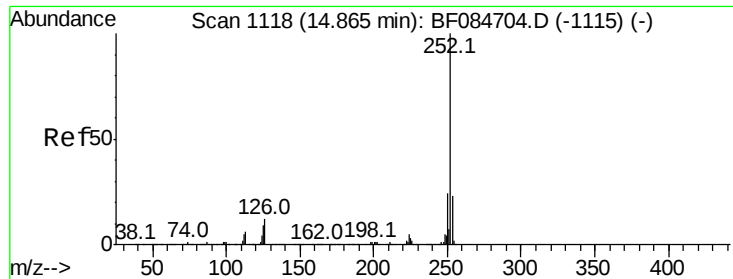
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.73 ng

RT: 14.91 min Scan# 1122

Delta R.T. 0.03 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Instrument :

BNA_F

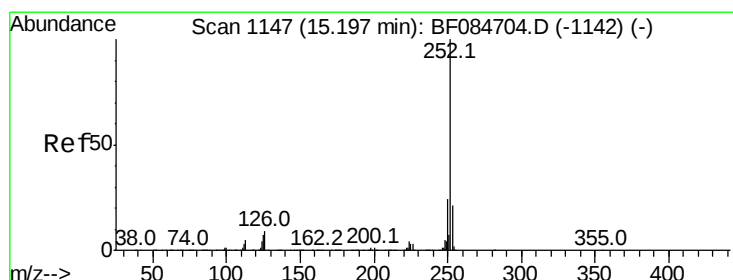
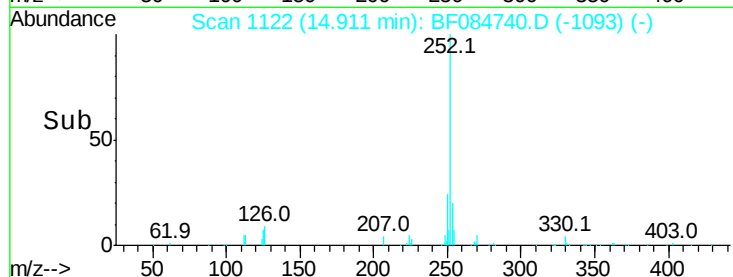
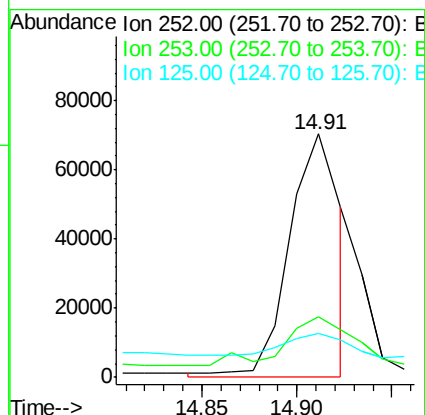
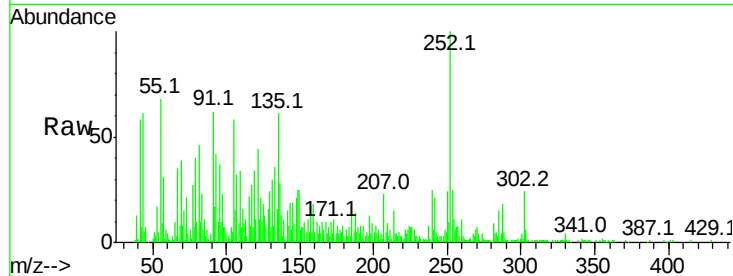
ClientSampleId :

SUP-B012(10-12.5)

Tot Ion:	252	Resp:	132040
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.3	25.9
125	17.9	6.5	9.7#

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#89

Benzo(a)pyrene

Concen: 4.69 ng

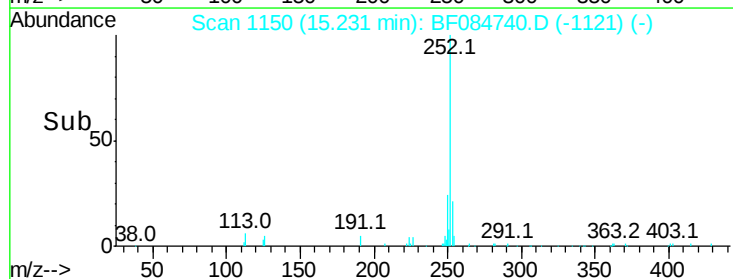
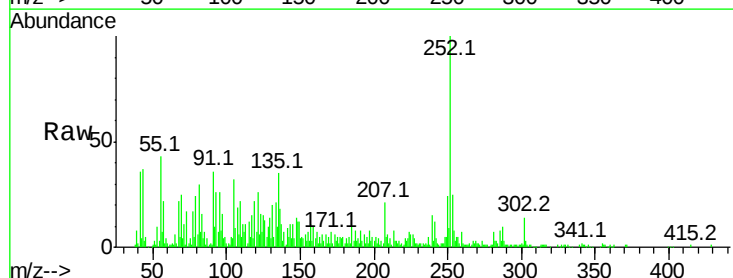
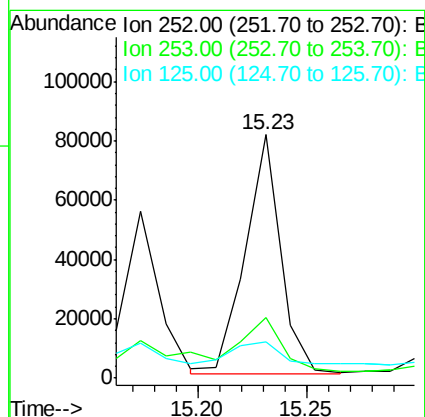
RT: 15.23 min Scan# 1150

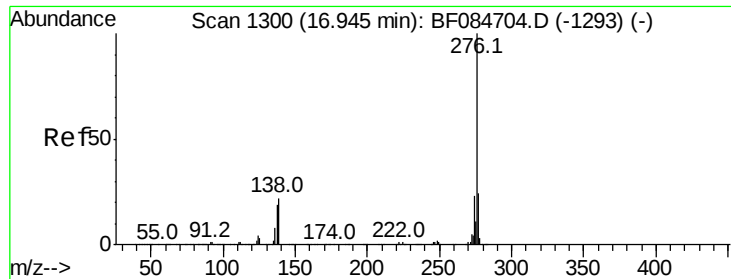
Delta R.T. 0.03 min

Lab File: BF084740.D

Acq: 2 Feb 2016 5:36

Tgt Ion:	252	Resp:	91983
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.3	25.9
125	14.8	7.0	10.4#





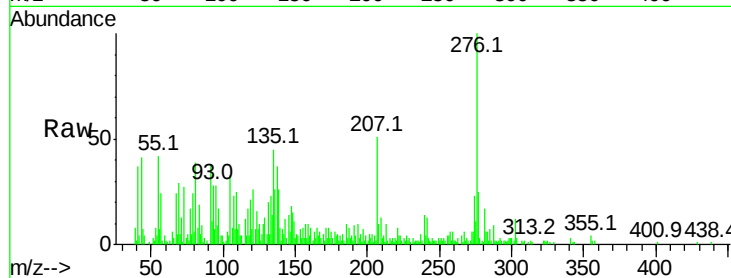
#91
 Benzo(a,h,i)perylene
 Concen: 3.85 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF084740.D
 Acq: 2 Feb 2016 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(10-12.5)

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	25.8	17.8	26.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

