

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108852.D
 Acq On : 7 Sep 2018 11:31
 Operator : JU/SJ
 Sample : J4803-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-E7

Manual Integrations
 APPROVED

Sohil
 9/10/2018 10:39:16 AM

Quant Time: Sep 07 13:42:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	282317	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1119367	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	569782	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1089937	20.00	ng	0.00
75) Chrysene-d12	13.87	240	656114	20.00	ng	0.00
86) Perylene-d12	15.28	264	687842	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1291971	75.81	ng	0.01
7) Phenol-d6	6.37	99	1705003	77.76	ng	0.00
23) Nitrobenzene-d5	7.30	82	1073802	60.03	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	424103	77.97	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1827864	54.73	ng	0.00
78) Terphenyl-d14	12.83	244	1716296	61.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	810512	20.338	ng	99
70) Phenanthrene	11.27	178	110994	2.132	ng	98
74) Fluoranthene	12.45	202	238663	4.631	ng	99
77) Pyrene	12.67	202	224239	4.442	ng	98
82) Chrysene	13.89	228	88609	2.176	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	74065	2.592	ng	99
87) Benzo(b)fluoranthene	14.88	252	115291m	3.083	ng	
89) Benzo(a)pyrene	15.21	252	76181	2.257	ng	# 91
91) Benzo(g,h,i)perylene	17.03	276	61524	2.066	ng	96

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

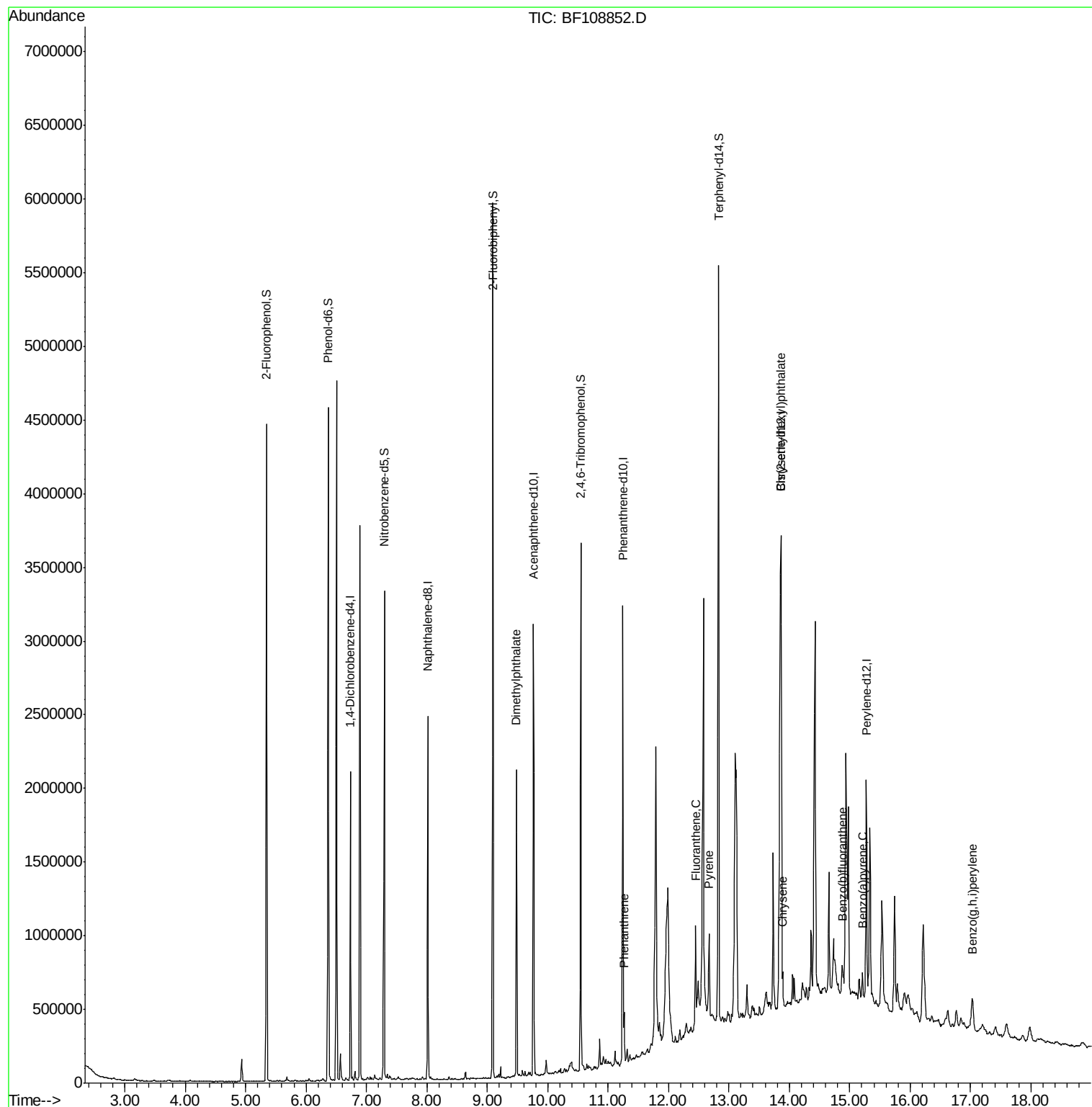
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108852.D
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Operator : JU/SJ
Sample : J4803-03
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ALS Vial : 4 Sample Multiplier: 1

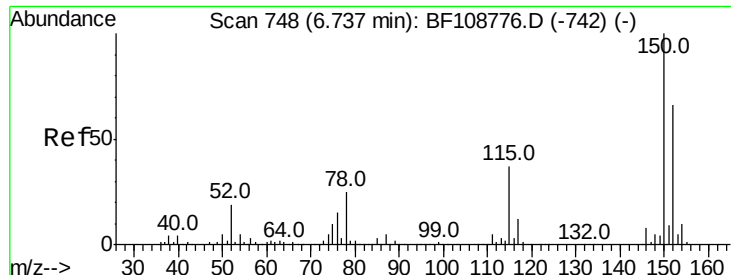
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

Manual Integrations
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Quant Time: Sep 07 13:42:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration





#1

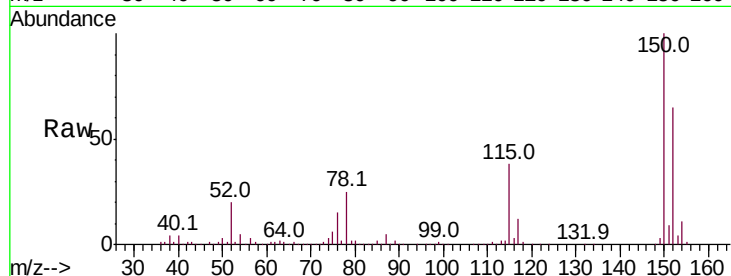
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108852.D
Acq: 7 Sep 2018 11:31

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	59.0	50.1	75.1

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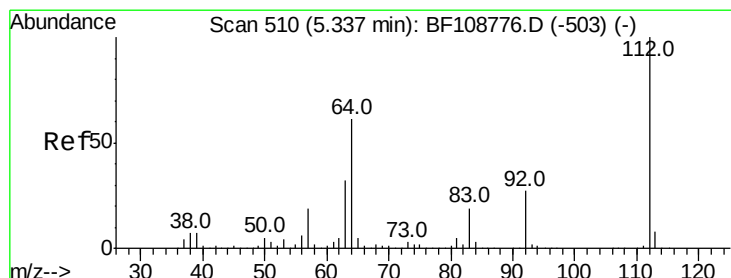
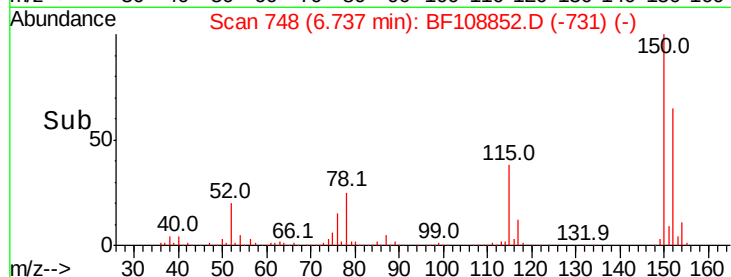
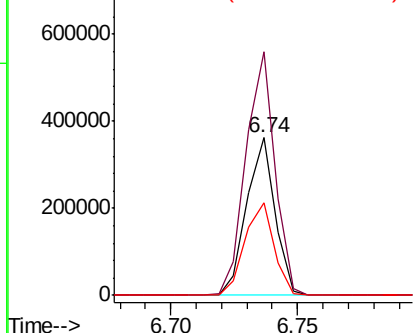


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

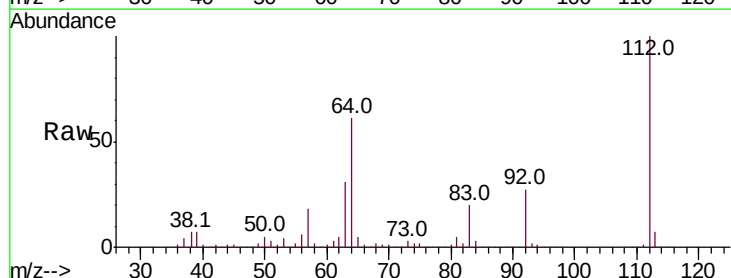
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.814 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108852.D
Acq: 7 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	31.3	23.7	35.5

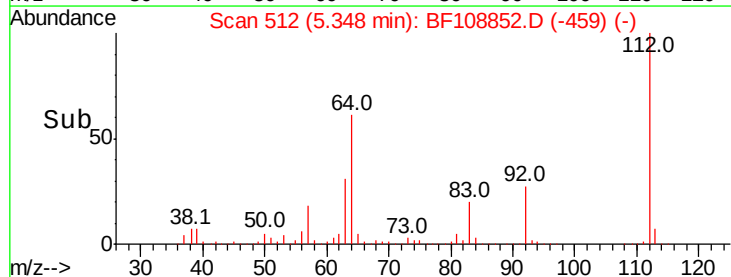
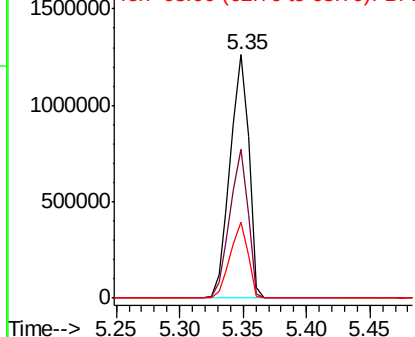


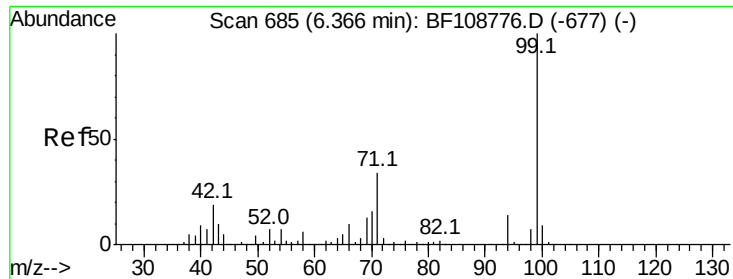
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 77.761 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108852.D

Acq: 7 Sep 2018 11:31

Instrument :

BNA_F

ClientSampled :

EP1-Q2-E7

Tot Ion: 99 Resp: 1705003

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

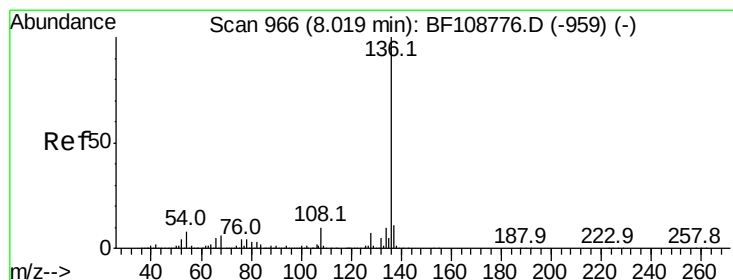
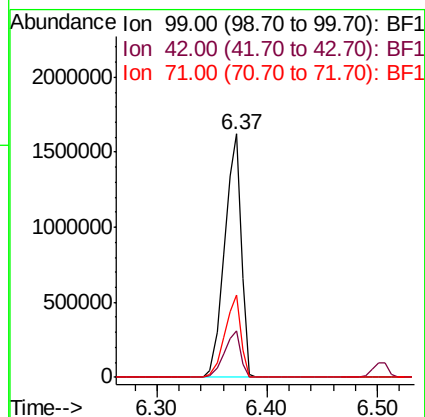
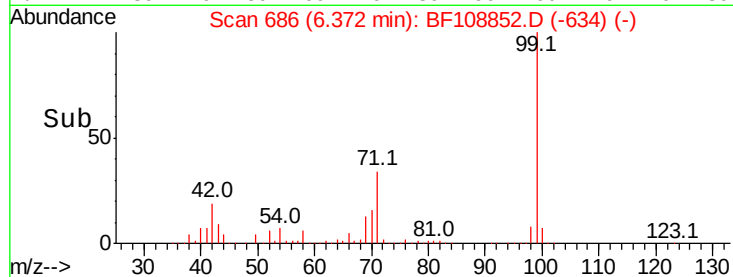
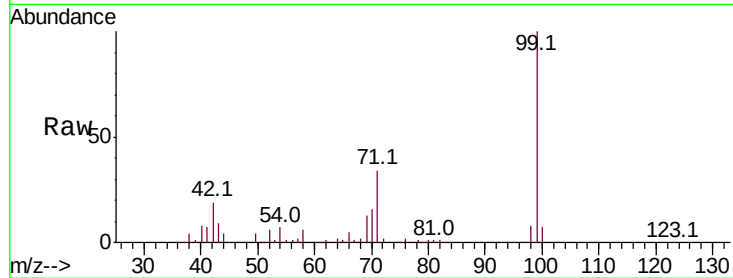
71 34.0 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108852.D

Acq: 7 Sep 2018 11:31

Tgt Ion: 136 Resp: 1119367

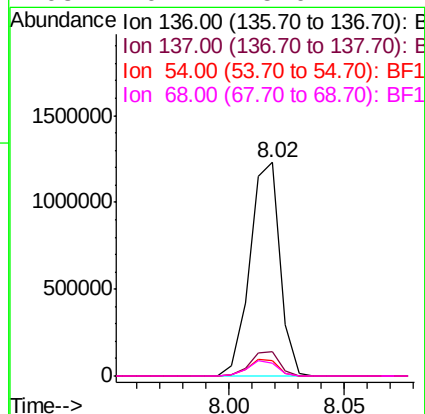
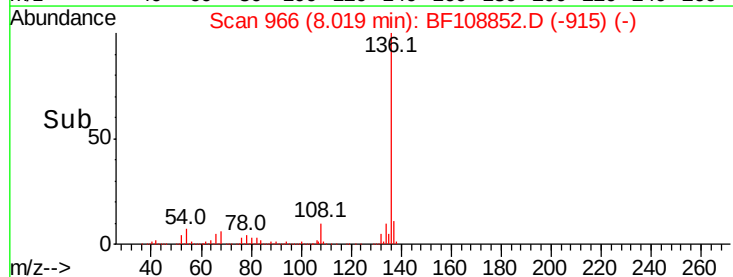
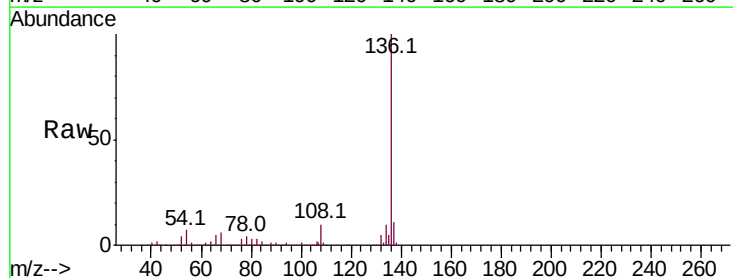
Ion Ratio Lower Upper

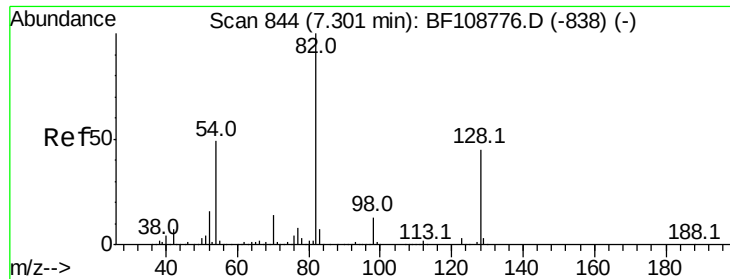
136 100

137 11.2 8.9 13.3

54 7.1 6.6 9.8

68 6.1 5.0 7.4





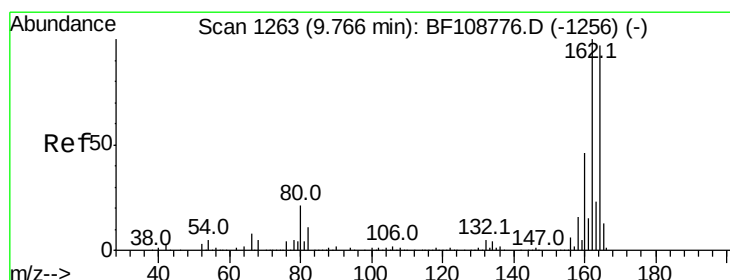
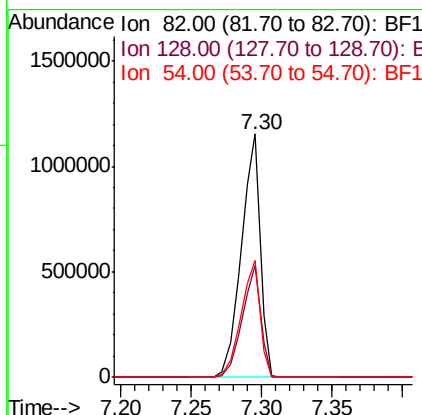
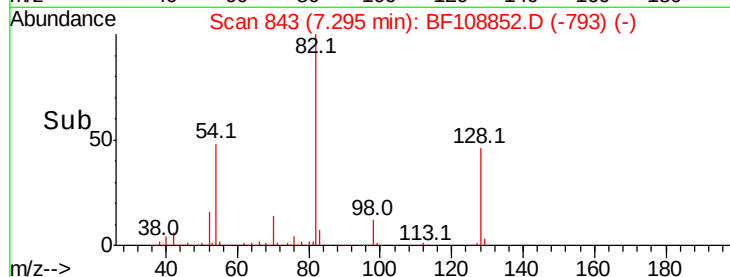
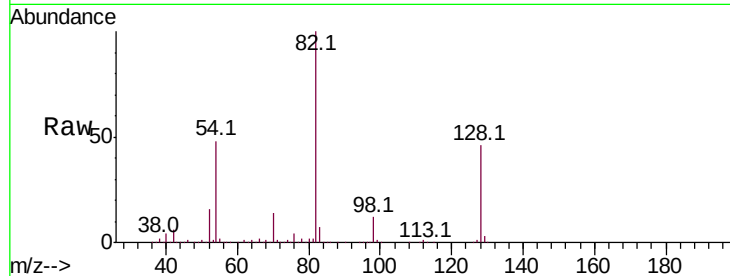
#23
Nitrobenzene-d5
Concen: 60.034 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108852.D
Acq: 7 Sep 2018 11:31

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

Tot Ion: 82 Resp: 1073802
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 47.8 41.4 62.2

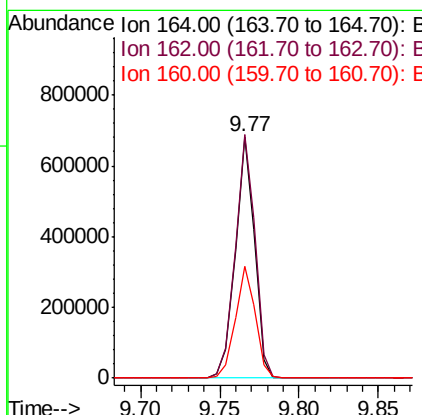
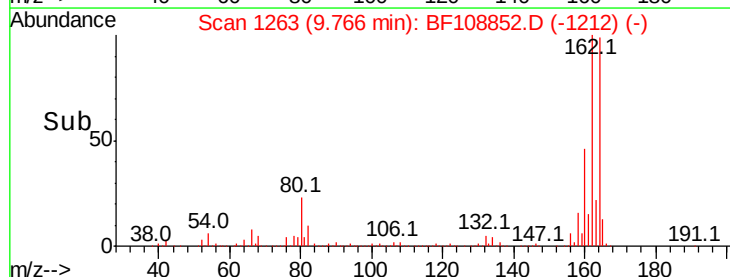
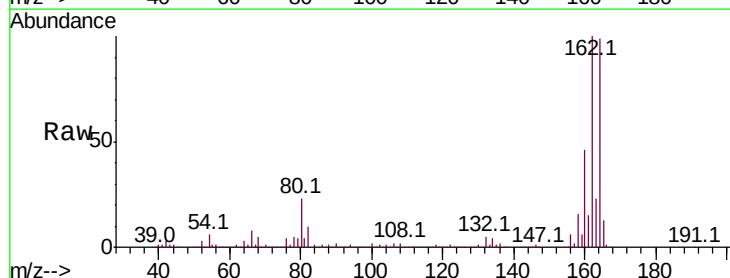
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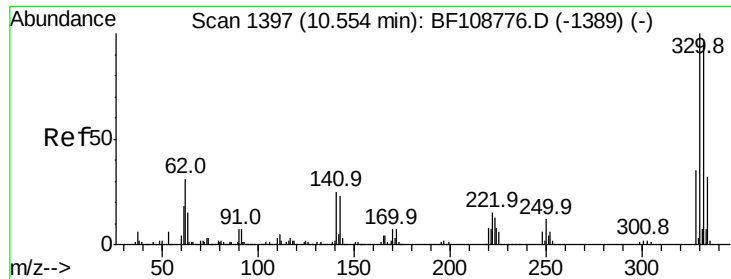
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108852.D
Acq: 7 Sep 2018 11:31

Tgt Ion: 164 Resp: 569782
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 46.5 38.3 57.5





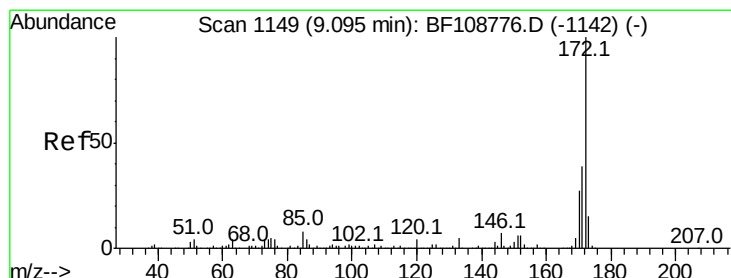
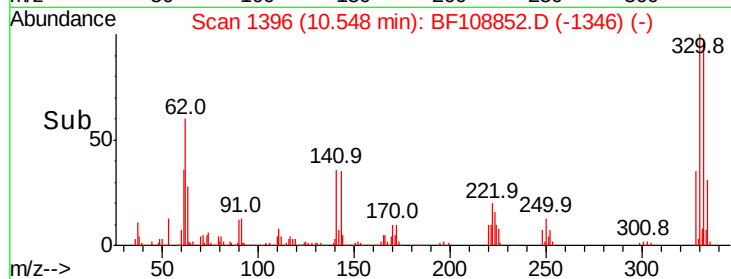
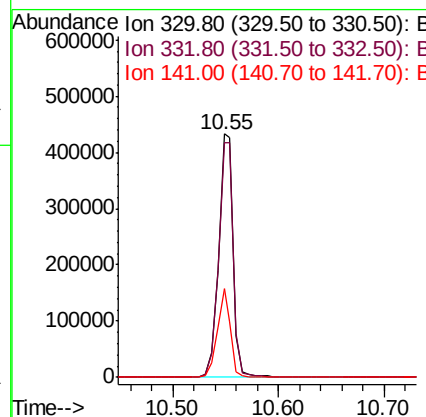
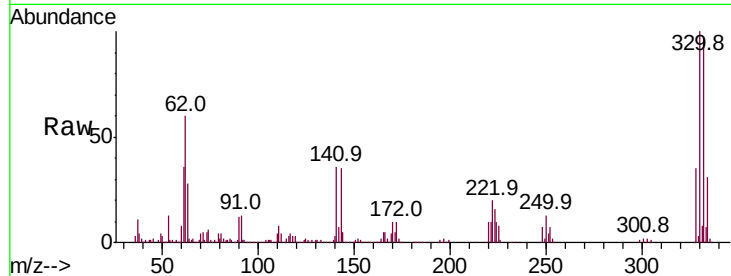
#41
 2,4,6-Tribromophenol
 Concen: 77.968 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q2-E7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	424103		
332	98.3	77.0	115.6	
141	33.0	29.9	44.9	

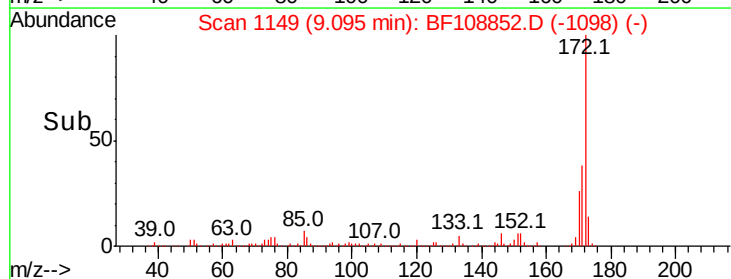
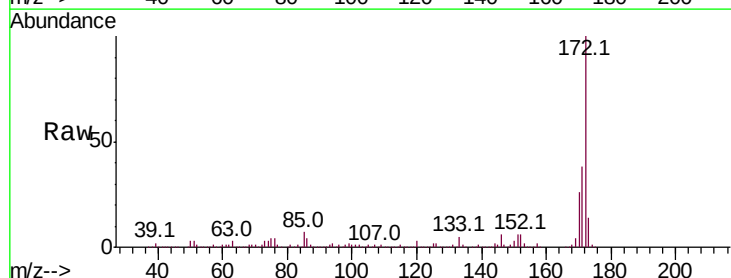
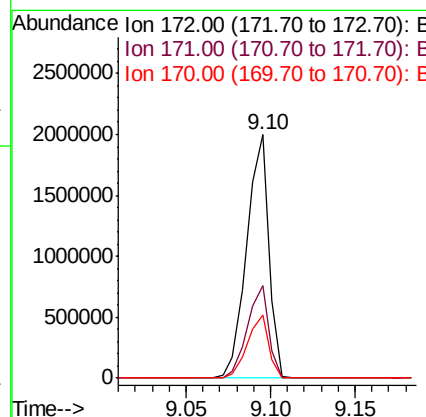
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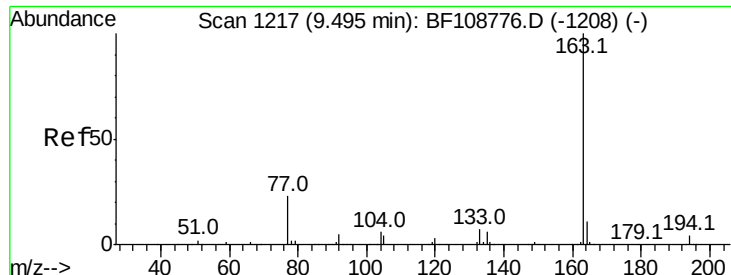
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#44
 2-Fluorobiphenyl
 Concen: 54.728 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1827864		
171	38.0	29.7	44.5	
170	25.9	19.6	29.4	





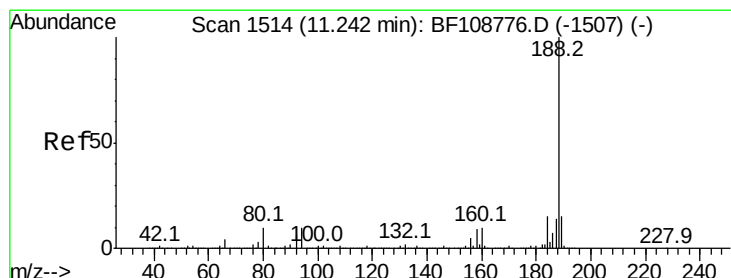
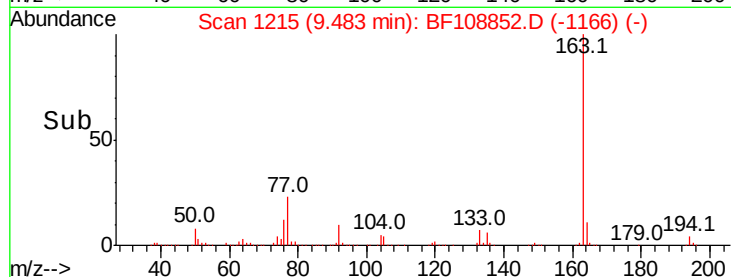
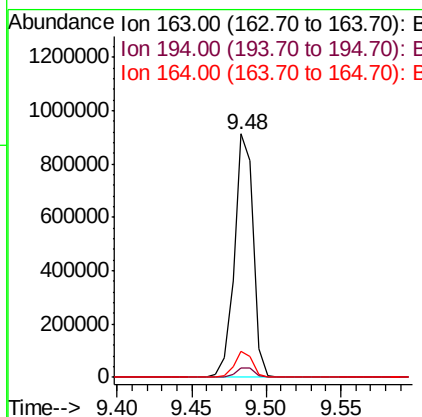
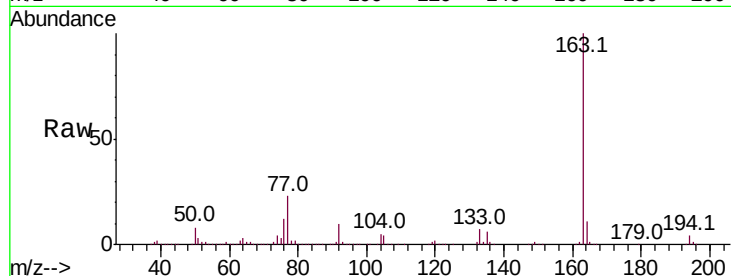
#49
Dimethylphthalate
Concen: 20.338 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108852.D
Acq: 7 Sep 2018 11:31

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

Tot Ion	Ratio	Resp	Lower	Upper
163	100	810512		
194	3.7		2.7	4.1
164	10.8		8.2	12.2

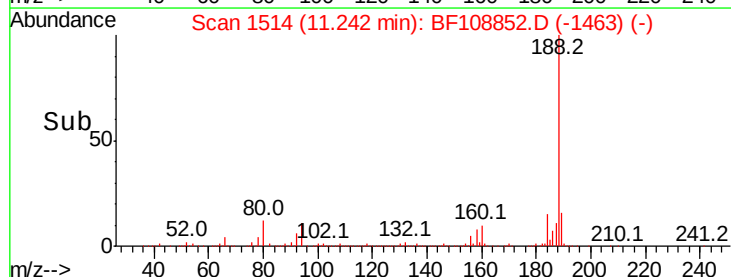
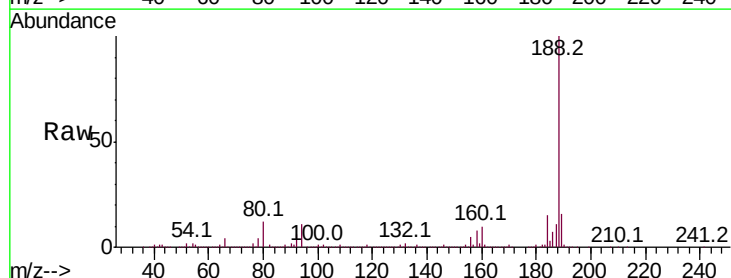
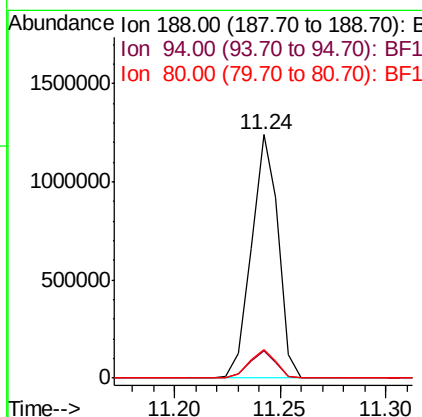
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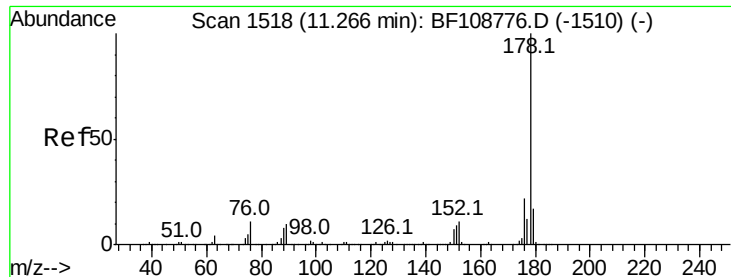
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108852.D
Acq: 7 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1089937		
94	11.1		8.5	12.7
80	11.7		9.2	13.8





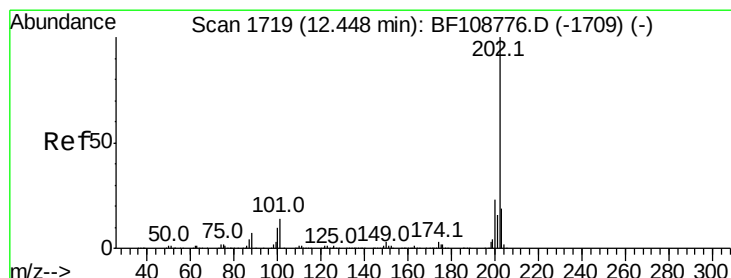
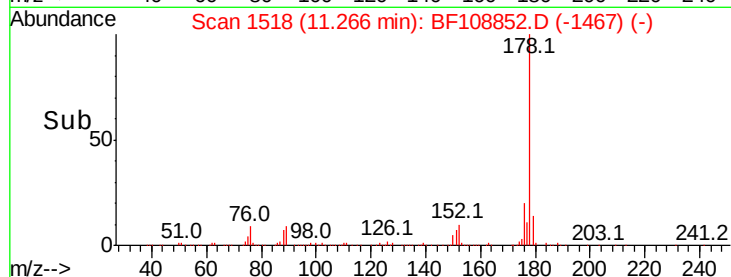
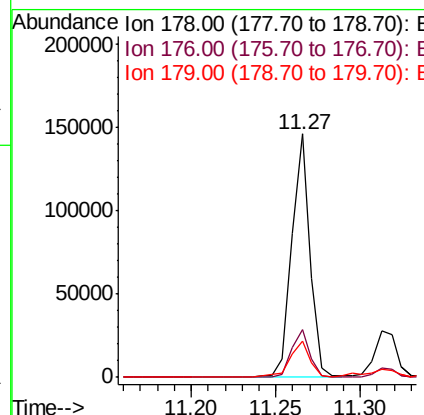
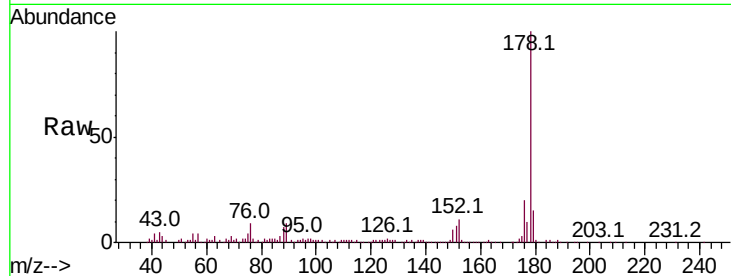
#70
Phenanthrene
Concen: 2.132 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108852.D
Acq: 7 Sep 2018 11:31

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	14.8	13.0	19.6

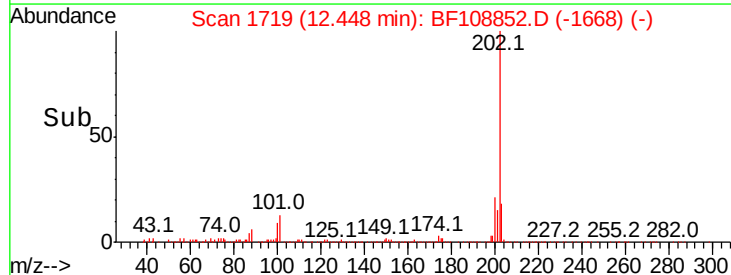
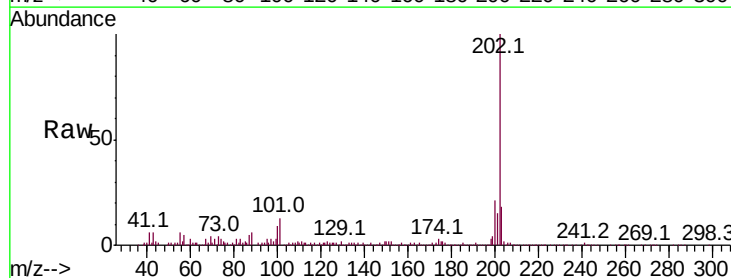
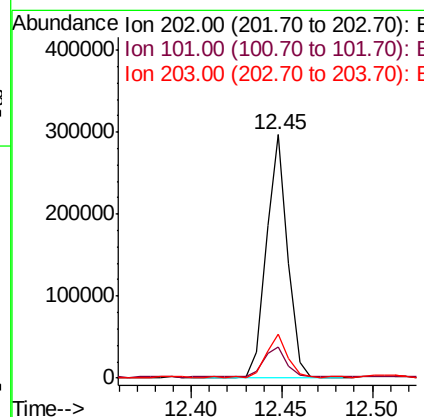
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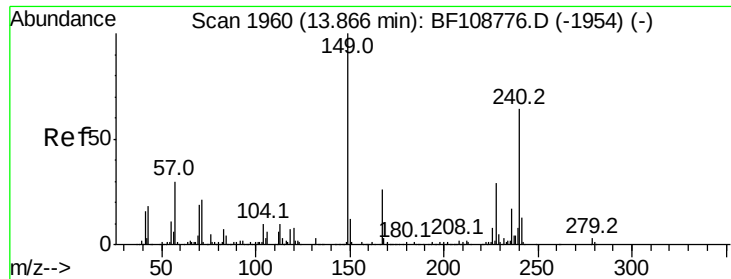
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#74
Fluoranthene
Concen: 4.631 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108852.D
Acq: 7 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.1	0.0	38.1





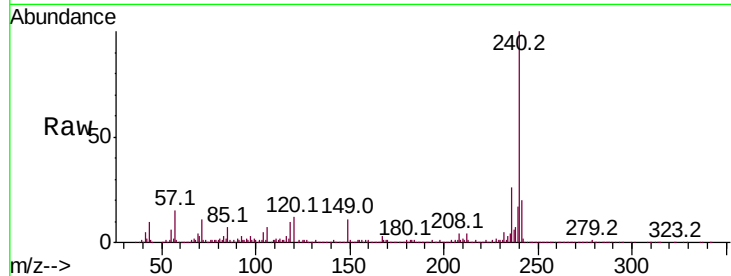
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Instrument :
 BNA_F
 ClientSampleID :
 EP1-Q2-E7

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.6	9.5	14.3	
236	26.2	20.7	31.1	

Manual Integrations
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 9/10/2018 10:39:16 AM

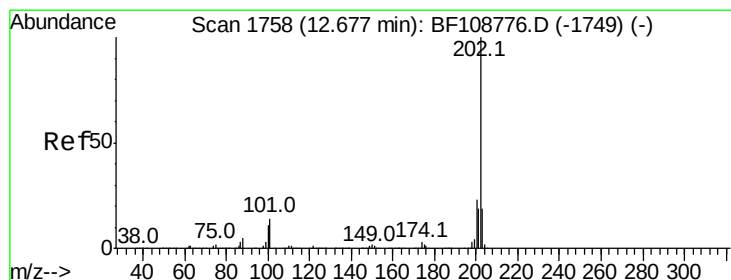
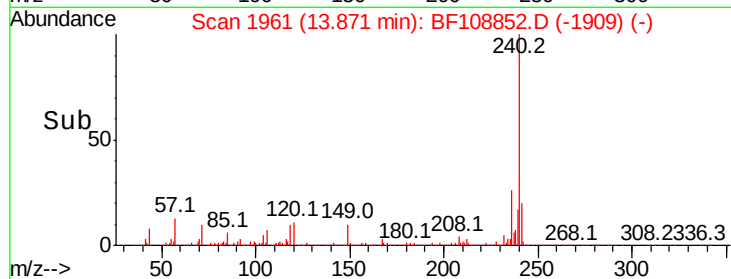
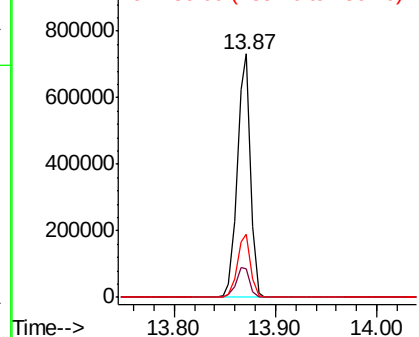


Abundance

Ion 240.00 (239.70 to 240.70): E

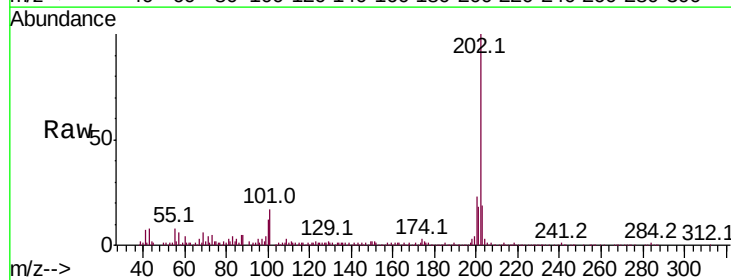
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
 Pyrene
 Concen: 4.442 ng
 RT: 12.67 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.6	17.4	26.2	
203	19.0	14.3	21.5	

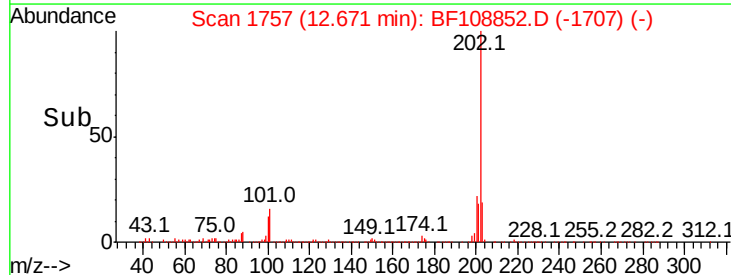
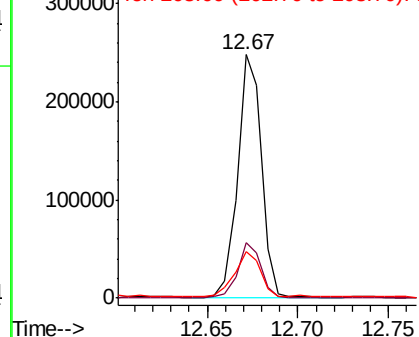


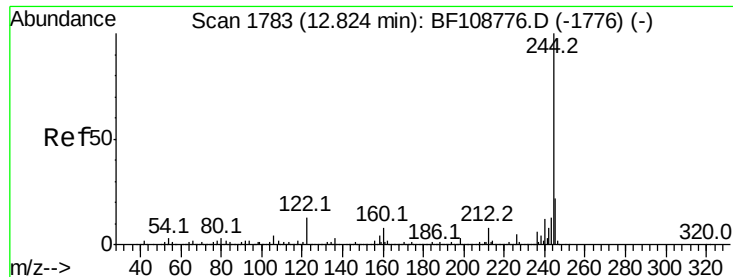
Abundance

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





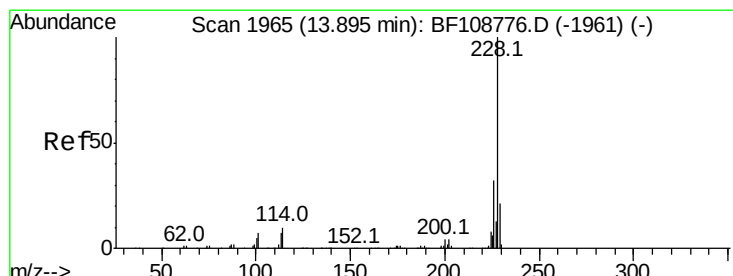
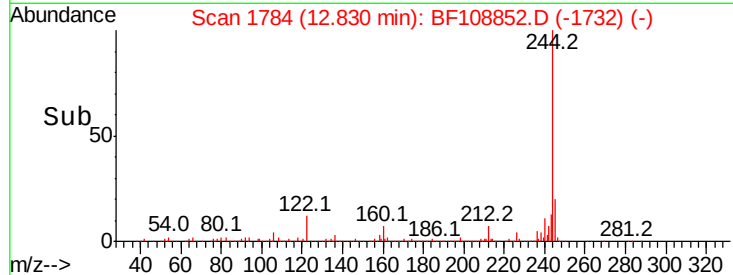
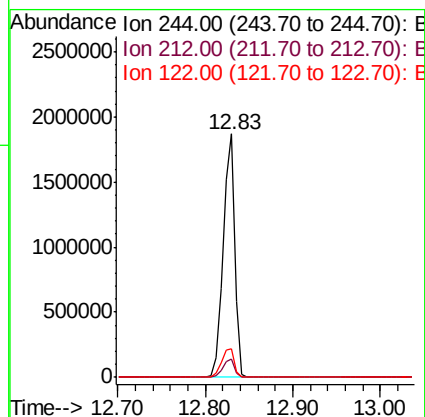
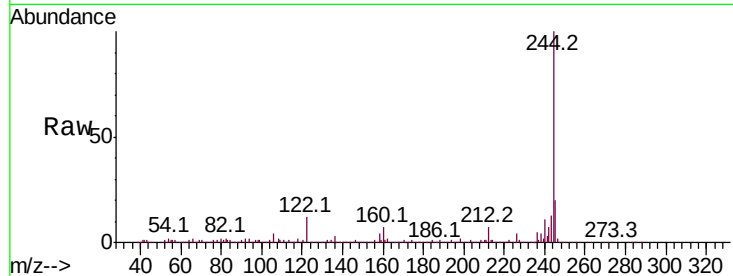
#78
 Terphenyl-d14
 Concen: 60.999 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q2-E7

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.7	11.0	16.4

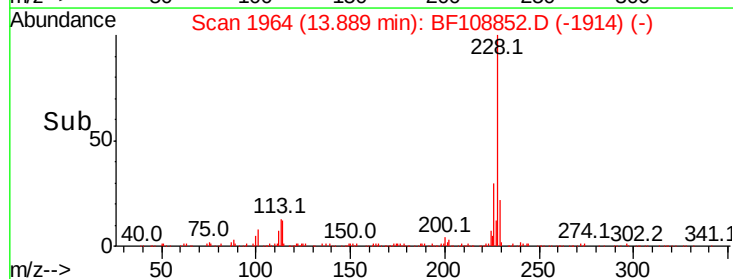
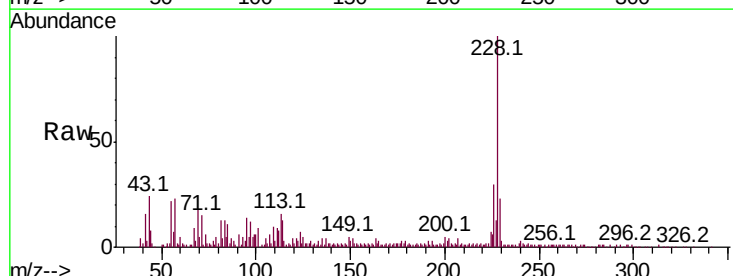
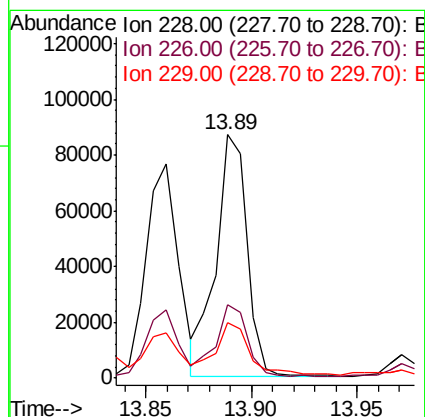
Manual Integrations
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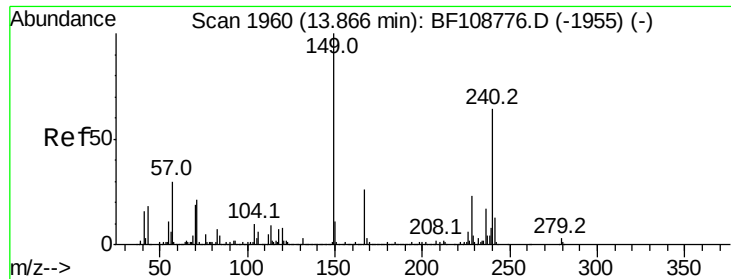
Sohil
 9/10/2018 10:39:16 AM



#82
 Chrysene
 Concen: 2.176 ng
 RT: 13.89 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.6	16.2	24.4





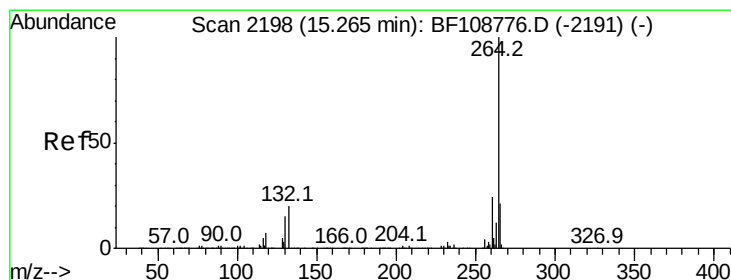
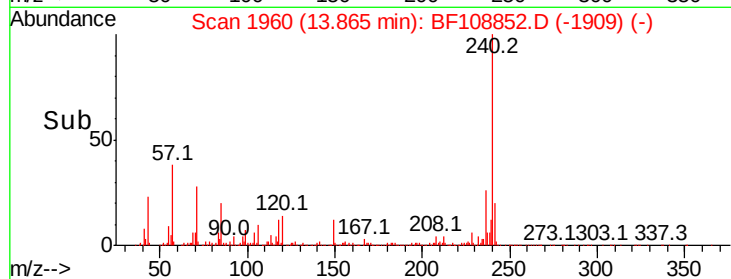
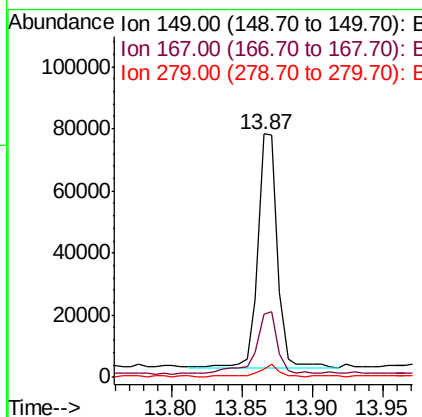
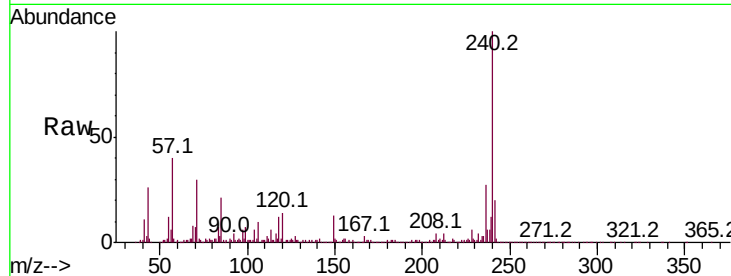
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.592 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-E7

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.3	31.9
279	3.5	3.0	4.4

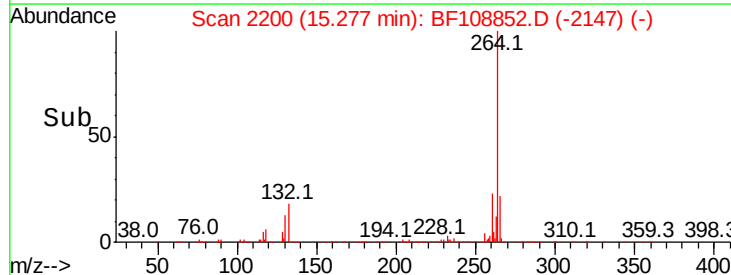
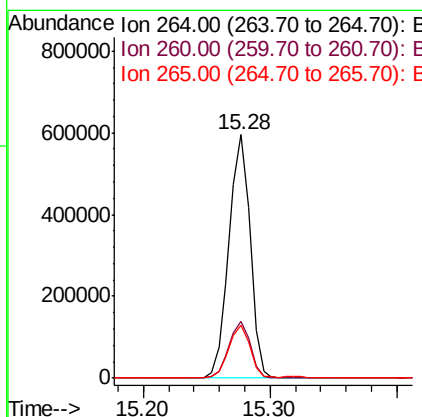
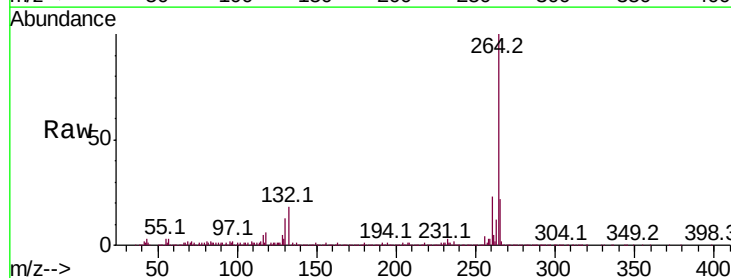
Manual Integrations
 APPROVED

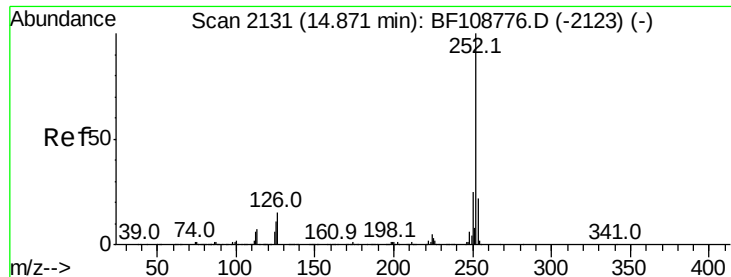
Sohil
 9/10/2018 10:39:16 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.083 ng/mL

RT: 14.88 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF108852.D

Acq: 7 Sep 2018 11:31

Instrument :

BNA_F

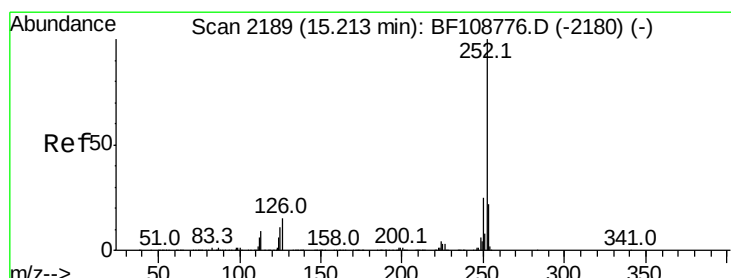
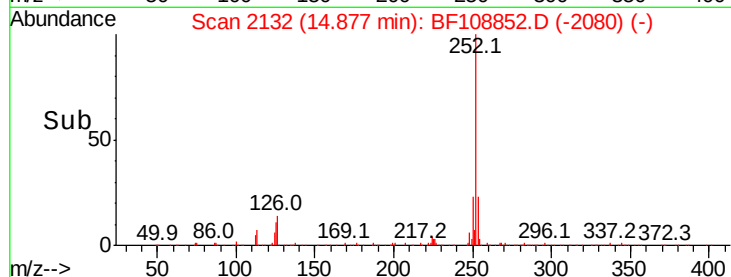
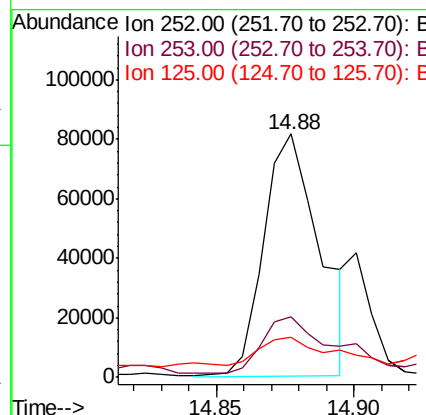
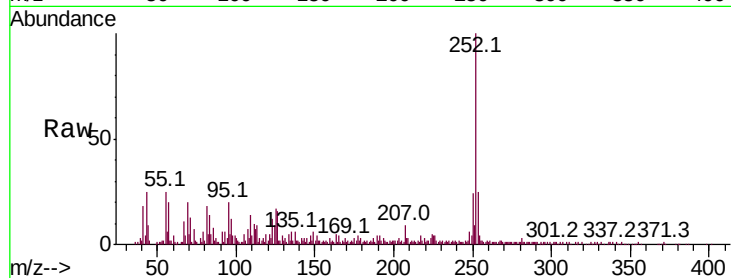
ClientSampled :

EP1-Q2-E7

Tot Ion:	252	Resp:	115291
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.0	25.6
125	16.5	9.0	13.6

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.257 ng/mL

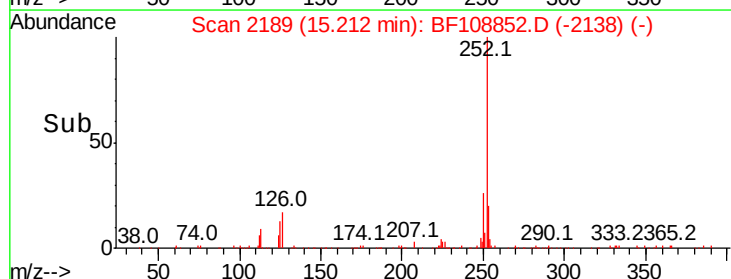
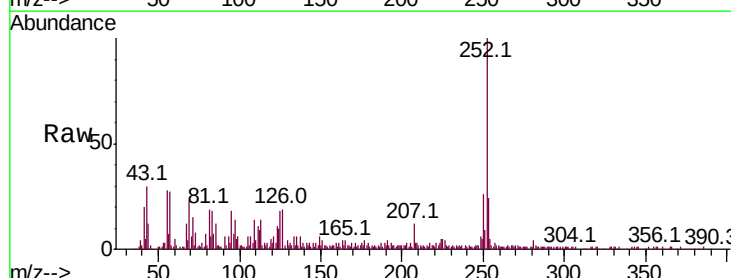
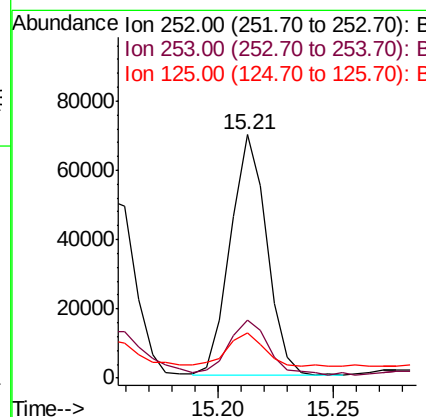
RT: 15.21 min Scan# 2189

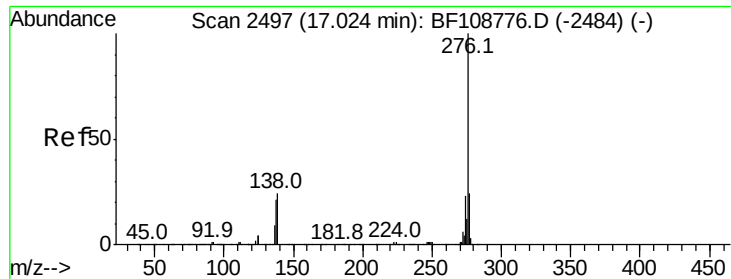
Delta R.T. -0.00 min

Lab File: BF108852.D

Acq: 7 Sep 2018 11:31

Tgt Ion:	252	Resp:	76181
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.1	25.7
125	18.5	9.8	14.6





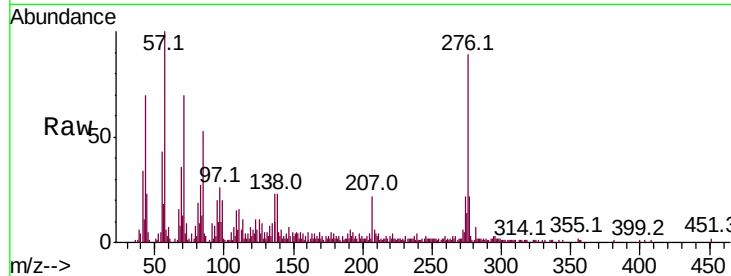
#91
 Benzo(a,h,i)perylene
 Concen: 2.066 ng
 RT: 17.03 min Scan# 2498
 Delta R.T. 0.01 min
 Lab File: BF108852.D
 Acq: 7 Sep 2018 11:31

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-E7

Tot Ion:	276	Resp:	61524
Ion Ratio	Lower	Upper	
276	100		
277	24.7	17.9	26.9
138	25.6	21.8	32.8

Manual Integrations
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Sohil
 9/10/2018 10:39:16 AM



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

