

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108830.D
 Acq On : 6 Sep 2018 18:25
 Operator : JU/SJ
 Sample : J4803-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-E7

Manual Integrations
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Sohil
 9/7/2018 11:15:48 AM

Quant Time: Sep 07 01:53:33 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	217042	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	773872	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	335900	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	605297	20.00	ng	0.00
75) Chrysene-d12	13.87	240	629546	20.00	ng	0.00
86) Perylene-d12	15.28	264	716267	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1003115	76.57	ng	0.01
7) Phenol-d6	6.37	99	1207988	71.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	759857	61.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	256821	80.09	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1236375	62.79	ng	0.00
78) Terphenyl-d14	12.82	244	1200560	44.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	474530	20.198	ng	Qvalue 99
70) Phenanthrene	11.27	178	57815	2.000	ng	98
74) Fluoranthene	12.45	202	144393	5.045	ng	95
77) Pyrene	12.67	202	144361	2.980	ng	99
80) Benzo(a)anthracene	13.85	228	84490	2.094	ng	95
83) Bis(2-ethylhexyl)phthalate	13.87	149	60464	2.206	ng	99
87) Benzo(b)fluoranthene	14.87	252	110902m	2.847	ng	
89) Benzo(a)pyrene	15.21	252	81560	2.321	ng	# 92

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

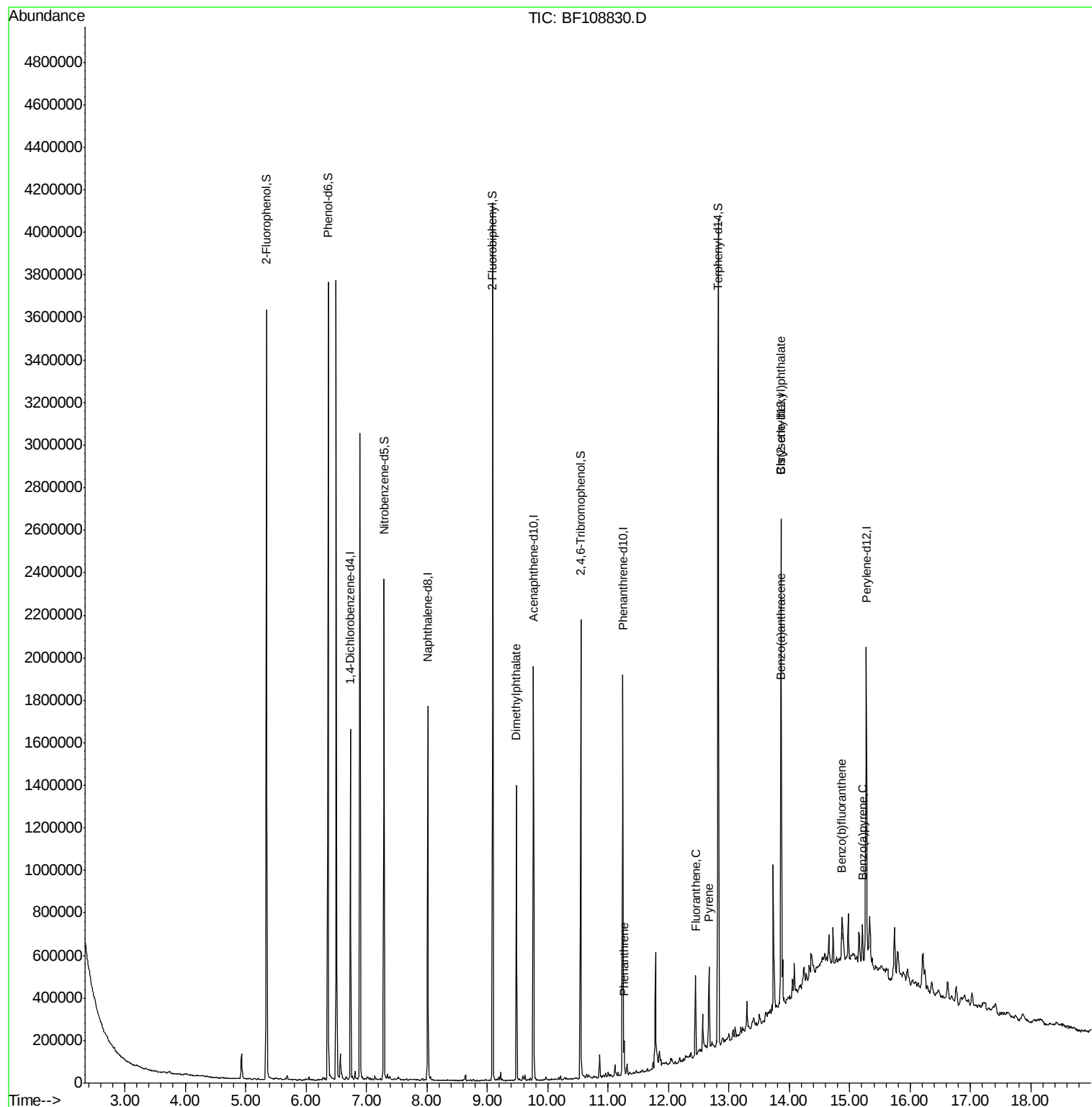
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108830.D
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Operator : JU/SJ
Sample : J4803-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

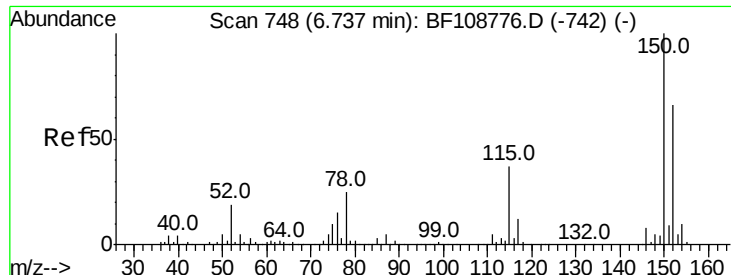
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

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Quant Time: Sep 07 01:53:33 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

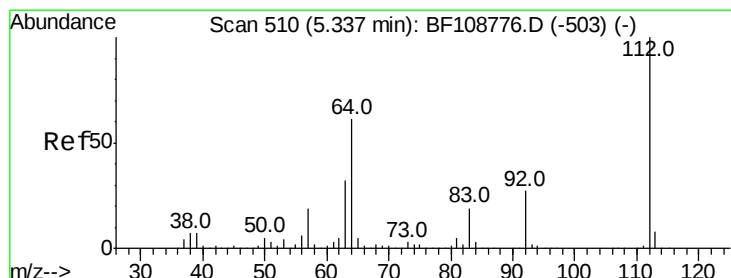
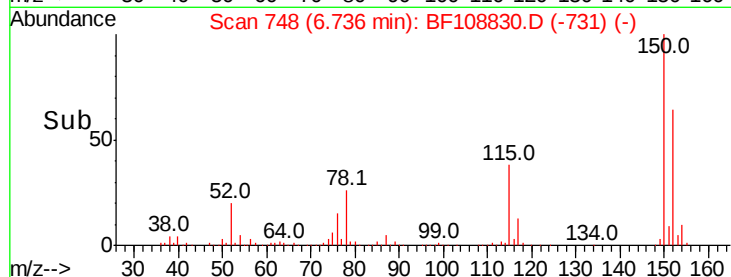
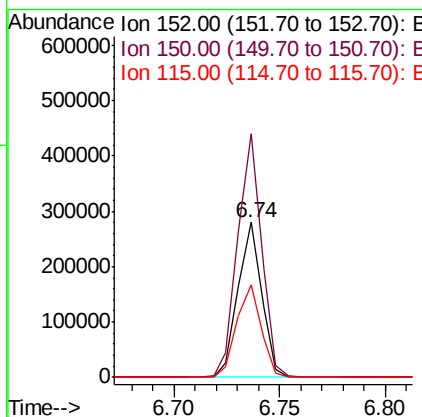
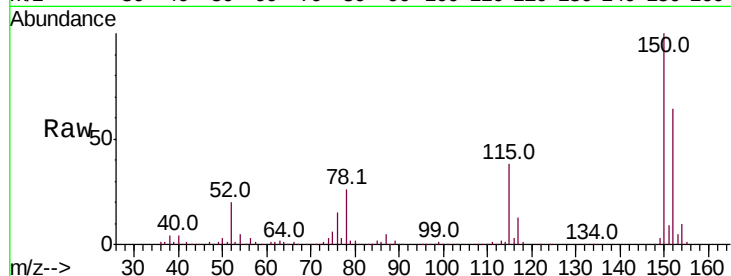
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108830.D
Acq: 6 Sep 2018 18:25

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.0	50.1	75.1

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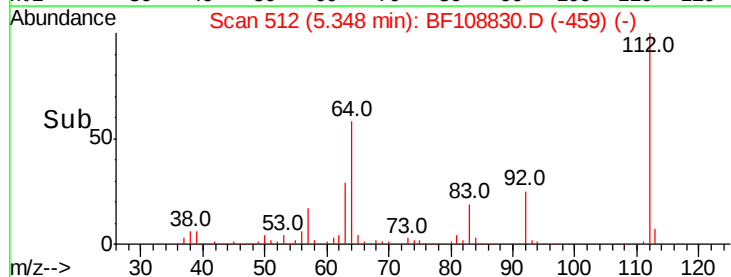
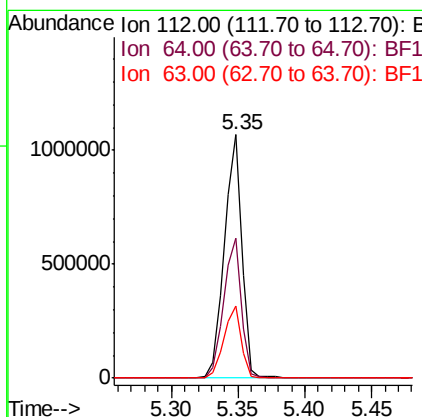
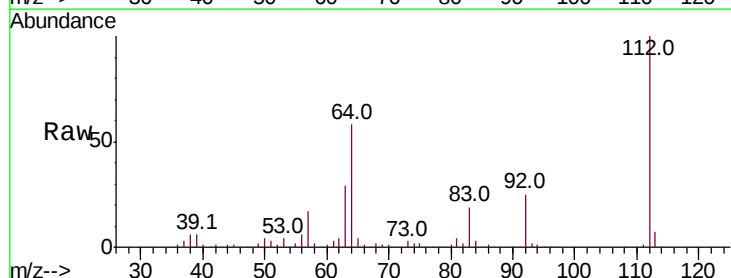
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#5

2-Fluorophenol
Concen: 76.567 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108830.D
Acq: 6 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	29.4	23.7	35.5





#7

Phenol-d6

Concen: 71.662 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108830.D

Acq: 6 Sep 2018 18:25

Instrument :

BNA_F

ClientSampled :

EP1-Q2-E7

Tot Ion: 99 Resp: 1207988

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

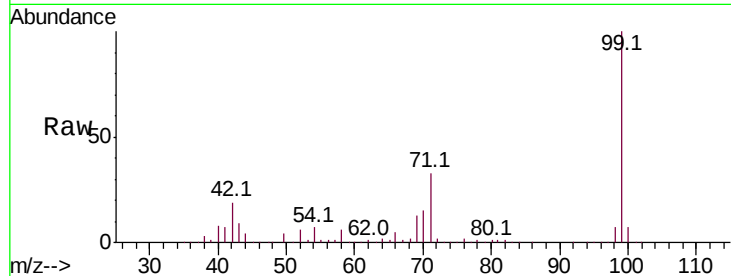
71 33.2 25.4 38.0

Manual Integrations

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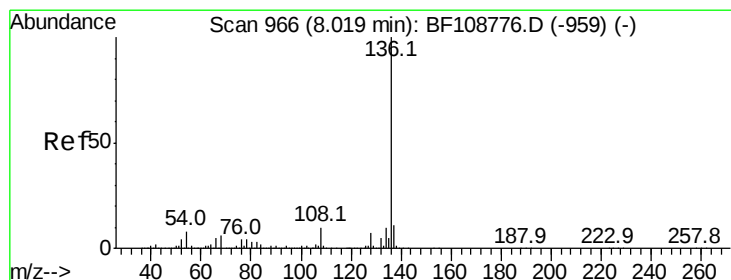
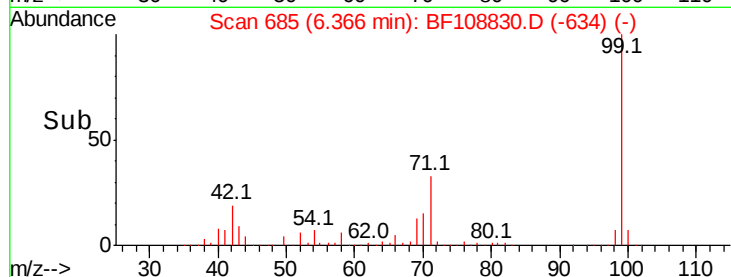
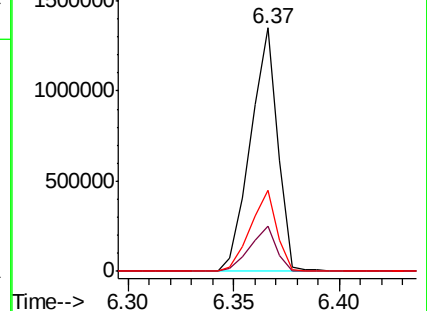
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108830.D

Acq: 6 Sep 2018 18:25

Tgt Ion: 136 Resp: 773872

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.6 6.6 9.8

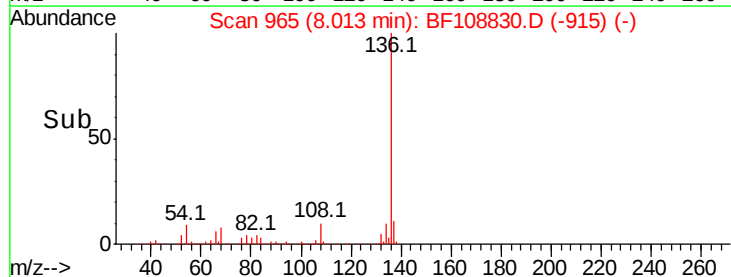
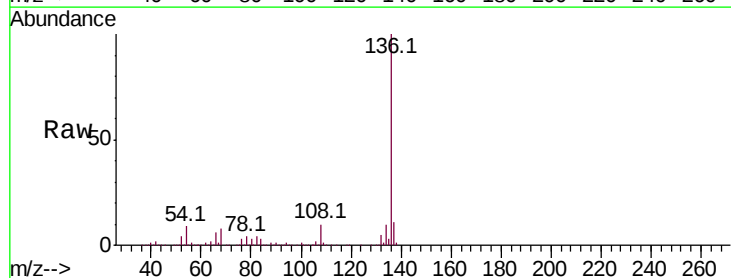
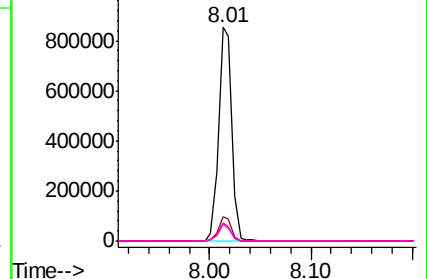
68 7.6 5.0 7.4#

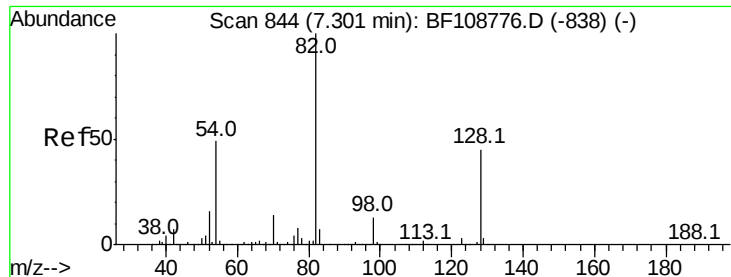
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





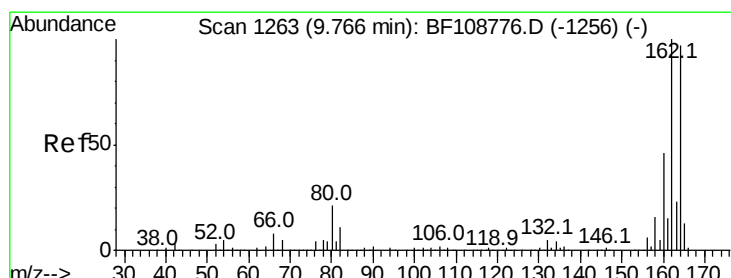
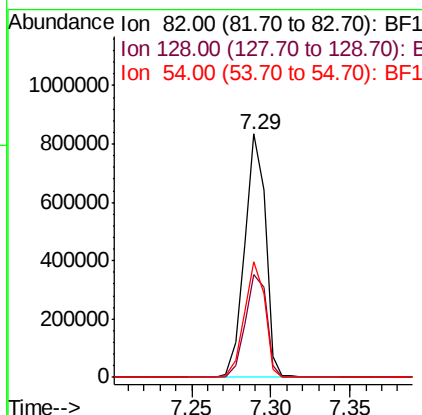
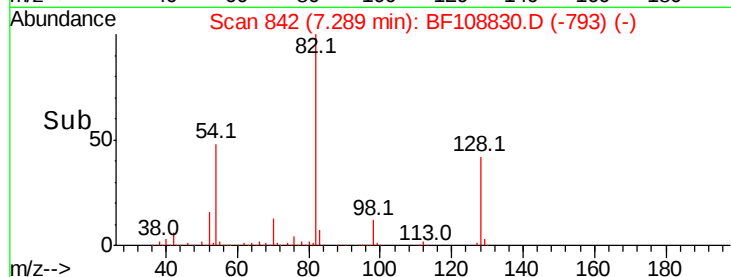
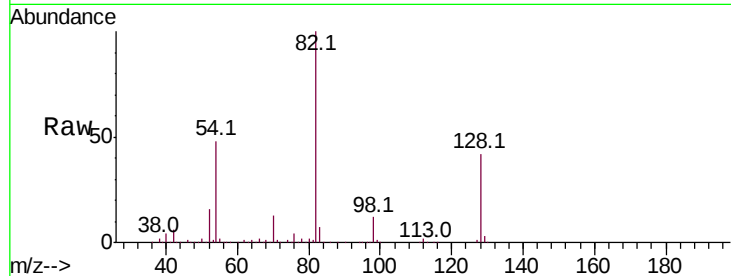
#23
 Nitrobenzene-d5
 Concen: 61.448 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108830.D
 Acq: 6 Sep 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-E7

Tot Ion:	82	Resp:	759857
Ion Ratio	Lower	Upper	
82	100		
128	42.3	36.1	54.1
54	47.6	41.4	62.2

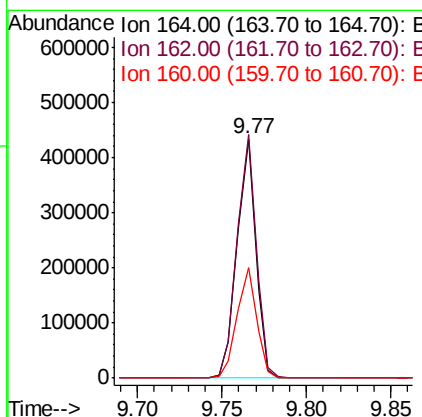
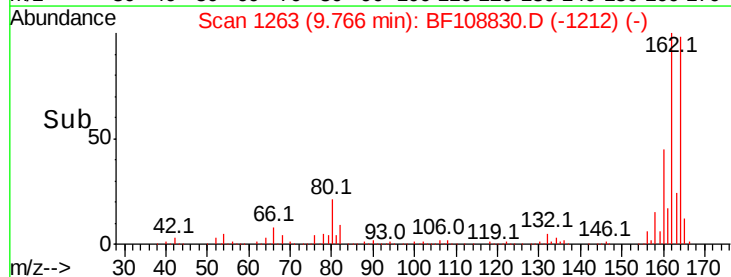
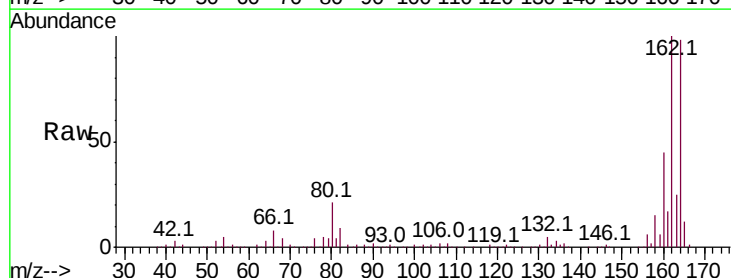
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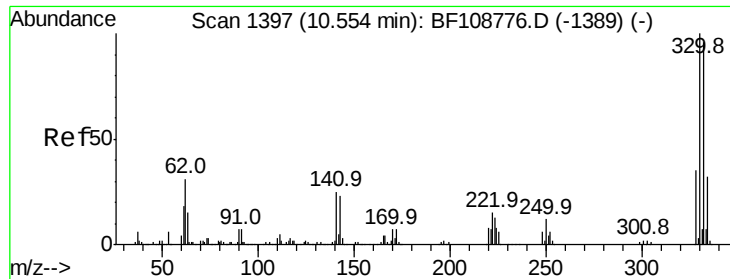
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108830.D
 Acq: 6 Sep 2018 18:25

Tgt Ion:	164	Resp:	335900
Ion Ratio	Lower	Upper	
164	100		
162	102.1	86.1	129.1
160	46.3	38.3	57.5





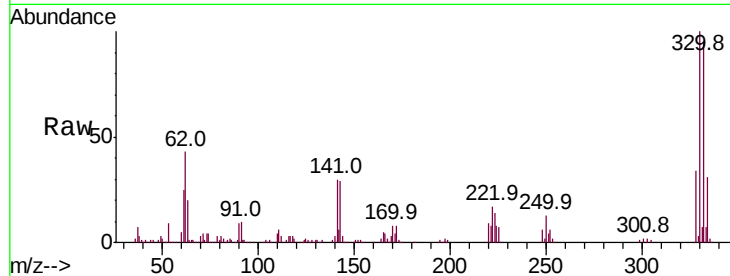
#41
 2,4,6-Tribromophenol
 Concen: 80.090 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108830.D
 Acq: 6 Sep 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-E7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	256821		
332	94.2	77.0	115.6	
141	33.6	29.9	44.9	

Manual Integrations
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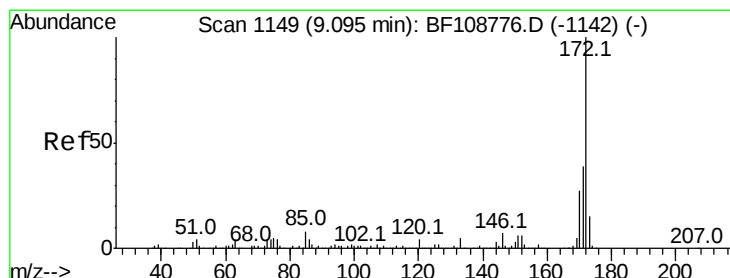
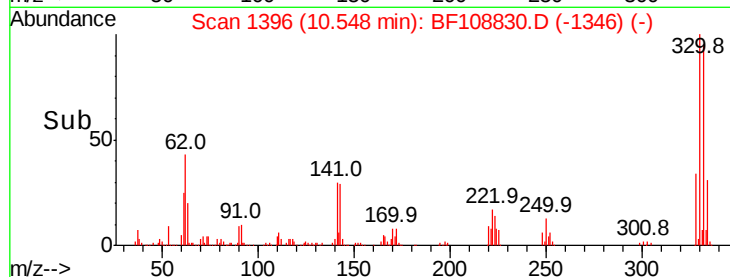
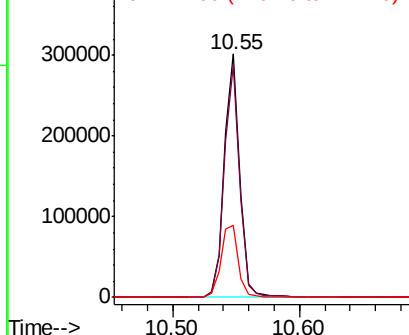


Abundance

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: 62.794 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108830.D
 Acq: 6 Sep 2018 18:25

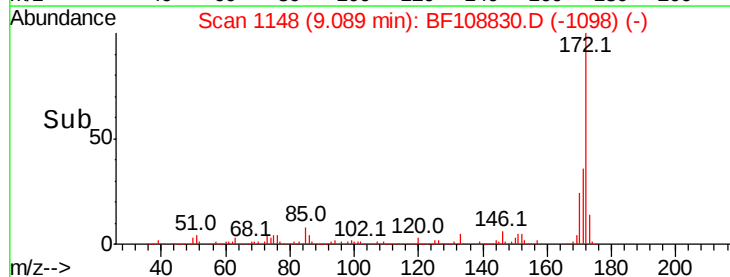
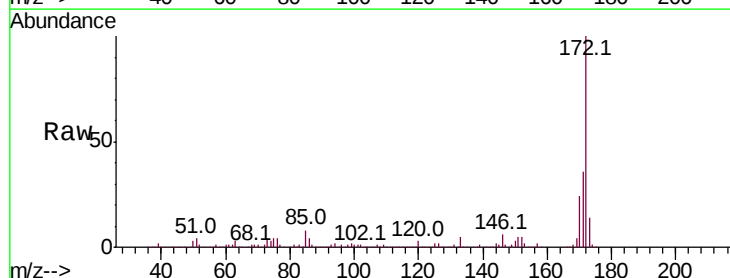
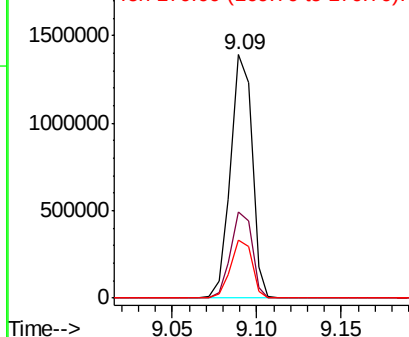
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1236375		
171	35.5	29.7	44.5	
170	24.1	19.6	29.4	

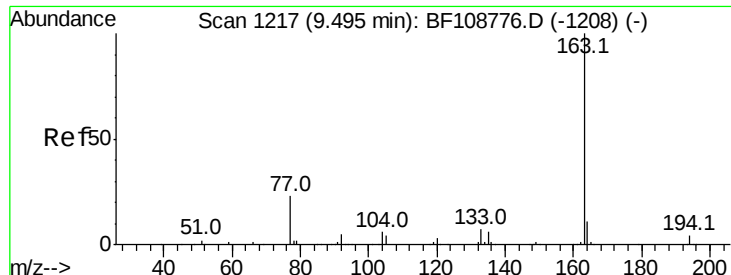
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





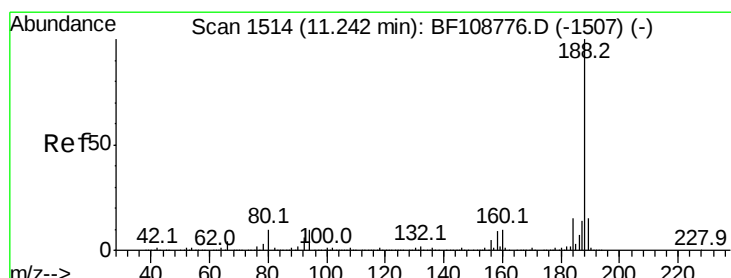
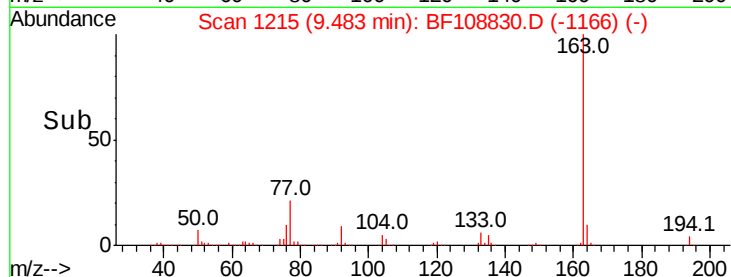
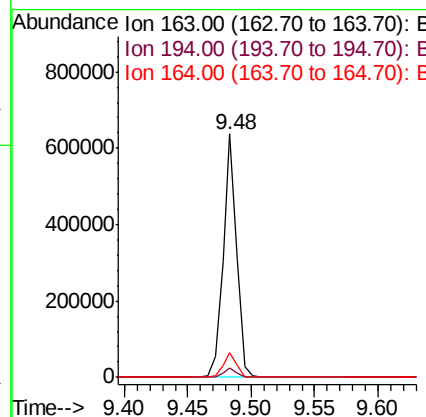
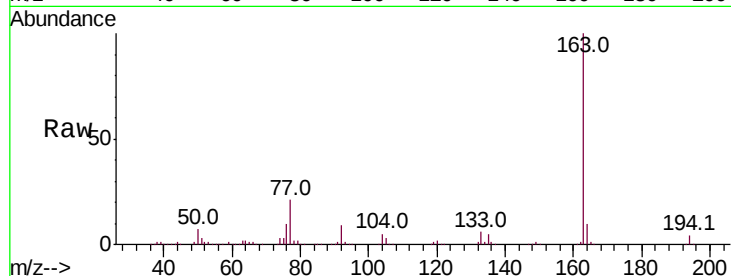
#49
Dimethylphthalate
Concen: 20.198 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108830.D
Acq: 6 Sep 2018 18:25

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

Tot Ion	Ratio	Resp	Lower	Upper
163	100	474530		
194	3.9		2.7	4.1
164	10.1		8.2	12.2

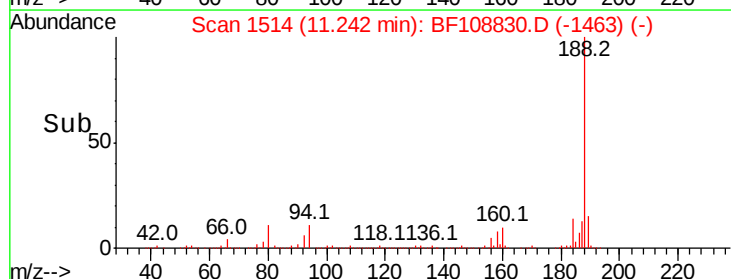
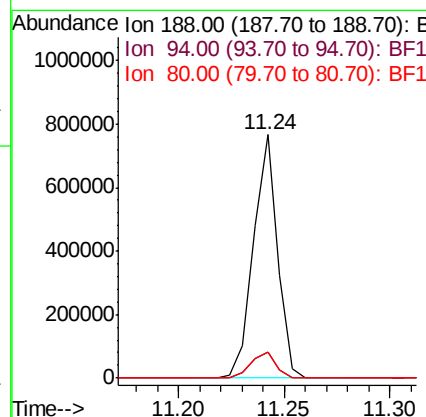
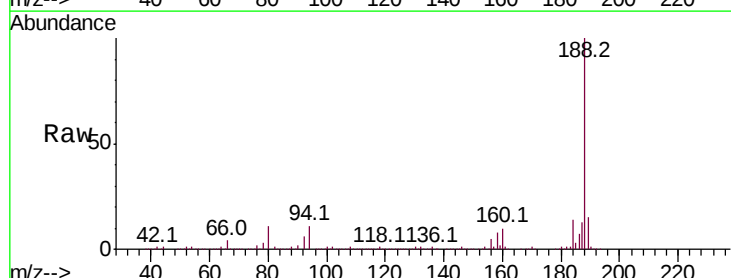
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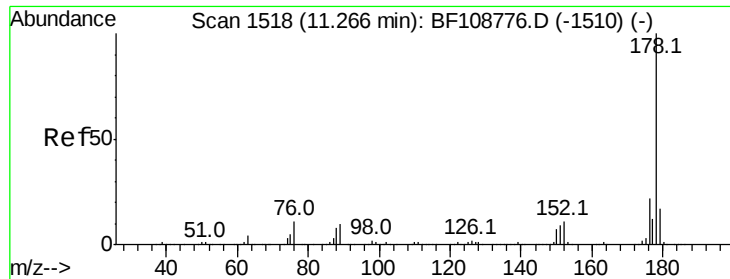
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108830.D
Acq: 6 Sep 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	605297		
94	10.8		8.5	12.7
80	10.8		9.2	13.8





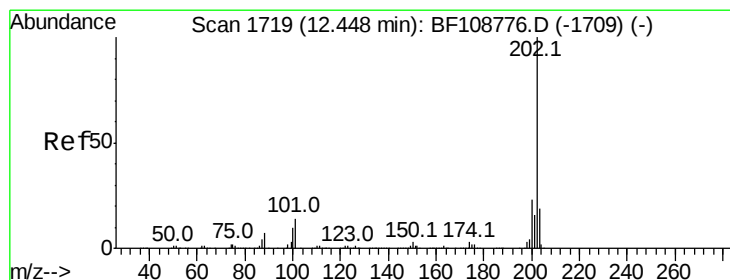
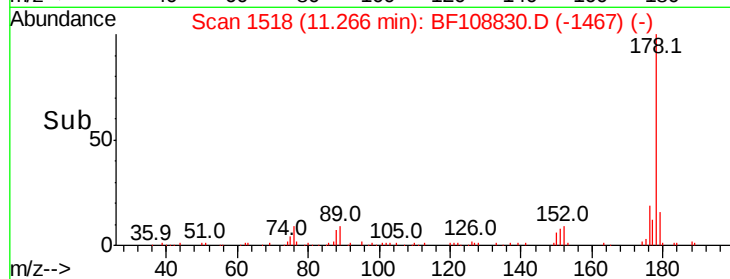
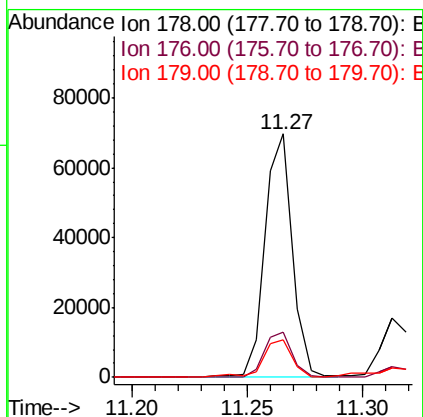
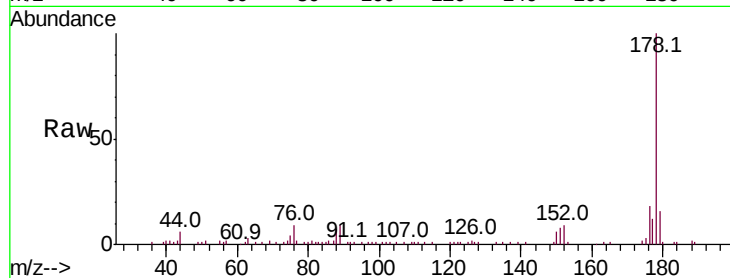
#70
Phenanthrene
Concen: 2.000 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108830.D
Acq: 6 Sep 2018 18:25

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-E7

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.6	13.0	19.6

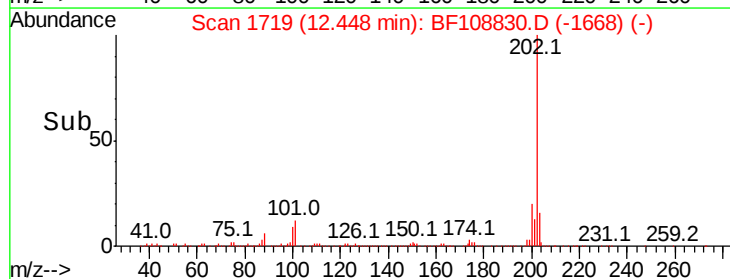
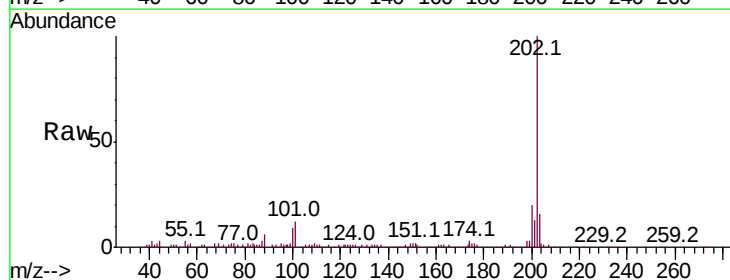
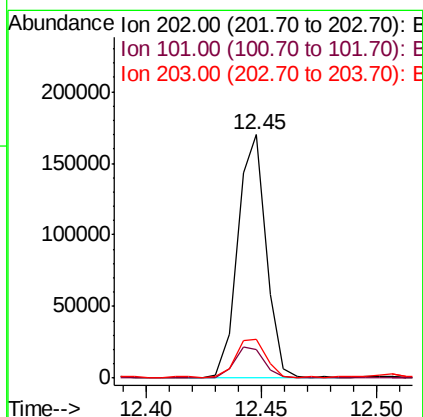
Manual Integrations
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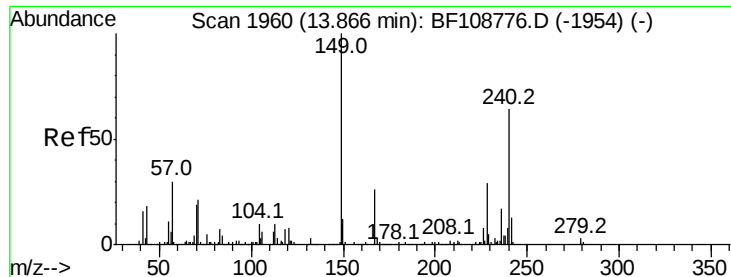
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#74
Fluoranthene
Concen: 5.045 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108830.D
Acq: 6 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.0	0.0	38.1





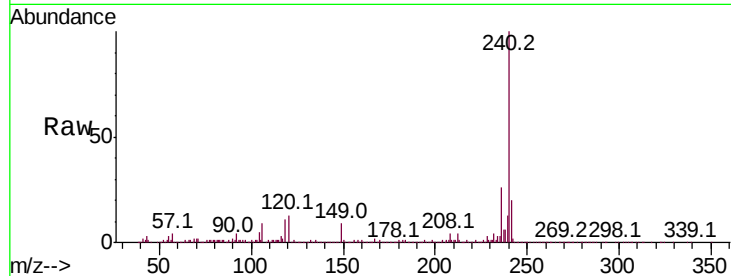
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108830.D
Acq: 6 Sep 2018 18:25

Instrument :
BNA_F
ClientSampled :
EP1-Q2-E7

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.1	9.5	14.3	
236	26.4	20.7	31.1	

Manual Integrations
APPROVED

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9/7/2018 11:15:48 AM

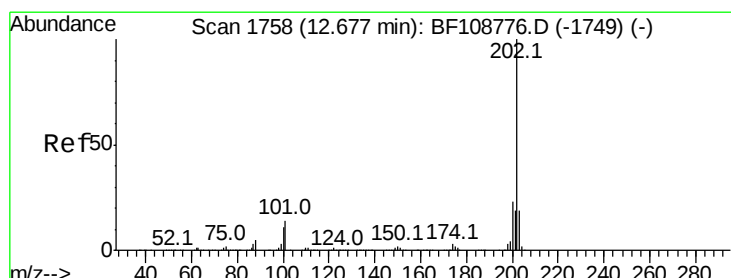
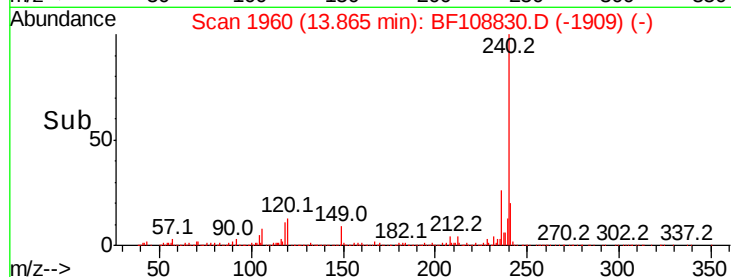
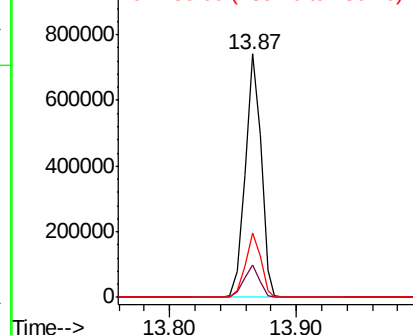


Abundance

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: 2.980 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108830.D
Acq: 6 Sep 2018 18:25

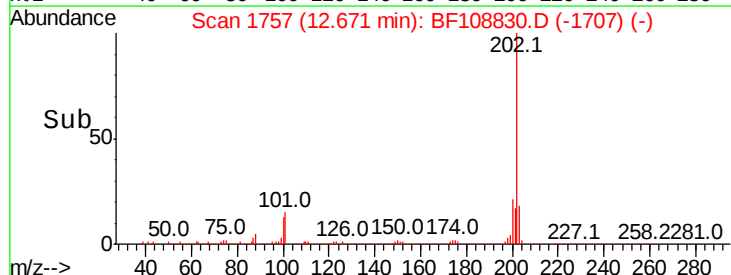
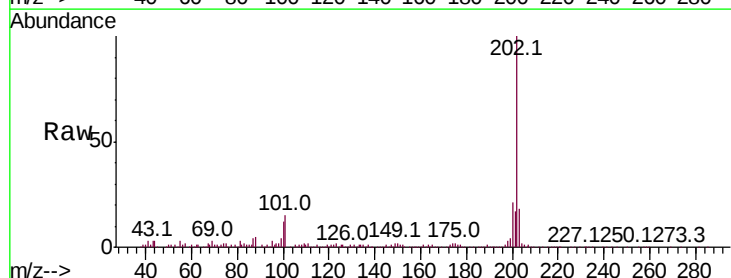
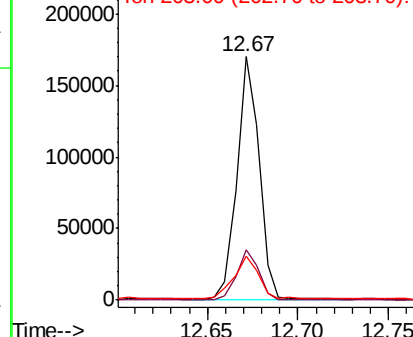
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.8	17.4	26.2	
203	18.0	14.3	21.5	

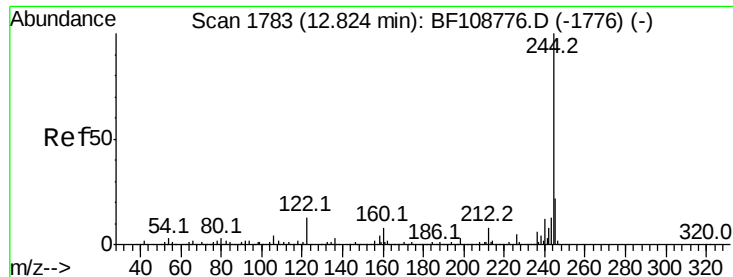
Abundance

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





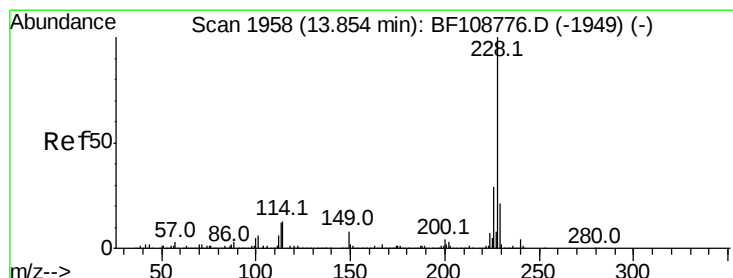
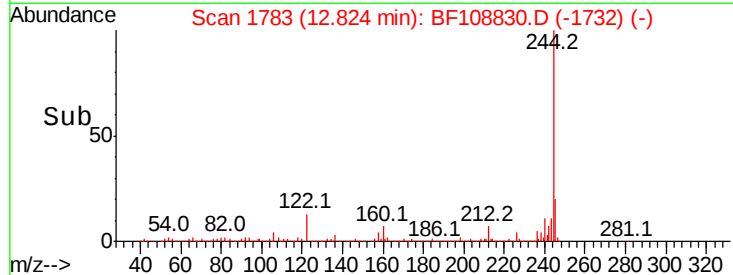
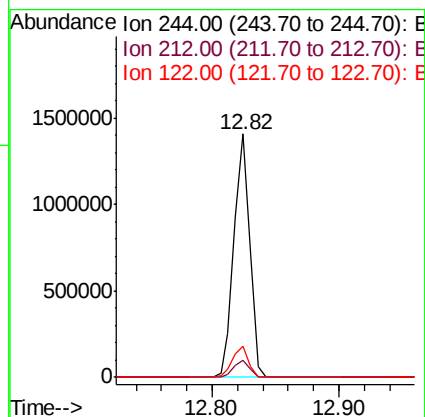
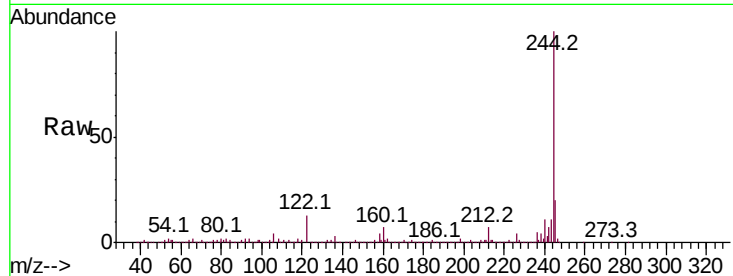
#78
 Terphenyl-d14
 Concen: 44.470 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108830.D
 Acq: 6 Sep 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-E7

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.6	11.0	16.4

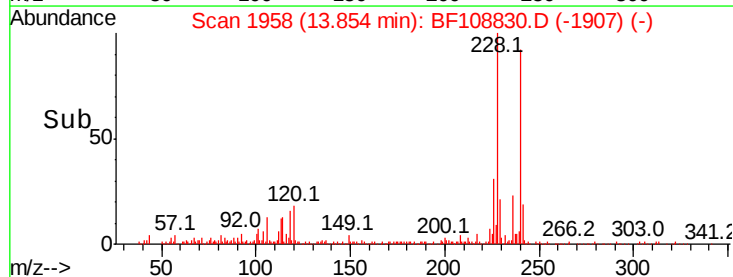
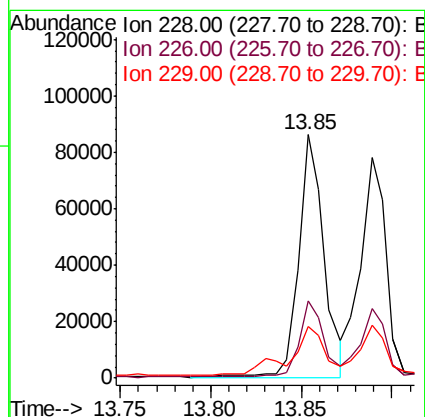
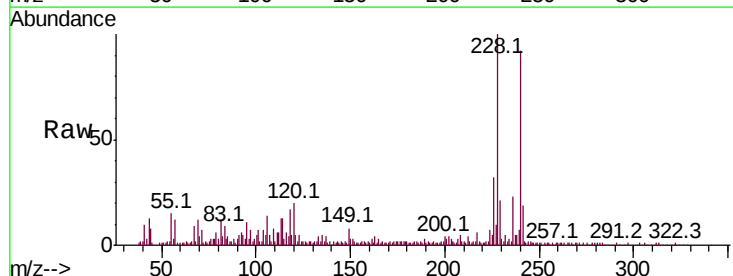
Manual Integrations
 APPROVED

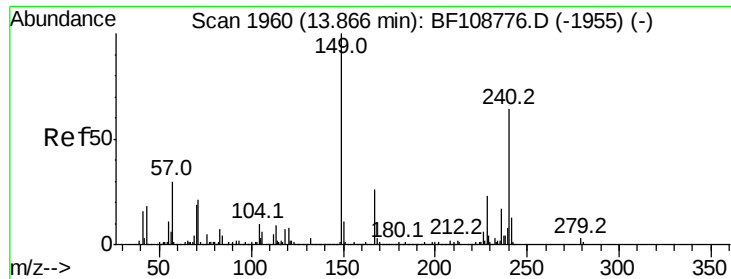
Sohil
 9/7/2018 11:15:48 AM



#80
 Benzo(a)anthracene
 Concen: 2.094 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF108830.D
 Acq: 6 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	21.3	15.8	23.6





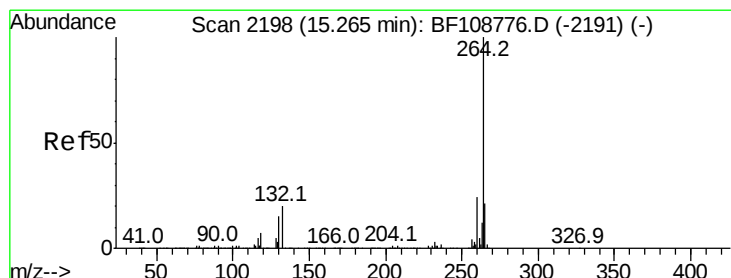
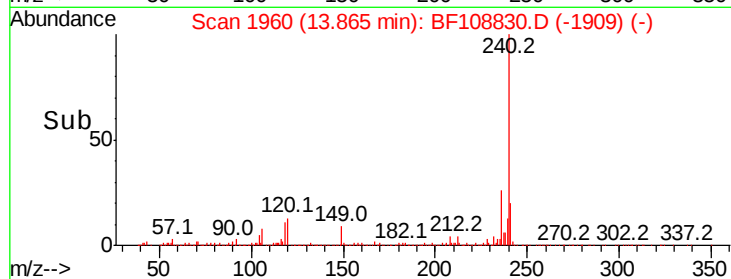
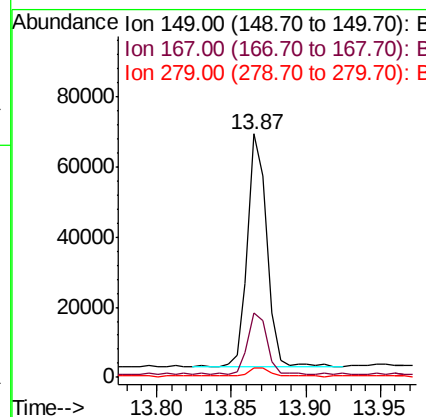
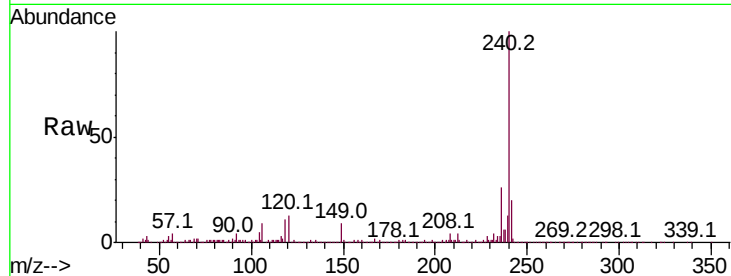
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.206 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BF108830.D
 Acq: 6 Sep 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-E7

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.0	3.0	4.4

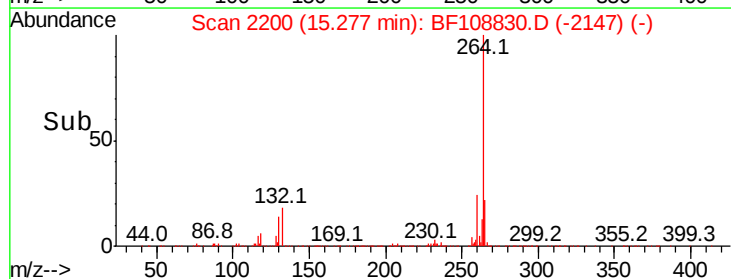
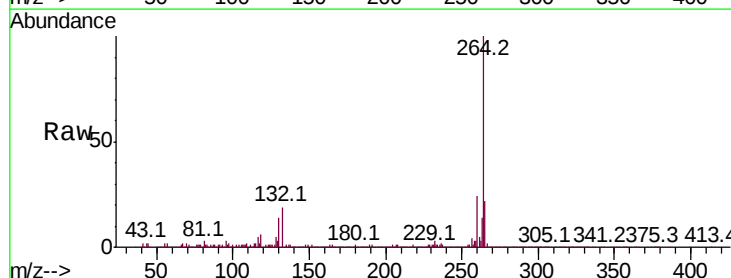
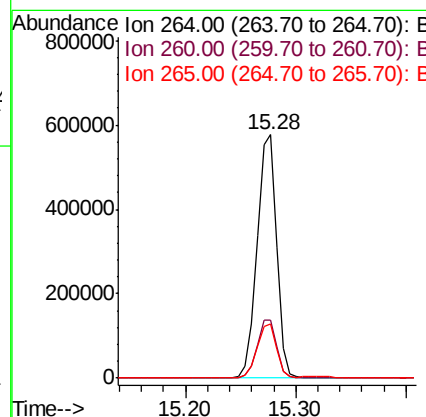
Manual Integrations
 APPROVED

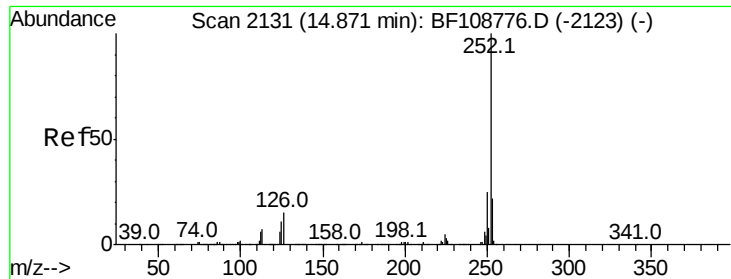
Sohil
 9/7/2018 11:15:48 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108830.D
 Acq: 6 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.847 ng m

RT: 14.87 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BF108830.D

Acq: 6 Sep 2018 18:25

Instrument :

BNA_F

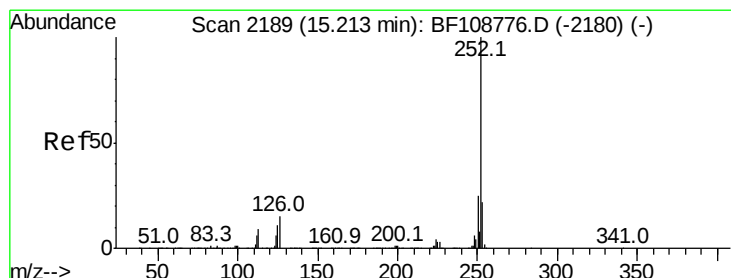
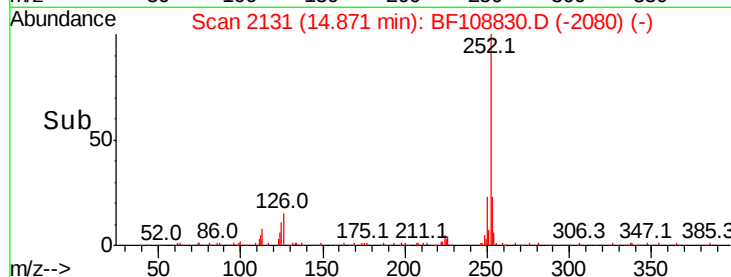
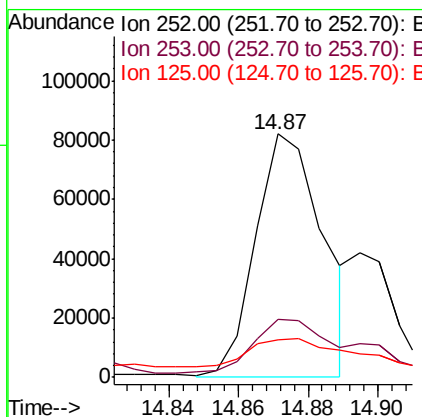
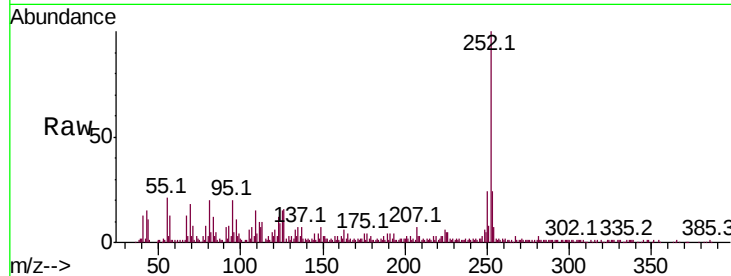
ClientSampleId :

EP1-Q2-E7

Tot Ion:	252	Resp:	110902
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.0	25.6
125	15.3	9.0	13.6#

Manual Integrations
APPROVED

Sohil
9/7/2018 11:15:48 AM



#89

Benzo(a)pyrene

Concen: 2.321 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BF108830.D

Acq: 6 Sep 2018 18:25

Tgt Ion:	252	Resp:	81560
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	16.7	9.8	14.6#

