

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108834.D
 Acq On : 6 Sep 2018 20:15
 Operator : JU/SJ
 Sample : J4803-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

Manual Integrations
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Sohil
 9/7/2018 11:15:54 AM

Quant Time: Sep 07 02:05:55 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	318920	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1234086	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	614139	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1082784	20.00	ng	0.00
75) Chrysene-d12	13.87	240	658031	20.00	ng	0.00
86) Perylene-d12	15.27	264	740049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1151800	59.83	ng	0.00
7) Phenol-d6	6.37	99	1542754	62.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	966738	49.02	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	382201	65.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1741980	48.39	ng	0.00
78) Terphenyl-d14	12.82	244	1390509	49.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	712616	16.590	ng	99
70) Phenanthrene	11.27	178	161851	3.130	ng	98
74) Fluoranthene	12.45	202	238593	4.660	ng	97
77) Pyrene	12.67	202	228836	4.519	ng	99
80) Benzo(a)anthracene	13.85	228	99880	2.368	ng	98
82) Chrysene	13.89	228	88616	2.170	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	100640	3.512	ng	# 99
87) Benzo(b)fluoranthene	14.87	252	122315m	3.040	ng	
89) Benzo(a)pyrene	15.21	252	95716	2.636	ng	94

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

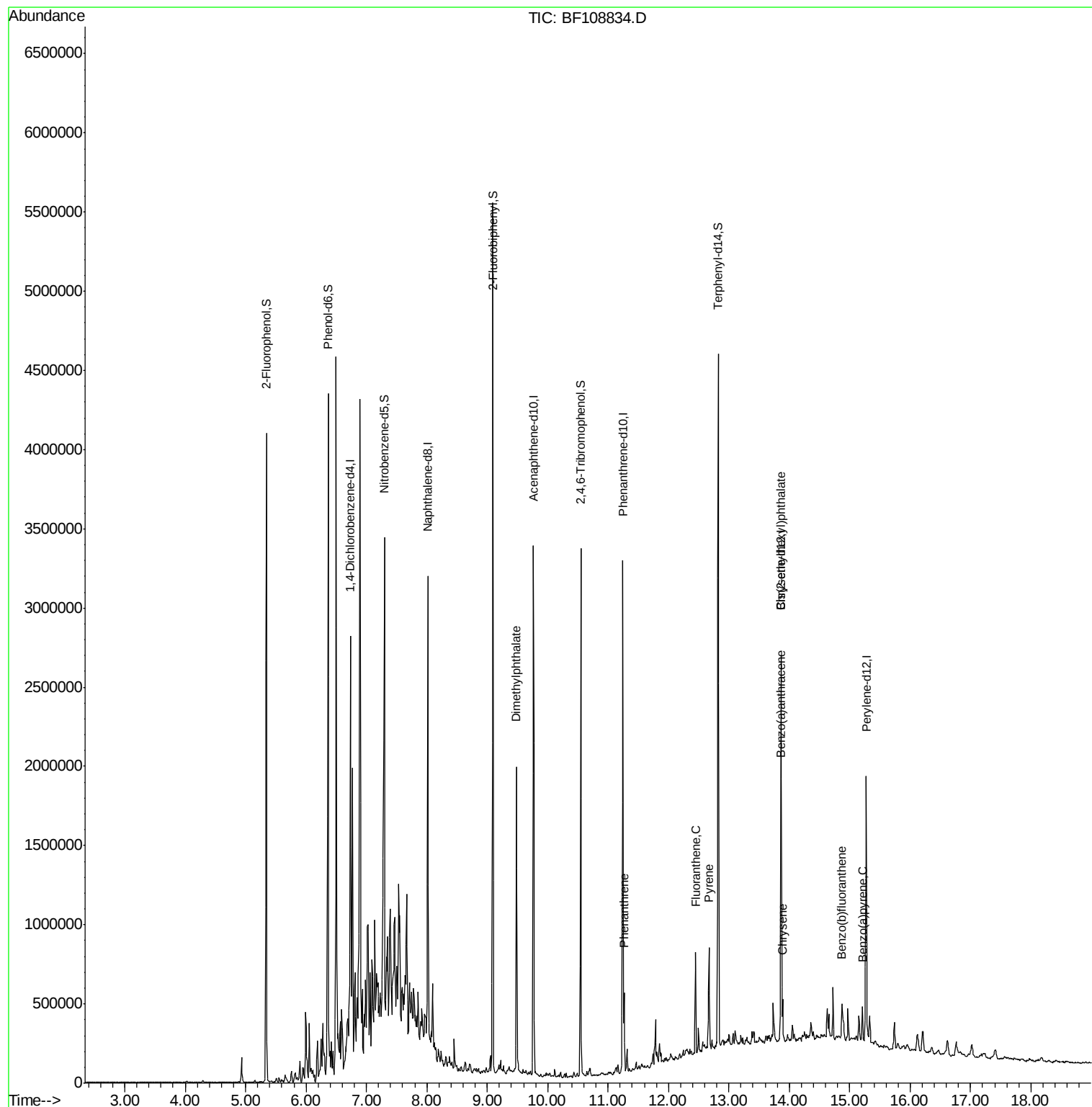
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108834.D
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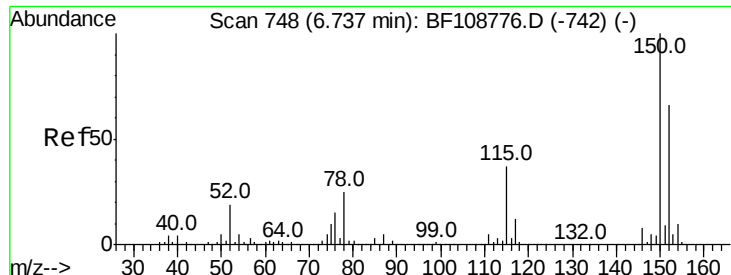
Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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#1

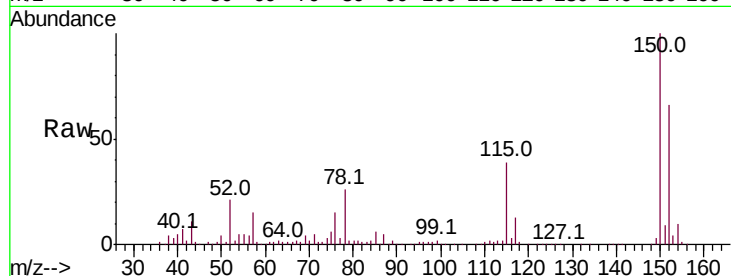
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	59.7	50.1	75.1

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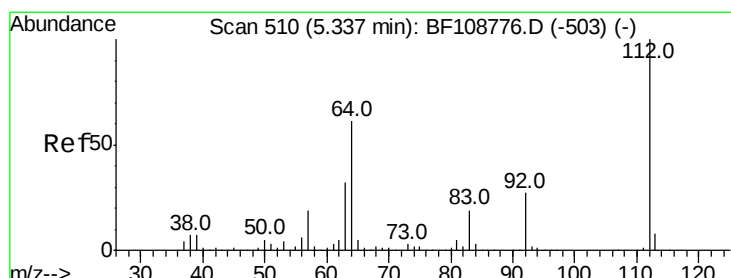
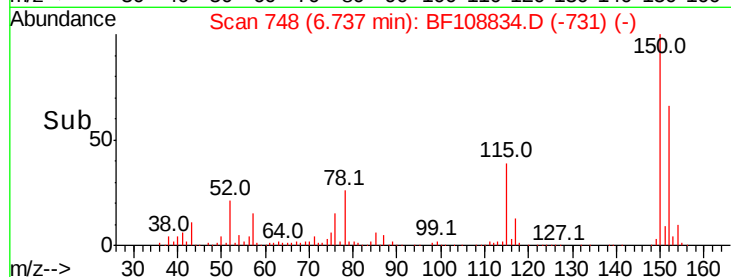
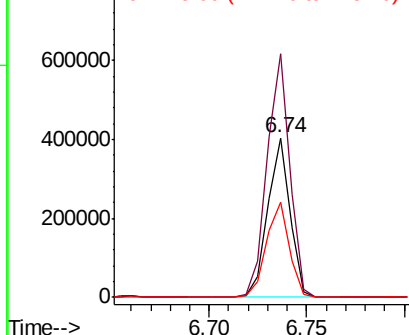


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

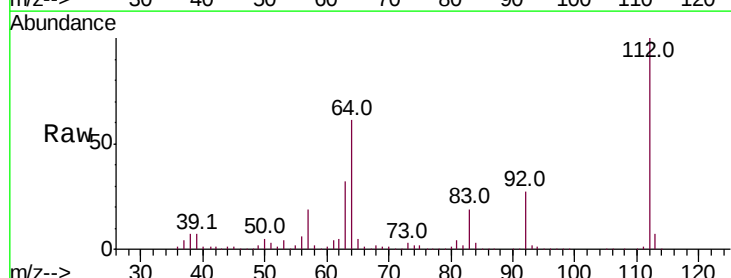
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.832 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	31.8	23.7	35.5

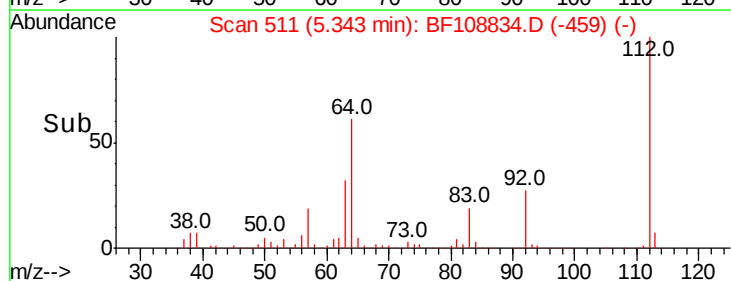
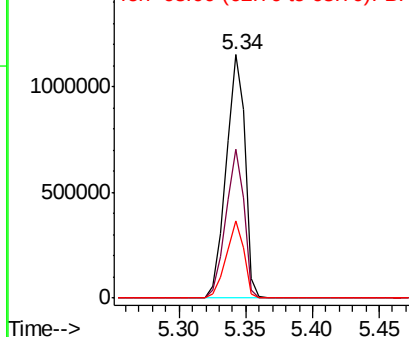


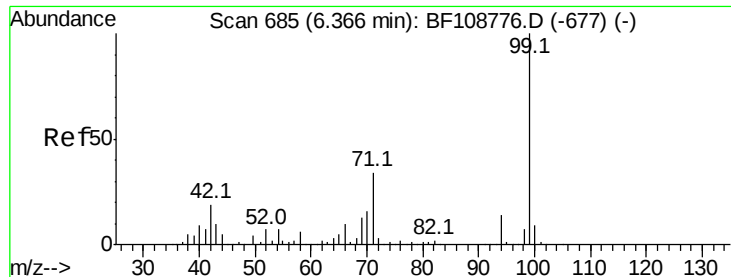
Abundance

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: 62.286 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G5

Tot Ion: 99 Resp: 1542754

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

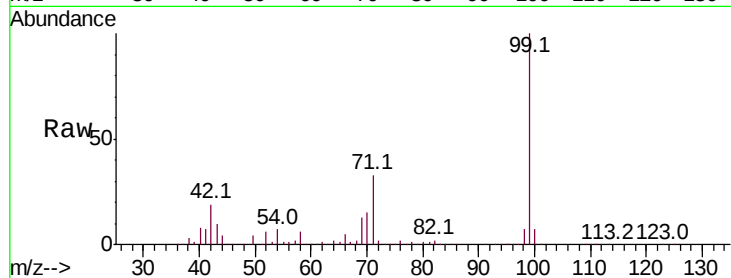
71 33.4 25.4 38.0

Manual Integrations

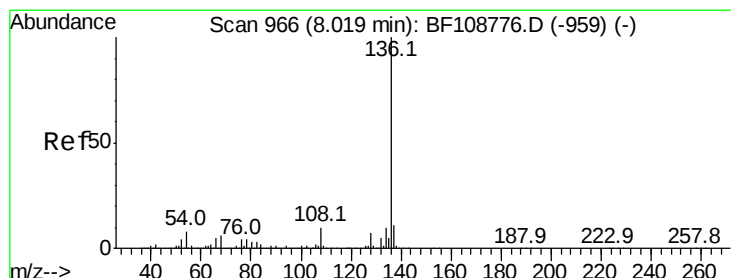
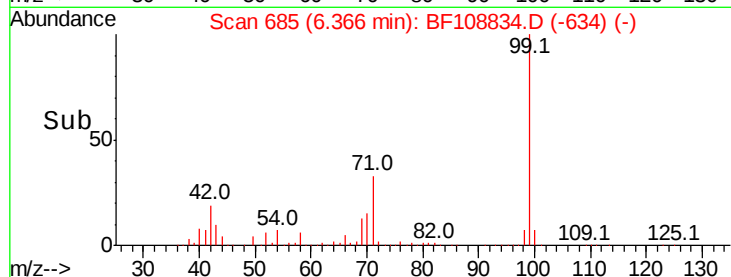
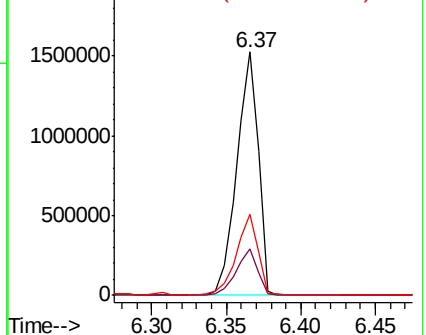
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Tgt Ion: 136 Resp: 1234086

Ion Ratio Lower Upper

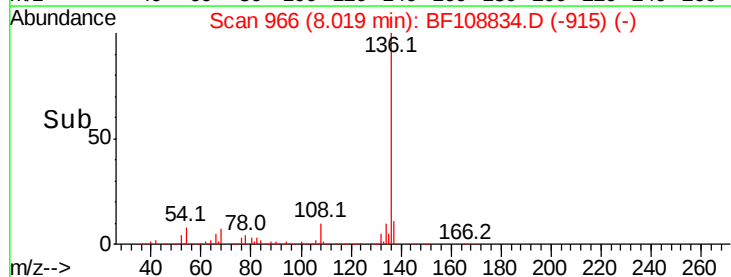
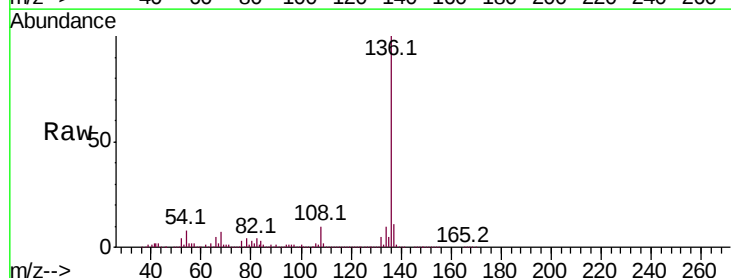
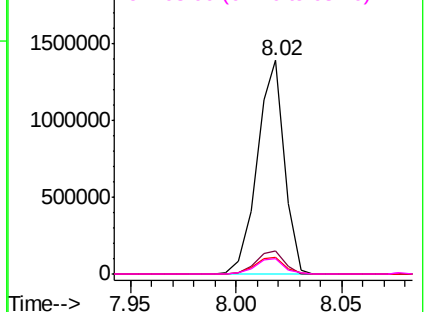
136 100

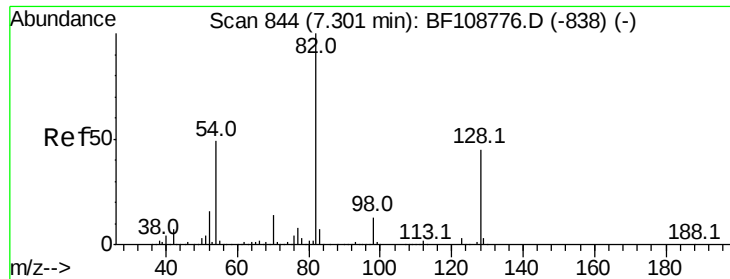
137 11.1 8.9 13.3

54 7.8 6.6 9.8

68 6.9 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





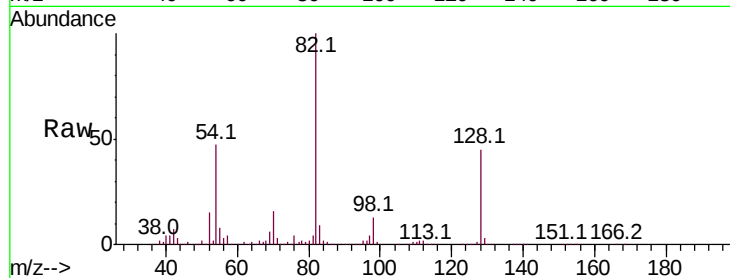
#23
 Nitrobenzene-d5
 Concen: 49.024 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

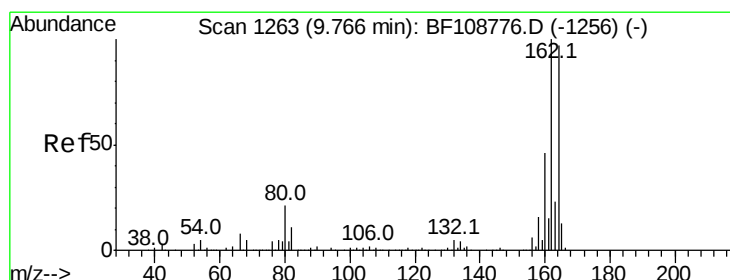
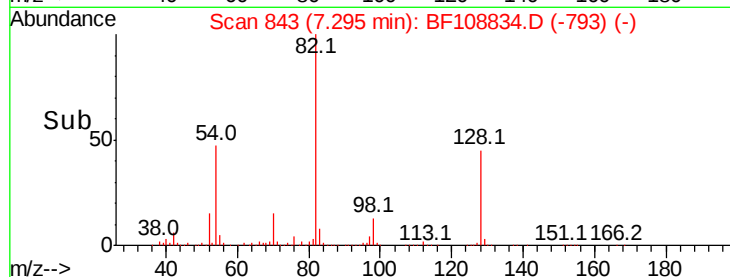
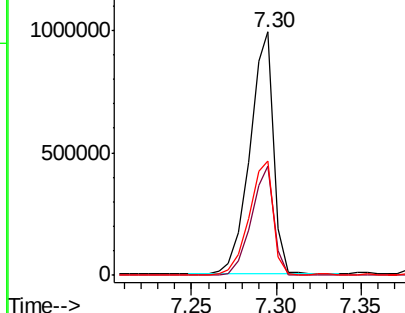
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	46.7	41.4	62.2

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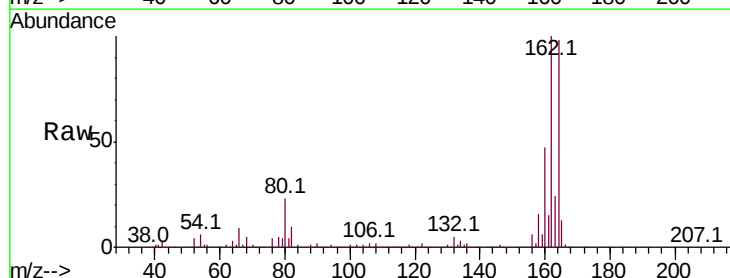


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

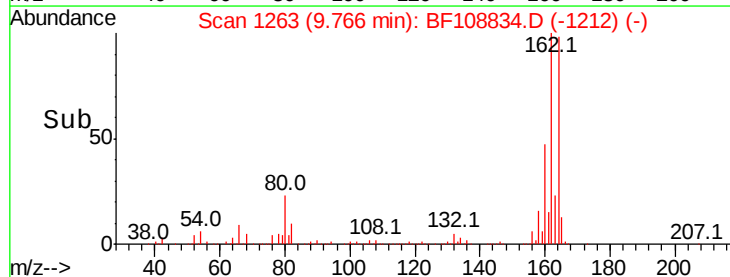
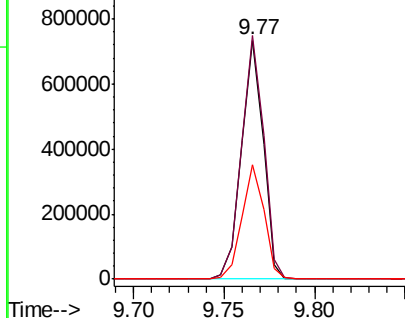


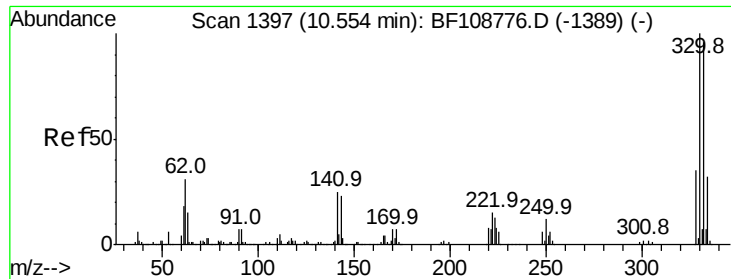
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	47.9	38.3	57.5



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: 65.190 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Instrument :

BNA_F

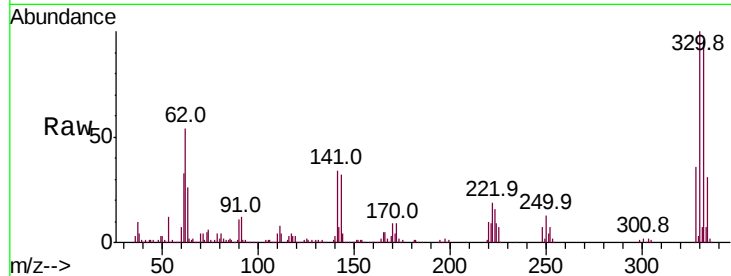
ClientSampled :

EP1-Q2-G5

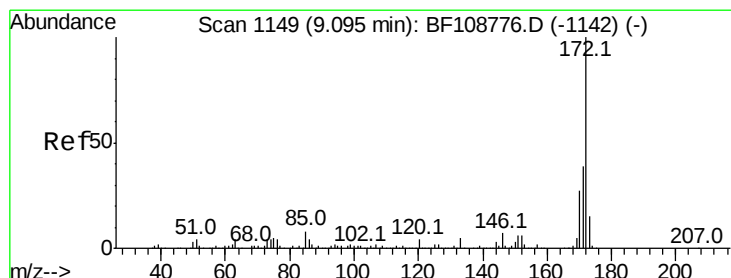
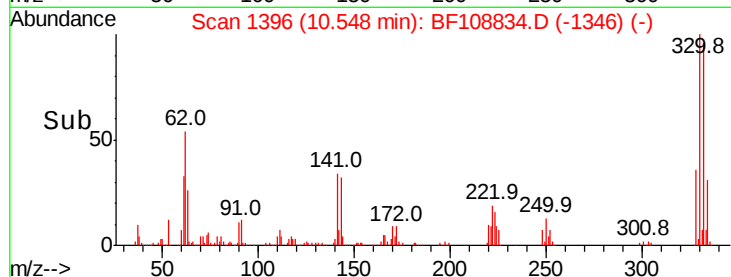
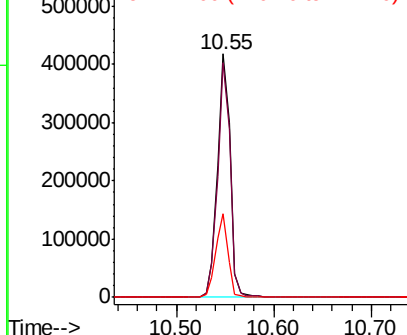
Tot Ion:	330	Resp:	382201
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	33.5	29.9	44.9

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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: 48.390 ng

RT: 9.10 min Scan# 1149

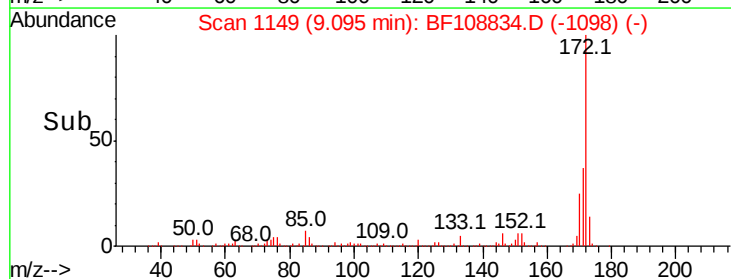
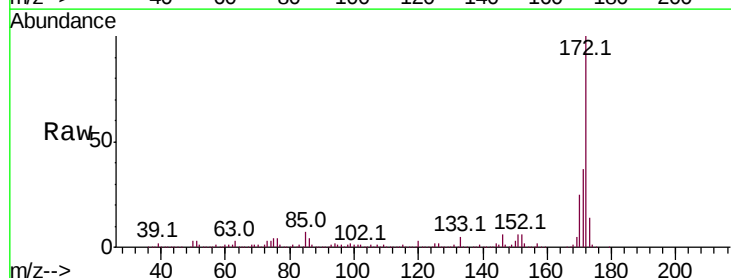
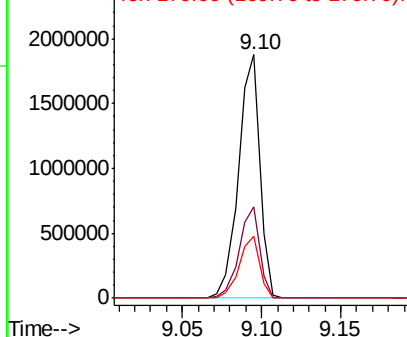
Delta R.T. -0.00 min

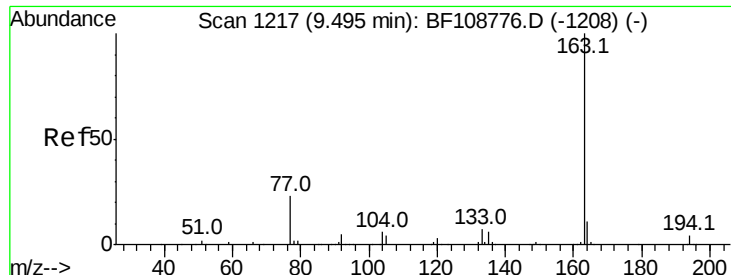
Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Tgt Ion:	172	Resp:	1741980
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.7	44.5
170	25.3	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





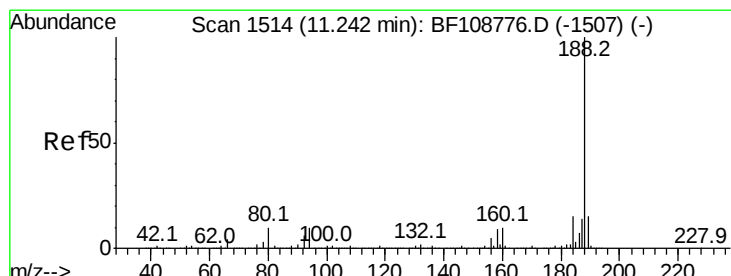
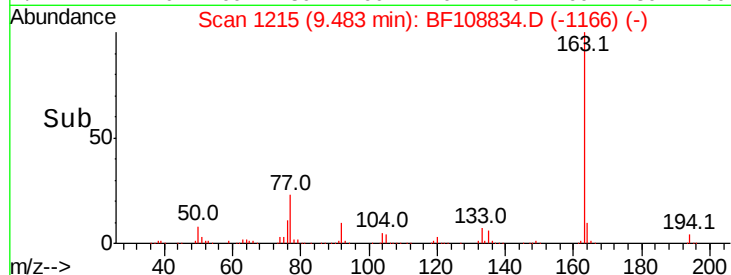
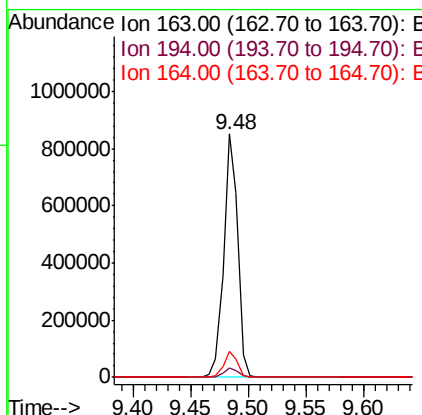
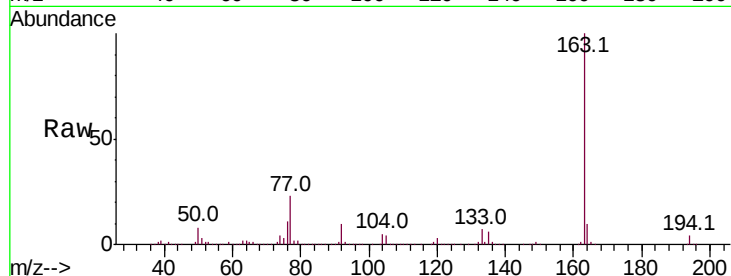
#49
Dimethylphthalate
Concen: 16.590 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Instrument :
BNA_F
ClientSampled :
EP1-Q2-G5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	712616		
194	3.7		2.7	4.1
164	10.5		8.2	12.2

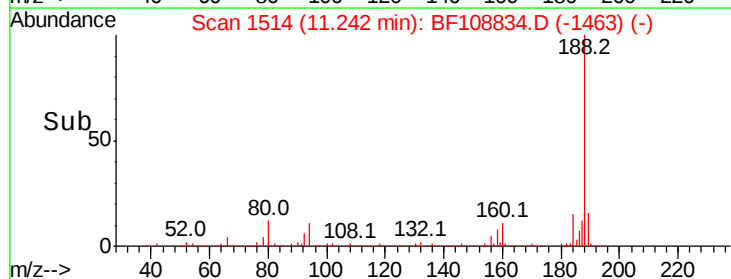
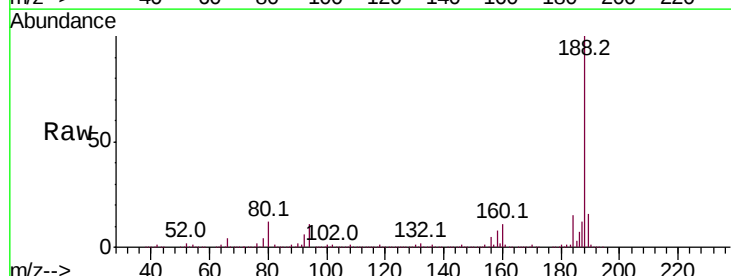
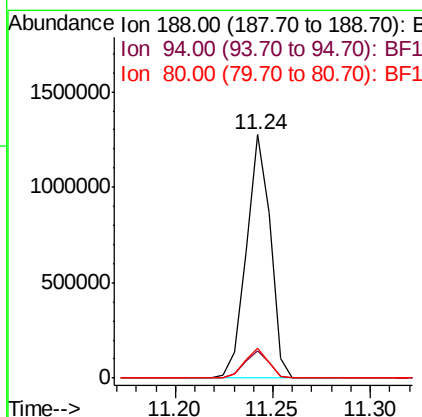
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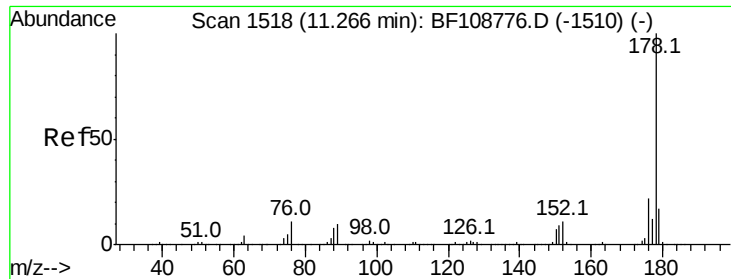
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1082784		
94	11.1		8.5	12.7
80	12.2		9.2	13.8





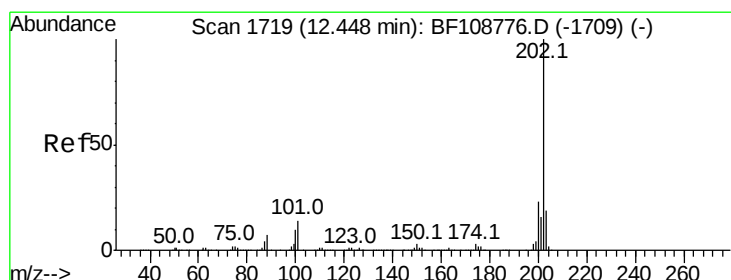
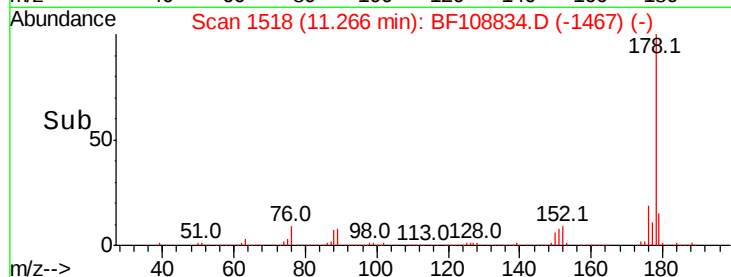
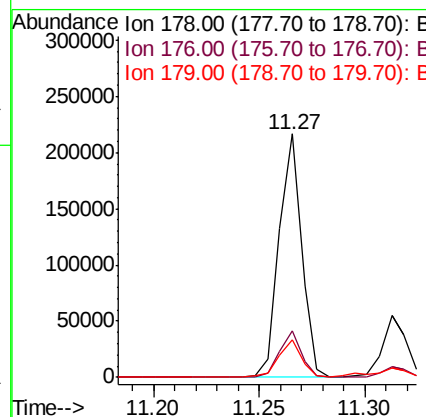
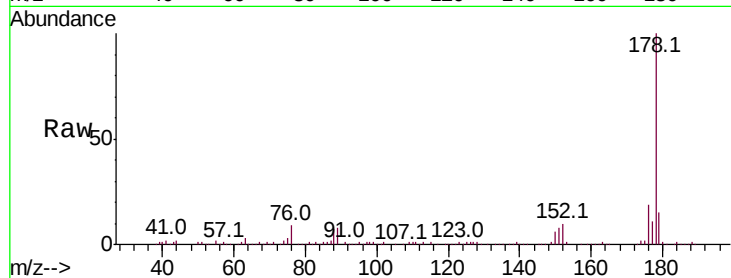
#70
Phenanthrene
Concen: 3.130 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Instrument :
BNA_F
ClientSampleID :
EP1-Q2-G5

Tot Ion	Ratio	Resp	Lower	Upper
178	100	161851		
176	19.0	15.8	23.8	
179	15.4	13.0	19.6	

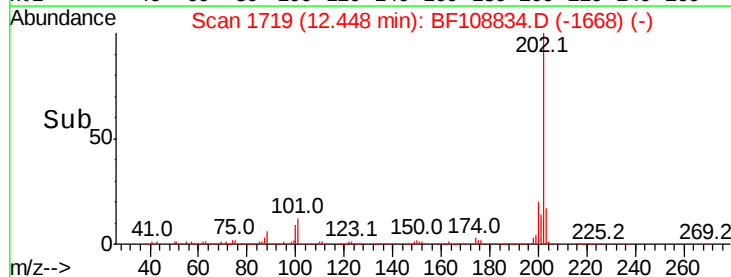
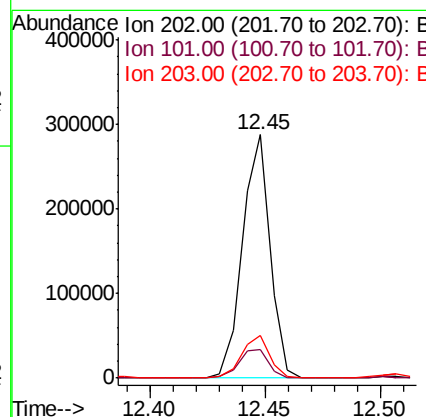
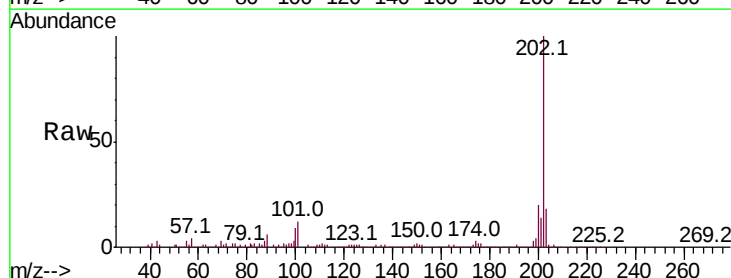
Manual Integrations
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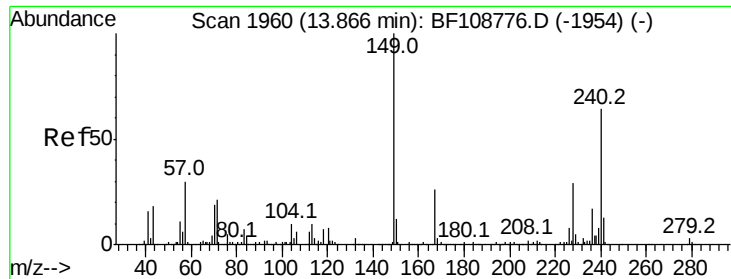
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#74
Fluoranthene
Concen: 4.660 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	238593		
101	11.6	0.0	34.1	
203	17.7	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: BF108834.D

Acq: 6 Sep 2018 20:15

Instrument :

BNA_F

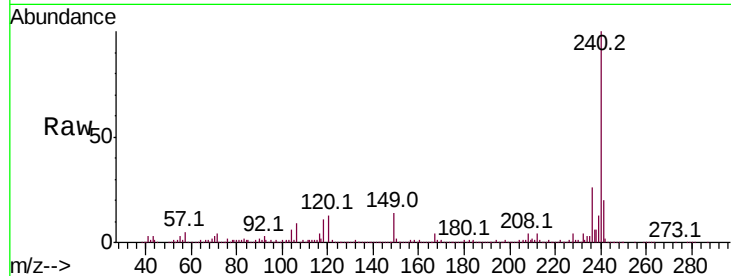
ClientSampled :

EP1-Q2-G5

Tot Ion:	240	Resp:	658031
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	26.3	20.7	31.1

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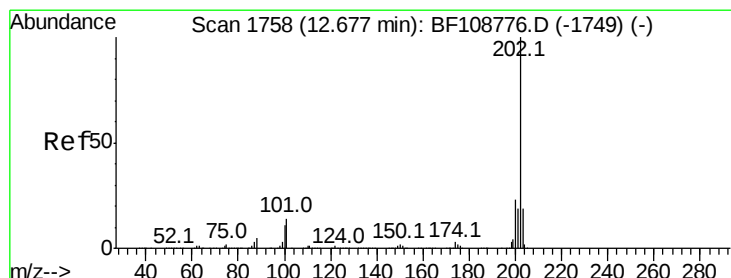
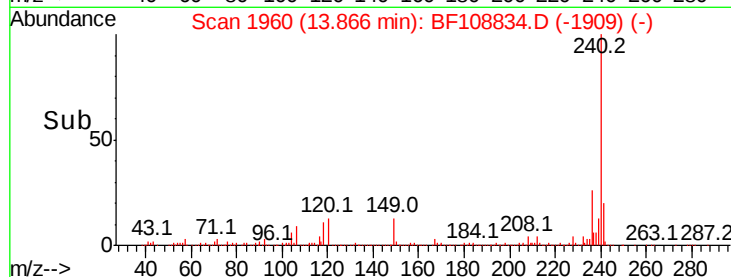
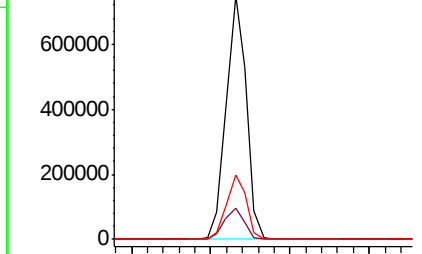
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.519 ng

RT: 12.67 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF108834.D

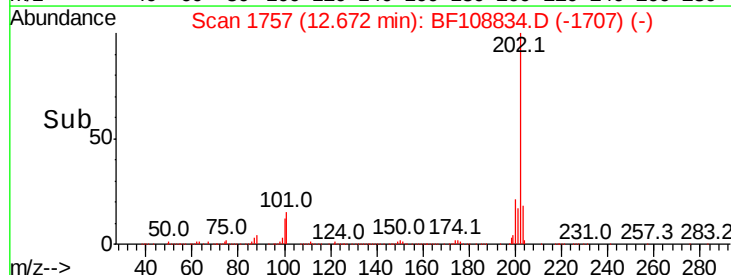
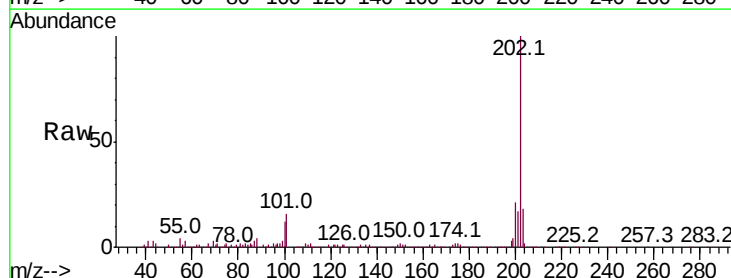
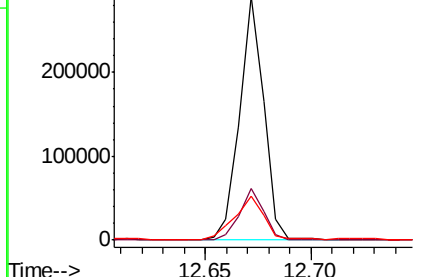
Acq: 6 Sep 2018 20:15

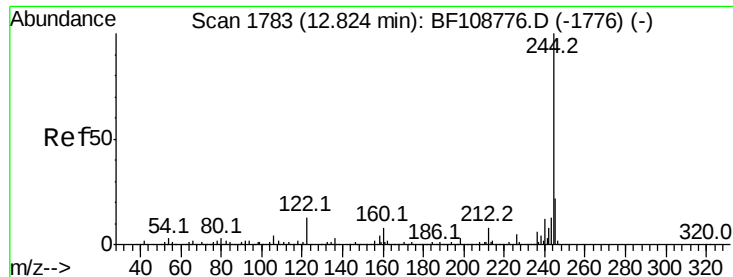
Tgt Ion:	202	Resp:	228836
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.2
203	17.8	14.3	21.5

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: 49.276 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Instrument :

BNA_F

ClientSampleId :

EP1-Q2-G5

Tot Ion:244 Resp: 1390509

Ion Ratio Lower Upper

244 100

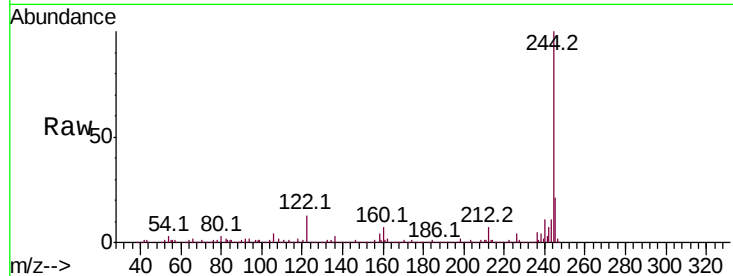
212 7.0 5.4 8.0

122 12.5 11.0 16.4

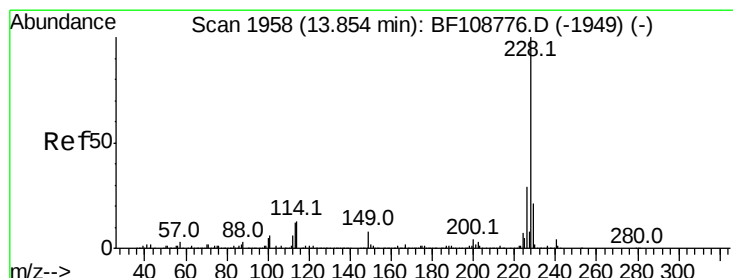
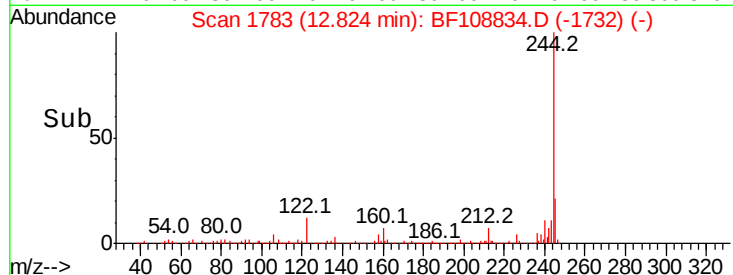
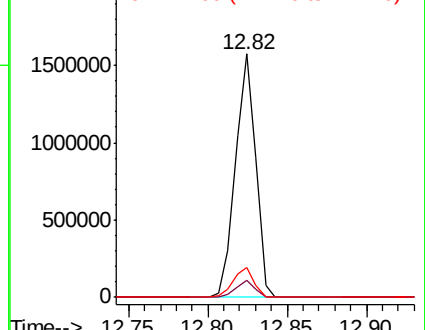
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.368 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

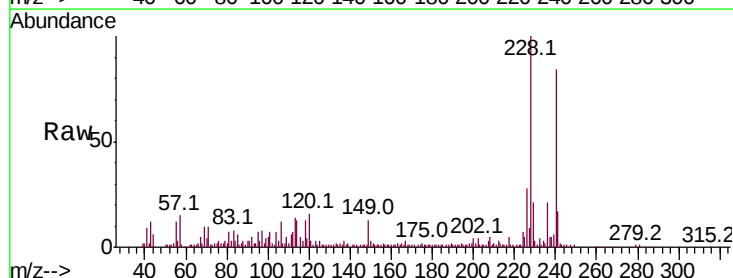
Tgt Ion:228 Resp: 99880

Ion Ratio Lower Upper

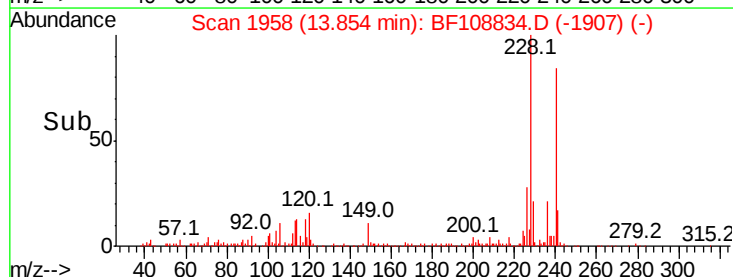
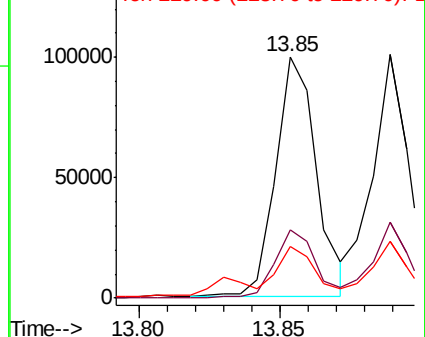
228 100

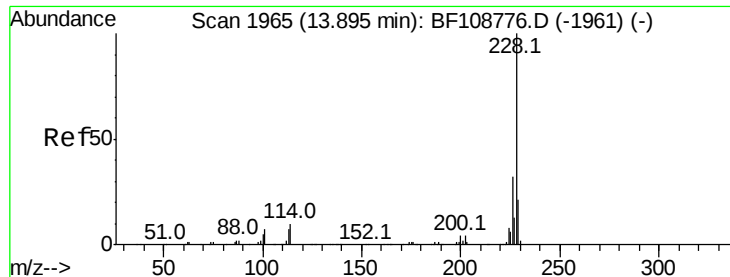
226 28.1 22.6 33.8

229 21.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.170 ng

RT: 13.89 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF108834.D

Acq: 6 Sep 2018 20:15

Instrument :

BNA_F

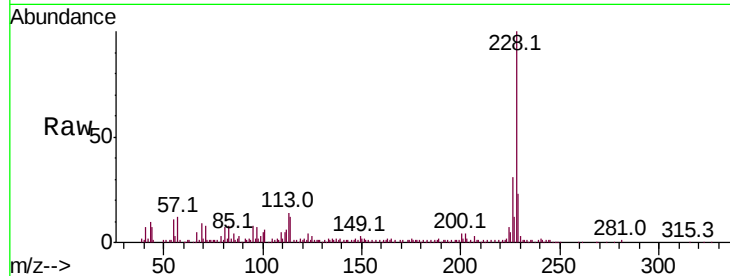
ClientSampled :

EP1-Q2-G5

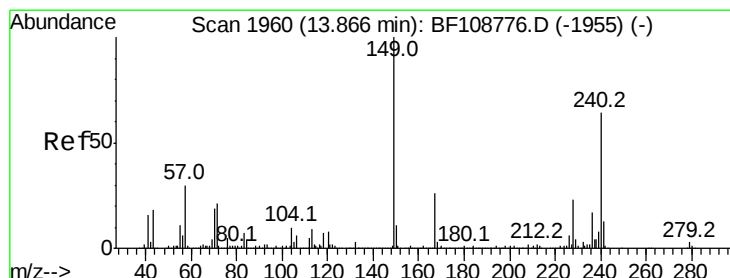
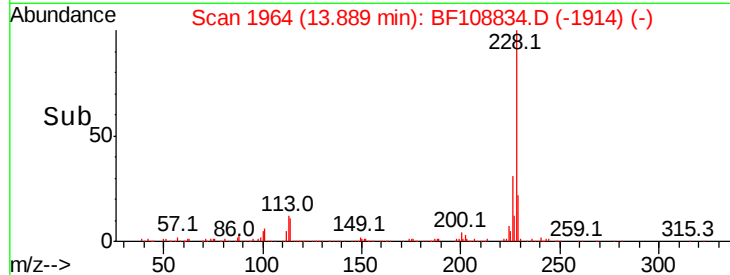
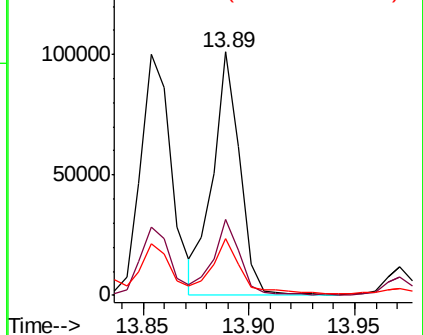
Tot Ion:	228	Resp:	88616
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	23.2	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.512 ng

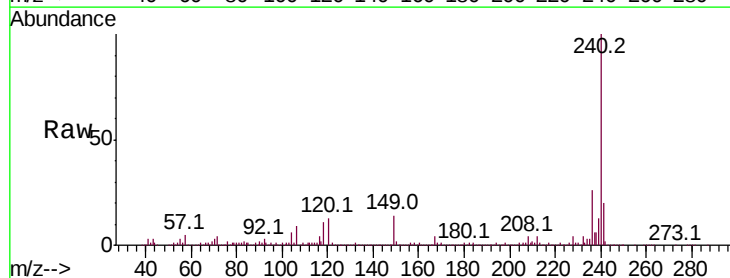
RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

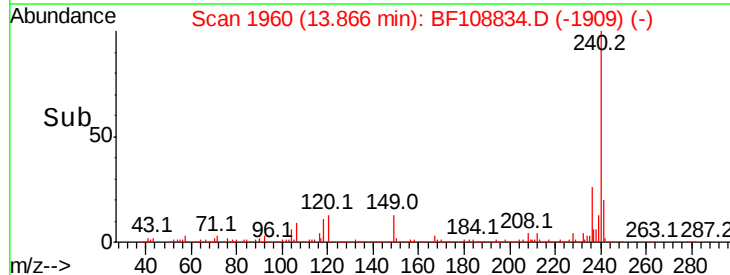
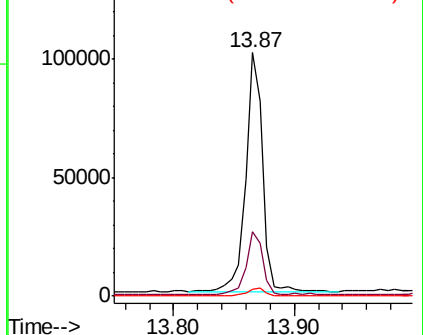
Lab File: BF108834.D

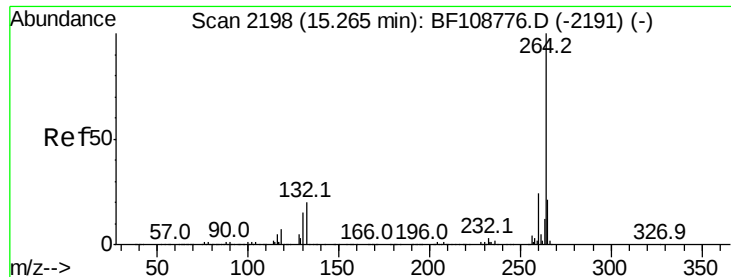
Acq: 6 Sep 2018 20:15

Tgt Ion:	149	Resp:	100640
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.0	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





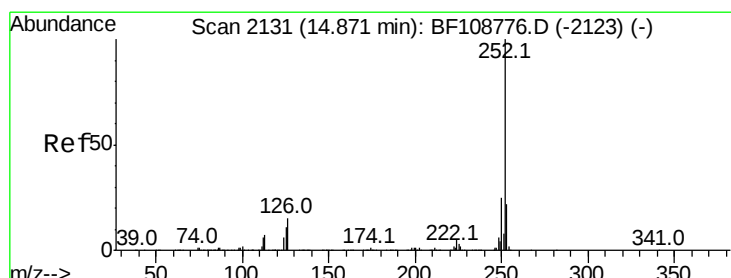
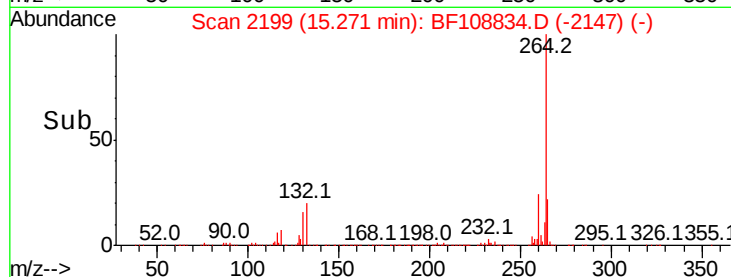
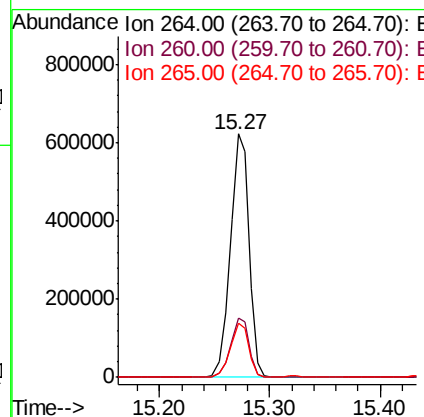
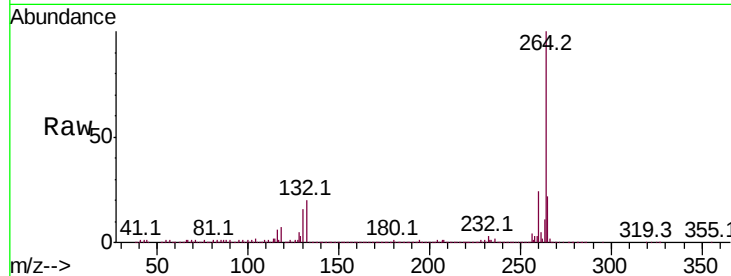
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-G5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3

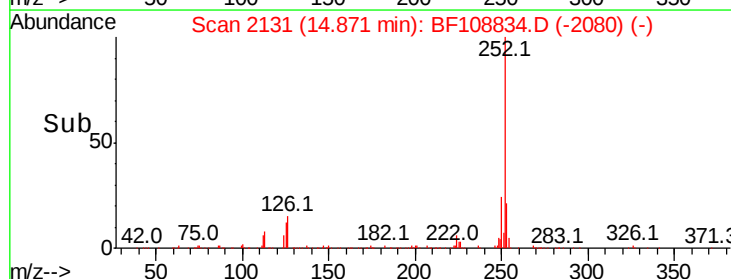
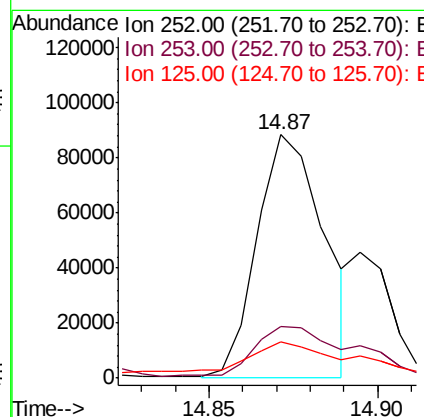
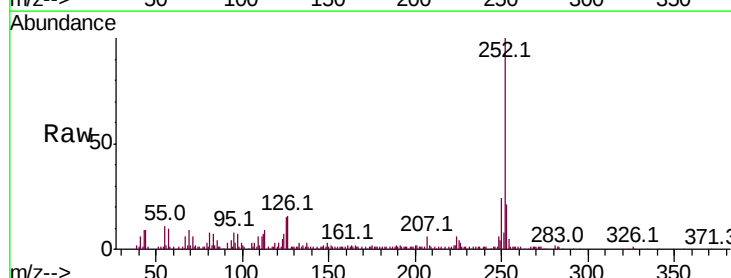
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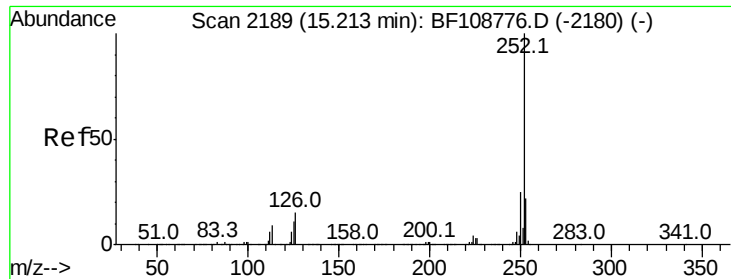
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#87
Benzo(b)fluoranthene
Concen: 3.040 ng m
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108834.D
Acq: 6 Sep 2018 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	15.1	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.636 ng
 RT: 15.21 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BF108834.D
 Acq: 6 Sep 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-G5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	14.1	9.8	14.6

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