

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108863.D
 Acq On : 7 Sep 2018 16:25
 Operator : JU/SJ
 Sample : J4775-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-B

Manual Integrations
 APPROVED

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Quant Time: Sep 10 09:32:16 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	230567	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	907080	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	430937	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	759790	20.00	ng	0.00
75) Chrysene-d12	13.87	240	501123	20.00	ng	0.00
86) Perylene-d12	15.28	264	548117	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	276829	19.89	ng	0.00
7) Phenol-d6	6.36	99	356195	19.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	209011	14.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	70273	17.08	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	412514	16.33	ng	0.00
78) Terphenyl-d14	12.82	244	316386	14.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	95048	3.153	ng	Qvalue # 98
57) Fluorene	10.31	166	49541	2.140	ng	98
70) Phenanthrene	11.27	178	447191	12.325	ng	99
71) Anthracene	11.32	178	125677	3.618	ng	98
74) Fluoranthene	12.45	202	477171	13.283	ng	98
77) Pyrene	12.68	202	446114	11.569	ng	99
80) Benzo(a)anthracene	13.86	228	178801	5.567	ng	95
82) Chrysene	13.89	228	170122	5.471	ng	96
85) Indeno(1,2,3-cd)pyrene	16.63	276	78949	2.869	ng	# 91
87) Benzo(b)fluoranthene	14.88	252	210935m	7.077	ng	
89) Benzo(a)pyrene	15.22	252	158201	5.883	ng	98
91) Benzo(a,h,i)perylene	17.04	276	71772	3.025	ng	# 93

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

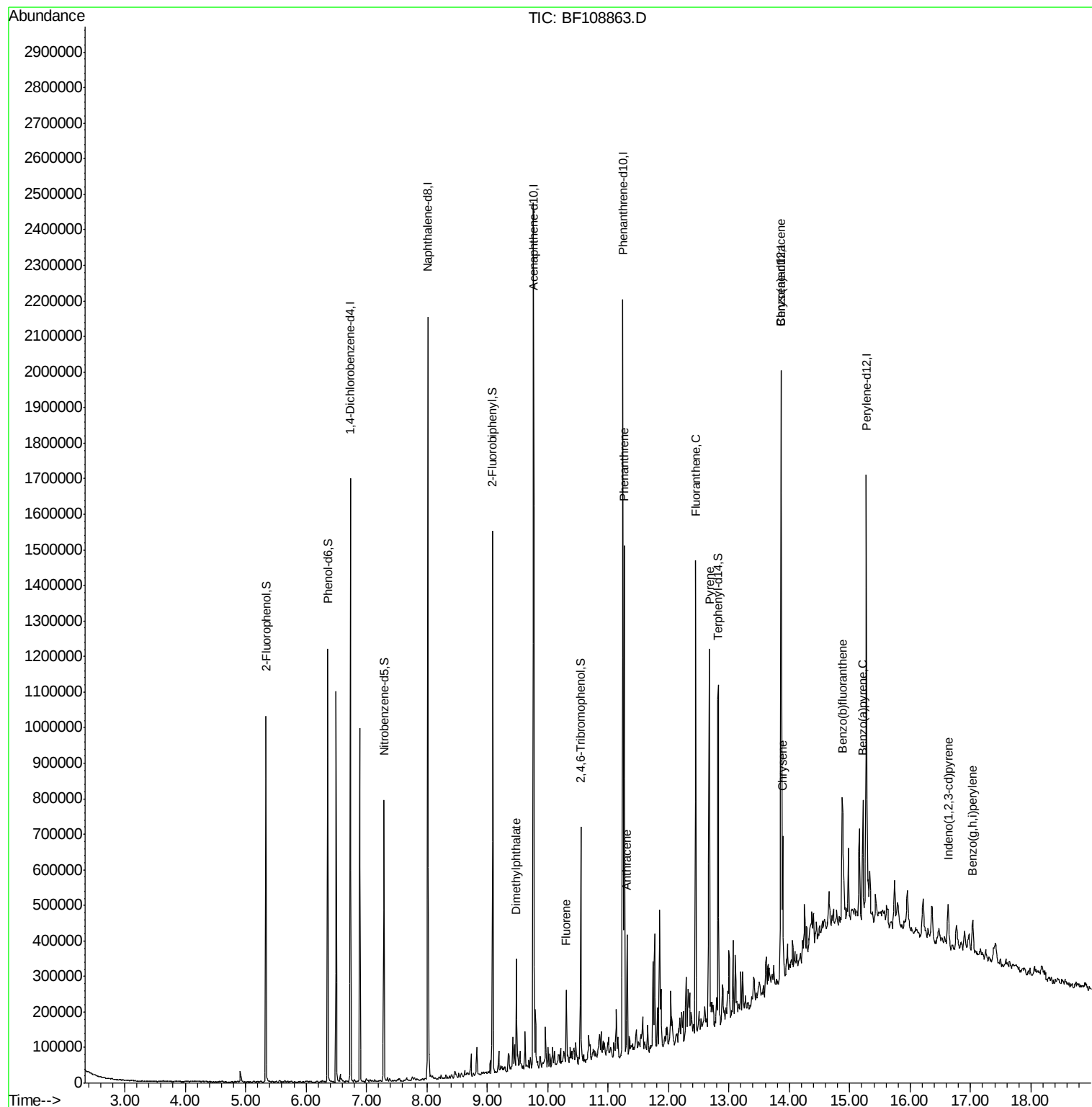
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108863.D
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Operator : JU/SJ
Sample : J4775-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

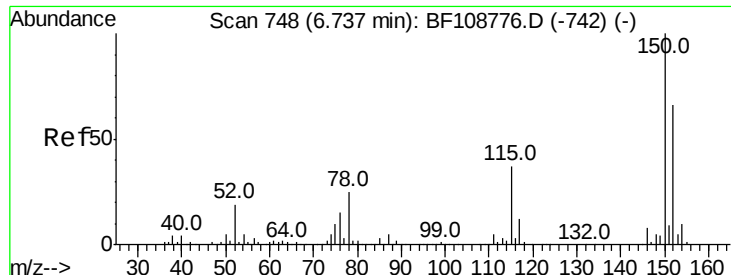
Instrument :
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#1

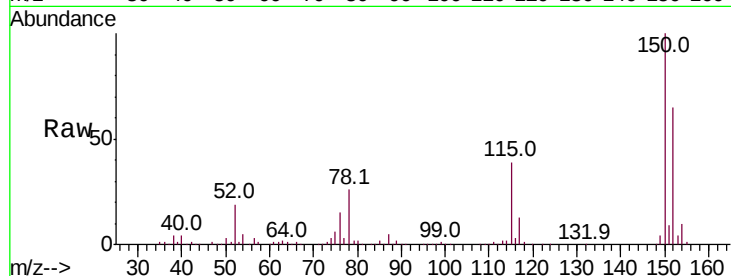
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	59.4	50.1	75.1

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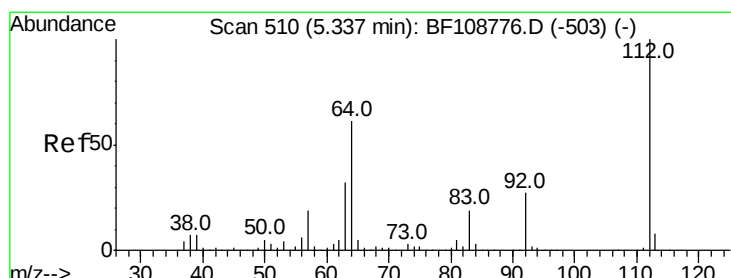
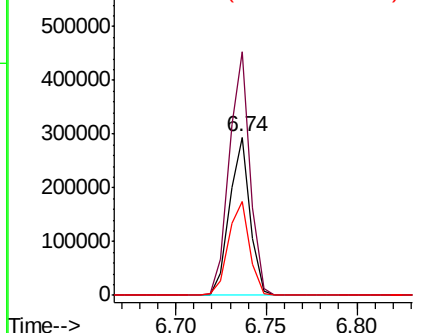
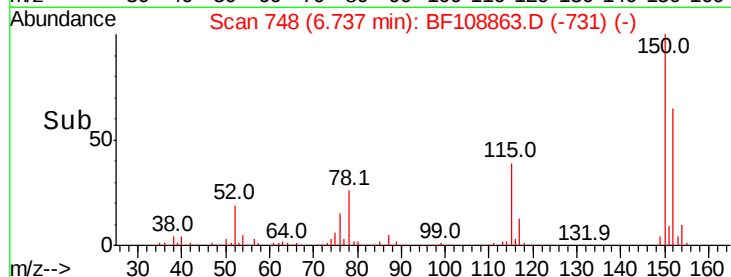


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

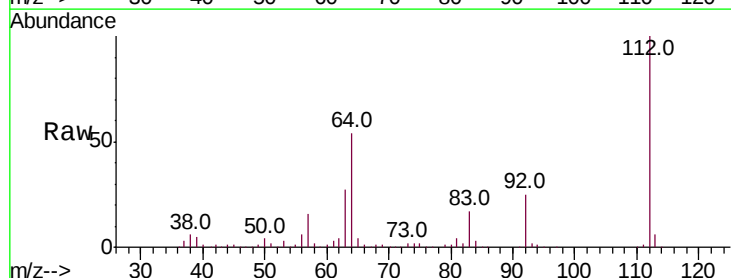
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.891 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	27.3	23.7	35.5

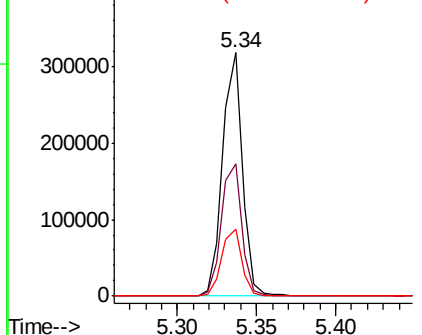
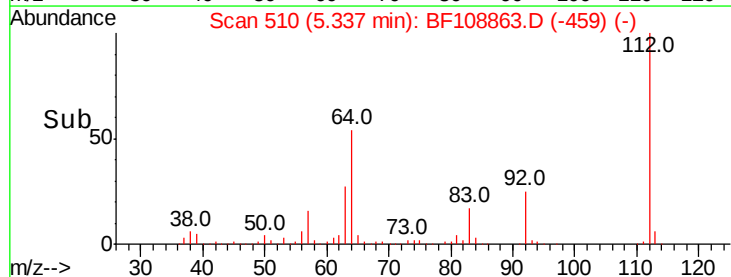


Abundance

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: 19.891 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108863.D

Acq: 7 Sep 2018 16:25

Instrument :

BNA_F

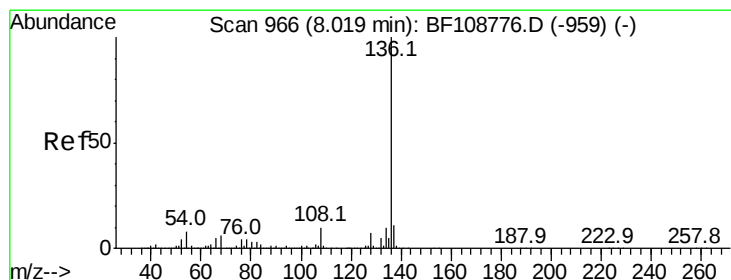
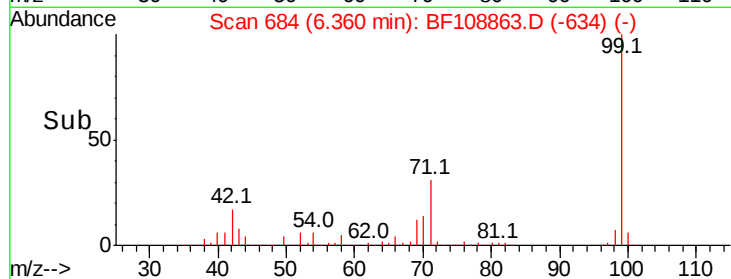
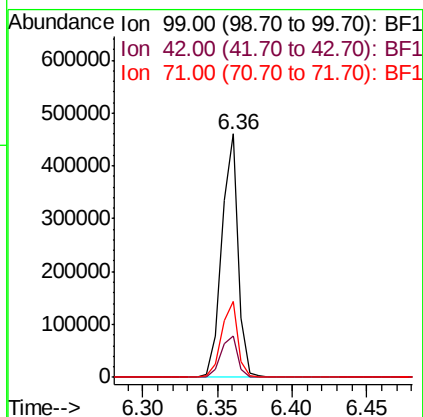
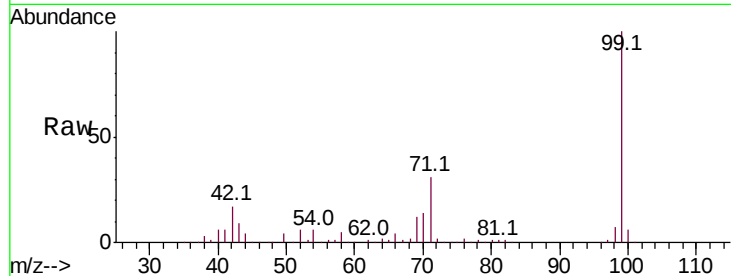
ClientSampleId :

OR-02-090618-B

Tot Ion:	99	Resp:	356195
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.5	21.7
71	31.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

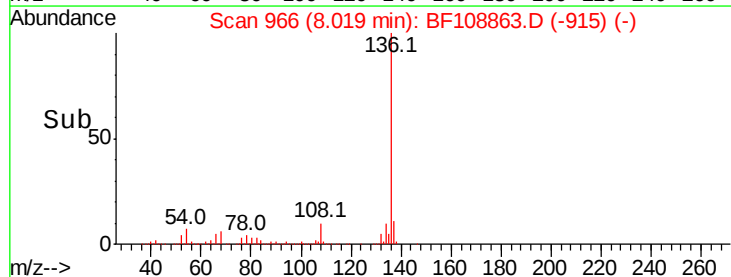
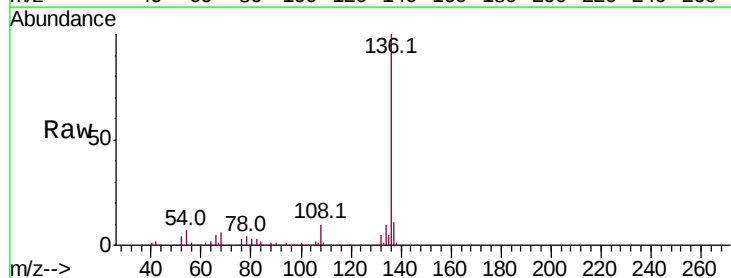
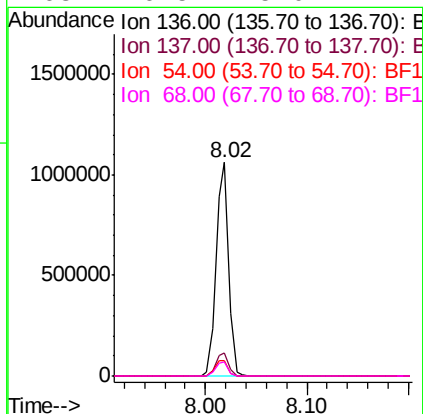
RT: 8.02 min Scan# 966

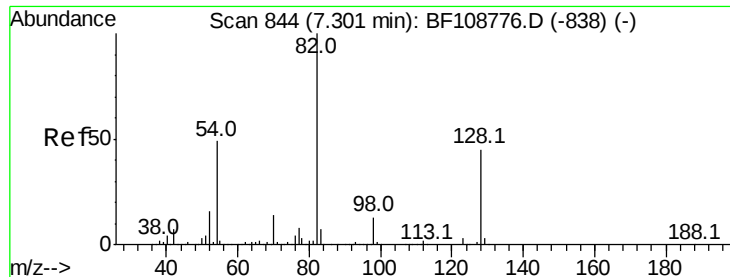
Delta R.T. -0.00 min

Lab File: BF108863.D

Acq: 7 Sep 2018 16:25

Tgt Ion:	136	Resp:	907080
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.5	5.0	7.4





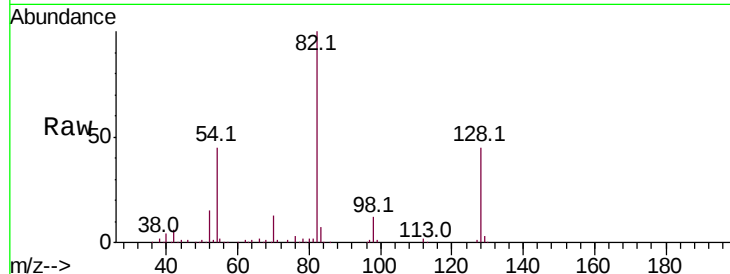
#23
Nitrobenzene-d5
Concen: 14.420 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-B

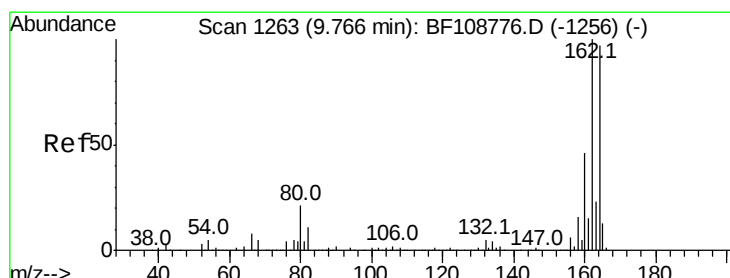
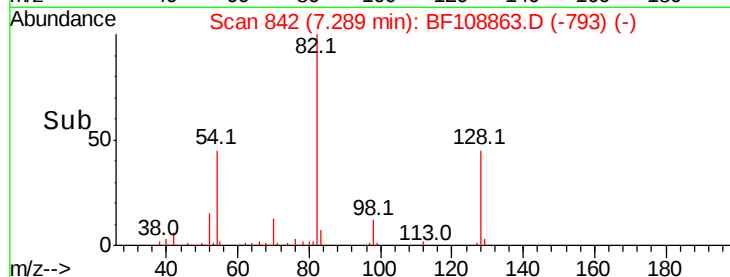
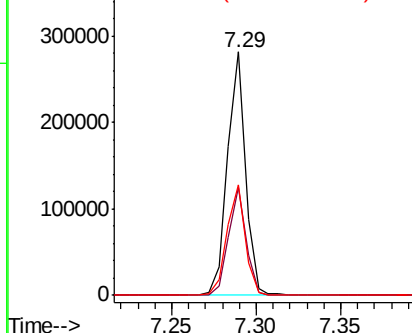
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	36.1	54.1	
54	45.5	41.4	62.2	

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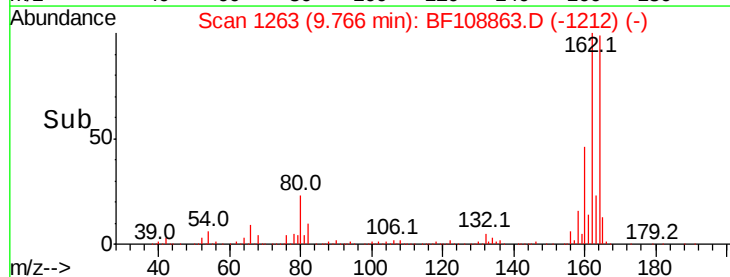
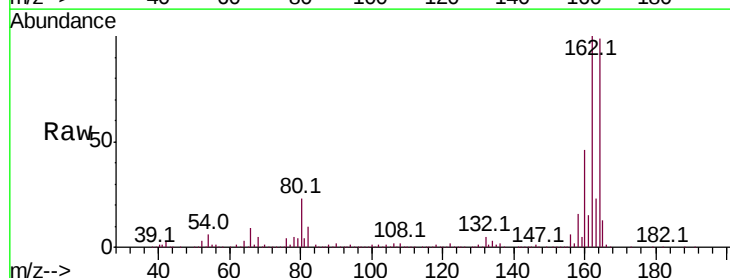
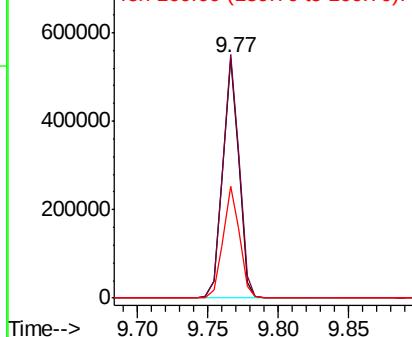
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	86.1	129.1	
160	46.5	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: 17.082 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF108863.D

Acq: 7 Sep 2018 16:25

Instrument :

BNA_F

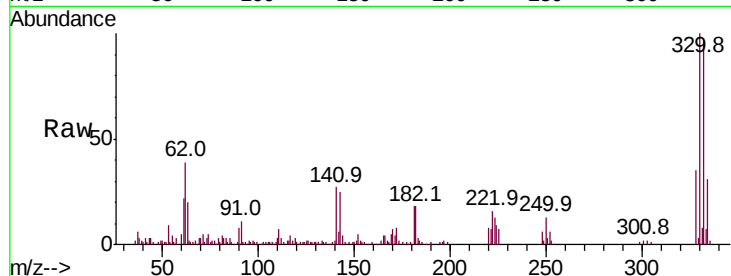
ClientSampleId :

OR-02-090618-B

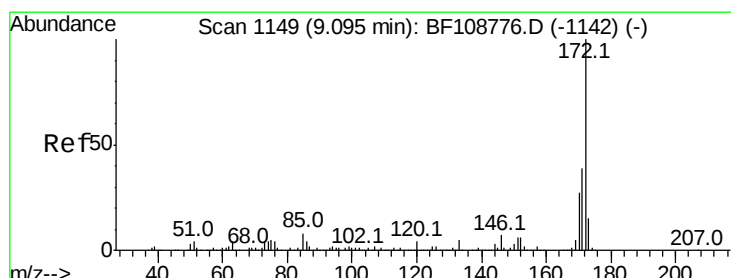
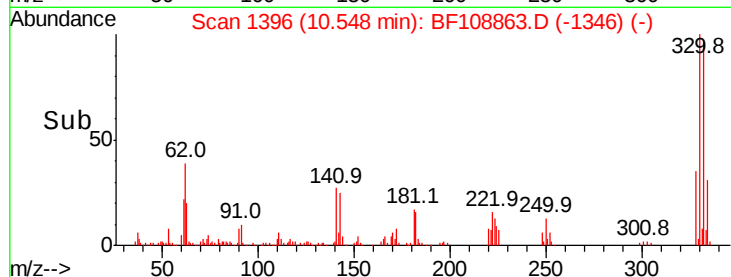
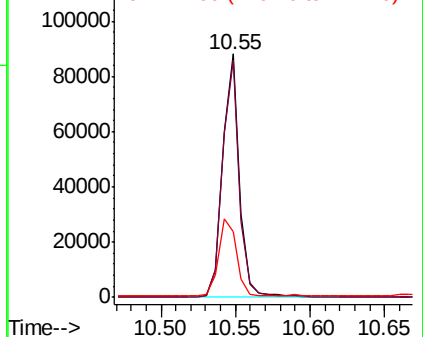
Tot Ion:	330	Resp:	70273
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	33.9	29.9	44.9

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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: 16.331 ng

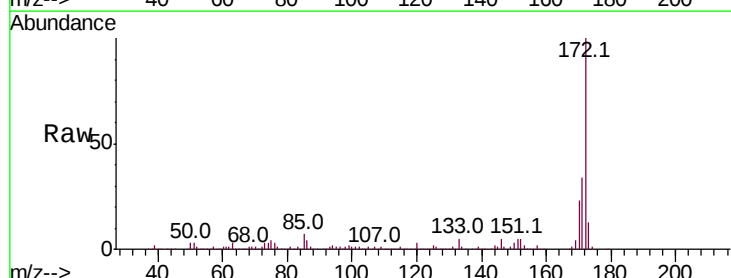
RT: 9.09 min Scan# 1148

Delta R.T. -0.01 min

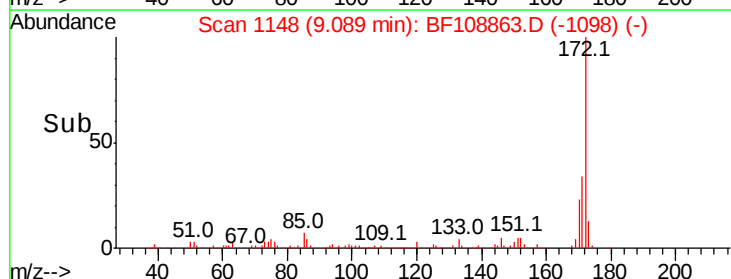
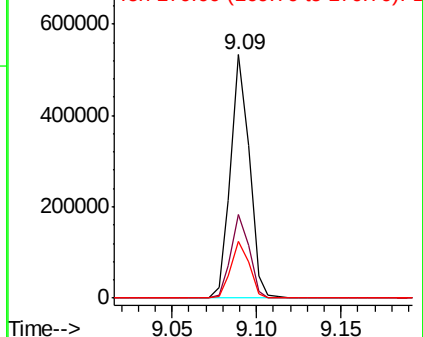
Lab File: BF108863.D

Acq: 7 Sep 2018 16:25

Tgt Ion:	172	Resp:	412514
Ion Ratio	Lower	Upper	
172	100		
171	34.5	29.7	44.5
170	23.4	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





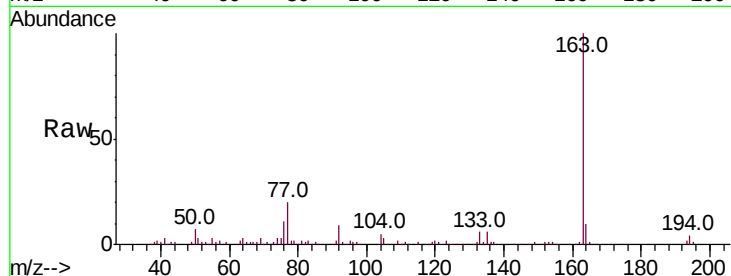
#49
Dimethylphthalate
Concen: 3.153 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-B

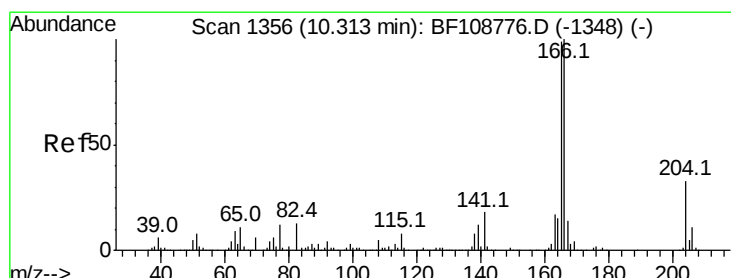
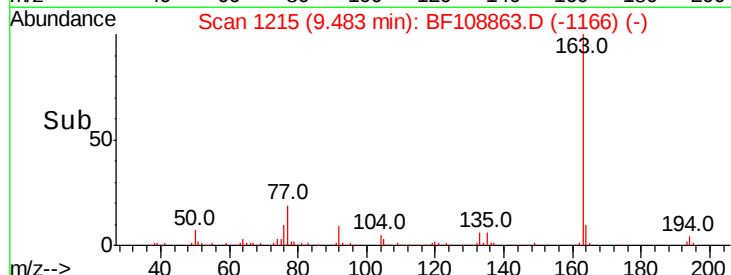
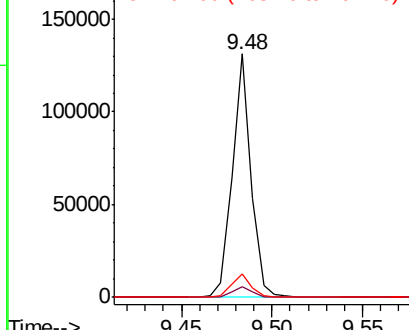
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	9.5	8.2	12.2	

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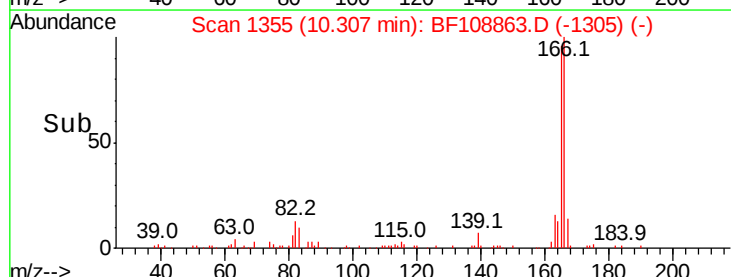
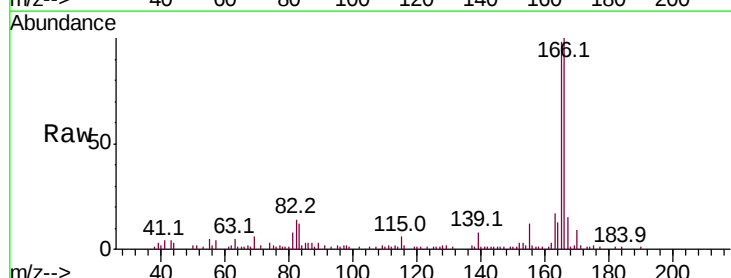
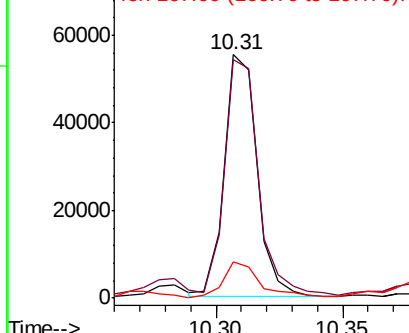
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

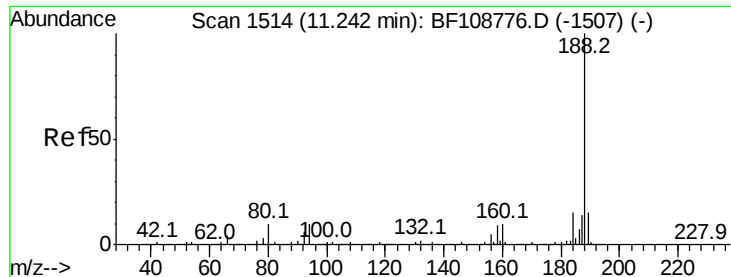


#57
Fluorene
Concen: 2.140 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	79.8	119.8	
167	15.1	10.6	16.0	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





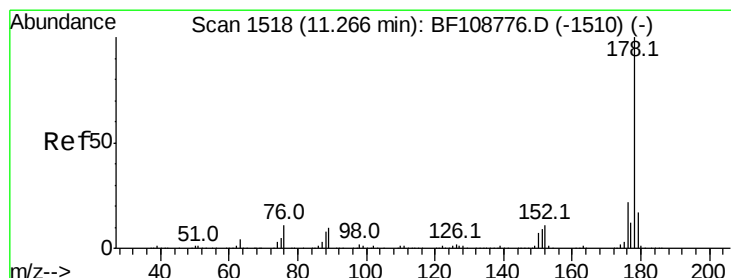
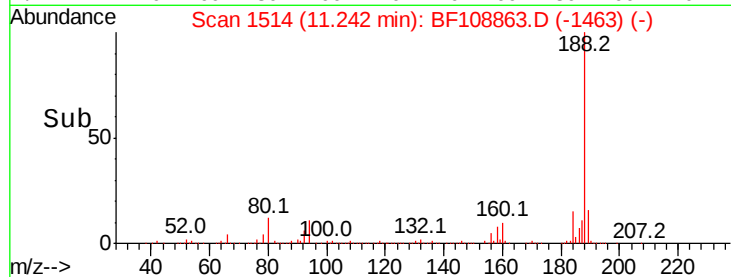
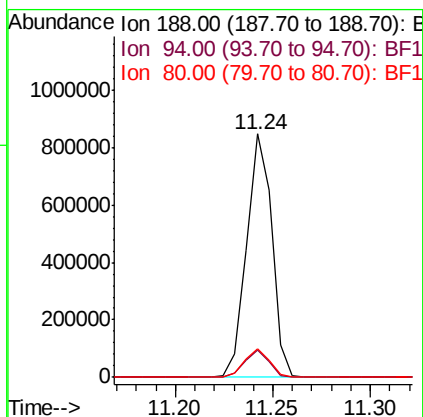
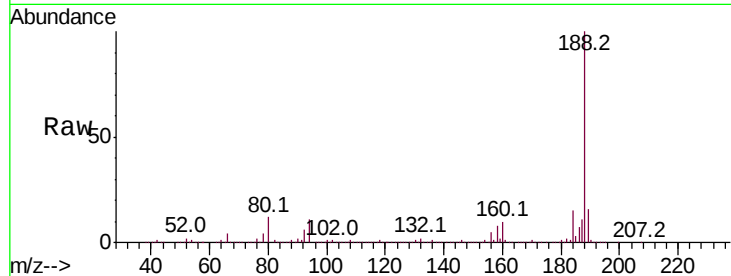
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	759790		
94	11.3		8.5	12.7
80	11.8		9.2	13.8

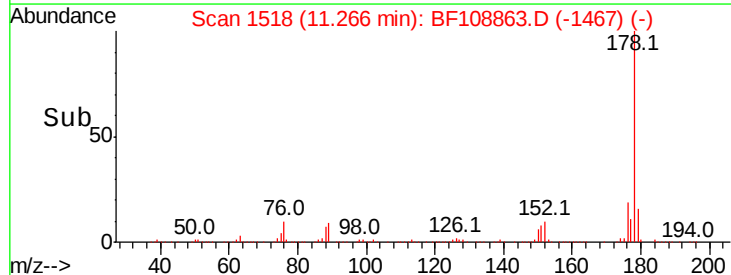
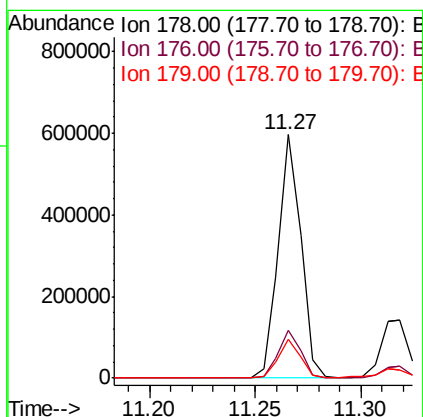
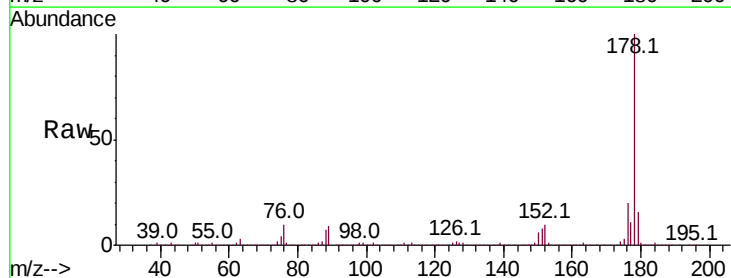
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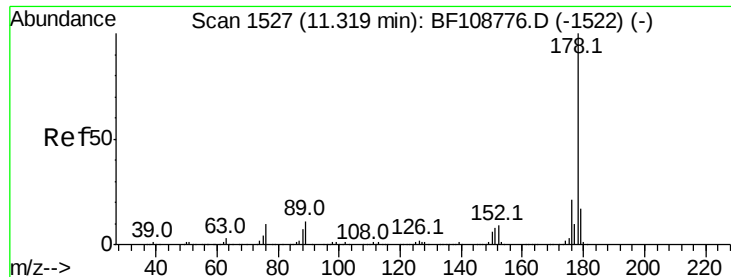
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#70
Phenanthrene
Concen: 12.325 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	447191		
176	19.6		15.8	23.8
179	16.0		13.0	19.6





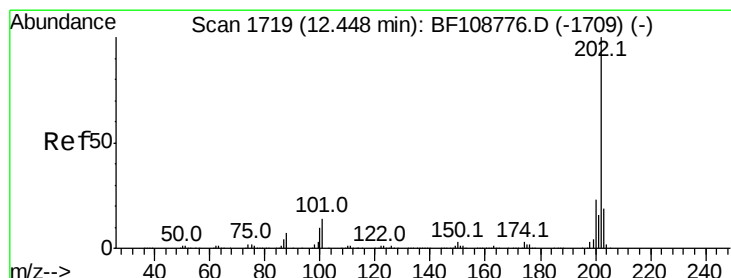
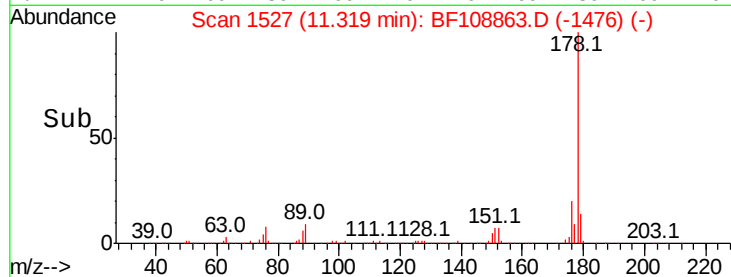
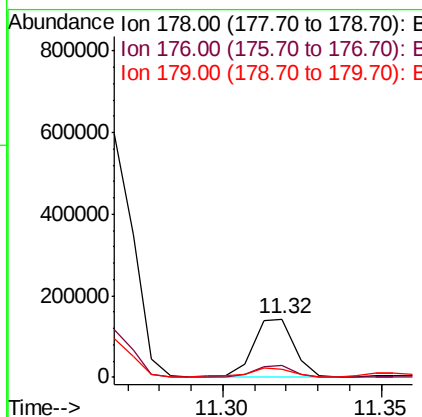
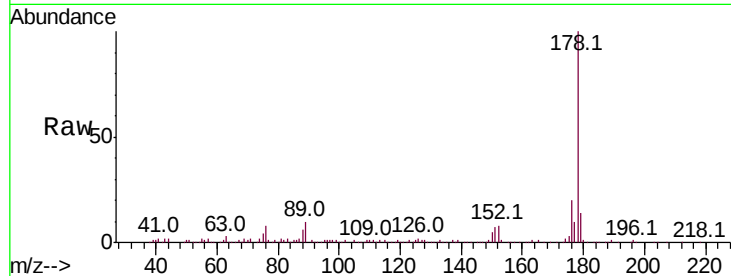
#71
 Anthracene
 Concen: 3.618 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF108863.D
 Acq: 7 Sep 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	14.3	12.6	19.0

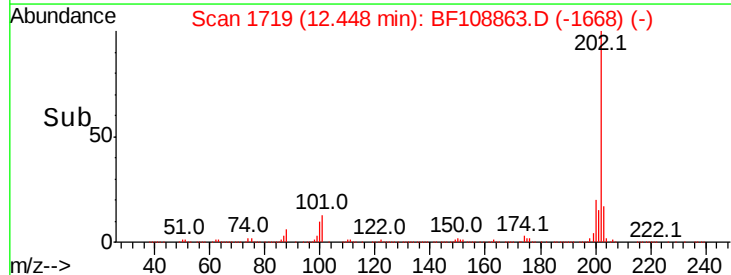
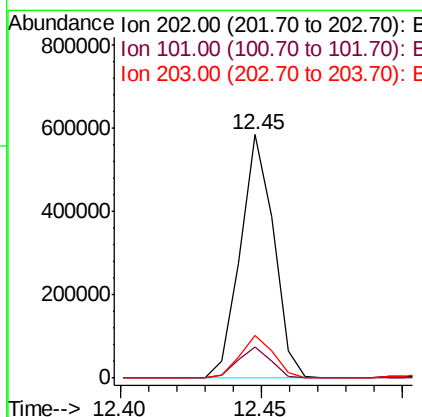
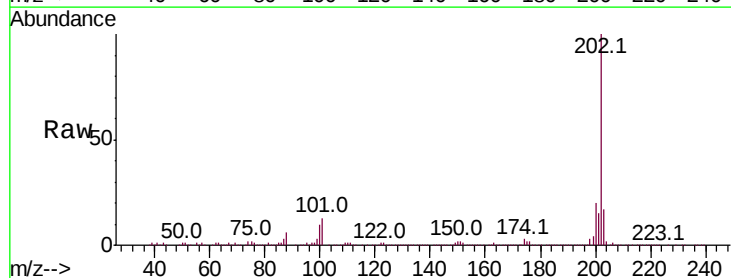
Manual Integrations
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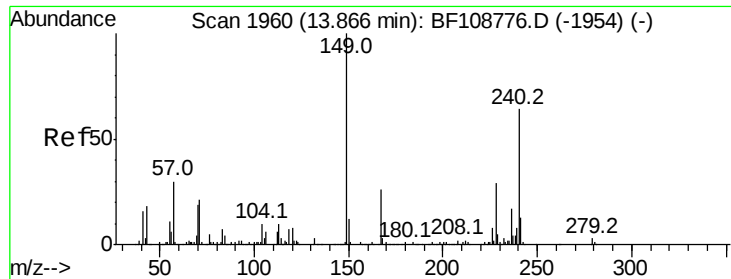
Sohil
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#74
 Fluoranthene
 Concen: 13.283 ng
 RT: 12.45 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BF108863.D
 Acq: 7 Sep 2018 16:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.5	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: BF108863.D

Acq: 7 Sep 2018 16:25

Instrument :

BNA_F

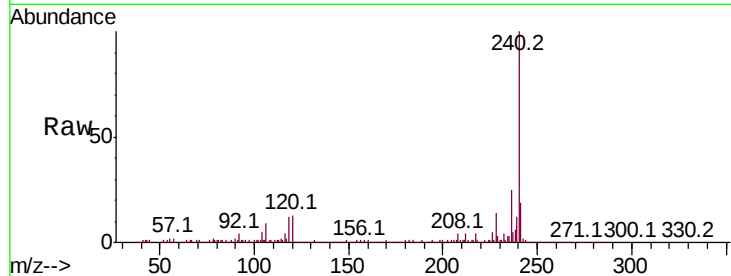
ClientSampleId :

OR-02-090618-B

Tot Ion:	240	Resp:	501123
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	25.2	20.7	31.1

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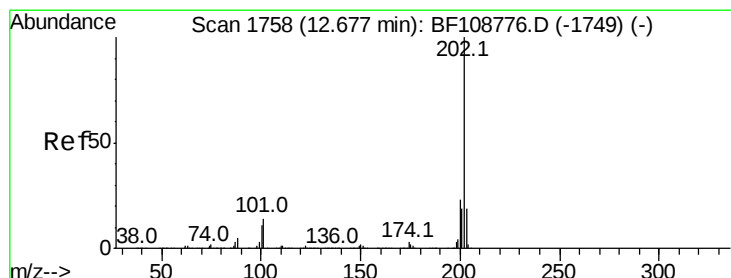
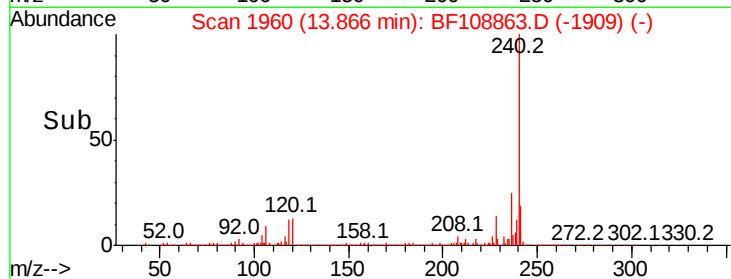
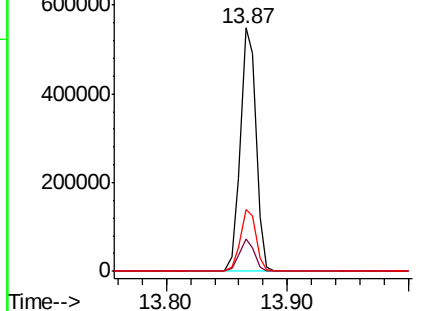
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 11.569 ng

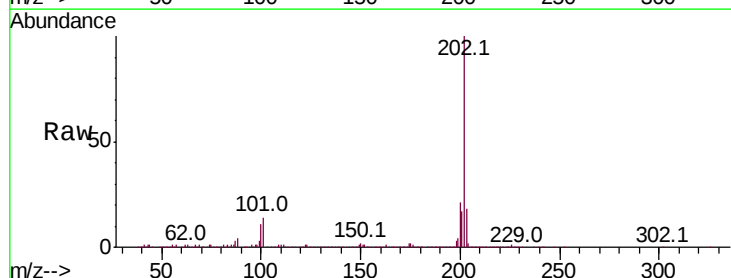
RT: 12.68 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF108863.D

Acq: 7 Sep 2018 16:25

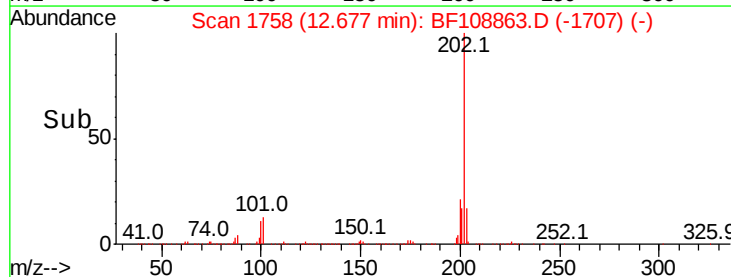
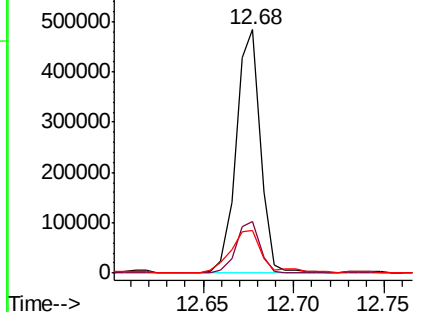
Tgt Ion:	202	Resp:	446114
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5

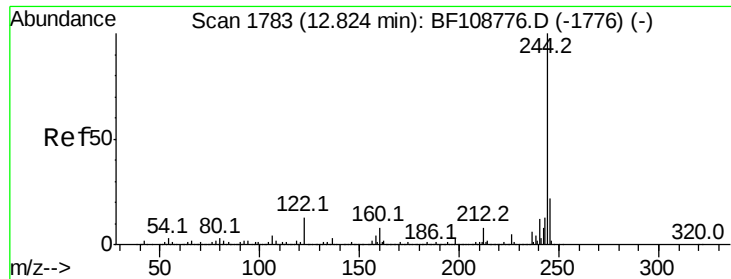


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





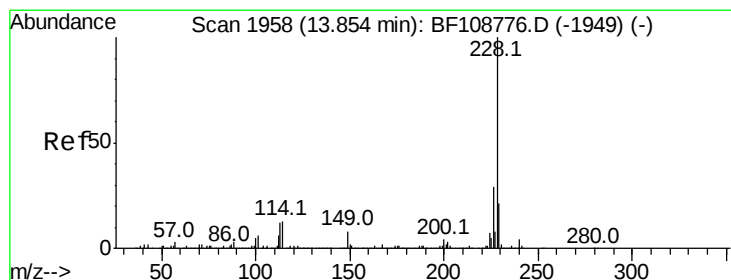
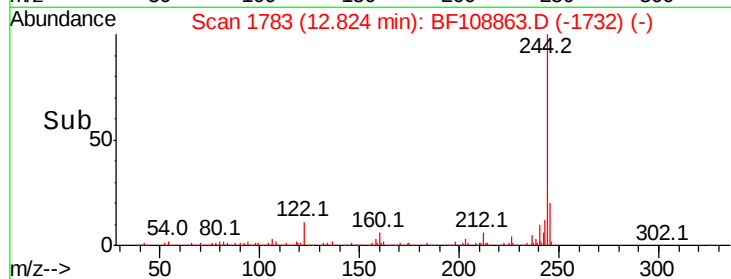
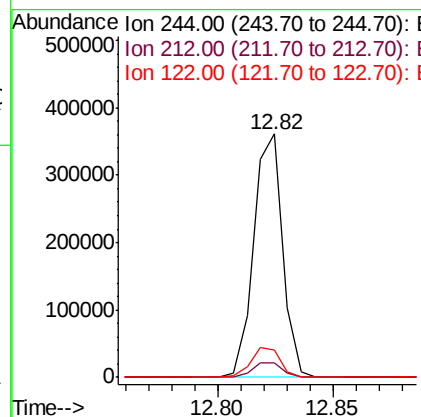
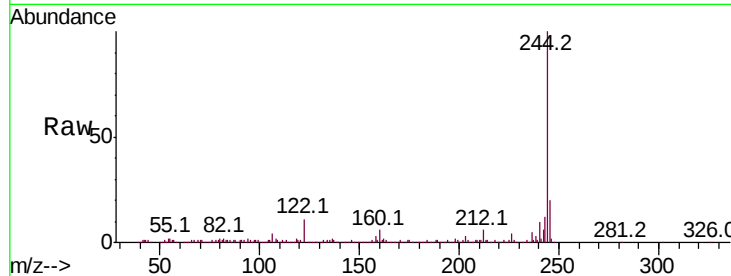
#78
 Terphenyl-d14
 Concen: 14.723 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108863.D
 Acq: 7 Sep 2018 16:25

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-B

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.2	5.4	8.0	
122	11.0	11.0	16.4	

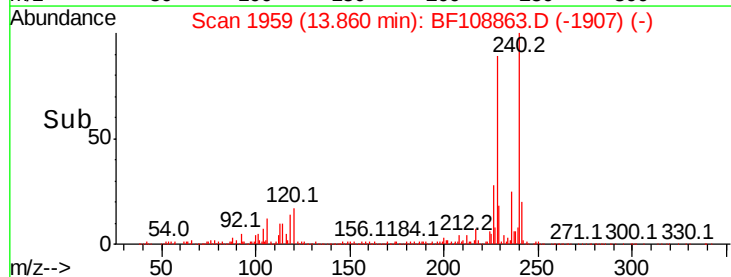
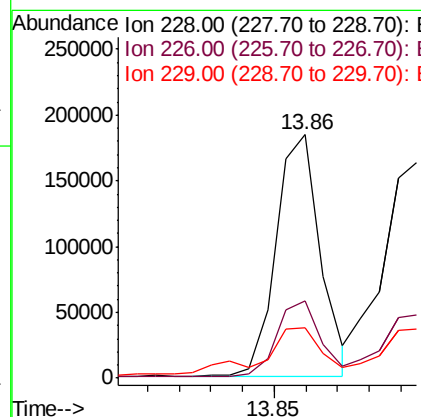
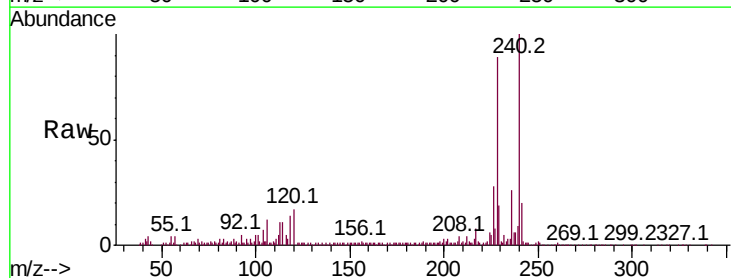
Manual Integrations
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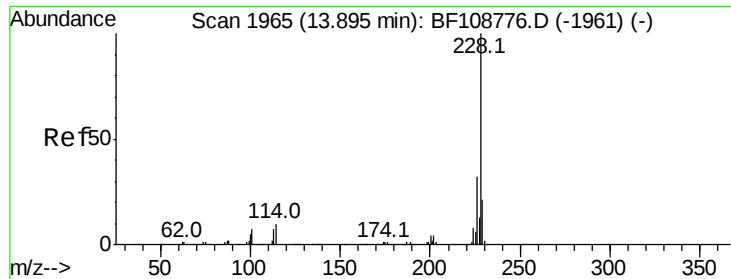
Sohil
 9/10/2018 5:35:21 PM



#80
 Benzo(a)anthracene
 Concen: 5.567 ng
 RT: 13.86 min Scan# 1959
 Delta R.T. 0.01 min
 Lab File: BF108863.D
 Acq: 7 Sep 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.6	22.6	33.8	
229	20.8	15.8	23.6	





#82

Chrysene

Concen: 5.471 ng

RT: 13.89 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BF108863.D

Acq: 7 Sep 2018 16:25

Instrument :

BNA_F

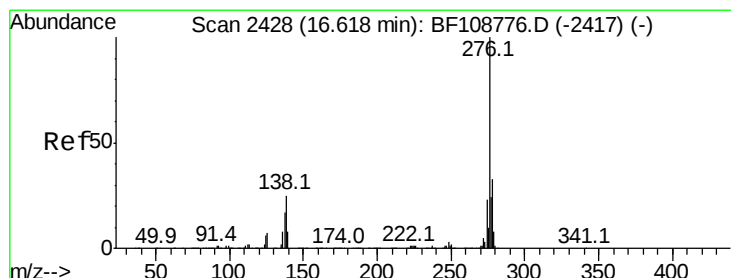
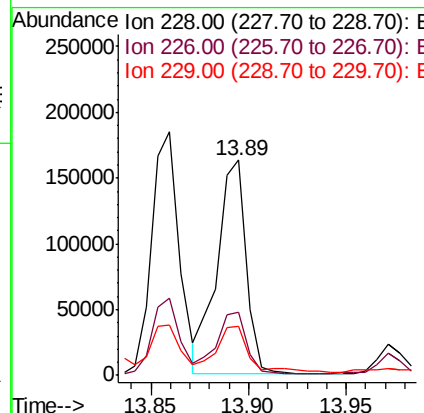
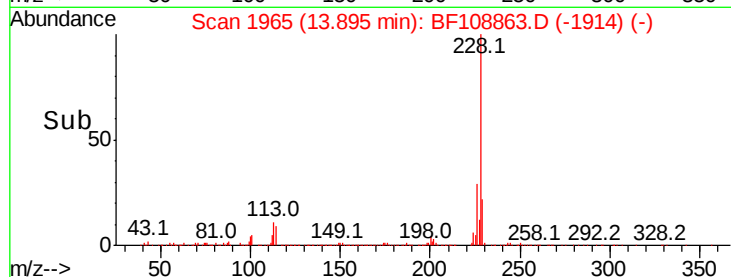
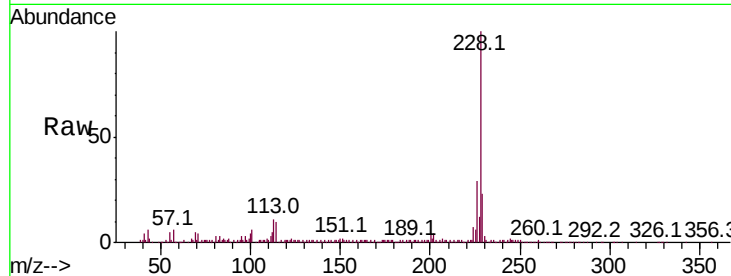
ClientSampleId :

OR-02-090618-B

Tot Ion:	228	Resp:	170122
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.6
229	22.6	16.2	24.4

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.869 ng

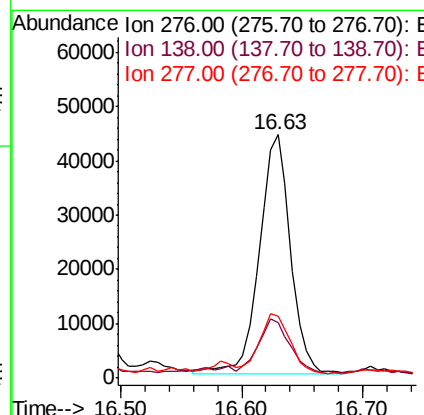
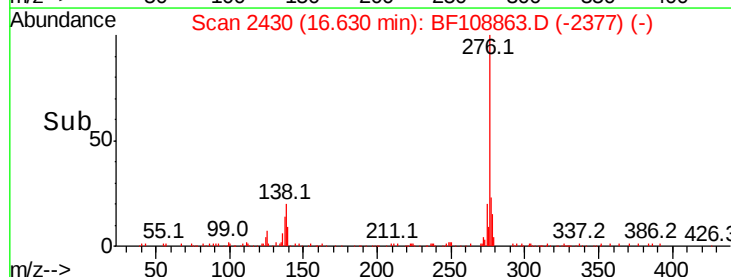
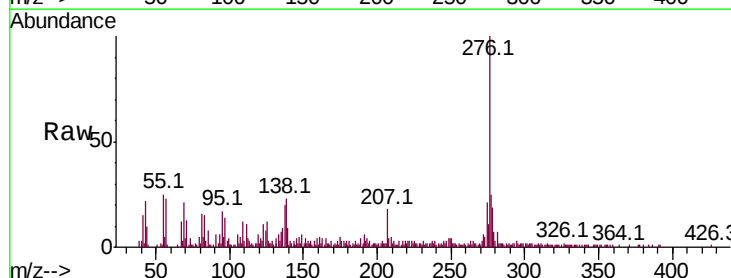
RT: 16.63 min Scan# 2430

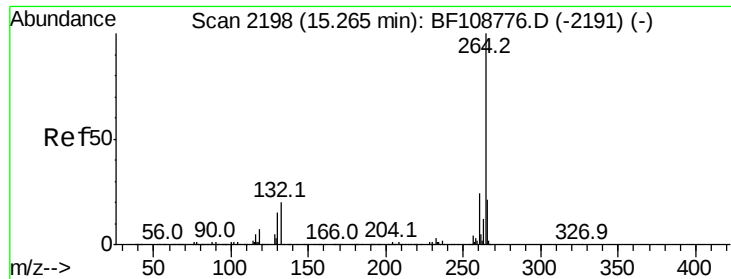
Delta R.T. 0.01 min

Lab File: BF108863.D

Acq: 7 Sep 2018 16:25

Tgt Ion:	276	Resp:	78949
Ion Ratio	Lower	Upper	
276	100		
138	22.5	25.0	37.6#
277	25.1	20.1	30.1





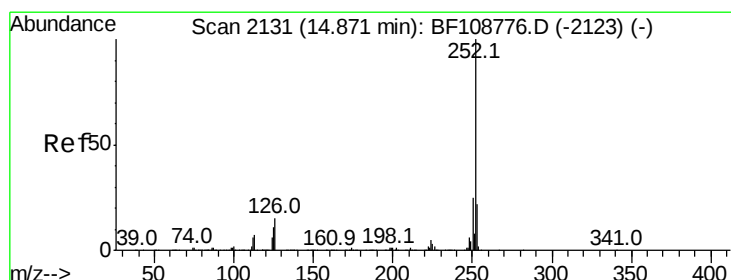
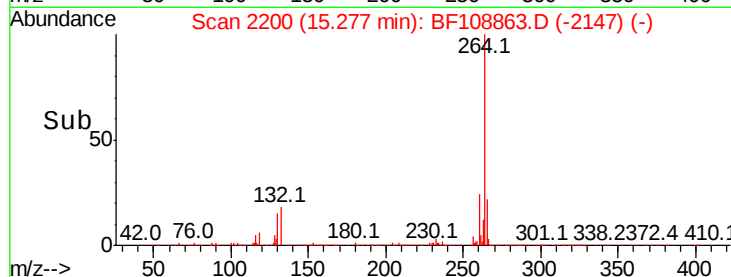
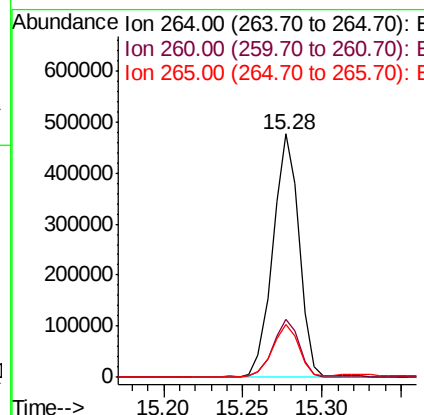
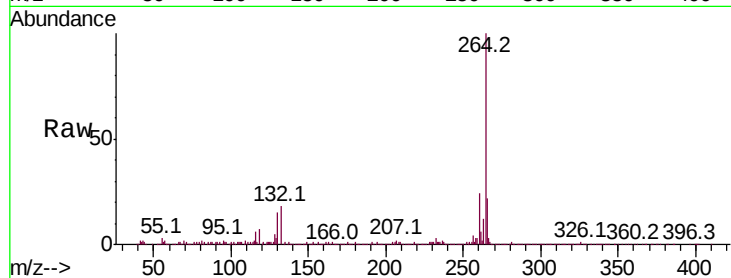
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

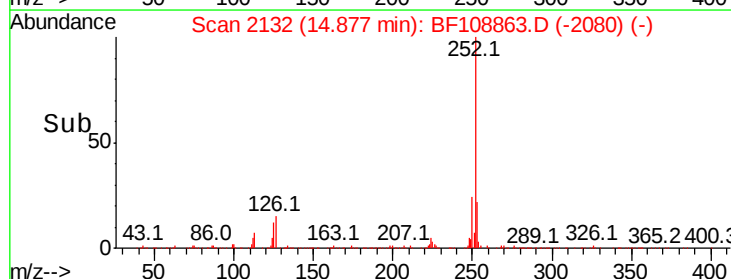
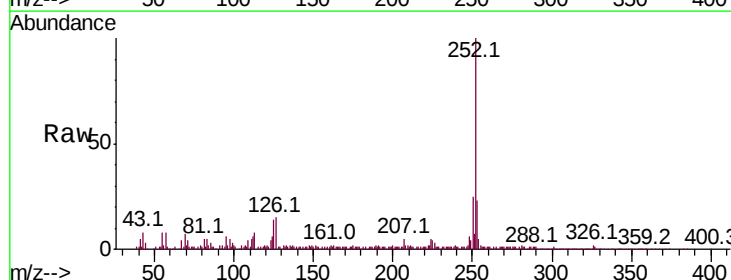
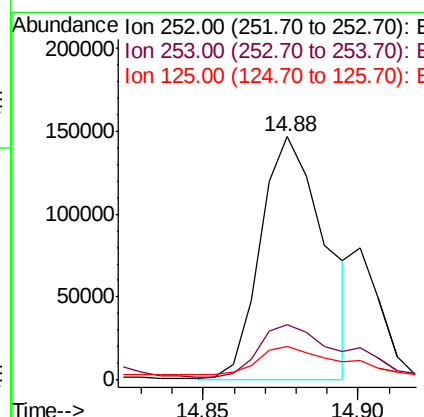
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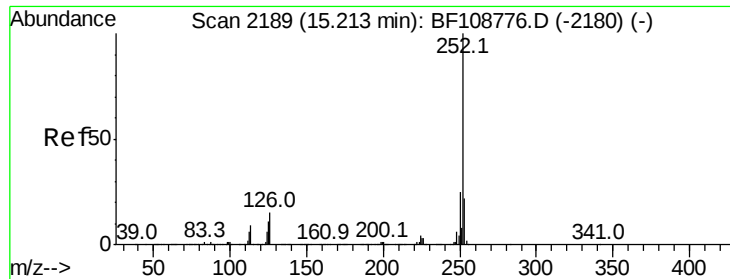
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#87
Benzo(b)fluoranthene
Concen: 7.077 ng m
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.9	9.0	13.6





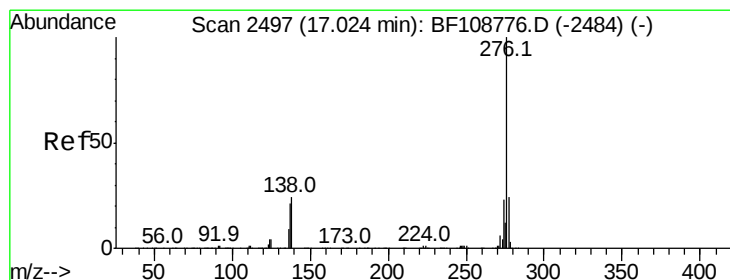
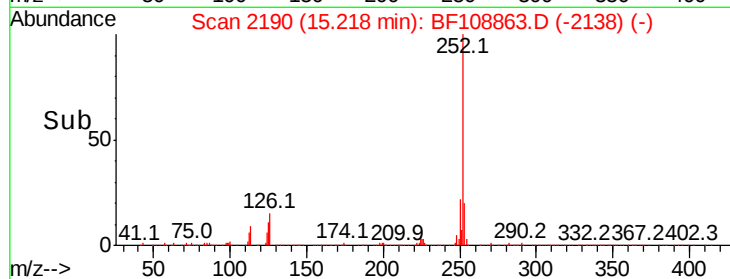
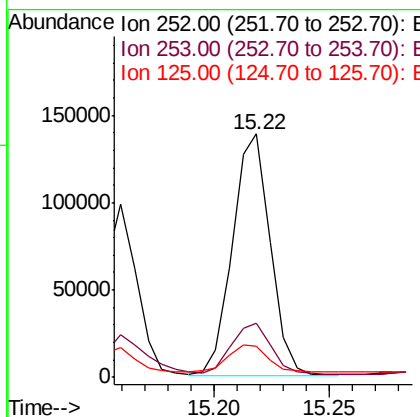
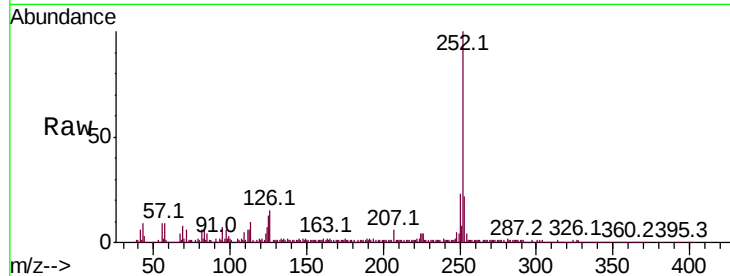
#89
Benzo(a)pyrene
Concen: 5.883 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-B

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	17.1	25.7	
125	12.9	9.8	14.6	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.025 ng
RT: 17.04 min Scan# 2499
Delta R.T. 0.01 min
Lab File: BF108863.D
Acq: 7 Sep 2018 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	27.3	17.9	26.9	
138	24.7	21.8	32.8	

