

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108262.D
 Acq On : 18 Aug 2018 00:30
 Operator : JU/SJ
 Sample : J4501-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-SSW-15-021

Manual Integrations
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 8/20/2018 12:48:39 PM

Quant Time: Aug 18 01:22:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	152702	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	568975	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	257101	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	437875	20.00	ng	0.00
75) Chrysene-d12	14.21	240	400151	20.00	ng	-0.01
86) Perylene-d12	15.77	264	310343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	729637	86.51	ng	0.01
7) Phenol-d6	6.64	99	950867	84.84	ng	0.00
23) Nitrobenzene-d5	7.58	82	624225	61.22	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	199280	77.71	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	971322	60.65	ng	0.00
78) Terphenyl-d14	13.14	244	761861	48.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	86942	4.855	ng	Qvalue # 99
70) Phenanthrene	11.58	178	277515	13.437	ng	98
71) Anthracene	11.63	178	67295	3.179	ng	98
73) Di-n-butylphthalate	12.10	149	60050	2.819	ng	97
74) Fluoranthene	12.78	202	360867	16.010	ng	94
77) Pyrene	13.01	202	304385	12.015	ng	99
80) Benzo(a)anthracene	14.20	228	179963	7.837	ng	98
82) Chrysene	14.24	228	167609	7.961	ng	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	45083	2.471	ng	# 90
87) Benzo(b)fluoranthene	15.29	252	165909m	8.947	ng	
88) Benzo(k)fluoranthene	15.32	252	57331m	3.363	ng	
89) Benzo(a)pyrene	15.70	252	100917	6.077	ng	96
91) Benzo(a,h,i)perylene	17.87	276	37737	2.789	ng	94

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

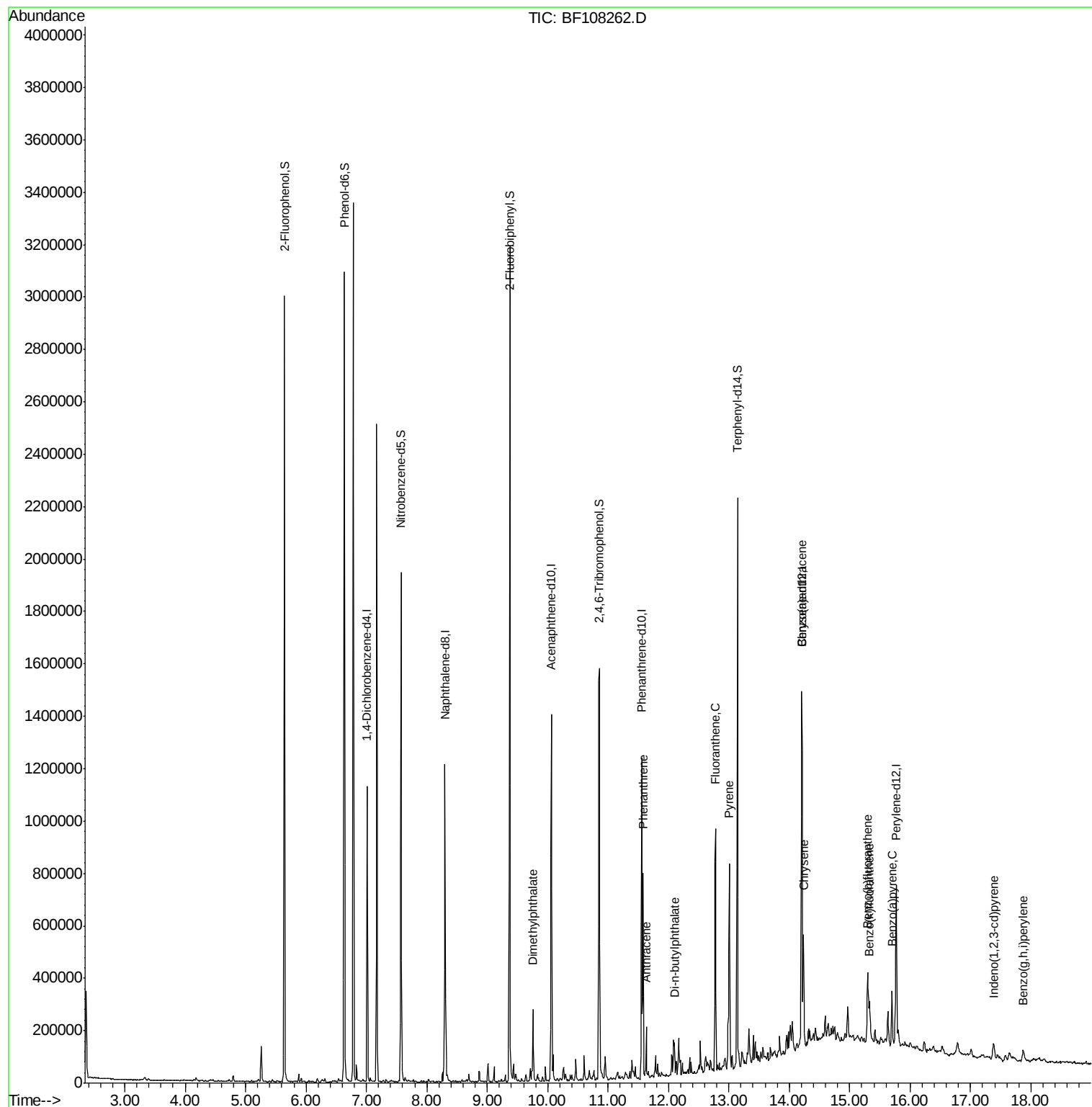
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108262.D
Acq On : 18 Aug 2018 00:30
Operator : JU/SJ
Sample : J4501-06
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration





#1

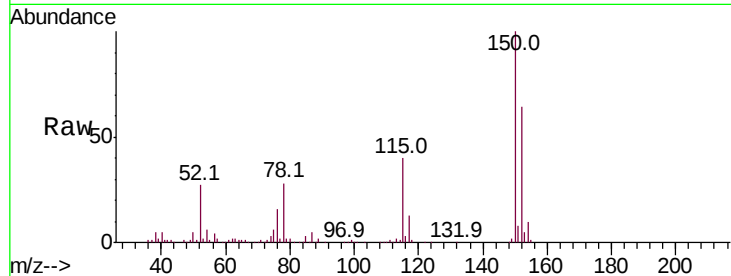
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-15-021

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	62.7	50.1	75.1

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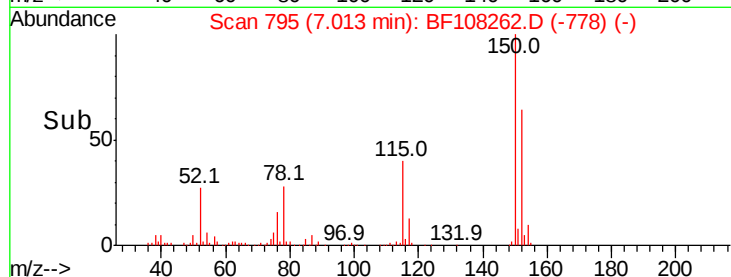
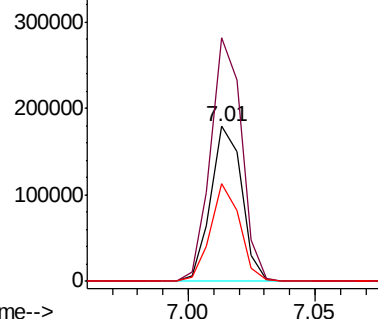


Abundance

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: 86.507 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

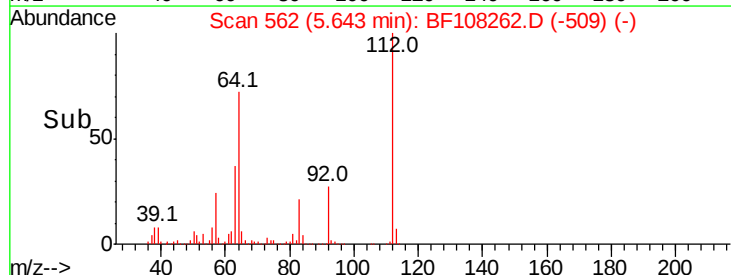
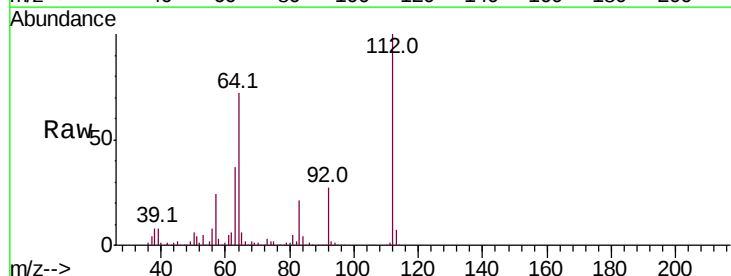
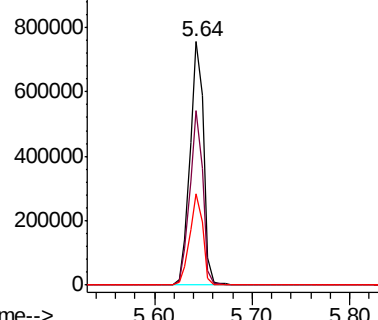
Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	47.9	71.9
63	37.3	23.7	35.5

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: 84.836 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Instrument :

BNA_F

ClientSampleId :

RA-081318-SSW-15-021

Tot Ion: 99 Resp: 950867

Ion Ratio Lower Upper

99 100

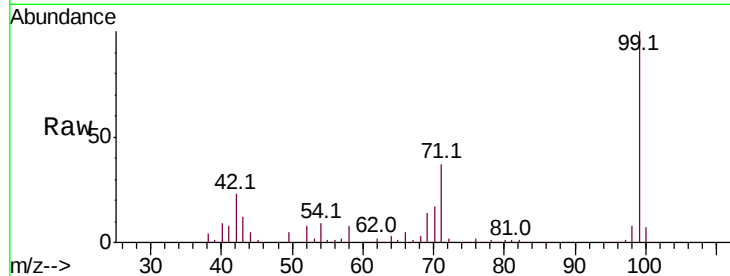
42 22.5 14.5 21.7#

71 36.8 25.4 38.0

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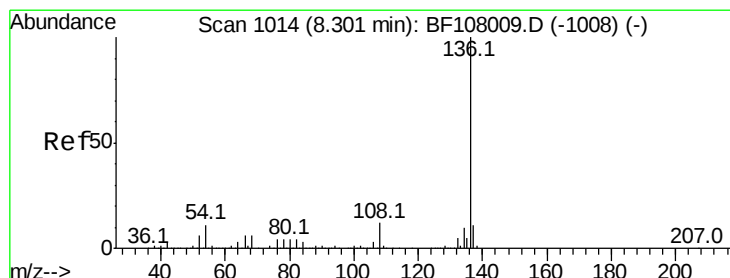
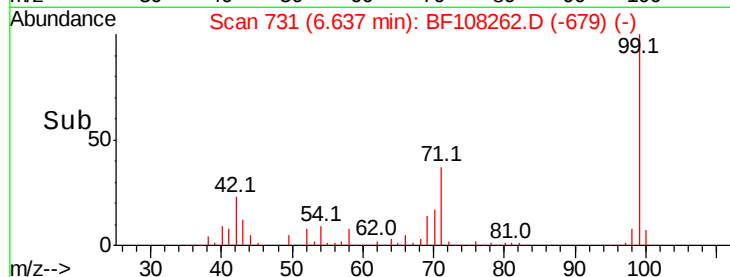
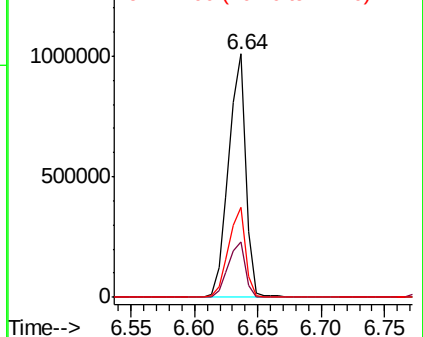
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Tgt Ion: 136 Resp: 568975

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.0 6.6 9.8

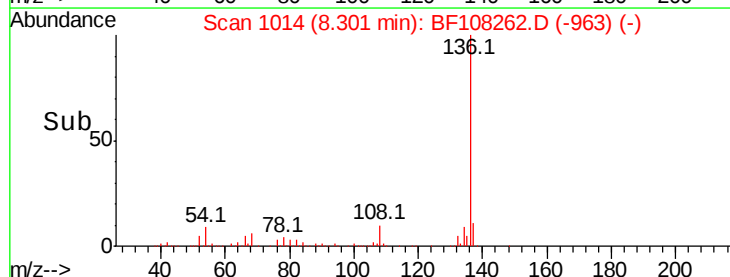
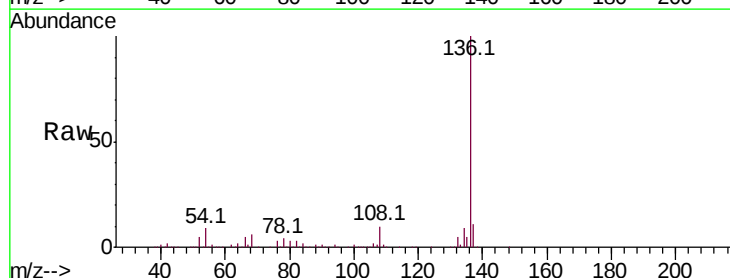
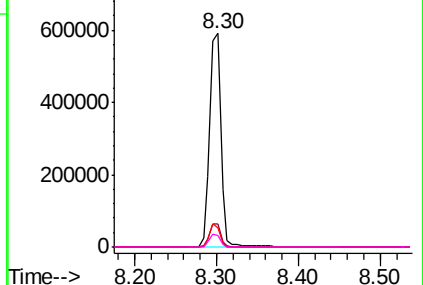
68 5.5 5.0 7.4

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





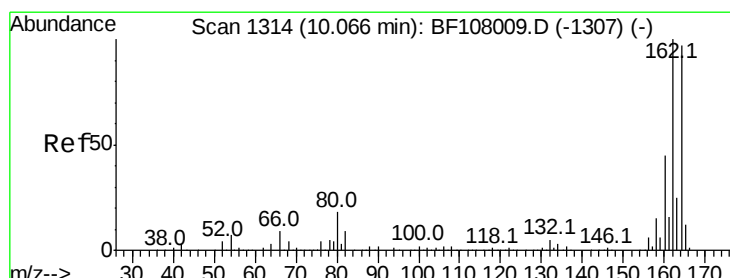
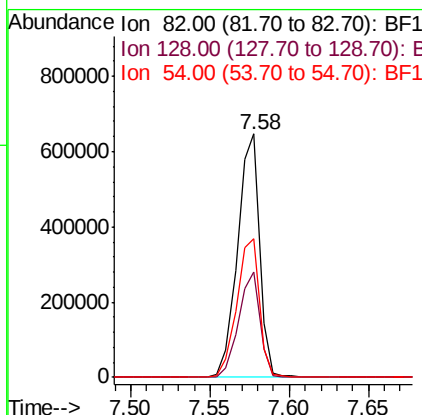
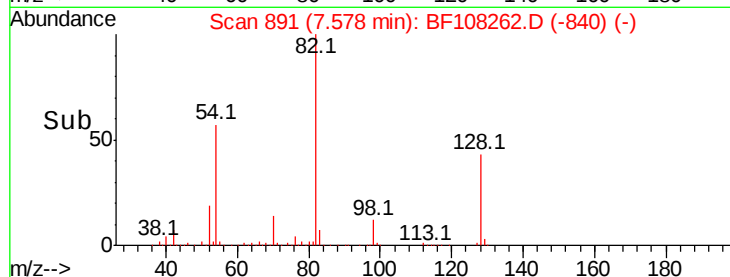
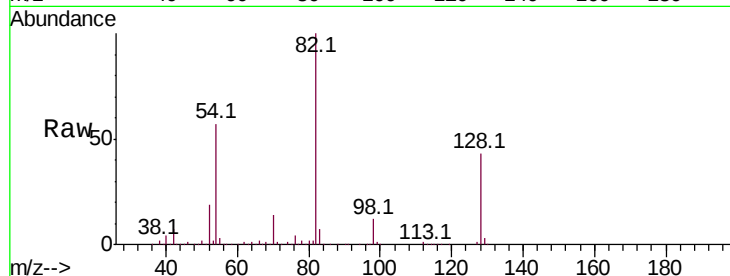
#23
 Nitrobenzene-d5
 Concen: 61.220 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108262.D
 Acq: 18 Aug 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-SSW-15-021

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	56.7	41.4	62.2

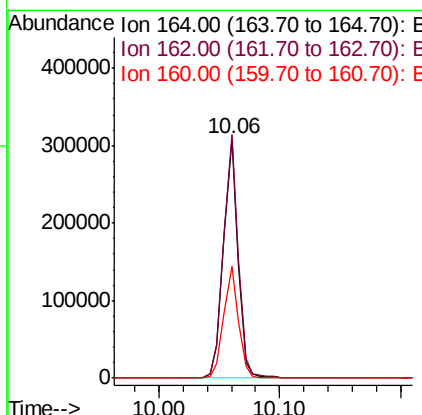
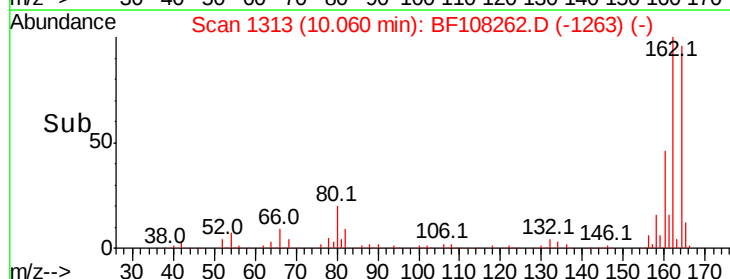
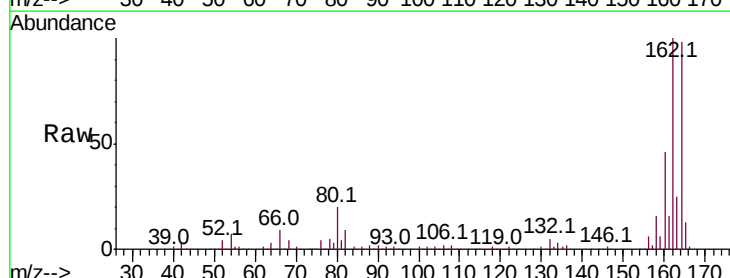
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108262.D
 Acq: 18 Aug 2018 00:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.8	38.3	57.5





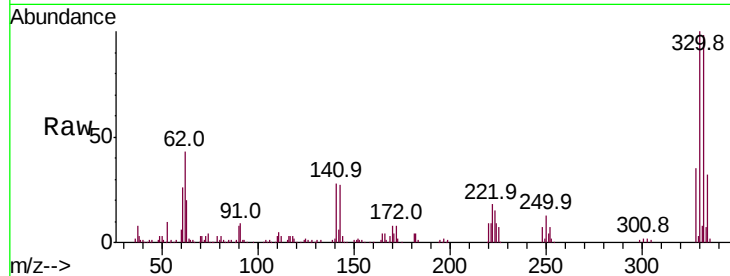
#41
 2,4,6-Tribromophenol
 Concen: 77.707 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108262.D
 Acq: 18 Aug 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-SSW-15-021

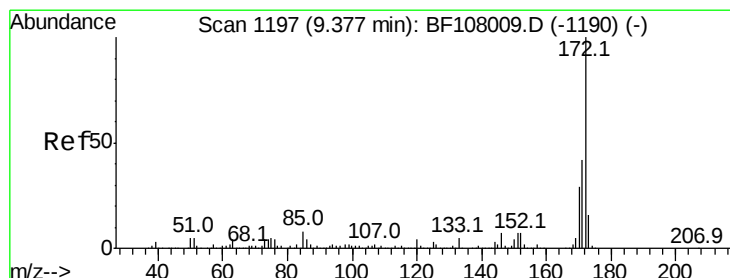
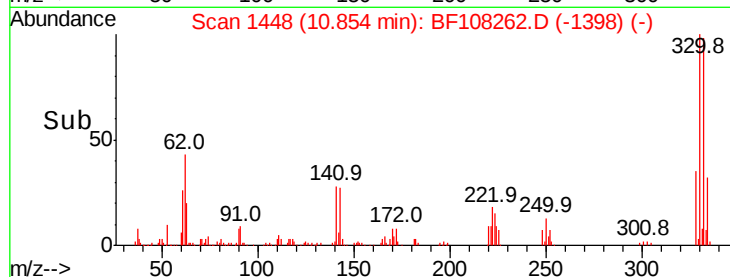
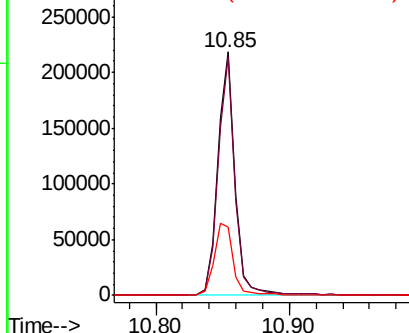
Tot Ion:	330	Resp:	199280
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.6
141	33.7	29.9	44.9

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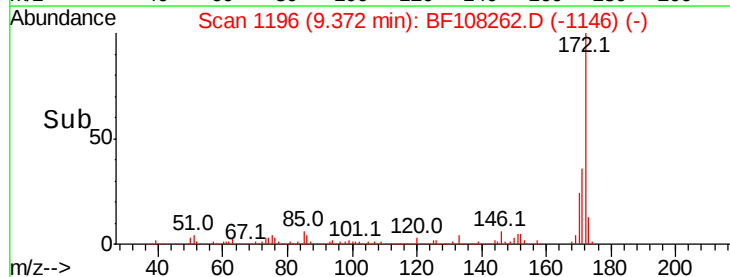
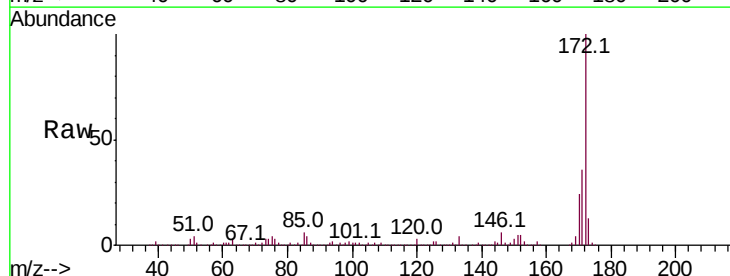
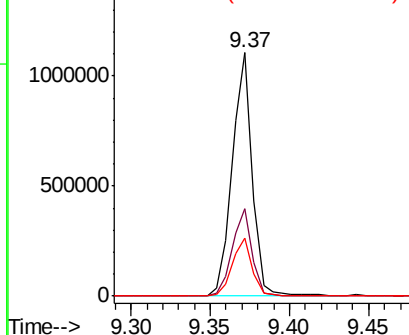
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.654 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108262.D
 Acq: 18 Aug 2018 00:30

Tgt Ion:	172	Resp:	971322
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.0	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





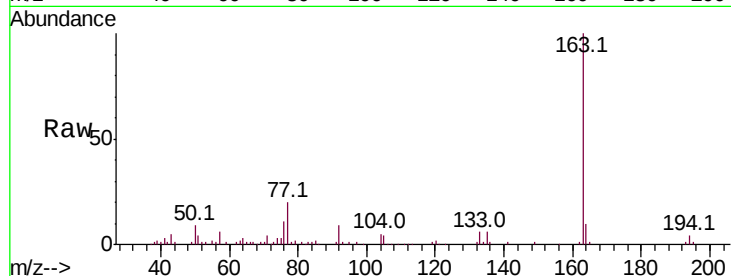
#49
Dimethylphthalate
Concen: 4.855 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-15-021

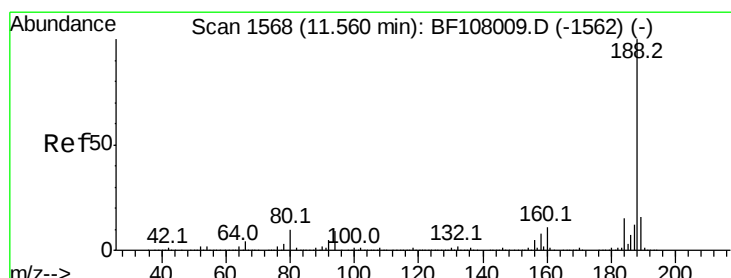
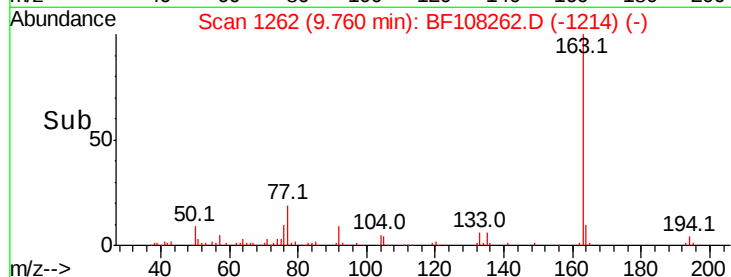
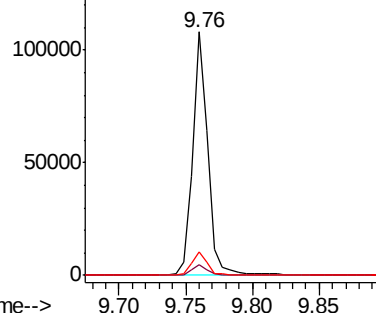
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	9.8	8.2	12.2	

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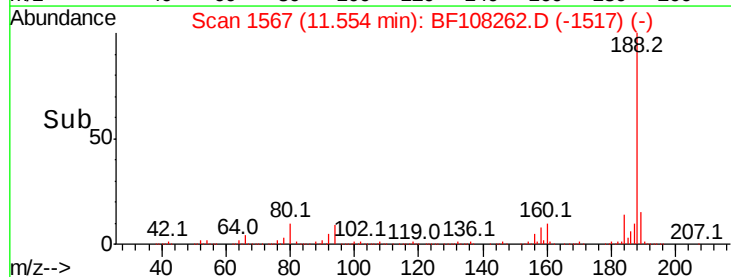
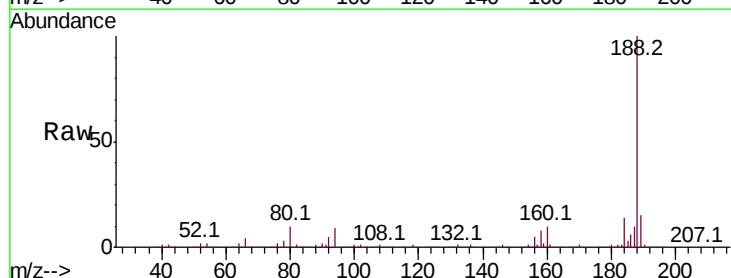
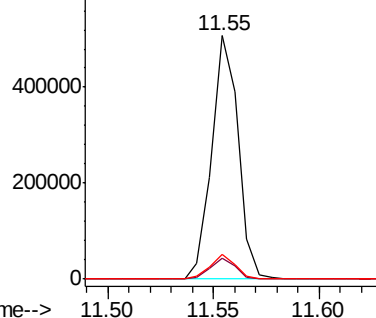
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

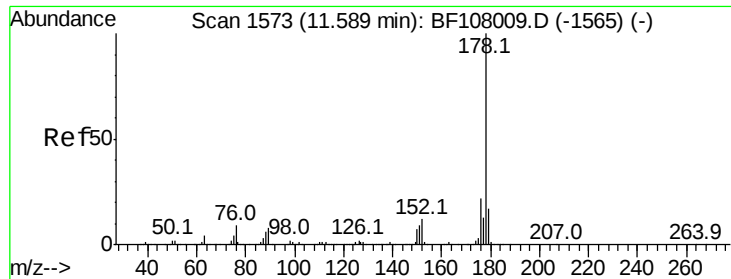


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.8	8.5	12.7	
80	10.4	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





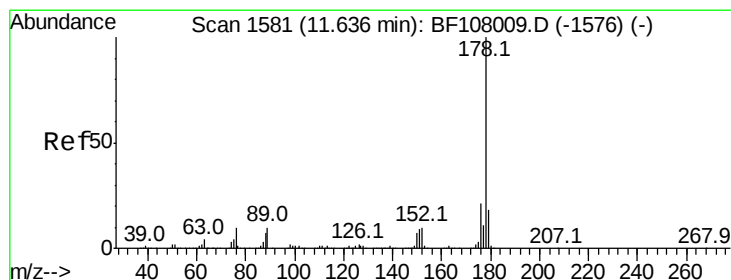
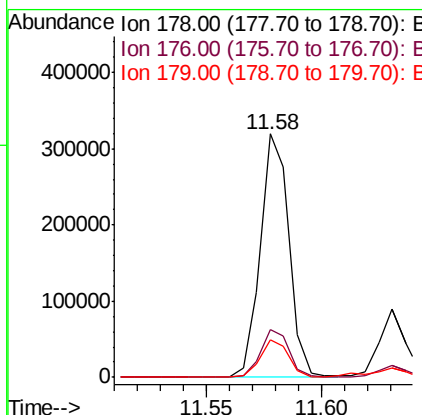
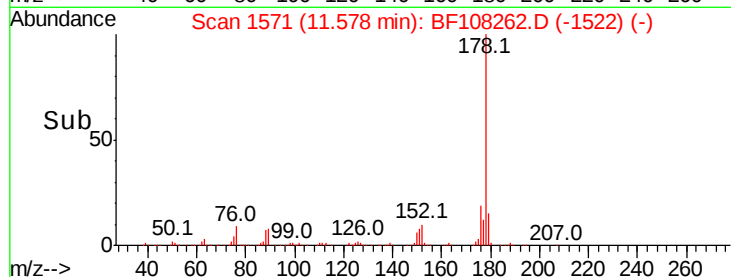
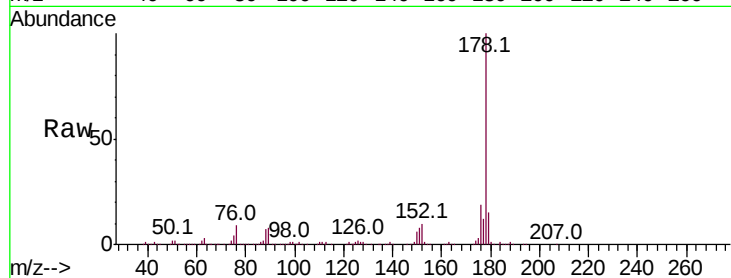
#70
Phenanthrene
Concen: 13.437 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-15-021

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6

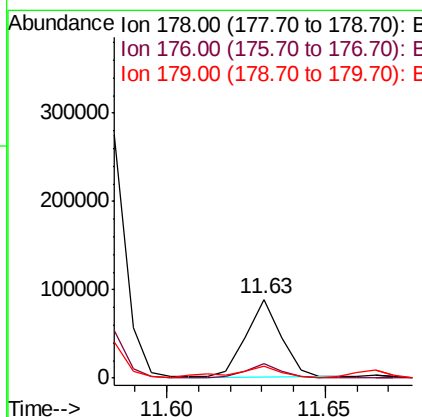
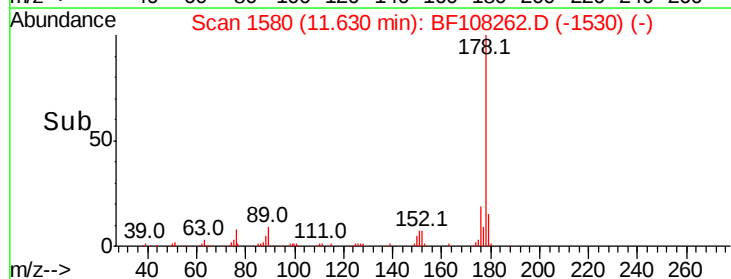
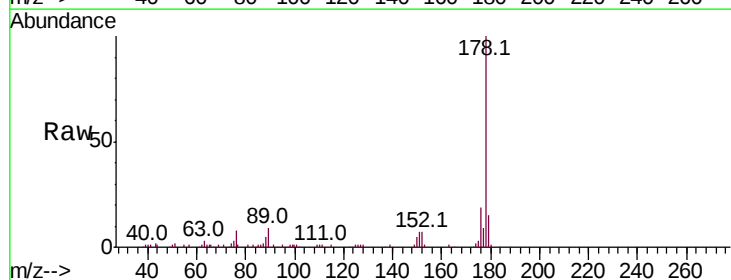
Manual Integrations
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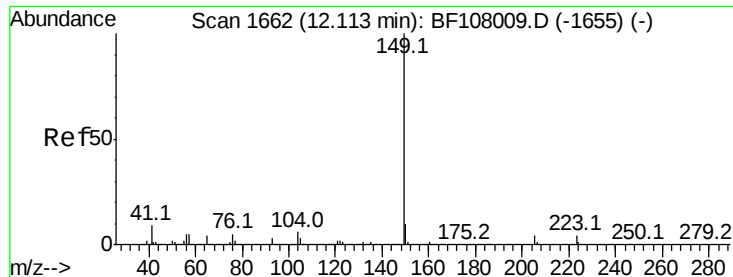
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#71
Anthracene
Concen: 3.179 ng
RT: 11.63 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	14.6	12.6	19.0





#73

Di-n-butylphthalate

Concen: 2.819 ng

RT: 12.10 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Instrument :

BNA_F

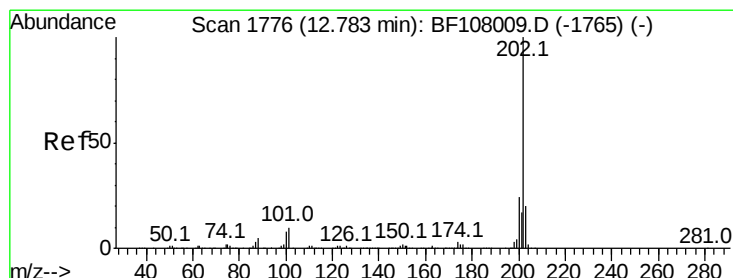
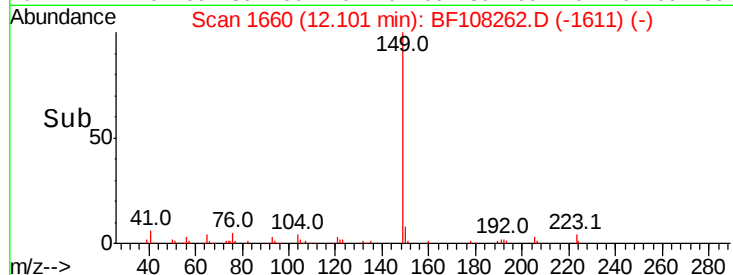
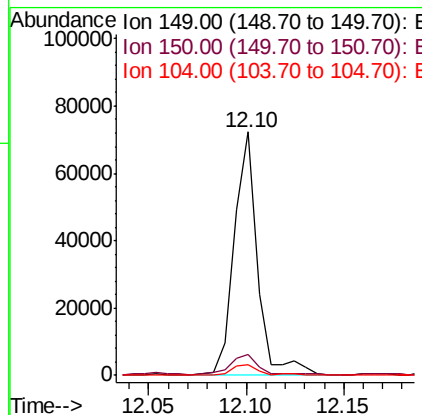
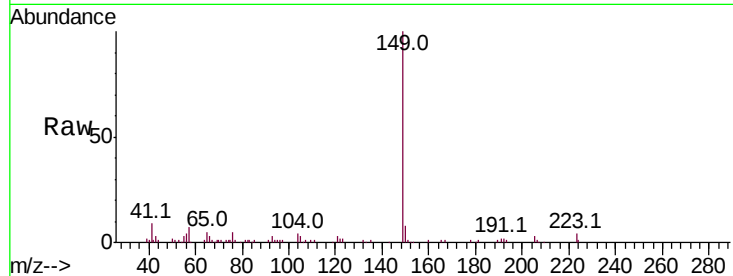
ClientSampleId :

RA-081318-SSW-15-021

Tot Ion:	149	Resp:	60050
Ion Ratio	Lower	Upper	
149	100		
150	8.4	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 16.010 ng

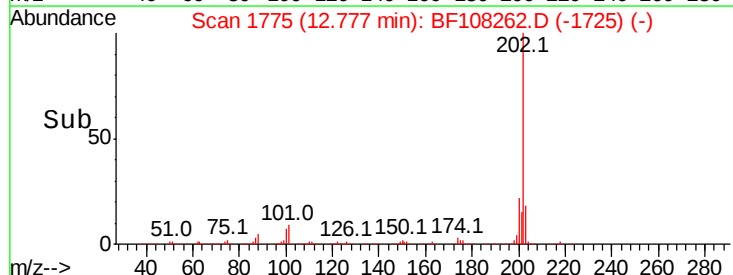
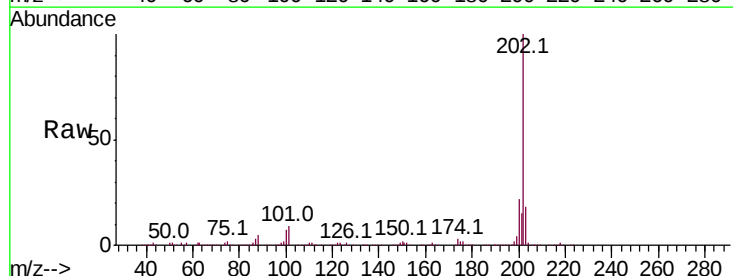
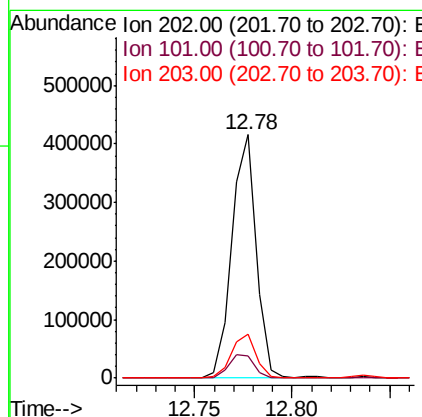
RT: 12.78 min Scan# 1775

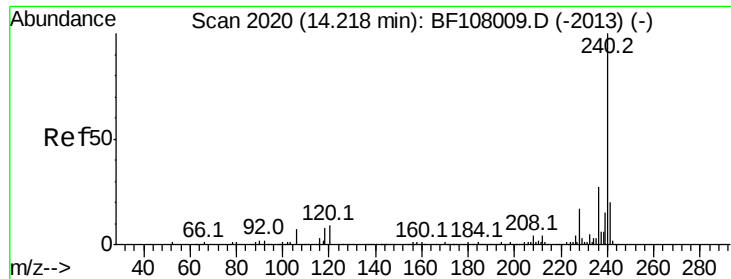
Delta R.T. -0.01 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Tgt Ion:	202	Resp:	360867
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Instrument :

BNA_F

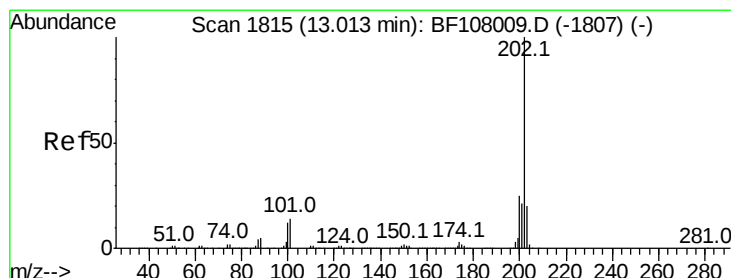
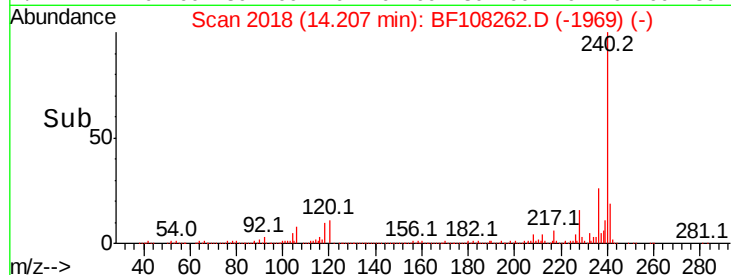
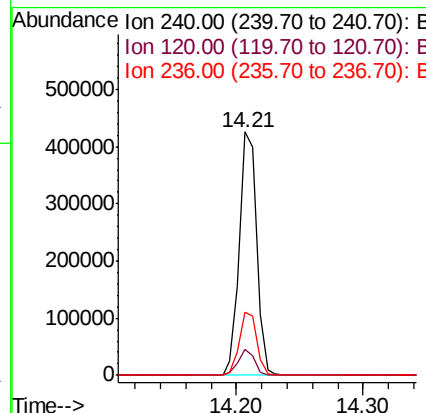
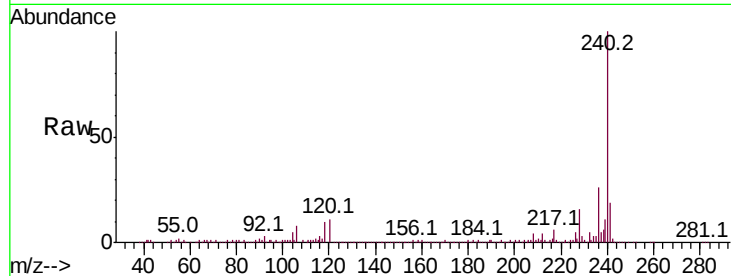
ClientSampleId :

RA-081318-SSW-15-021

Tot Ion:	240	Resp:	400151
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	26.0	20.7	31.1

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#77

Pyrene

Concen: 12.015 ng

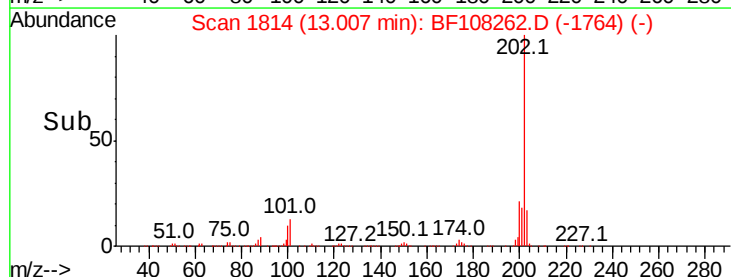
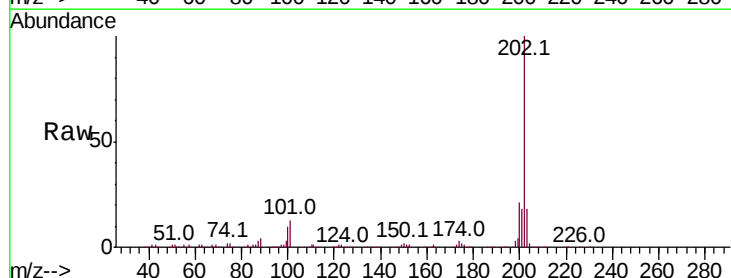
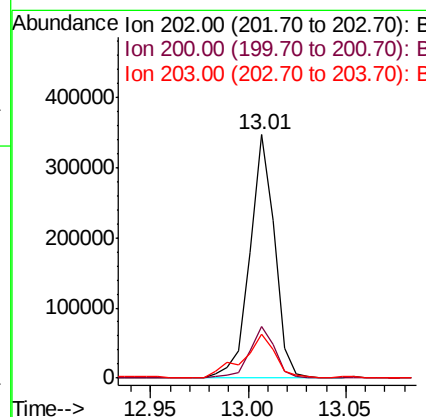
RT: 13.01 min Scan# 1814

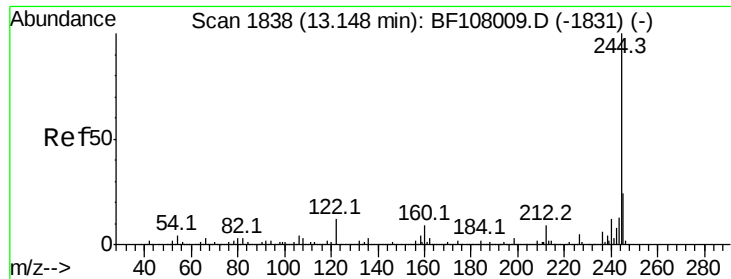
Delta R.T. -0.01 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Tgt Ion:	202	Resp:	304385
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5





#78

Terphenyl-d14

Concen: 48.409 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Instrument :

BNA_F

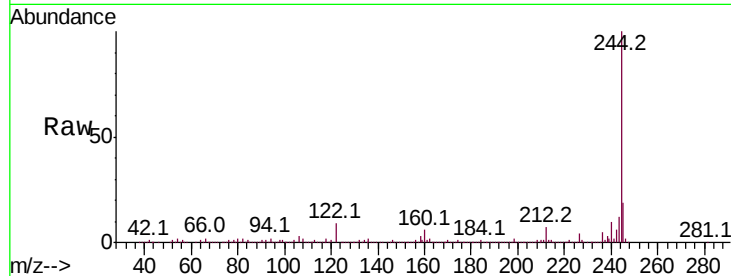
ClientSampleId :

RA-081318-SSW-15-021

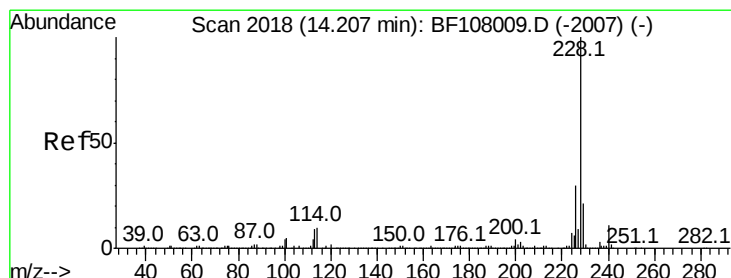
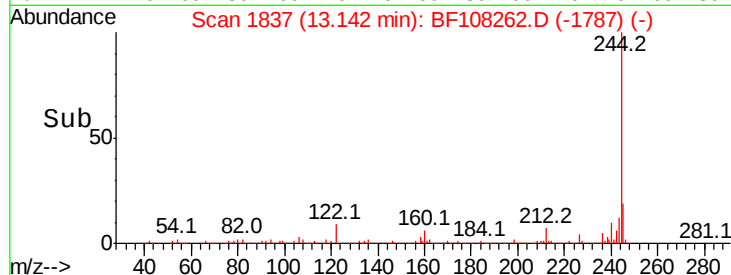
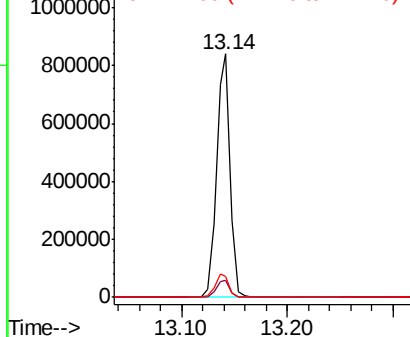
Tot Ion:	244	Resp:	761861
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	8.7	11.0	16.4#

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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: 7.837 ng

RT: 14.20 min Scan# 2017

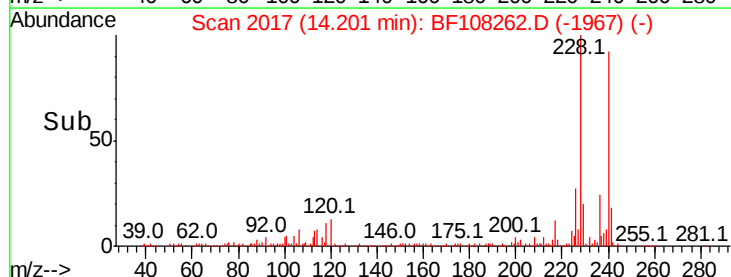
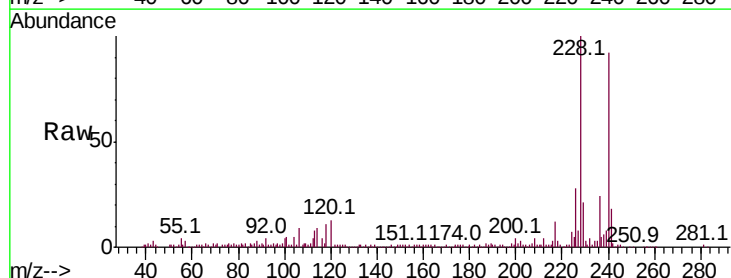
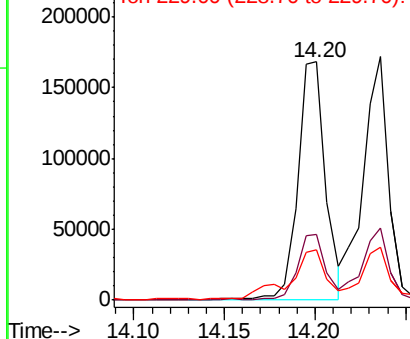
Delta R.T. -0.01 min

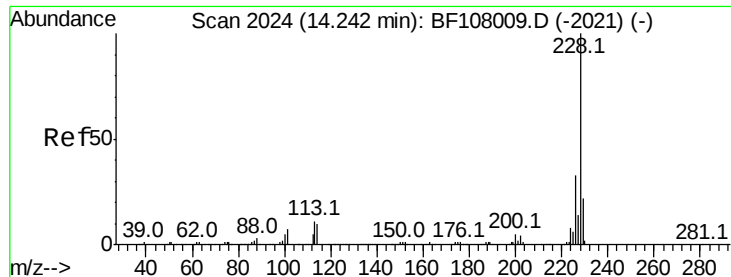
Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Tgt Ion:	228	Resp:	179963
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	21.0	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





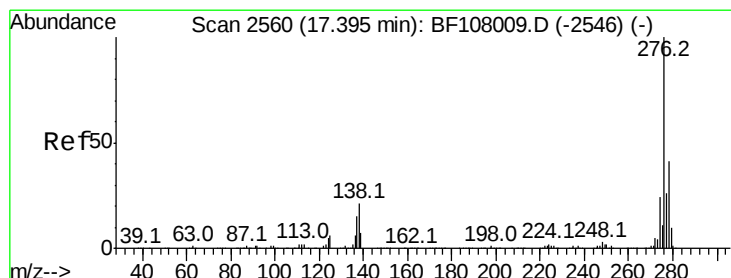
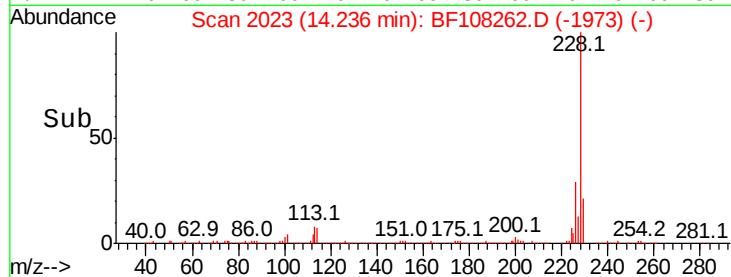
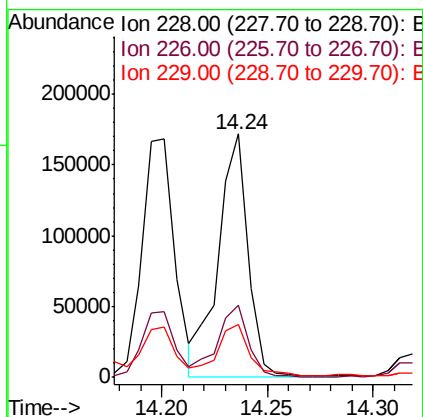
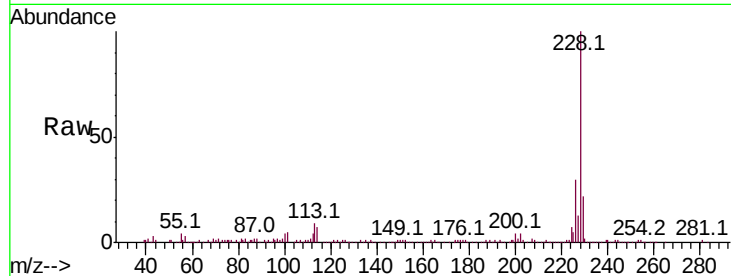
#82
Chrysene
Concen: 7.961 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-15-021

Tot Ion:	228	Resp:	167609
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	21.8	16.2	24.4

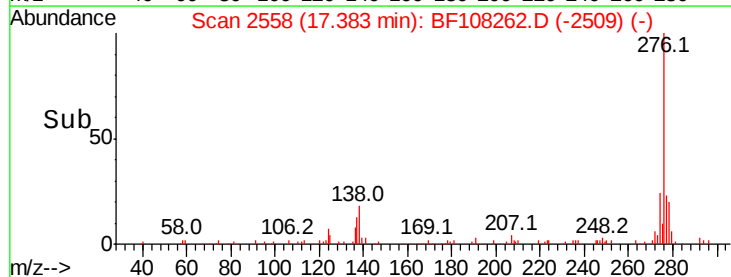
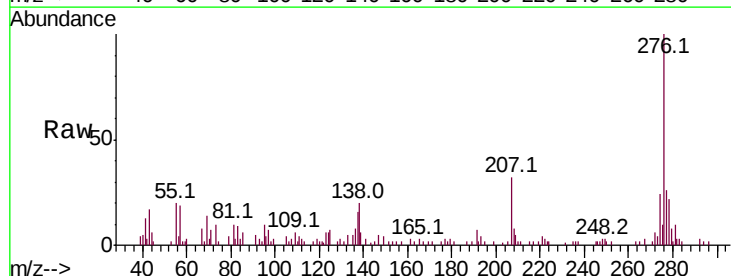
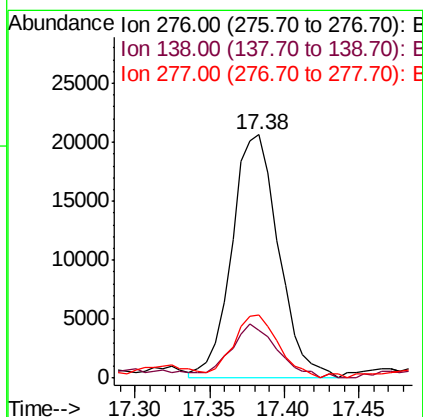
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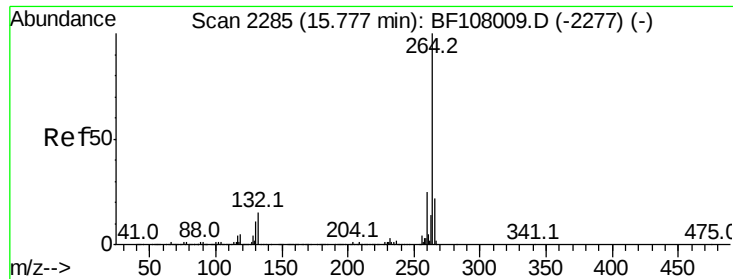
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.471 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Tgt Ion:	276	Resp:	45083
Ion Ratio	Lower	Upper	
276	100		
138	22.1	25.0	37.6#
277	24.8	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Instrument :

BNA_F

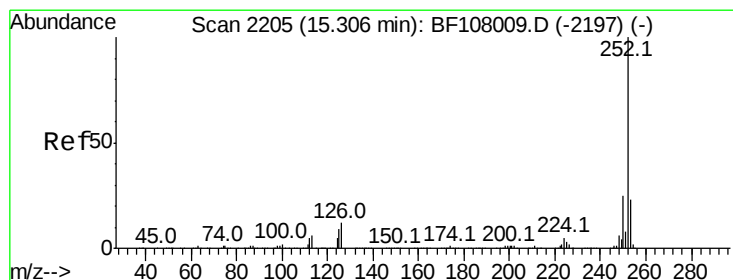
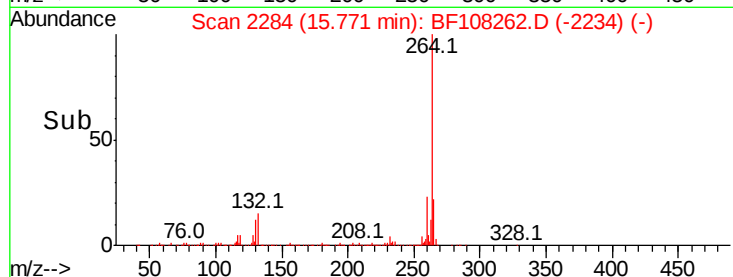
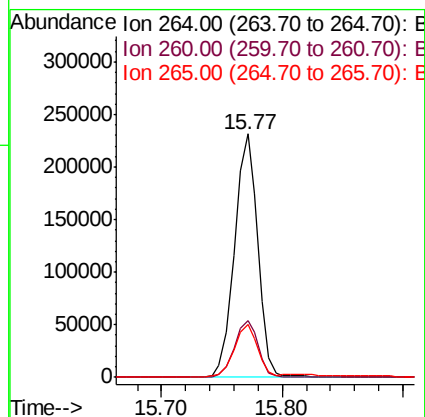
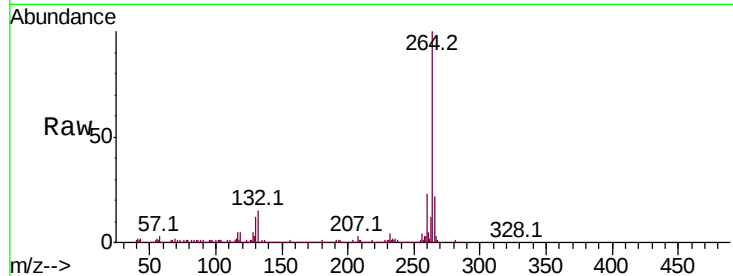
ClientSampleId :

RA-081318-SSW-15-021

Tot Ion:	264	Resp:	310343
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.8	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 8.947 ng m

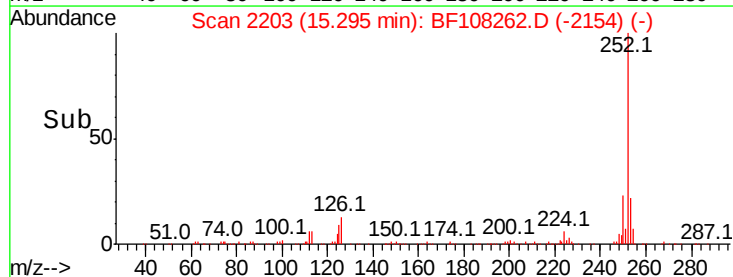
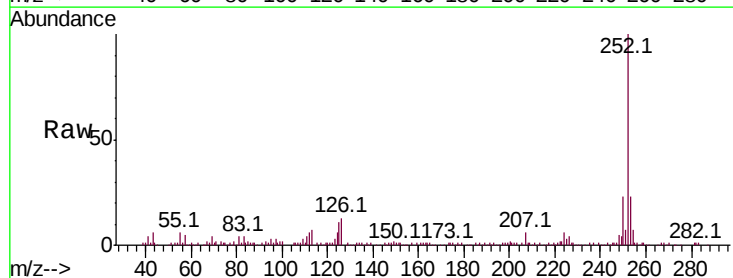
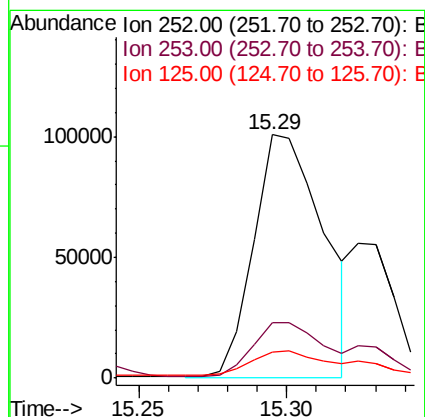
RT: 15.29 min Scan# 2203

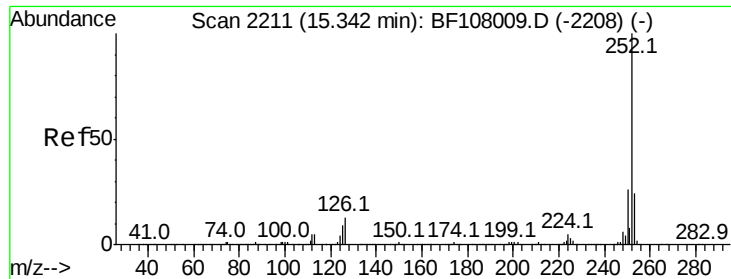
Delta R.T. -0.01 min

Lab File: BF108262.D

Acq: 18 Aug 2018 00:30

Tgt Ion:	252	Resp:	165909
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	10.7	9.0	13.6





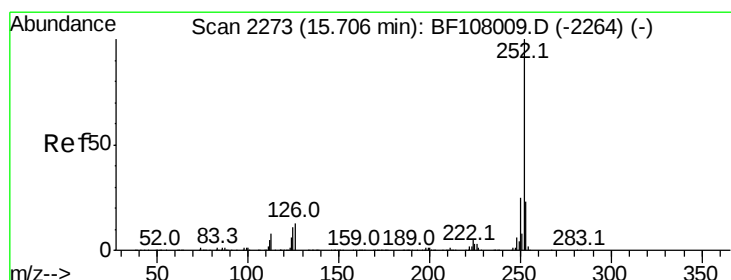
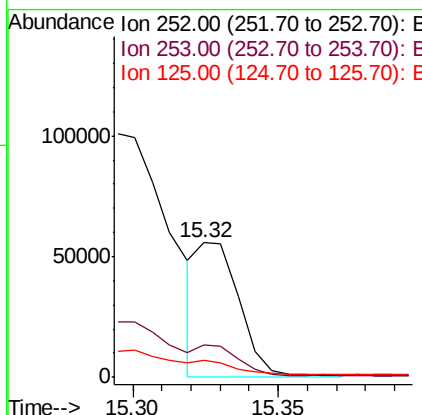
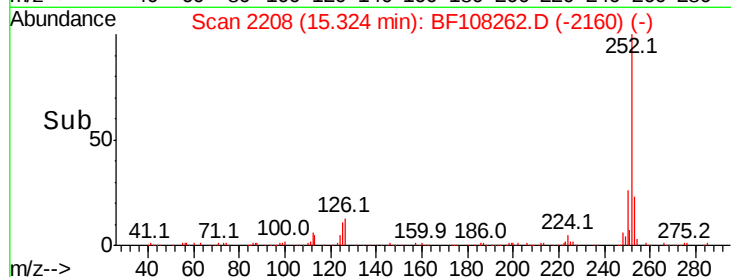
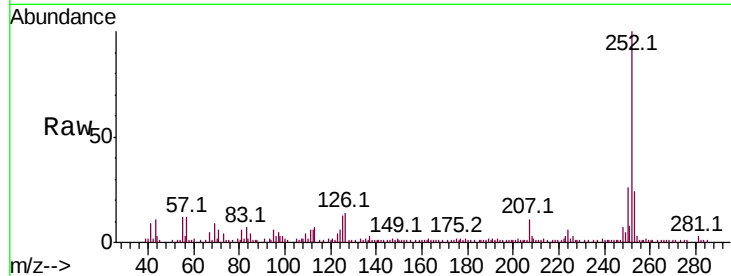
#88
Benzo(k)fluoranthene
Concen: 3.363 ng m
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Instrument :
BNA_F
ClientSampleId :
RA-081318-SSW-15-021

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	12.6	10.2	15.2

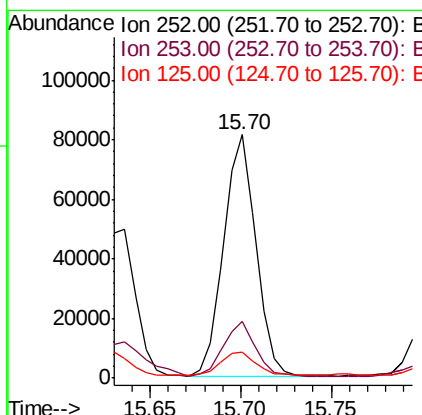
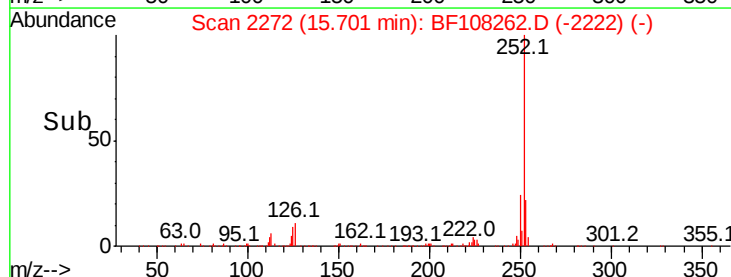
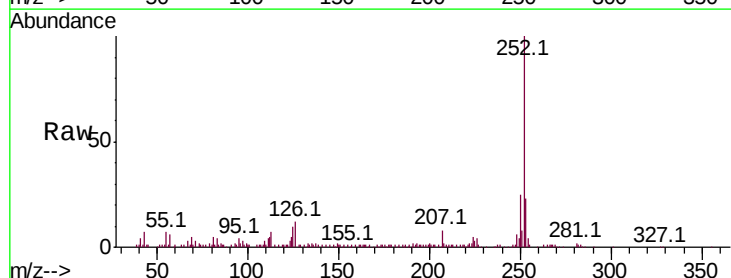
Manual Integrations
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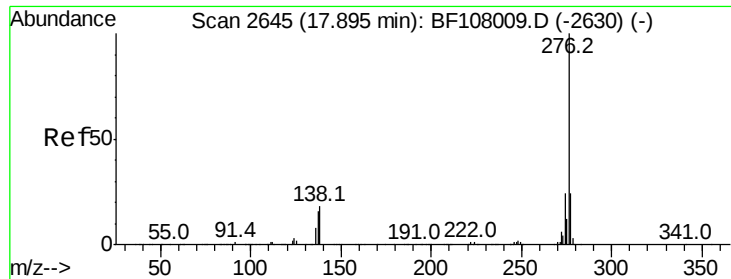
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#89
Benzo(a)pyrene
Concen: 6.077 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF108262.D
Acq: 18 Aug 2018 00:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	10.5	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.789 ng
 RT: 17.87 min Scan# 2641
 Delta R.T. -0.02 min
 Lab File: BF108262.D
 Acq: 18 Aug 2018 00:30

Instrument :
 BNA_F
 ClientSampleId :
 RA-081318-SSW-15-021

Tot Ion:	276	Resp:	37737
Ion Ratio	Lower	Upper	
276	100		
277	26.5	17.9	26.9
138	25.4	21.8	32.8

Manual Integrations
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