

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108437.D
 Acq On : 23 Aug 2018 22:49
 Operator : JU/SJ
 Sample : J4559-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-SSW-125-051

Manual Integrations
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Sohil
 8/24/2018 12:14:18 PM

Quant Time: Aug 24 10:19:55 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	131698	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	488929	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	209037	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	322484	20.00	ng	0.00
75) Chrysene-d12	14.21	240	233082	20.00	ng	0.00
86) Perylene-d12	15.78	264	210426	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	645674	88.76	ng	0.00
7) Phenol-d6	6.62	99	878761	90.91	ng	0.00
23) Nitrobenzene-d5	7.56	82	559831	63.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	178445	85.58	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	951268	73.06	ng	0.00
78) Terphenyl-d14	13.13	244	652724	71.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	294879	20.251	ng	Qvalue # 99
70) Phenanthrene	11.57	178	117570	7.730	ng	99
74) Fluoranthene	12.77	202	192776	11.613	ng	95
77) Pyrene	13.00	202	192118	13.019	ng	98
80) Benzo(a)anthracene	14.20	228	90522	6.767	ng	# 94
82) Chrysene	14.23	228	74199	6.050	ng	# 92
83) Bis(2-ethylhexyl)phthalate	14.15	149	26642	3.358	ng	# 71
84) Di-n-octyl phthalate	14.78	149	59749	4.937	ng	# 75
85) Indeno(1,2,3-cd)pyrene	17.39	276	34284	3.226	ng	# 93
87) Benzo(b)fluoranthene	15.31	252	107221m	8.527	ng	
88) Benzo(k)fluoranthene	15.33	252	30017m	2.597	ng	
89) Benzo(a)pyrene	15.71	252	64182m	5.700	ng	
91) Benzo(a,h,i)perylene	17.88	276	32217	3.512	ng	# 85

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

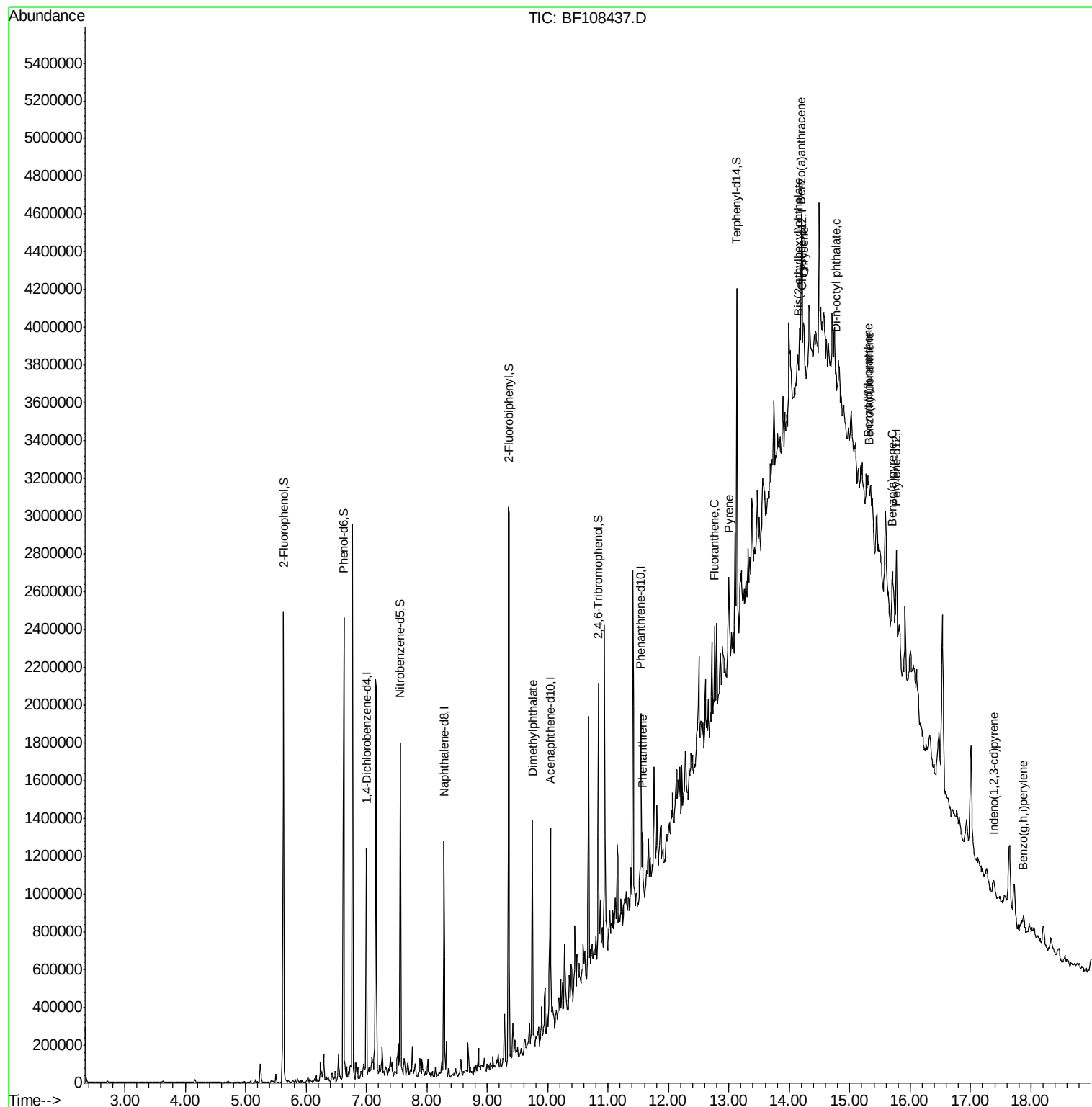
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
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ALS Vial : 15 Sample Multiplier: 1

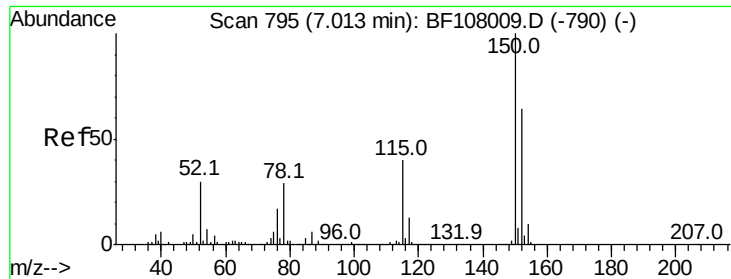
Instrument :
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#1

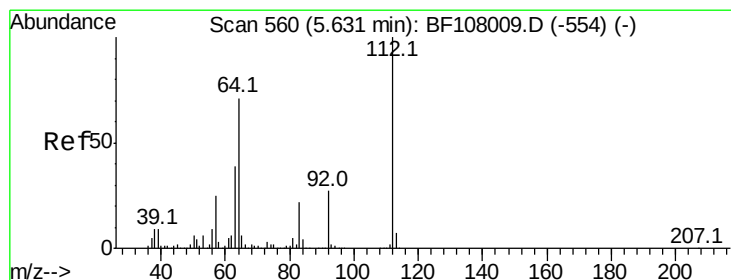
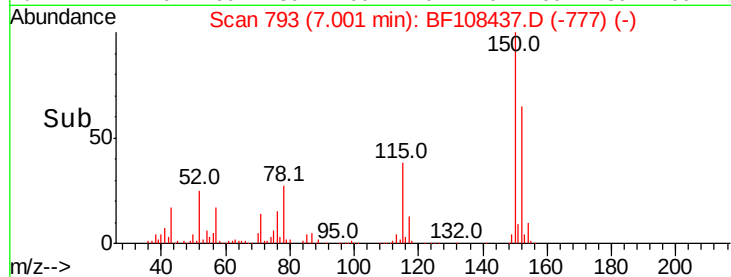
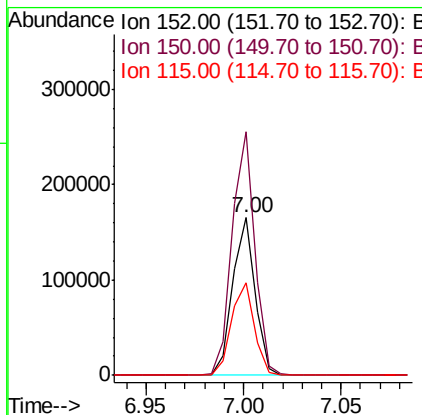
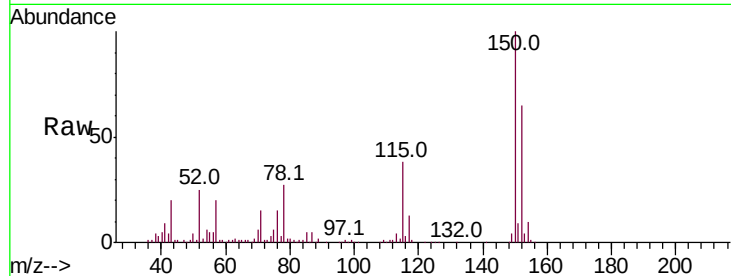
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-125-051

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	58.8	50.1	75.1

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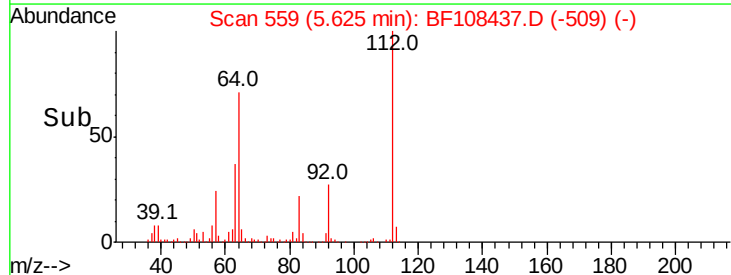
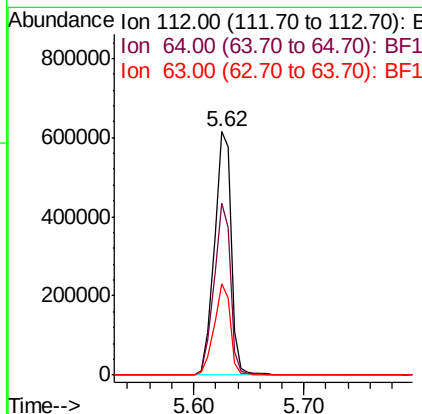
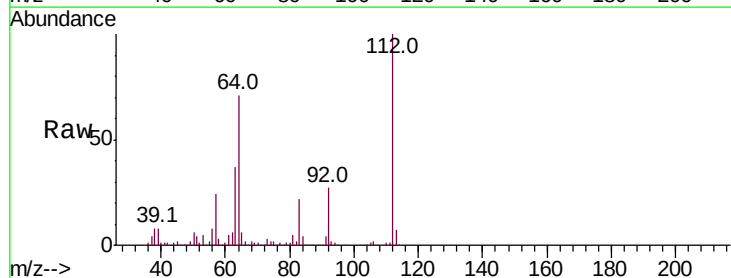
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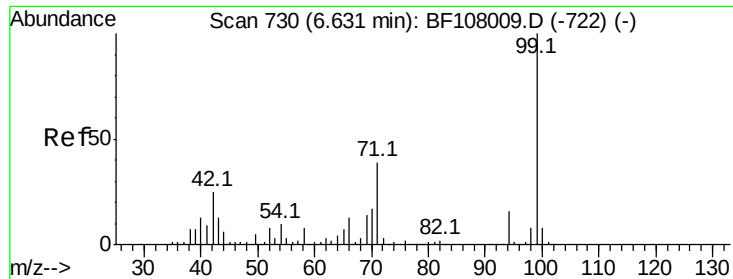


#5

2-Fluorophenol
Concen: 88.761 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	37.4	23.7	35.5





#7

Phenol-d6

Concen: 90.907 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Instrument :

BNA_F

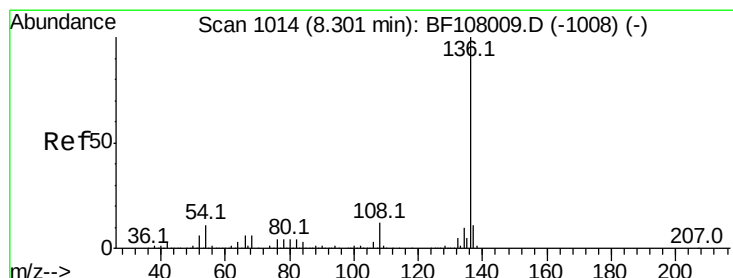
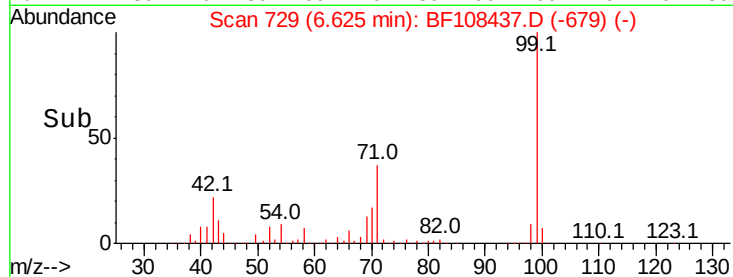
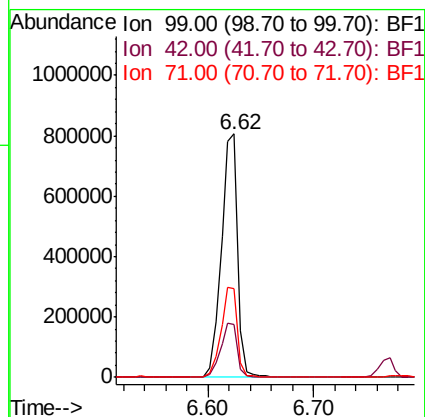
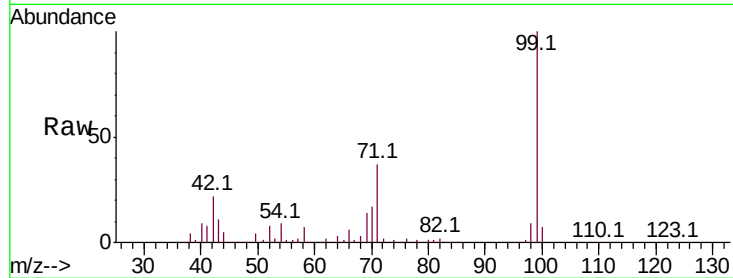
ClientSampleId :

RA-081718-SSW-125-051

Tot Ion:	99	Resp:	878761
Ion Ratio	Lower	Upper	
99	100		
42	21.6	14.5	21.7
71	36.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

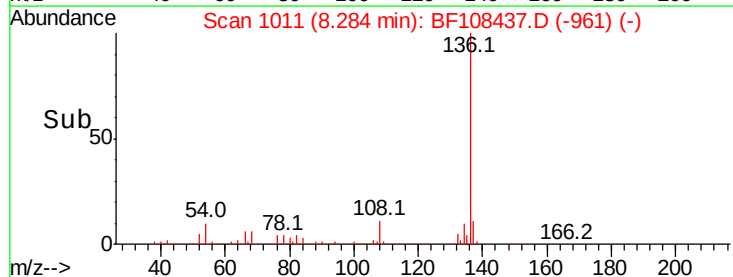
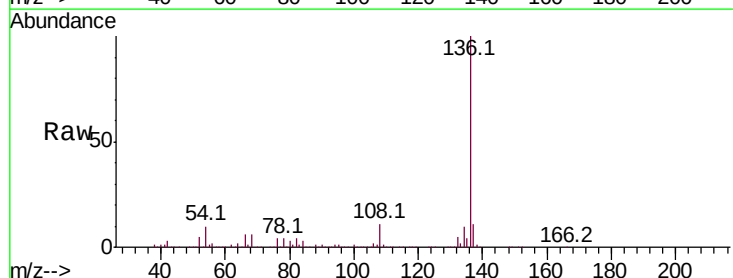
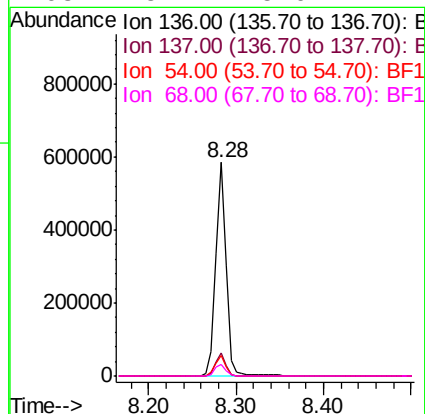
RT: 8.28 min Scan# 1011

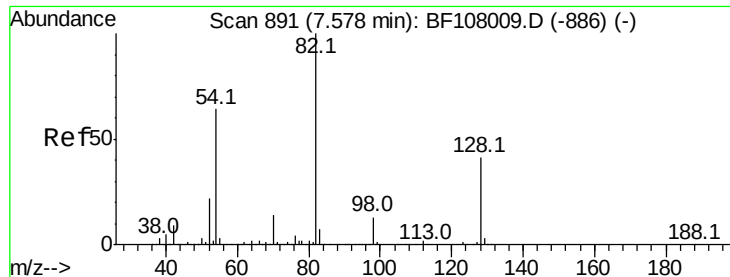
Delta R.T. -0.01 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Tgt Ion:	136	Resp:	488929
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	5.7	5.0	7.4





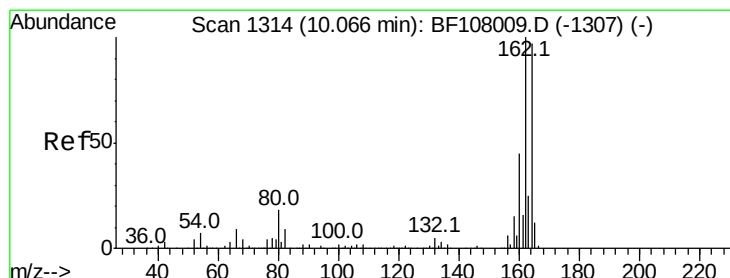
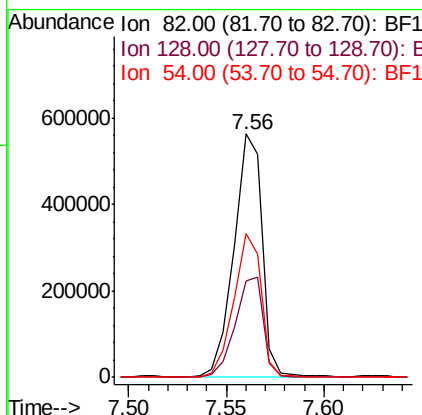
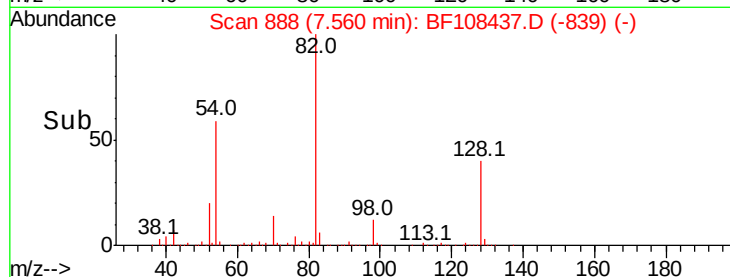
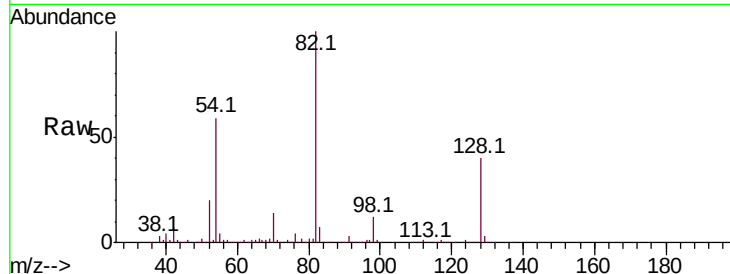
#23
Nitrobenzene-d5
Concen: 63.893 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-125-051

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	36.1	54.1
54	59.2	41.4	62.2

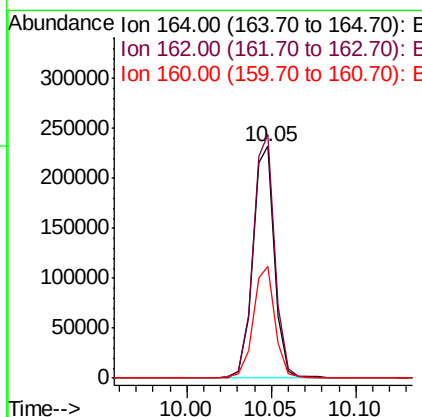
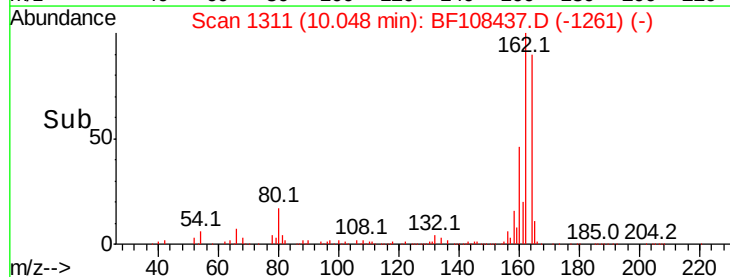
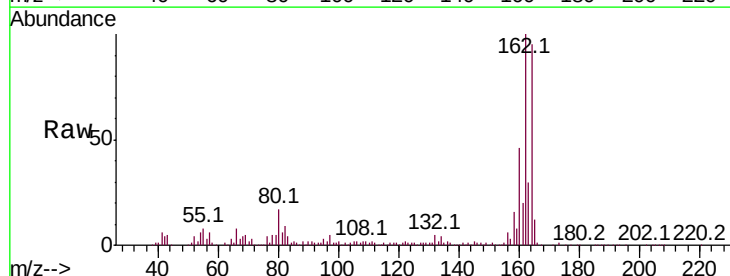
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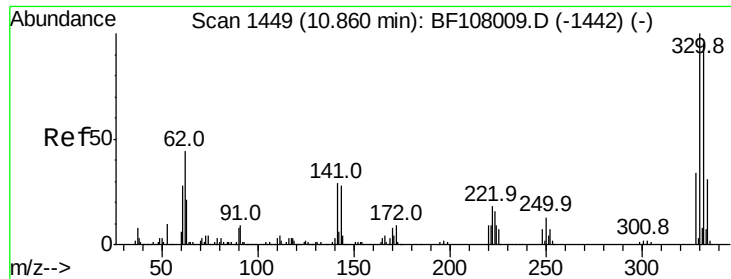
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	48.3	38.3	57.5





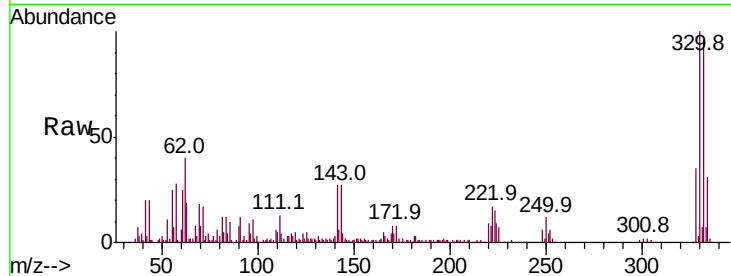
#41
 2,4,6-Tribromophenol
 Concen: 85.581 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108437.D
 Acq: 23 Aug 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-SSW-125-051

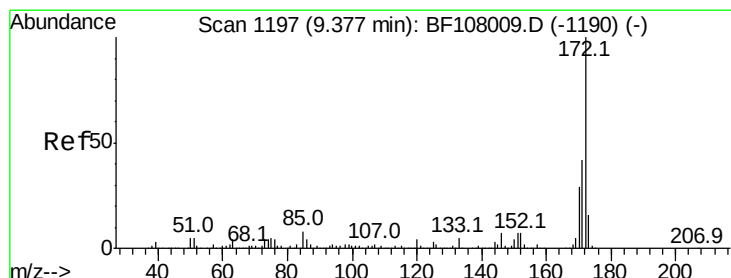
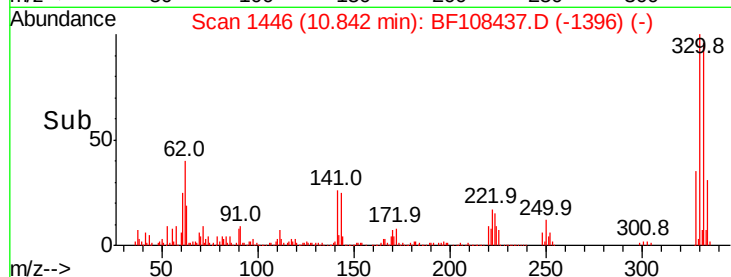
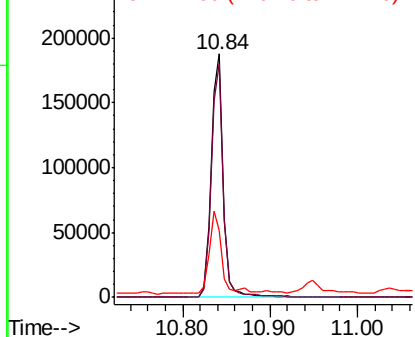
Tot Ion	Ratio	Resp	Lower	Upper
330	100	178445		
332	95.6	77.0	115.6	
141	32.8	29.9	44.9	

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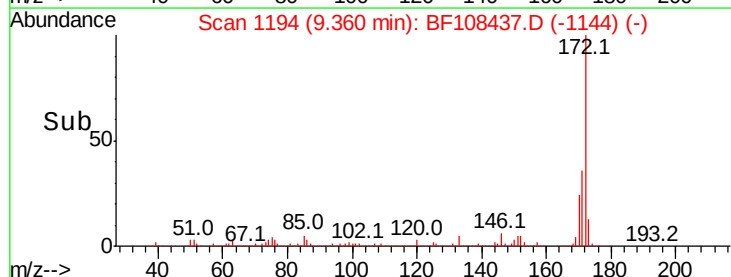
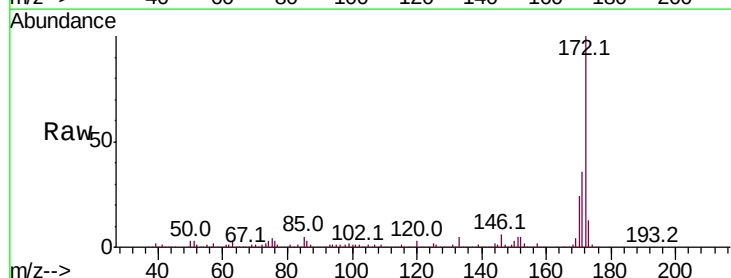
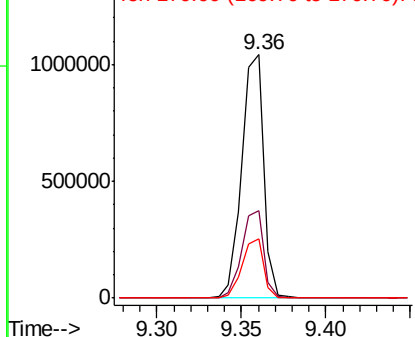
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

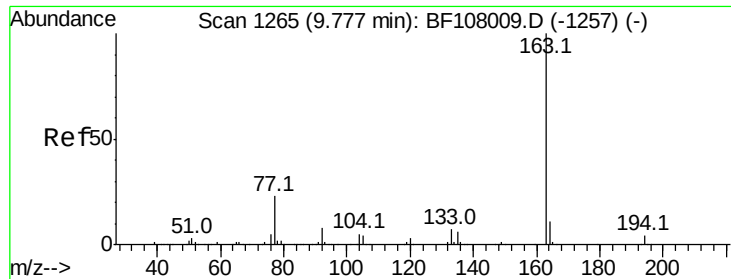


#44
 2-Fluorobiphenyl
 Concen: 73.060 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108437.D
 Acq: 23 Aug 2018 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	951268		
171	36.0	29.7	44.5	
170	24.5	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





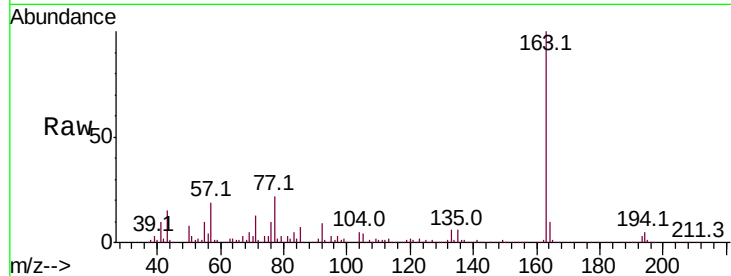
#49
Dimethylphthalate
Concen: 20.251 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-125-051

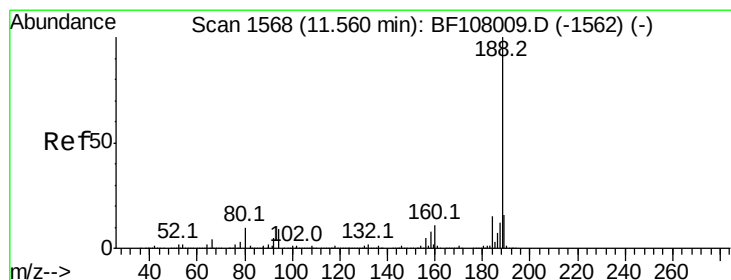
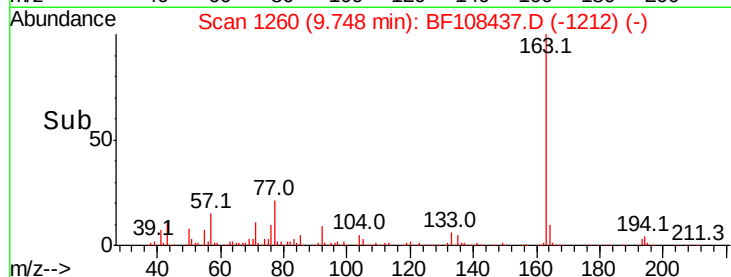
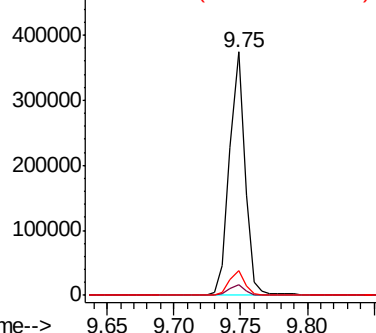
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.9	8.2	12.2

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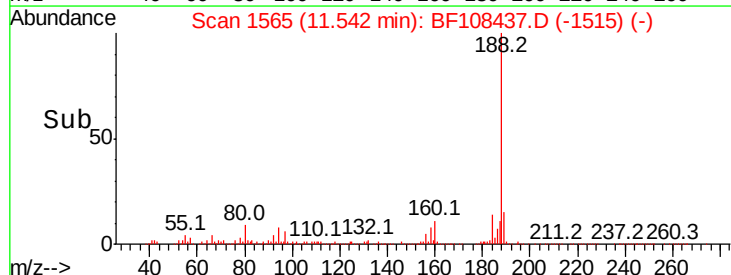
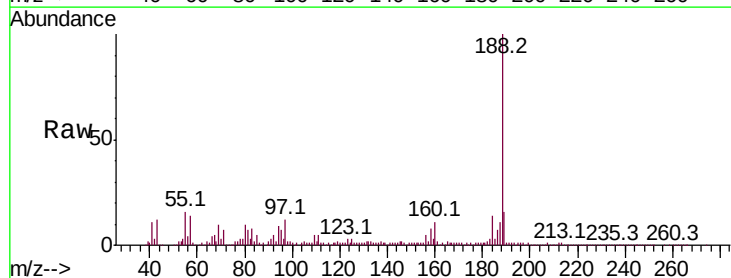
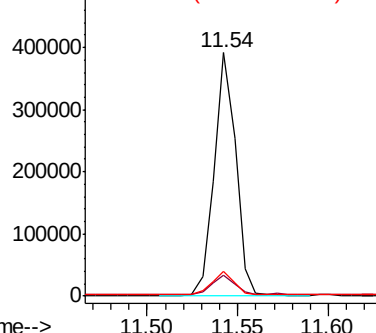
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

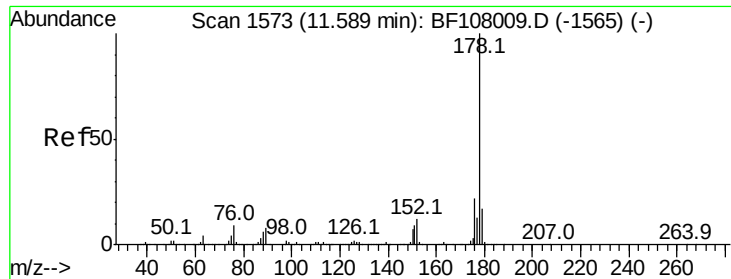


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	10.2	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: 7.730 ng

RT: 11.57 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Instrument :

BNA_F

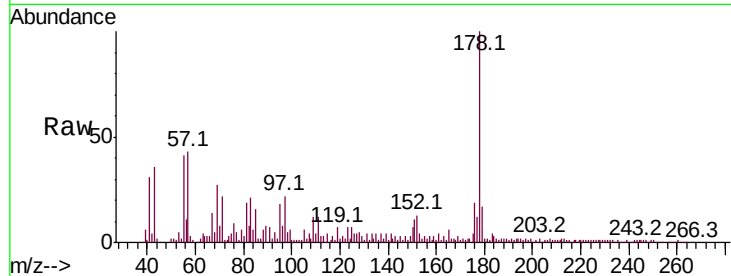
ClientSampleId :

RA-081718-SSW-125-051

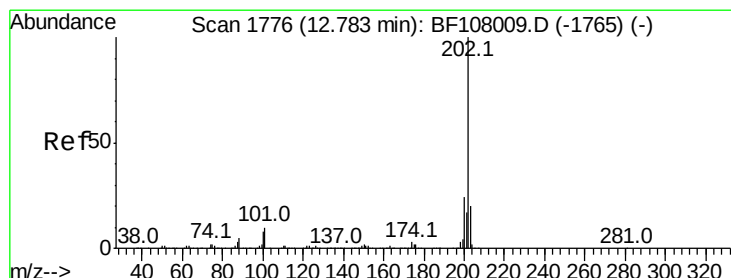
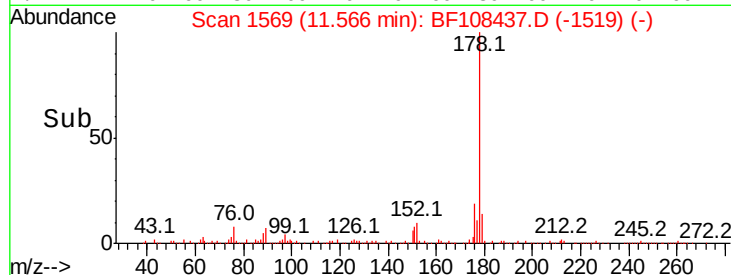
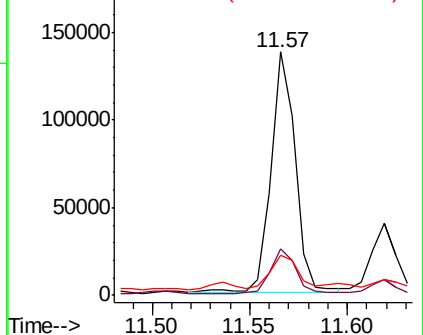
Tot Ion:178	Resp:	117570
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.8 23.8
179	16.7	13.0 19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 11.613 ng

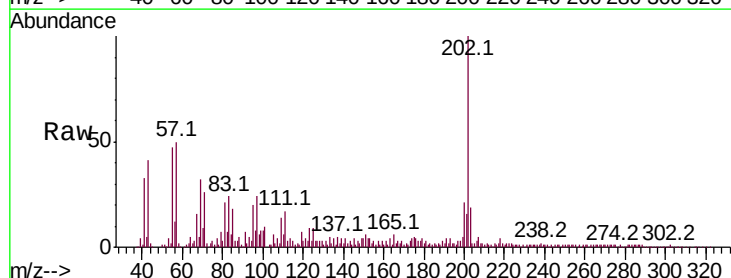
RT: 12.77 min Scan# 1773

Delta R.T. 0.00 min

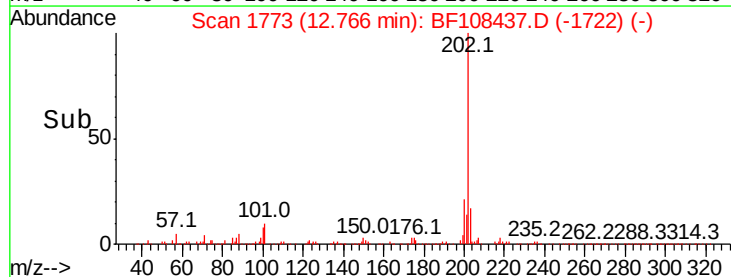
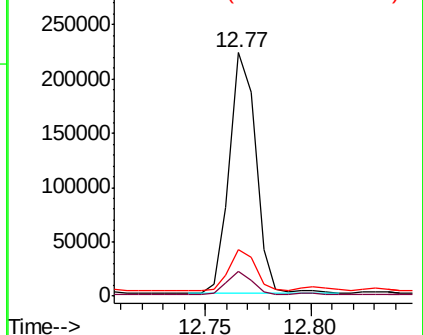
Lab File: BF108437.D

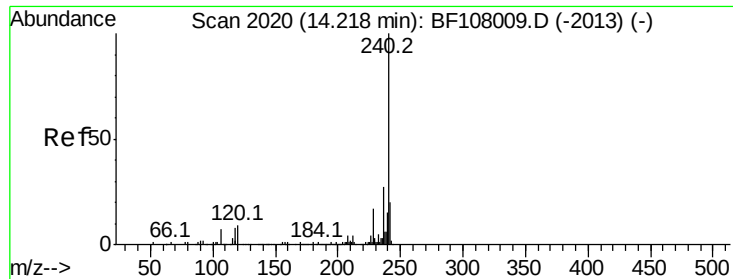
Acq: 23 Aug 2018 22:49

Tgt Ion:202	Resp:	192776
Ion Ratio	Lower	Upper
202	100	
101	10.4	0.0 34.1
203	19.1	0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Instrument :

BNA_F

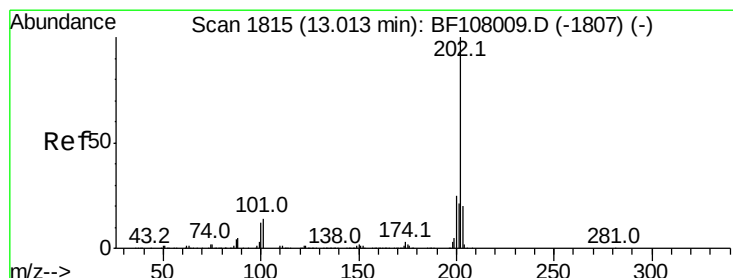
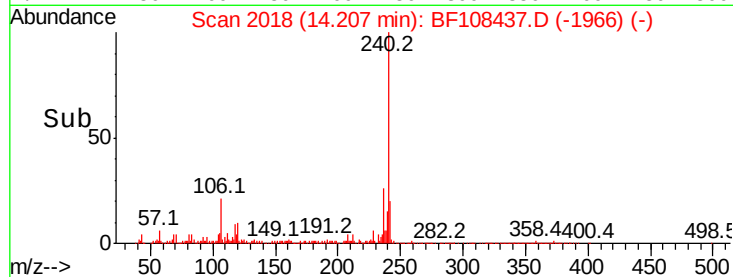
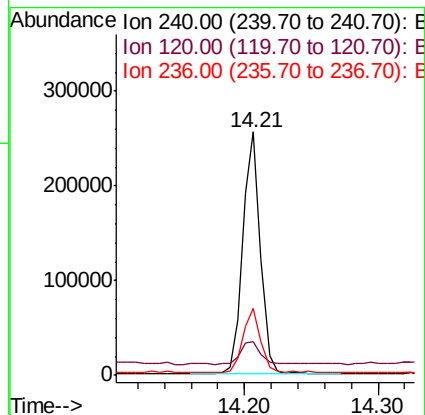
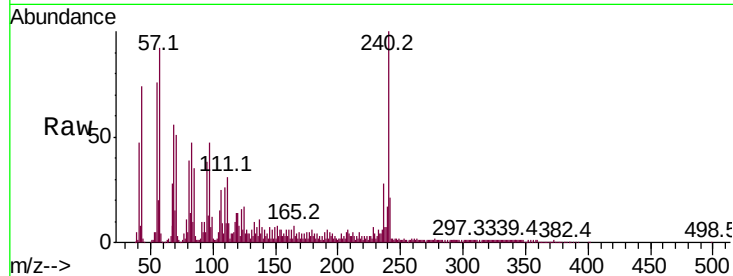
ClientSampleId :

RA-081718-SSW-125-051

Tot Ion:	240	Resp:	233082
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	27.5	20.7	31.1

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#77

Pyrene

Concen: 13.019 ng

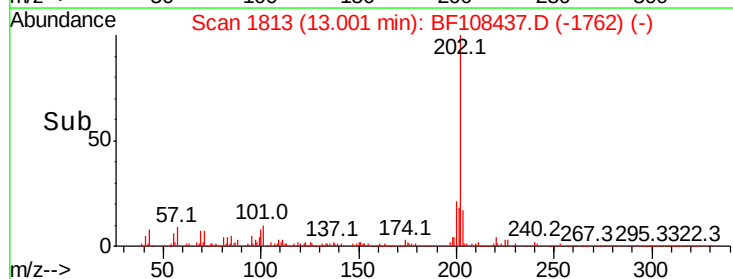
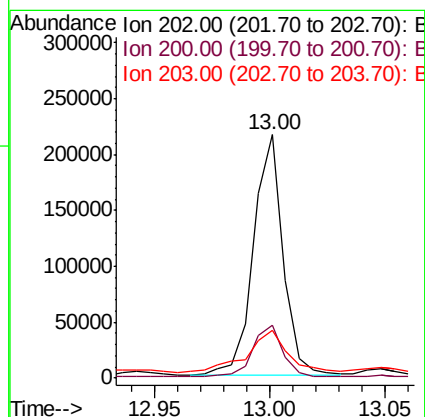
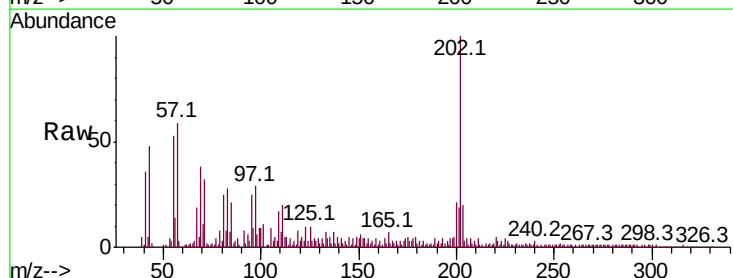
RT: 13.00 min Scan# 1813

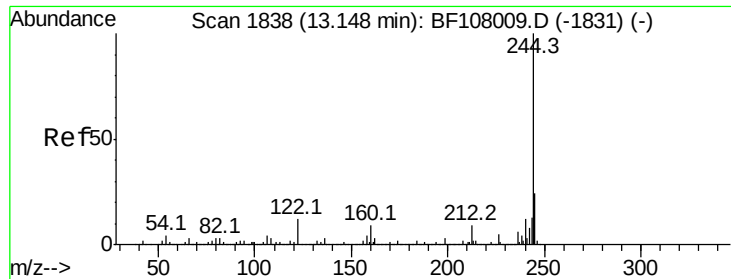
Delta R.T. 0.00 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Tgt Ion:	202	Resp:	192118
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	19.7	14.3	21.5





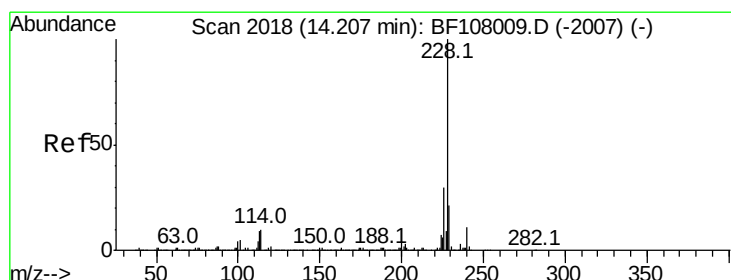
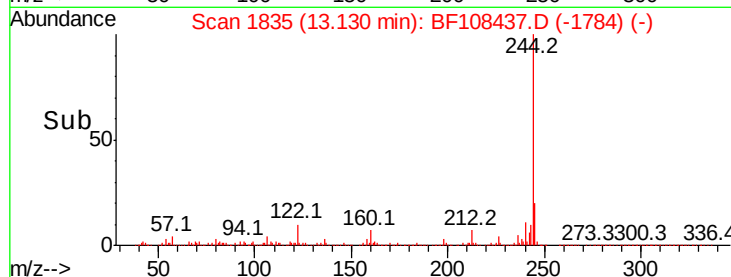
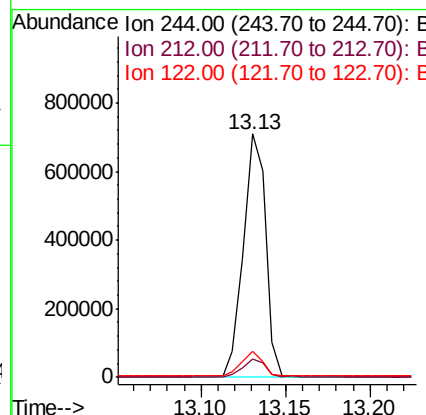
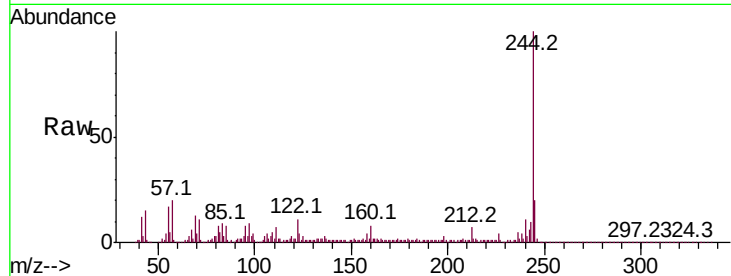
#78
 Terphenyl-d14
 Concen: 71.202 ng
 RT: 13.13 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: BF108437.D
 Acq: 23 Aug 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-SSW-125-051

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.8	11.0	16.4

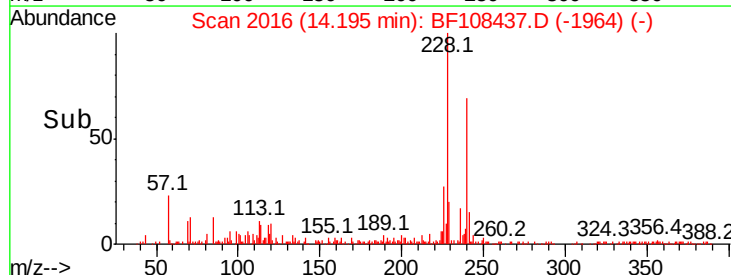
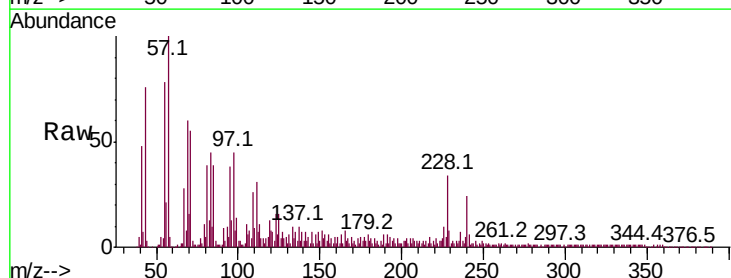
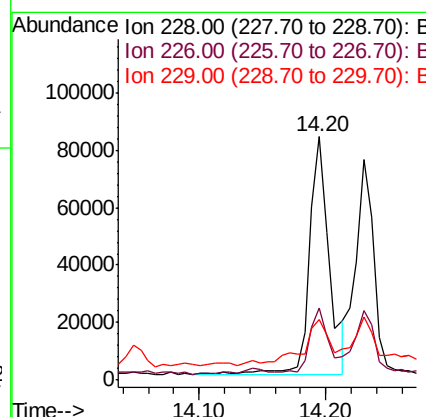
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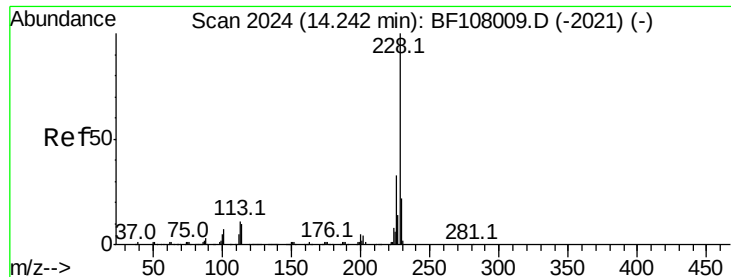
Sohil
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#80
 Benzo(a)anthracene
 Concen: 6.767 ng
 RT: 14.20 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF108437.D
 Acq: 23 Aug 2018 22:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	24.8	15.8	23.6





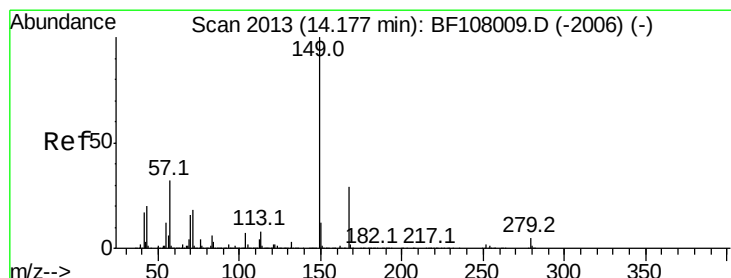
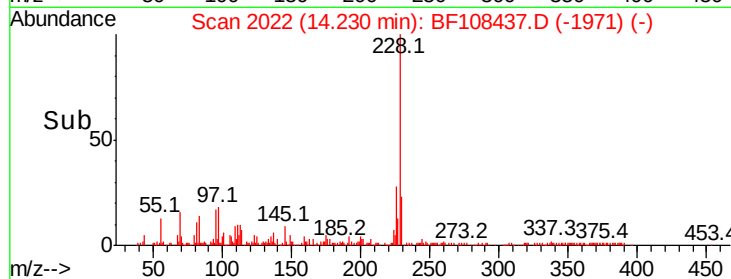
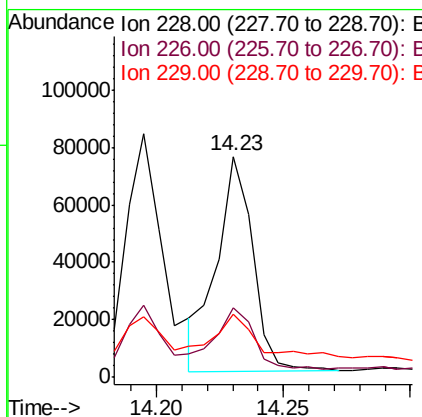
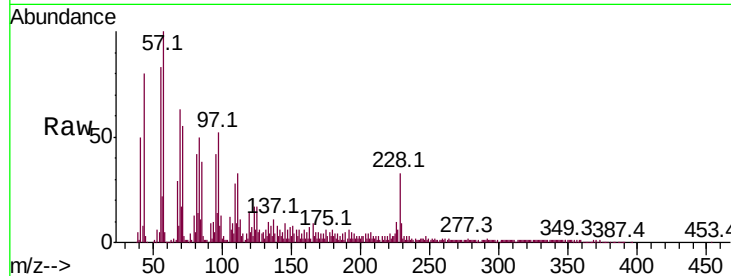
#82
Chrysene
Concen: 6.050 ng
RT: 14.23 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-125-051

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	28.7	16.2	24.4

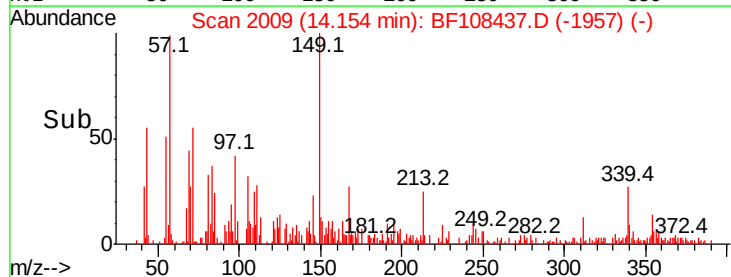
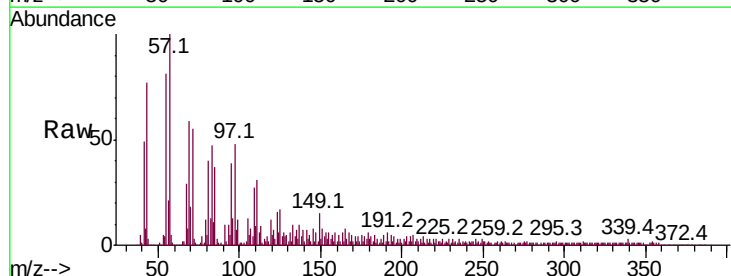
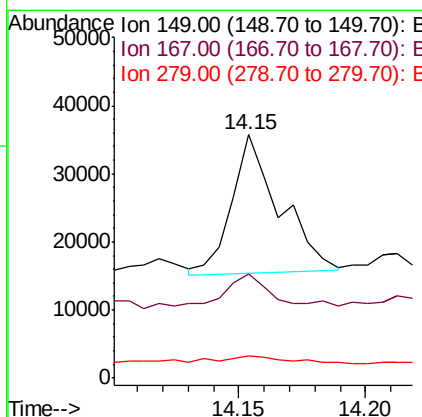
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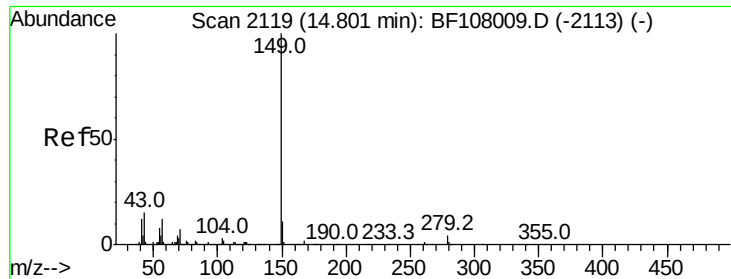
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 3.358 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	42.6	21.3	31.9
279	9.1	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 4.937 ng

RT: 14.78 min Scan# 2116

Delta R.T. 0.01 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Instrument :

BNA_F

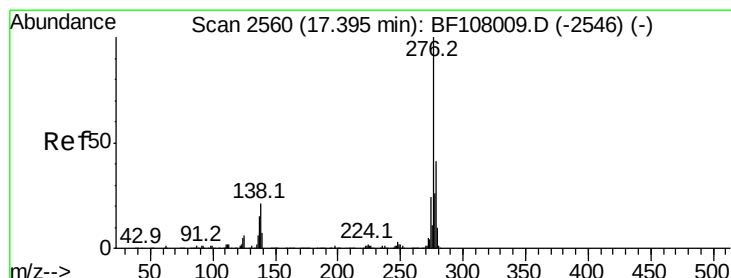
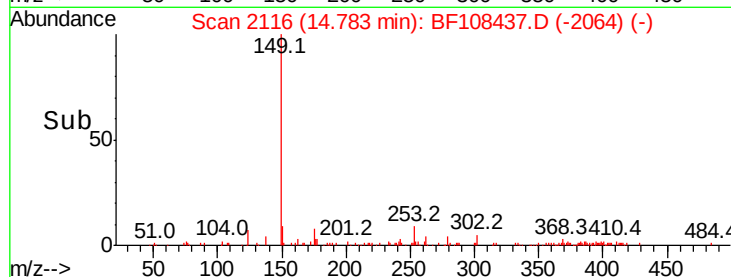
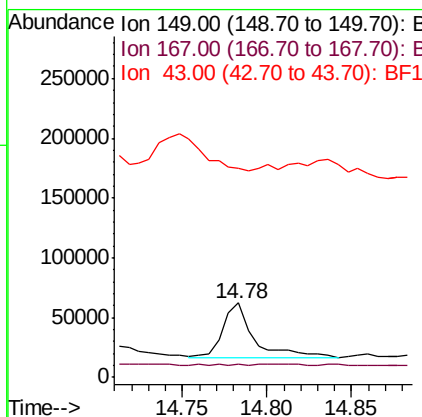
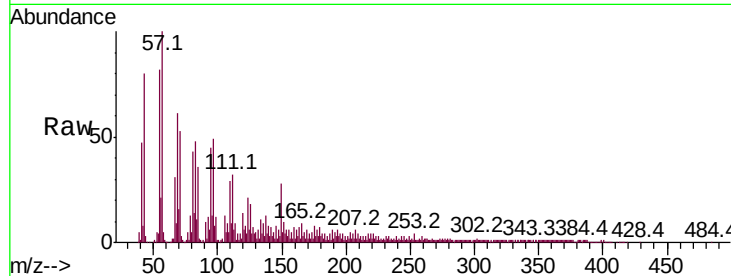
ClientSampleId :

RA-081718-SSW-125-051

Tot Ion:	149	Resp:	59749
Ion Ratio	Lower	Upper	
149	100		
167	3.2	1.2	1.8#
43	0.0	8.4	12.6#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.226 ng

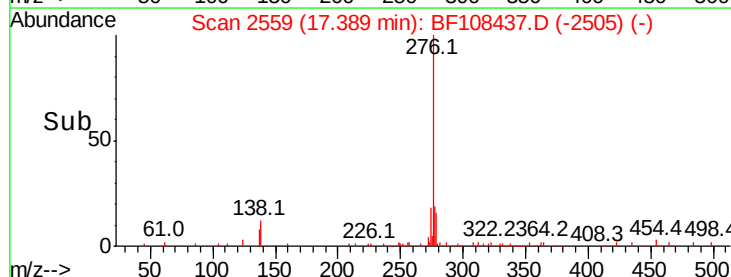
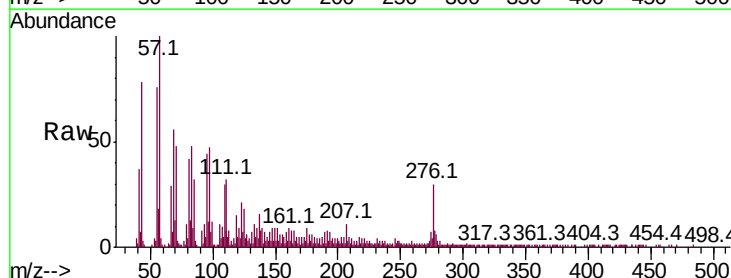
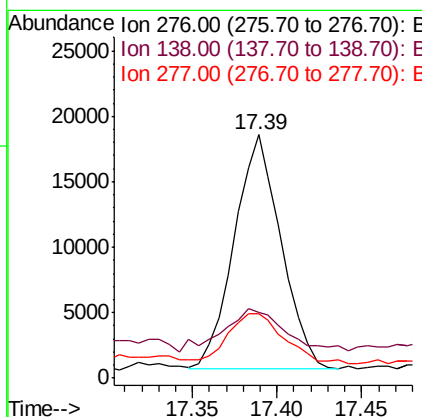
RT: 17.39 min Scan# 2559

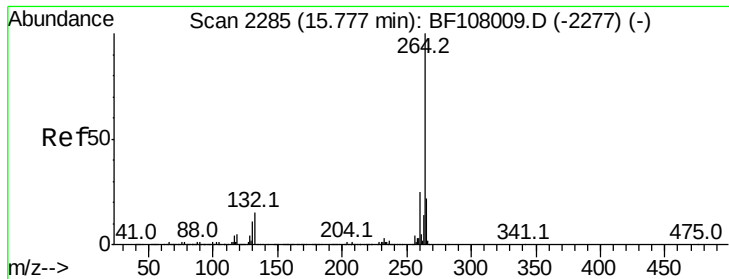
Delta R.T. 0.02 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Tgt Ion:	276	Resp:	34284
Ion Ratio	Lower	Upper	
276	100		
138	24.7	25.0	37.6#
277	26.0	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.02 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Instrument :

BNA_F

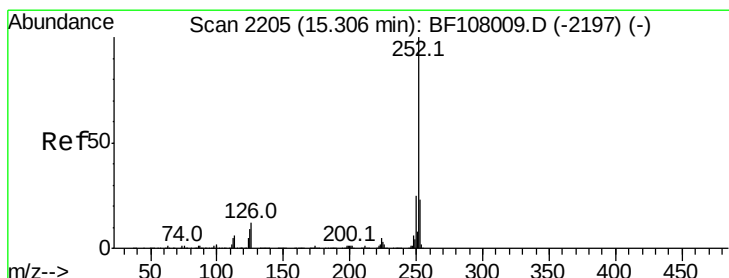
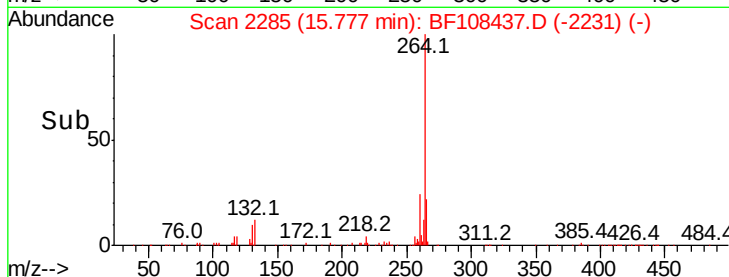
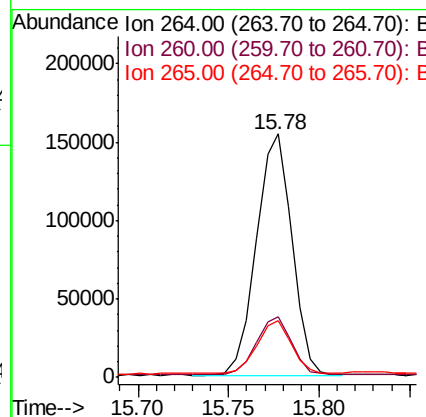
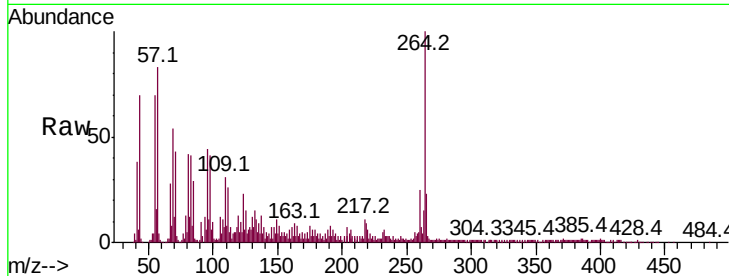
ClientSampleId :

RA-081718-SSW-125-051

Tot Ion:	264	Resp:	210426
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	23.5	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 8.527 ng m

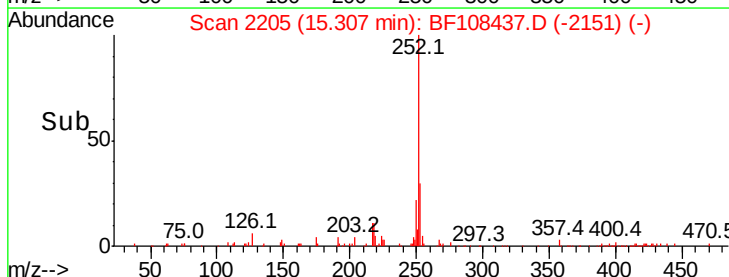
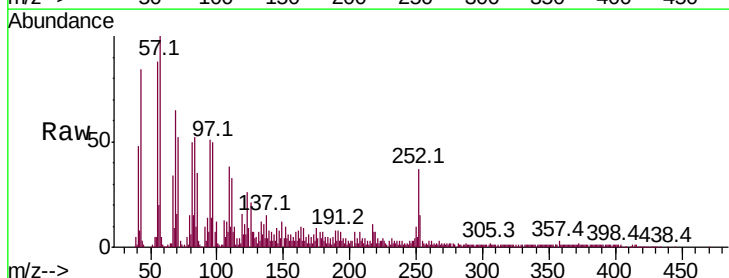
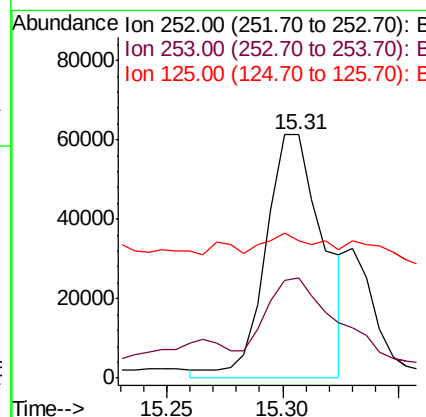
RT: 15.31 min Scan# 2205

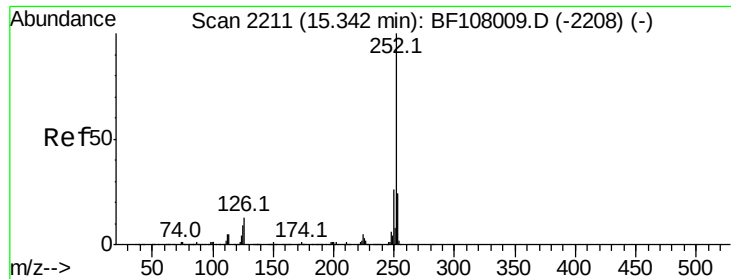
Delta R.T. 0.02 min

Lab File: BF108437.D

Acq: 23 Aug 2018 22:49

Tgt Ion:	252	Resp:	107221
Ion Ratio	Lower	Upper	
252	100		
253	41.1	17.0	25.6#
125	56.3	9.0	13.6#





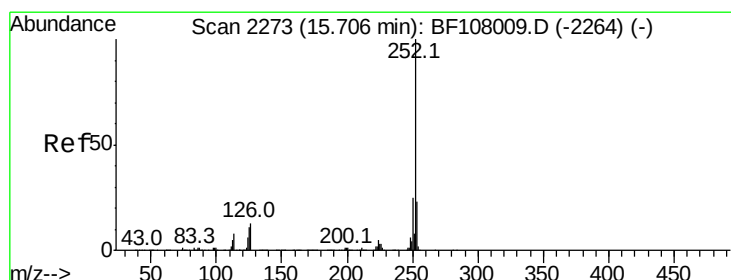
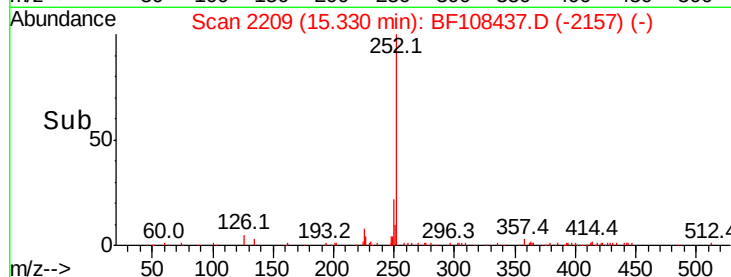
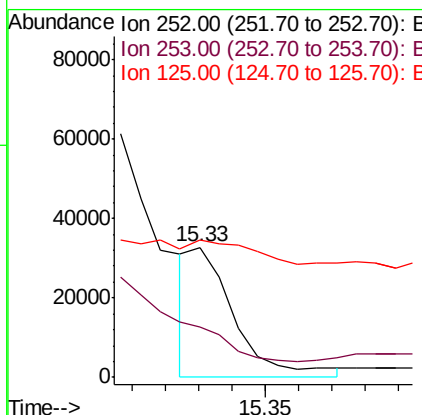
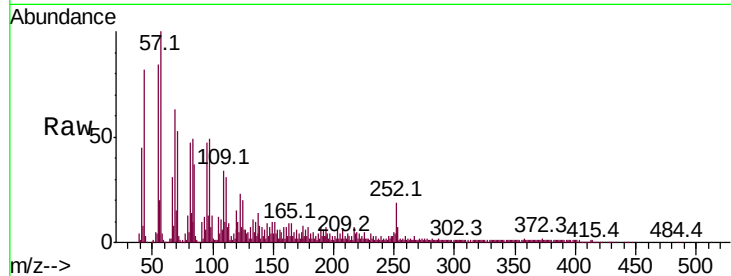
#88
Benzo(k)fluoranthene
Concen: 2.597 ng m
RT: 15.33 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Instrument :
BNA_F
ClientSampleId :
RA-081718-SSW-125-051

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.3	17.9	26.9#
125	105.4	10.2	15.2#

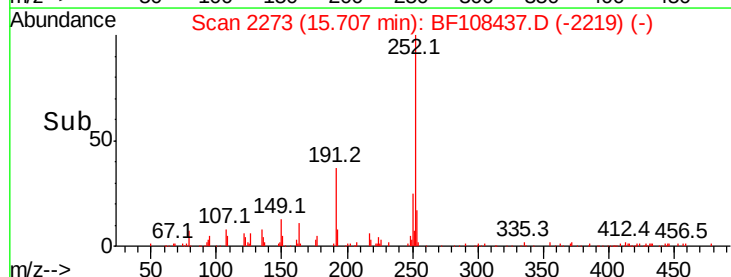
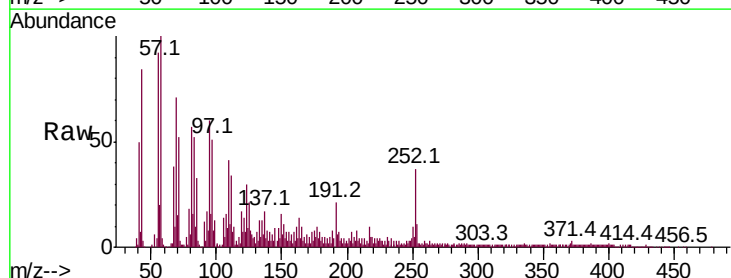
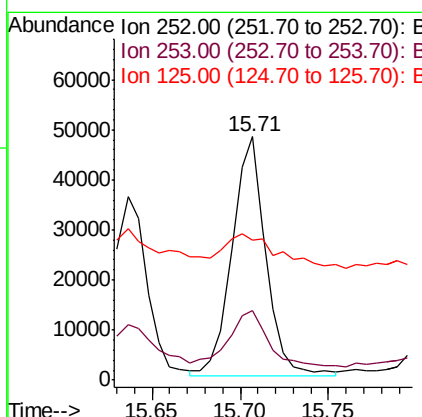
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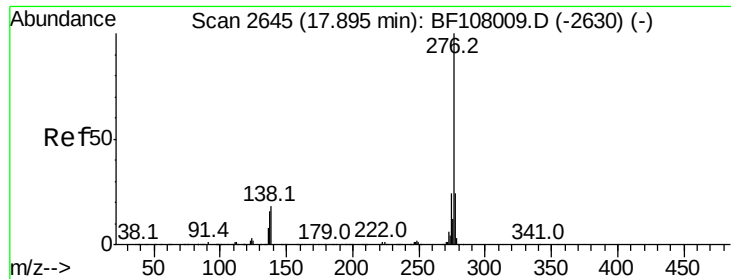
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#89
Benzo(a)pyrene
Concen: 5.700 ng m
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF108437.D
Acq: 23 Aug 2018 22:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.1	25.7#
125	57.4	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.512 ng
 RT: 17.88 min Scan# 2643
 Delta R.T. 0.02 min
 Lab File: BF108437.D
 Acq: 23 Aug 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-SSW-125-051

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.6	17.9	26.9#
138	34.8	21.8	32.8#

Manual Integrations
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