

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108096.D
 Acq On : 10 Aug 2018 20:51
 Operator : JU/SJ
 Sample : J4272-15 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-H

Manual Integrations
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 8/13/2018 3:52:20 PM

Quant Time: Aug 11 02:06:58 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	7.02	152	285882	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1026795	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	429049	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	708702	20.00	ng	0.00
75) Chrysene-d12	14.22	240	583414	20.00	ng	0.00
86) Perylene-d12	15.79	264	391894	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	784435	49.68	ng	0.00
7) Phenol-d6	6.63	99	1045690	49.83	ng	0.00
23) Nitrobenzene-d5	7.58	82	647999	35.22	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	192660	45.02	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1139443	42.64	ng	0.00
78) Terphenyl-d14	13.15	244	989295	43.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	107584	3.600	ng	Qvalue # 99
70) Phenanthrene	11.59	178	193477	5.788	ng	98
71) Anthracene	11.64	178	71206	2.078	ng	98
74) Fluoranthene	12.79	202	450297	12.343	ng	93
77) Pyrene	13.02	202	421148	11.402	ng	100
80) Benzo(a)anthracene	14.21	228	212990	6.361	ng	96
82) Chrysene	14.25	228	158935	5.178	ng	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	59630	2.242	ng	# 90
87) Benzo(b)fluoranthene	15.32	252	168527m	7.197	ng	
88) Benzo(k)fluoranthene	15.35	252	63016m	2.927	ng	
89) Benzo(a)pyrene	15.72	252	113507	5.413	ng	# 92
91) Benzo(g,h,i)perylene	17.91	276	58386	3.417	ng	# 93

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

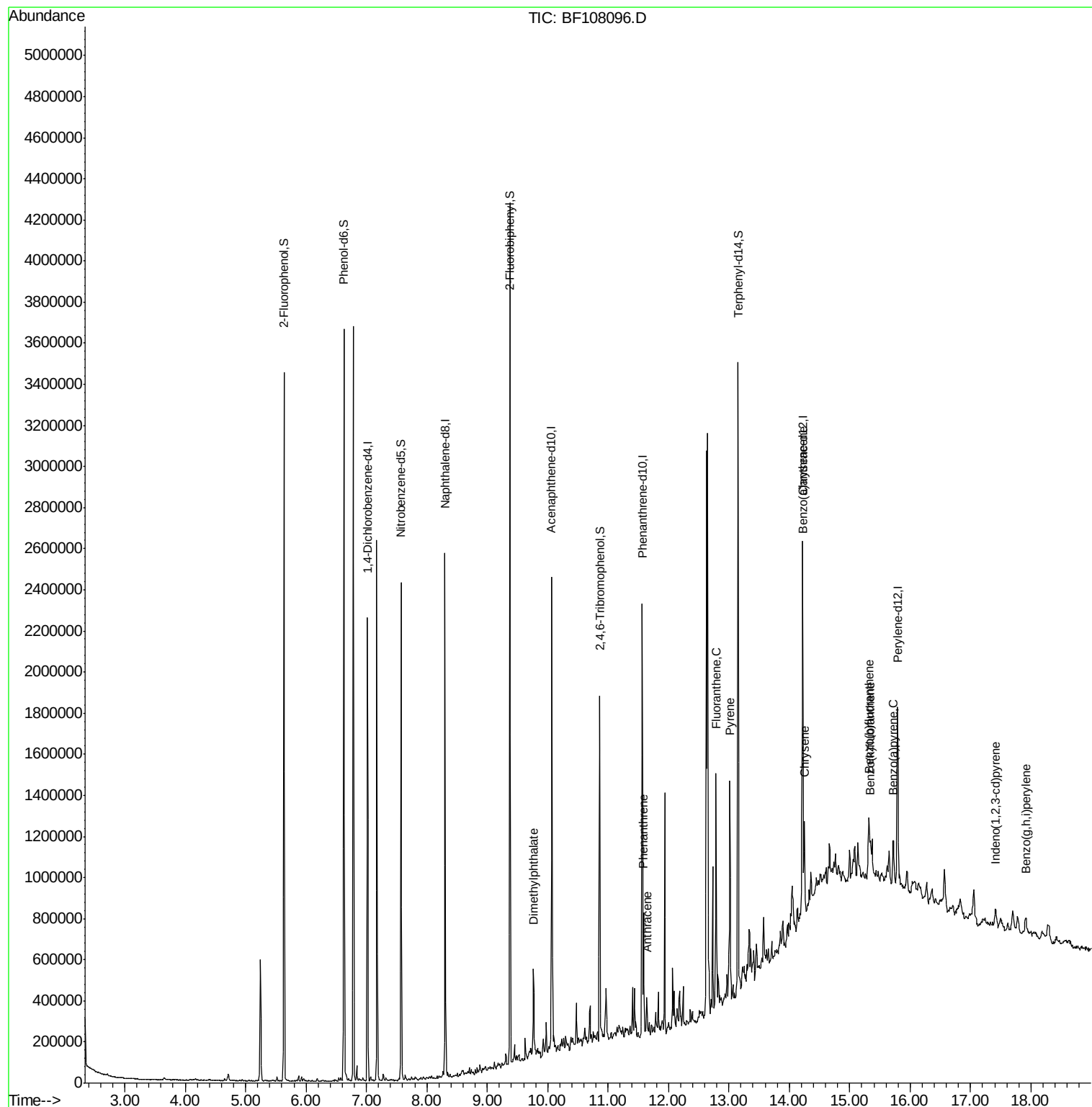
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108096.D
Acq On : 10 Aug 2018 20:51
Operator : JU/SJ
Sample : J4272-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

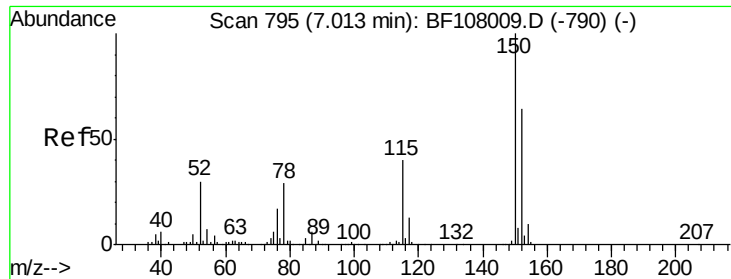
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-H

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#1

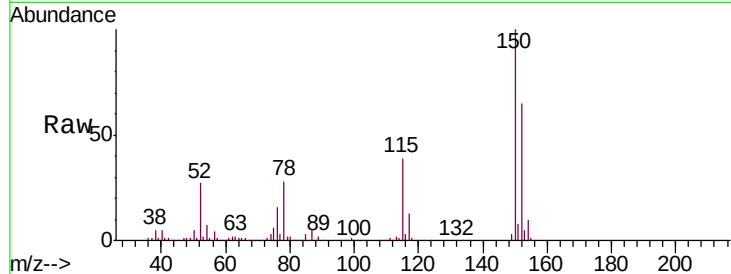
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-H

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	285882		
150	154.7	124.6	186.8	
115	60.8	50.1	75.1	

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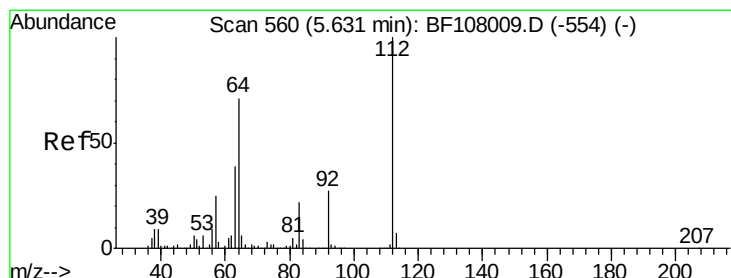
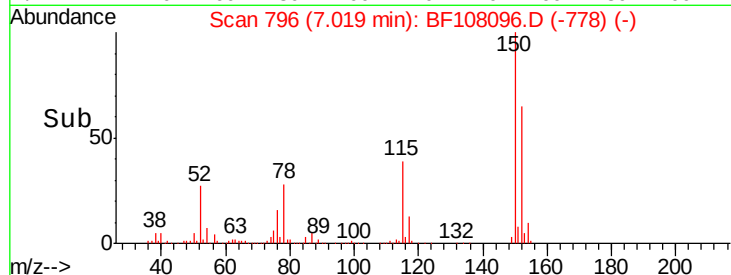
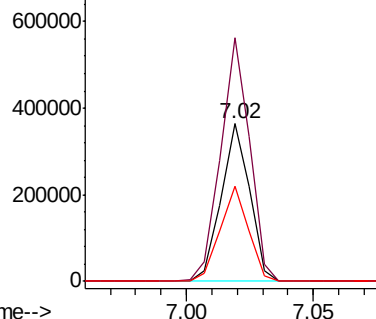


Abundance

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: 49.677 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

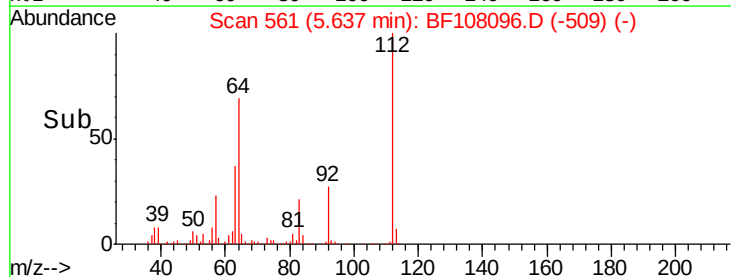
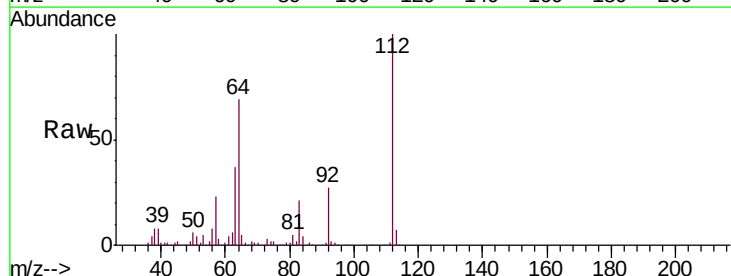
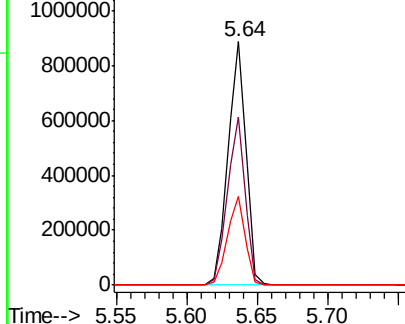
Tgt Ion	Ratio	Resp	Lower	Upper
112	100	784435		
64	68.9	47.9	71.9	
63	36.5	23.7	35.5	

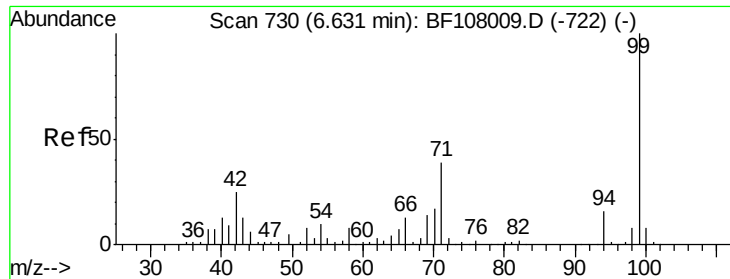
Abundance

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: 49.834 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108096.D

Acq: 10 Aug 2018 20:51

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-H

Tgt Ion: 99 Resp: 1045690

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

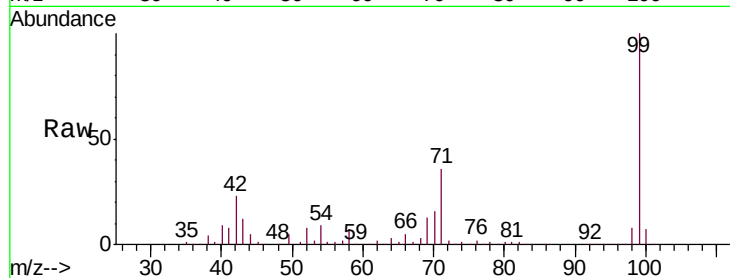
71 36.1 25.4 38.0

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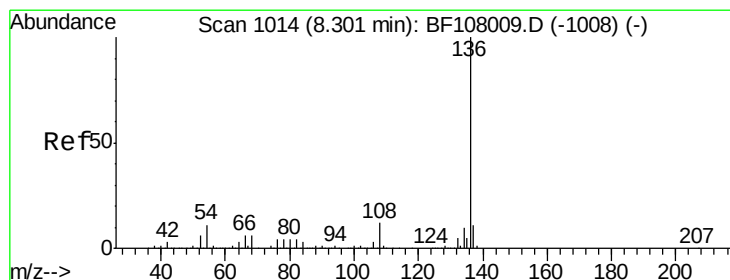
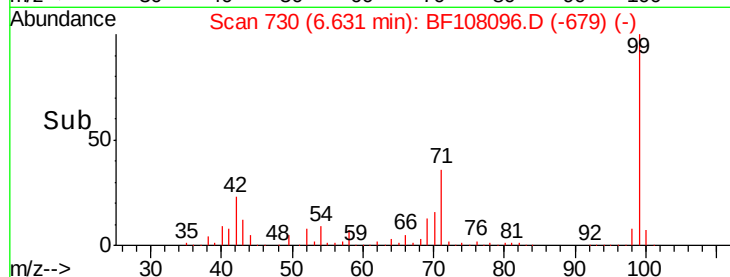
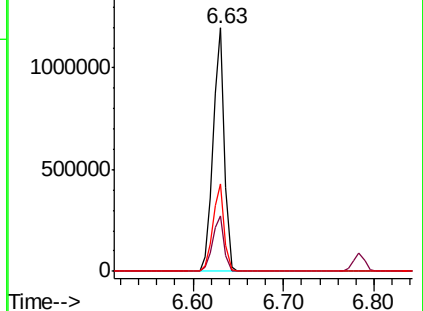
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF108096.D

Acq: 10 Aug 2018 20:51

Tgt Ion: 136 Resp: 1026795

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.8 6.6 9.8#

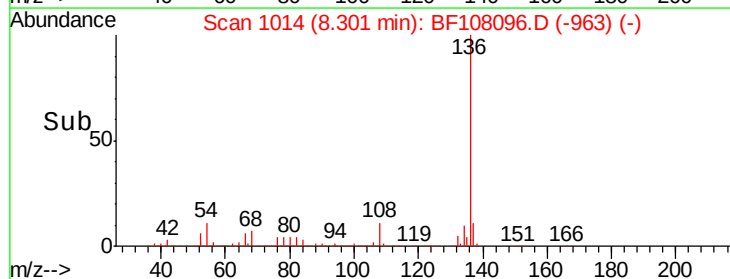
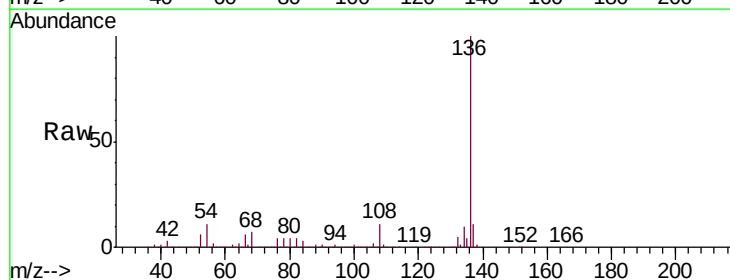
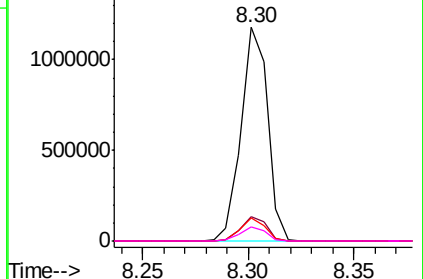
68 6.9 5.0 7.4

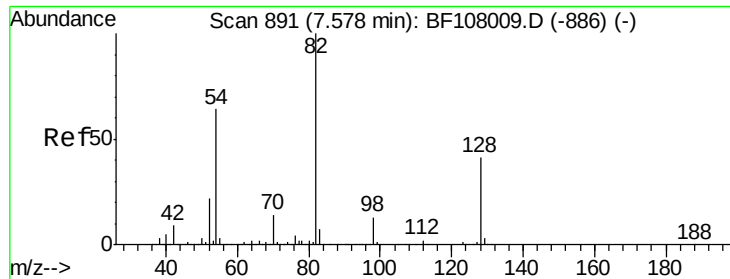
Abundance Ion 136.00 (135.70 to 136.70): E

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





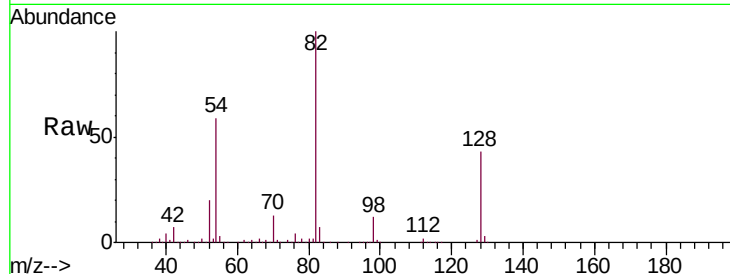
#23
 Nitrobenzene-d5
 Concen: 35.216 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108096.D
 Acq: 10 Aug 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-H

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	647999		
128	42.9	36.1	54.1	
54	58.9	41.4	62.2	

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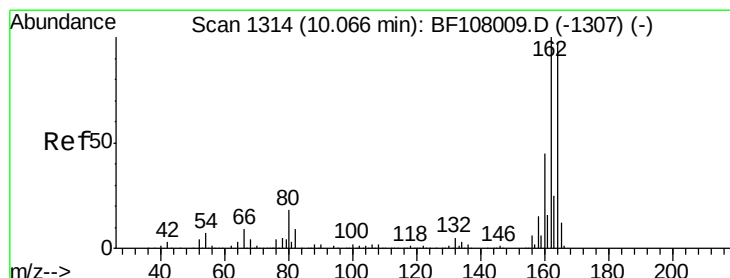
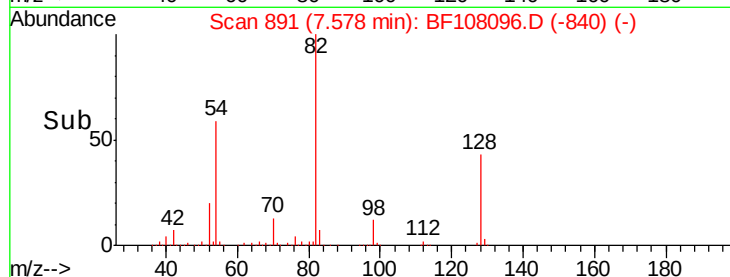
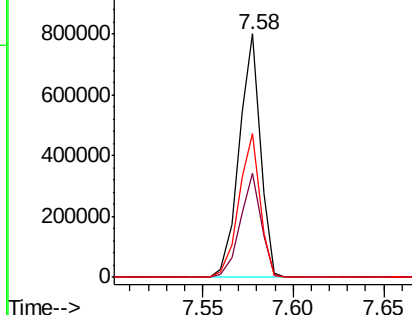


Abundance

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: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108096.D
 Acq: 10 Aug 2018 20:51

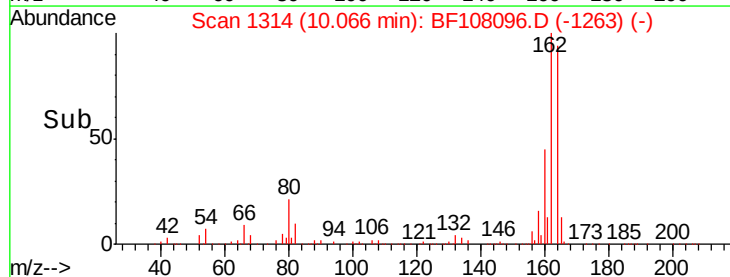
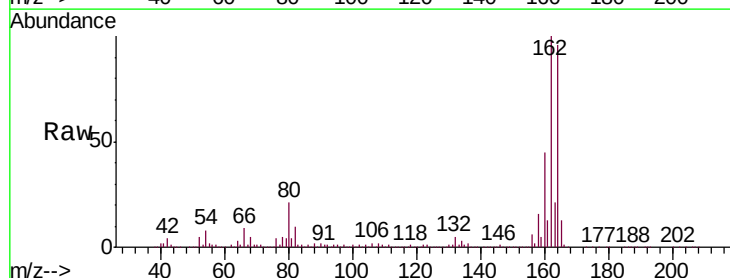
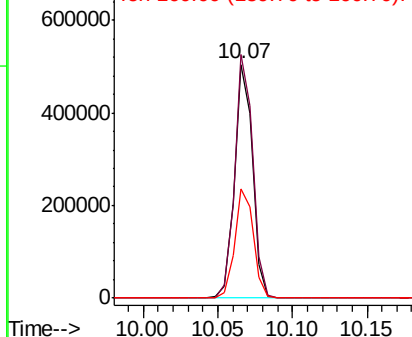
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	429049		
162	104.2	86.1	129.1	
160	46.9	38.3	57.5	

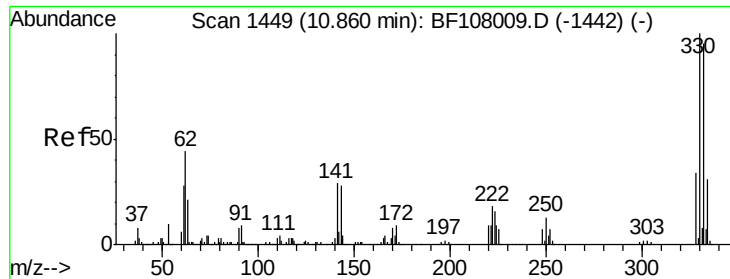
Abundance

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





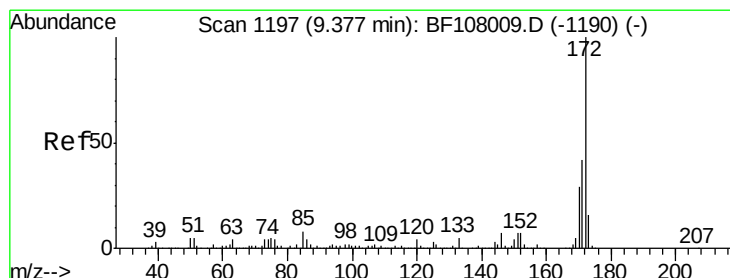
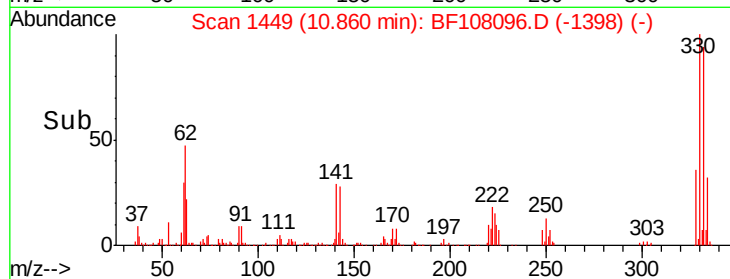
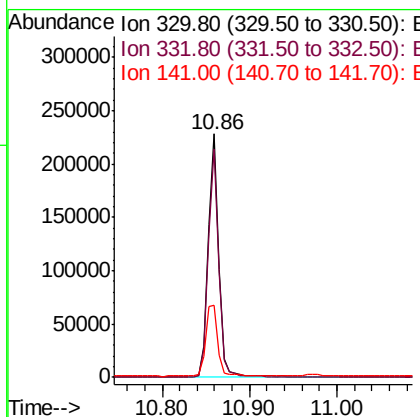
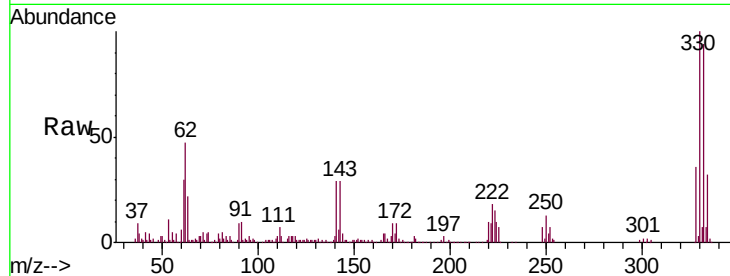
#41
 2,4,6-Tribromophenol
 Concen: 45.018 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108096.D
 Acq: 10 Aug 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-H

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	192660		
332	93.5	77.0	115.6	
141	33.2	29.9	44.9	

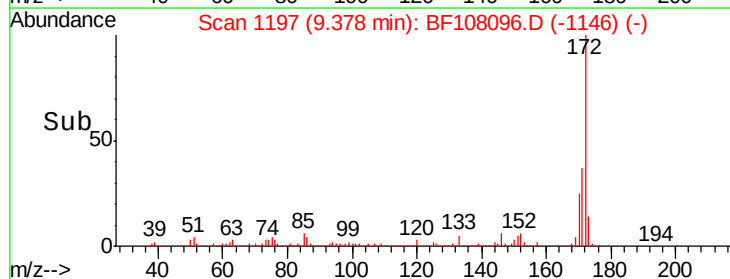
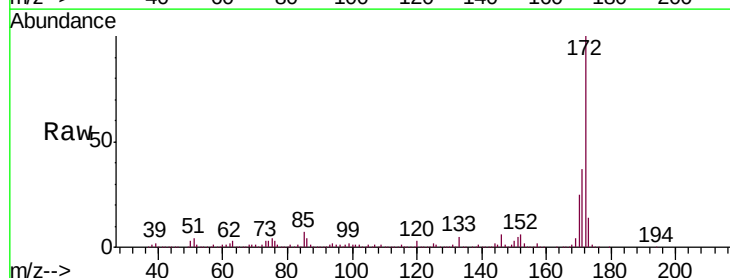
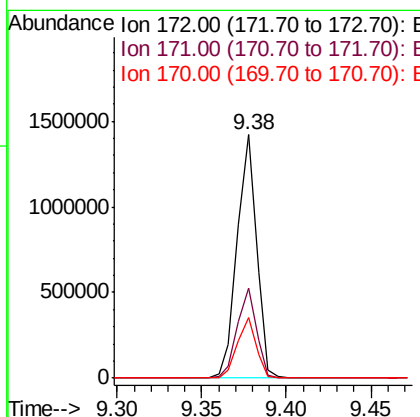
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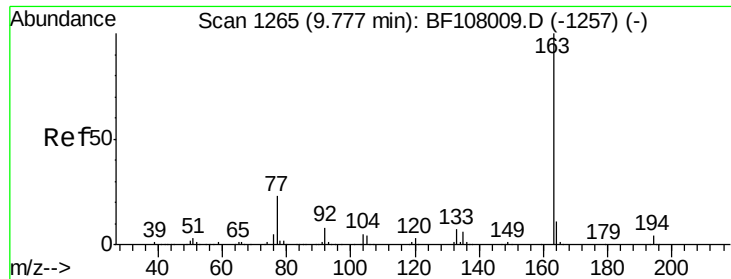
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#44
 2-Fluorobiphenyl
 Concen: 42.637 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108096.D
 Acq: 10 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1139443		
171	37.0	29.7	44.5	
170	24.9	19.6	29.4	





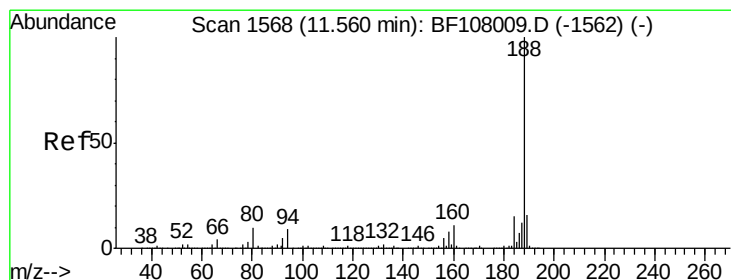
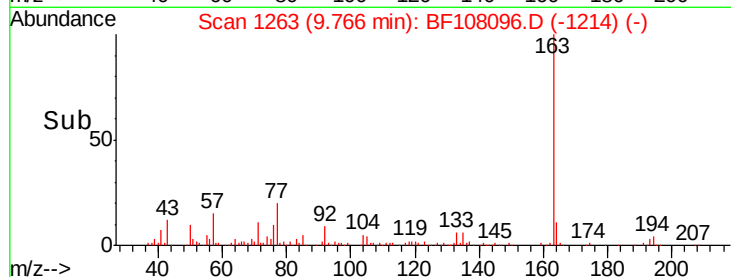
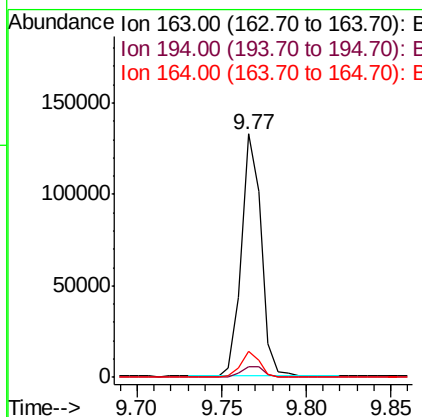
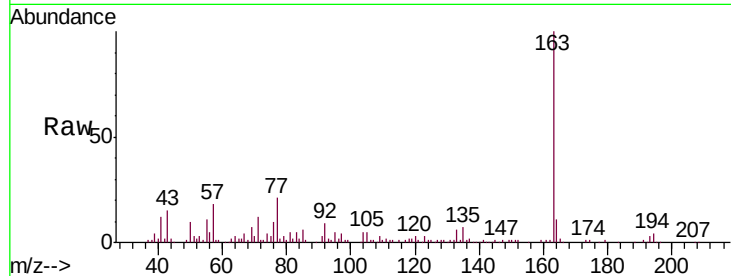
#49
Dimethylphthalate
Concen: 3.600 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-H

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	107584		
194	4.4	2.7	4.1#	
164	10.5	8.2	12.2	

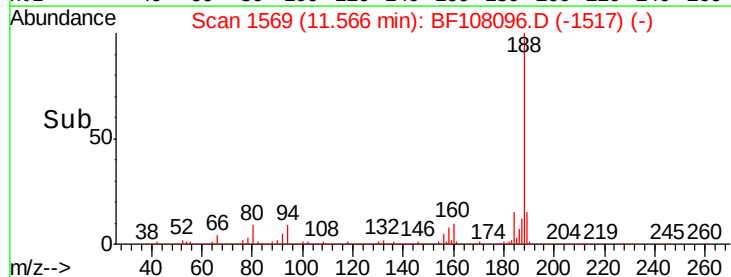
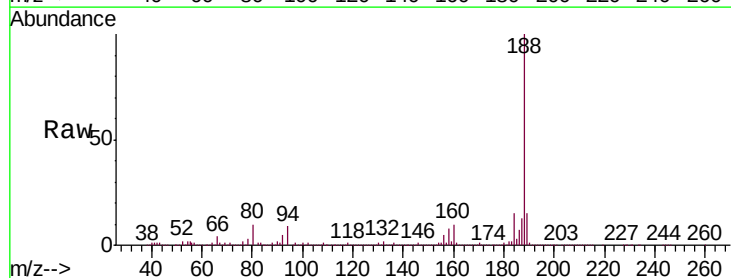
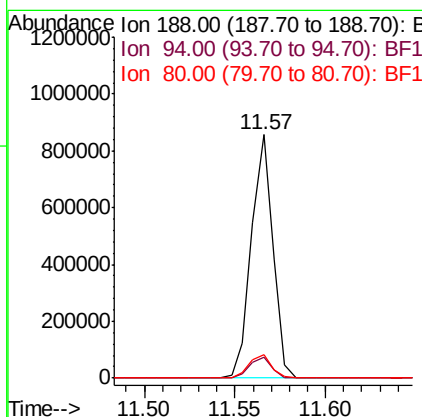
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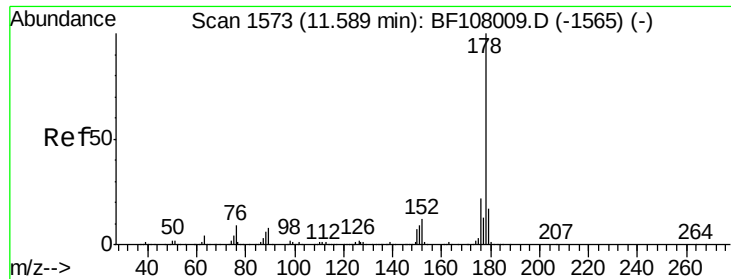
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	708702		
94	8.8	8.5	12.7	
80	9.5	9.2	13.8	





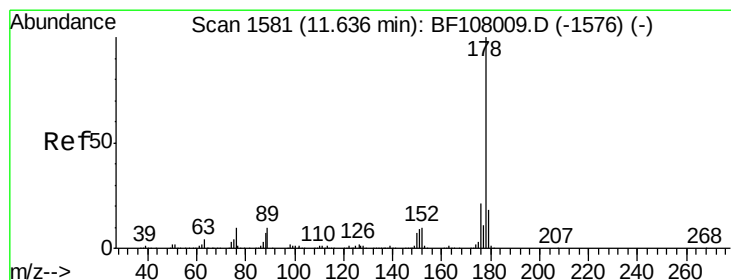
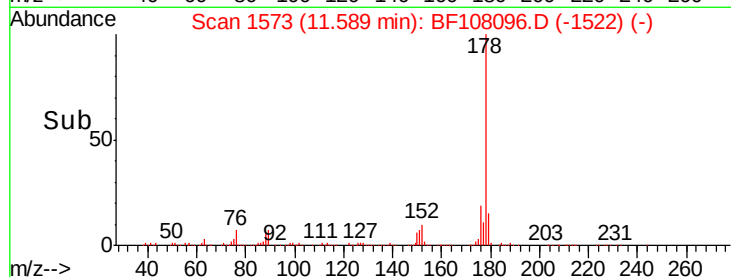
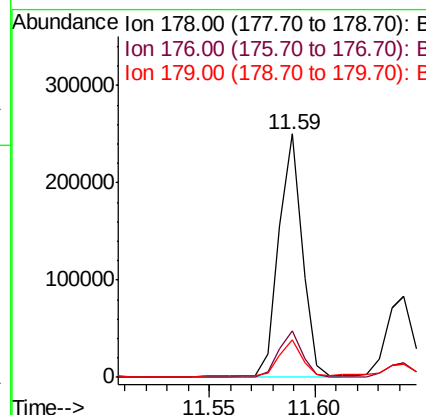
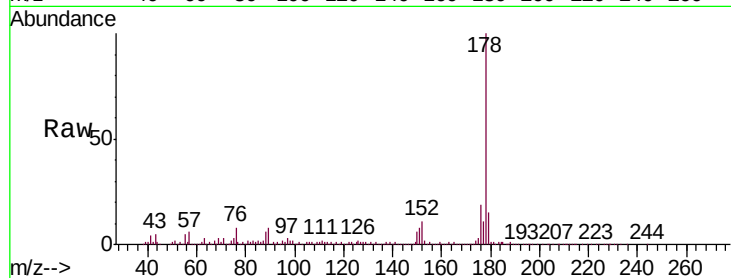
#70
Phenanthrene
Concen: 5.788 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-H

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6

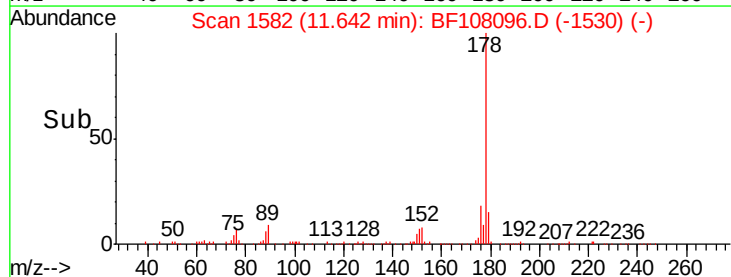
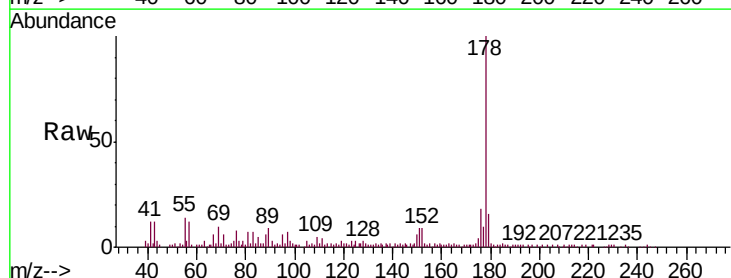
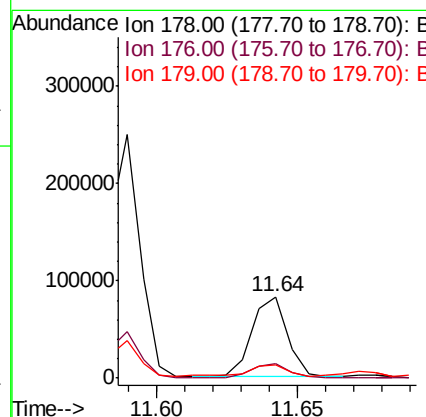
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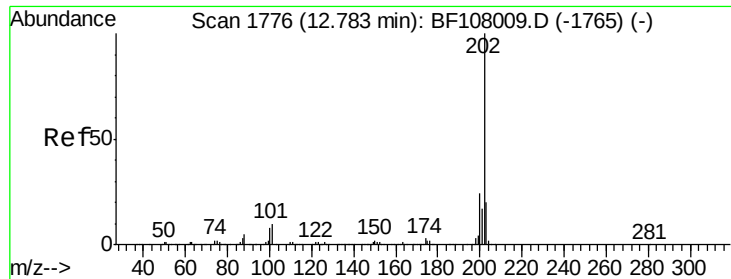
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#71
Anthracene
Concen: 2.078 ng
RT: 11.64 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	16.3	12.6	19.0





#74

Fluoranthene

Concen: 12.343 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108096.D

Acq: 10 Aug 2018 20:51

Instrument :

BNA_F

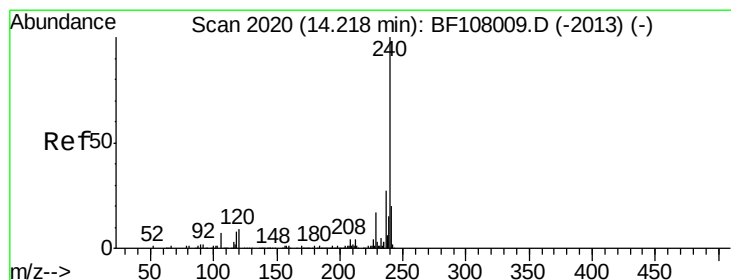
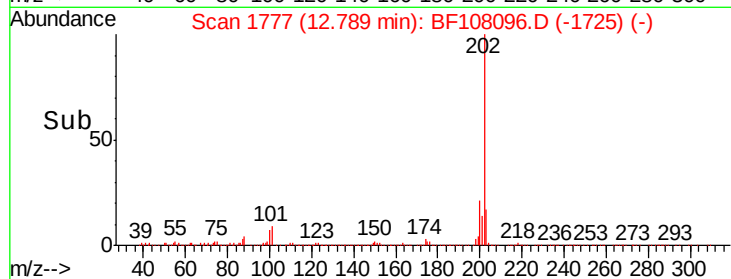
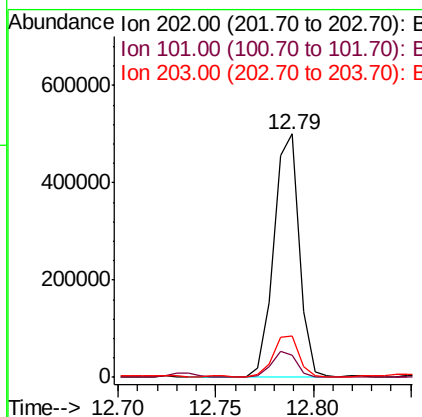
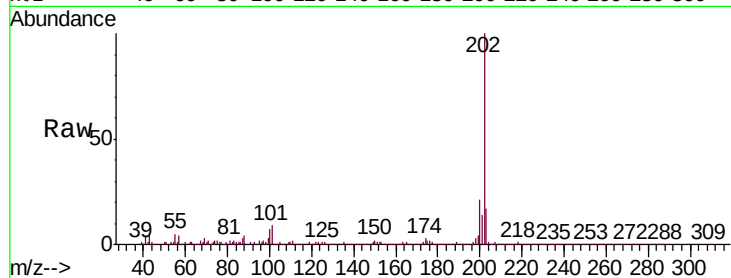
ClientSampleId :

JC-03-080918-H

Tgt Ion:	202	Resp:	450297
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	34.1
203	16.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

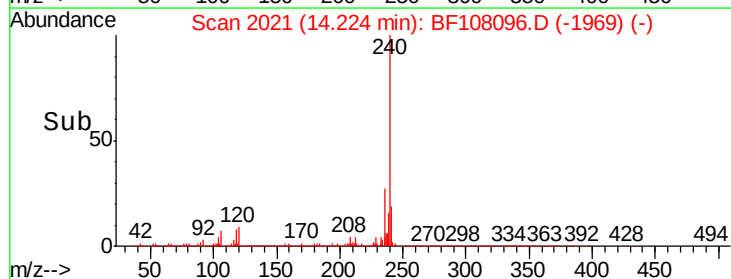
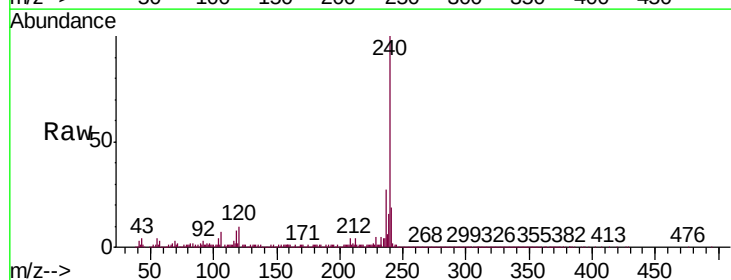
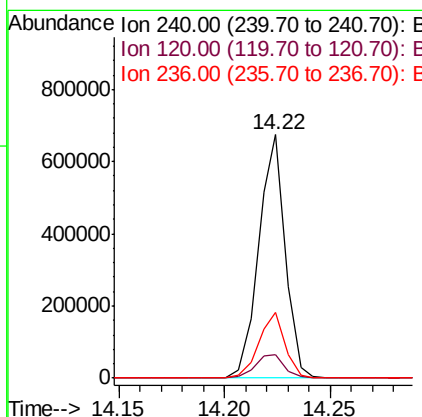
RT: 14.22 min Scan# 2021

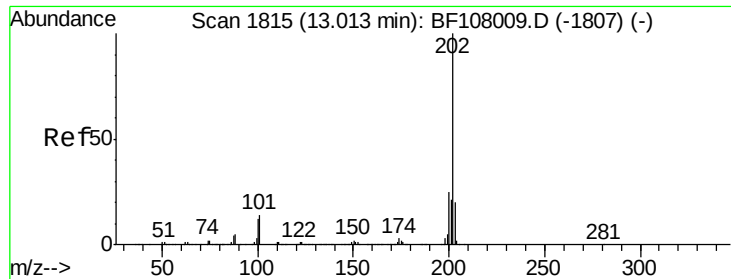
Delta R.T. 0.01 min

Lab File: BF108096.D

Acq: 10 Aug 2018 20:51

Tgt Ion:	240	Resp:	583414
Ion Ratio	Lower	Upper	
240	100		
120	9.6	9.5	14.3
236	26.9	20.7	31.1





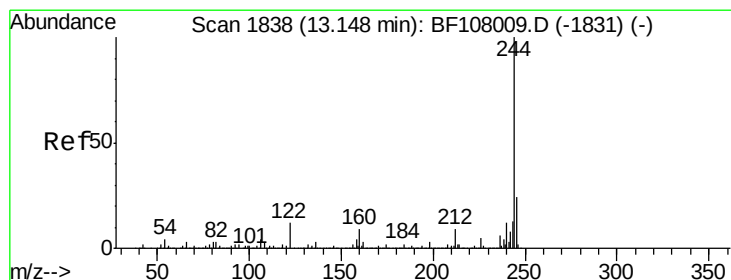
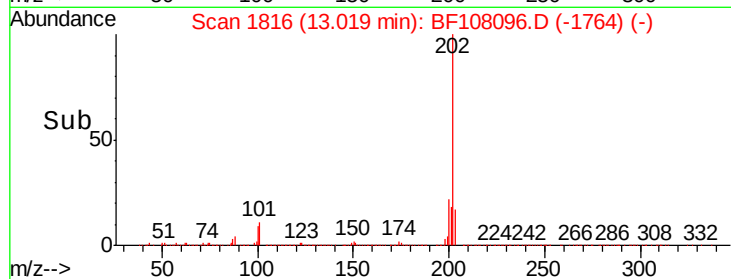
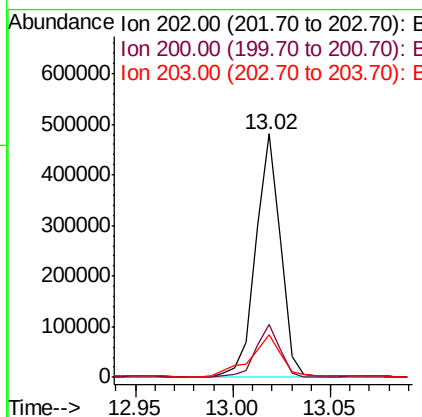
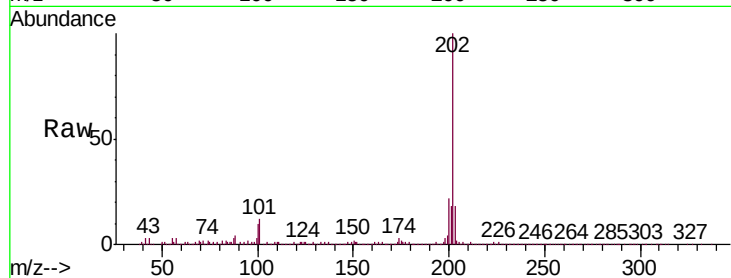
#77
 Pyrene
 Concen: 11.402 ng
 RT: 13.02 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF108096.D
 Acq: 10 Aug 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-H

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

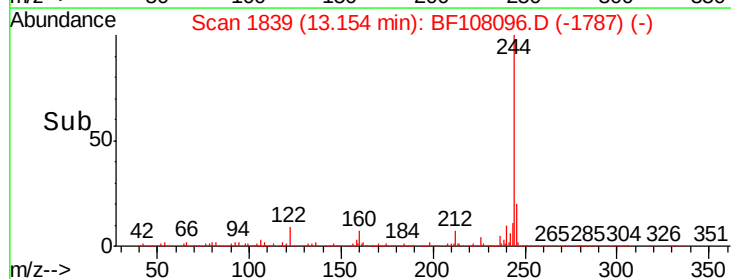
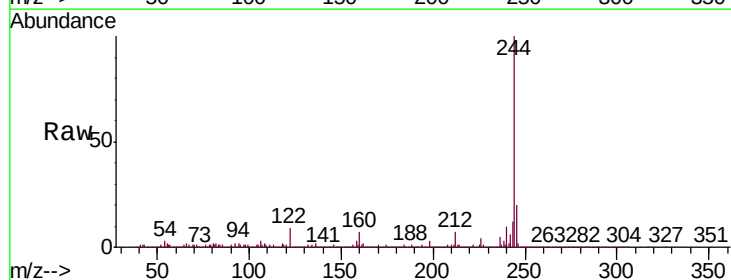
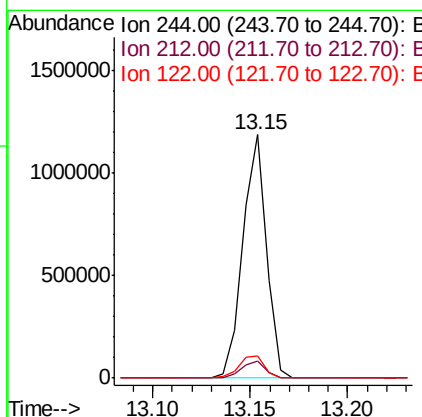
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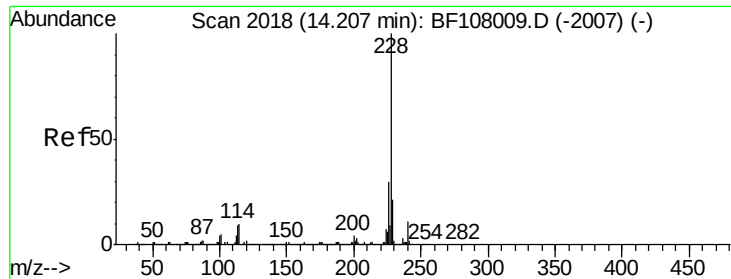
Sohil
 8/13/2018 3:52:20 PM



#78
 Terphenyl-d14
 Concen: 43.114 ng
 RT: 13.15 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF108096.D
 Acq: 10 Aug 2018 20:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	5.4	8.0
122	9.4	11.0	16.4#





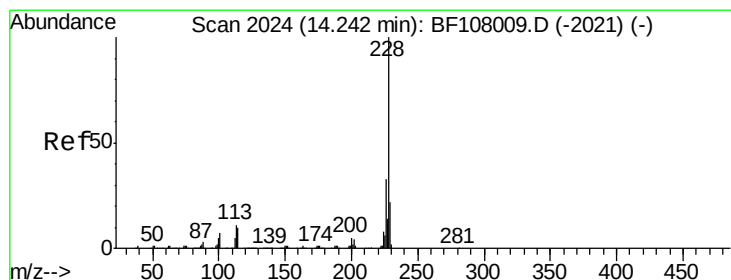
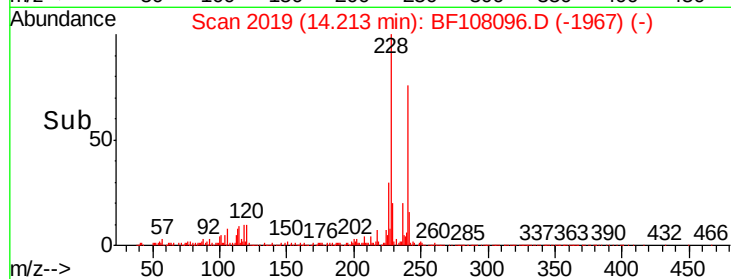
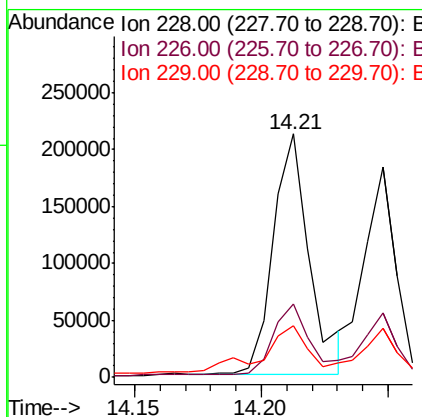
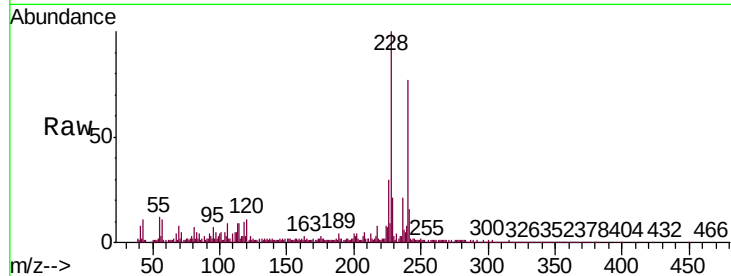
#80
Benzo(a)anthracene
Concen: 6.361 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-H

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	212990		
226	30.4	22.6	33.8	
229	21.2	15.8	23.6	

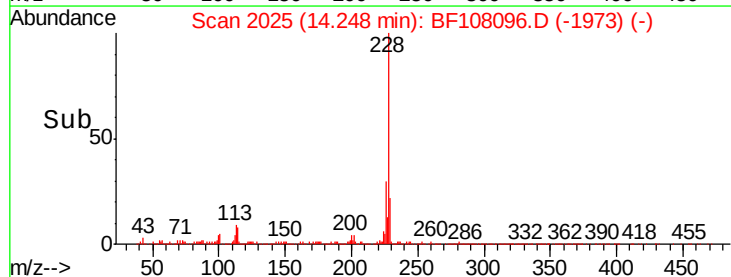
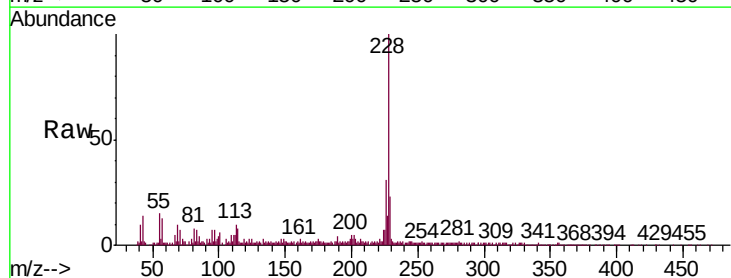
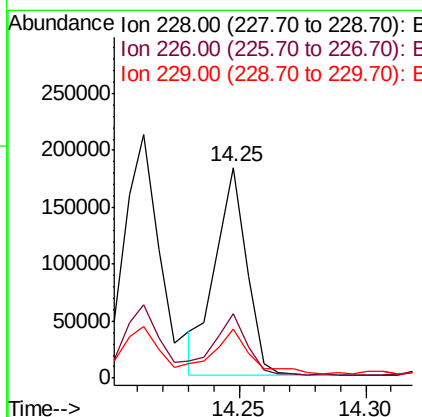
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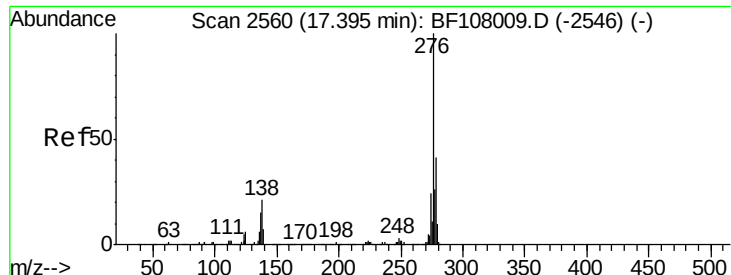
Sohil
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#82
Chrysene
Concen: 5.178 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	158935		
226	30.8	25.0	37.6	
229	23.1	16.2	24.4	





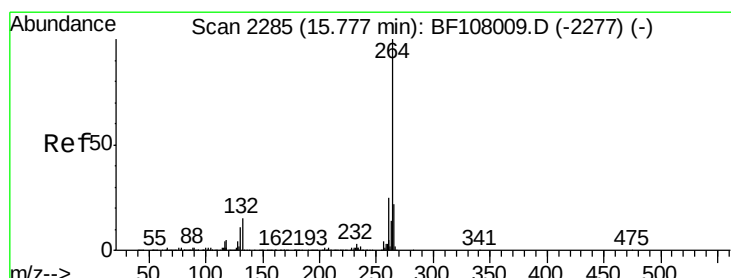
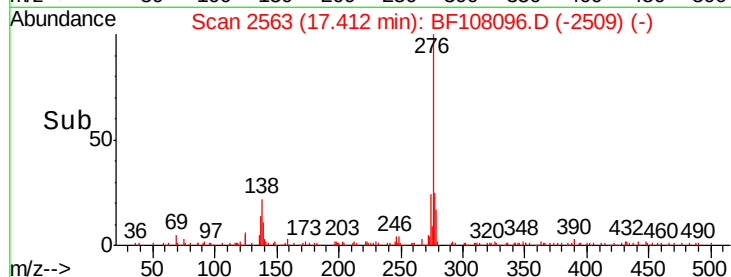
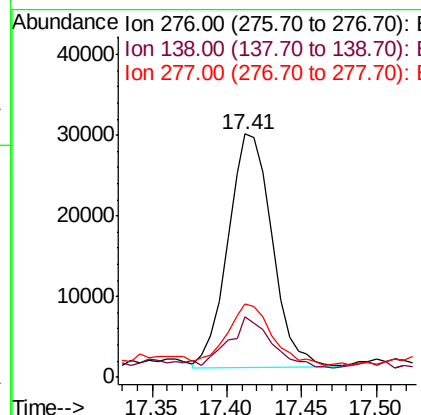
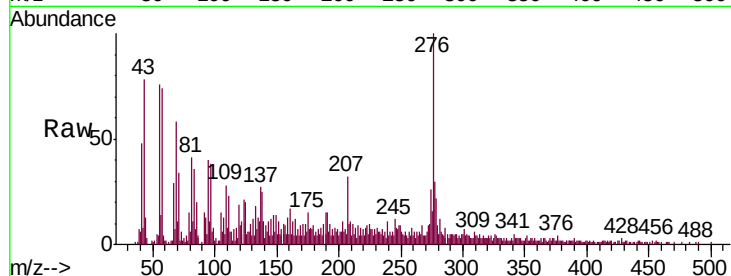
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.242 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108096.D
 Acq: 10 Aug 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-H

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	25.8	20.1	30.1

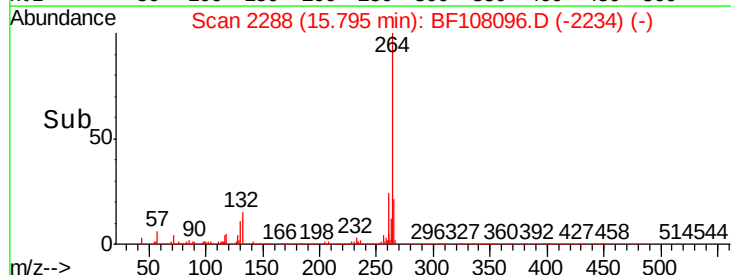
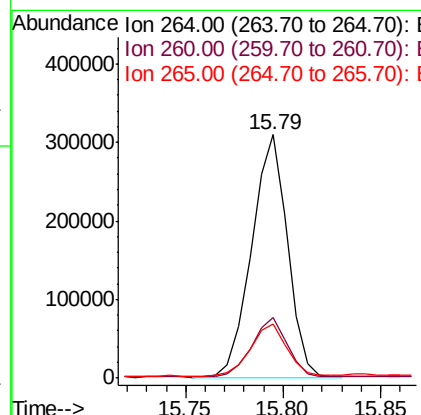
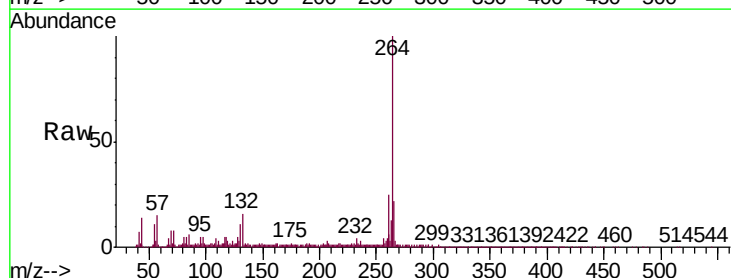
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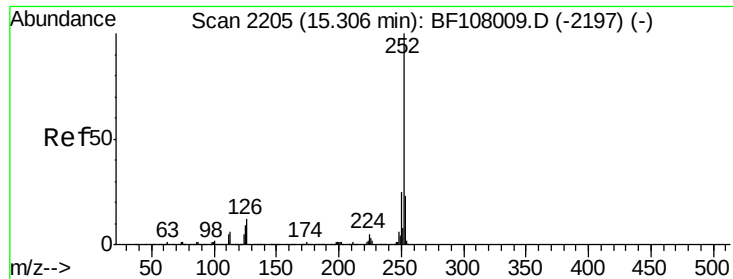
Sohil
 8/13/2018 3:52:20 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.79 min Scan# 2288
 Delta R.T. 0.02 min
 Lab File: BF108096.D
 Acq: 10 Aug 2018 20:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.197 ng m

RT: 15.32 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF108096.D

Acq: 10 Aug 2018 20:51

Instrument :

BNA_F

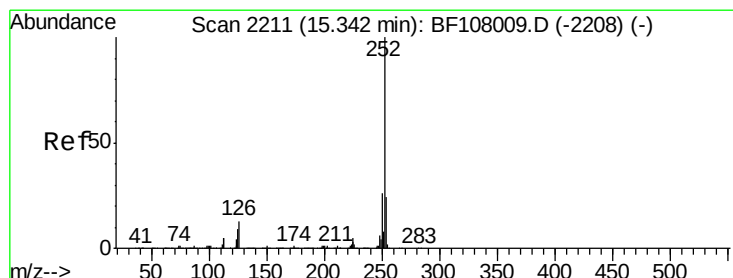
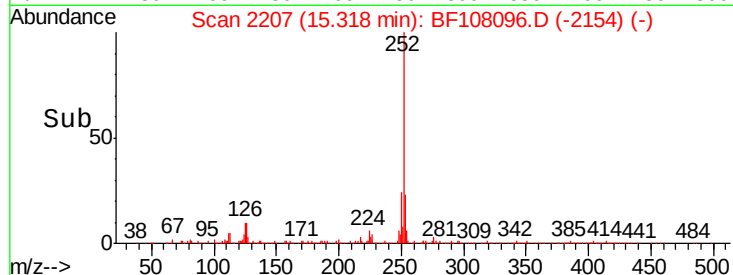
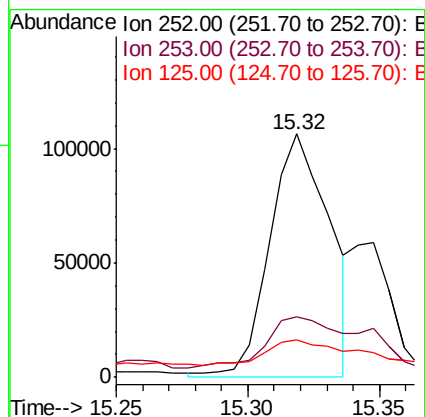
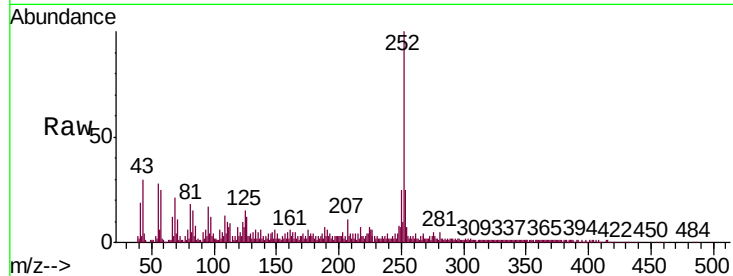
ClientSampleId :

JC-03-080918-H

Tgt Ion:	252	Resp:	168527
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.0	25.6
125	15.2	9.0	13.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.927 ng m

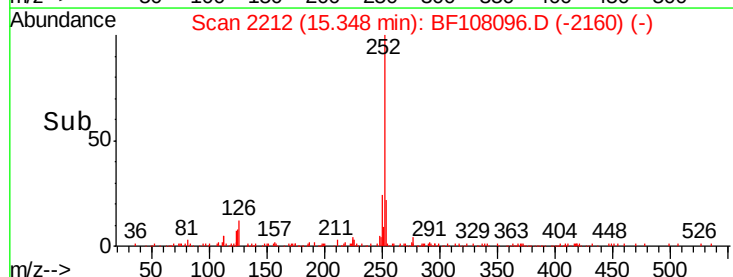
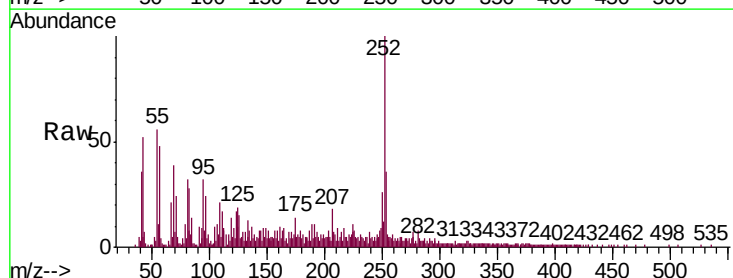
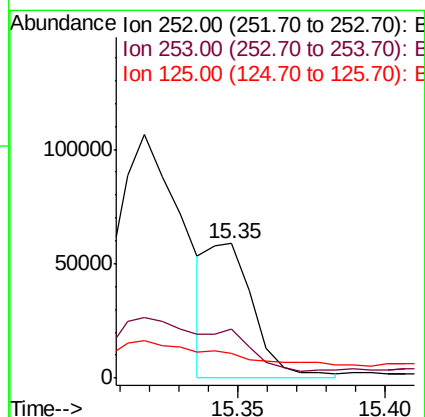
RT: 15.35 min Scan# 2212

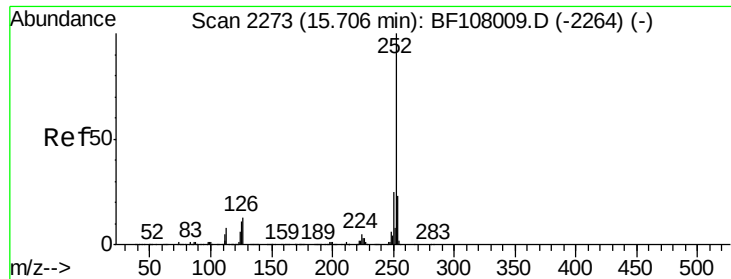
Delta R.T. 0.01 min

Lab File: BF108096.D

Acq: 10 Aug 2018 20:51

Tgt Ion:	252	Resp:	63016
Ion Ratio	Lower	Upper	
252	100		
253	36.3	17.9	26.9#
125	18.8	10.2	15.2#





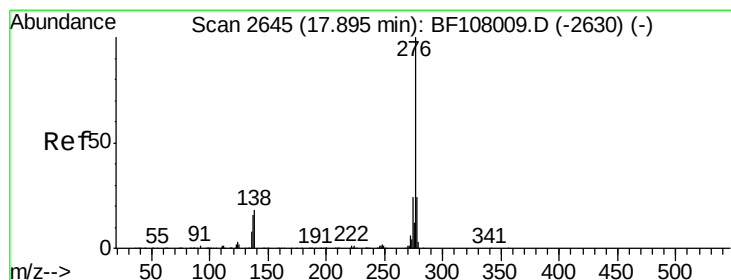
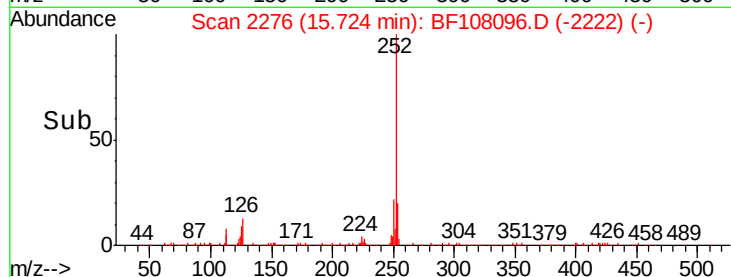
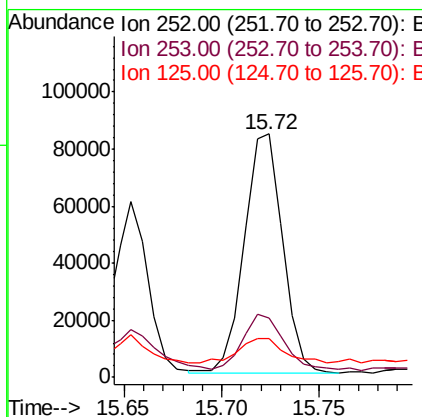
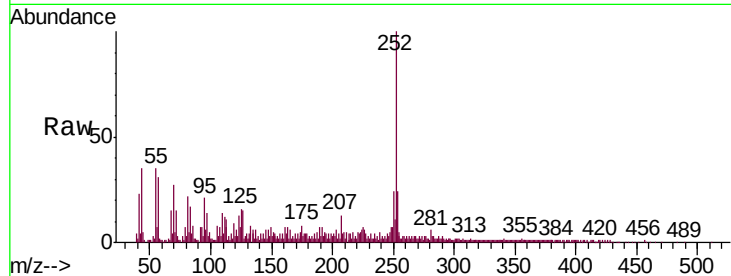
#89
Benzo(a)pyrene
Concen: 5.413 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-H

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.5	17.1	25.7	
125	15.9	9.8	14.6	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.417 ng
RT: 17.91 min Scan# 2648
Delta R.T. 0.02 min
Lab File: BF108096.D
Acq: 10 Aug 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	27.2	17.9	26.9	
138	25.4	21.8	32.8	

