

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108089.D
 Acq On : 10 Aug 2018 17:38
 Operator : JU/SJ
 Sample : J4272-09 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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 8/13/2018 3:52:01 PM

Quant Time: Aug 10 18:43:07 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	283064	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1059167	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	498468	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	813352	20.00	ng	0.00
75) Chrysene-d12	14.22	240	674991	20.00	ng	0.00
86) Perylene-d12	15.79	264	608116	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	854002	54.62	ng	0.00
7) Phenol-d6	6.62	99	1140460	54.89	ng	0.00
23) Nitrobenzene-d5	7.57	82	730902	38.51	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	234117	47.09	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1268002	40.84	ng	0.00
78) Terphenyl-d14	13.15	244	1055191	39.75	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.77	163	97937	2.821	ng	99
57) Fluorene	10.61	166	73153	2.268	ng	97
70) Phenanthrene	11.58	178	604323	15.753	ng	100
71) Anthracene	11.64	178	149905	3.813	ng	99
74) Fluoranthene	12.78	202	732627	17.498	ng	95
77) Pyrene	13.01	202	639701	14.969	ng	100
80) Benzo(a)anthracene	14.21	228	338926	8.749	ng	97
82) Chrysene	14.24	228	274628	7.733	ng	98
85) Indeno(1,2,3-cd)pyrene	17.41	276	101020	3.283	ng	# 89
87) Benzo(b)fluoranthene	15.31	252	337614m	9.291	ng	
88) Benzo(k)fluoranthene	15.34	252	121159m	3.627	ng	
89) Benzo(a)pyrene	15.71	252	225115	6.918	ng	97
91) Benzo(g,h,i)perylene	17.90	276	89190	3.364	ng	# 91

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

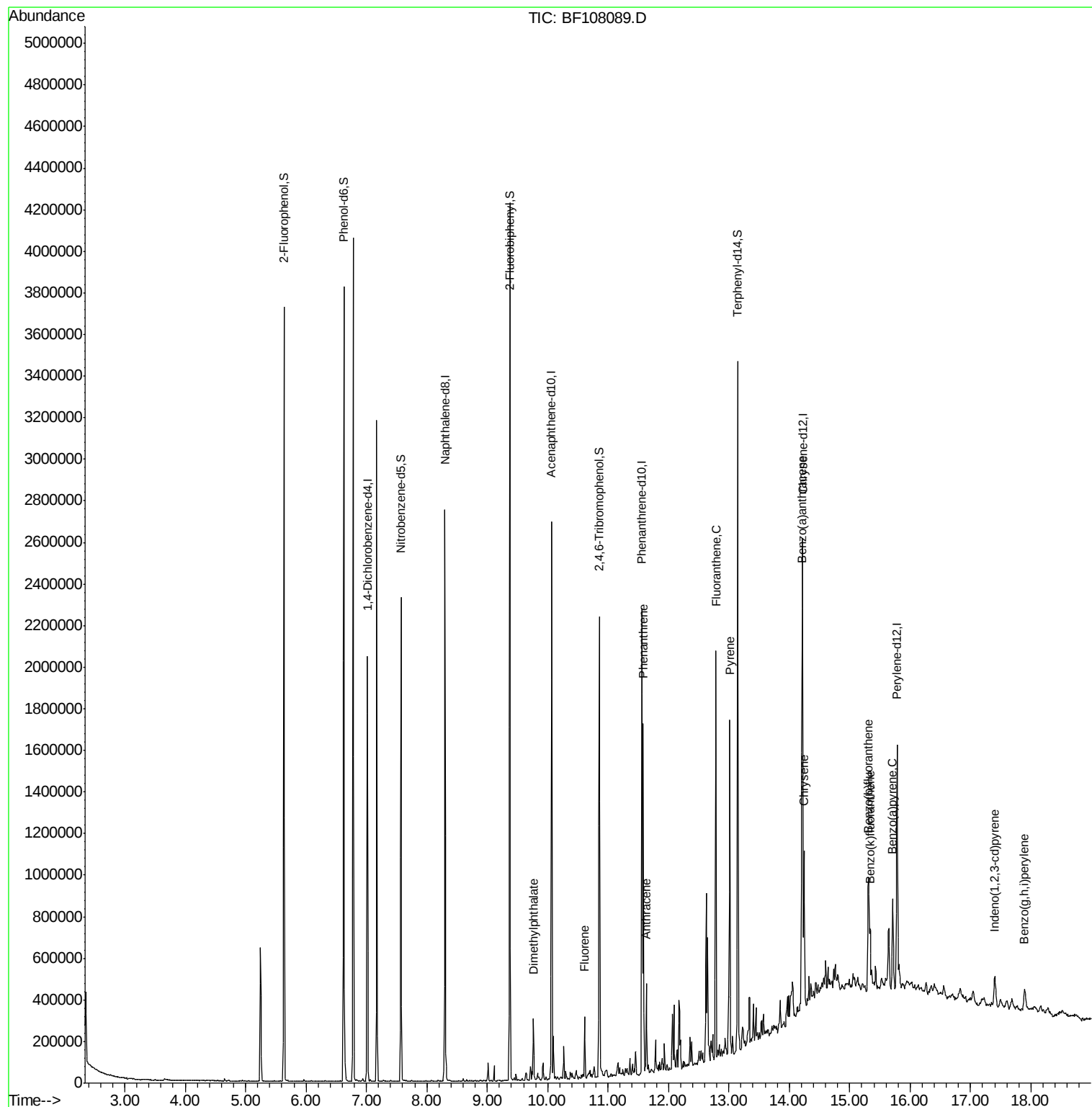
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108089.D
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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#1

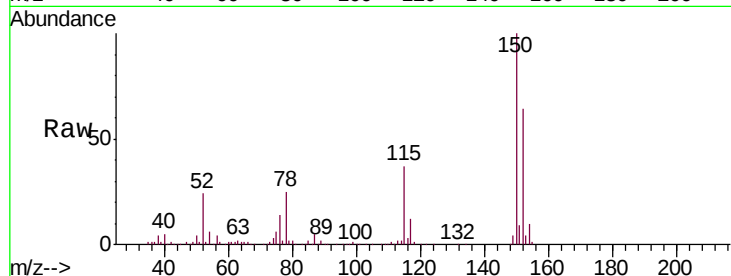
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108089.D
Acq: 10 Aug 2018 17:38

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.3	50.1	75.1

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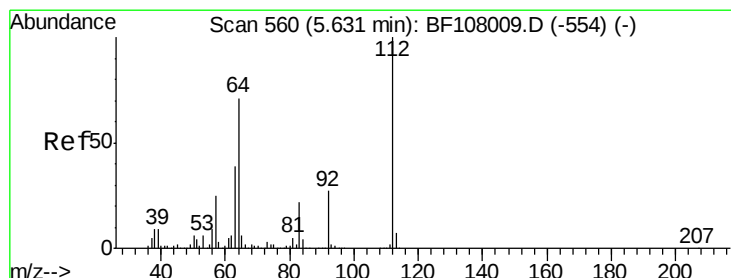
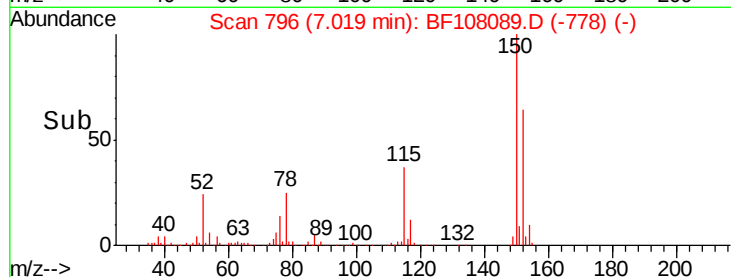
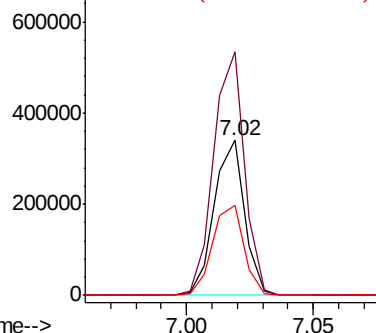


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

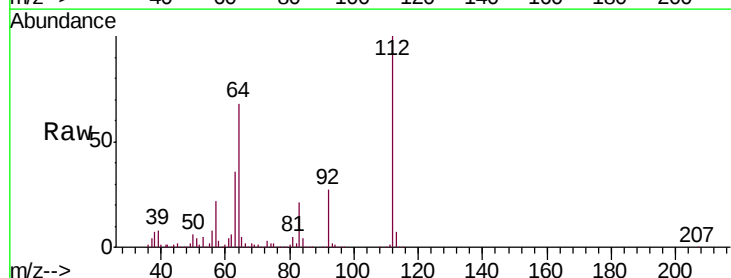
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 54.621 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108089.D
Acq: 10 Aug 2018 17:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	35.9	23.7	35.5#

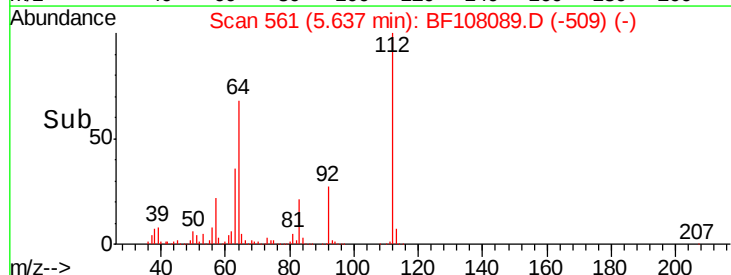
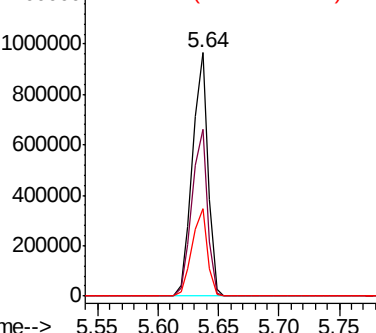


Abundance

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: 54.891 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108089.D

Acq: 10 Aug 2018 17:38

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-E

Tgt Ion: 99 Resp: 1140460

Ion Ratio Lower Upper

99 100

42 24.2 14.5 21.7#

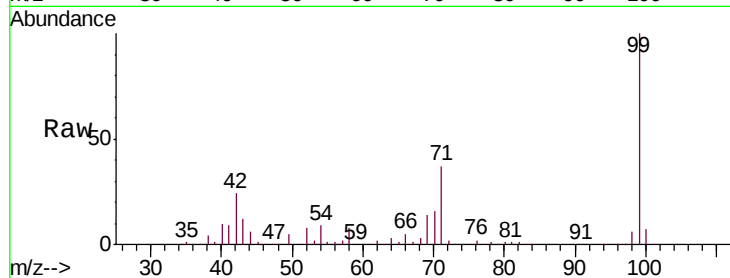
71 37.1 25.4 38.0

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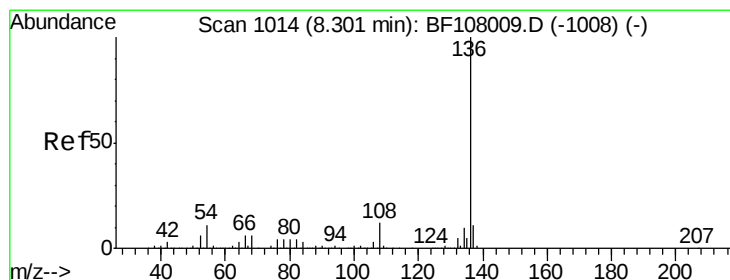
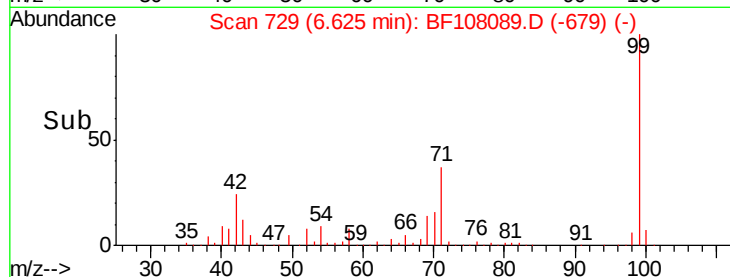
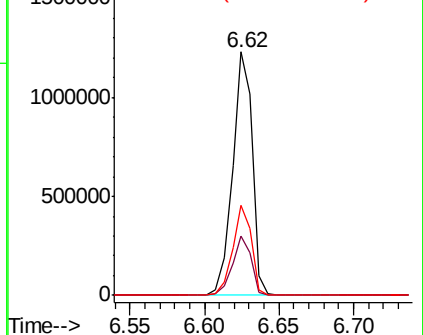
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF108089.D

Acq: 10 Aug 2018 17:38

Tgt Ion: 136 Resp: 1059167

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.6 6.6 9.8#

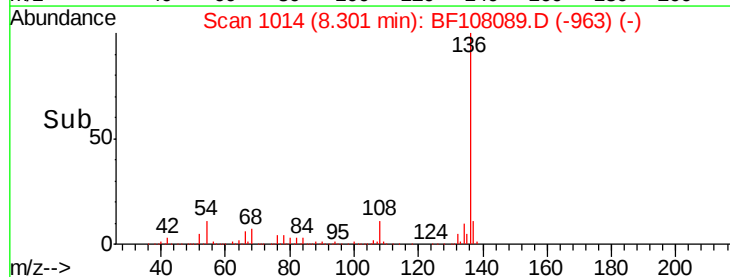
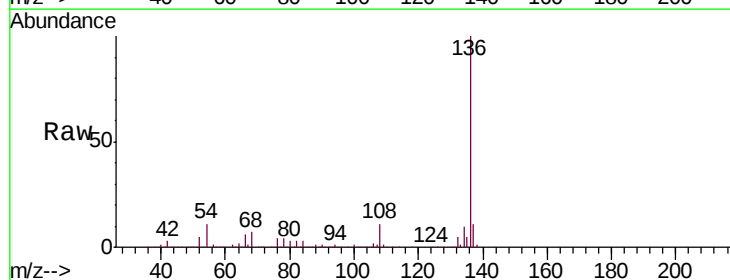
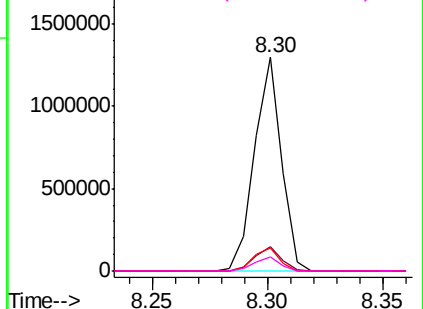
68 6.5 5.0 7.4

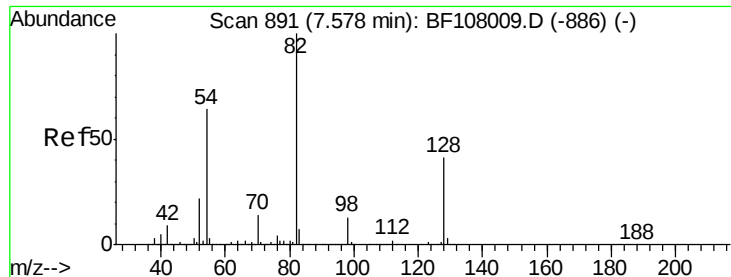
Abundance Ion 136.00 (135.70 to 136.70): E

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





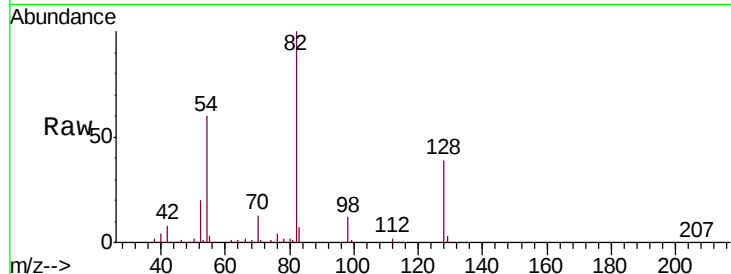
#23
 Nitrobenzene-d5
 Concen: 38.507 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108089.D
 Acq: 10 Aug 2018 17:38

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	36.1	54.1
54	60.3	41.4	62.2

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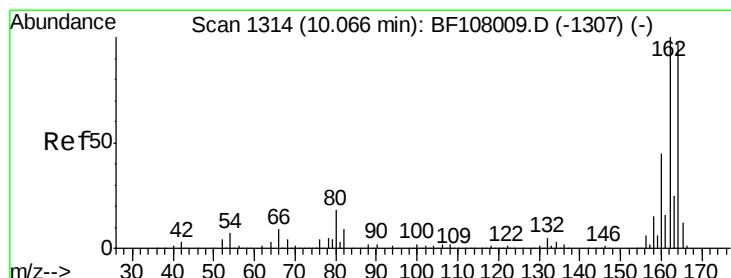
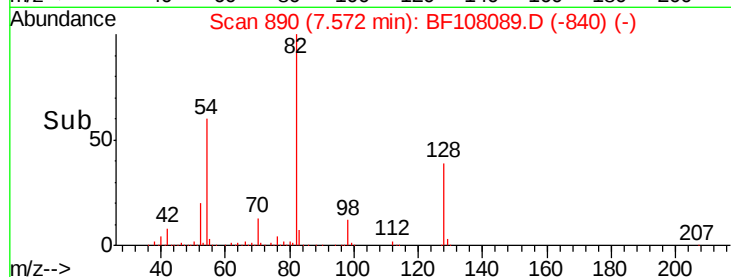
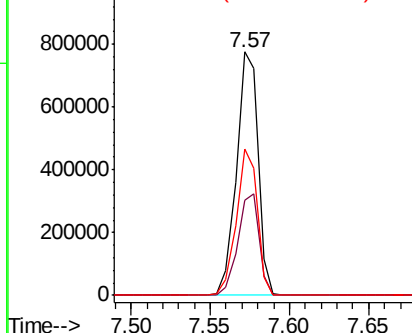


Abundance

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: BF108089.D
 Acq: 10 Aug 2018 17:38

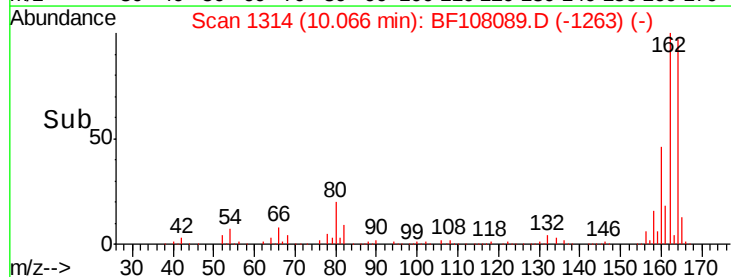
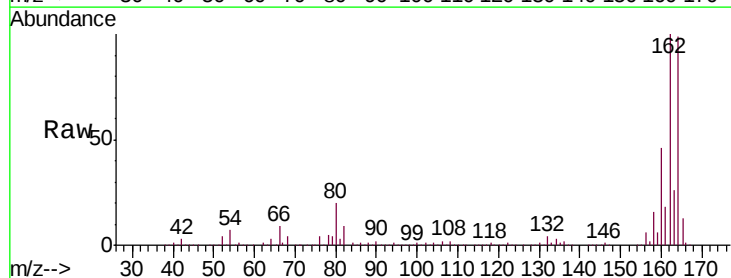
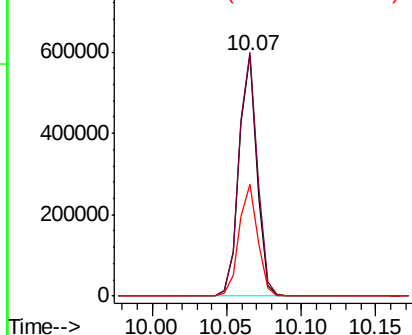
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.2	38.3	57.5

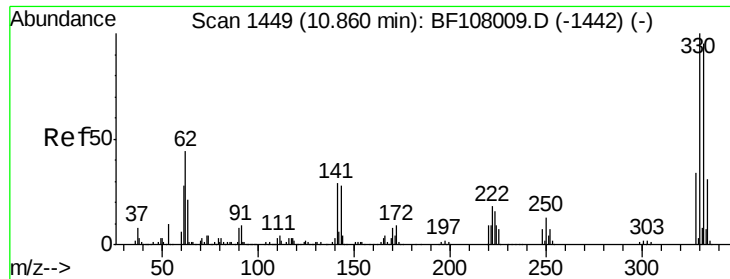
Abundance

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





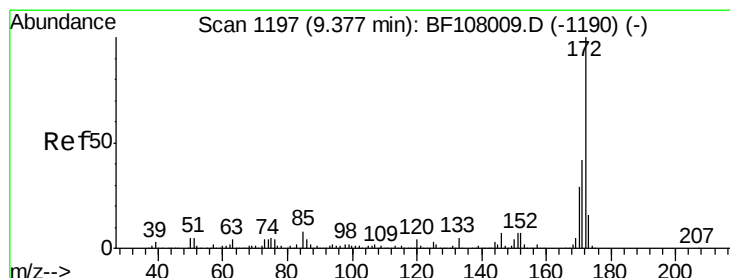
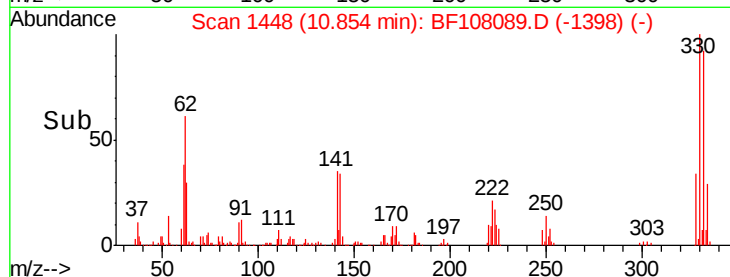
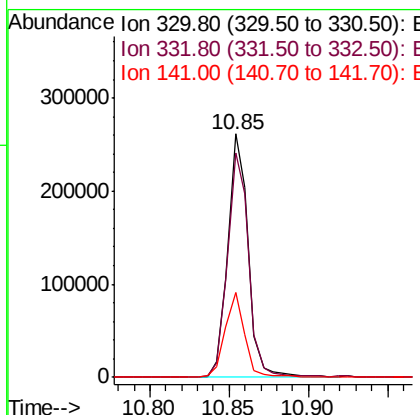
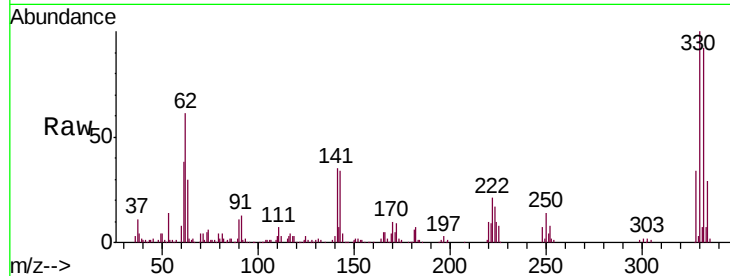
#41
 2,4,6-Tribromophenol
 Concen: 47.086 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108089.D
 Acq: 10 Aug 2018 17:38

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	234117		
332	96.0	77.0	115.6	
141	33.7	29.9	44.9	

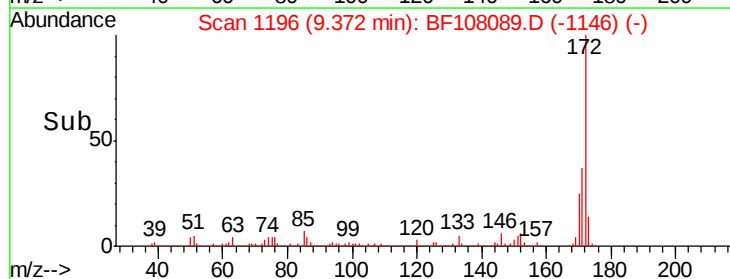
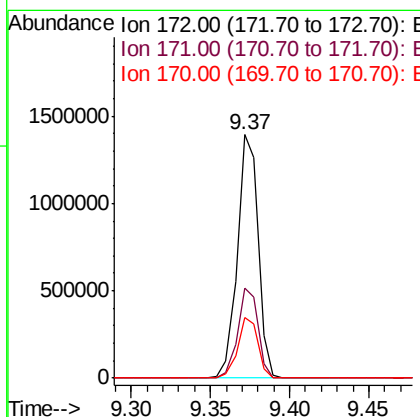
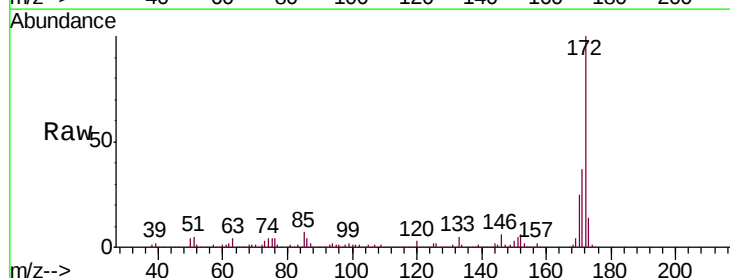
Manual Integrations
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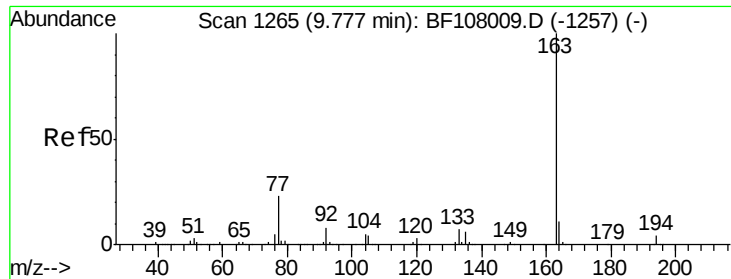
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#44
 2-Fluorobiphenyl
 Concen: 40.840 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108089.D
 Acq: 10 Aug 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1268002		
171	36.9	29.7	44.5	
170	25.1	19.6	29.4	





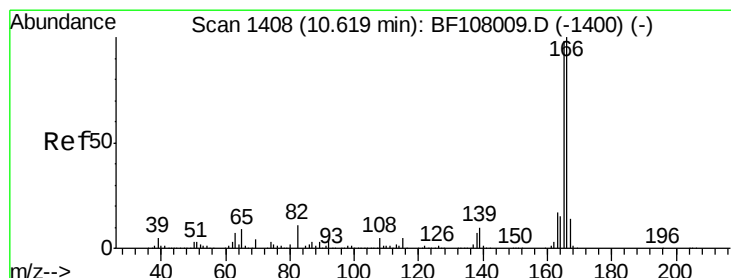
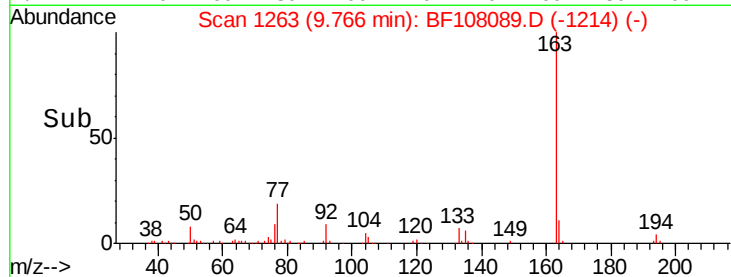
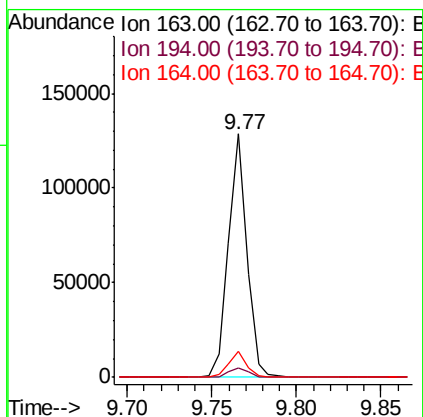
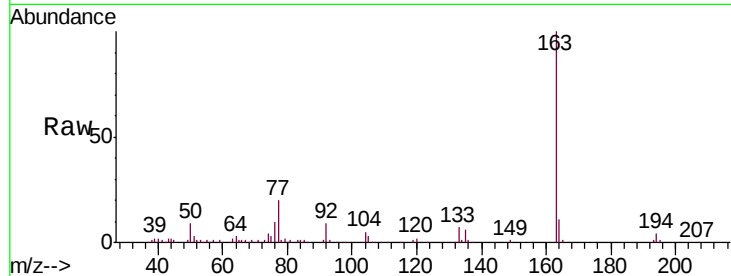
#49
Dimethylphthalate
Concen: 2.821 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108089.D
Acq: 10 Aug 2018 17:38

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.7	8.2	12.2

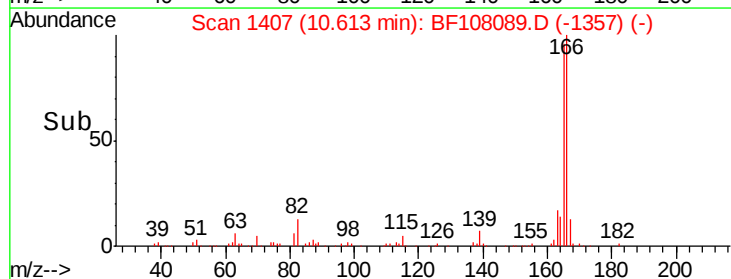
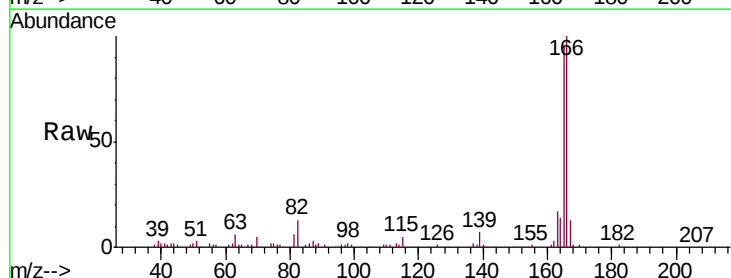
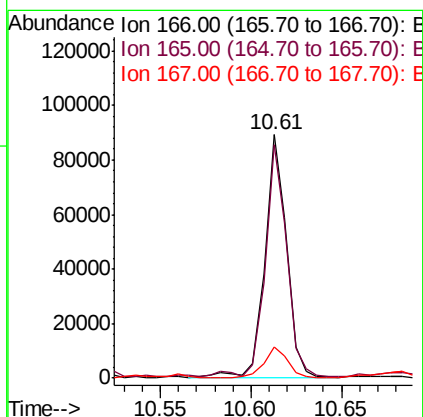
Manual Integrations
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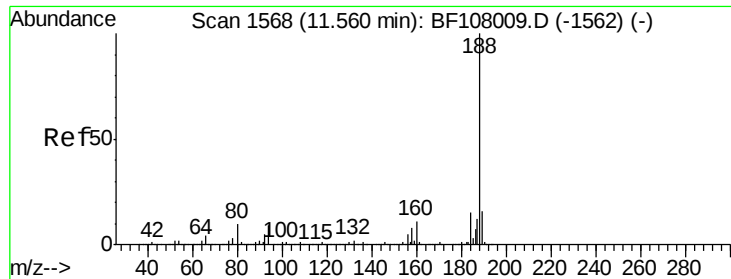
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#57
Fluorene
Concen: 2.268 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108089.D
Acq: 10 Aug 2018 17:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.8	119.8
167	13.0	10.6	16.0





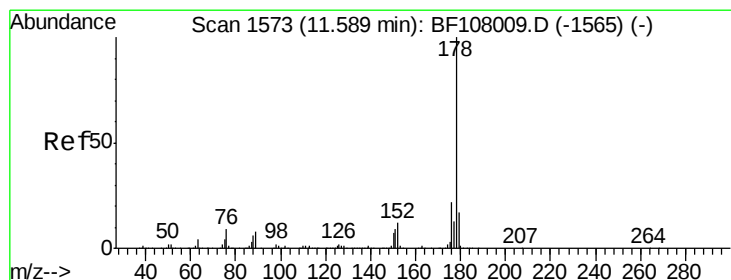
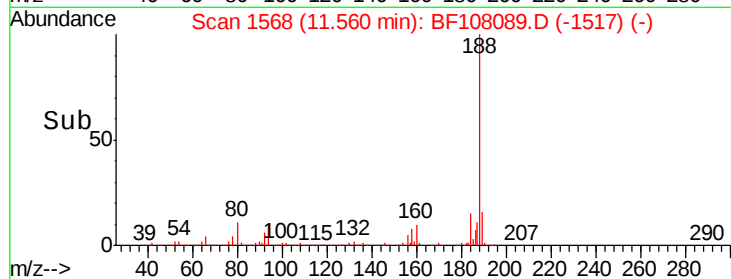
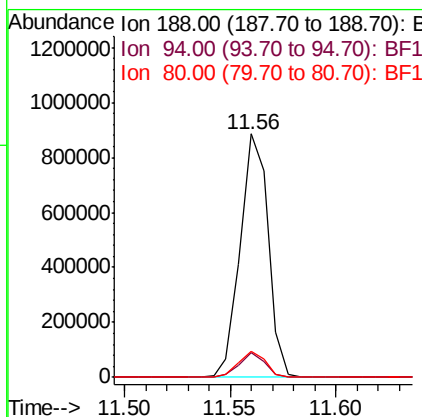
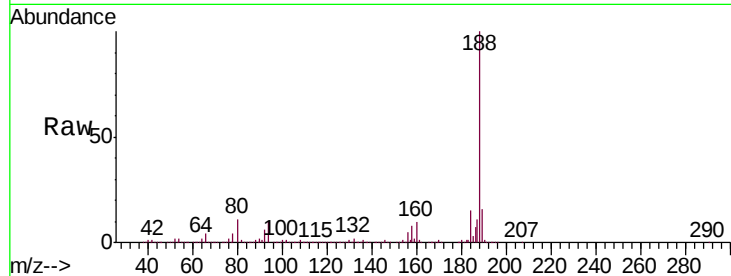
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108089.D
Acq: 10 Aug 2018 17:38

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

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	813352		
94	10.1		8.5	12.7
80	10.8		9.2	13.8

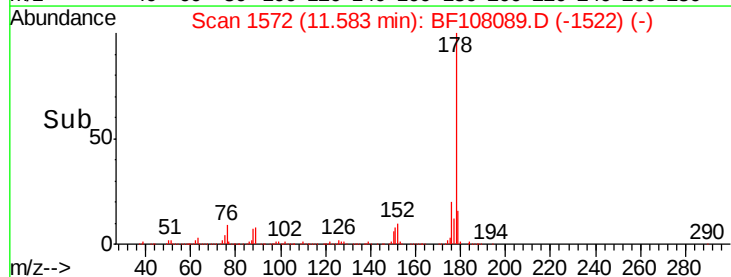
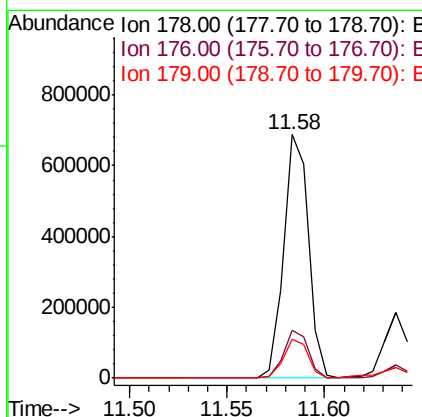
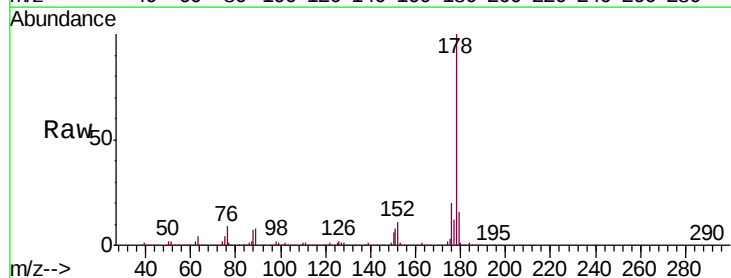
Manual Integrations
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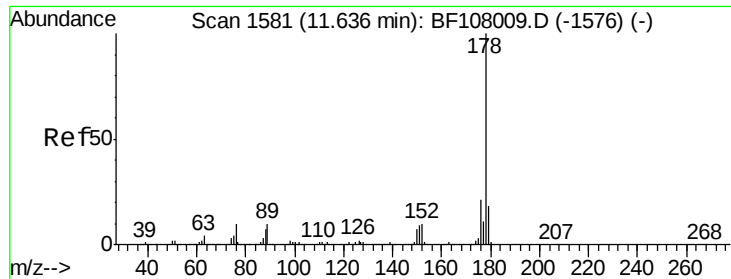
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#70
Phenanthrene
Concen: 15.753 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108089.D
Acq: 10 Aug 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	604323		
176	19.7		15.8	23.8
179	16.0		13.0	19.6





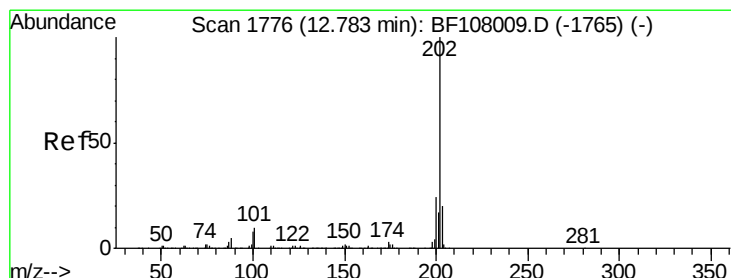
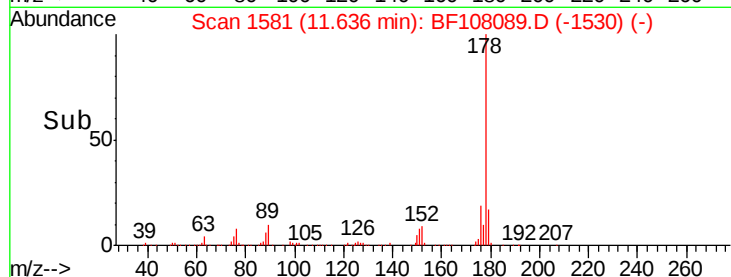
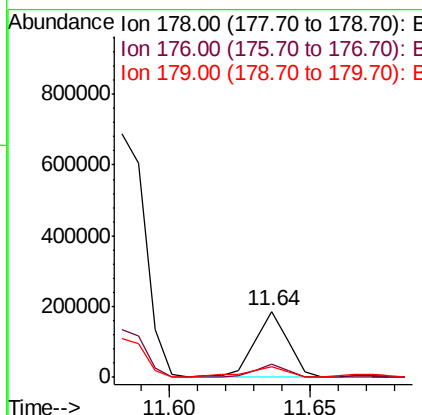
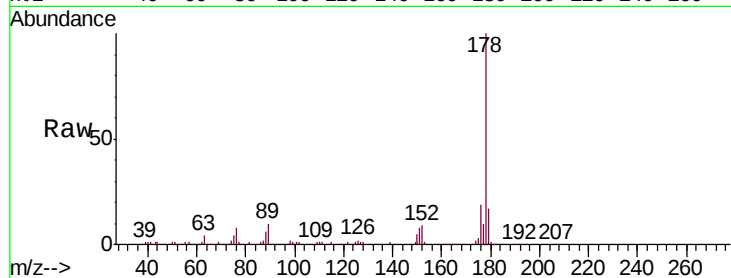
#71
 Anthracene
 Concen: 3.813 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108089.D
 Acq: 10 Aug 2018 17:38

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.7	12.6	19.0

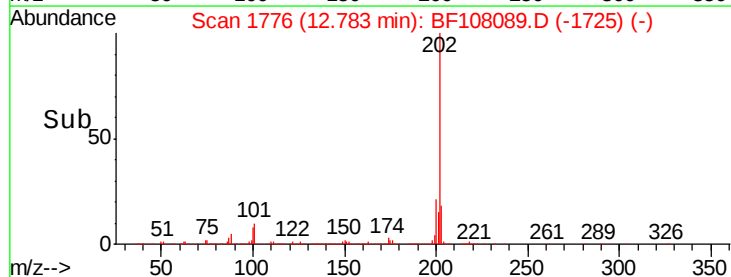
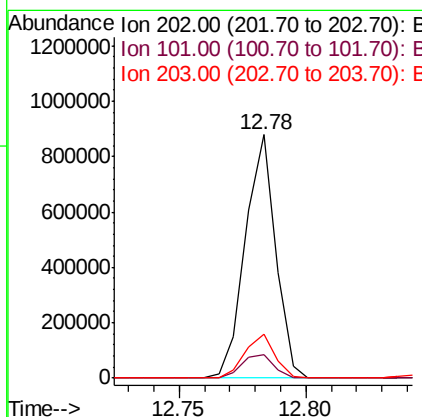
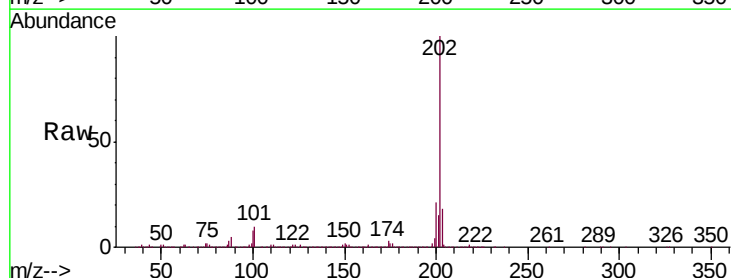
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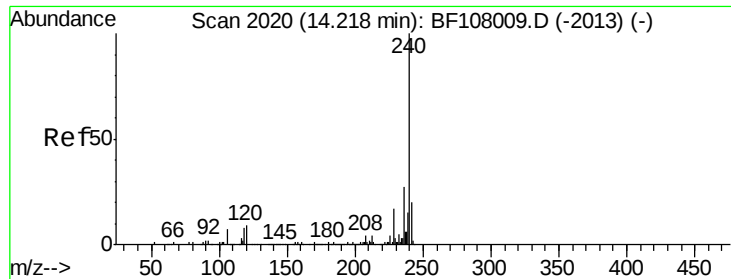
Sohil
 8/13/2018 3:52:01 PM



#74
 Fluoranthene
 Concen: 17.498 ng
 RT: 12.78 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF108089.D
 Acq: 10 Aug 2018 17:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108089.D

Acq: 10 Aug 2018 17:38

Instrument :

BNA_F

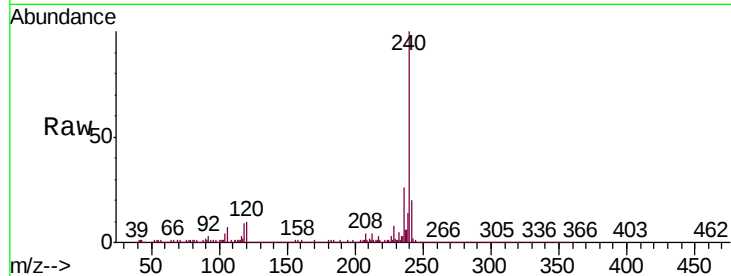
ClientSampleId :

JC-03-080918-E

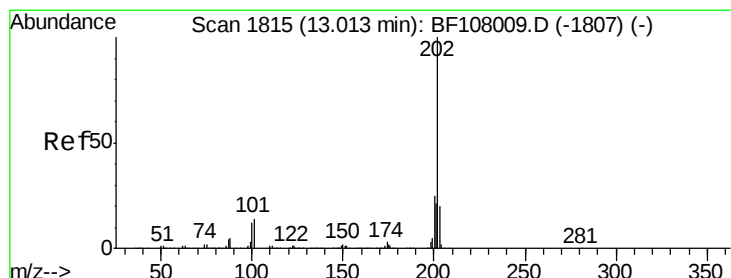
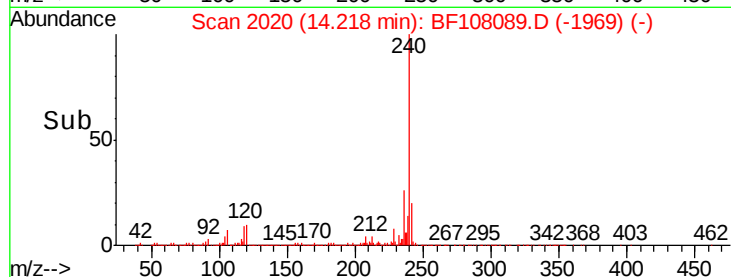
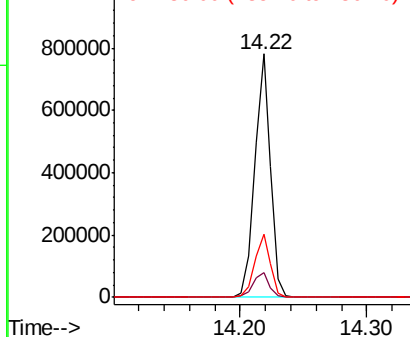
Tgt Ion:	240	Resp:	674991
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	25.9	20.7	31.1

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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: 14.969 ng

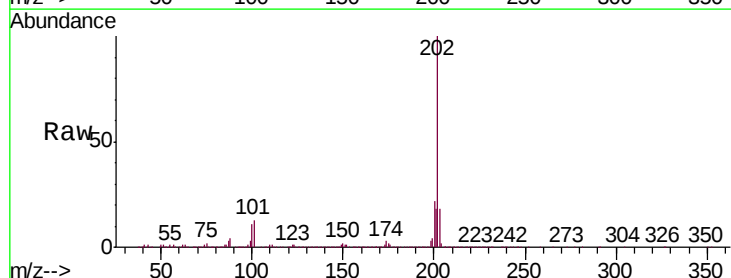
RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

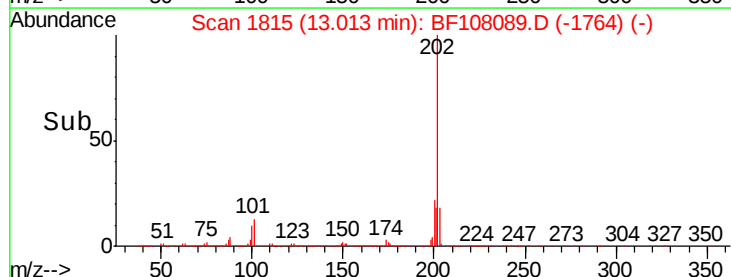
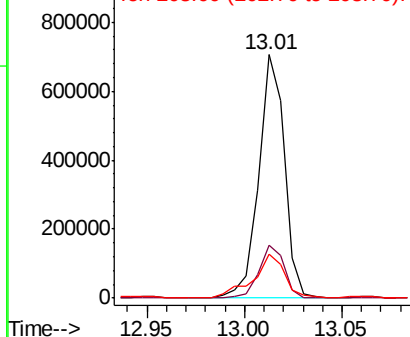
Lab File: BF108089.D

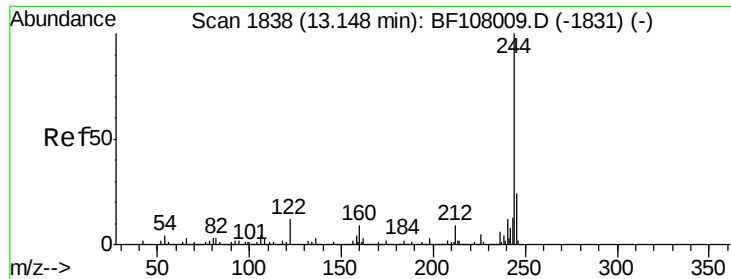
Acq: 10 Aug 2018 17:38

Tgt Ion:	202	Resp:	639701
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.9	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





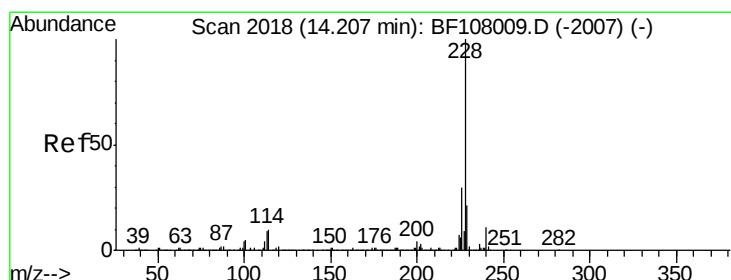
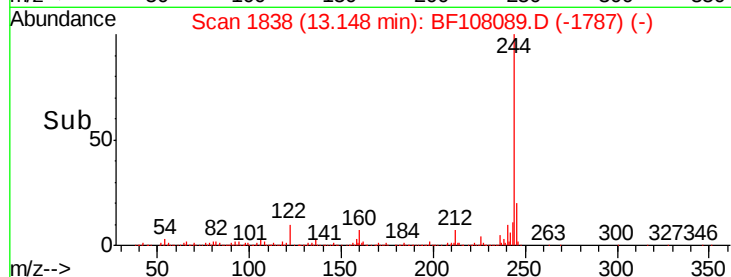
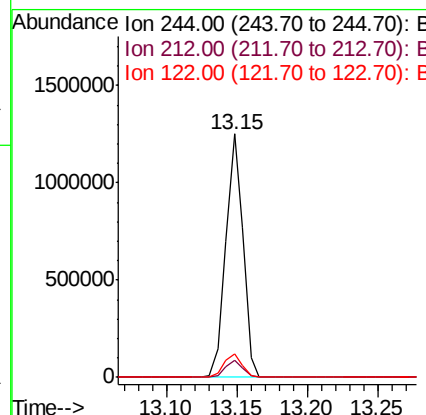
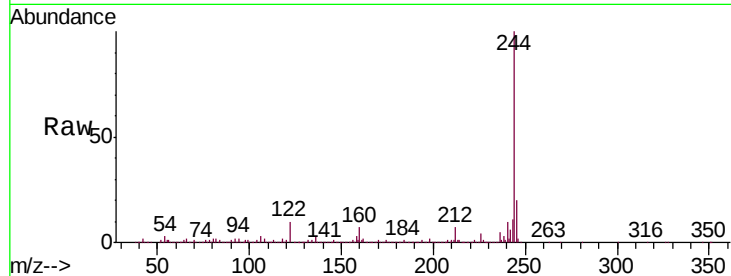
#78
 Terphenyl-d14
 Concen: 39.747 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108089.D
 Acq: 10 Aug 2018 17:38

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

Tgt Ion:244 Resp: 1055191
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.8 11.0 16.4#

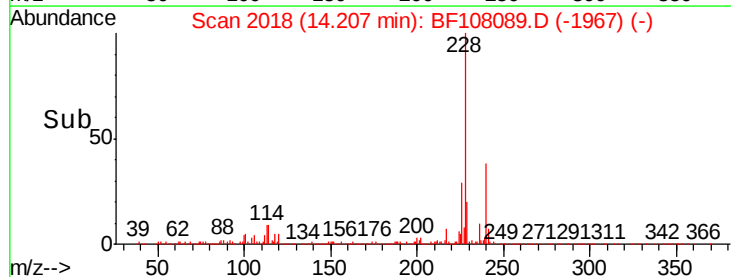
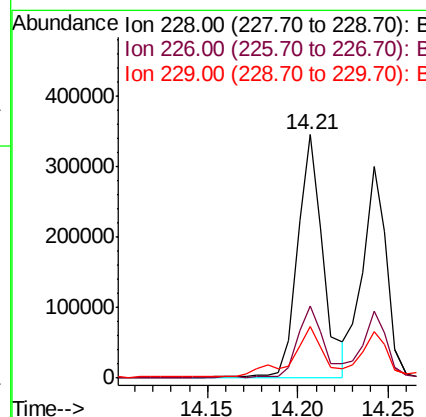
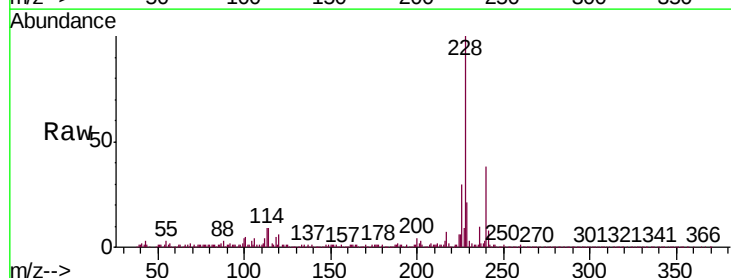
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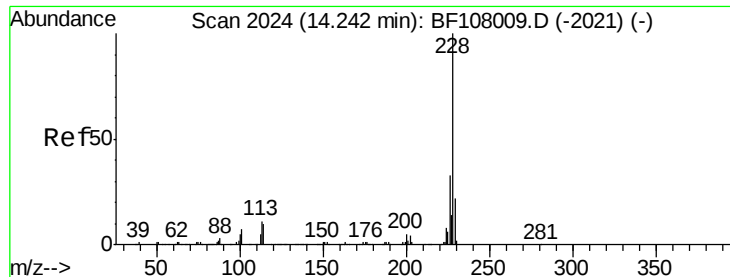
Sohil
 8/13/2018 3:52:01 PM



#80
 Benzo(a)anthracene
 Concen: 8.749 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF108089.D
 Acq: 10 Aug 2018 17:38

Tgt Ion:228 Resp: 338926
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.6 33.8
 229 21.0 15.8 23.6





#82

Chrysene

Concen: 7.733 ng

RT: 14.24 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF108089.D

Acq: 10 Aug 2018 17:38

Instrument :

BNA_F

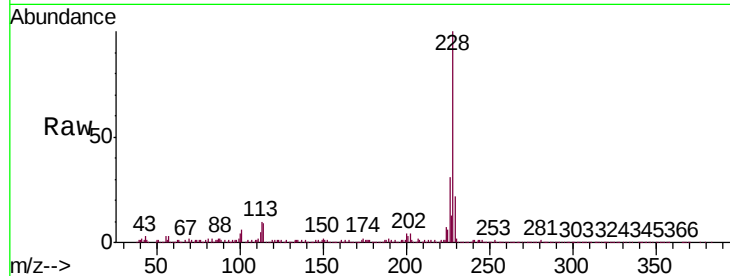
ClientSampleId :

JC-03-080918-E

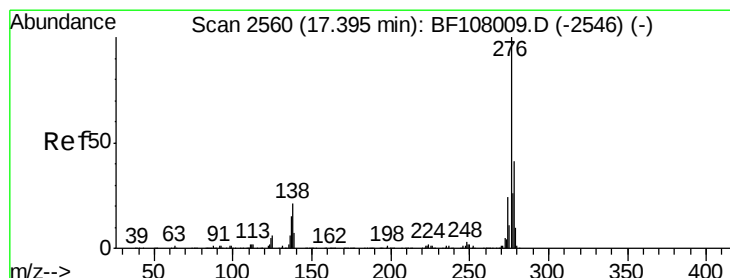
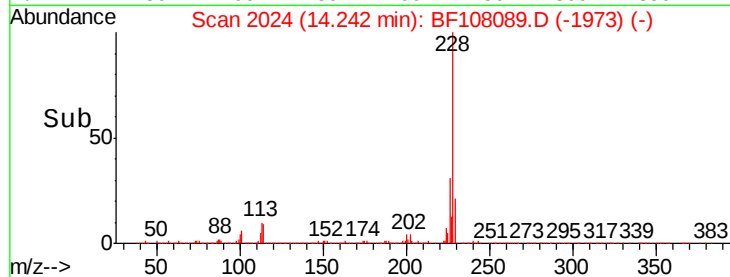
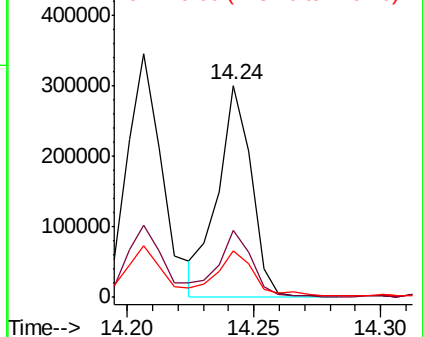
Tgt Ion:	228	Resp:	274628
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.6
229	22.3	16.2	24.4

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.283 ng

RT: 17.41 min Scan# 2562

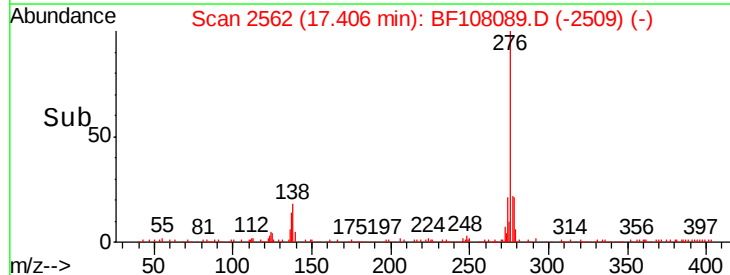
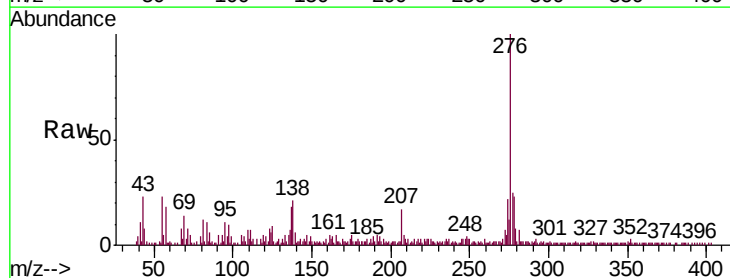
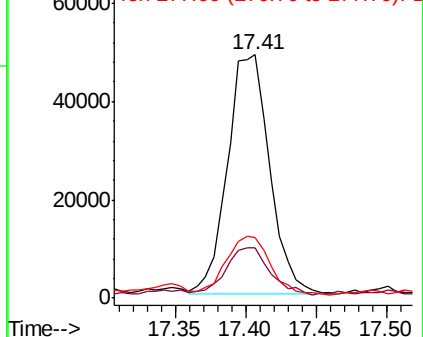
Delta R.T. 0.01 min

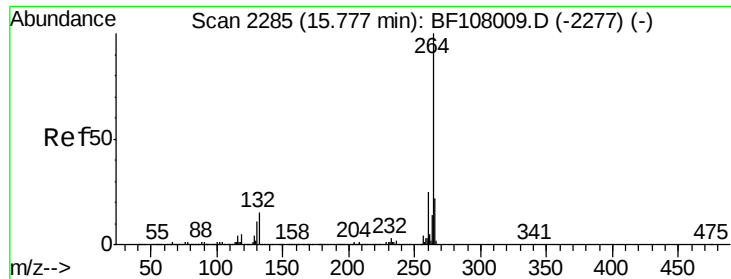
Lab File: BF108089.D

Acq: 10 Aug 2018 17:38

Tgt Ion:	276	Resp:	101020
Ion Ratio	Lower	Upper	
276	100		
138	21.0	25.0	37.6#
277	25.7	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.79 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF108089.D

Acq: 10 Aug 2018 17:38

Instrument :

BNA_F

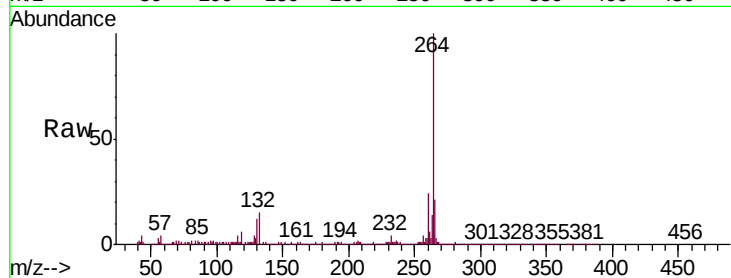
ClientSampleId :

JC-03-080918-E

Tgt Ion:	264	Resp:	608116
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3

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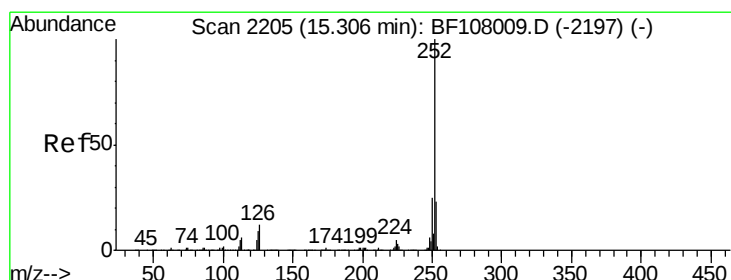
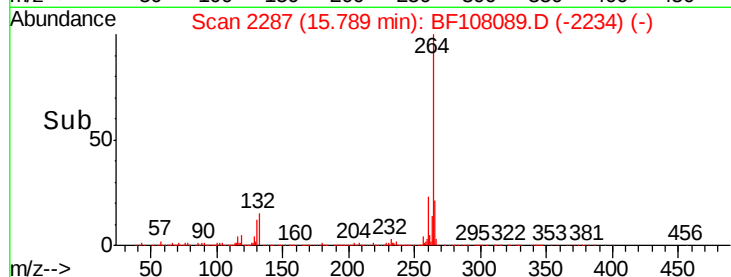
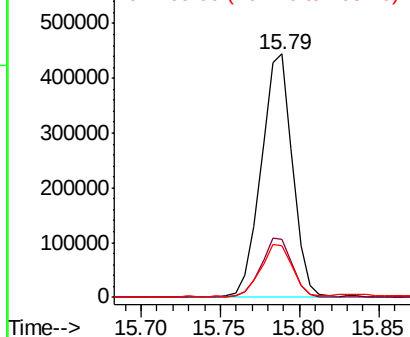


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 9.291 ng m

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108089.D

Acq: 10 Aug 2018 17:38

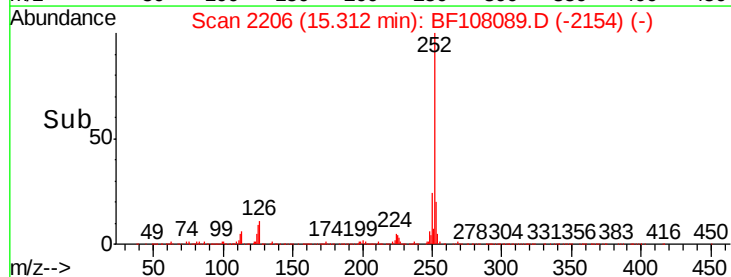
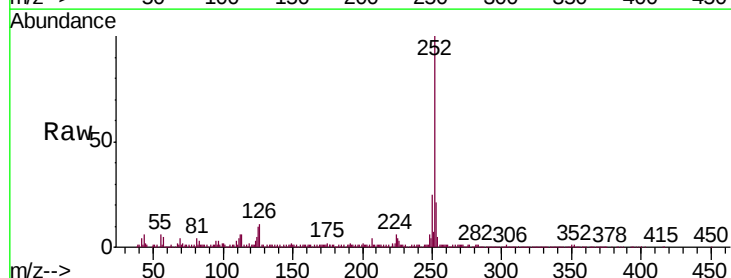
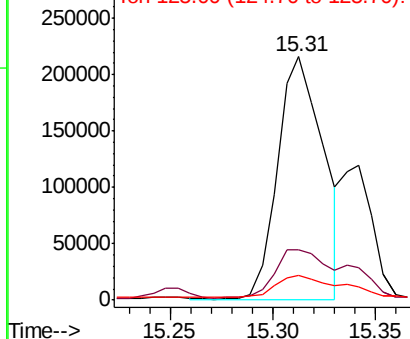
Tgt Ion:	252	Resp:	337614
Ion Ratio		Lower	Upper
252	100		
253	20.9	17.0	25.6
125	10.1	9.0	13.6

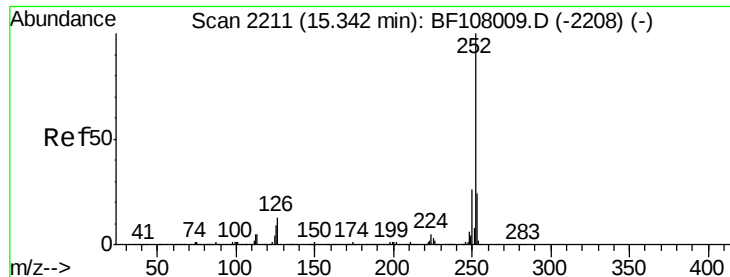
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





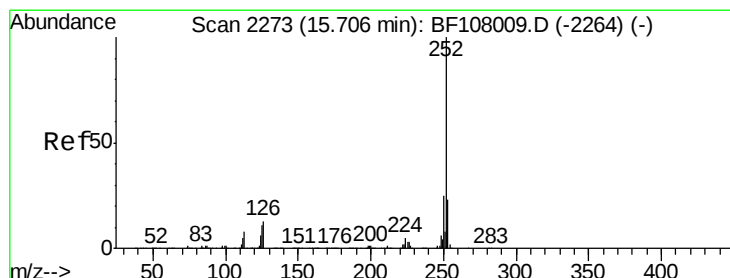
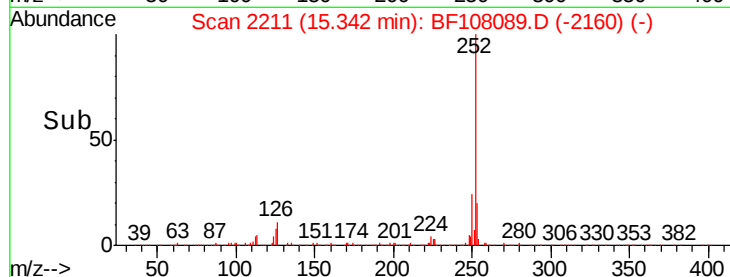
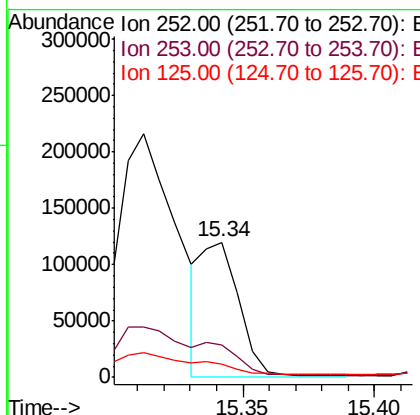
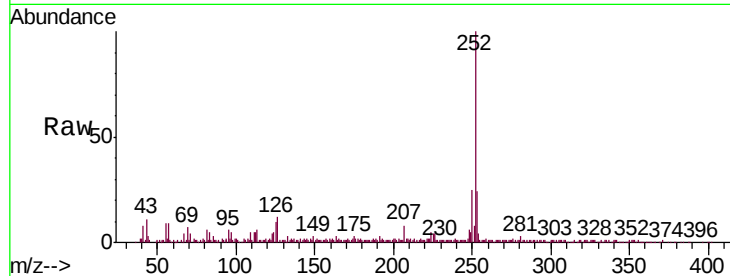
#88
Benzo(k)fluoranthene
Concen: 3.627 ng m
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108089.D
Acq: 10 Aug 2018 17:38

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

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	121159		
253	23.9	17.9	26.9	
125	10.2	10.2	15.2	

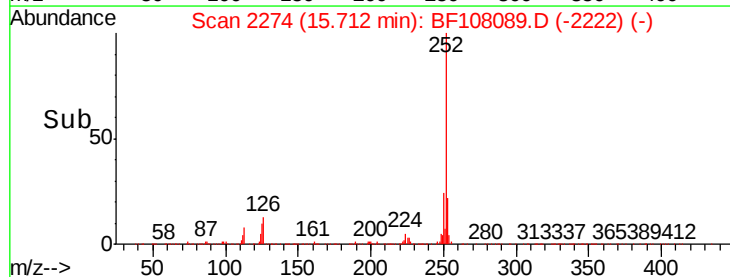
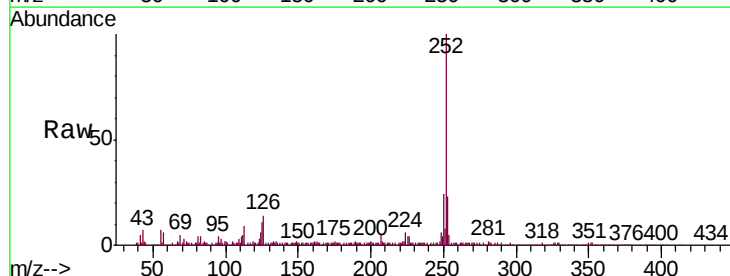
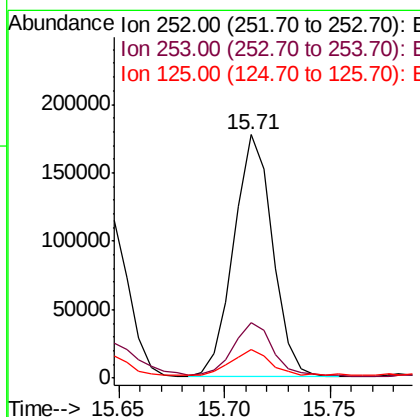
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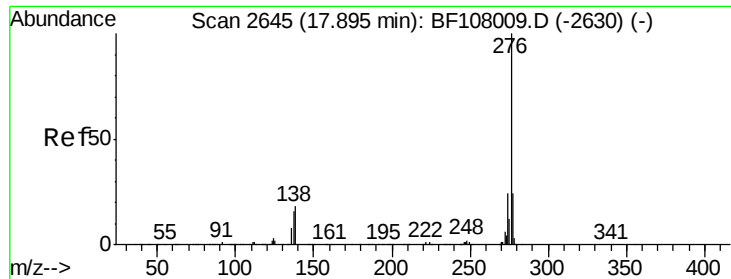
Sohil
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#89
Benzo(a)pyrene
Concen: 6.918 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108089.D
Acq: 10 Aug 2018 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	225115		
253	22.9	17.1	25.7	
125	11.5	9.8	14.6	





#91
 Benzo(g,h,i)perylene
 Concen: 3.364 ng
 RT: 17.90 min Scan# 2646
 Delta R.T. 0.01 min
 Lab File: BF108089.D
 Acq: 10 Aug 2018 17:38

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	19.5	21.8	32.8#

Manual Integrations
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