

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108113.D
 Acq On : 13 Aug 2018 13:55
 Operator : JU/SJ
 Sample : J4272-11 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Aug 13 16:11:52 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	264471	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	993575	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	487270	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	857961	20.00	ng	0.01
75) Chrysene-d12	14.23	240	667215	20.00	ng	0.01
86) Perylene-d12	15.82	264	693969	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	737678	50.50	ng	0.00
7) Phenol-d6	6.63	99	1023715	52.74	ng	0.00
23) Nitrobenzene-d5	7.58	82	644995	36.22	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	245443	50.50	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1102697	36.33	ng	0.00
78) Terphenyl-d14	13.16	244	972041	37.04	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.77	163	91491	2.695	ng	Qvalue # 99
70) Phenanthrene	11.59	178	127523	3.151	ng	97
74) Fluoranthene	12.79	202	250923	5.682	ng	97
77) Pyrene	13.02	202	236536	5.600	ng	99
80) Benzo(a)anthracene	14.22	228	129710	3.387	ng	97
82) Chrysene	14.25	228	108793	3.099	ng	97
87) Benzo(b)fluoranthene	15.34	252	148674m	3.585	ng	
89) Benzo(a)pyrene	15.74	252	114179	3.075	ng	92

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

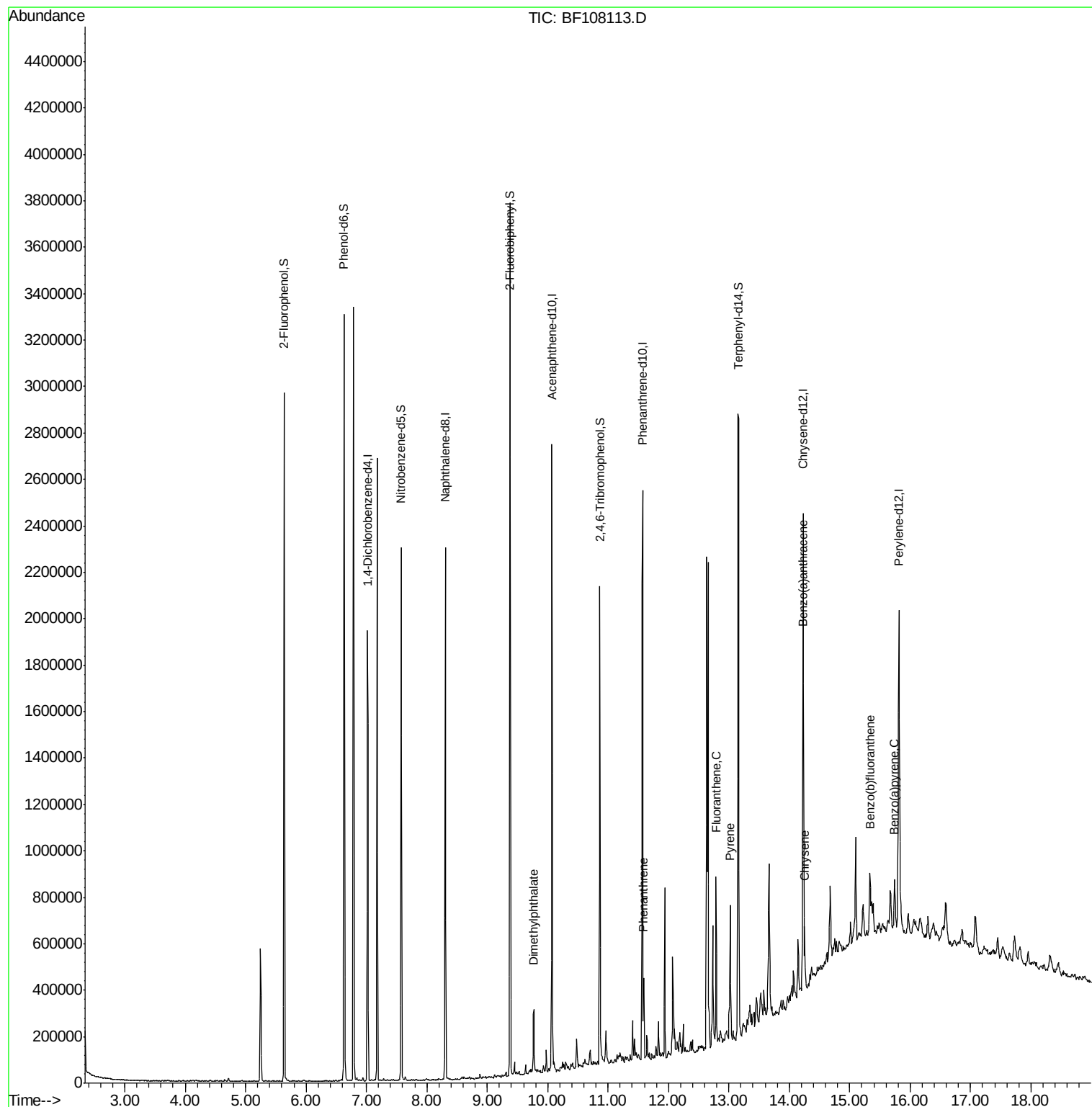
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108113.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

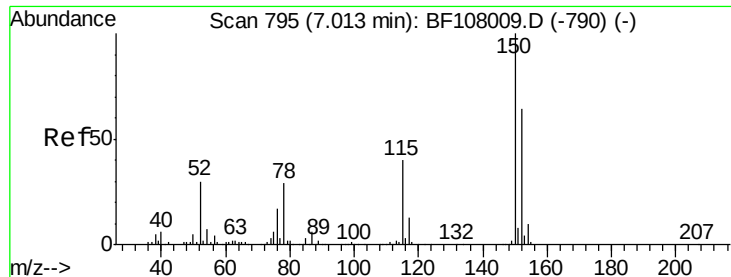
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-F

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#1

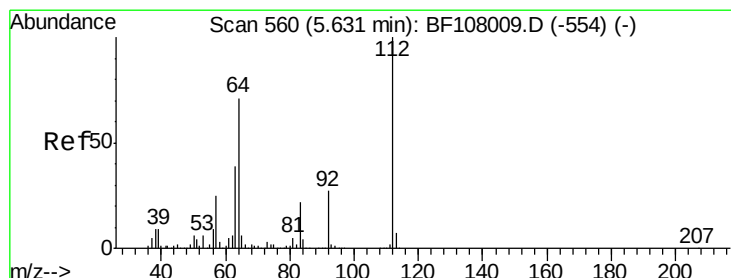
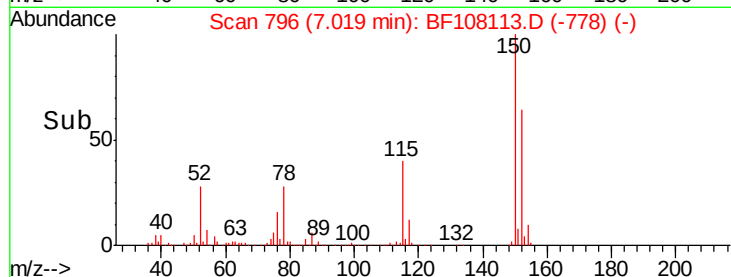
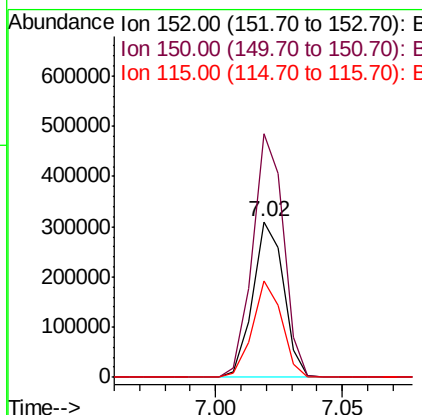
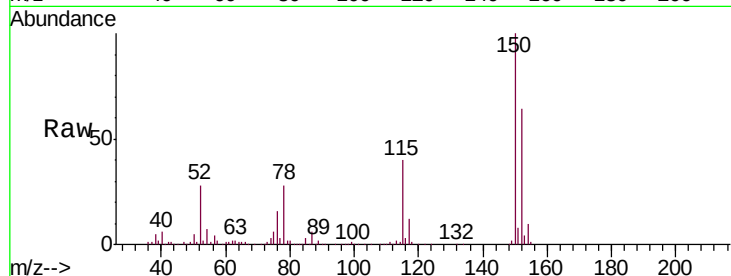
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	264471		
150	156.4	124.6	186.8	
115	62.1	50.1	75.1	

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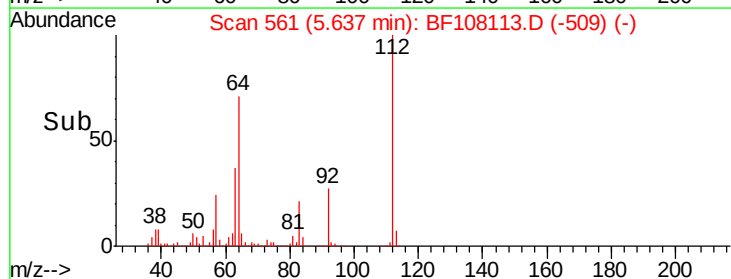
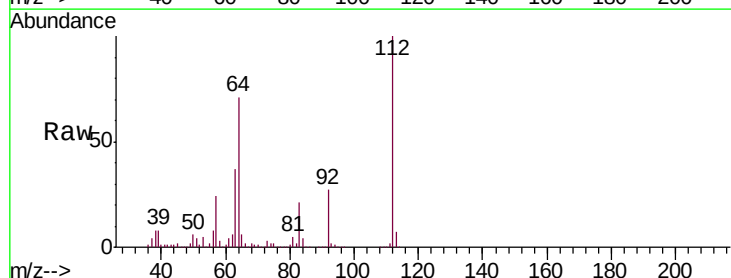
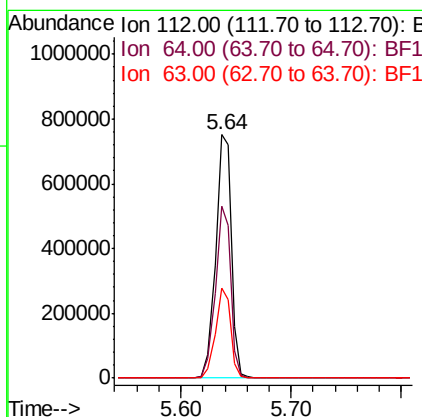
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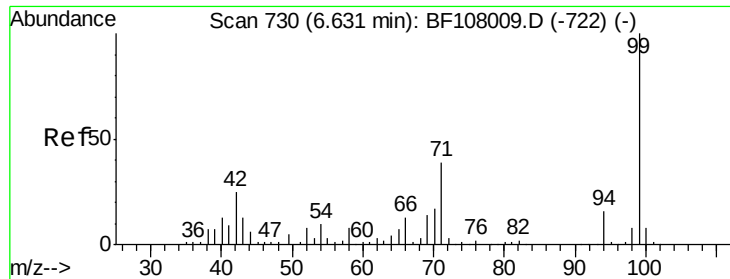


#5

2-Fluorophenol
Concen: 50.498 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	737678		
64	70.7	47.9	71.9	
63	36.9	23.7	35.5	





#7

Phenol-d6

Concen: 52.736 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-F

Tgt Ion: 99 Resp: 1023715

Ion Ratio Lower Upper

99 100

42 24.0 14.5 21.7#

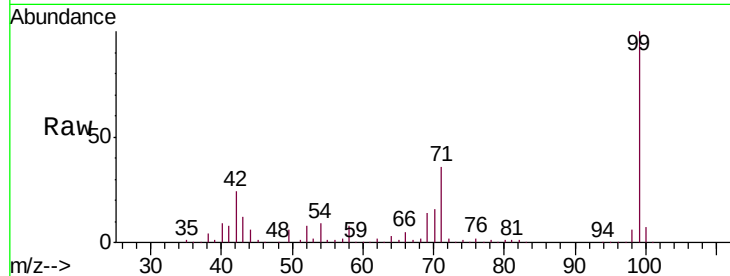
71 36.2 25.4 38.0

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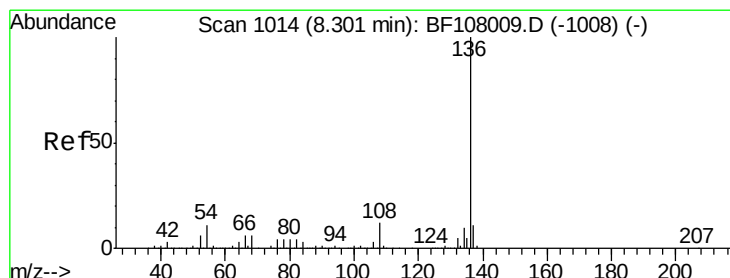
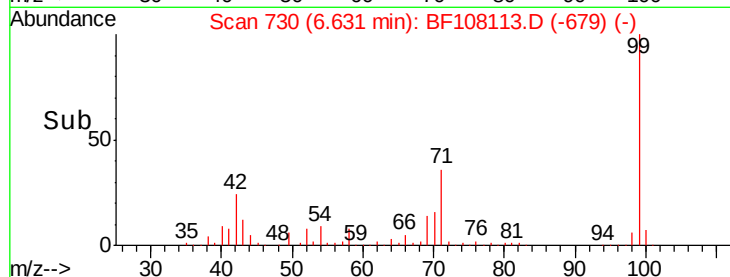
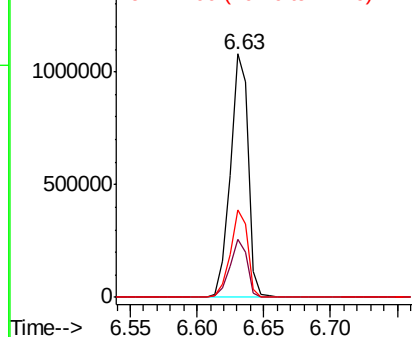
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Tgt Ion: 136 Resp: 993575

Ion Ratio Lower Upper

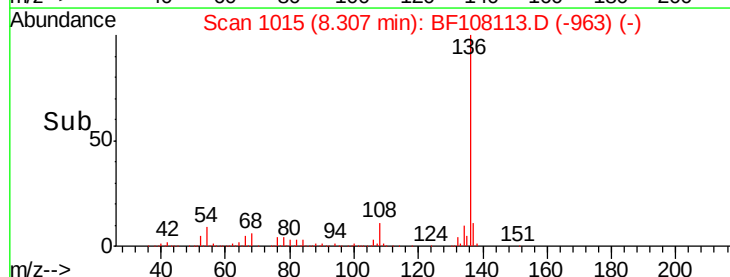
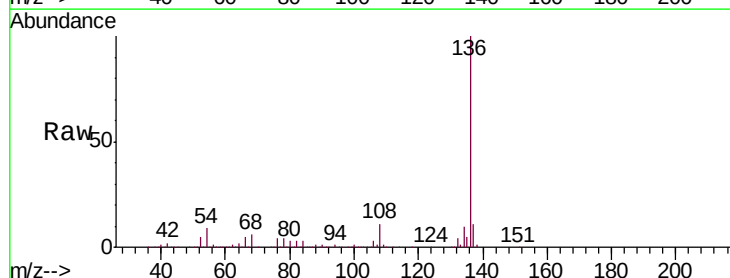
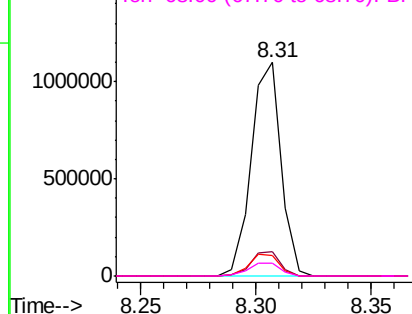
136 100

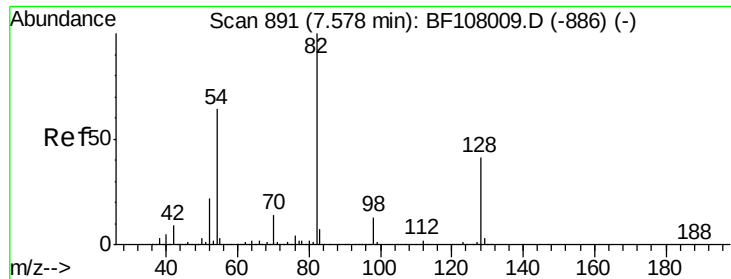
137 11.4 8.9 13.3

54 9.5 6.6 9.8

68 6.2 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





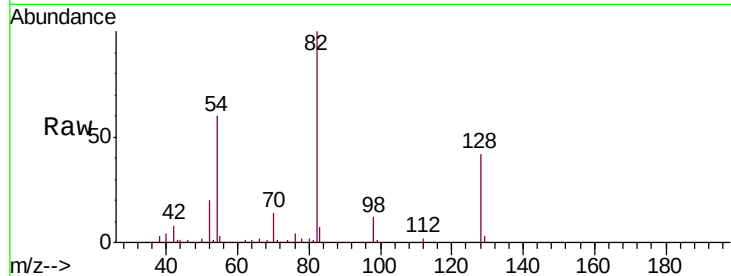
#23
Nitrobenzene-d5
Concen: 36.224 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	644995		
128	41.9	36.1	54.1	
54	60.1	41.4	62.2	

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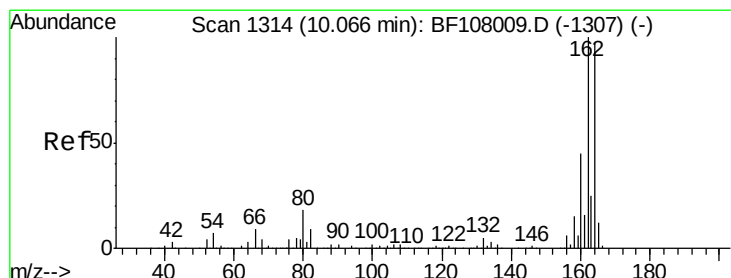
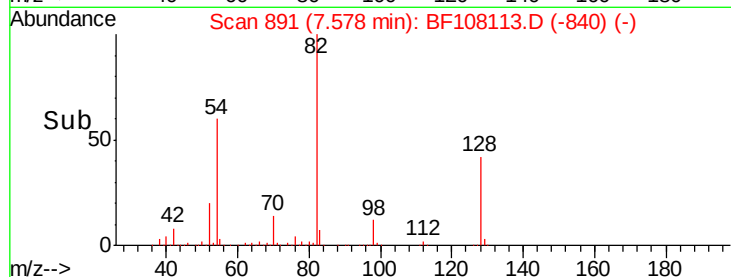
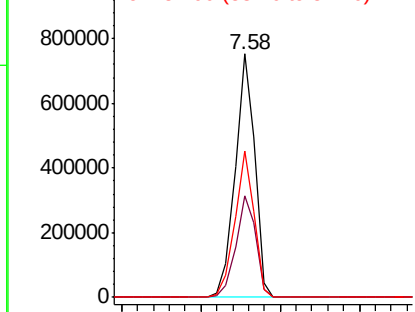


Abundance

Ion 82.00 (81.70 to 82.70): BF1

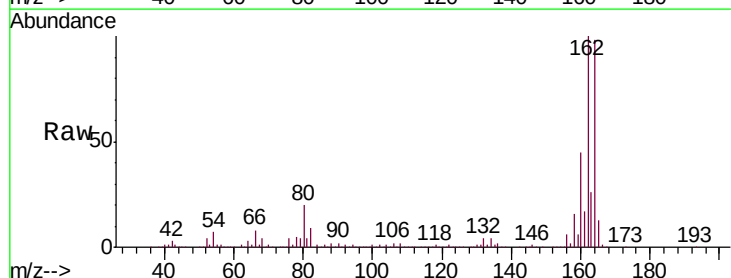
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	487270		
162	101.8	86.1	129.1	
160	46.2	38.3	57.5	

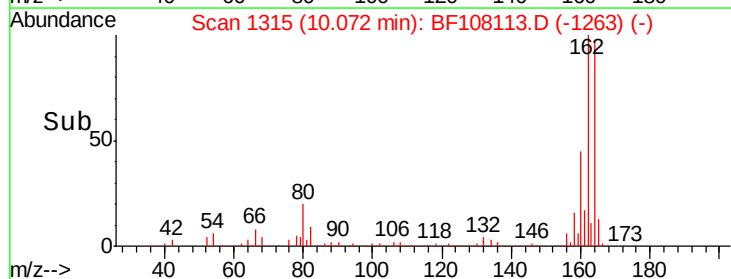
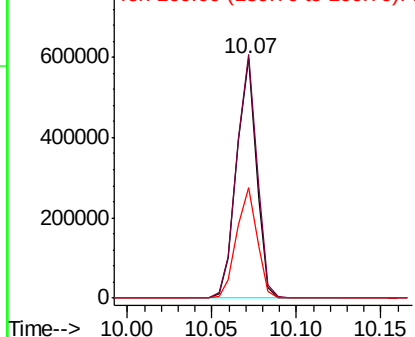


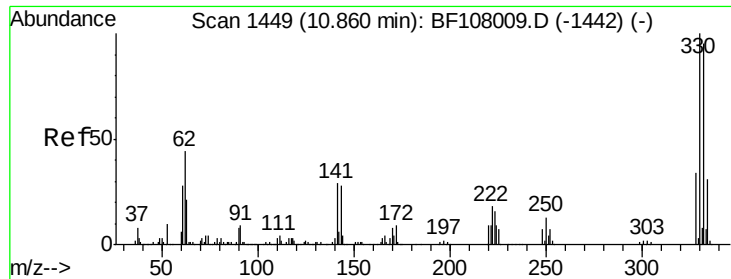
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





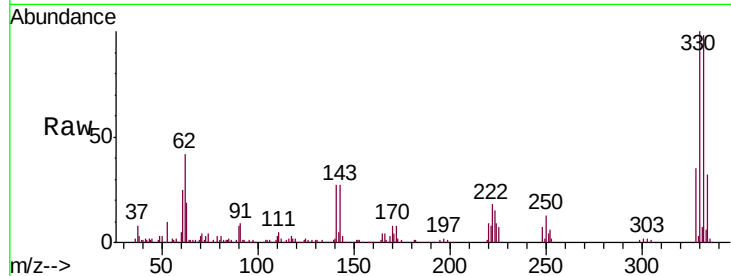
#41
 2,4,6-Tribromophenol
 Concen: 50.499 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108113.D
 Acq: 13 Aug 2018 13:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	245443		
332	97.0	77.0	115.6	
141	33.0	29.9	44.9	

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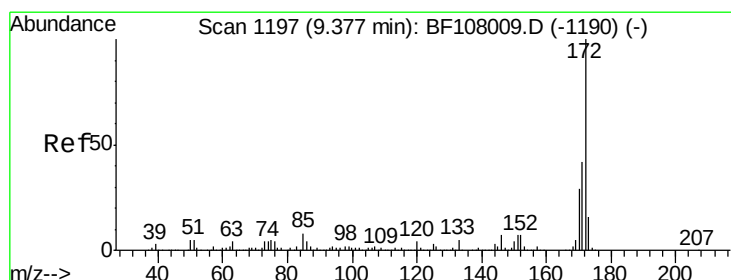
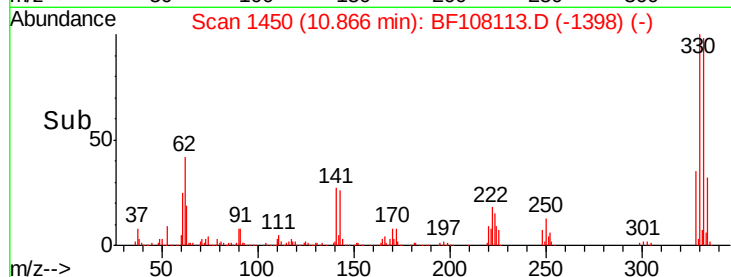
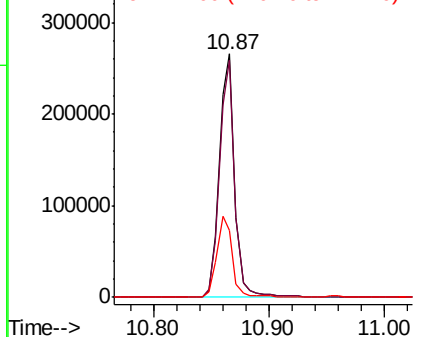


Abundance

Ion 329.80 (329.50 to 330.50): E

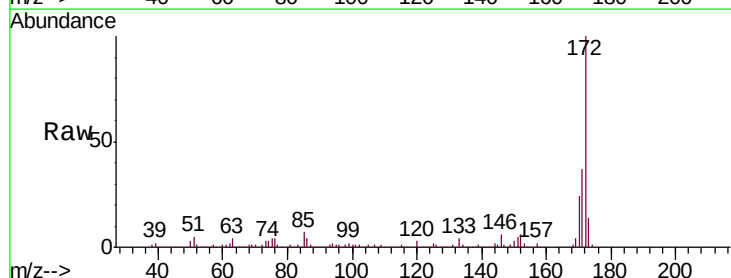
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 36.332 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108113.D
 Acq: 13 Aug 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1102697		
171	36.7	29.7	44.5	
170	24.3	19.6	29.4	

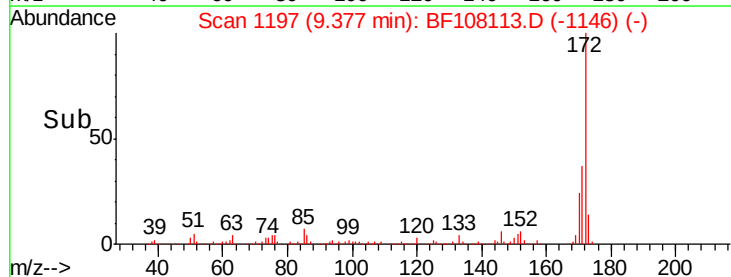
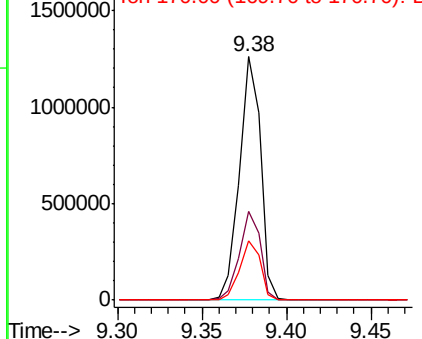


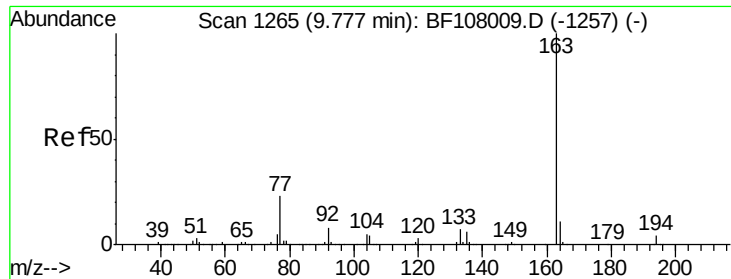
Abundance

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





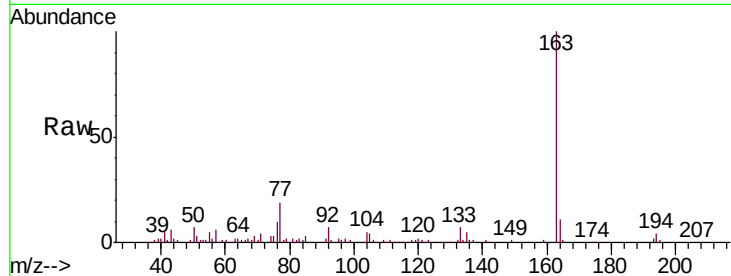
#49
Dimethylphthalate
Concen: 2.695 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

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

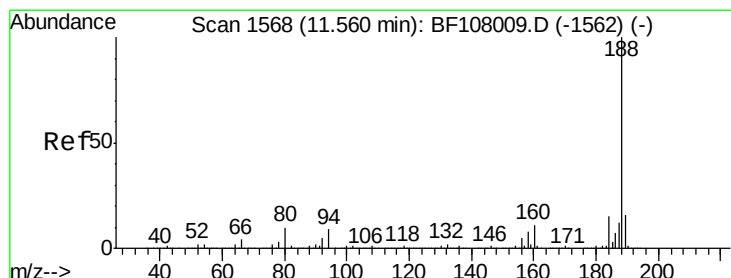
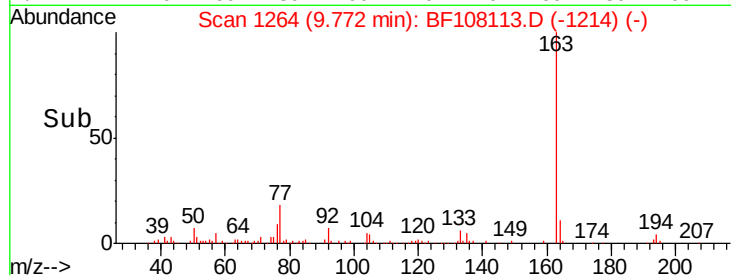
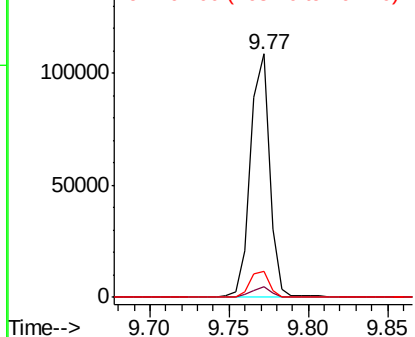
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	91491		
194	4.4	2.7	4.1#	
164	10.6	8.2	12.2	

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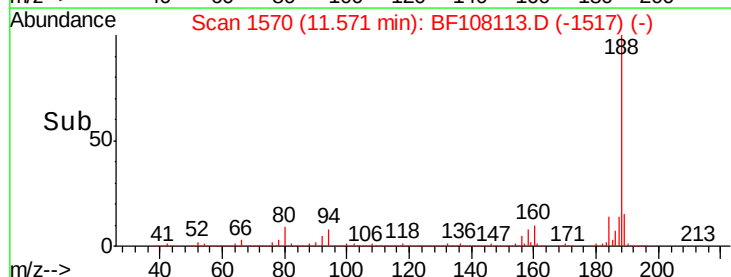
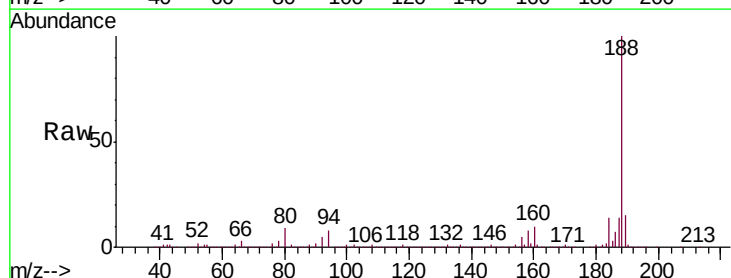
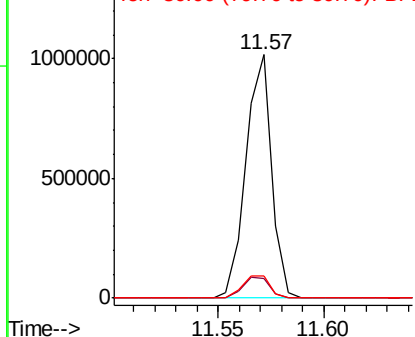
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

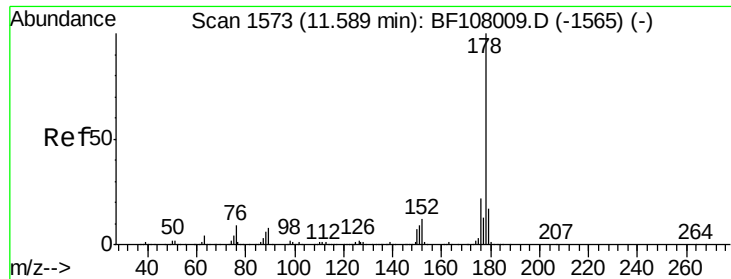


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	857961		
94	8.1	8.5	12.7#	
80	8.9	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: 3.151 ng

RT: 11.59 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Instrument :

BNA_F

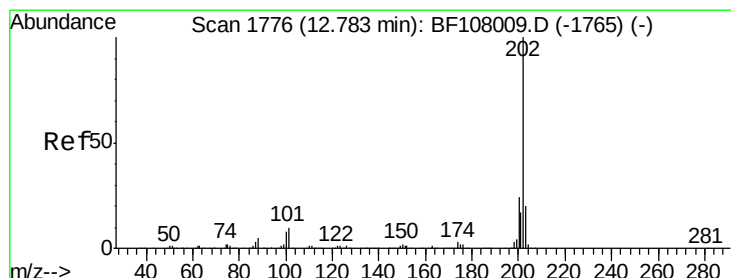
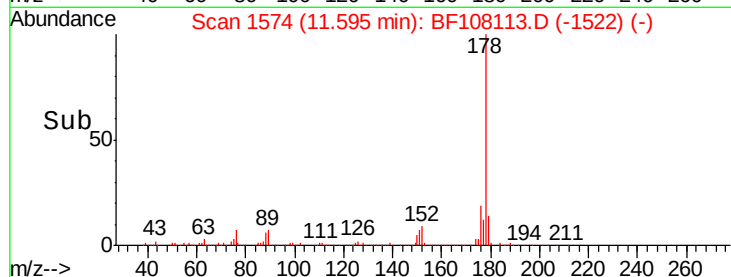
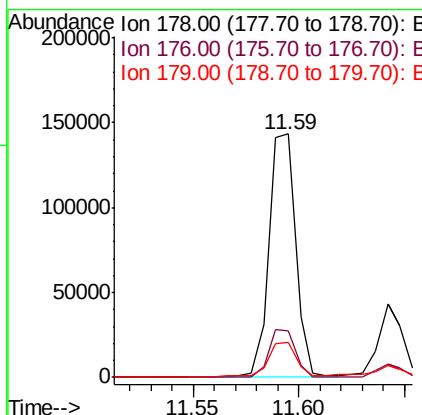
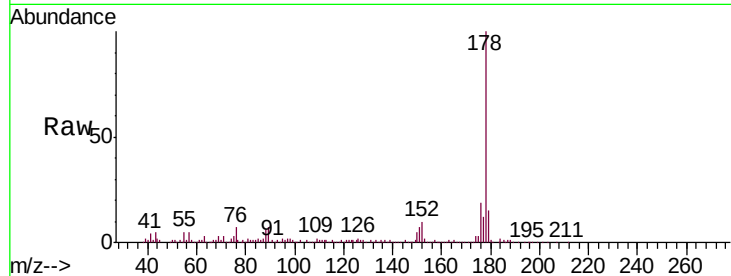
ClientSampleId :

JC-03-080918-F

Tgt Ion:	178	Resp:	127523
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.8
179	14.6	13.0	19.6

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#74

Fluoranthene

Concen: 5.682 ng

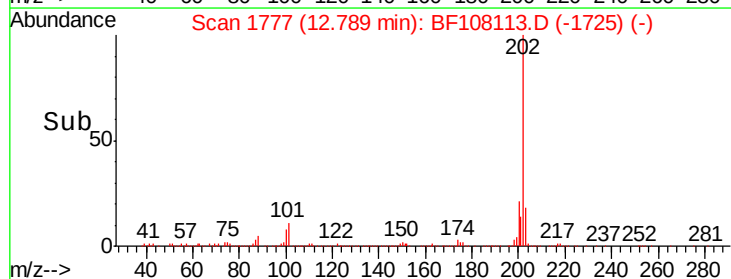
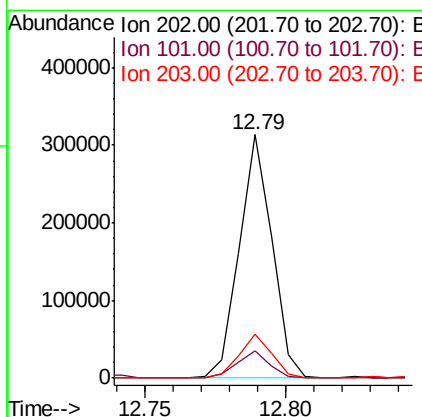
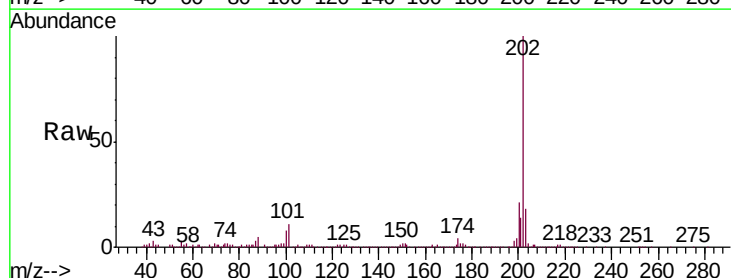
RT: 12.79 min Scan# 1777

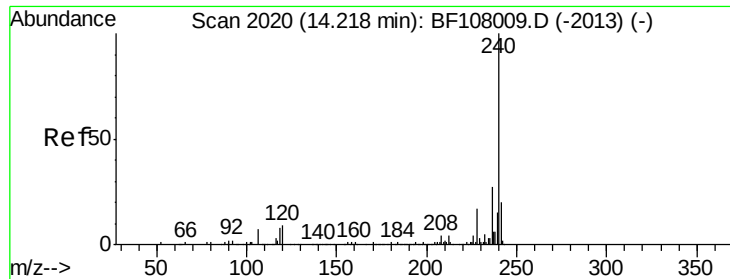
Delta R.T. 0.01 min

Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Tgt Ion:	202	Resp:	250923
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.23 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Instrument :

BNA_F

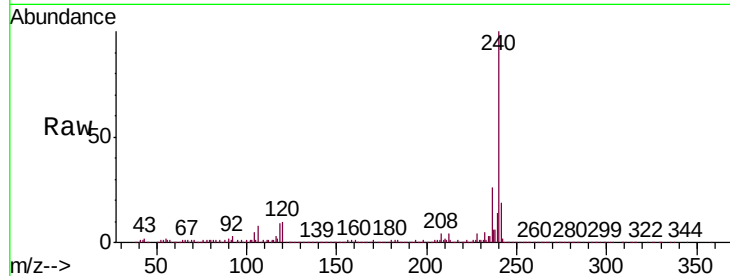
ClientSampleId :

JC-03-080918-F

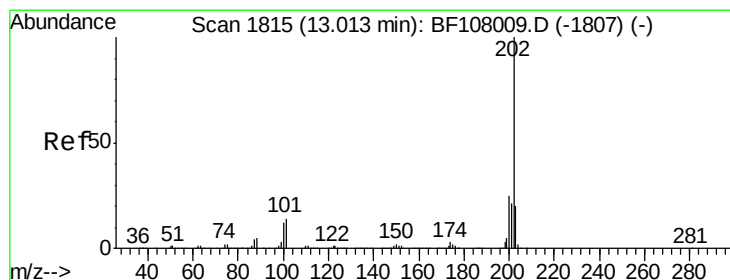
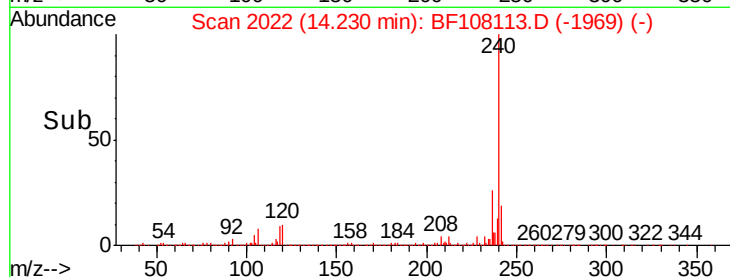
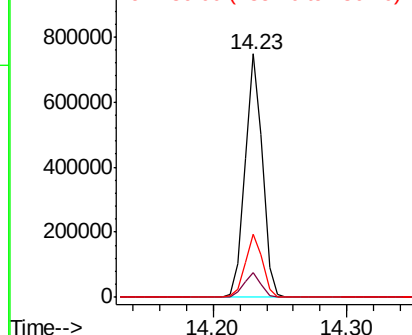
Tgt Ion:	240	Resp:	667215
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.0	20.7	31.1

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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: 5.600 ng

RT: 13.02 min Scan# 1817

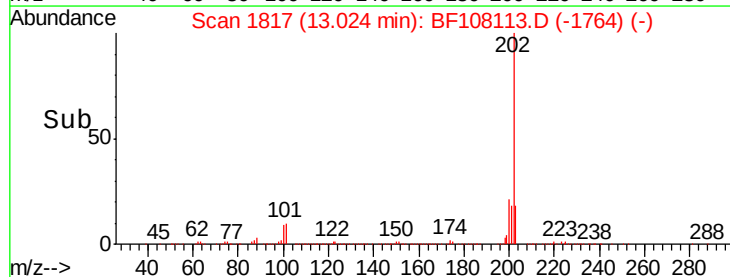
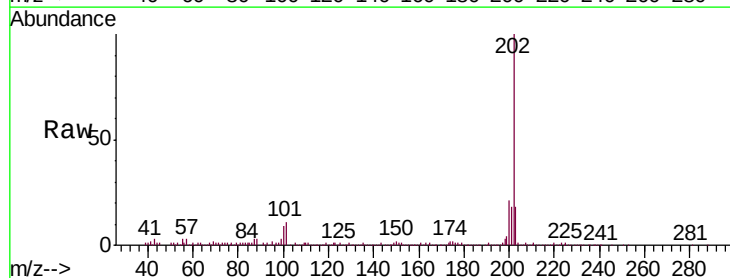
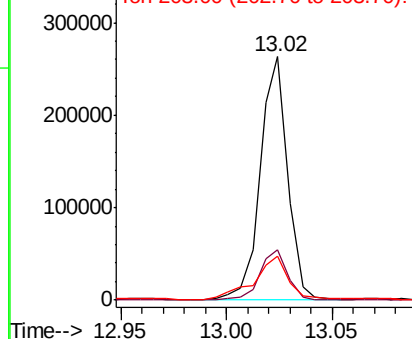
Delta R.T. 0.01 min

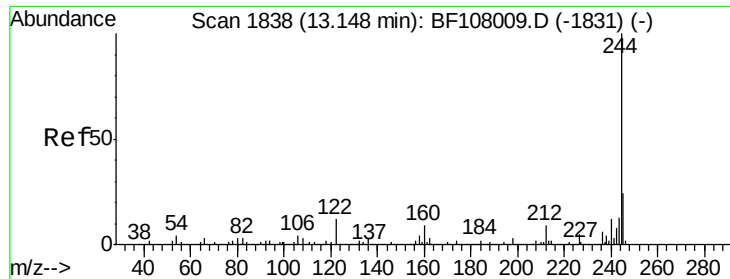
Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Tgt Ion:	202	Resp:	236536
Ion Ratio	Lower	Upper	
202	100		
200	20.9	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: 37.042 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Instrument :

BNA_F

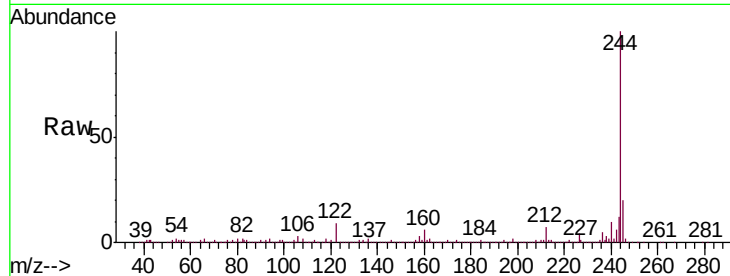
ClientSampleId :

JC-03-080918-F

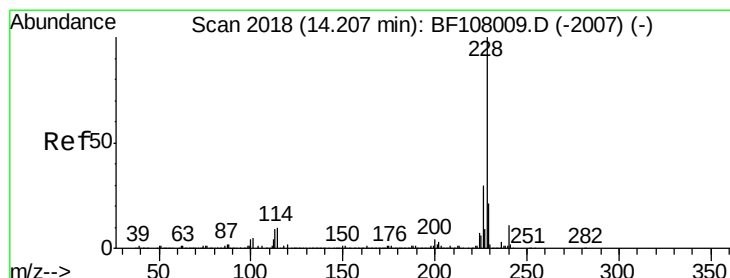
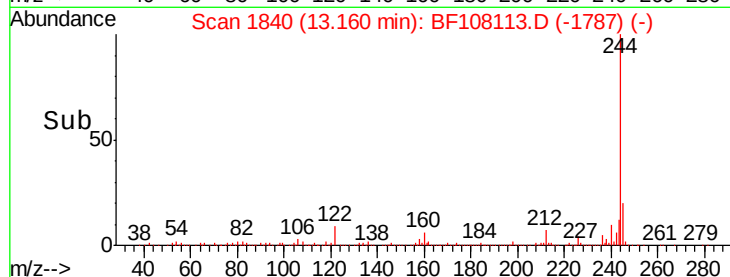
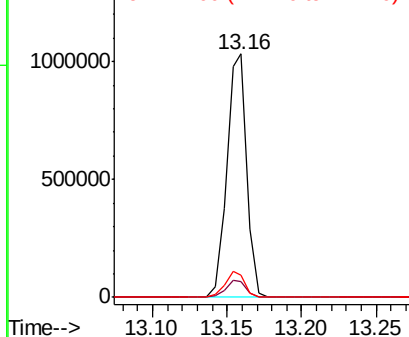
Tgt Ion:	244	Resp:	972041
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.0	11.0	16.4#

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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: 3.387 ng

RT: 14.22 min Scan# 2020

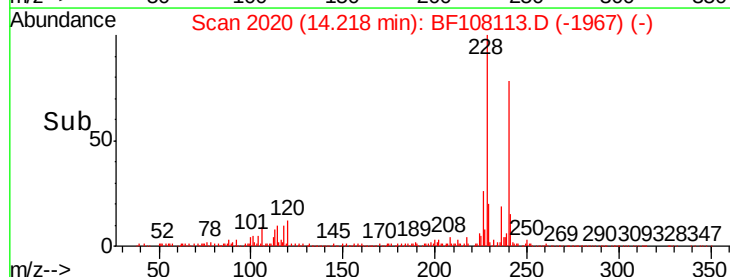
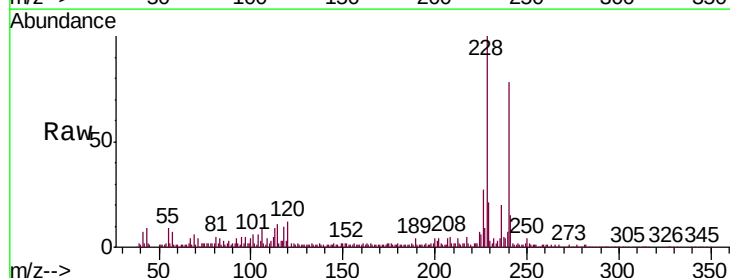
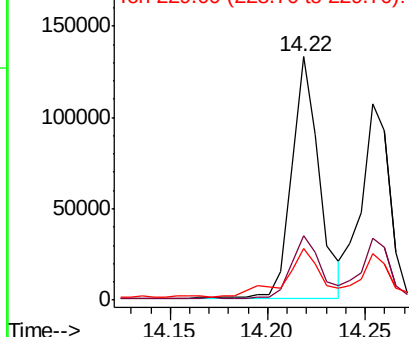
Delta R.T. 0.01 min

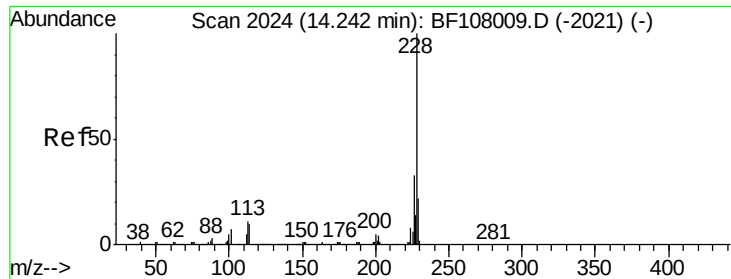
Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Tgt Ion:	228	Resp:	129710
Ion Ratio		Lower	Upper
228	100		
226	26.7	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





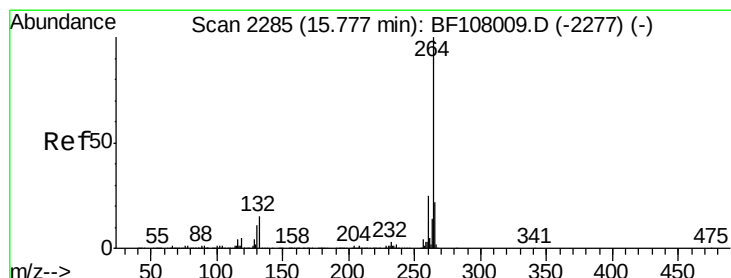
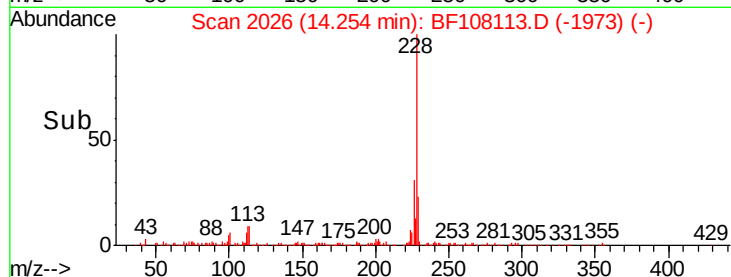
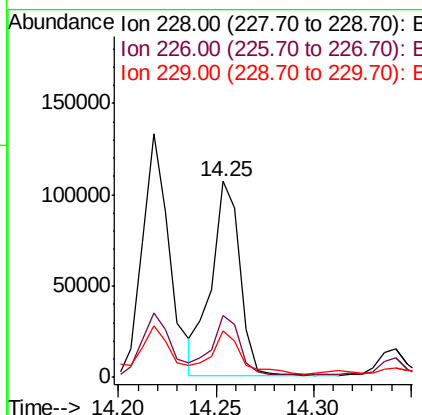
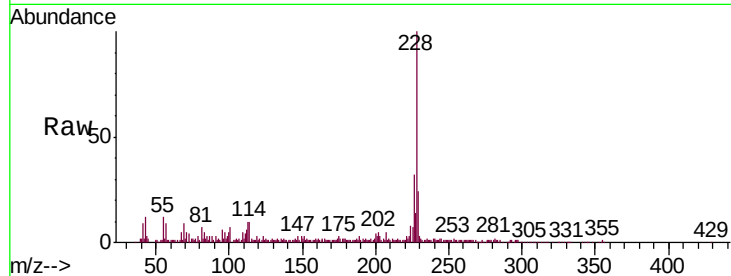
#82
Chrysene
Concen: 3.099 ng
RT: 14.25 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	108793		
226	31.6	25.0	37.6	
229	23.6	16.2	24.4	

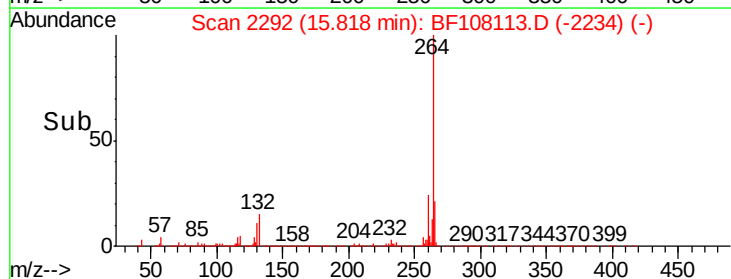
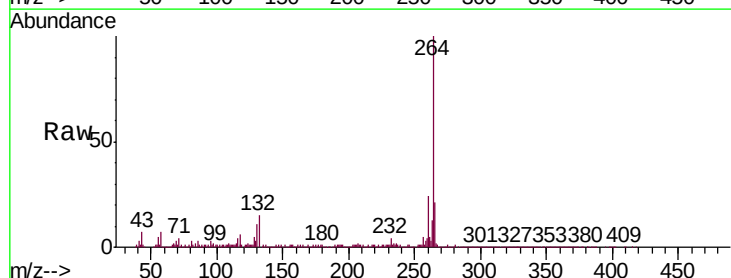
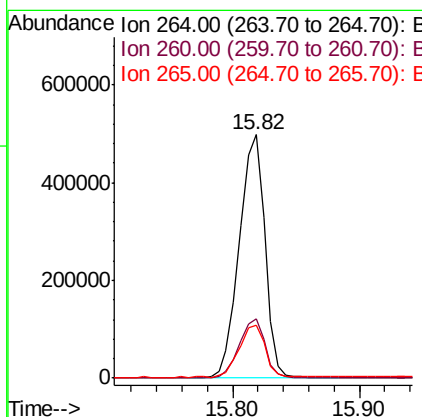
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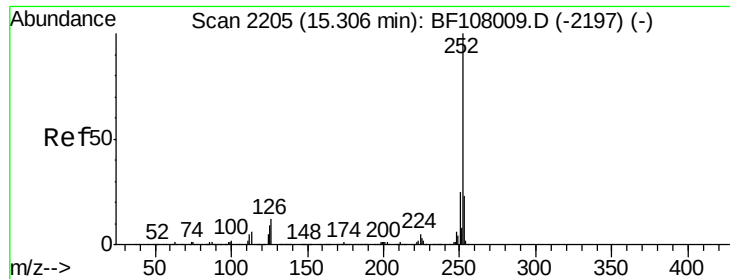
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.82 min Scan# 2292
Delta R.T. 0.04 min
Lab File: BF108113.D
Acq: 13 Aug 2018 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	693969		
260	24.2	19.2	28.8	
265	21.5	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 3.585 ng m

RT: 15.34 min Scan# 2210

Delta R.T. 0.03 min

Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Instrument :

BNA_F

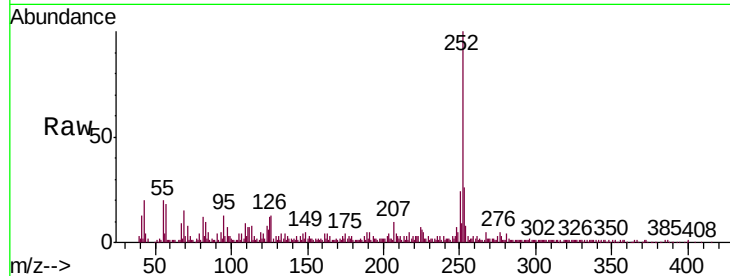
ClientSampleId :

JC-03-080918-F

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.6#
125	12.3	9.0	13.6

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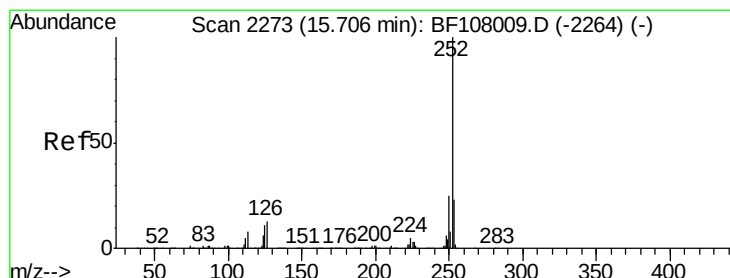
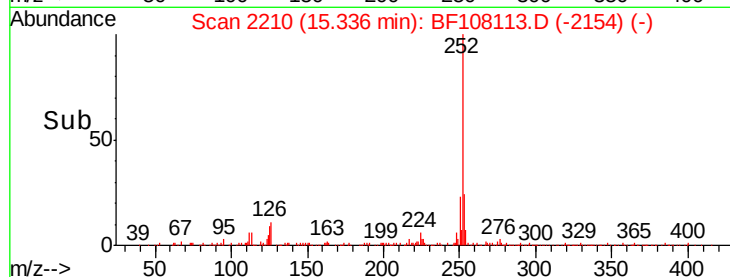
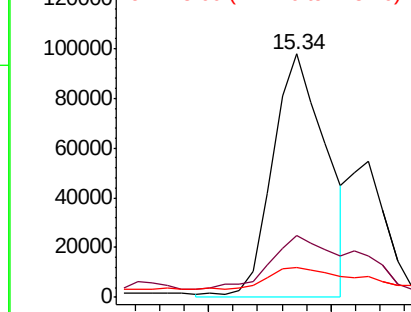


Abundance

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



#89

Benzo(a)pyrene

Concen: 3.075 ng

RT: 15.74 min Scan# 2279

Delta R.T. 0.04 min

Lab File: BF108113.D

Acq: 13 Aug 2018 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	14.4	9.8	14.6

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

