

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108093.D
 Acq On : 10 Aug 2018 19:28
 Operator : JU/SJ
 Sample : J4272-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Aug 11 01:14:39 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	272407	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	960248	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	416725	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	699020	20.00	ng	0.00
75) Chrysene-d12	14.22	240	646970	20.00	ng	0.00
86) Perylene-d12	15.79	264	452969	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	747284	49.67	ng	0.00
7) Phenol-d6	6.63	99	990146	49.52	ng	0.00
23) Nitrobenzene-d5	7.58	82	614469	35.71	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	184802	44.46	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1012367	39.00	ng	0.00
78) Terphenyl-d14	13.15	244	907081	35.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.77	163	107290	3.696	ng	Qvalue # 99
70) Phenanthrene	11.59	178	73678	2.235	ng	100
74) Fluoranthene	12.78	202	166509	4.627	ng	96
77) Pyrene	13.02	202	177163	4.325	ng	98
80) Benzo(a)anthracene	14.21	228	90911	2.448	ng	# 93
82) Chrysene	14.25	228	89906m	2.641	ng	
87) Benzo(b)fluoranthene	15.31	252	93968m	3.472	ng	
89) Benzo(a)pyrene	15.72	252	57198	2.360	ng	# 85

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

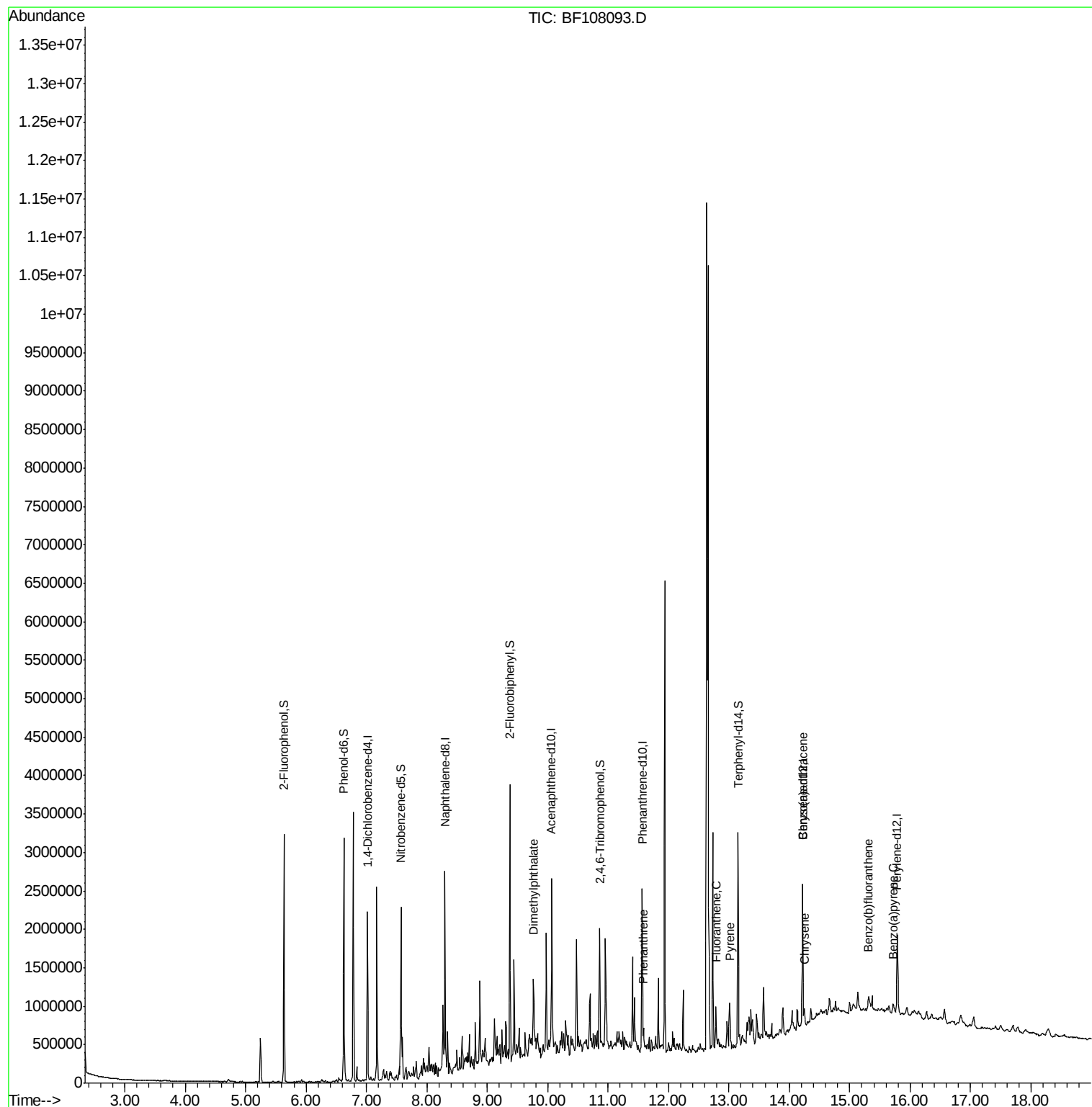
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

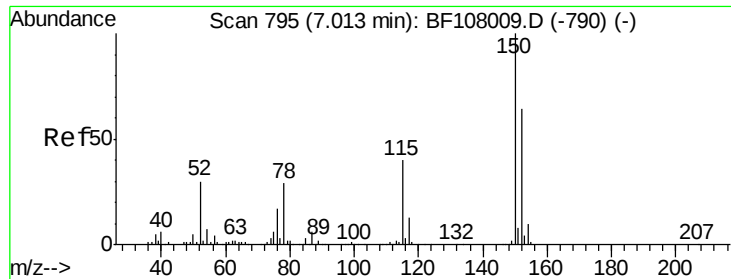
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-B

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#1

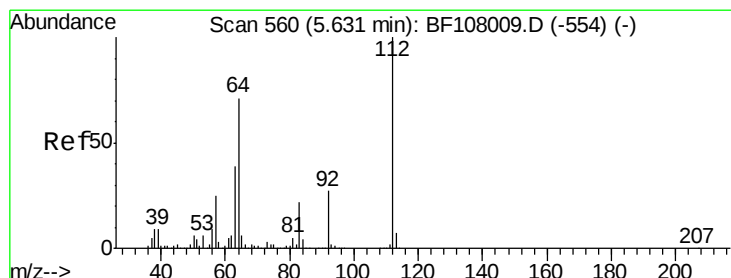
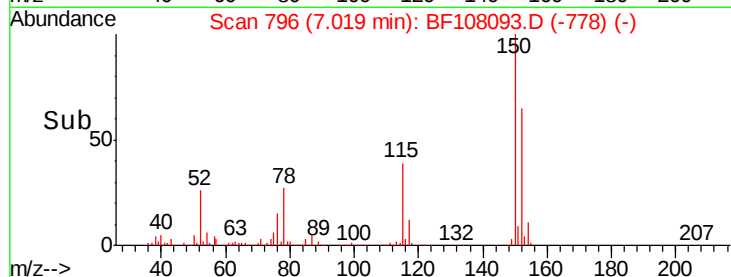
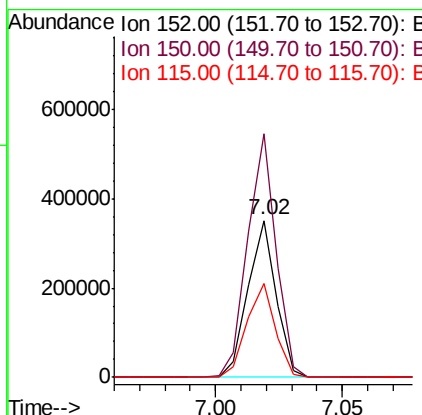
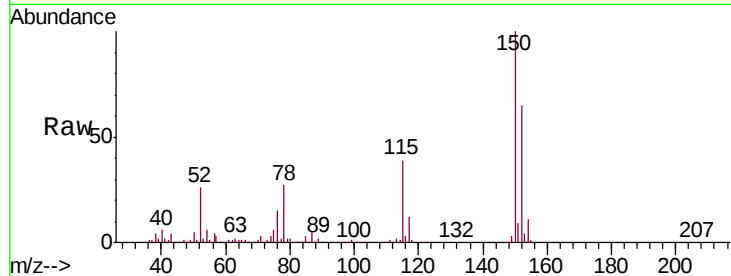
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108093.D
Acq: 10 Aug 2018 19:28

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

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		272407		
150	154.9	124.6	186.8		
115	59.7	50.1	75.1		

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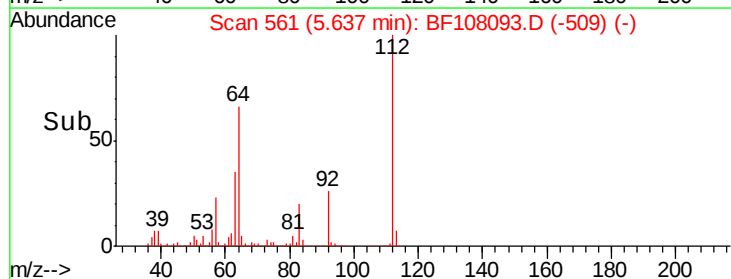
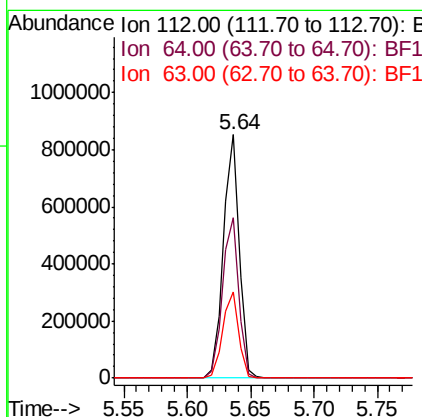
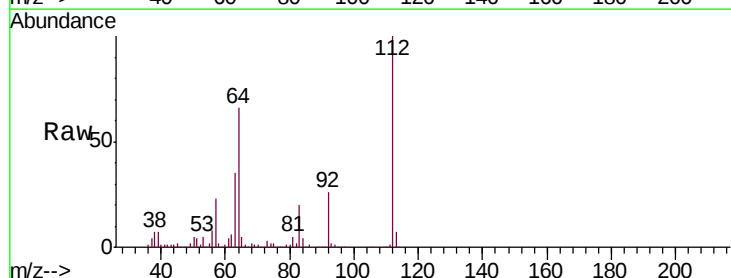
Sohil
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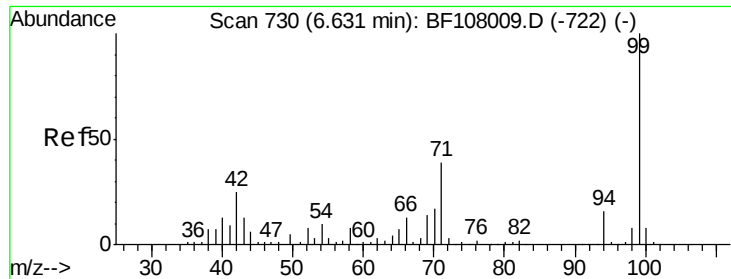


#5

2-Fluorophenol
Concen: 49.666 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108093.D
Acq: 10 Aug 2018 19:28

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		747284		
64	66.0	47.9	71.9		
63	35.2	23.7	35.5		





#7

Phenol-d6

Concen: 49.521 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108093.D

Acq: 10 Aug 2018 19:28

Instrument :

BNA_F

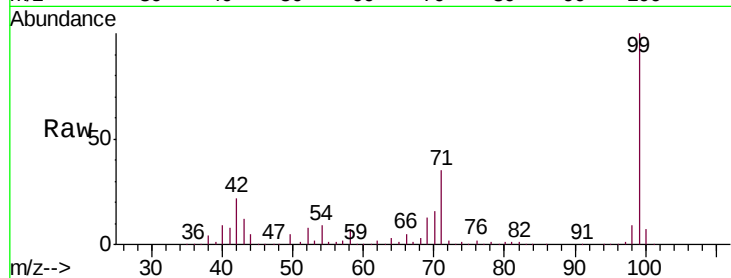
ClientSampleId :

JC-03-080918-B

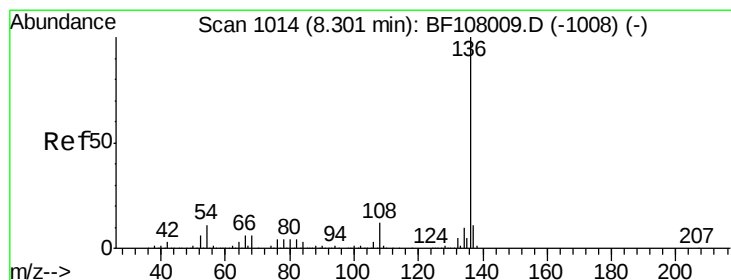
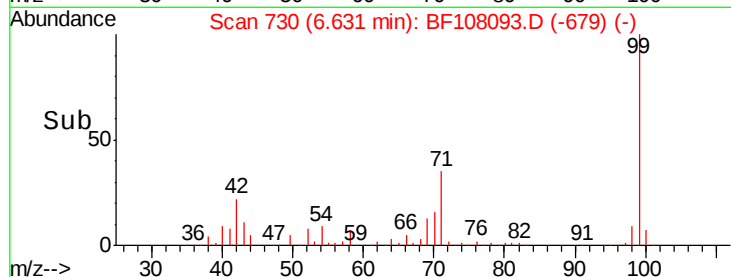
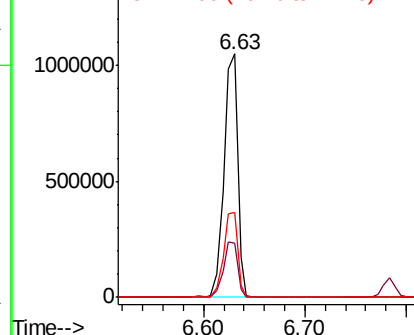
Tgt Ion:	99	Resp:	990146
Ion Ratio	Lower	Upper	
99	100		
42	22.1	14.5	21.7#
71	34.7	25.4	38.0

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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

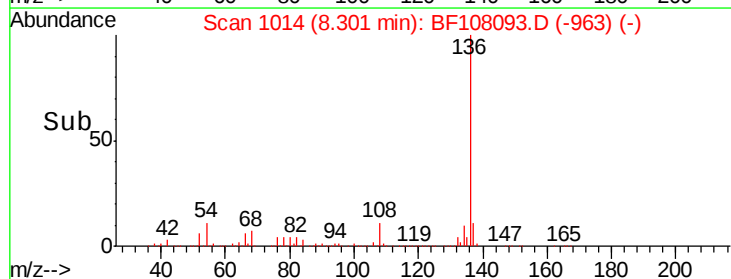
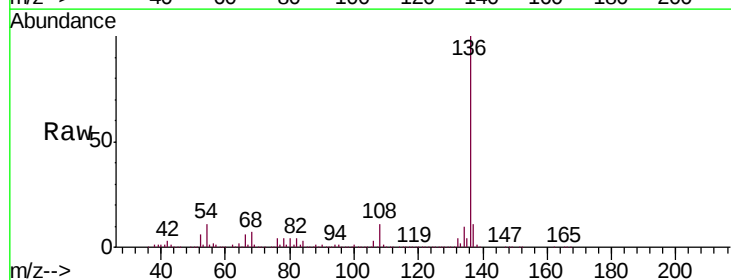
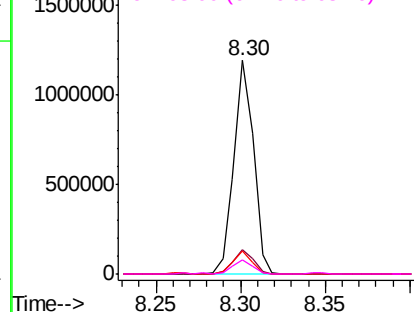
Delta R.T. 0.00 min

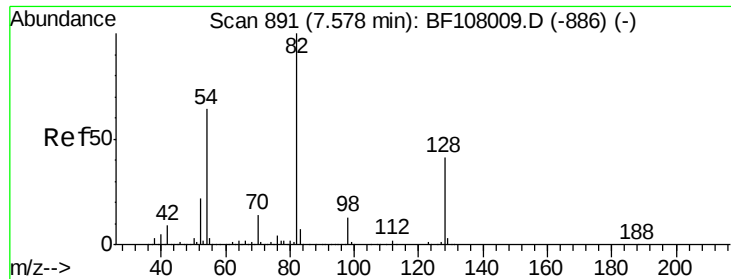
Lab File: BF108093.D

Acq: 10 Aug 2018 19:28

Tgt Ion:	136	Resp:	960248
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	10.7	6.6	9.8#
68	6.8	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





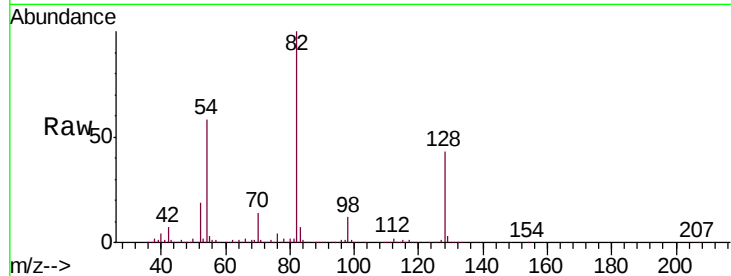
#23
 Nitrobenzene-d5
 Concen: 35.708 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108093.D
 Acq: 10 Aug 2018 19:28

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	58.0	41.4	62.2

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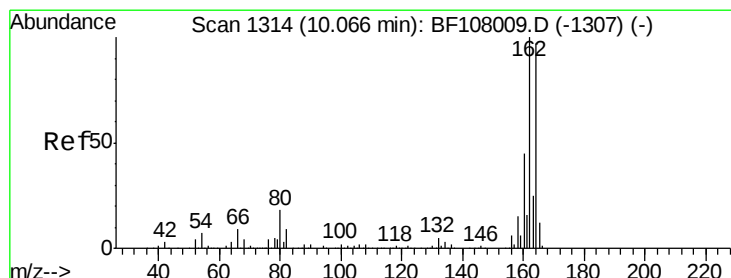
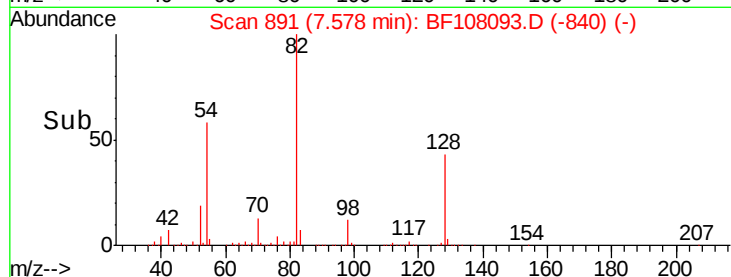
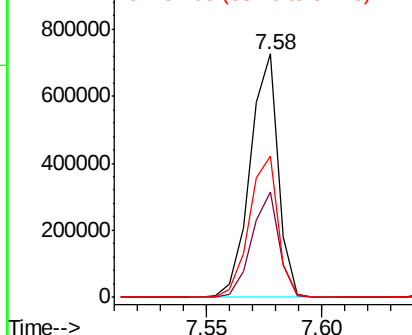


Abundance

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: BF108093.D
 Acq: 10 Aug 2018 19:28

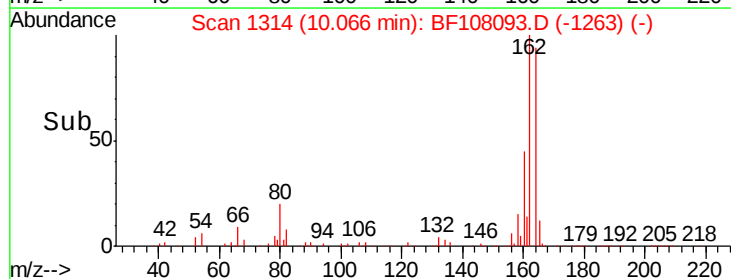
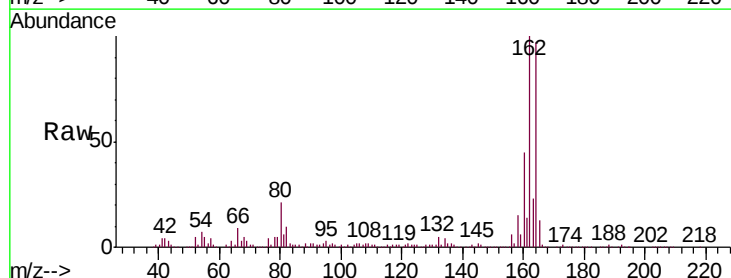
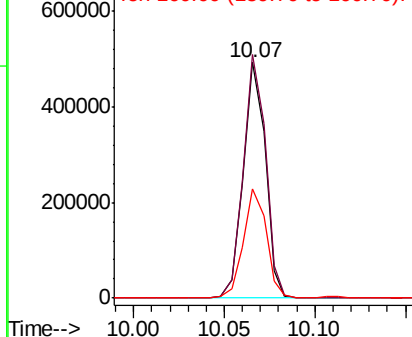
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	46.4	38.3	57.5

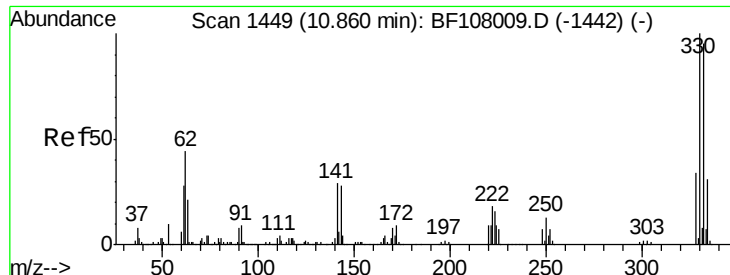
Abundance

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





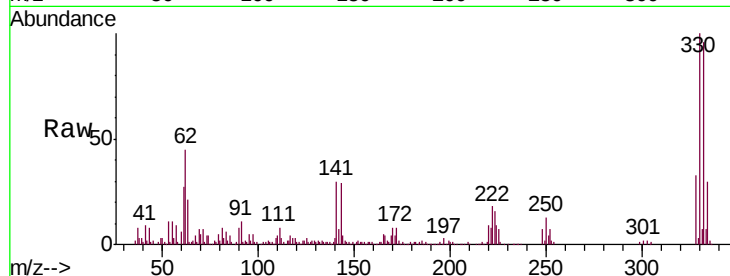
#41
 2,4,6-Tribromophenol
 Concen: 44.459 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108093.D
 Acq: 10 Aug 2018 19:28

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

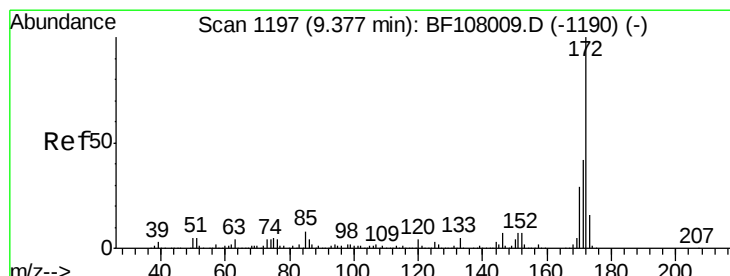
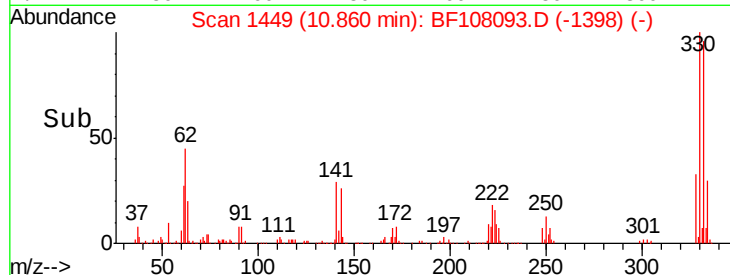
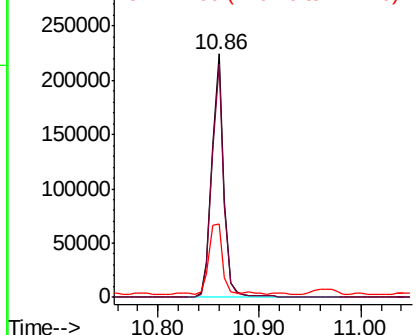
Tgt Ion:	330	Resp:	184802
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	33.3	29.9	44.9

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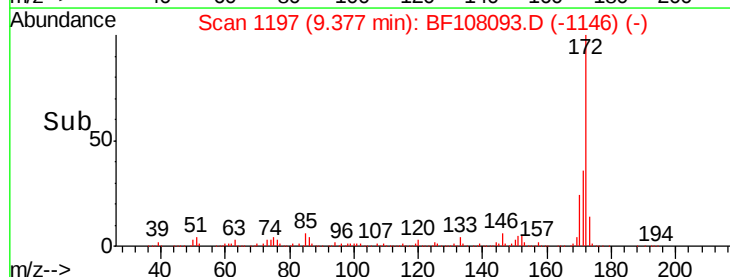
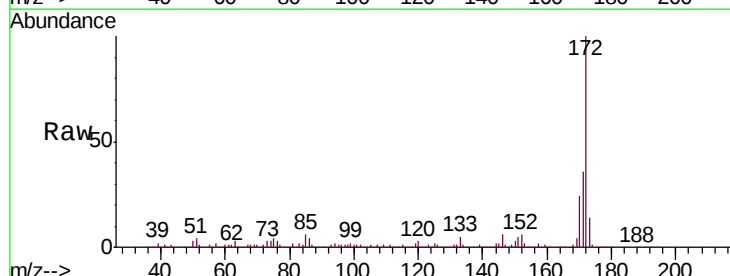
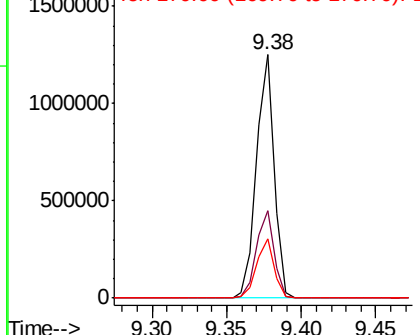
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

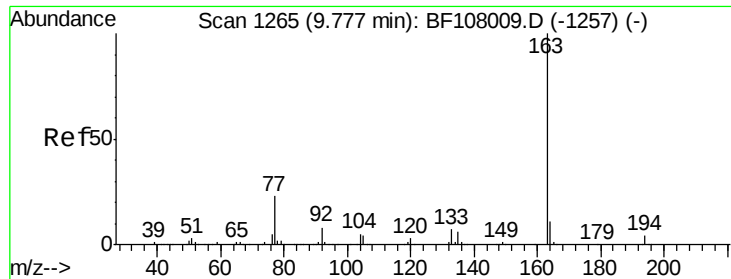


#44
 2-Fluorobiphenyl
 Concen: 39.002 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108093.D
 Acq: 10 Aug 2018 19:28

Tgt Ion:	172	Resp:	1012367
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.2	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





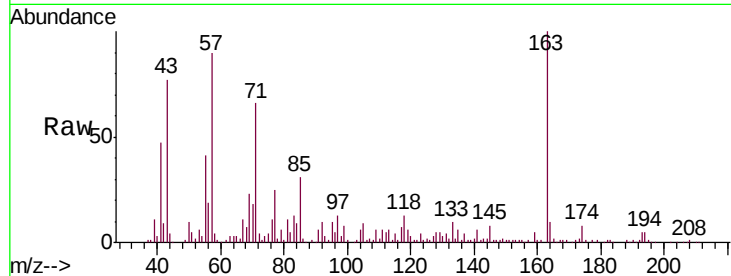
#49
Dimethylphthalate
Concen: 3.696 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108093.D
Acq: 10 Aug 2018 19:28

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	107290		
194	5.2	2.7	4.1#	
164	10.2	8.2	12.2	

Manual Integrations
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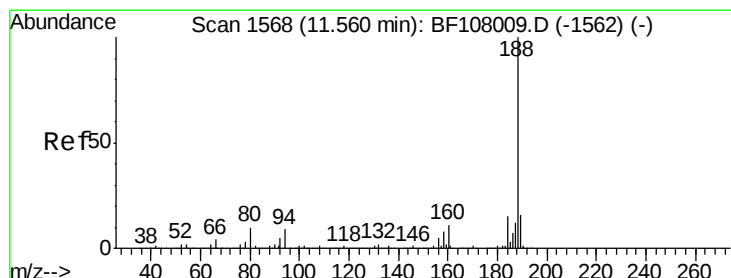
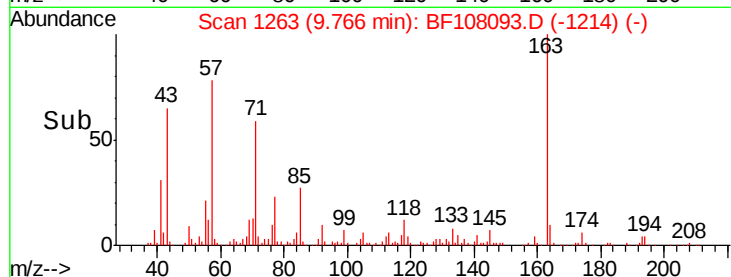
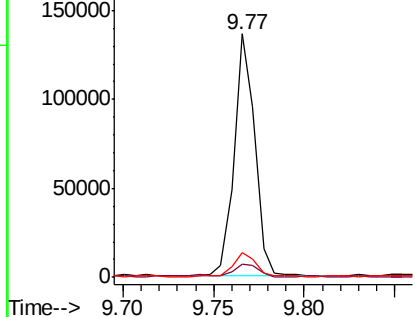


Abundance

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# 1569
Delta R.T. 0.01 min
Lab File: BF108093.D
Acq: 10 Aug 2018 19:28

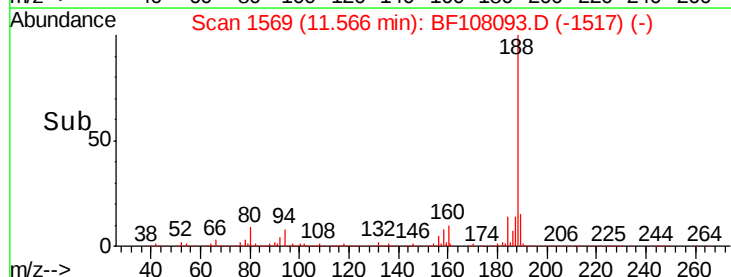
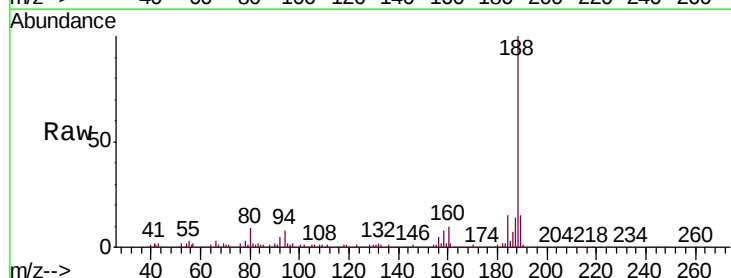
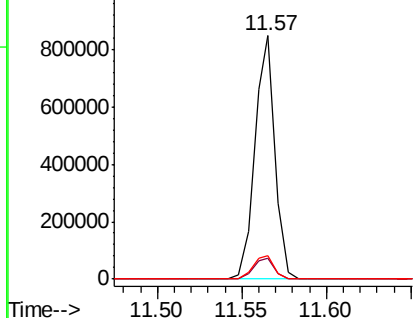
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	699020		
94	8.5	8.5	12.7#	
80	9.4	9.2	13.8	

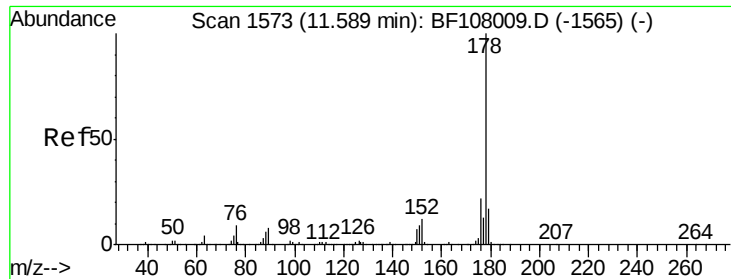
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





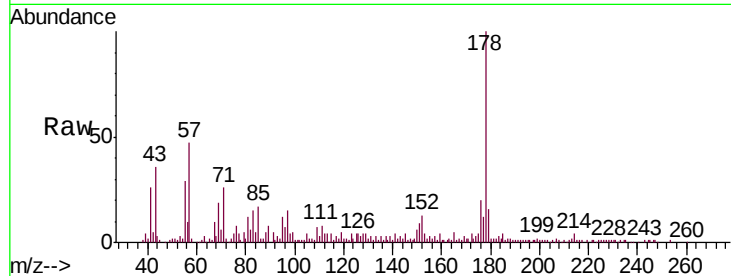
#70
Phenanthrene
Concen: 2.235 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF108093.D
Acq: 10 Aug 2018 19:28

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.2	13.0	19.6

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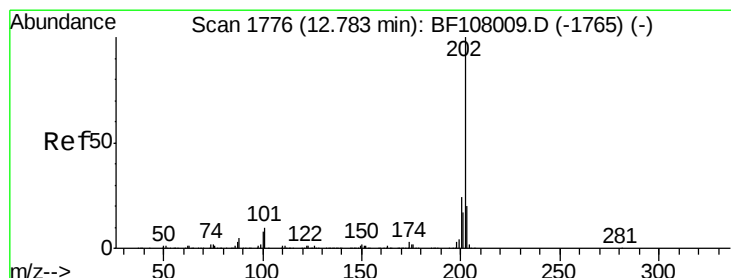
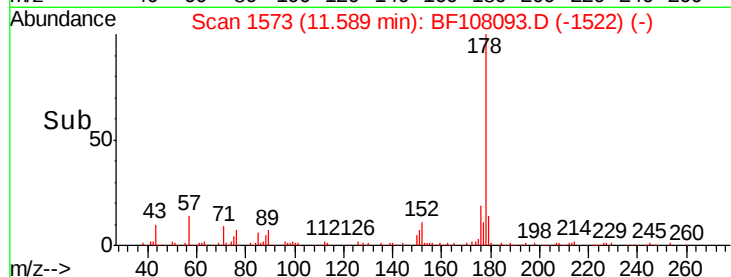
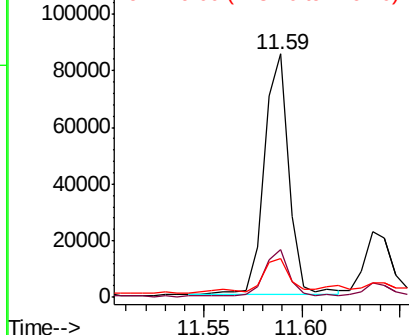


Abundance

Ion 178.00 (177.70 to 178.70): E

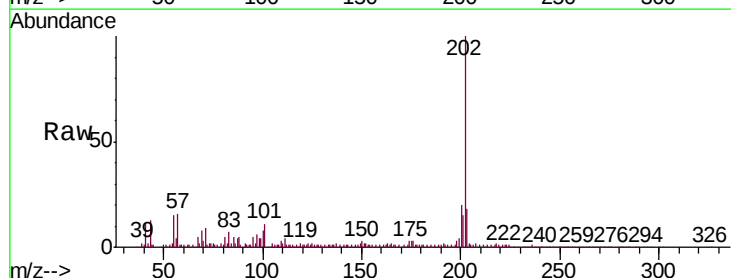
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 4.627 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108093.D
Acq: 10 Aug 2018 19:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.5	0.0	38.1

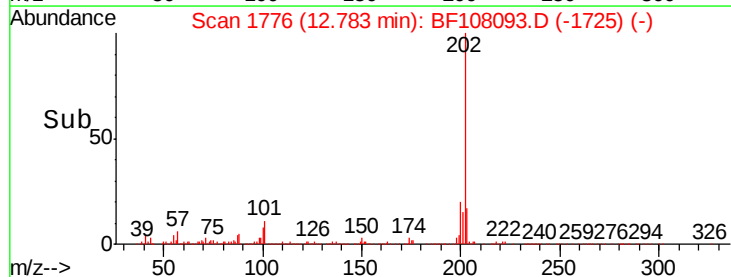
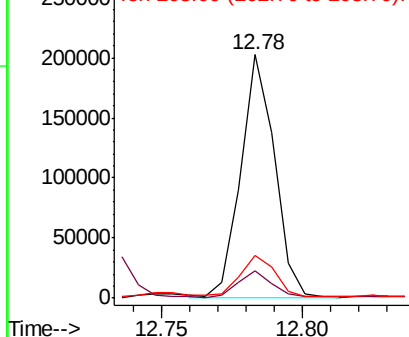


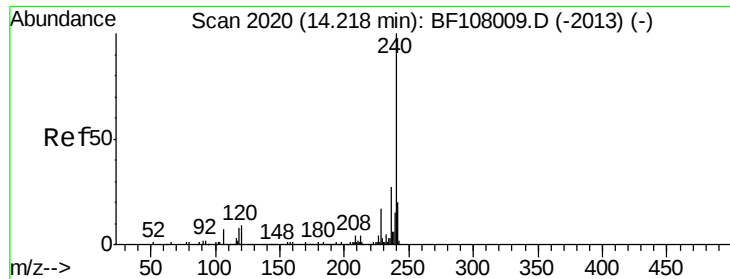
Abundance

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: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108093.D

Acq: 10 Aug 2018 19:28

Instrument :

BNA_F

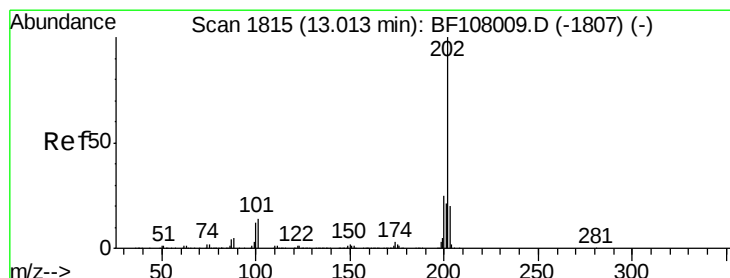
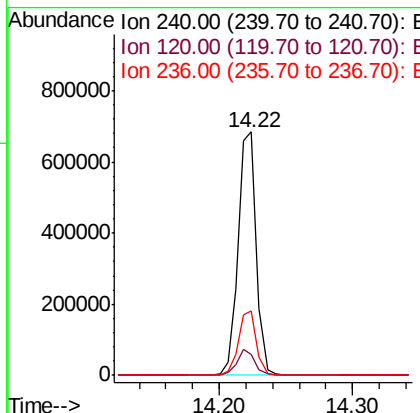
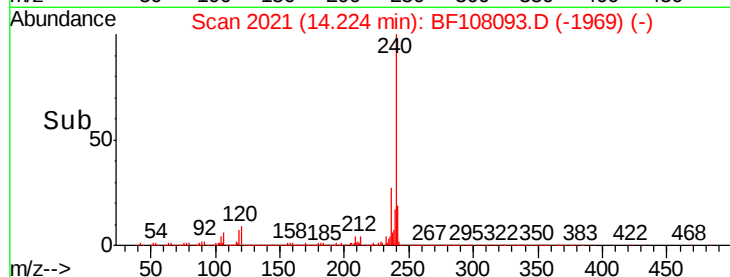
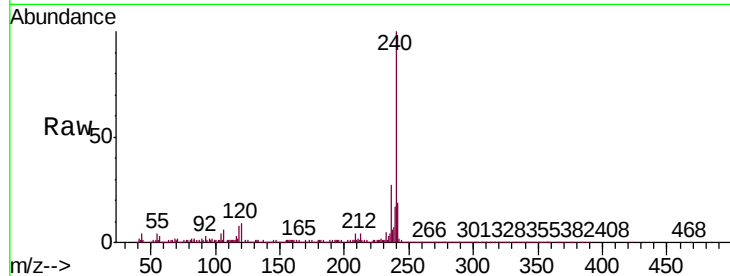
ClientSampleId :

JC-03-080918-B

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.7	20.7	31.1

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#77

Pyrene

Concen: 4.325 ng

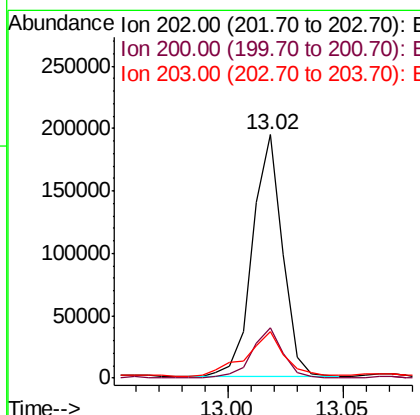
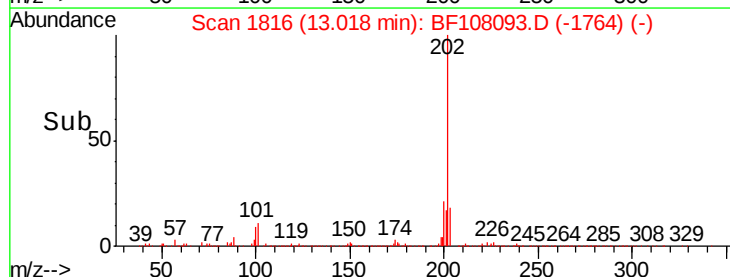
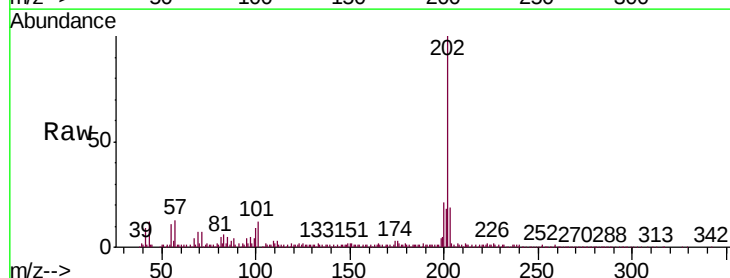
RT: 13.02 min Scan# 1816

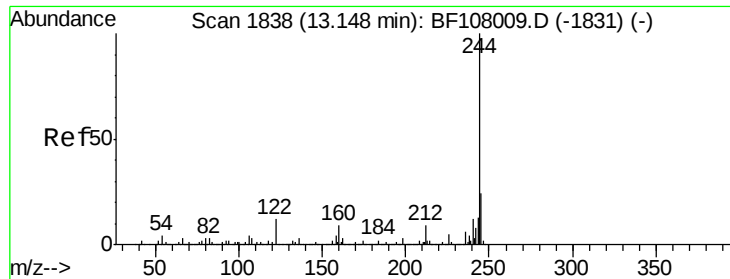
Delta R.T. 0.01 min

Lab File: BF108093.D

Acq: 10 Aug 2018 19:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.9	14.3	21.5





#78

Terphenyl-d14

Concen: 35.648 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108093.D

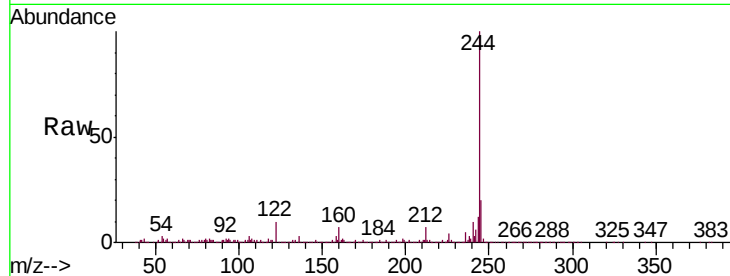
Acq: 10 Aug 2018 19:28

Instrument :

BNA_F

ClientSampleId :

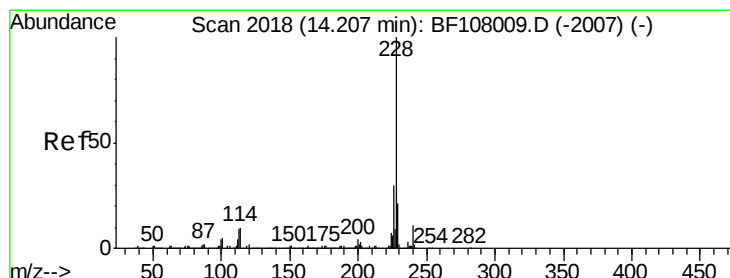
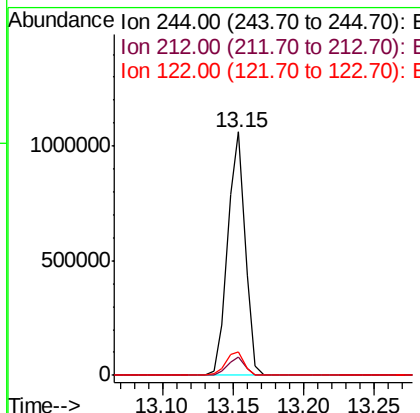
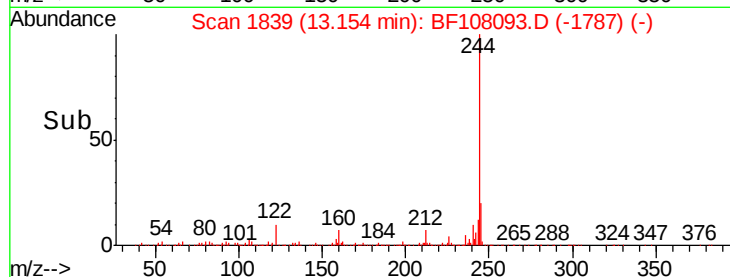
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Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	5.4	8.0	
122	9.7	11.0	16.4	

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#80

Benzo(a)anthracene

Concen: 2.448 ng

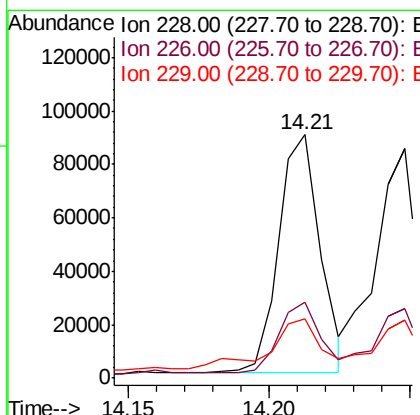
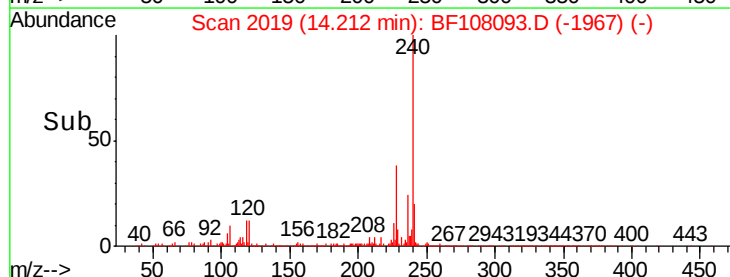
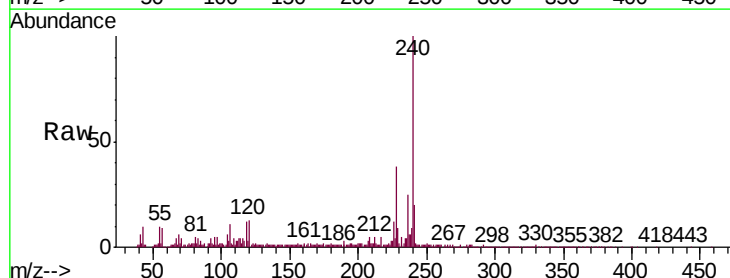
RT: 14.21 min Scan# 2019

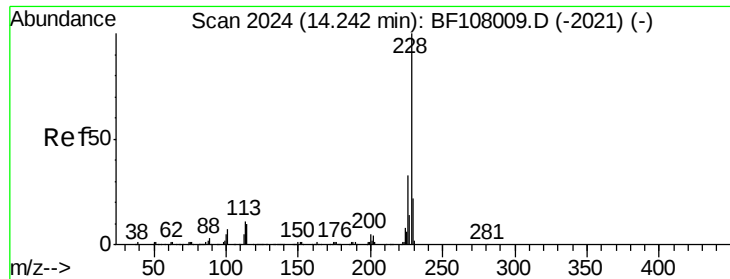
Delta R.T. 0.01 min

Lab File: BF108093.D

Acq: 10 Aug 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.2	22.6	33.8	
229	24.1	15.8	23.6	





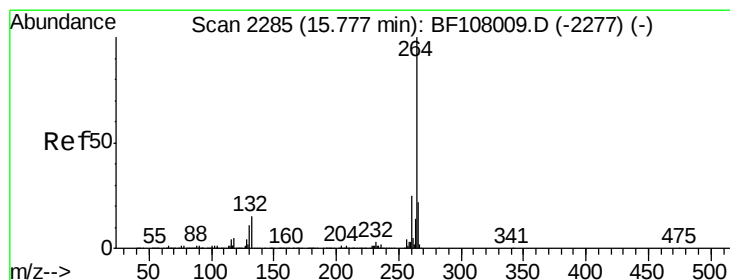
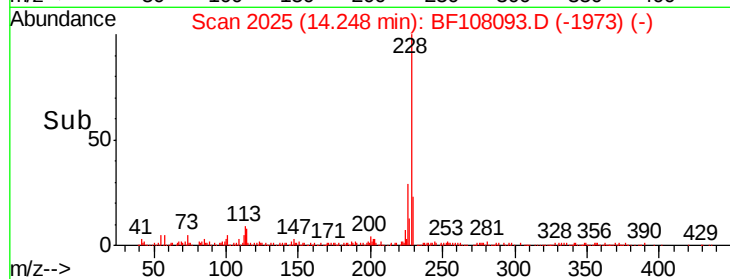
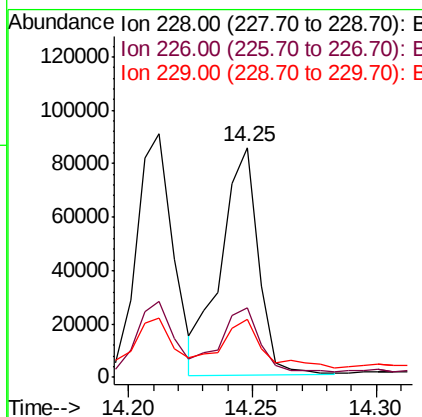
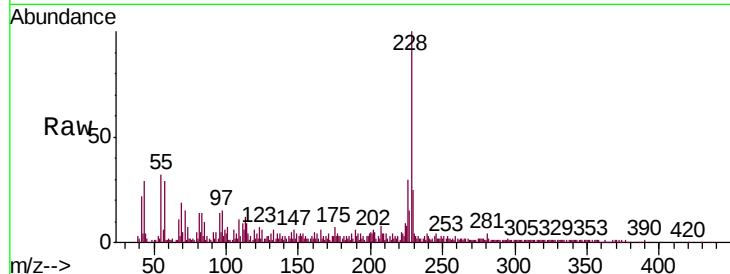
#82
Chrysene
Concen: 2.641 ng m
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108093.D
Acq: 10 Aug 2018 19:28

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	89906		
226	30.3	25.0	37.6	
229	25.4	16.2	24.4	

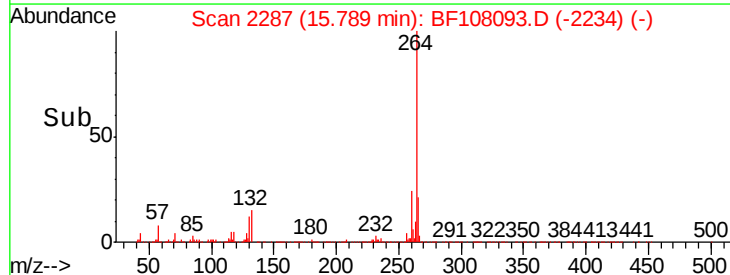
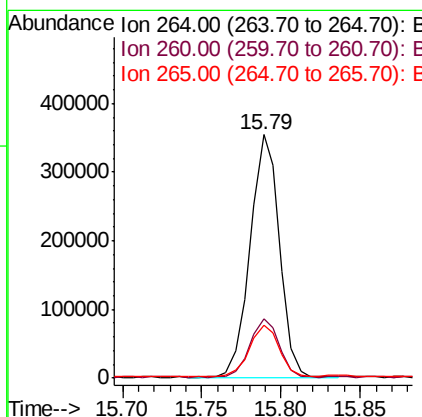
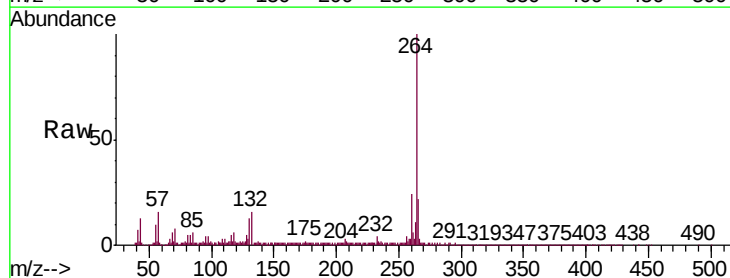
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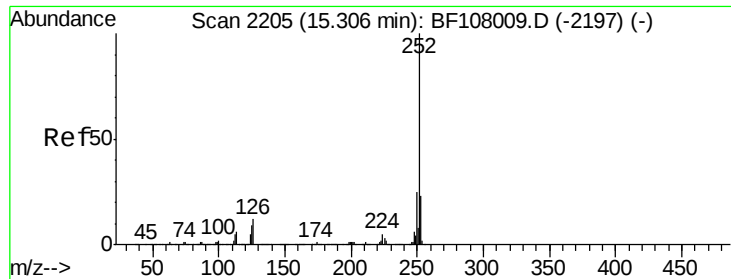
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108093.D
Acq: 10 Aug 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	452969		
260	24.2	19.2	28.8	
265	21.7	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 3.472 ng m

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108093.D

Acq: 10 Aug 2018 19:28

Instrument :

BNA_F

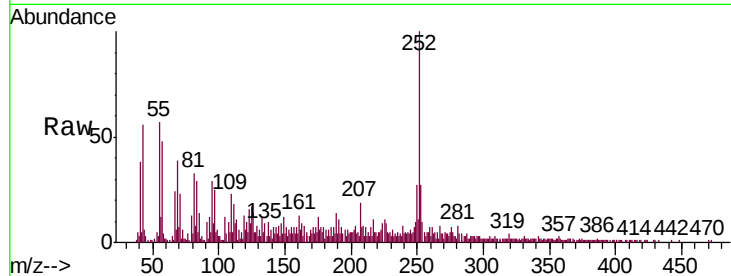
ClientSampleId :

JC-03-080918-B

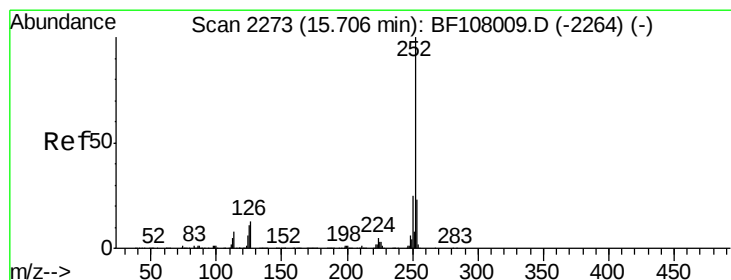
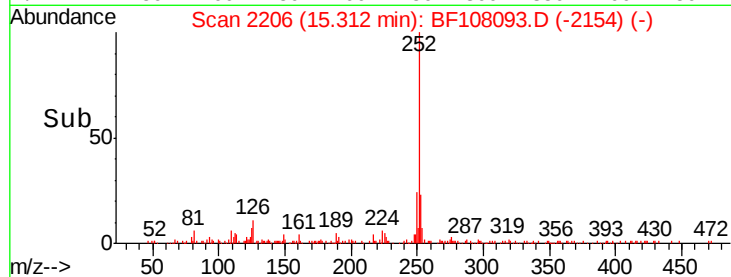
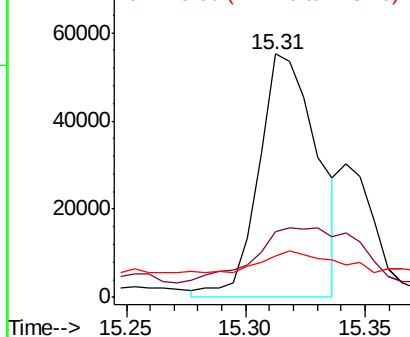
Tgt Ion:	252	Resp:	93968
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.0	25.6#
125	17.0	9.0	13.6#

Manual Integrations
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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: 2.360 ng

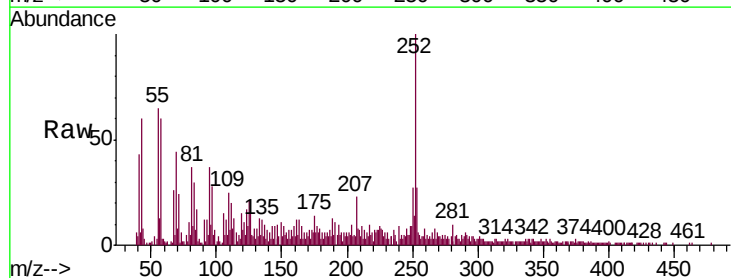
RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF108093.D

Acq: 10 Aug 2018 19:28

Tgt Ion:	252	Resp:	57198
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.1	25.7#
125	21.3	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

