

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108194.D
 Acq On : 16 Aug 2018 14:54
 Operator : JU/SJ
 Sample : J4477-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-A

Manual Integrations
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 8/17/2018 5:14:48 PM

Quant Time: Aug 17 14:35:02 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	7.01	152	184685	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	701650	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	355891	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	662437	20.00	ng	0.00
75) Chrysene-d12	14.21	240	420530	20.00	ng	-0.01
86) Perylene-d12	15.77	264	471161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1079035	105.78	ng	0.02
7) Phenol-d6	6.64	99	1464409	108.03	ng	0.00
23) Nitrobenzene-d5	7.58	82	969934	77.14	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	379995	107.04	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1759402	79.37	ng	0.00
78) Terphenyl-d14	13.14	244	1549564	93.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	122493	4.941	ng	99
70) Phenanthrene	11.58	178	65127	2.084	ng	97
74) Fluoranthene	12.77	202	126783	3.718	ng	96
77) Pyrene	13.01	202	117298	4.406	ng	98
80) Benzo(a)anthracene	14.19	228	51281	2.125	ng	100
82) Chrysene	14.23	228	47227	2.134	ng	99
87) Benzo(b)fluoranthene	15.29	252	65082m	2.312	ng	

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

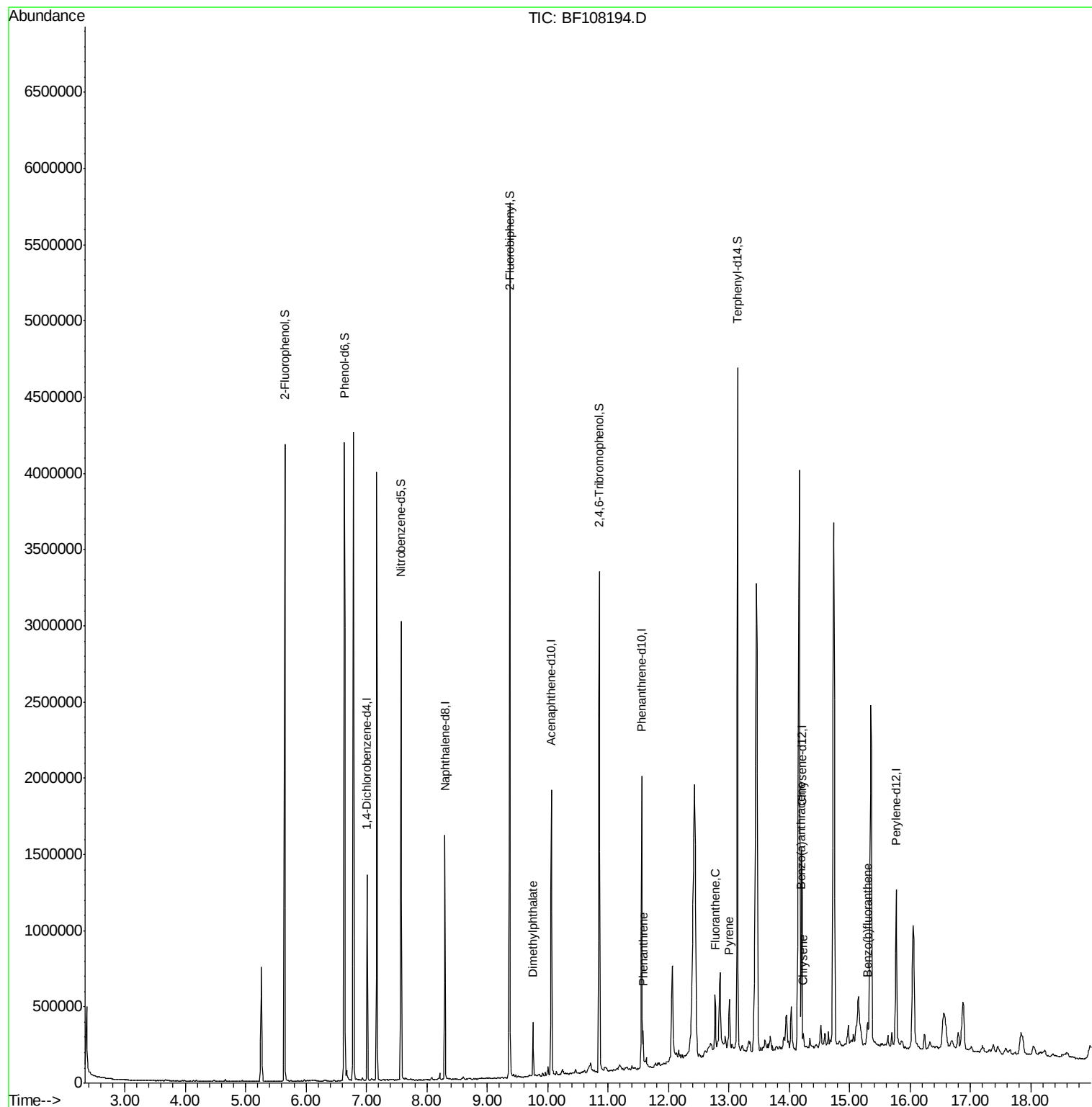
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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#1

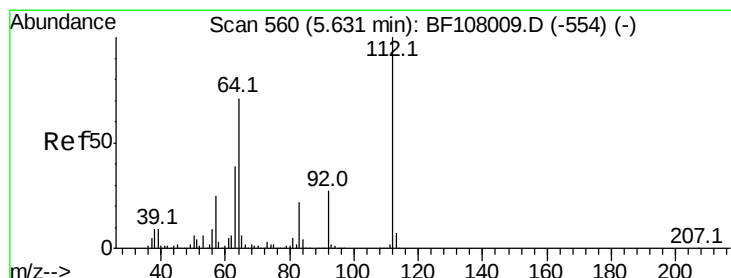
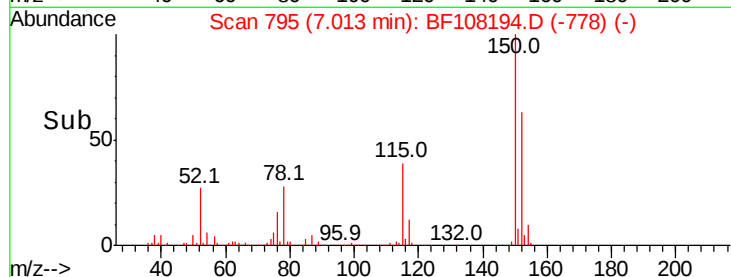
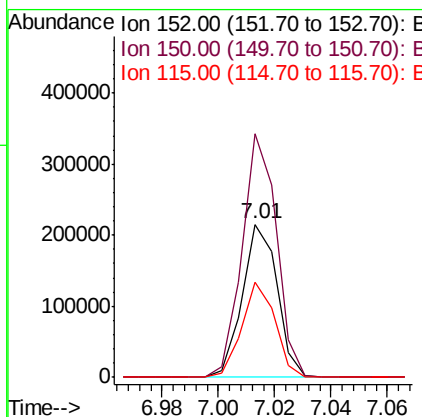
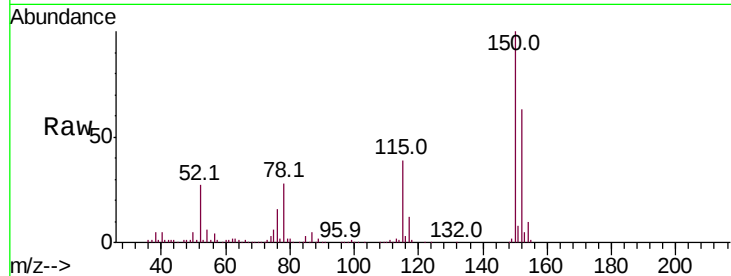
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	62.5	50.1	75.1

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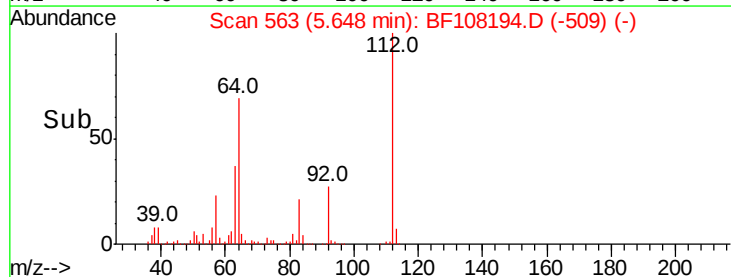
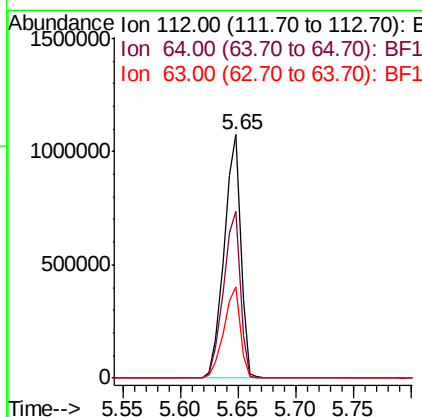
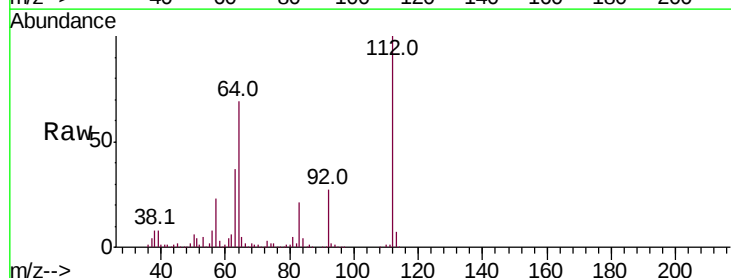
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#5

2-Fluorophenol
Concen: 105.777 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	47.9	71.9
63	37.4	23.7	35.5#





#7

Phenol-d6

Concen: 108.028 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108194.D

Acq: 16 Aug 2018 14:54

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-A

Tot Ion: 99 Resp: 1464409

Ion Ratio Lower Upper

99 100

42 23.4 14.5 21.7#

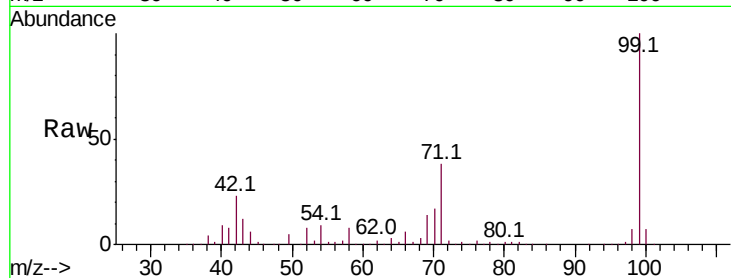
71 37.7 25.4 38.0

Manual Integrations

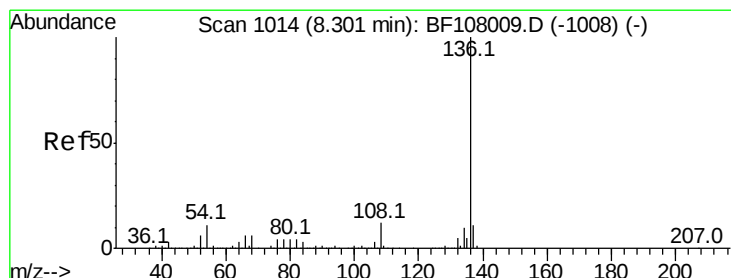
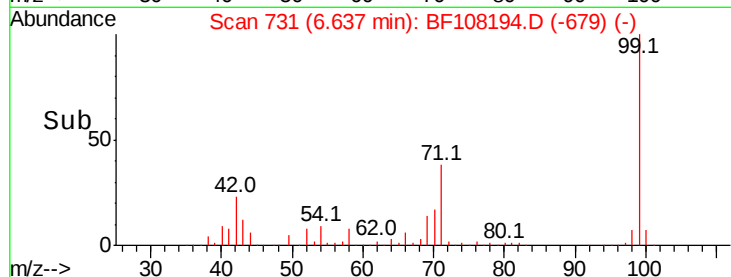
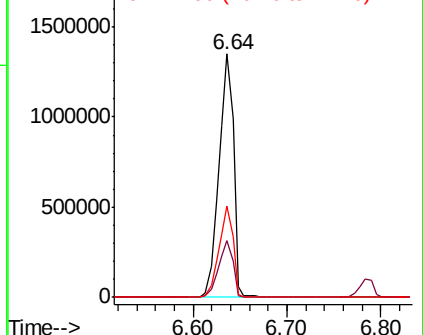
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108194.D

Acq: 16 Aug 2018 14:54

Tgt Ion:136 Resp: 701650

Ion Ratio Lower Upper

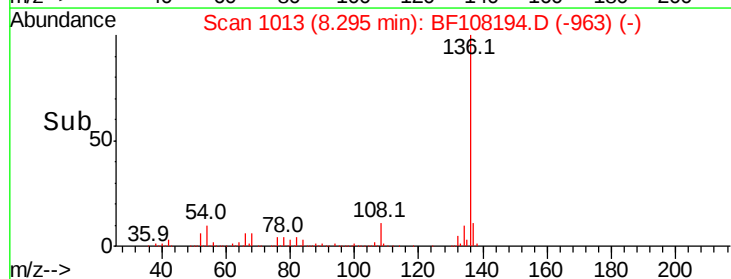
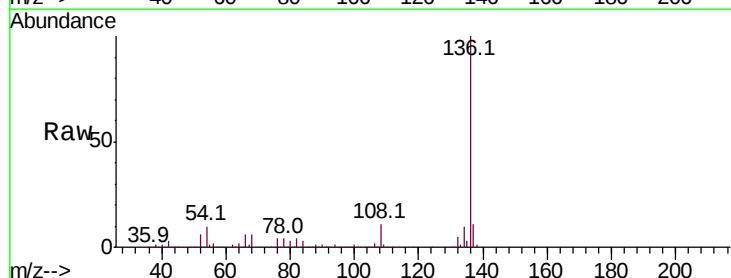
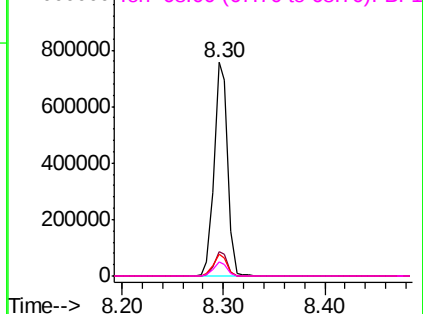
136 100

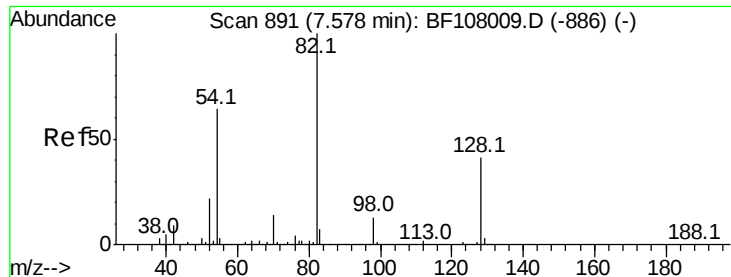
137 11.2 8.9 13.3

54 10.4 6.6 9.8#

68 6.3 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





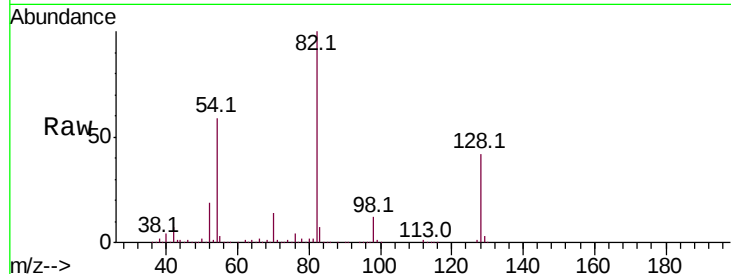
#23
 Nitrobenzene-d5
 Concen: 77.138 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108194.D
 Acq: 16 Aug 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.3	36.1	54.1	
54	58.9	41.4	62.2	

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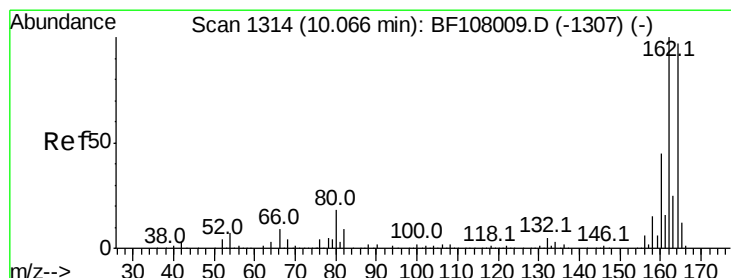
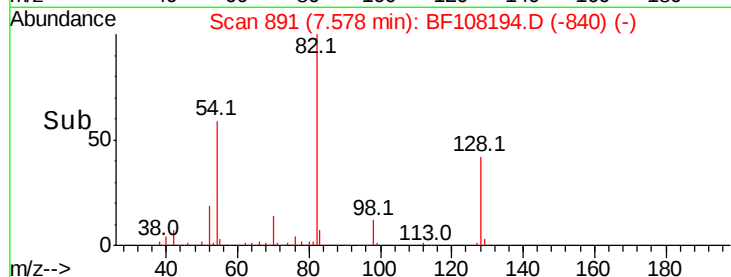
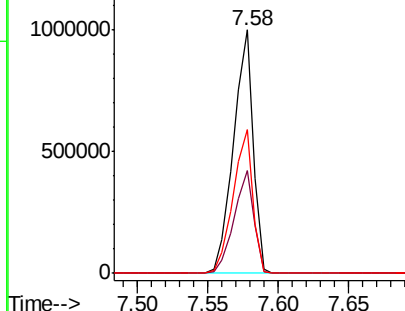


Abundance

Ion 82.00 (81.70 to 82.70): BF1

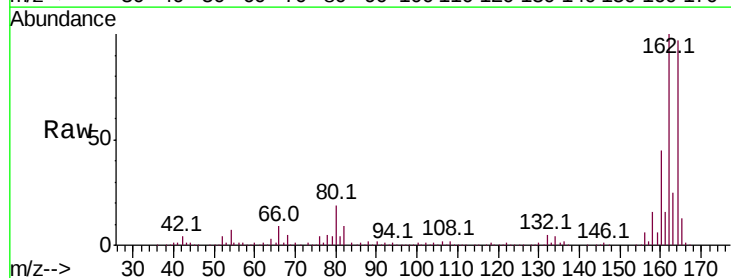
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108194.D
 Acq: 16 Aug 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	86.1	129.1	
160	46.4	38.3	57.5	

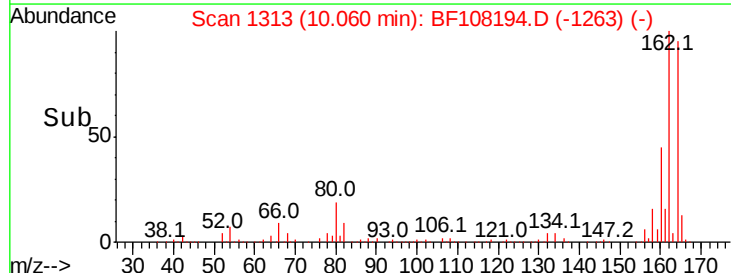
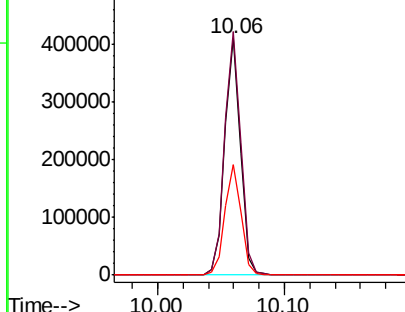


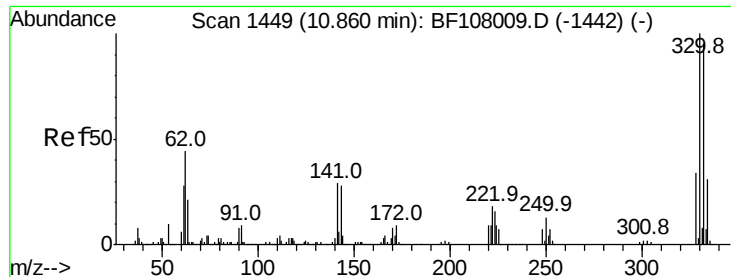
Abundance

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





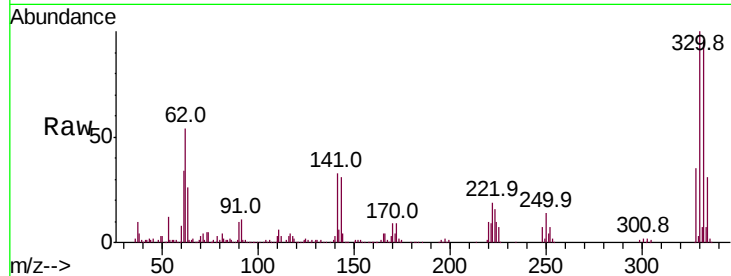
#41
 2,4,6-Tribromophenol
 Concen: 107.043 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108194.D
 Acq: 16 Aug 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	379995		
332	95.1	77.0	115.6	
141	33.0	29.9	44.9	

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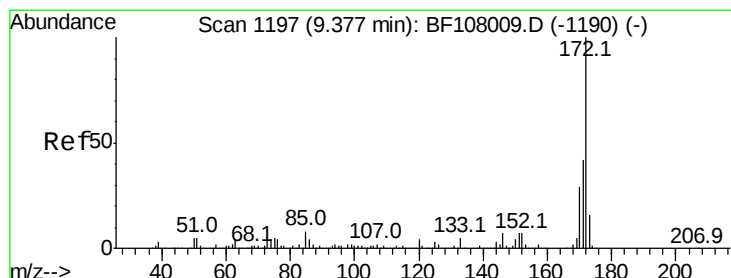
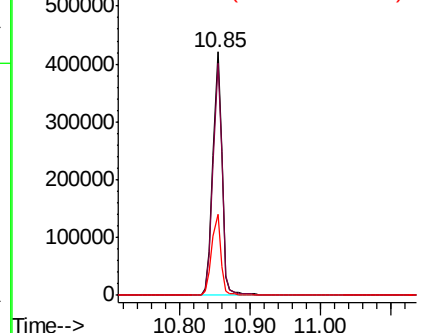
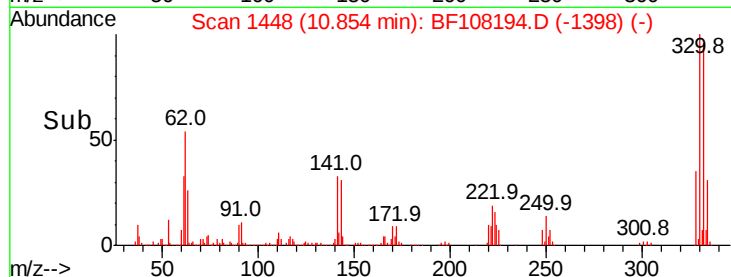


Abundance

Ion 329.80 (329.50 to 330.50): E

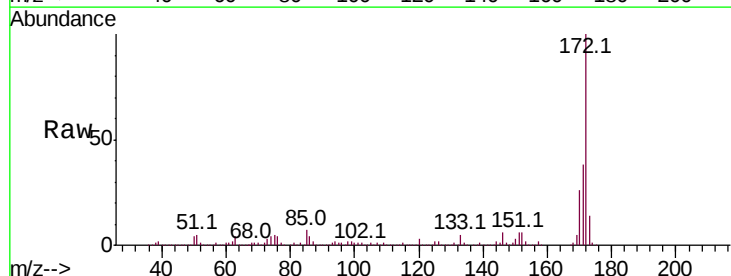
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.369 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108194.D
 Acq: 16 Aug 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1759402		
171	38.1	29.7	44.5	
170	25.7	19.6	29.4	

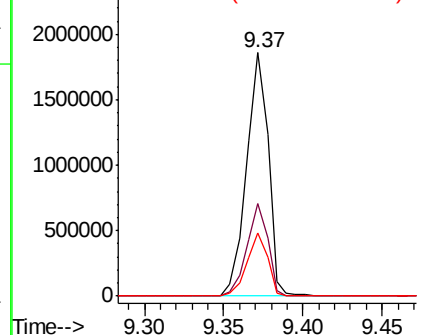
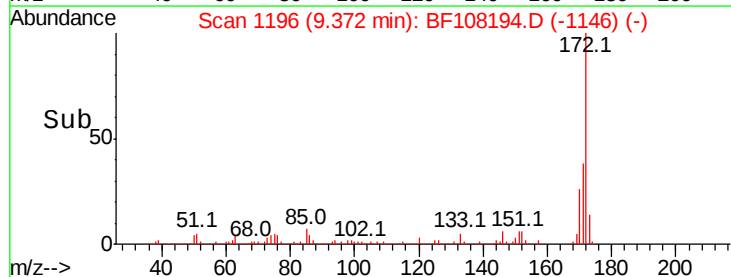


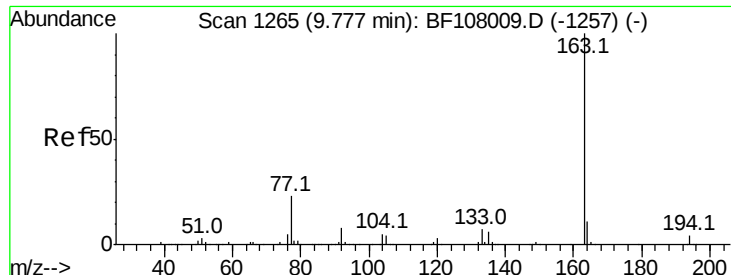
Abundance

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





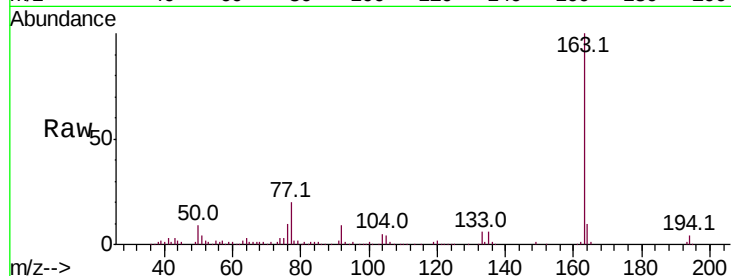
#49
Dimethylphthalate
Concen: 4.941 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-A

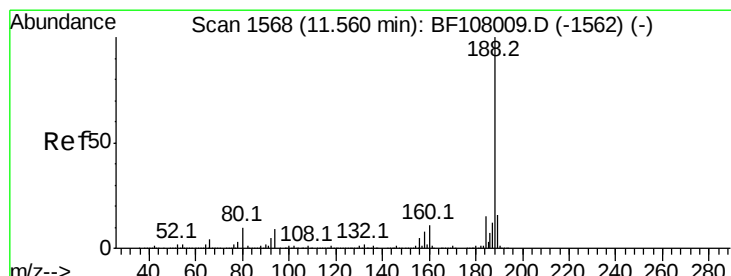
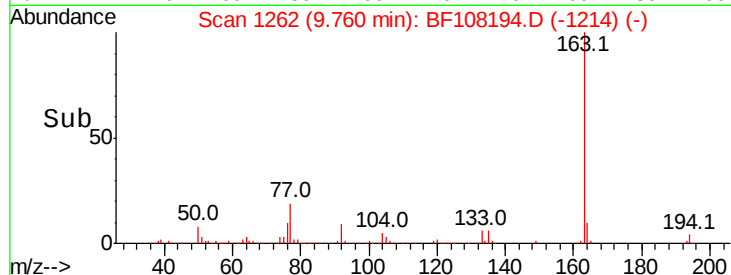
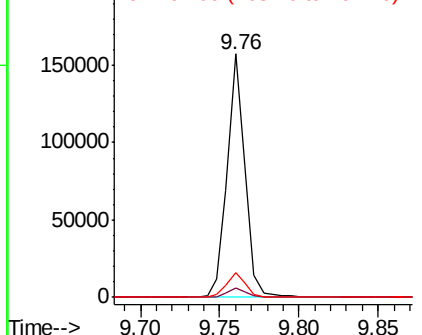
Tot Ion	Ratio	Resp	Lower	Upper
163	100	122493		
194	3.9	2.7	4.1	
164	10.0	8.2	12.2	

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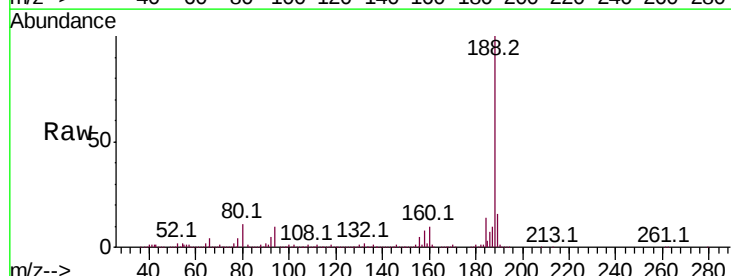


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

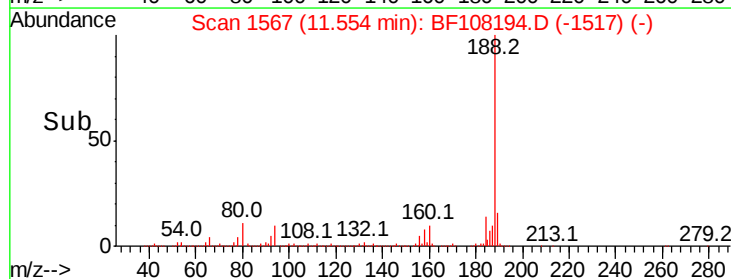
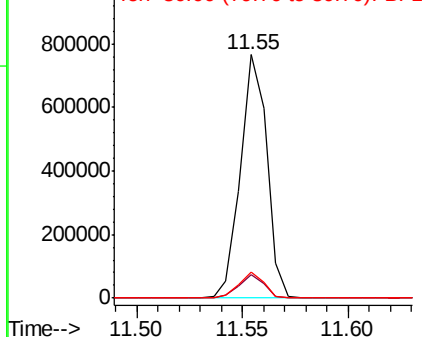


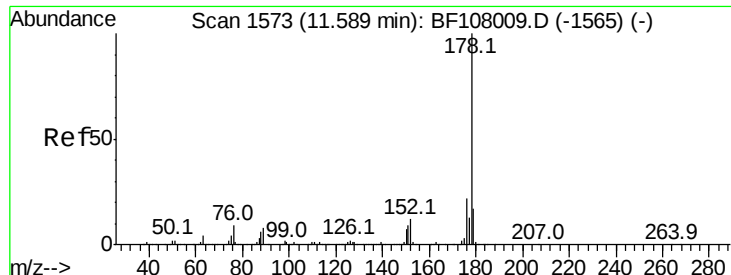
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	662437		
94	9.7	8.5	12.7	
80	10.8	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





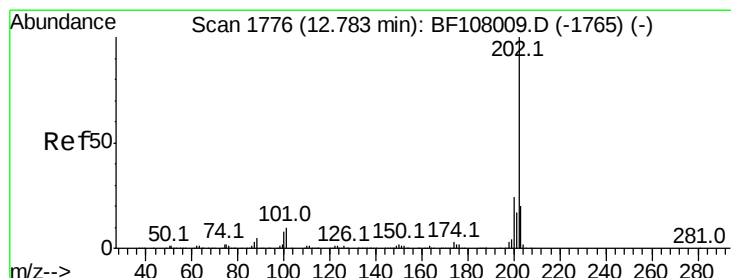
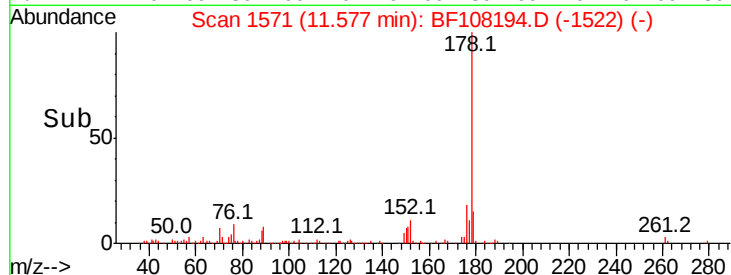
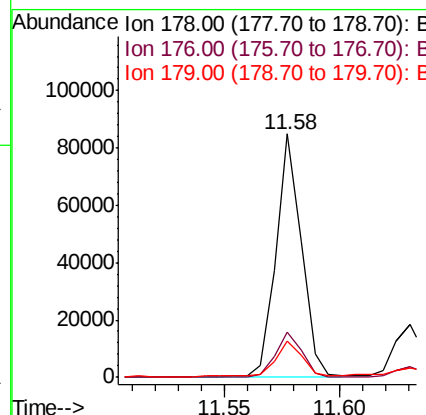
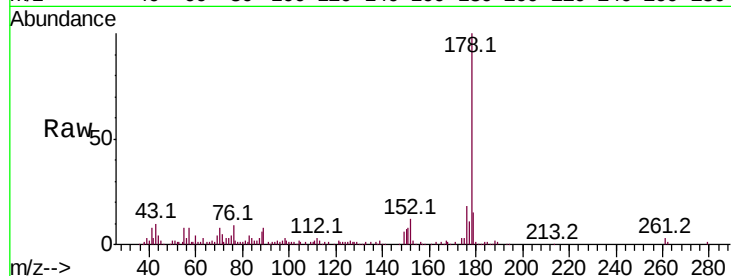
#70
Phenanthrene
Concen: 2.084 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Instrument :
BNA_F
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FK-SF-03-004-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.0	13.0	19.6

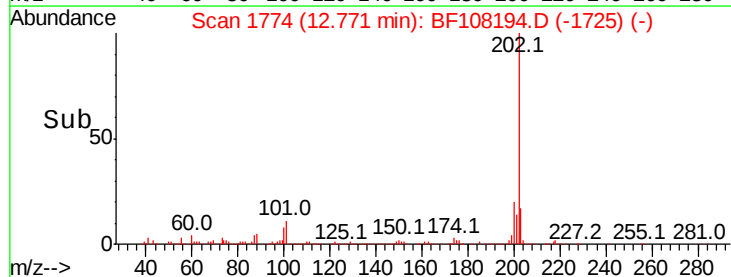
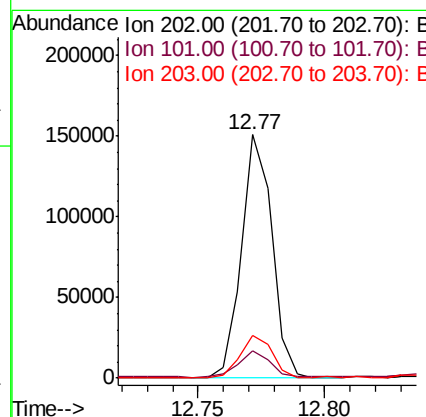
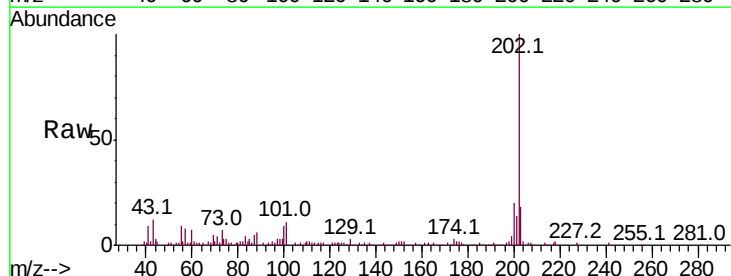
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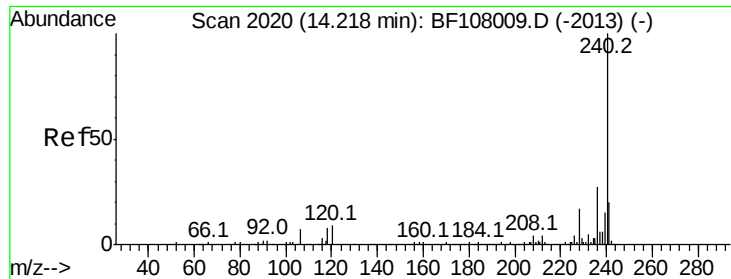
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#74
Fluoranthene
Concen: 3.718 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.7	0.0	38.1





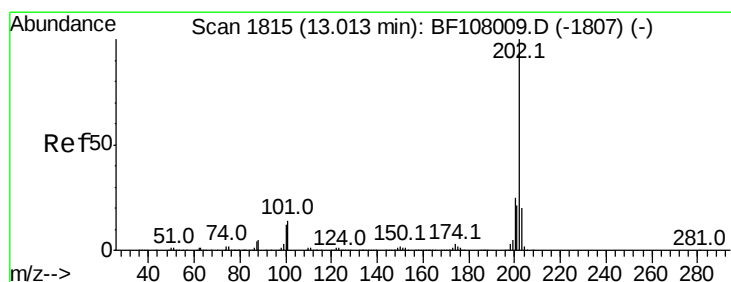
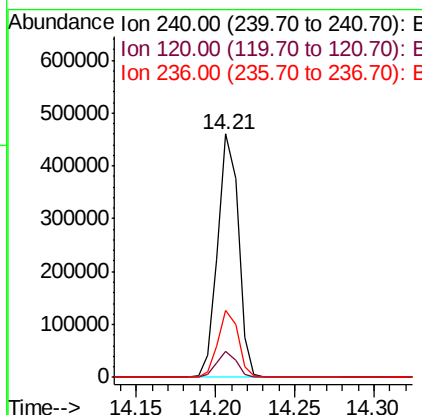
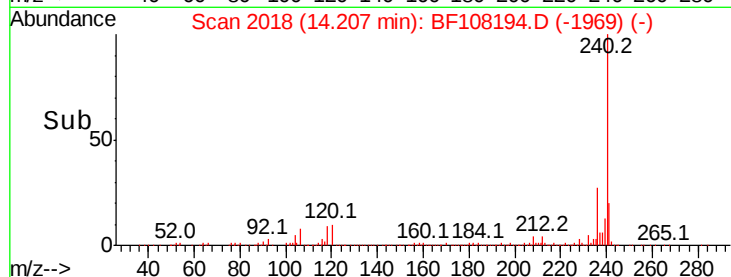
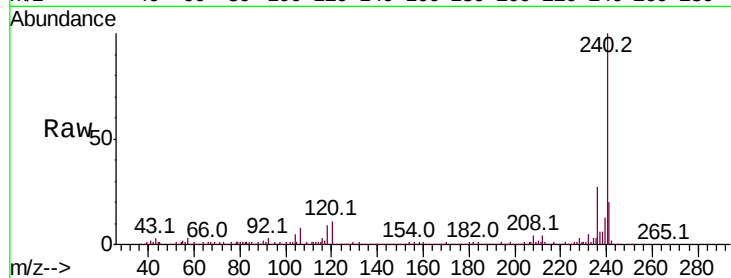
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	27.3	20.7	31.1

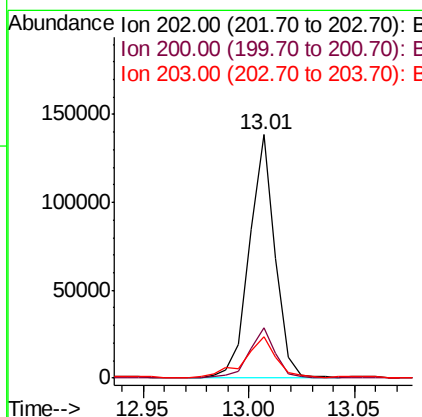
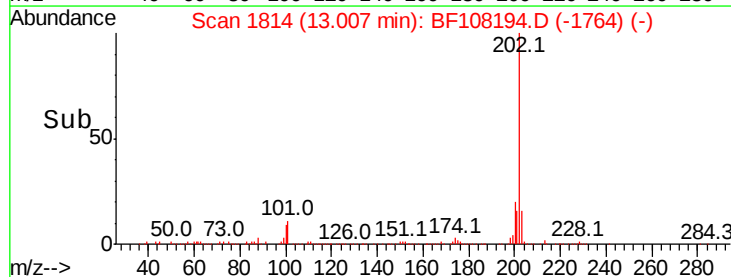
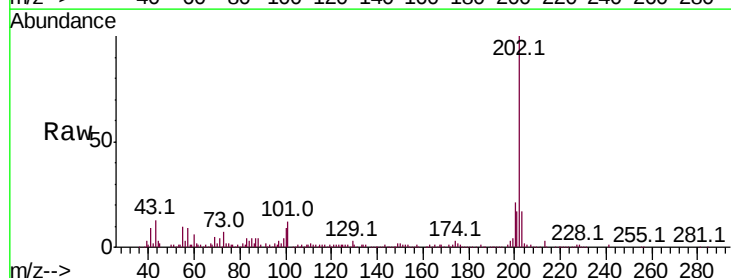
Manual Integrations
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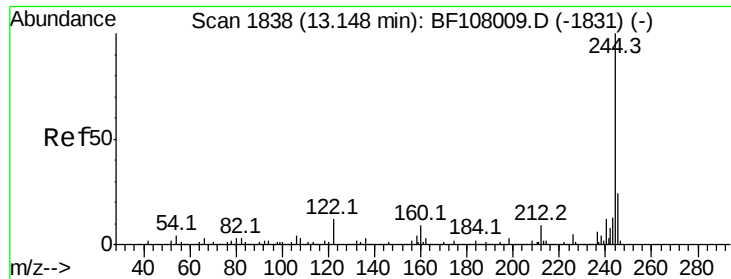
Sohil
8/17/2018 5:14:48 PM



#77
Pyrene
Concen: 4.406 ng
RT: 13.01 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.1	14.3	21.5





#78

Terphenyl-d14

Concen: 93.688 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108194.D

Acq: 16 Aug 2018 14:54

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-004-A

Tot Ion:244 Resp: 1549564

Ion Ratio Lower Upper

244 100

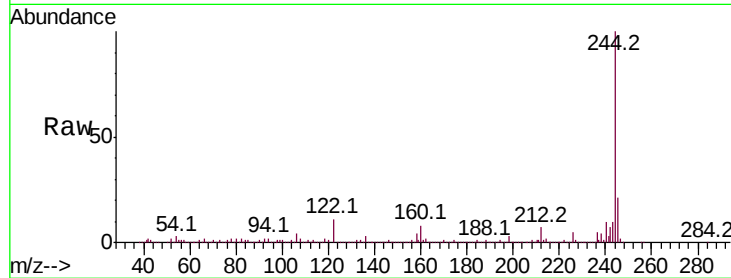
212 7.5 5.4 8.0

122 11.0 11.0 16.4

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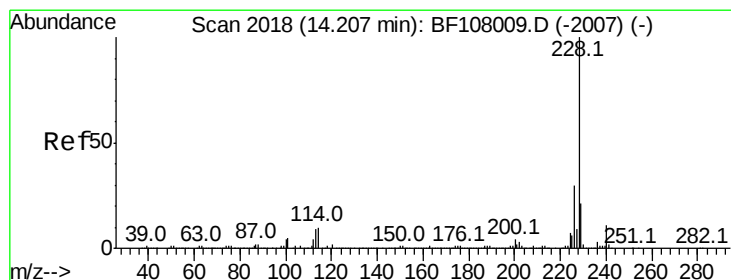
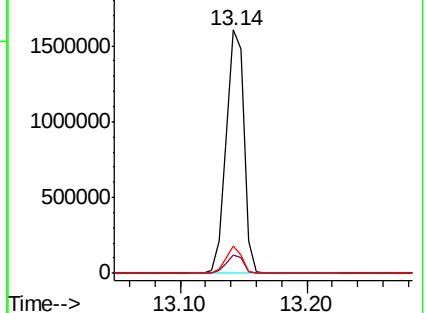
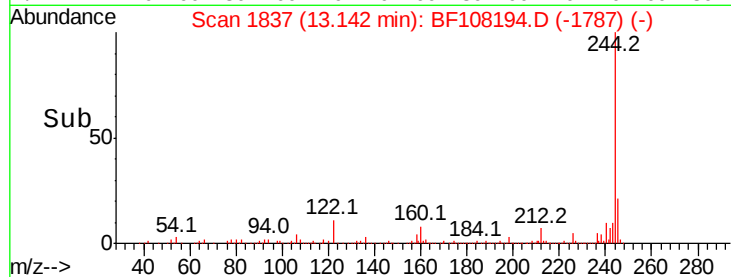
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.125 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108194.D

Acq: 16 Aug 2018 14:54

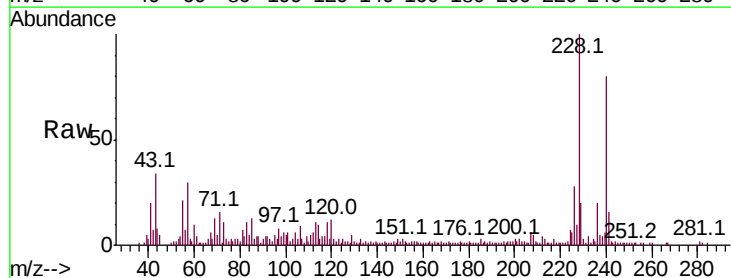
Tgt Ion:228 Resp: 51281

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

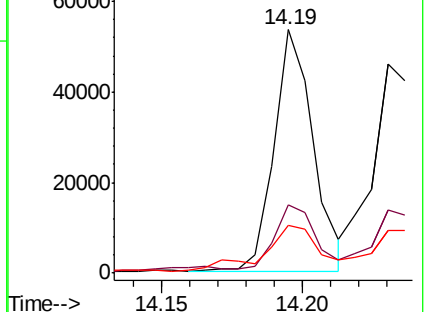
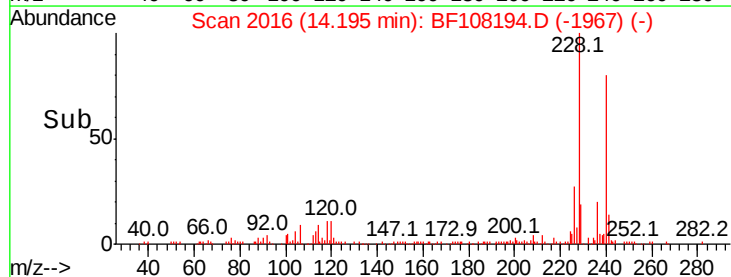
229 19.8 15.8 23.6

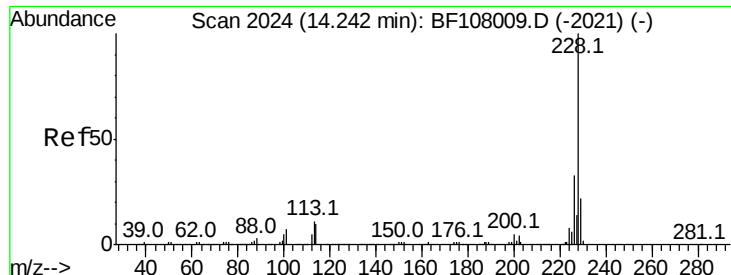


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





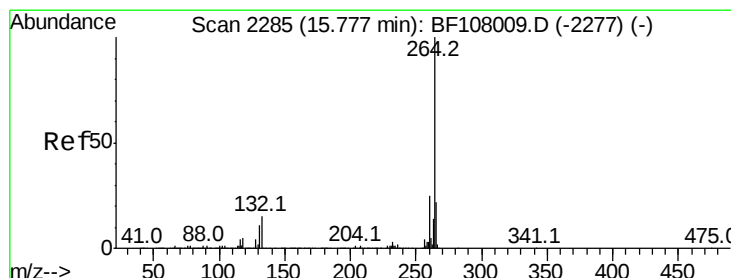
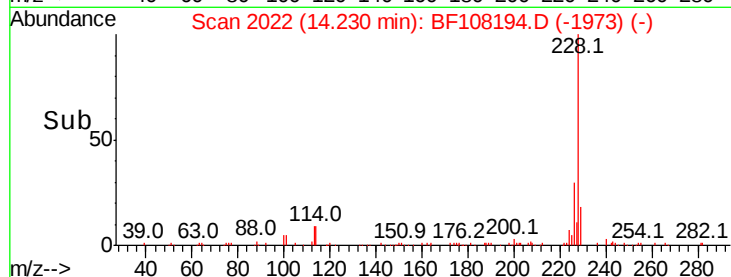
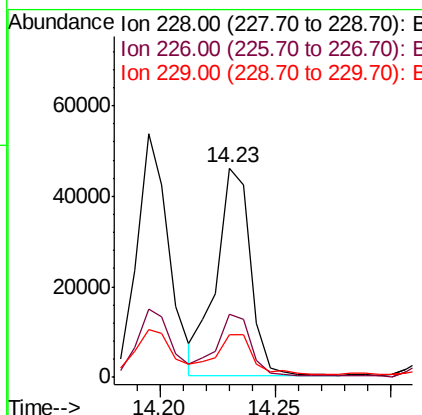
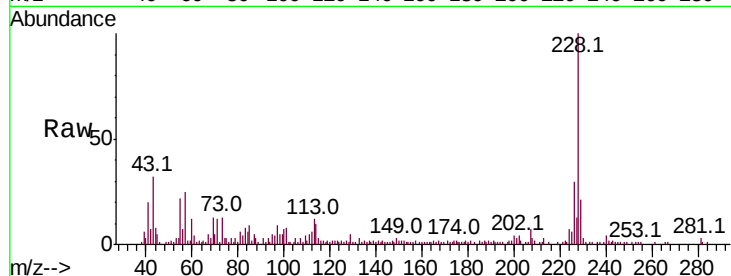
#82
Chrysene
Concen: 2.134 ng
RT: 14.23 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-004-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.6	16.2	24.4

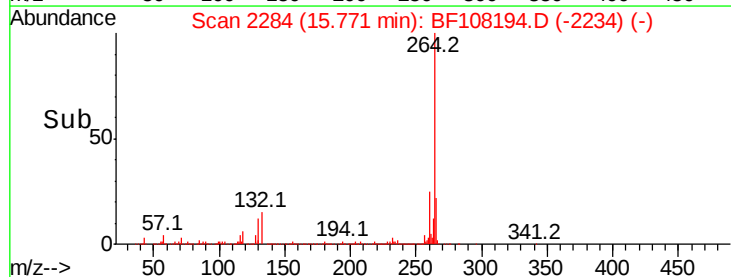
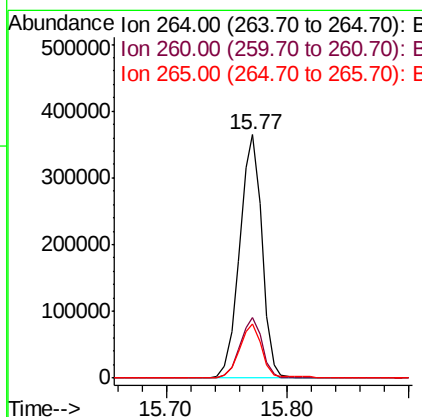
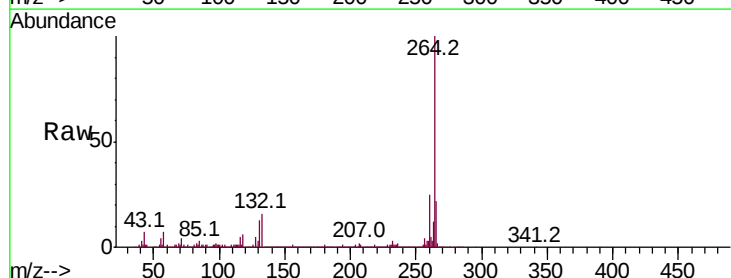
Manual Integrations
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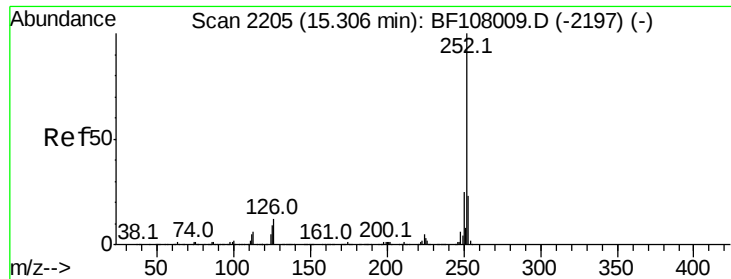
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108194.D
Acq: 16 Aug 2018 14:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.1	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.312 ng m
 RT: 15.29 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF108194.D
 Acq: 16 Aug 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-004-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	11.2	9.0	13.6

Manual Integrations
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Sohil
 8/17/2018 5:14:48 PM

