

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108114.D
 Acq On : 13 Aug 2018 14:22
 Operator : JU/SJ
 Sample : J4272-13 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 8/14/2018 3:47:03 PM

Quant Time: Aug 14 13:51:37 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	286458	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	1039810	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	480149	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	767793	20.00	ng	0.01
75) Chrysene-d12	14.23	240	694501	20.00	ng	0.01
86) Perylene-d12	15.81	264	665035	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	771350	48.75	ng	0.01
7) Phenol-d6	6.63	99	1036980	49.32	ng	0.00
23) Nitrobenzene-d5	7.58	82	664289	35.65	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	216027	45.11	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1208344	40.40	ng	0.00
78) Terphenyl-d14	13.16	244	1008218	36.91	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.77	163	96455	2.884	ng	Qvalue # 97
74) Fluoranthene	12.79	202	142890	3.615	ng	95
77) Pyrene	13.02	202	137744	3.133	ng	99
80) Benzo(a)anthracene	14.22	228	82455	2.069	ng	95
82) Chrysene	14.25	228	84509m	2.313	ng	
87) Benzo(b)fluoranthene	15.33	252	109193m	2.748	ng	
89) Benzo(a)pyrene	15.74	252	74556	2.095	ng	# 83

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

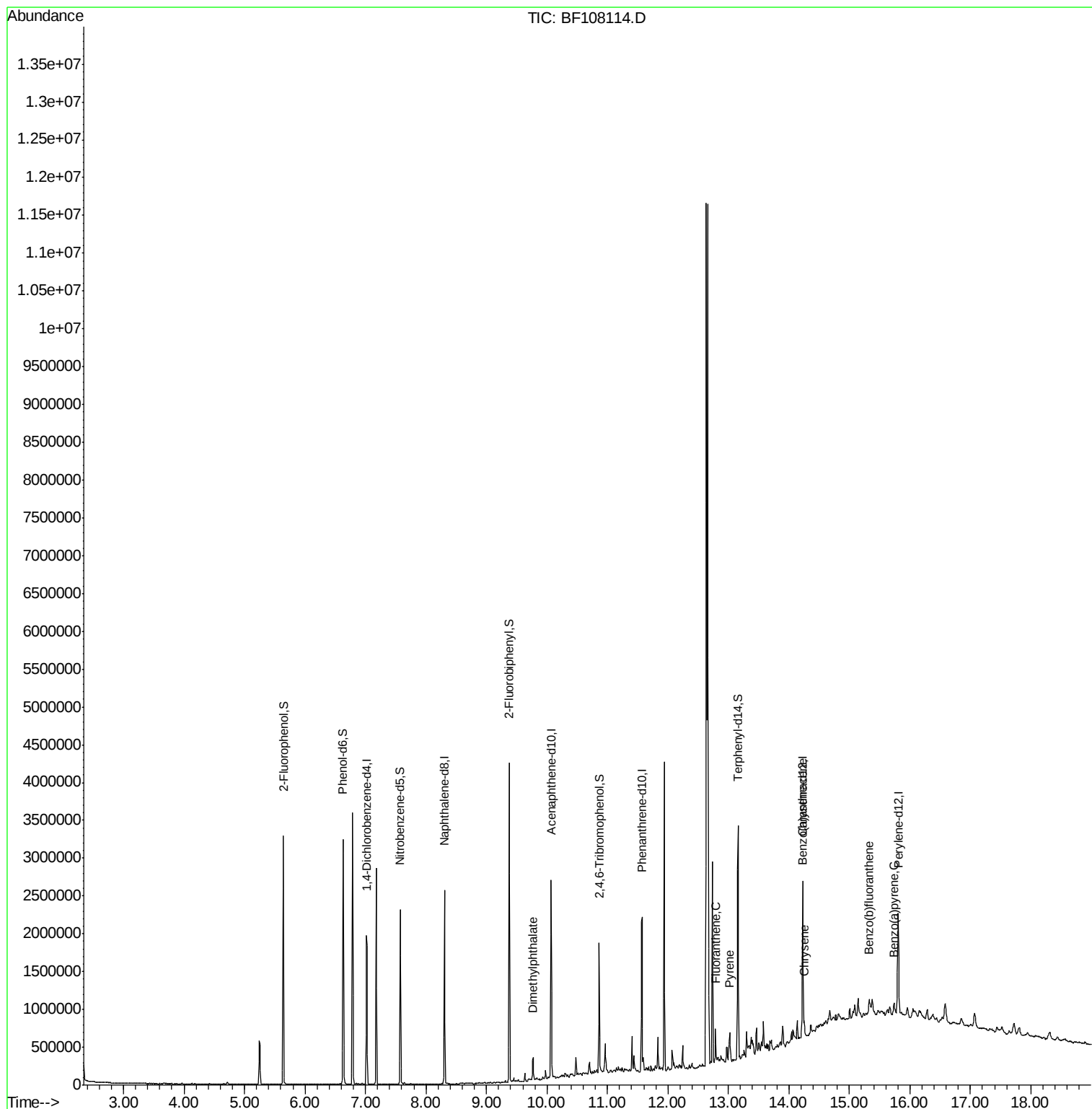
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108114.D
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Misc :
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Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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Response via : Initial Calibration





#1

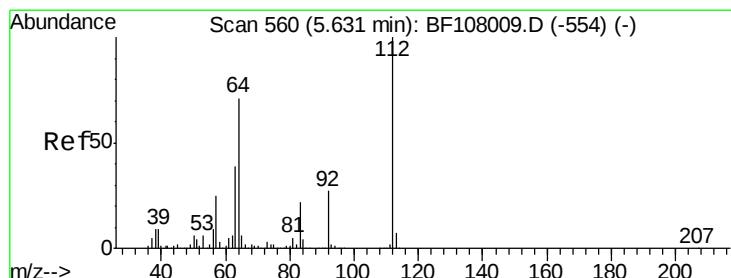
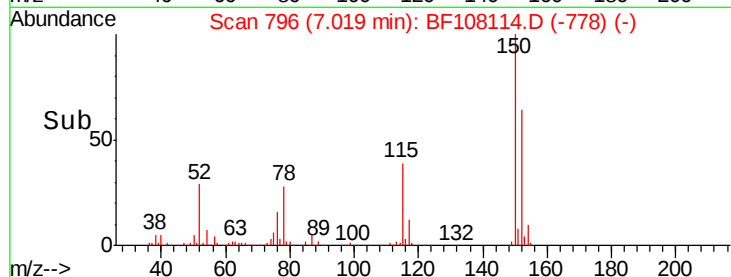
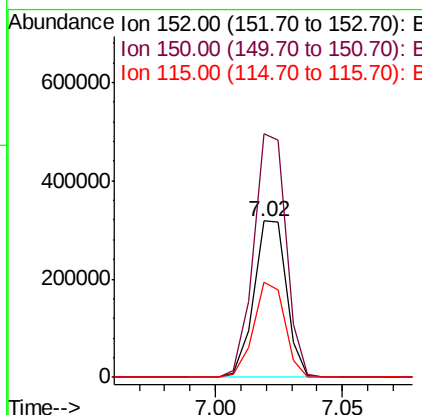
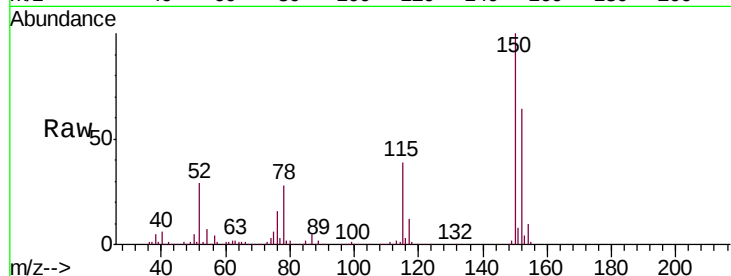
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108114.D
Acq: 13 Aug 2018 14:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	286458		
150	155.9	124.6	186.8	
115	60.9	50.1	75.1	

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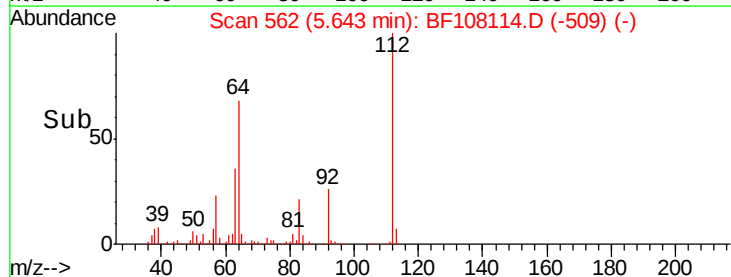
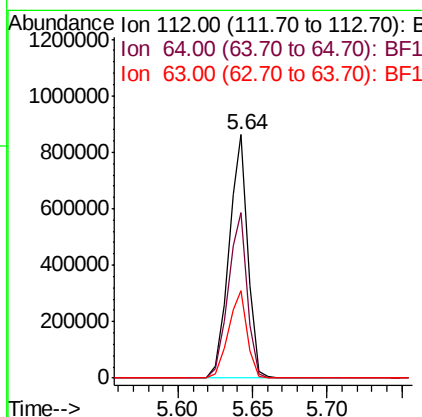
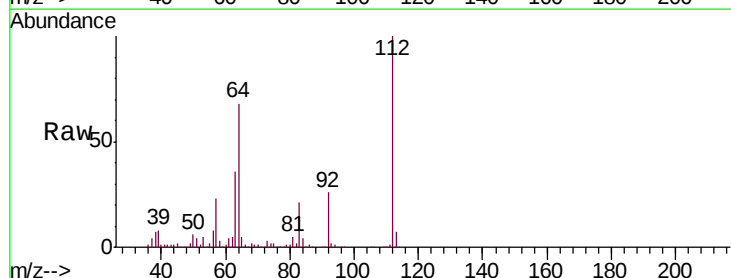
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#5

2-Fluorophenol
Concen: 48.750 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108114.D
Acq: 13 Aug 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	771350		
64	67.9	47.9	71.9	
63	35.7	23.7	35.5	





#7

Phenol-d6

Concen: 49.319 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108114.D

Acq: 13 Aug 2018 14:22

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-G

Tgt Ion: 99 Resp: 1036980

Ion Ratio Lower Upper

99 100

42 24.5 14.5 21.7#

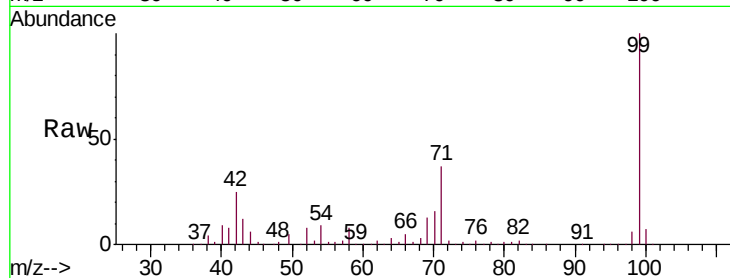
71 36.8 25.4 38.0

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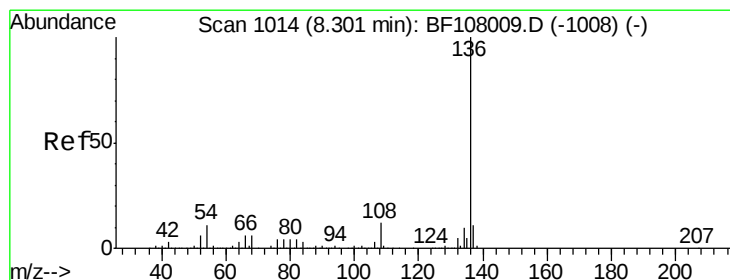
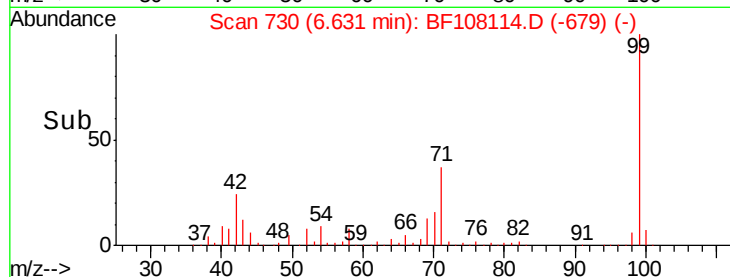
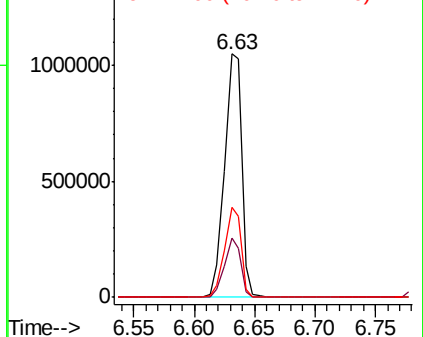
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: BF108114.D

Acq: 13 Aug 2018 14:22

Tgt Ion: 136 Resp: 1039810

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.7 6.6 9.8

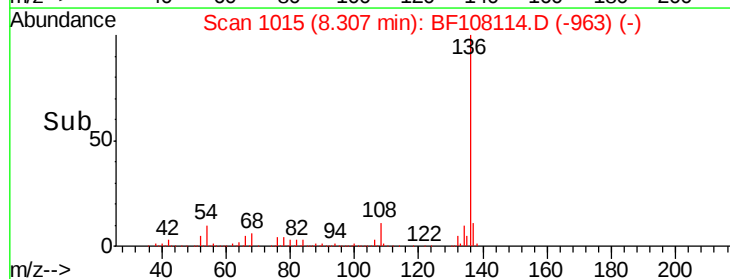
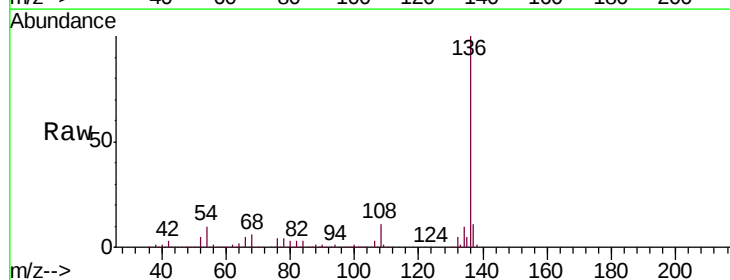
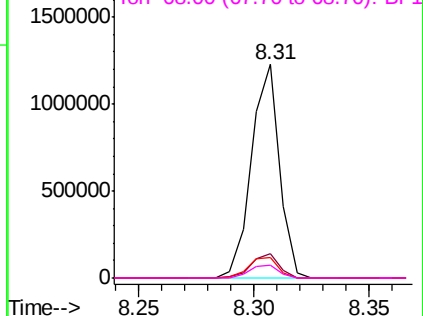
68 6.1 5.0 7.4

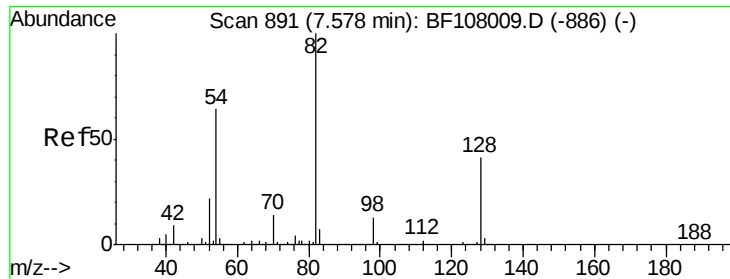
Abundance Ion 136.00 (135.70 to 136.70): E

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





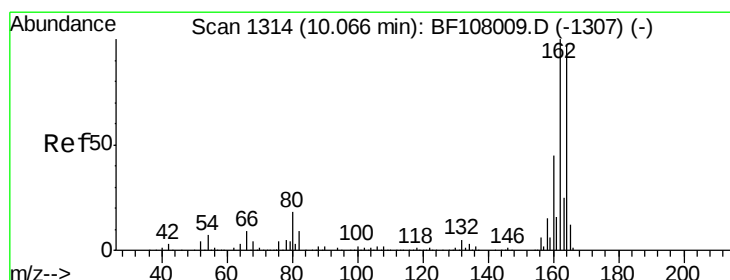
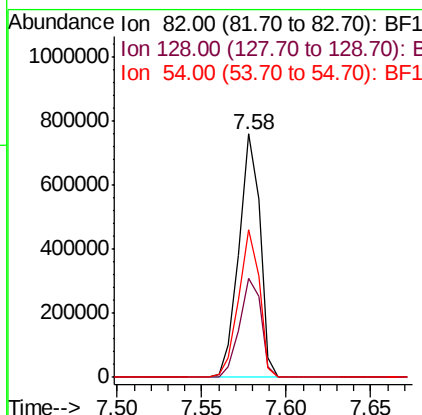
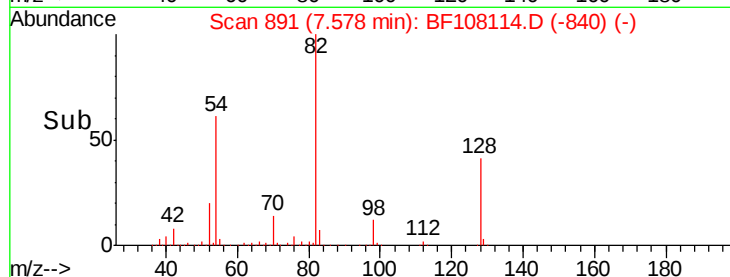
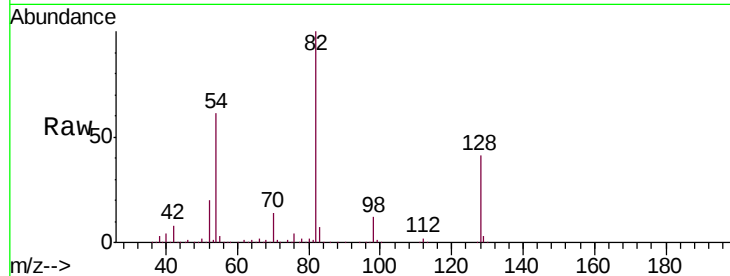
#23
 Nitrobenzene-d5
 Concen: 35.649 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108114.D
 Acq: 13 Aug 2018 14:22

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	60.7	41.4	62.2

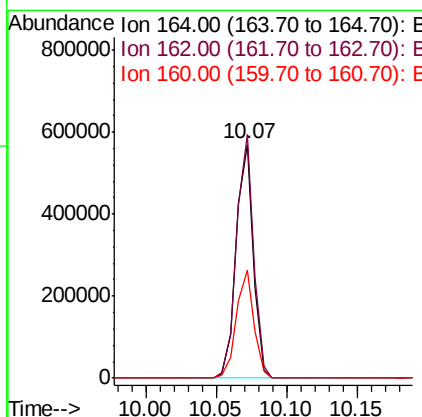
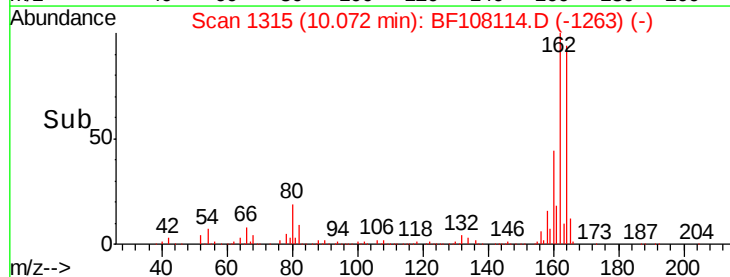
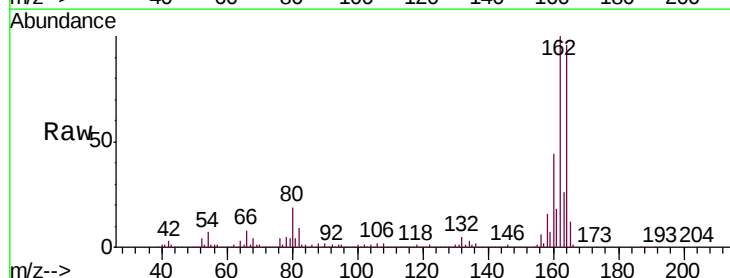
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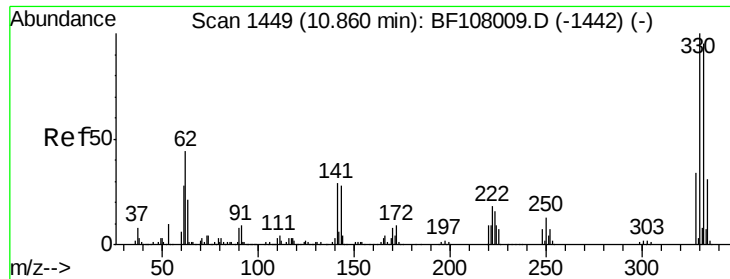
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108114.D
 Acq: 13 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.3	38.3	57.5





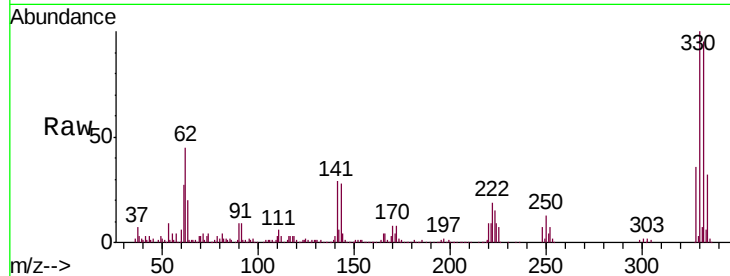
#41
 2,4,6-Tribromophenol
 Concen: 45.106 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108114.D
 Acq: 13 Aug 2018 14:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	216027		
332	94.8	77.0	115.6	
141	33.3	29.9	44.9	

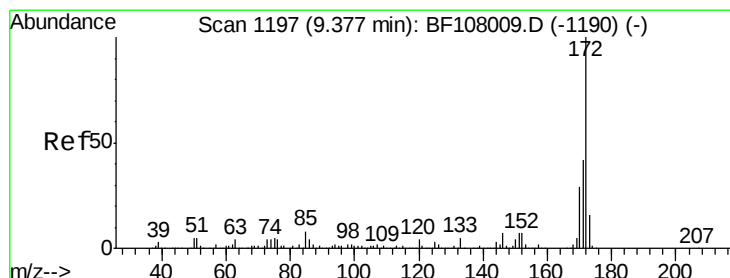
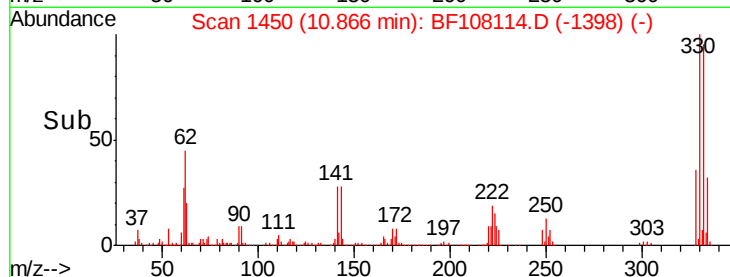
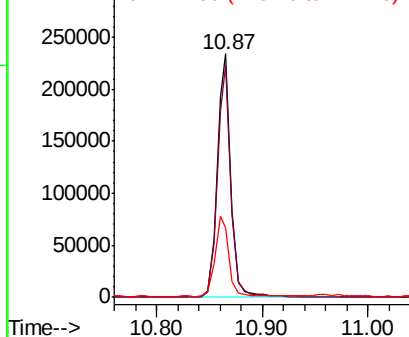
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Abundance

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

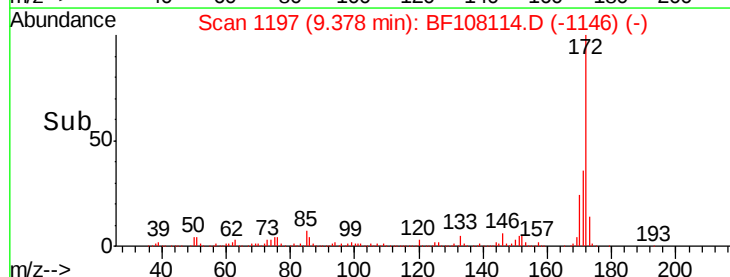
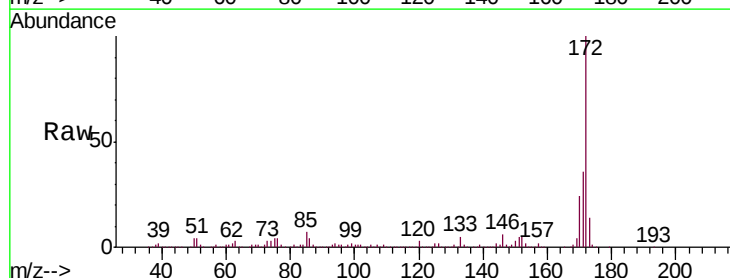
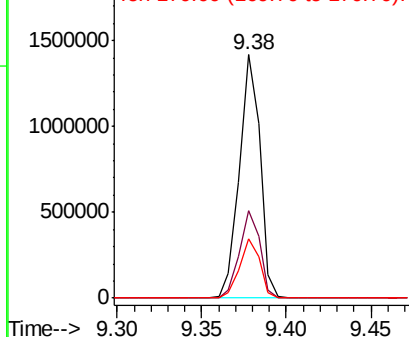


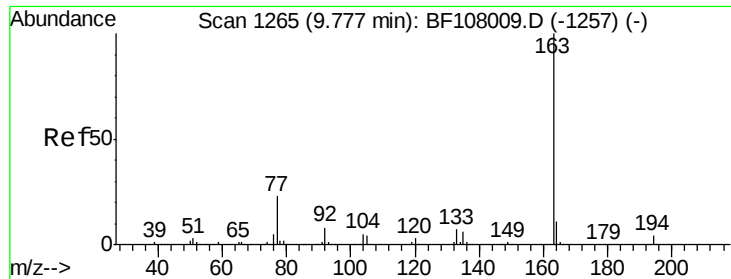
#44
 2-Fluorobiphenyl
 Concen: 40.403 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108114.D
 Acq: 13 Aug 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1208344		
171	36.0	29.7	44.5	
170	24.4	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





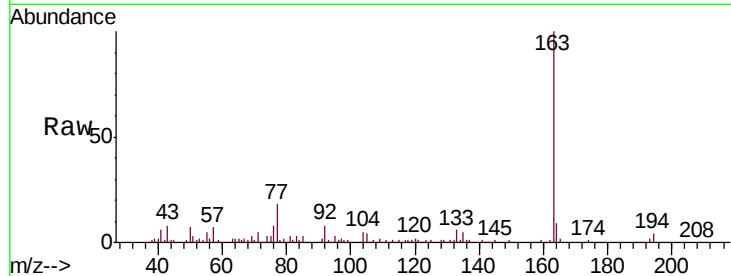
#49
Dimethylphthalate
Concen: 2.884 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108114.D
Acq: 13 Aug 2018 14:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	96455		
194	4.4	2.7	4.1#	
164	9.1	8.2	12.2	

Manual Integrations
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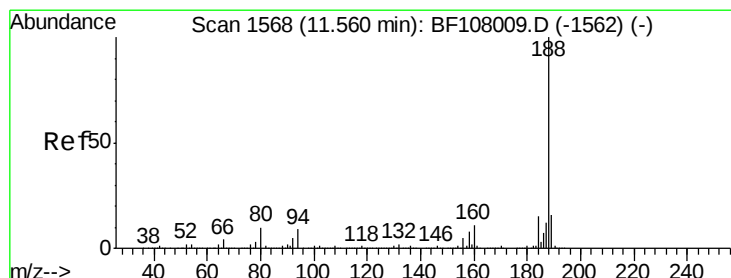
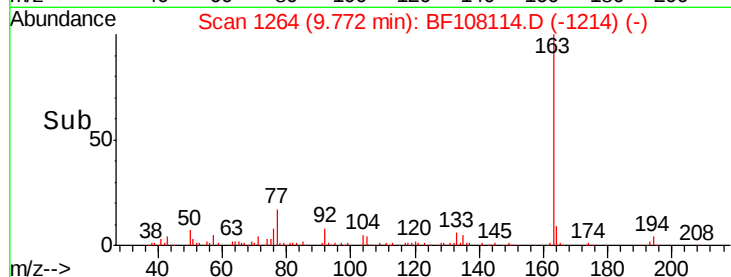
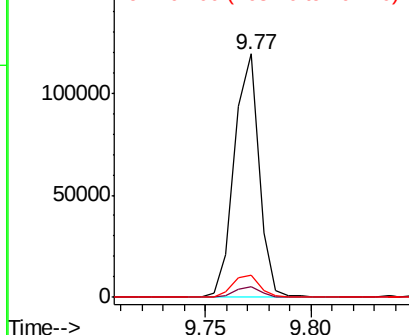


Abundance

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# 1570
Delta R.T. 0.01 min
Lab File: BF108114.D
Acq: 13 Aug 2018 14:22

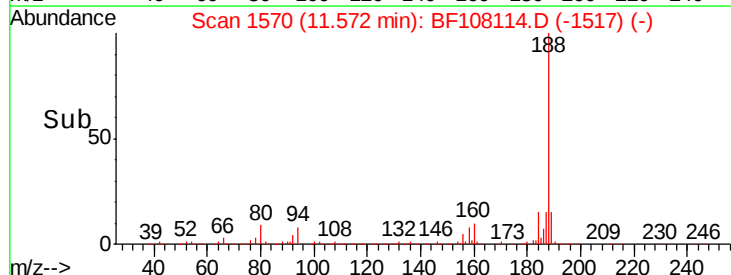
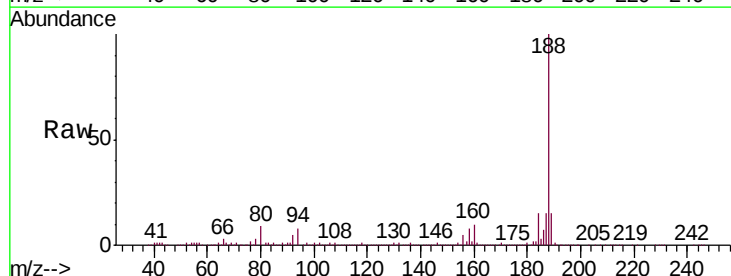
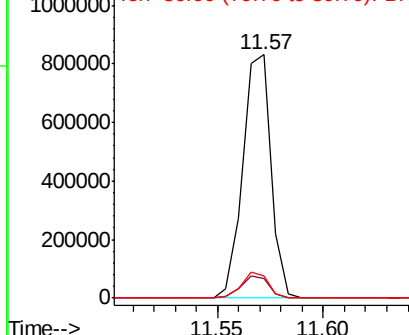
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	767793		
94	8.1	8.5	12.7#	
80	9.1	9.2	13.8#	

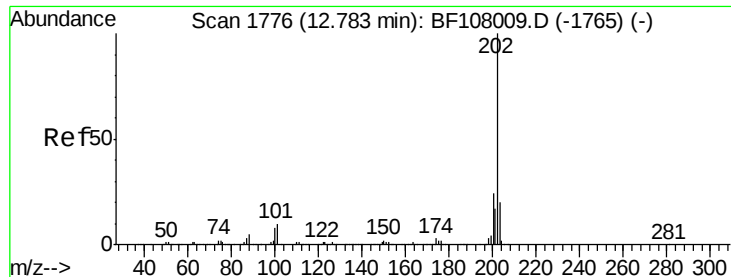
Abundance

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





#74

Fluoranthene

Concen: 3.615 ng

RT: 12.79 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF108114.D

Acq: 13 Aug 2018 14:22

Instrument :

BNA_F

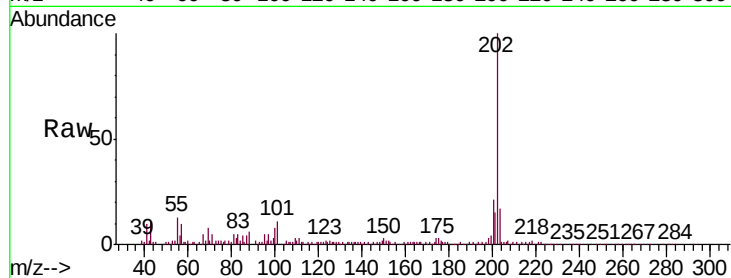
ClientSampleId :

JC-03-080918-G

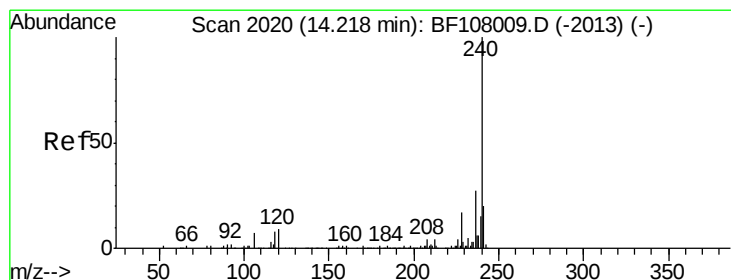
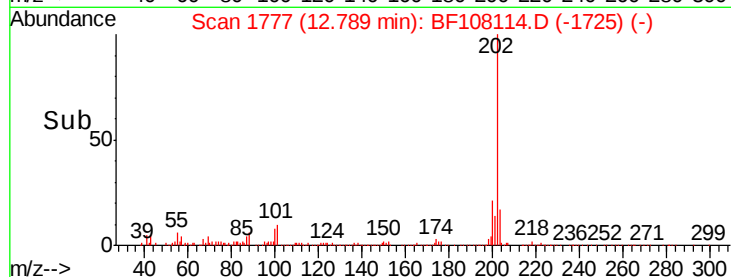
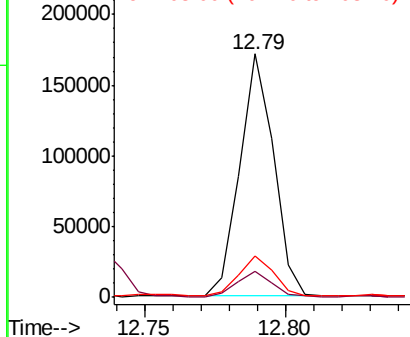
Tgt Ion:	202	Resp:	142890
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	17.2	0.0	38.1

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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

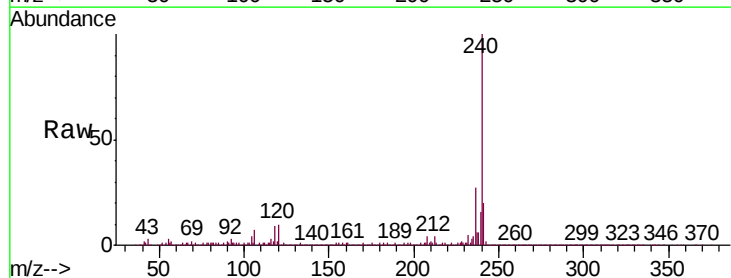
RT: 14.23 min Scan# 2022

Delta R.T. 0.01 min

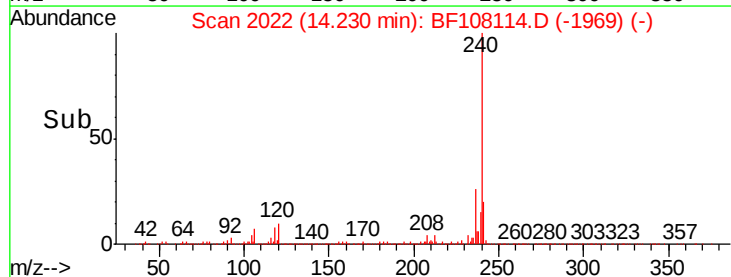
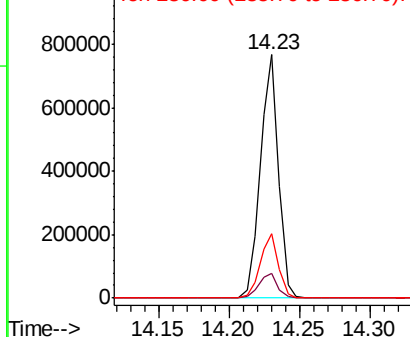
Lab File: BF108114.D

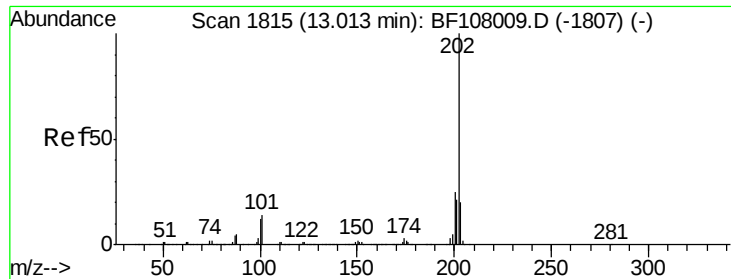
Acq: 13 Aug 2018 14:22

Tgt Ion:	240	Resp:	694501
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	26.6	20.7	31.1



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: 3.133 ng

RT: 13.02 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF108114.D

Acq: 13 Aug 2018 14:22

Instrument :

BNA_F

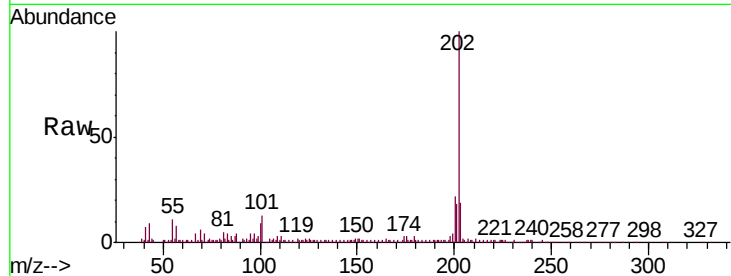
ClientSampleId :

JC-03-080918-G

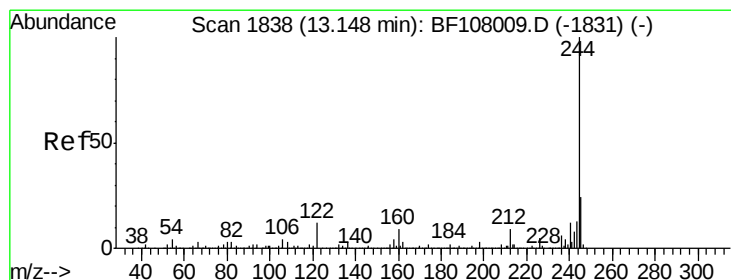
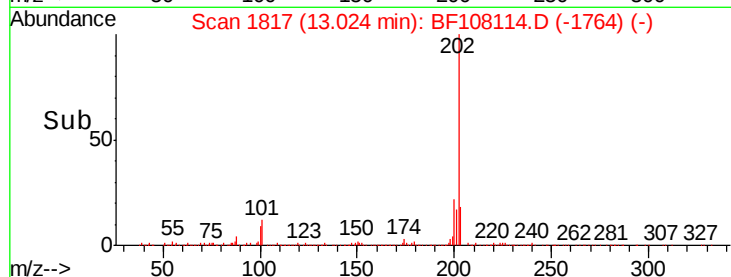
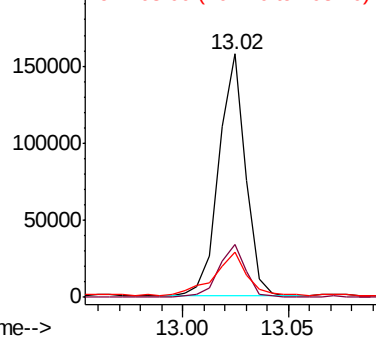
Tgt Ion:	202	Resp:	137744
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	18.6	14.3	21.5

Manual Integrations
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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: 36.911 ng

RT: 13.16 min Scan# 1840

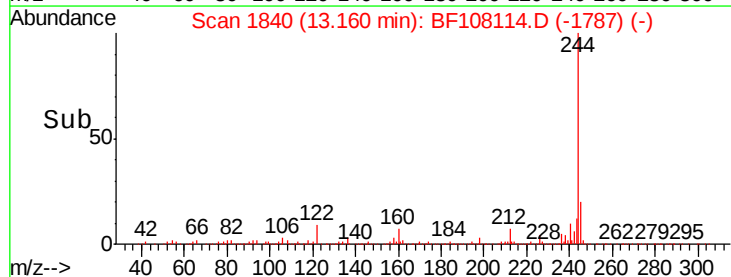
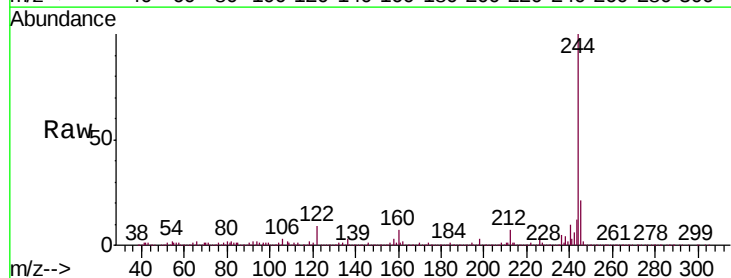
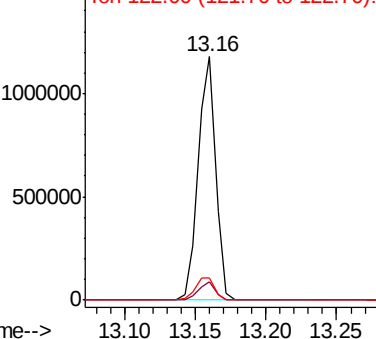
Delta R.T. 0.01 min

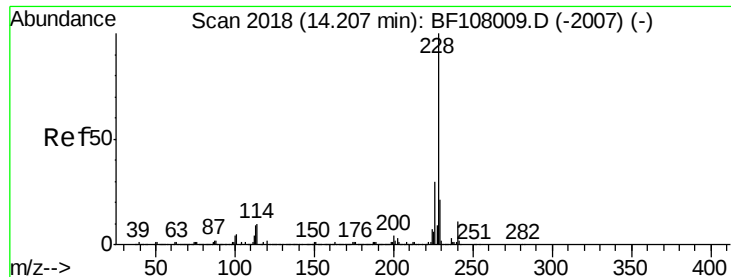
Lab File: BF108114.D

Acq: 13 Aug 2018 14:22

Tgt Ion:	244	Resp:	1008218
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	9.2	11.0	16.4#

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





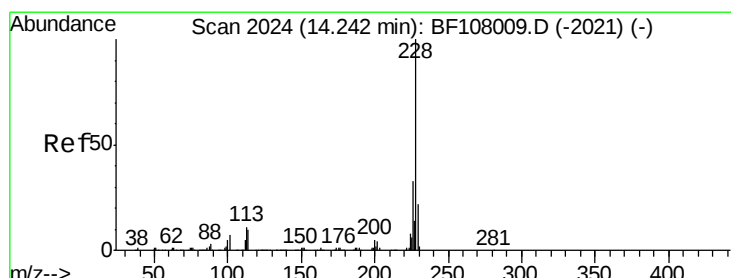
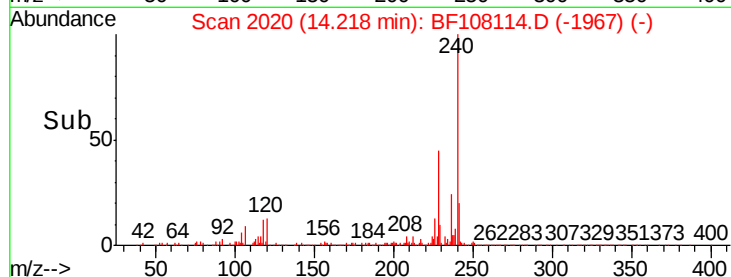
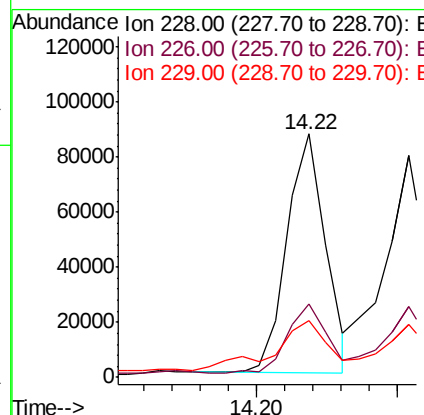
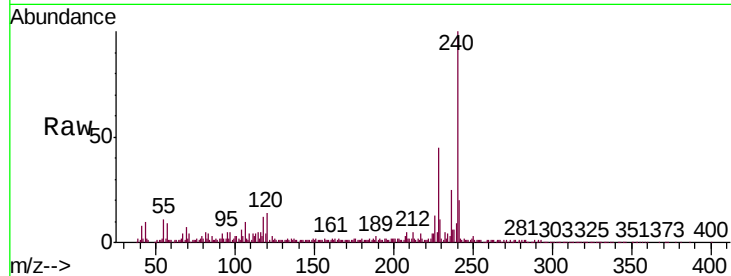
#80
Benzo(a)anthracene
Concen: 2.069 ng
RT: 14.22 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF108114.D
Acq: 13 Aug 2018 14:22

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	82455		
226	30.0	22.6	33.8	
229	23.5	15.8	23.6	

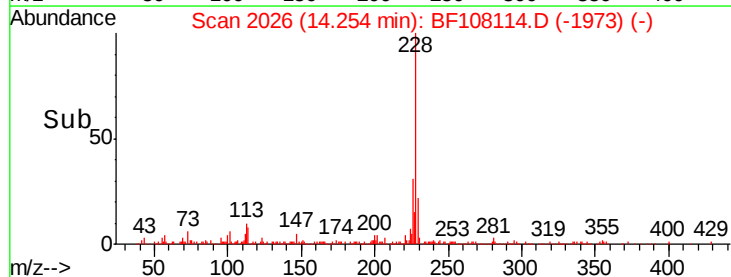
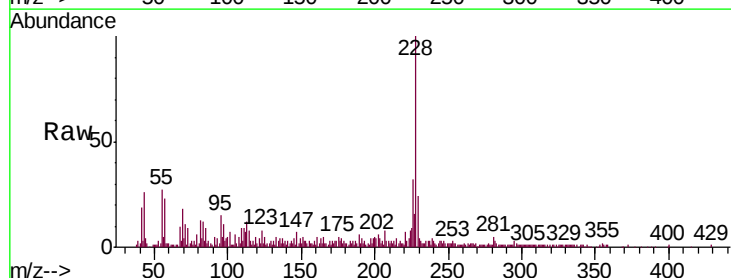
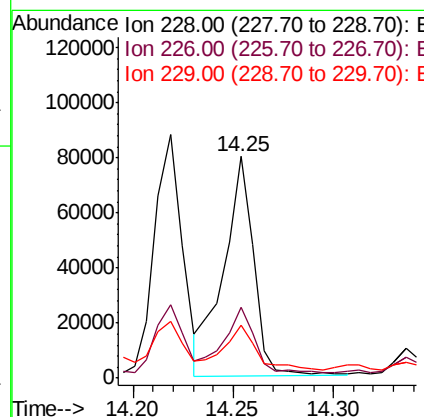
Manual Integrations
APPROVED

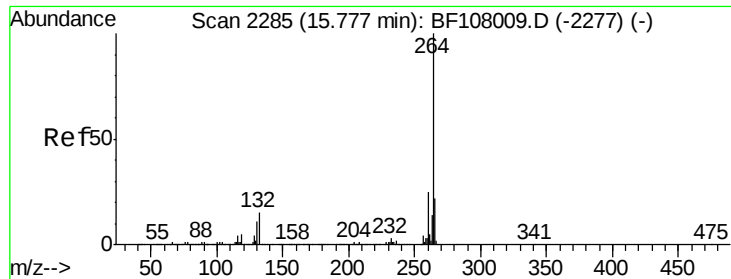
Sohil
8/14/2018 3:47:03 PM



#82
Chrysene
Concen: 2.313 ng m
RT: 14.25 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF108114.D
Acq: 13 Aug 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	84509		
226	32.0	25.0	37.6	
229	23.7	16.2	24.4	





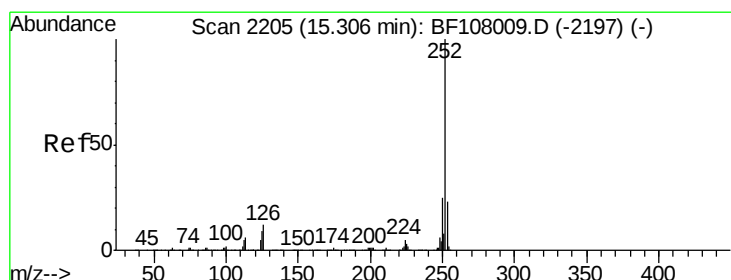
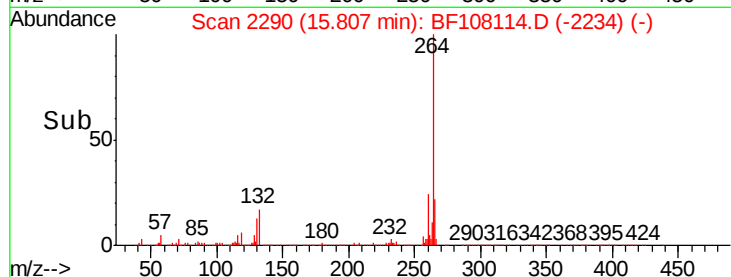
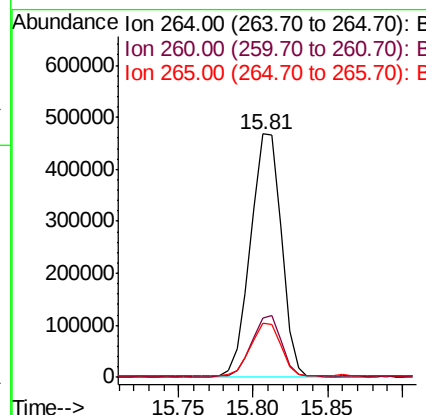
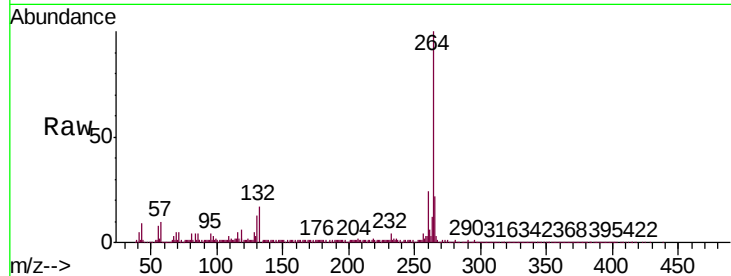
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.81 min Scan# 2290
Delta R.T. 0.03 min
Lab File: BF108114.D
Acq: 13 Aug 2018 14:22

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.3	17.5	26.3

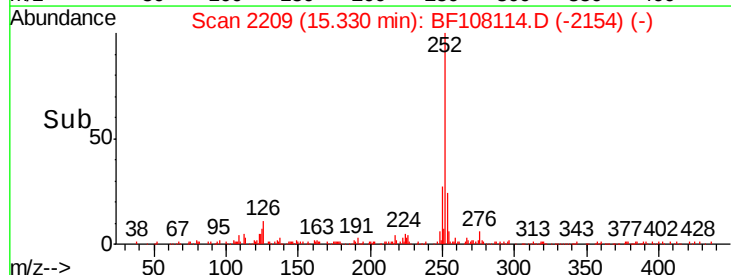
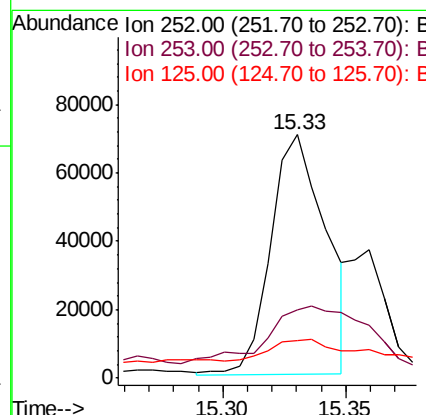
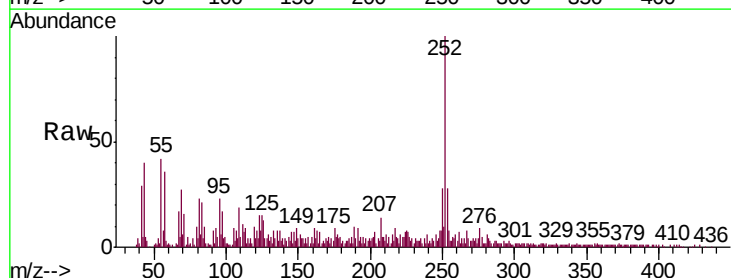
Manual Integrations
APPROVED

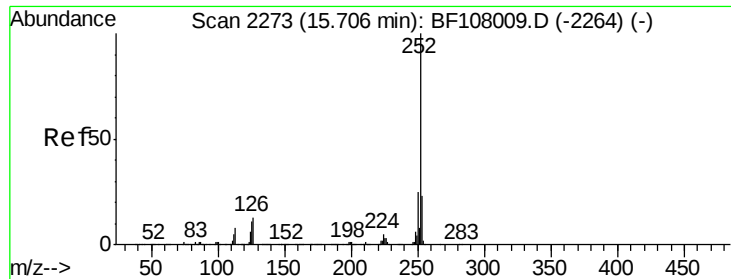
Sohil
8/14/2018 3:47:03 PM



#87
Benzo(b)fluoranthene
Concen: 2.748 ng m
RT: 15.33 min Scan# 2209
Delta R.T. 0.02 min
Lab File: BF108114.D
Acq: 13 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.0	25.6#
125	15.3	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.095 ng
 RT: 15.74 min Scan# 2278
 Delta R.T. 0.03 min
 Lab File: BF108114.D
 Acq: 13 Aug 2018 14:22

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

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	28.4	17.1	25.7#
125	19.8	9.8	14.6#

Manual Integrations
 APPROVED

Sohil
 8/14/2018 3:47:03 PM

