

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108273.D
 Acq On : 18 Aug 2018 5:31
 Operator : JU/SJ
 Sample : J4511-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-030

Manual Integrations
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Sohil
 8/20/2018 12:48:46 PM

Quant Time: Aug 18 06:56:47 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	147863	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	538007	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	230218	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	368098	20.00	ng	0.00
75) Chrysene-d12	14.21	240	347768	20.00	ng	0.00
86) Perylene-d12	15.78	264	219371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	903158	110.58	ng	0.02
7) Phenol-d6	6.64	99	1192015	109.83	ng	0.01
23) Nitrobenzene-d5	7.58	82	796952	82.66	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	237199	103.29	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1384024	96.52	ng	0.00
78) Terphenyl-d14	13.15	244	1143592	83.61	ng	0.00
Target Compounds						
10) Phenol	6.65	94	28468	2.536	ng	94
49) Dimethylphthalate	9.77	163	147543	9.200	ng	# 98
74) Fluoranthene	12.78	202	55157	2.911	ng	97
77) Pyrene	13.01	202	48428	2.200	ng	99
87) Benzo(b)fluoranthene	15.31	252	28918m	2.206	ng	

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

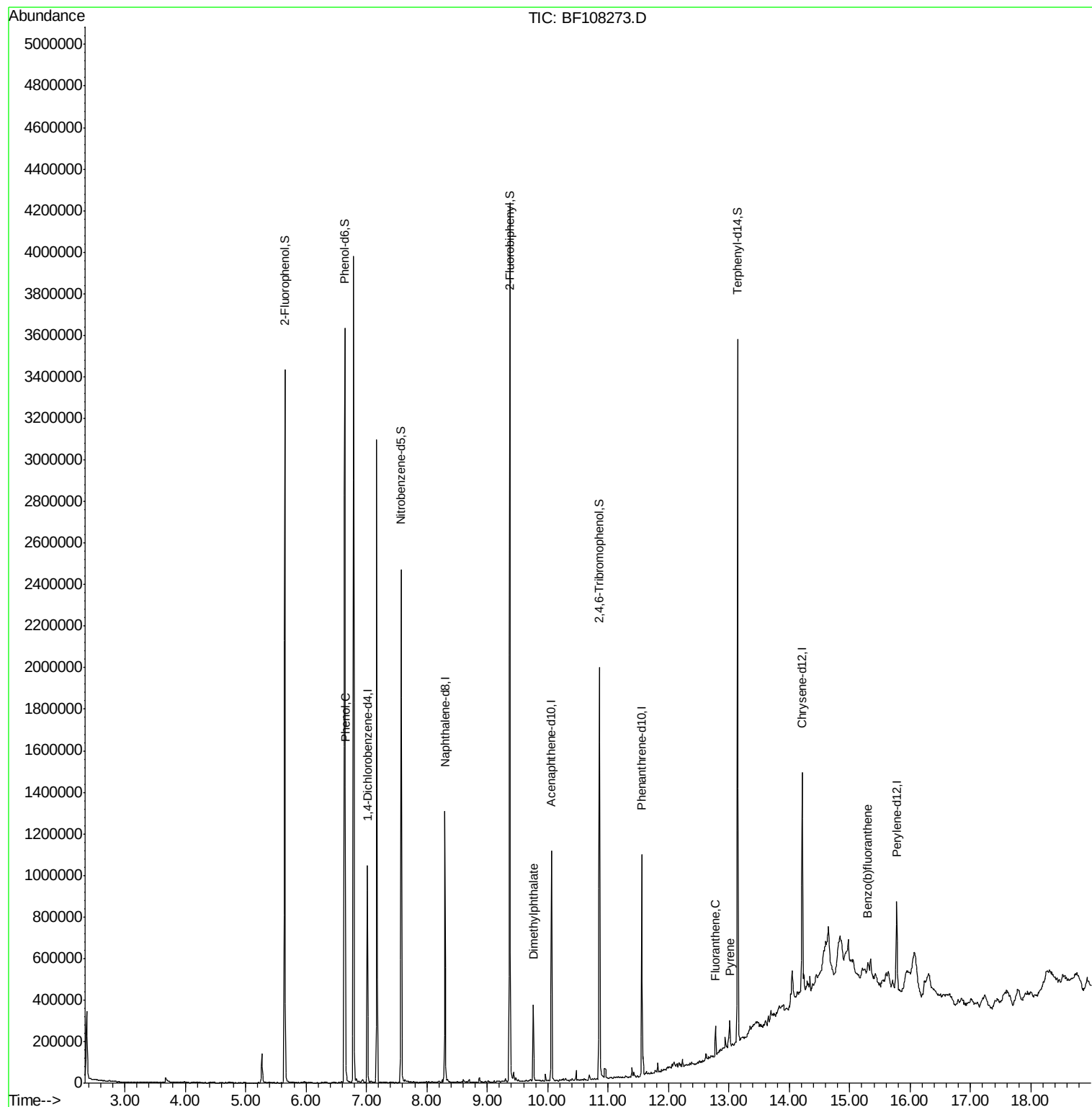
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108273.D
Acq On : 18 Aug 2018 5:31
Operator : JU/SJ
Sample : J4511-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

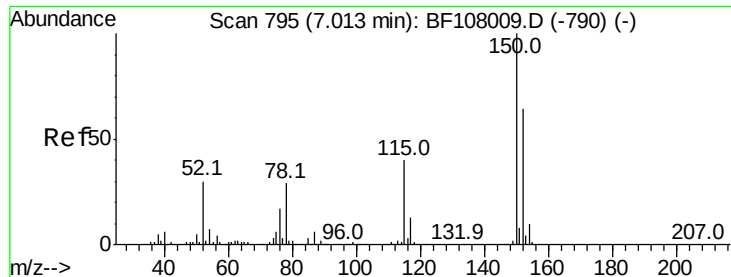
Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

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#1

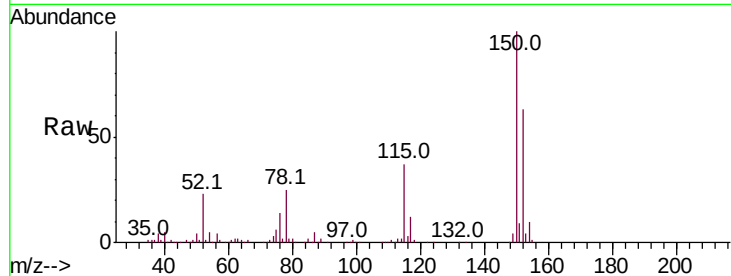
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	58.4	50.1	75.1

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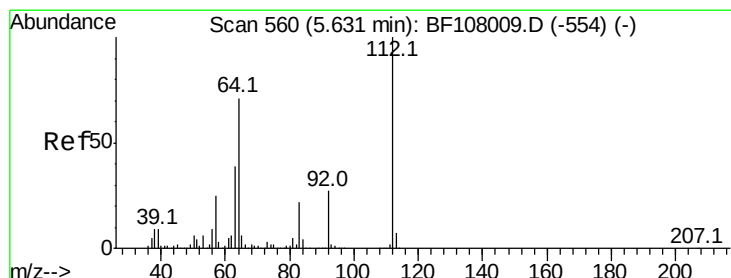
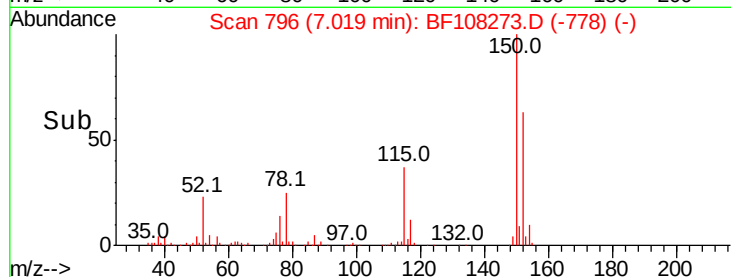
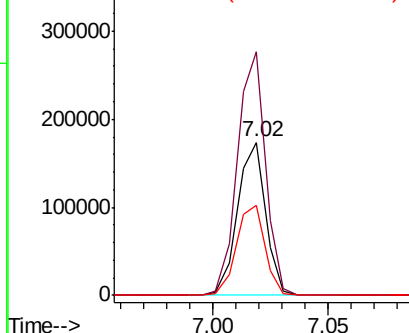


Abundance

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: 110.584 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

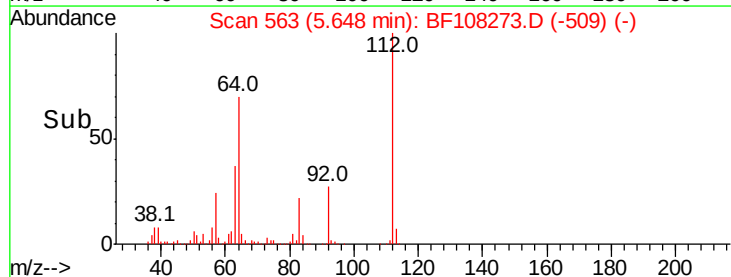
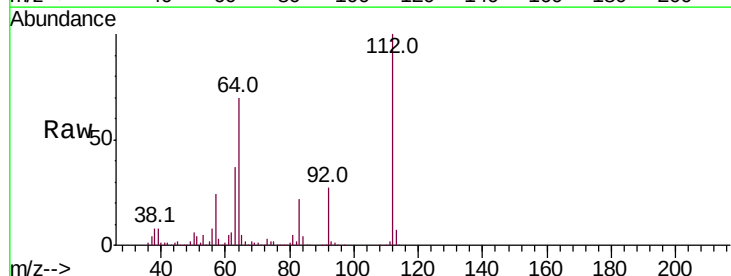
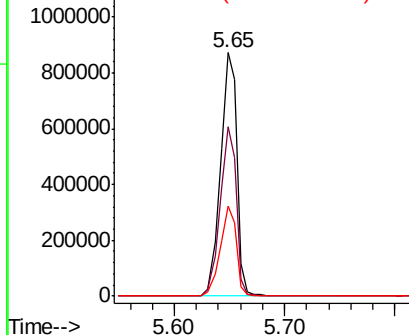
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	47.9	71.9
63	37.1	23.7	35.5

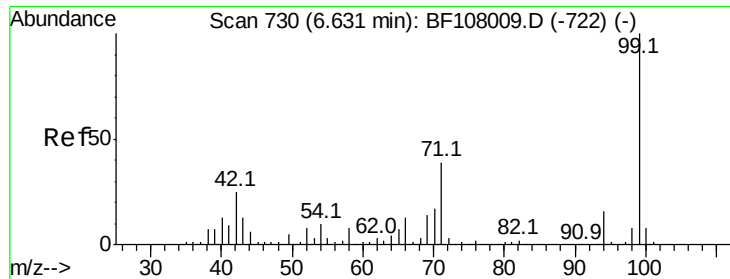
Abundance

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: 109.832 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108273.D

Acq: 18 Aug 2018 5:31

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-030

Tot Ion: 99 Resp: 1192015

Ion Ratio Lower Upper

99 100

42 23.2 14.5 21.7#

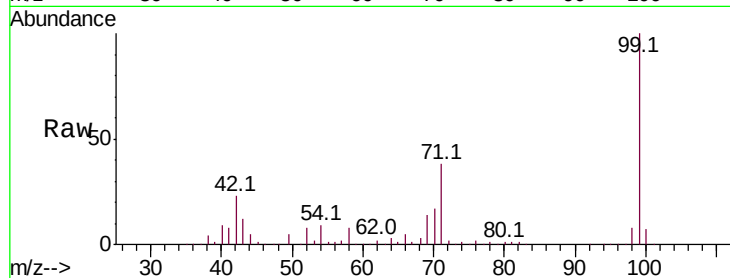
71 37.5 25.4 38.0

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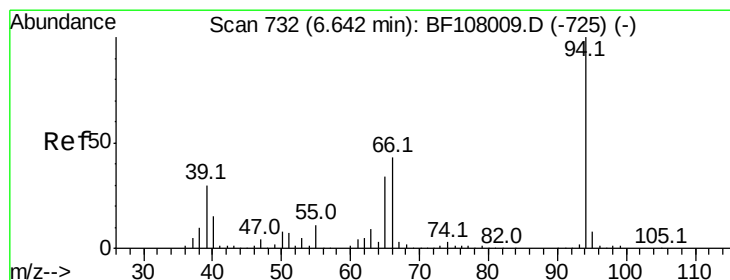
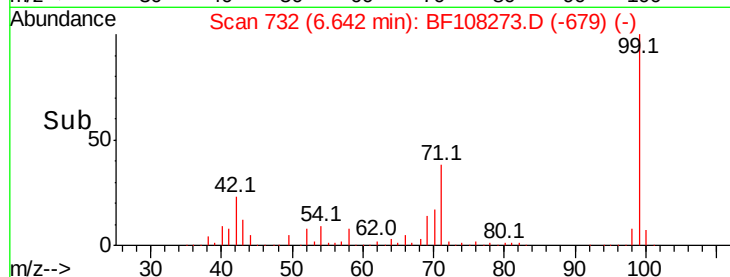
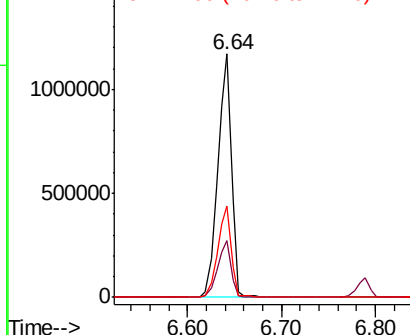
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.536 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108273.D

Acq: 18 Aug 2018 5:31

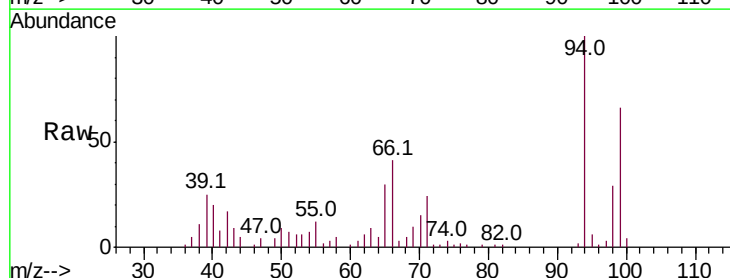
Tgt Ion: 94 Resp: 28468

Ion Ratio Lower Upper

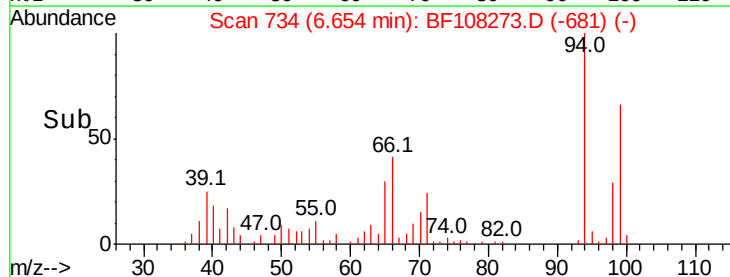
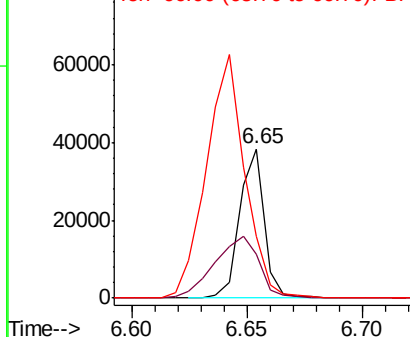
94 100

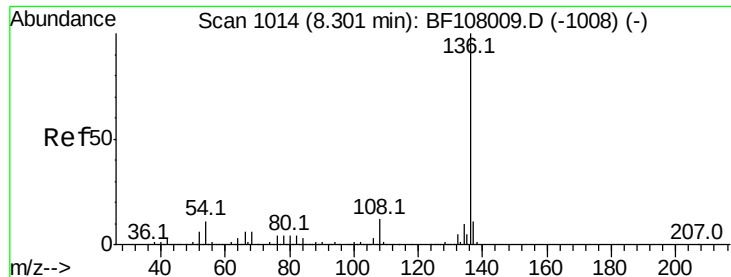
65 29.7 7.9 47.9

66 41.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





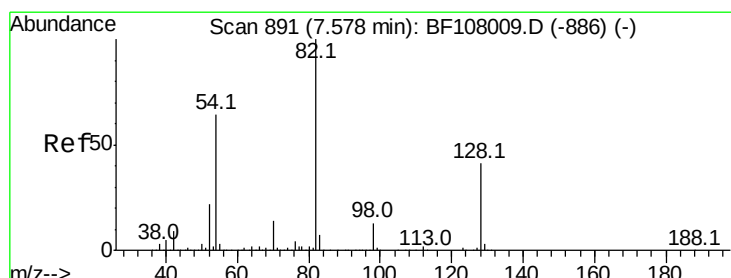
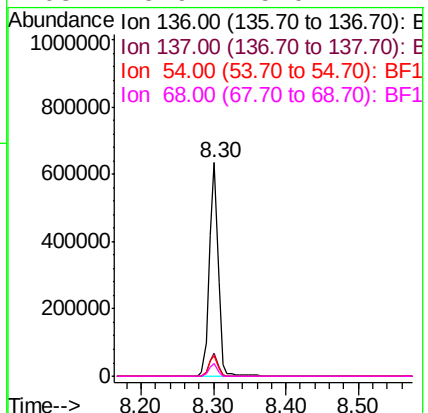
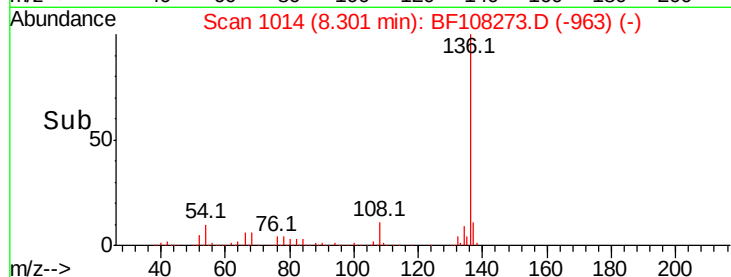
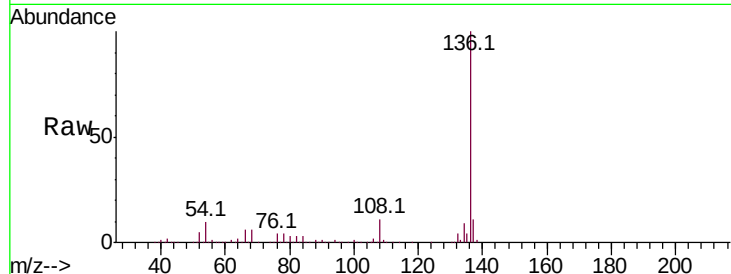
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	9.6	6.6	9.8	
68	5.9	5.0	7.4	

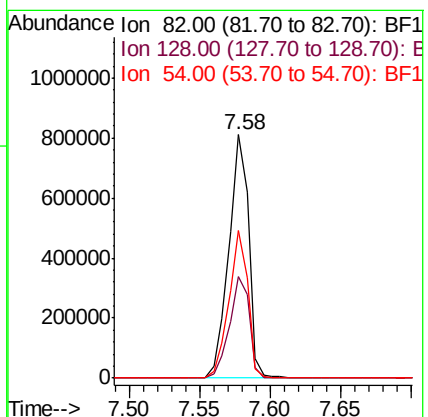
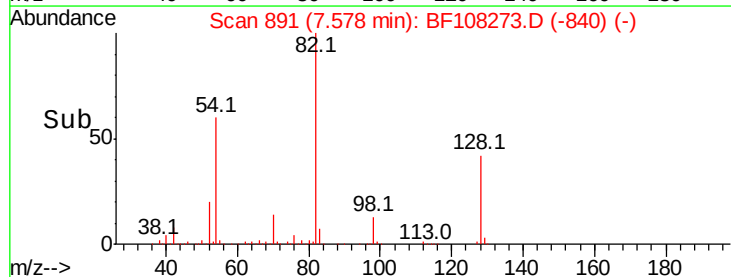
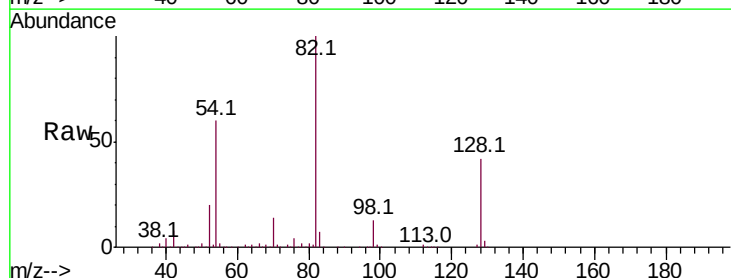
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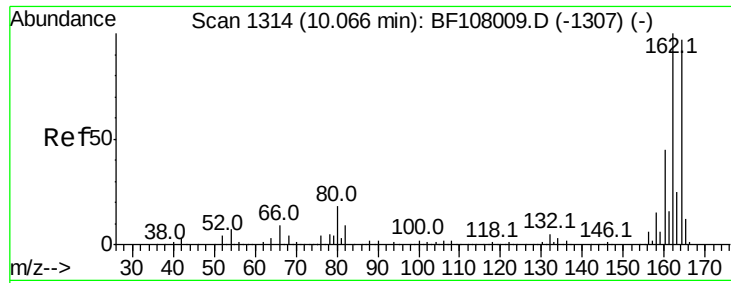
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#23
Nitrobenzene-d5
Concen: 82.659 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.9	36.1	54.1	
54	60.4	41.4	62.2	





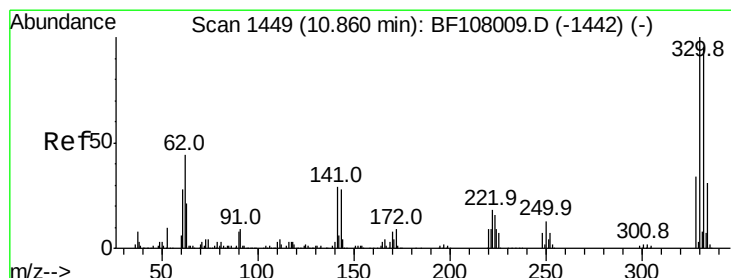
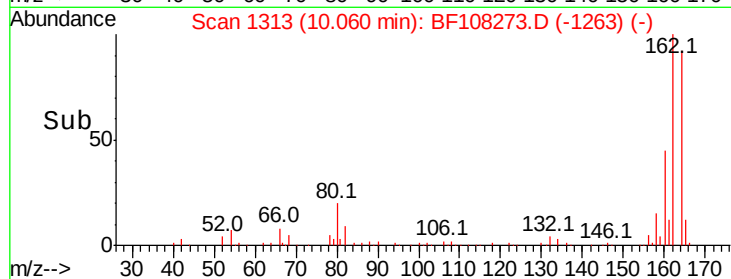
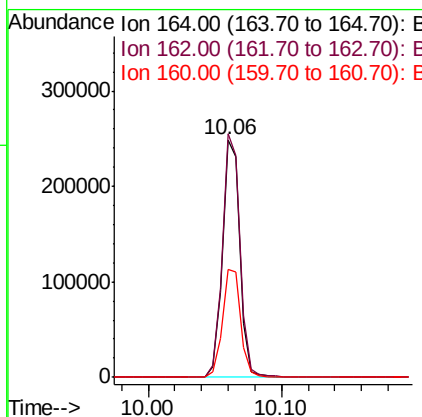
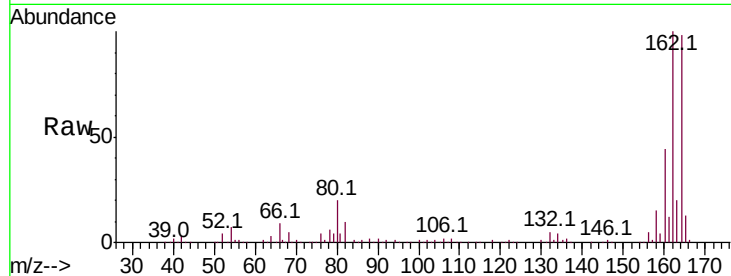
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

Tot Ion	Ratio	Resp	Lower	Upper
164	100	230218		
162	102.4	86.1	129.1	
160	45.4	38.3	57.5	

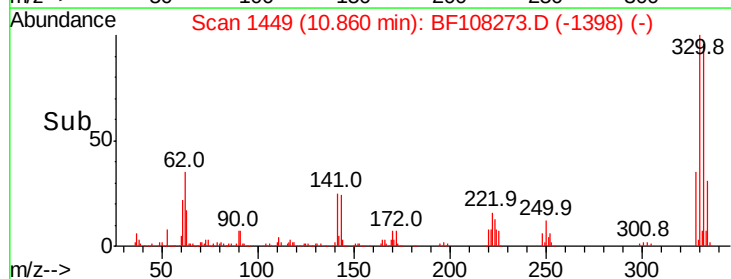
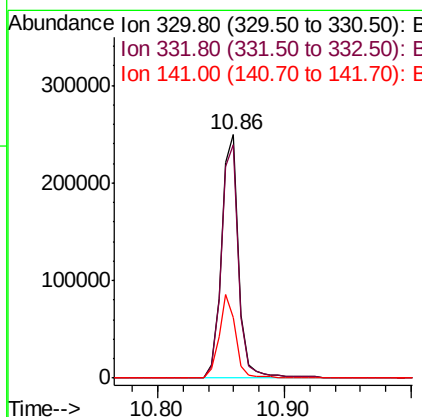
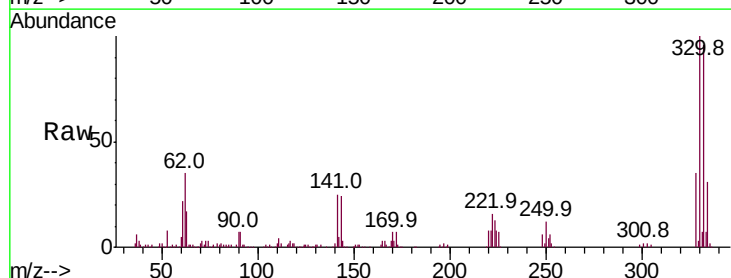
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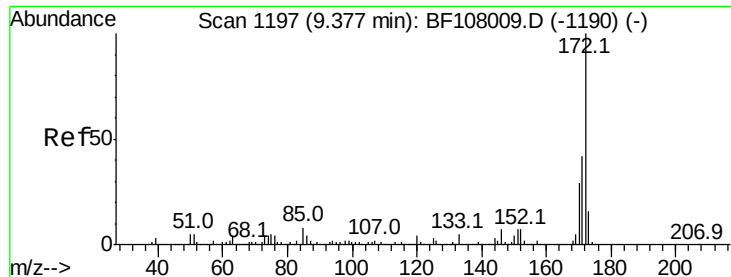
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#41
2,4,6-Tribromophenol
Concen: 103.293 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	237199		
332	97.2	77.0	115.6	
141	33.5	29.9	44.9	





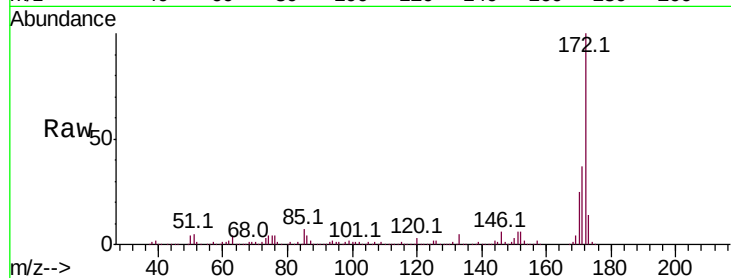
#44
2-Fluorobiphenyl
Concen: 96.518 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
RA-081518-FL-030

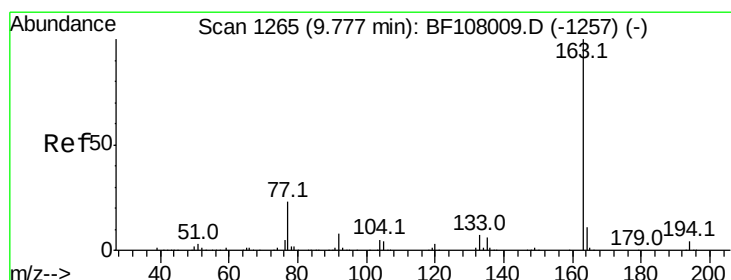
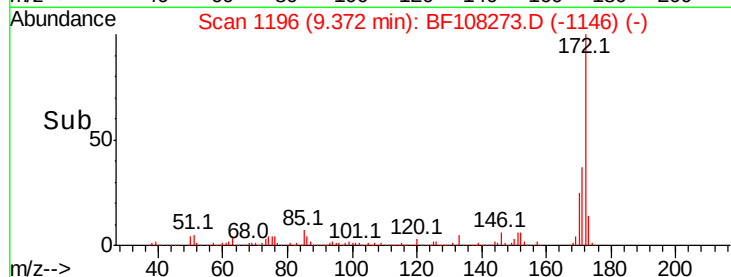
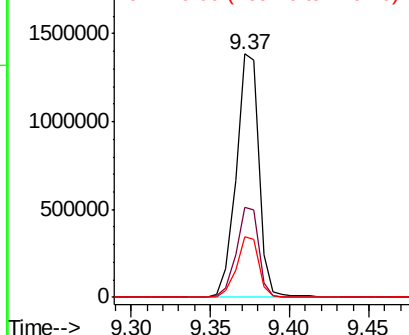
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.0	19.6	29.4

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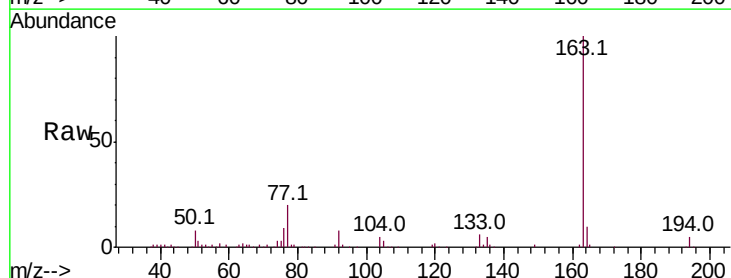


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

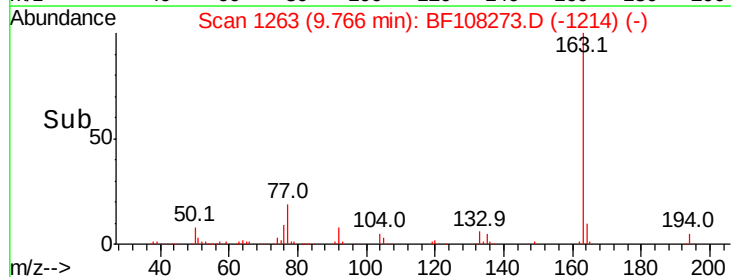
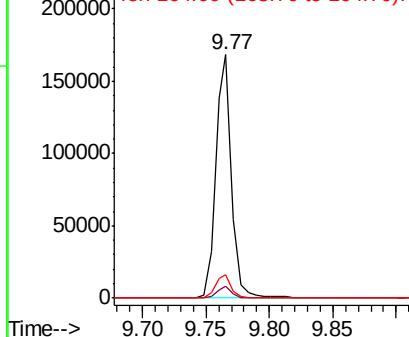


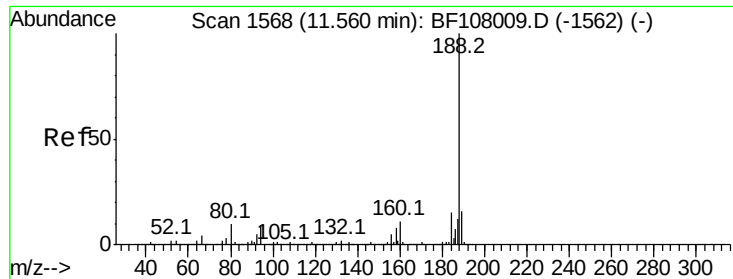
#49
Dimethylphthalate
Concen: 9.200 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108273.D
Acq: 18 Aug 2018 5:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	9.6	8.2	12.2



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





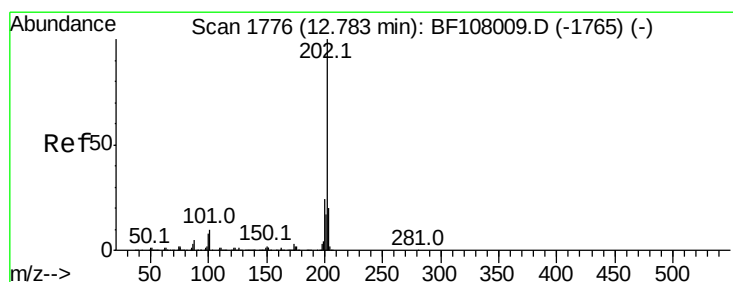
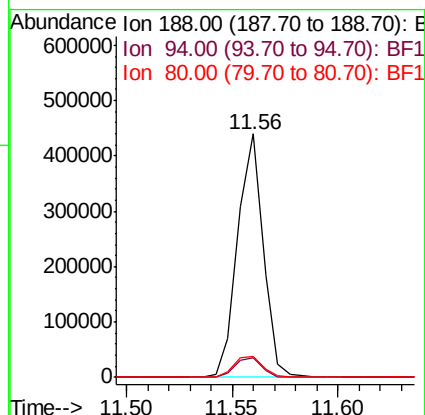
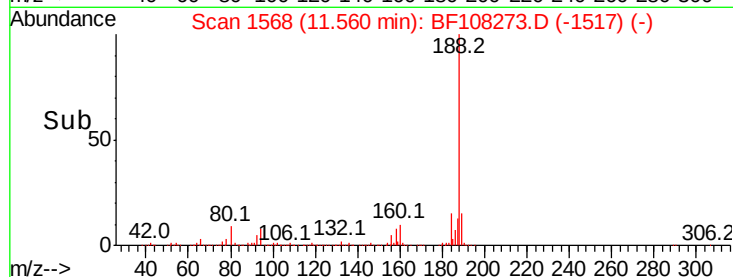
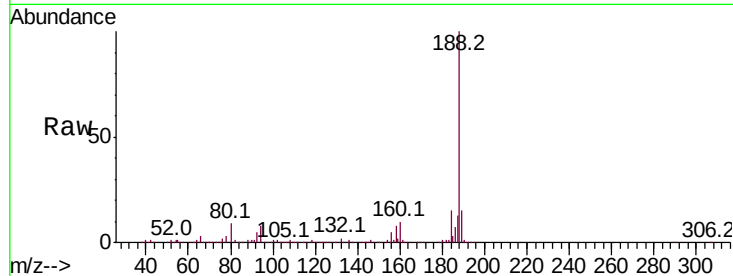
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108273.D
 Acq: 18 Aug 2018 5:31

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-030

Tot Ion:188	Resp: 368098
Ion Ratio	Lower Upper
188 100	
94 8.0	8.5 12.7#
80 8.7	9.2 13.8#

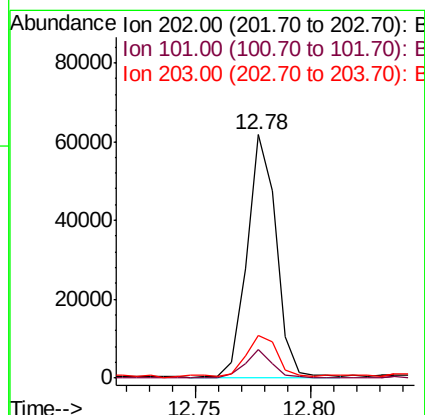
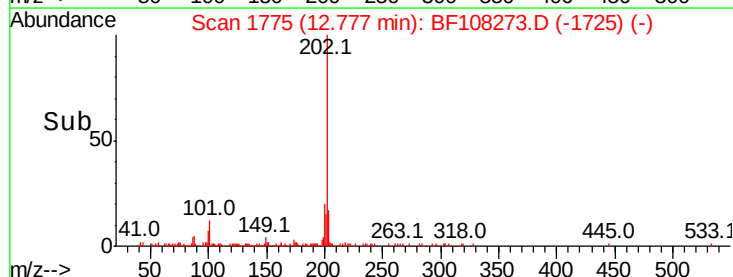
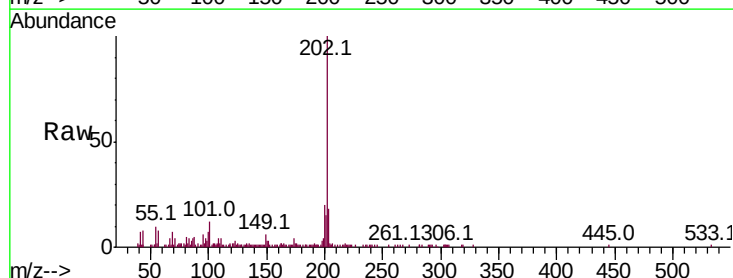
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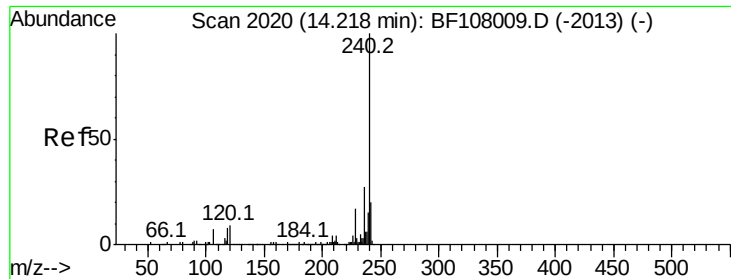
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#74
 Fluoranthene
 Concen: 2.911 ng
 RT: 12.78 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF108273.D
 Acq: 18 Aug 2018 5:31

Tgt Ion:202	Resp: 55157
Ion Ratio	Lower Upper
202 100	
101 11.9	0.0 34.1
203 17.6	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108273.D

Acq: 18 Aug 2018 5:31

Instrument :

BNA_F

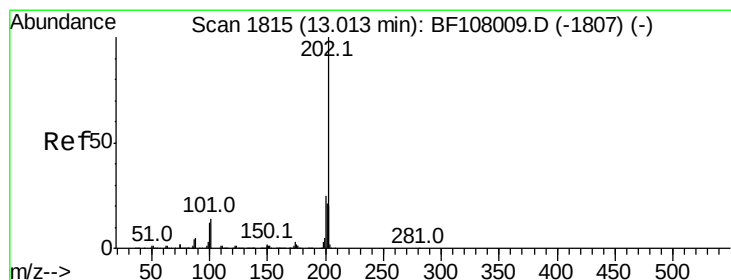
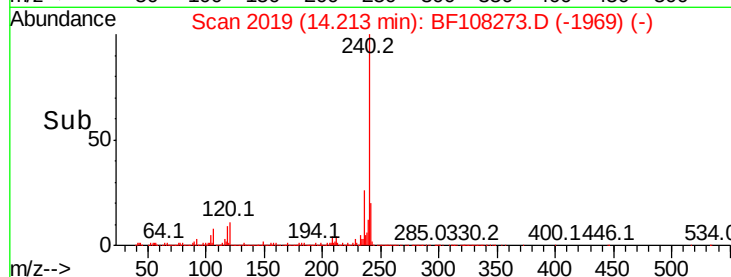
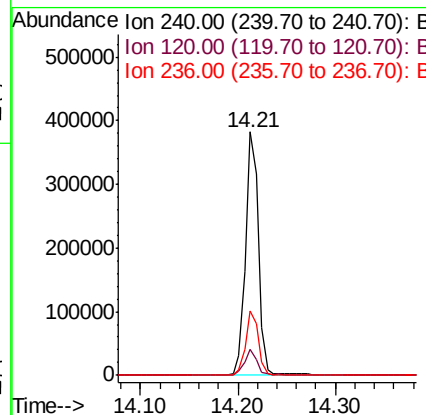
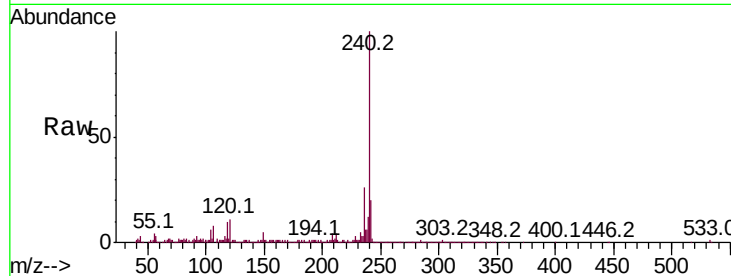
ClientSampleId :

RA-081518-FL-030

Tot Ion:	240	Resp:	347768
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	26.4	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.200 ng

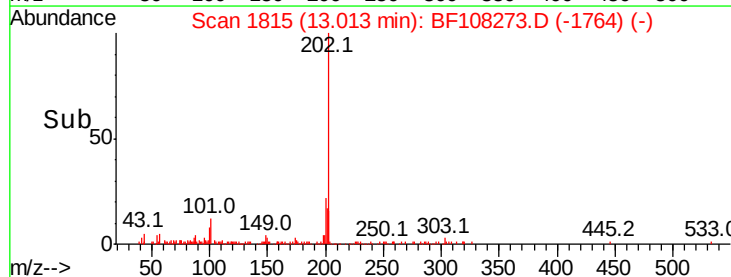
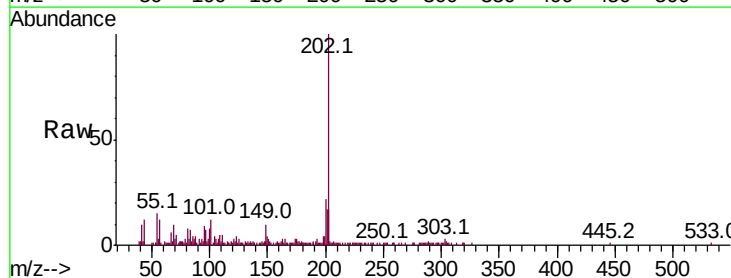
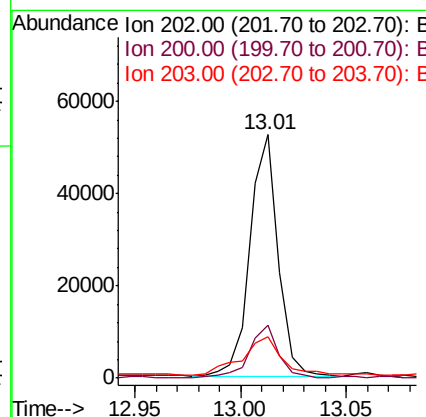
RT: 13.01 min Scan# 1815

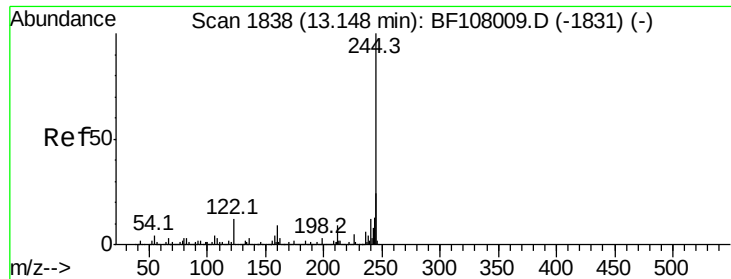
Delta R.T. 0.00 min

Lab File: BF108273.D

Acq: 18 Aug 2018 5:31

Tgt Ion:	202	Resp:	48428
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	17.2	14.3	21.5





#78

Terphenyl-d14

Concen: 83.609 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108273.D

Acq: 18 Aug 2018 5:31

Instrument :

BNA_F

ClientSampleId :

RA-081518-FL-030

Tot Ion:244 Resp: 1143592

Ion Ratio Lower Upper

244 100

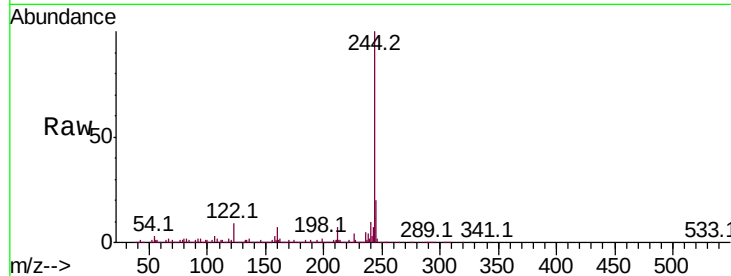
212 7.3 5.4 8.0

122 9.4 11.0 16.4#

Manual Integrations
APPROVED

Sohil

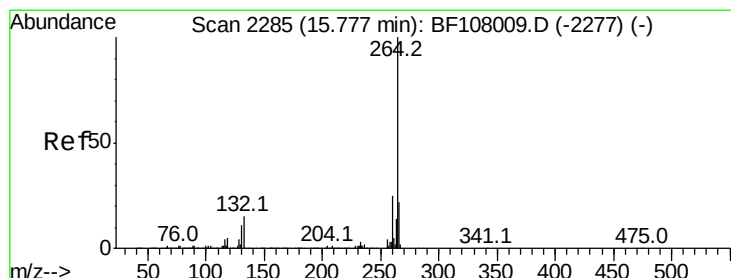
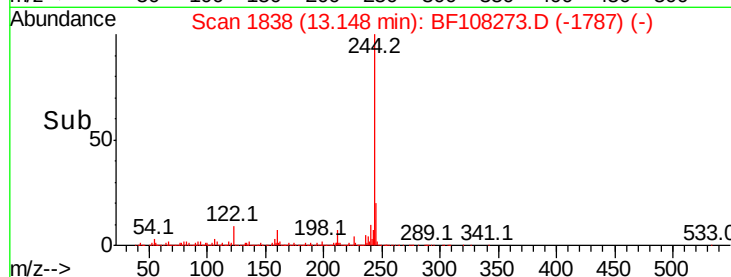
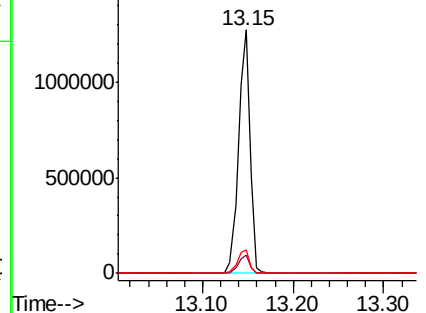
8/20/2018 12:48:46 PM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108273.D

Acq: 18 Aug 2018 5:31

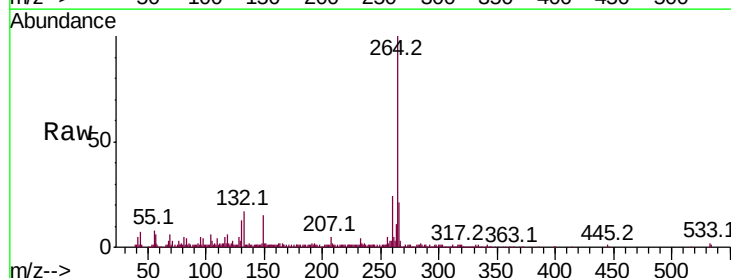
Tgt Ion:264 Resp: 219371

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

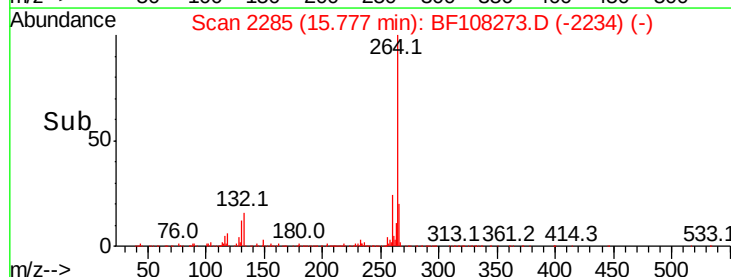
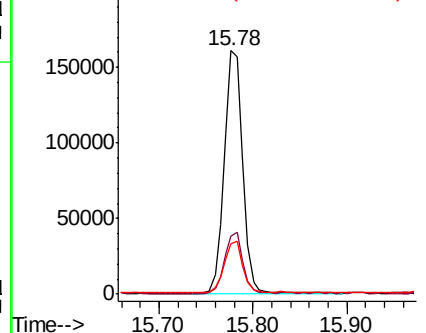
265 20.9 17.5 26.3

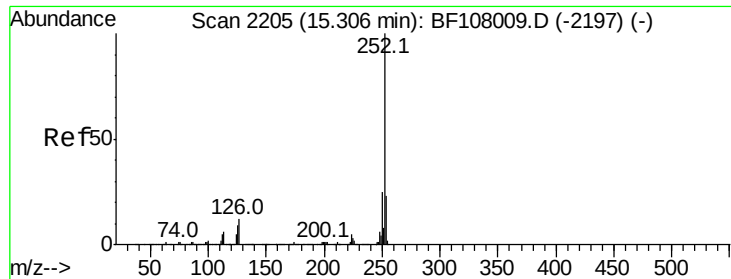


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.206 ng/ml
 RT: 15.31 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BF108273.D
 Acq: 18 Aug 2018 5:31

Instrument :
 BNA_F
 ClientSampleId :
 RA-081518-FL-030

Tot Ion:	252	Resp:	28918
Ion Ratio	Lower	Upper	
252	100		
253	30.6	17.0	25.6#
125	25.9	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 8/20/2018 12:48:46 PM

