

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112458.D
 Acq On : 8 Feb 2019 14:37
 Operator : JU/SJ
 Sample : K1409-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(14-17)

Manual Integrations
 APPROVED

Sohil
 2/11/2019 10:00:31 AM

Quant Time: Feb 09 06:04:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	123698	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	483627	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	242307	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	476872	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	398624	20.00	ng	0.00
87) Perylene-d12	15.47	264	323269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	936278	160.77	ng	0.00
7) Phenol-d6	6.49	99	1171851	144.81	ng	0.00
23) Nitrobenzene-d5	7.40	82	726576	86.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	387222	137.29	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1436632	83.86	ng	-0.02
79) Terphenyl-d14	12.94	244	1558734	73.65	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	30020	3.381	ng	86
31) Naphthalene	8.13	128	285686	12.632	ng	98
37) 2-Methylnaphthalene	8.83	142	158027	10.207	ng	99
38) 1-Methylnaphthalene	8.93	142	63330m	4.268	ng	
50) Dimethylphthalate	9.58	163	128951	6.850	ng	98

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

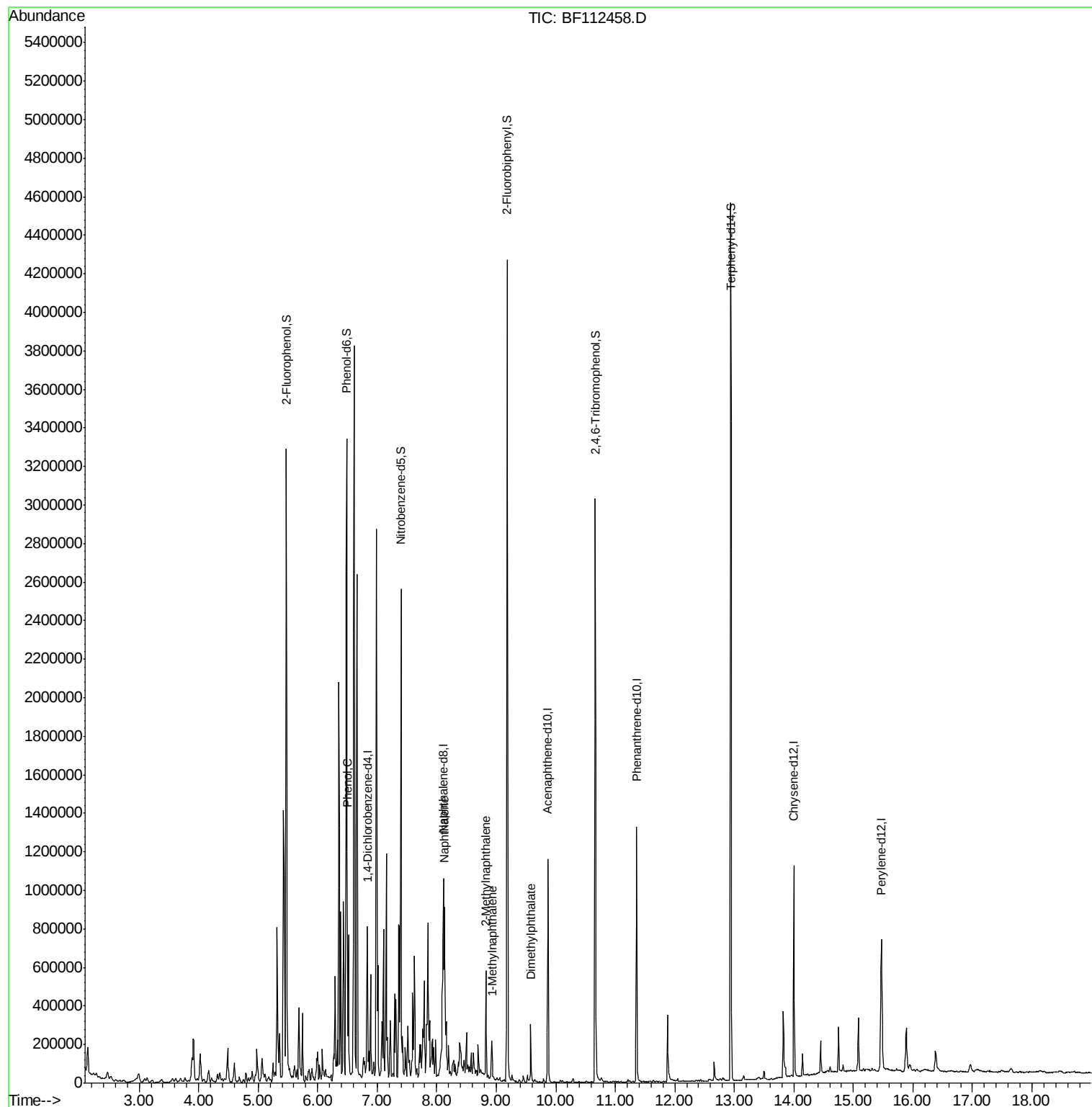
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112458.D
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Operator : JU/SJ
Sample : K1409-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

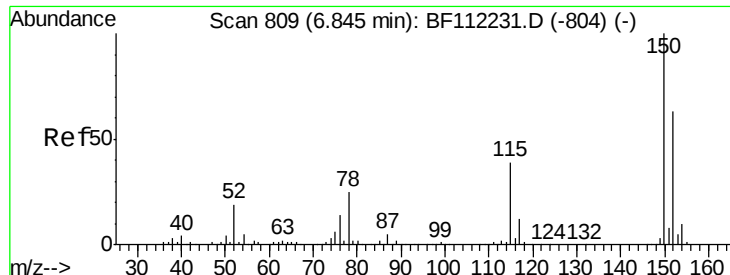
Instrument :
BNA_F
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SB-08(14-17)

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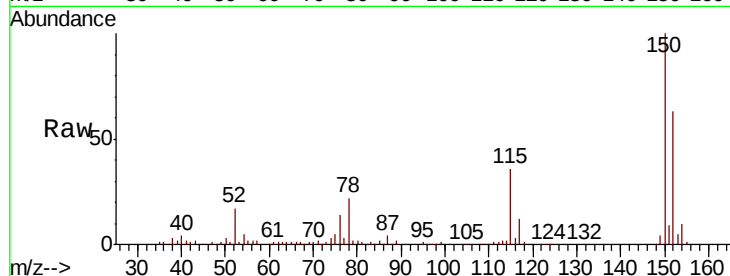
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112458.D
 Acq: 8 Feb 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(14-17)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	127.4	191.0
115	56.9	45.5	68.3

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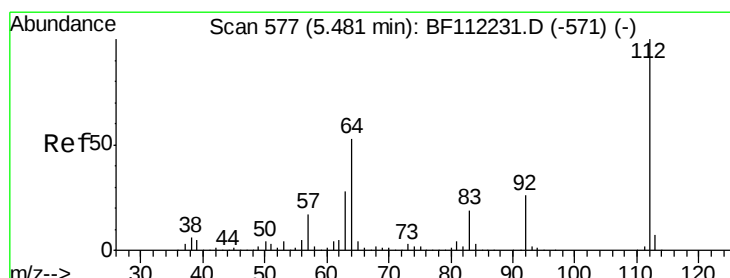
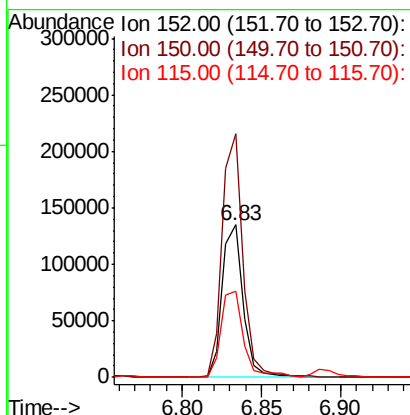
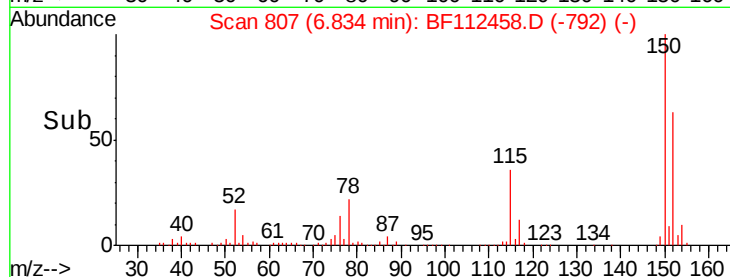


Abundance

Ion 152.00 (151.70 to 152.70): E

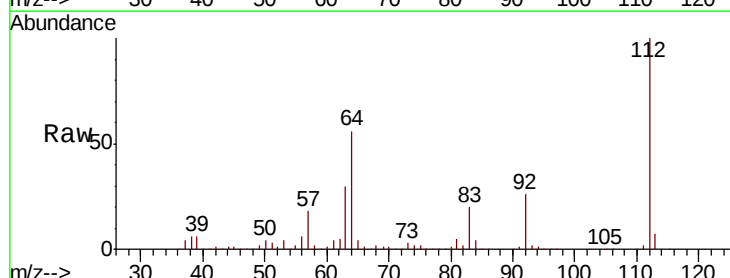
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 160.772 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112458.D
 Acq: 8 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	29.7	23.6	35.4

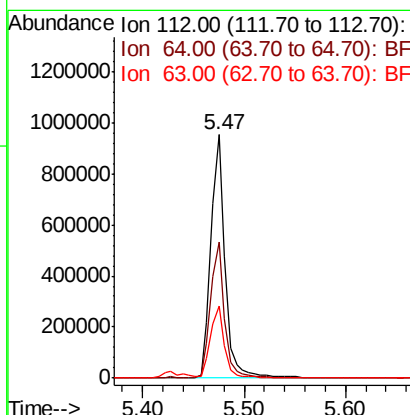
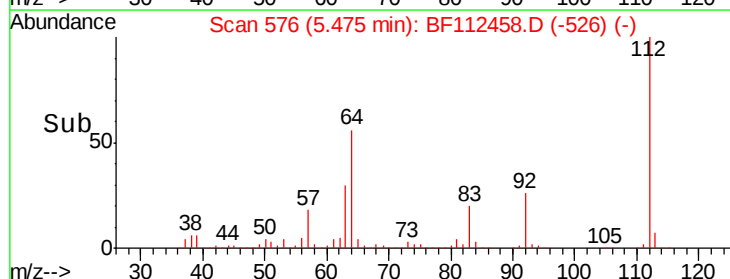


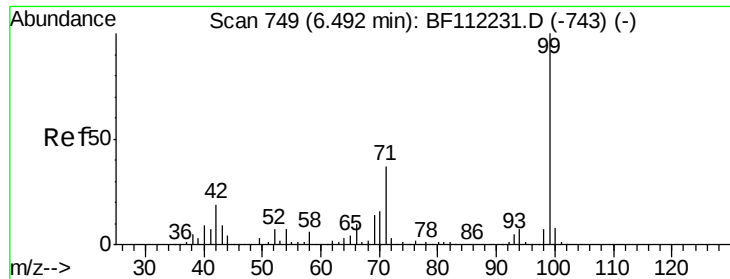
Abundance

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: 144.812 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112458.D

Acq: 8 Feb 2019 14:37

Instrument :

BNA_F

ClientSampled :

SB-08(14-17)

Tot Ion: 99 Resp: 1171851

Ion Ratio Lower Upper

99 100

42 18.5 15.1 22.7

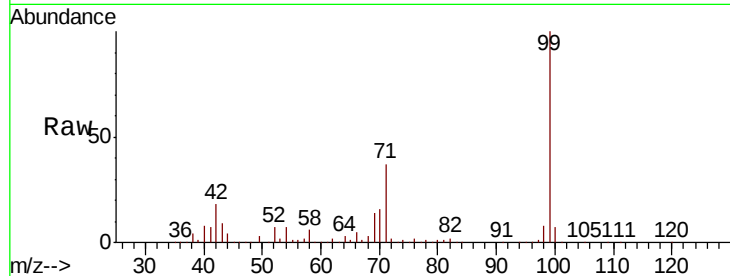
71 36.7 26.9 40.3

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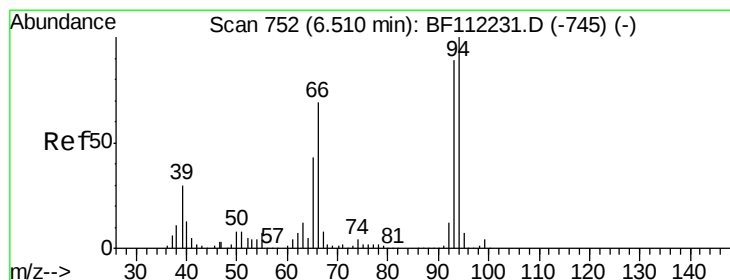
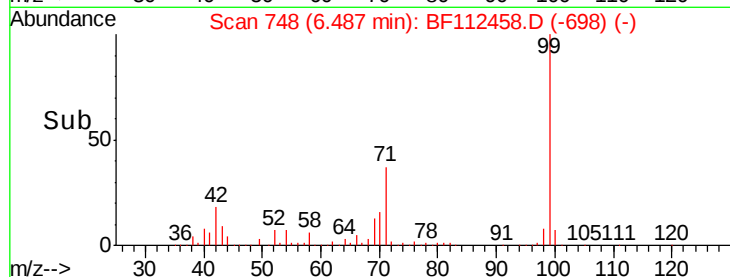
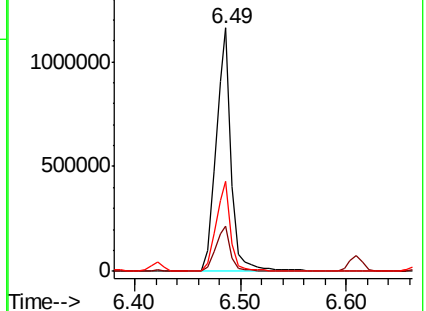
2/11/2019 10:00:31 AM



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: 3.381 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112458.D

Acq: 8 Feb 2019 14:37

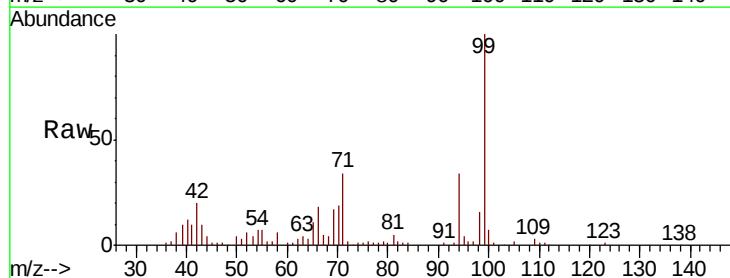
Tgt Ion: 94 Resp: 30020

Ion Ratio Lower Upper

94 100

65 31.3 20.3 60.3

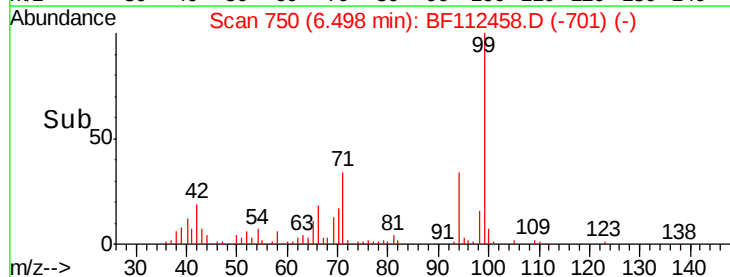
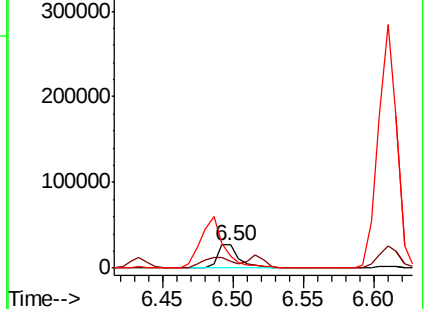
66 52.4 42.4 82.4



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112458.D

Acq: 8 Feb 2019 14:37

Instrument :

BNA_F

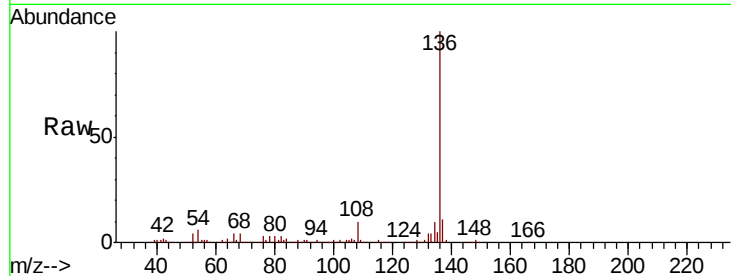
ClientSampleId :

SB-08(14-17)

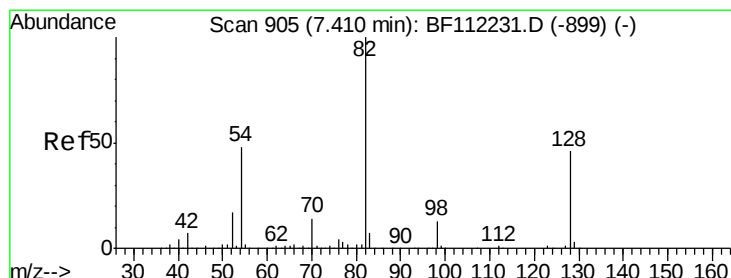
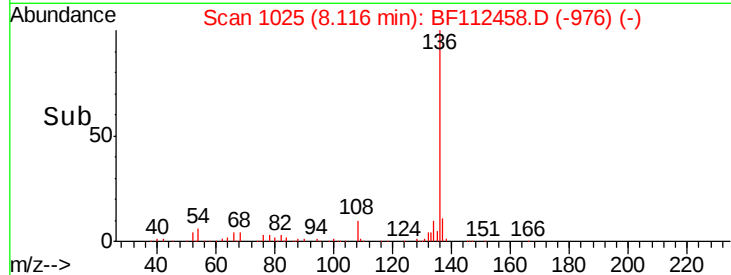
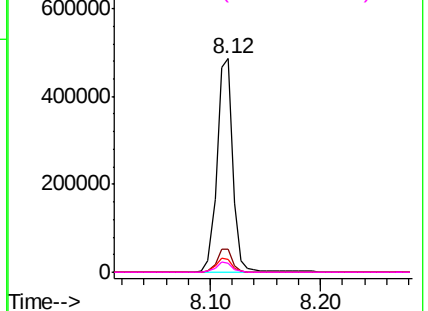
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	5.9	5.9	8.9#	
68	4.4	5.1	7.7#	

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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: 86.565 ng

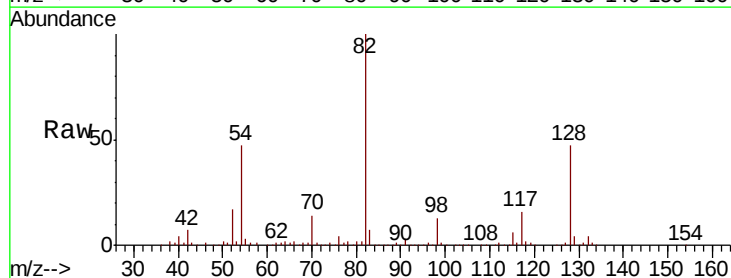
RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

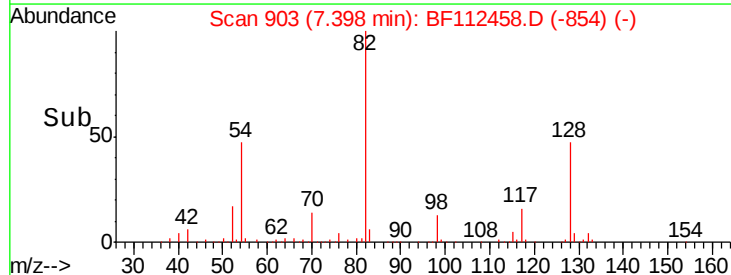
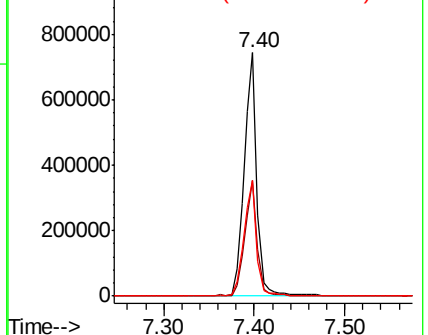
Lab File: BF112458.D

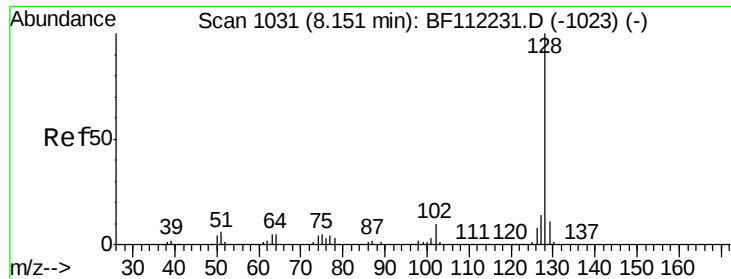
Acq: 8 Feb 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	37.8	56.8	
54	47.5	39.7	59.5	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





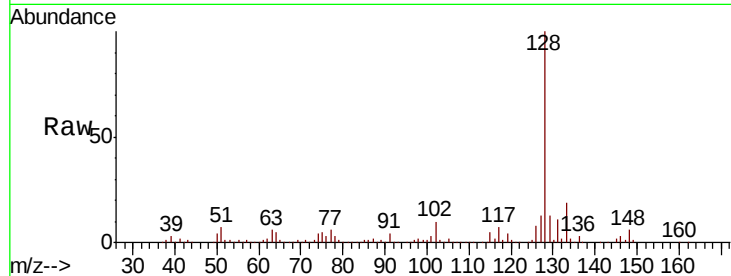
#31
Naphthalene
Concen: 12.632 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112458.D
Acq: 8 Feb 2019 14:37

Instrument :
BNA_F
ClientSampleId :
SB-08(14-17)

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.6	14.4
127	13.4	11.1	16.7

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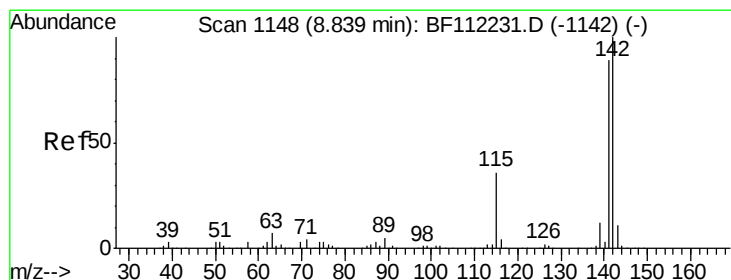
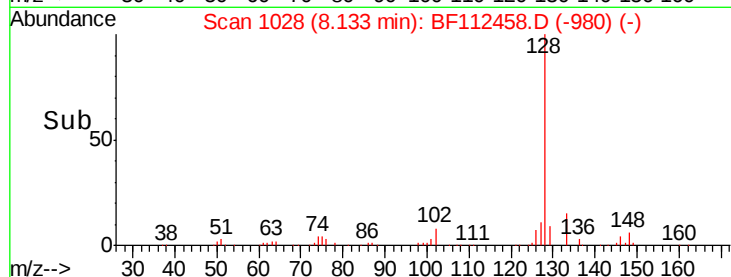
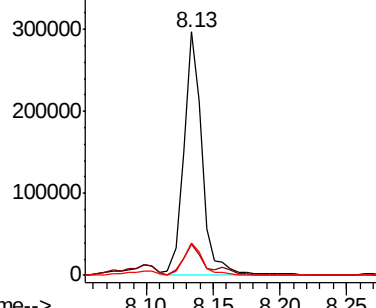


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
2-Methylnaphthalene
Concen: 10.207 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112458.D
Acq: 8 Feb 2019 14:37

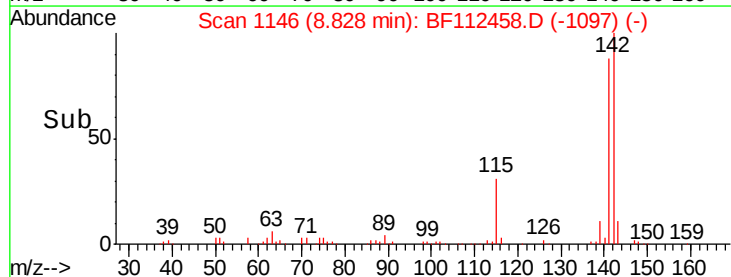
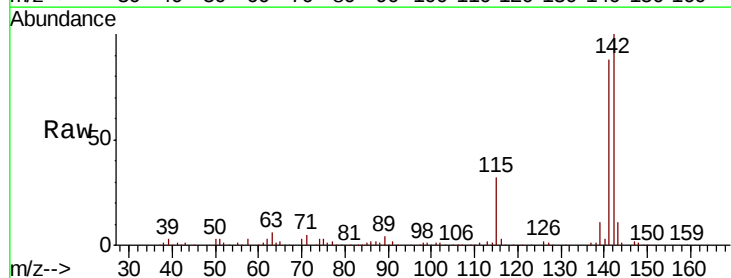
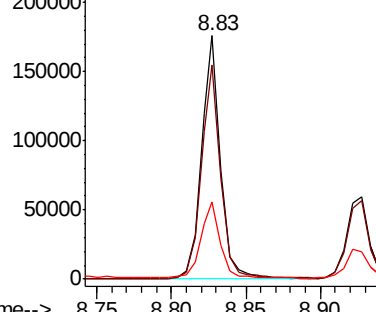
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	31.6	24.9	37.3

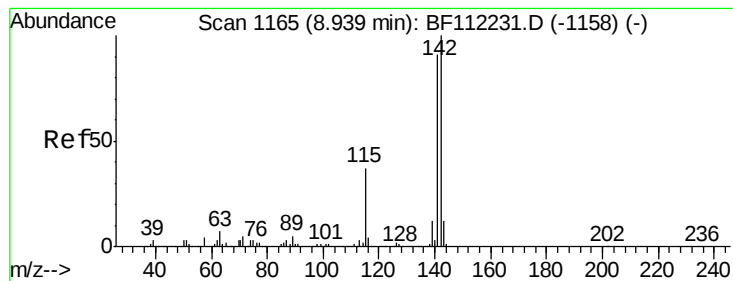
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 4.268 ng/ml

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF112458.D

Acq: 8 Feb 2019 14:37

Instrument :

BNA_F

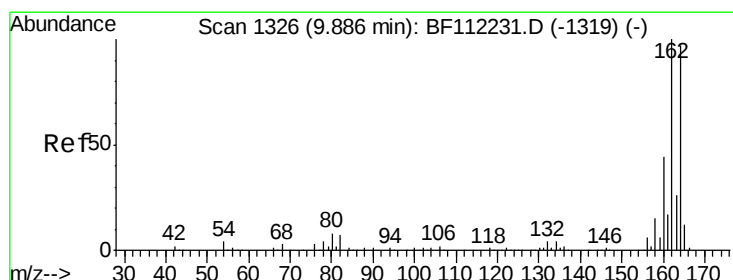
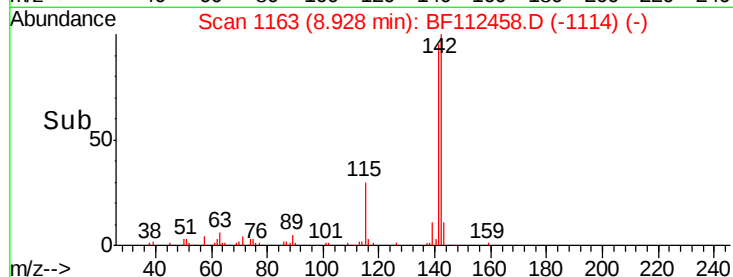
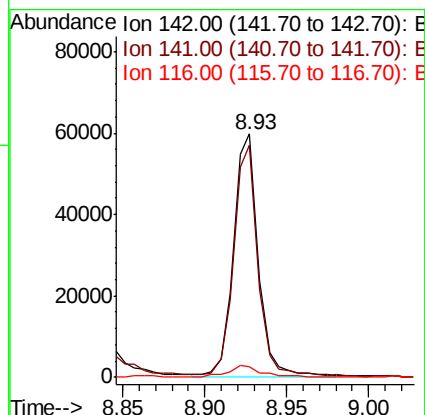
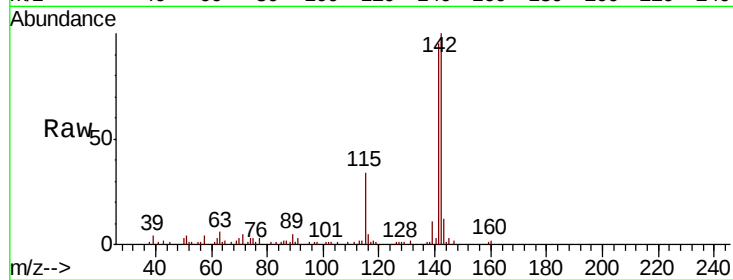
ClientSampleId :

SB-08(14-17)

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.1	72.6	108.8
116	4.6	2.8	4.2#

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#39

Acenaphthene-d10

Concen: 20.000 ng

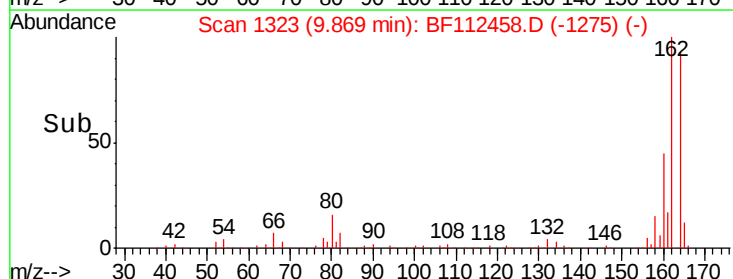
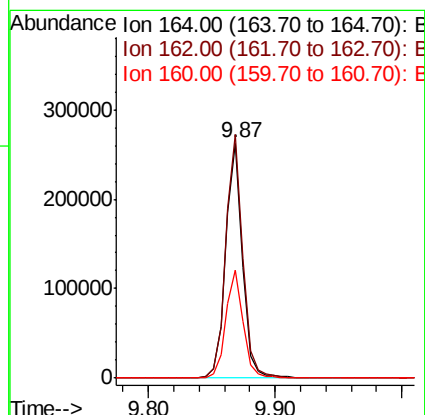
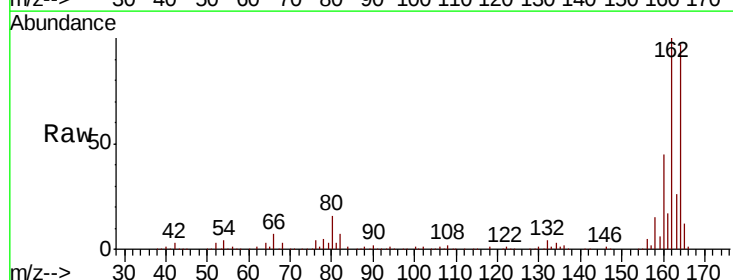
RT: 9.87 min Scan# 1323

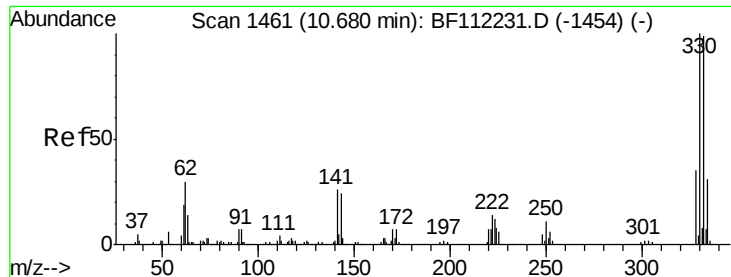
Delta R.T. -0.02 min

Lab File: BF112458.D

Acq: 8 Feb 2019 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	46.1	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 137.294 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112458.D

Acq: 8 Feb 2019 14:37

Instrument :

BNA_F

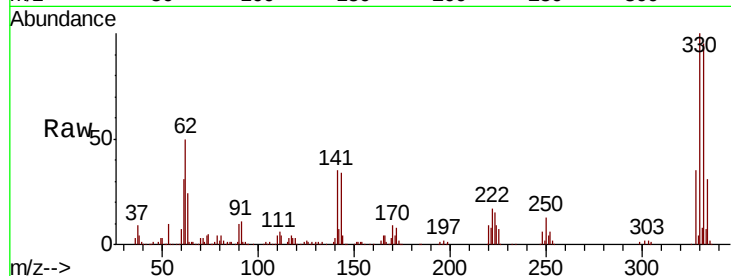
ClientSampled :

SB-08(14-17)

Tot Ion:	330	Resp:	387222
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.6	114.8
141	32.2	24.3	36.5

Manual Integrations
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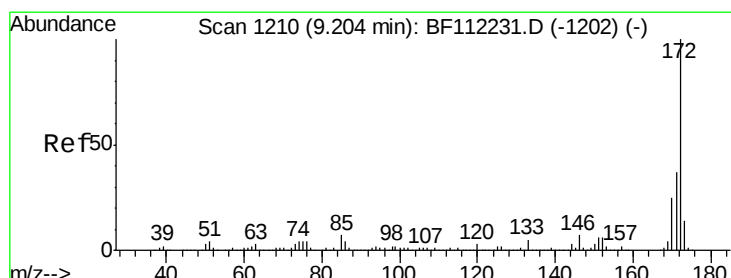
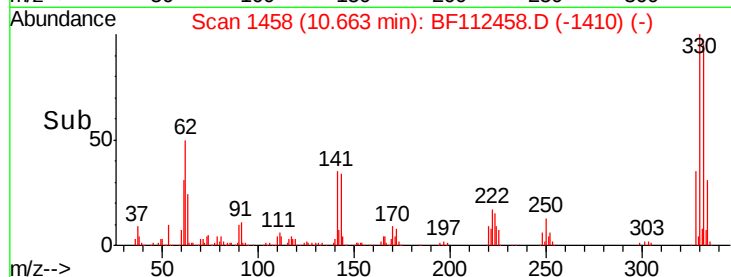
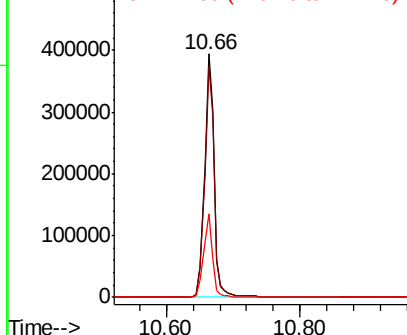


Abundance

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



#45

2-Fluorobiphenyl

Concen: 83.856 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112458.D

Acq: 8 Feb 2019 14:37

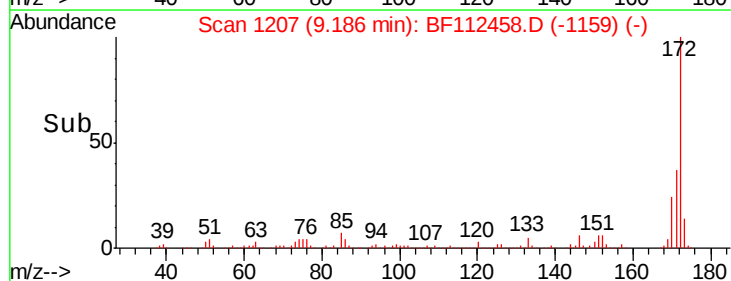
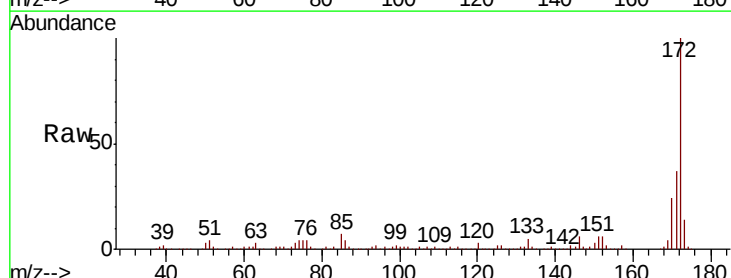
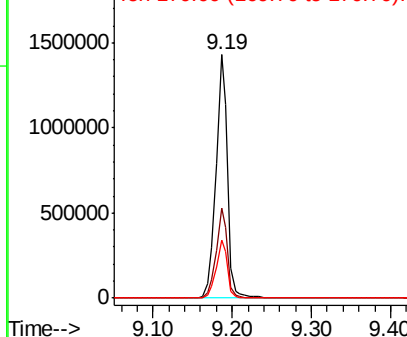
Tgt Ion:	172	Resp:	1436632
Ion Ratio	Lower	Upper	
172	100		
171	36.8	30.5	45.7
170	23.8	20.2	30.4

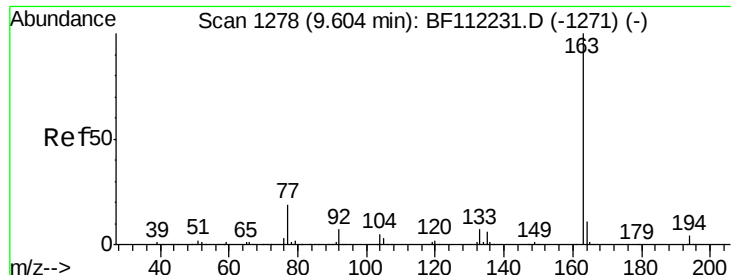
Abundance

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





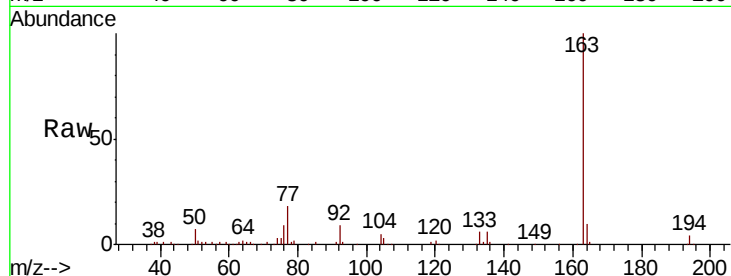
#50
Dimethylphthalate
Concen: 6.850 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112458.D
Acq: 8 Feb 2019 14:37

Instrument :
BNA_F
ClientSampleId :
SB-08(14-17)

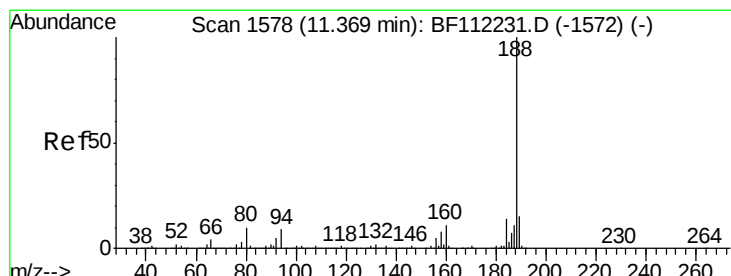
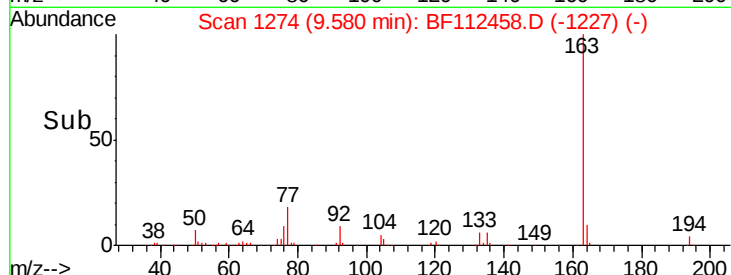
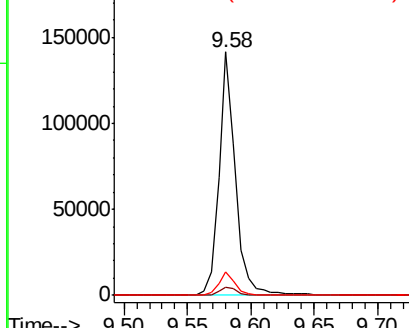
Tot Ion	Ratio	Resp	Lower	Upper
163	100	128951		
194	3.5	3.3	4.9	
164	9.7	8.5	12.7	

Manual Integrations
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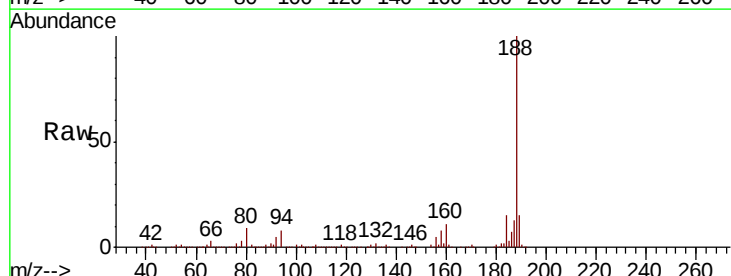


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

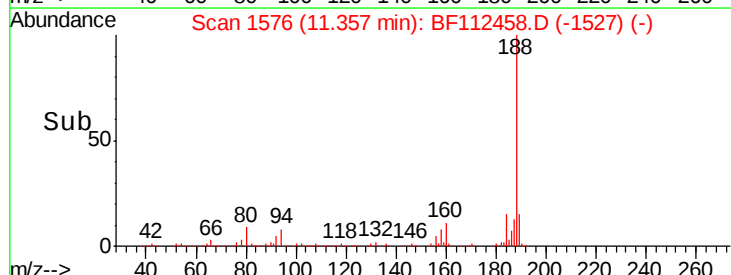
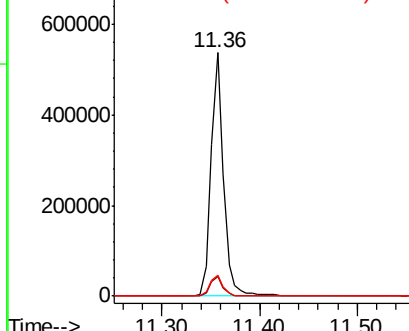


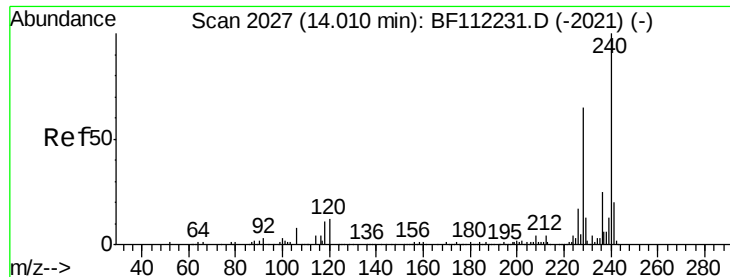
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112458.D
Acq: 8 Feb 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	476872		
94	8.0	8.2	12.2#	
80	8.8	8.9	13.3#	



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112458.D

Acq: 8 Feb 2019 14:37

Instrument :

BNA_F

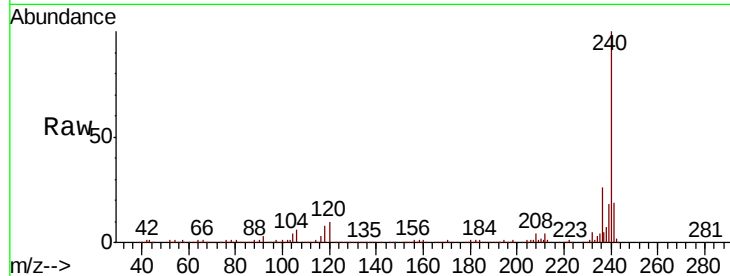
ClientSampled :

SB-08(14-17)

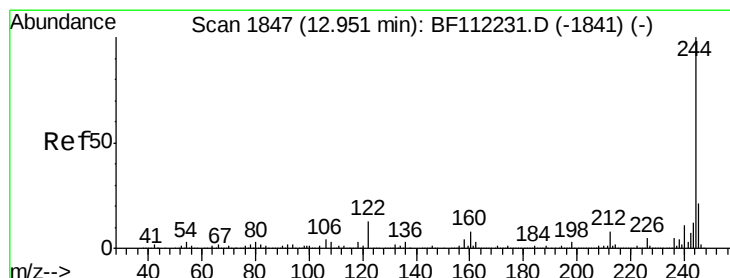
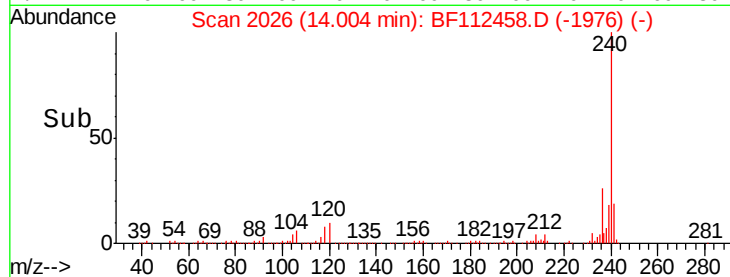
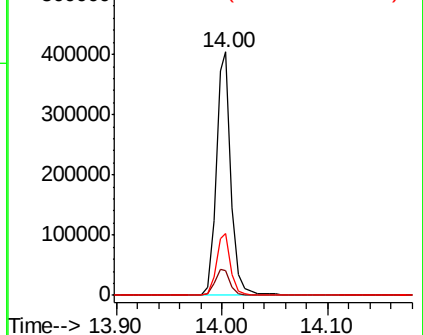
Tot Ion:	240	Resp:	398624
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.0	13.6
236	25.6	20.7	31.1

Manual Integrations
APPROVED

Sohil
2/11/2019 10:00:31 AM



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



#79

Terphenyl-d14

Concen: 73.648 ng

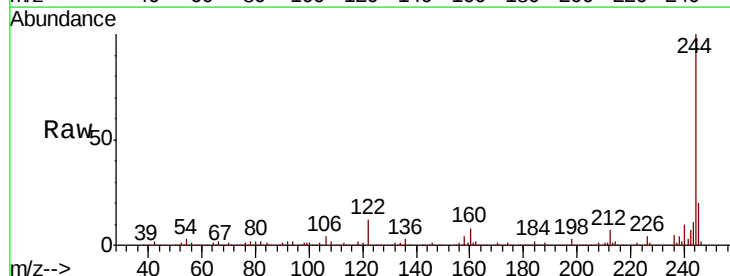
RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

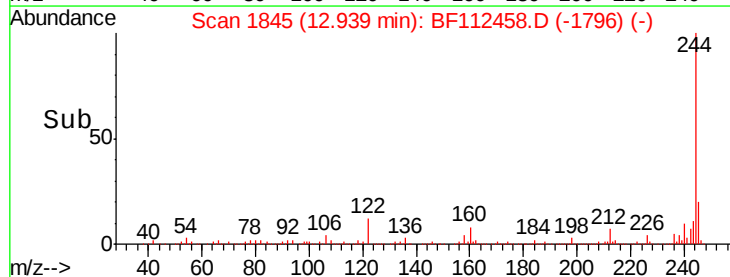
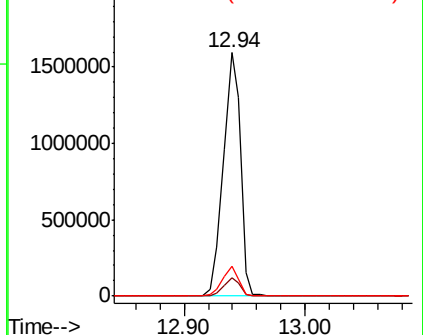
Lab File: BF112458.D

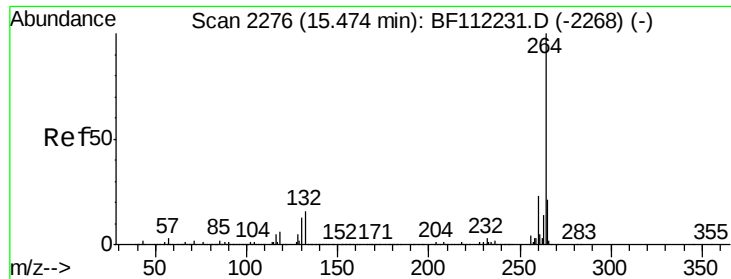
Acq: 8 Feb 2019 14:37

Tgt Ion:	244	Resp:	1558734
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.9	8.9
122	12.2	9.8	14.6



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112458.D
Acq: 8 Feb 2019 14:37

Instrument :
BNA_F
ClientSampleId :
SB-08(14-17)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.3	17.0	25.4

Manual Integrations
APPROVED

Sohil
2/11/2019 10:00:31 AM

