

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108403.D
 Acq On : 23 Aug 2018 00:21
 Operator : JU/SJ
 Sample : J4499-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSB-06(0-1)

Manual Integrations
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 8/23/2018 3:43:33 PM

Quant Time: Aug 23 06:53:02 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164433	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	596153	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	274496	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	449034	20.00	ng	0.00
75) Chrysene-d12	14.19	240	316331	20.00	ng	0.00
86) Perylene-d12	15.75	264	269840	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	700648	77.14	ng	0.00
7) Phenol-d6	6.62	99	940154	77.90	ng	0.00
23) Nitrobenzene-d5	7.56	82	604590	56.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	187713	68.56	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1127084	65.92	ng	0.00
78) Terphenyl-d14	13.12	244	842254	67.70	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	102268	5.348	ng	Qvalue # 99
74) Fluoranthene	12.76	202	72345	3.130	ng	94
77) Pyrene	12.99	202	57631	2.878	ng	99
87) Benzo(b)fluoranthene	15.28	252	39088m	2.424	ng	

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

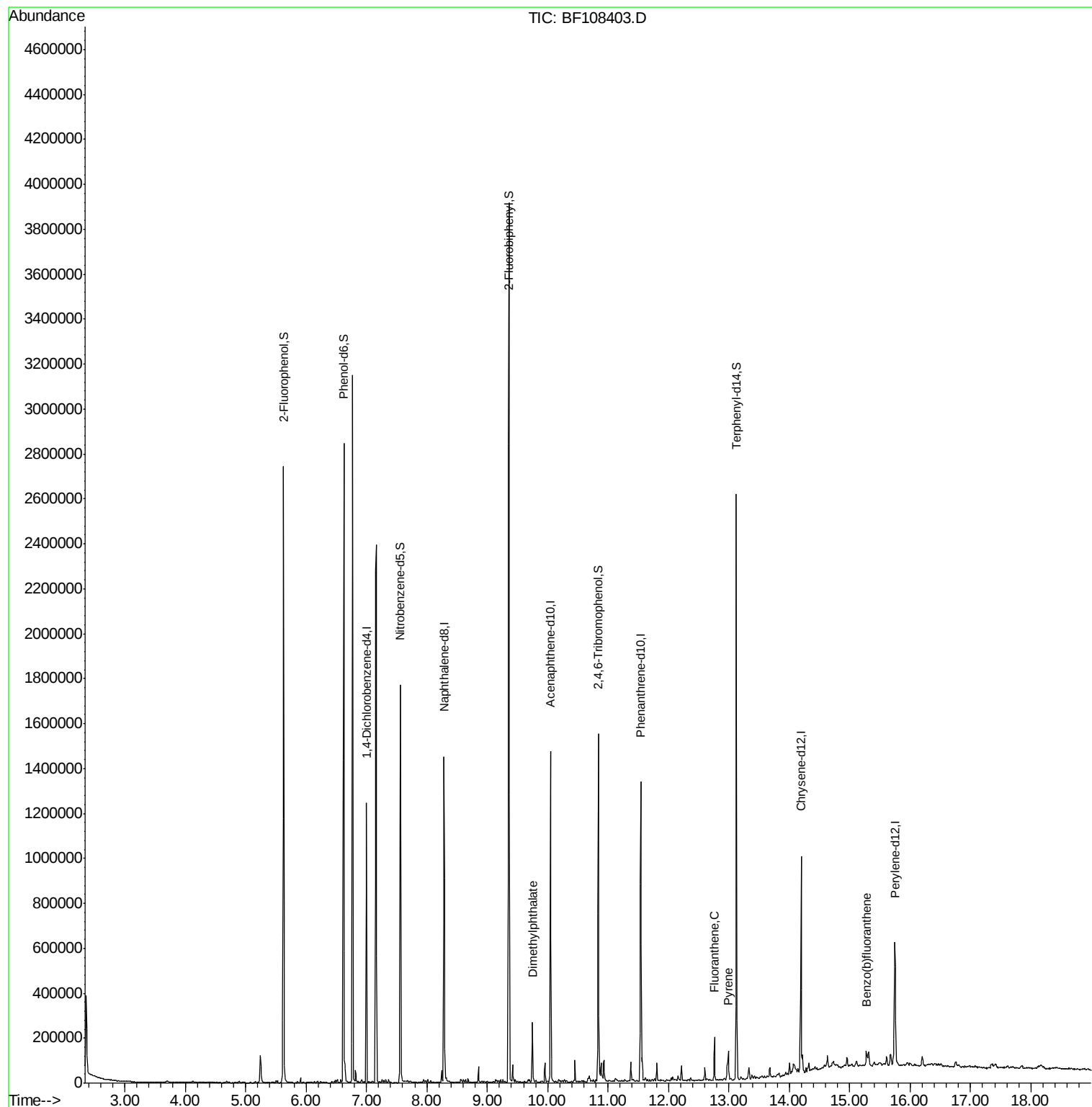
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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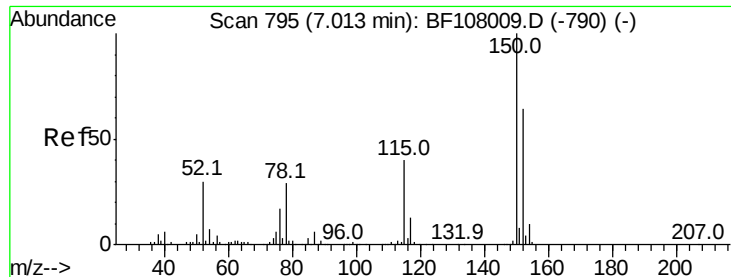
Instrument :
BNA_F
ClientSampleId :
LSB-06(0-1)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

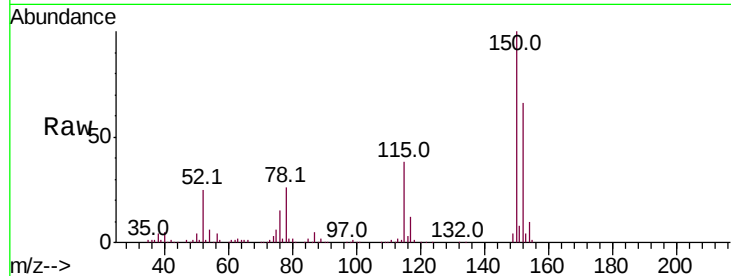
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :
LSB-06(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	57.5	50.1	75.1

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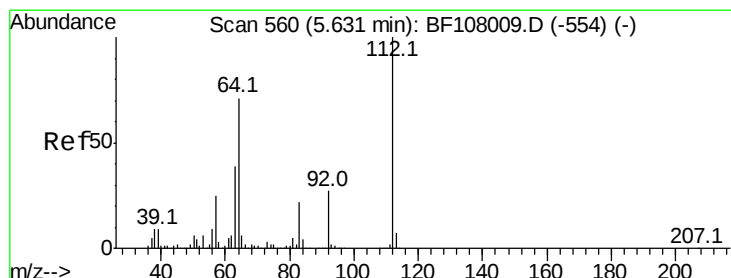
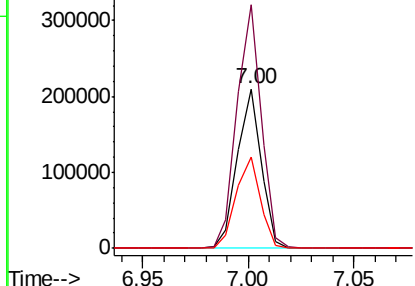
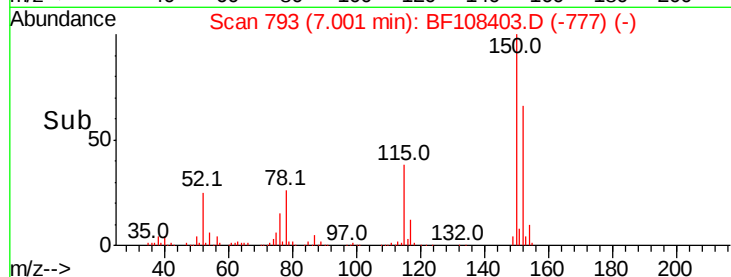


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

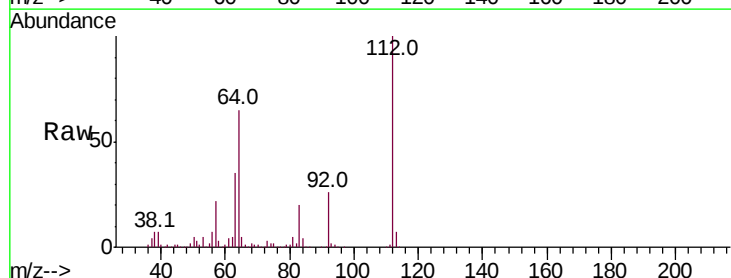
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.143 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	47.9	71.9
63	34.9	23.7	35.5

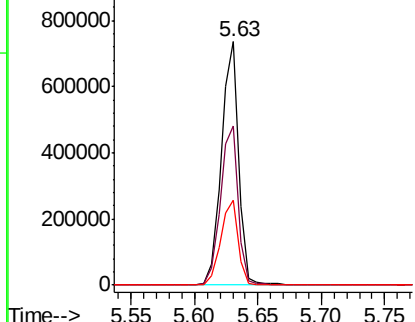
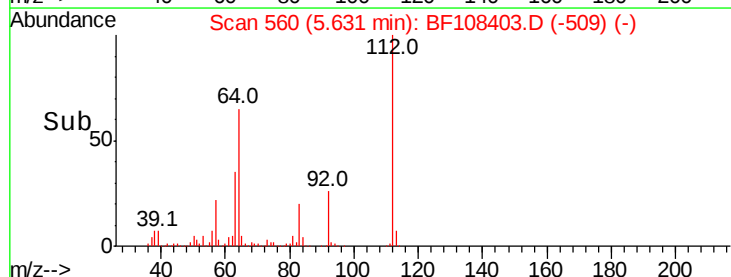


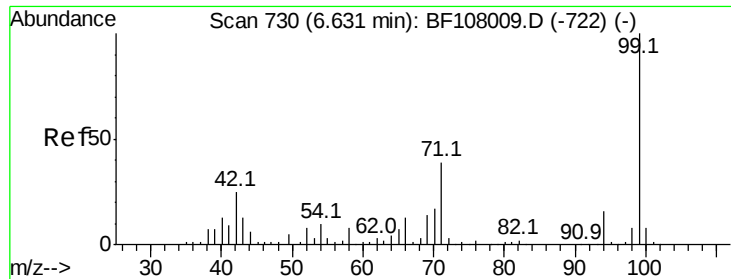
Abundance

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: 77.896 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108403.D

Acq: 23 Aug 2018 00:21

Instrument :

BNA_F

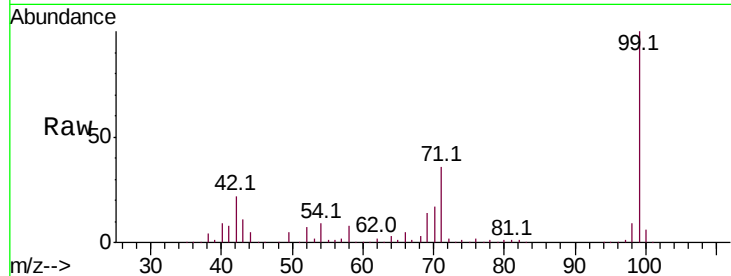
ClientSampleId :

LSB-06(0-1)

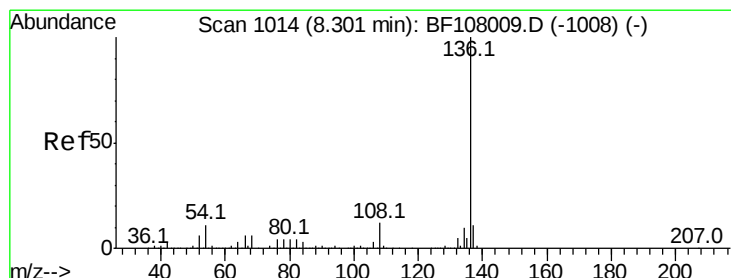
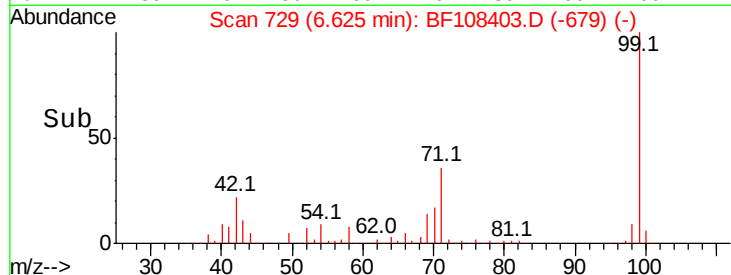
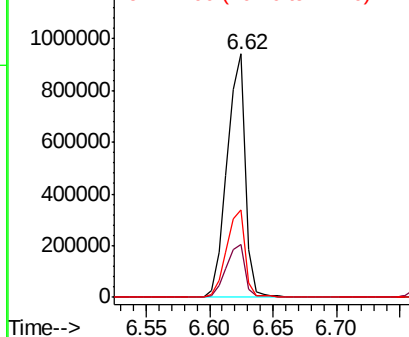
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		940154		
42	21.7	14.5	21.7		
71	36.0	25.4	38.0		

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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: 8.28 min Scan# 1011

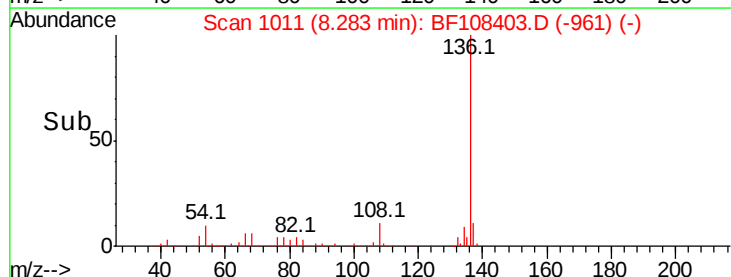
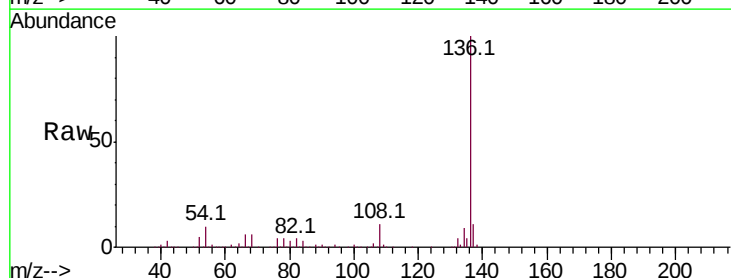
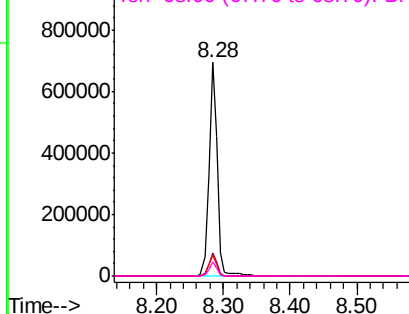
Delta R.T. -0.01 min

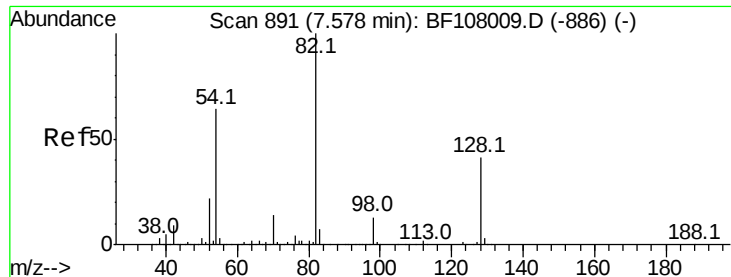
Lab File: BF108403.D

Acq: 23 Aug 2018 00:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		596153		
137	10.9	8.9	13.3		
54	9.8	6.6	9.8#		
68	6.4	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





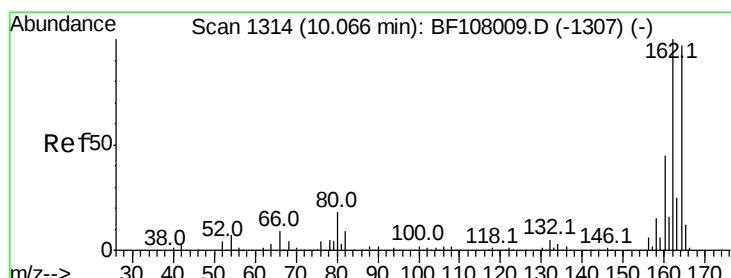
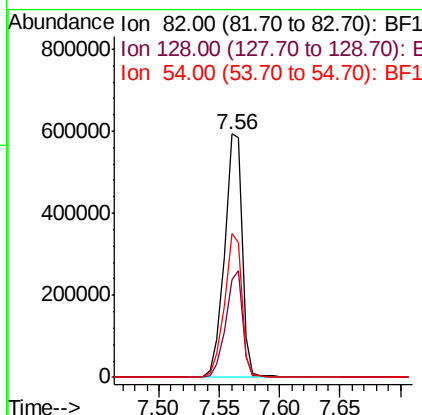
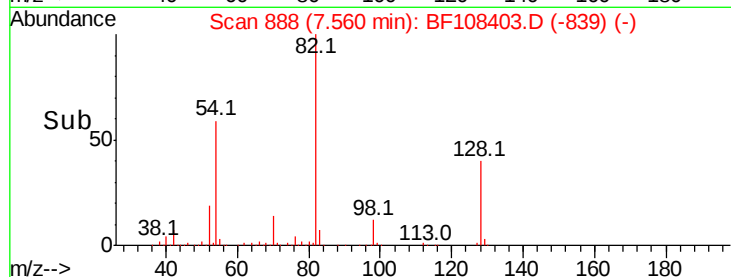
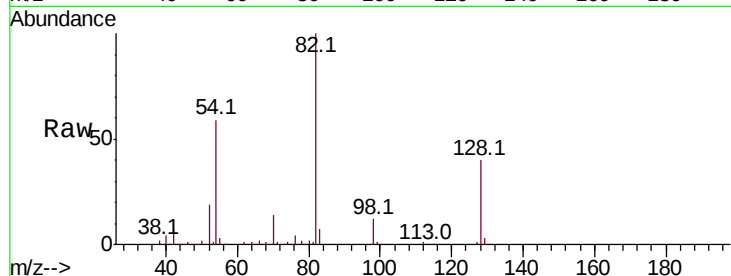
#23
 Nitrobenzene-d5
 Concen: 56.591 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108403.D
 Acq: 23 Aug 2018 00:21

Instrument :
 BNA_F
 ClientSampleId :
 LSB-06(0-1)

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.1	54.1
54	58.8	41.4	62.2

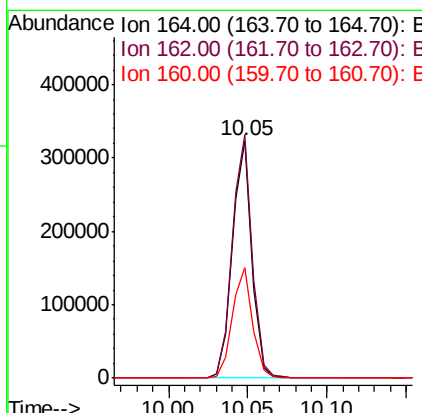
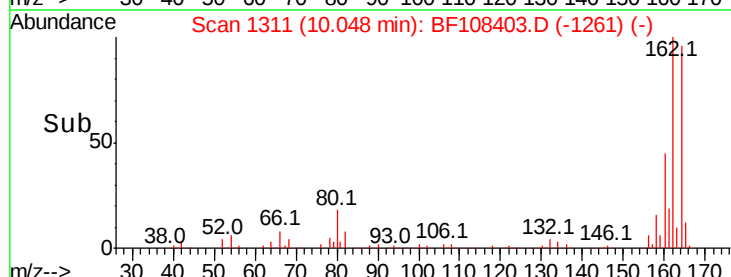
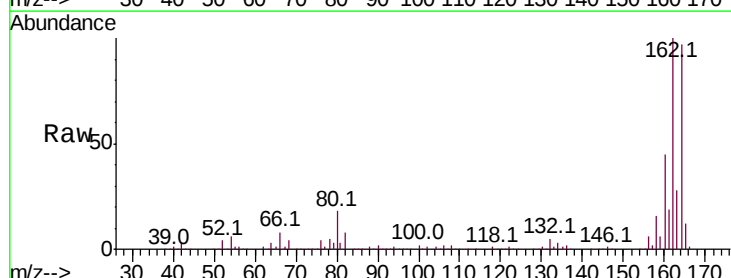
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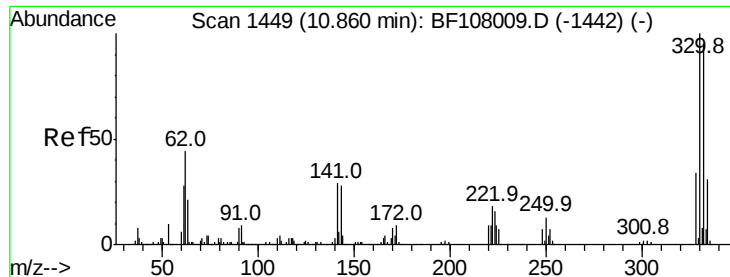
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108403.D
 Acq: 23 Aug 2018 00:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.5	38.3	57.5





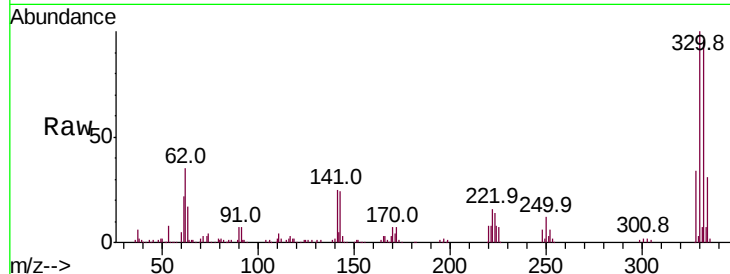
#41
 2,4,6-Tribromophenol
 Concen: 68.558 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108403.D
 Acq: 23 Aug 2018 00:21

Instrument :
 BNA_F
 ClientSampleId :
 LSB-06(0-1)

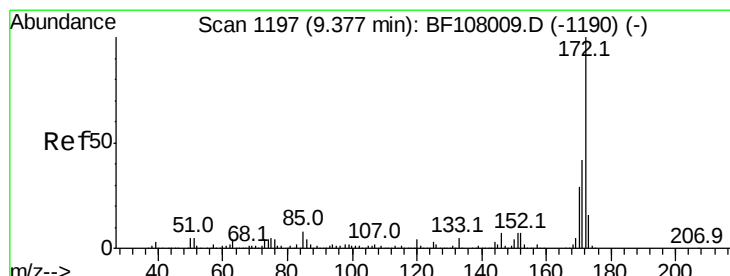
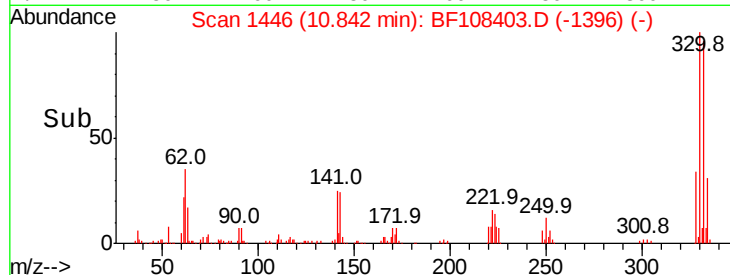
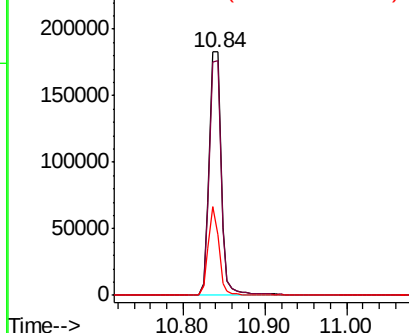
Tot Ion	Ratio	Resp	Lower	Upper
330	100	187713		
332	95.9	77.0	115.6	
141	32.6	29.9	44.9	

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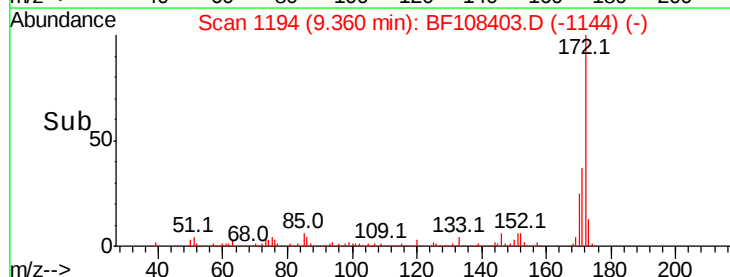
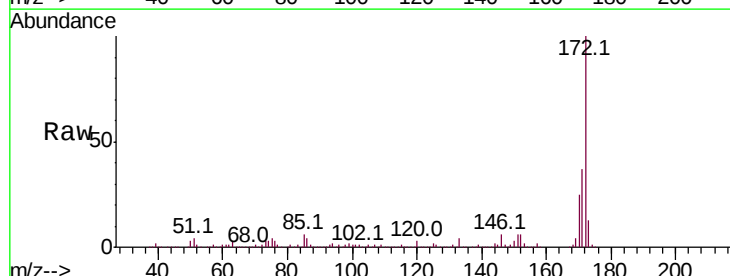
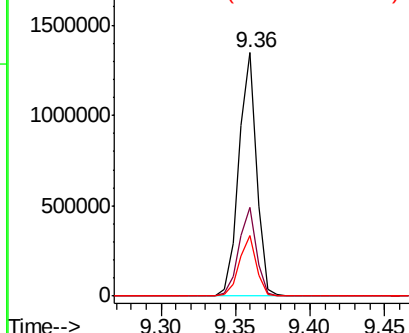
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

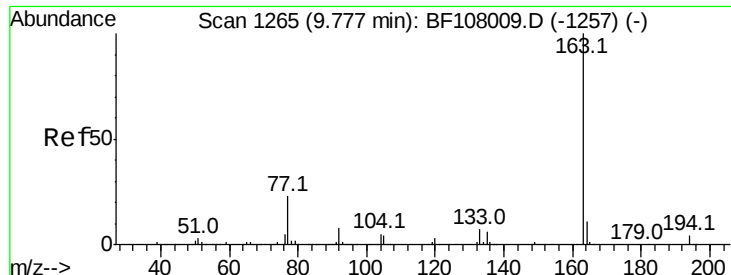


#44
 2-Fluorobiphenyl
 Concen: 65.921 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108403.D
 Acq: 23 Aug 2018 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1127084		
171	36.5	29.7	44.5	
170	24.8	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





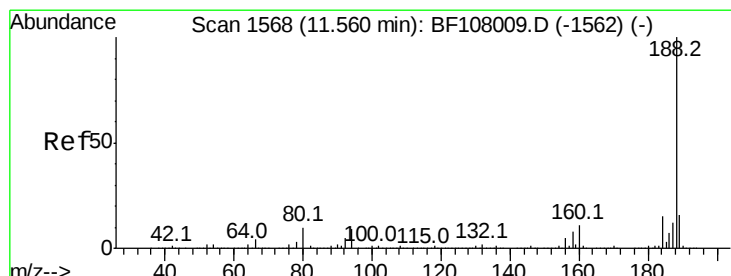
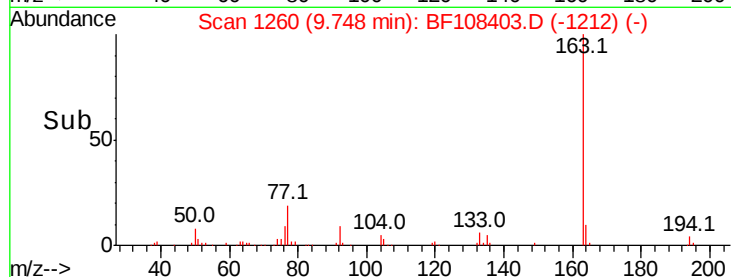
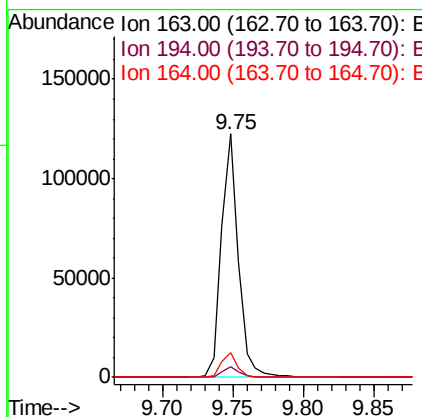
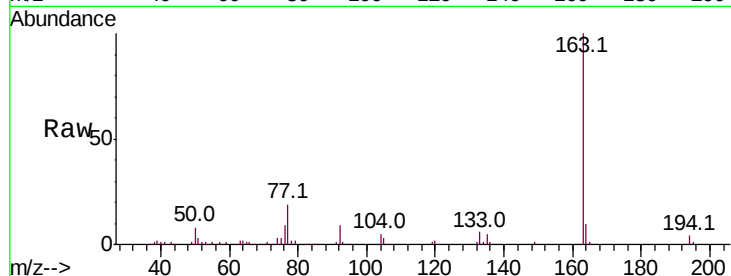
#49
 Dimethylphthalate
 Concen: 5.348 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108403.D
 Acq: 23 Aug 2018 00:21

Instrument :
 BNA_F
 ClientSampleId :
 LSB-06(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	102268		
194	4.2		2.7	4.1#
164	10.1		8.2	12.2

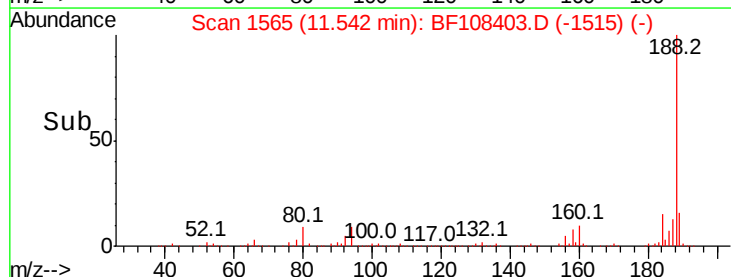
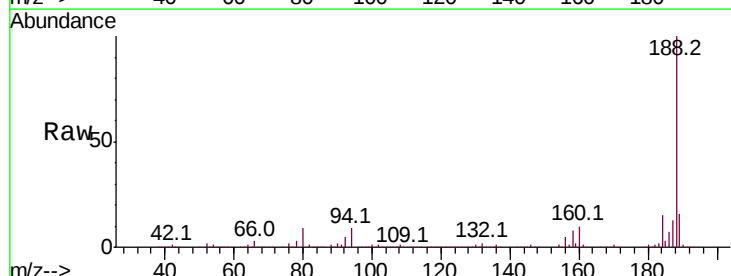
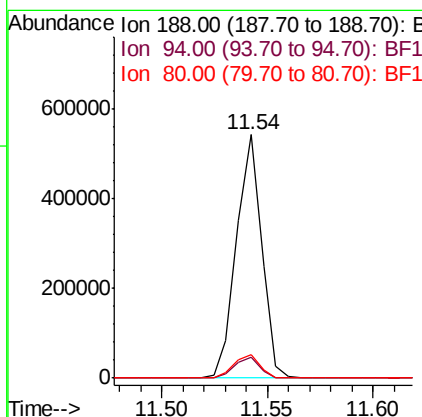
Manual Integrations
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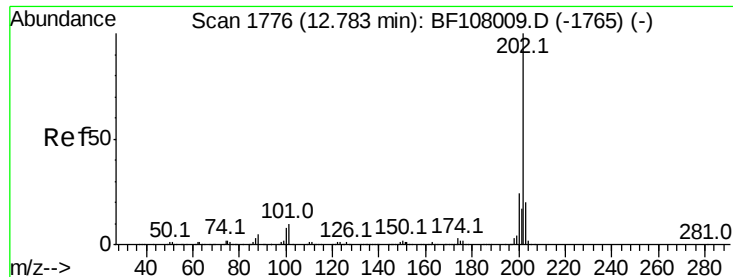
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108403.D
 Acq: 23 Aug 2018 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	449034		
94	8.5		8.5	12.7
80	9.5		9.2	13.8





#74

Fluoranthene

Concen: 3.130 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108403.D

Acq: 23 Aug 2018 00:21

Instrument :

BNA_F

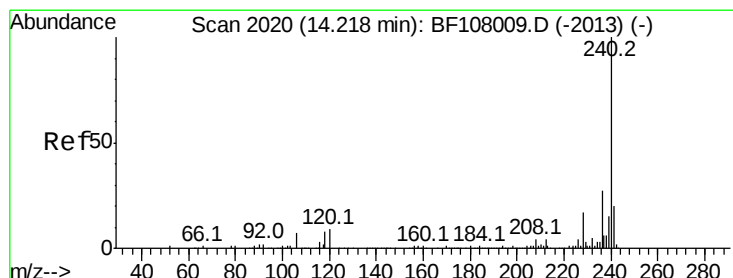
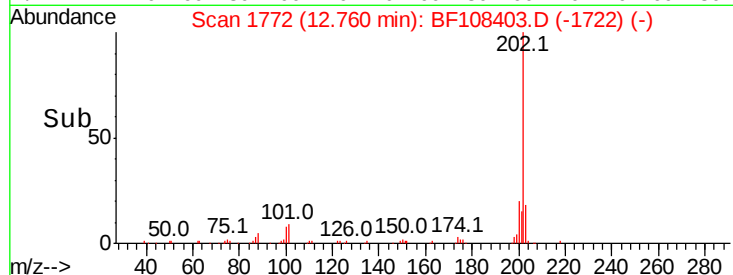
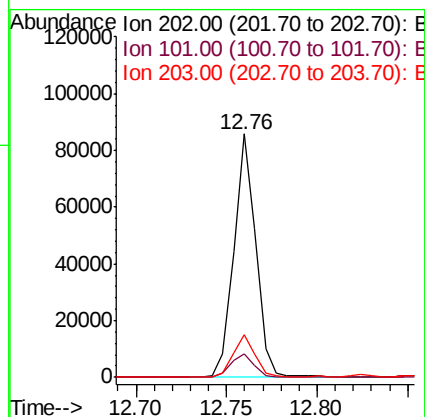
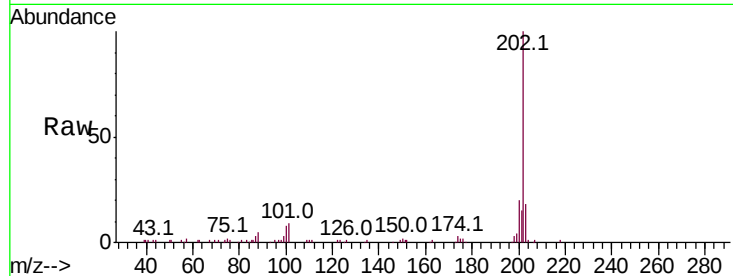
ClientSampleId :

LSB-06(0-1)

Tot Ion:	202	Resp:	72345
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	34.1
203	17.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

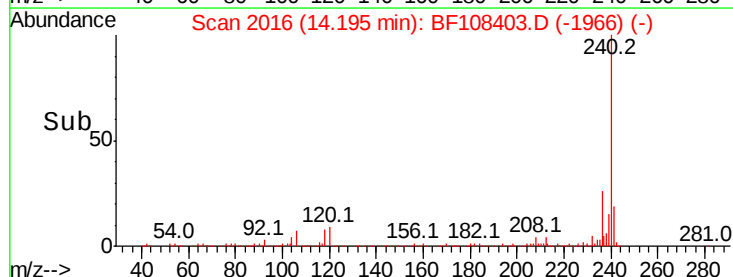
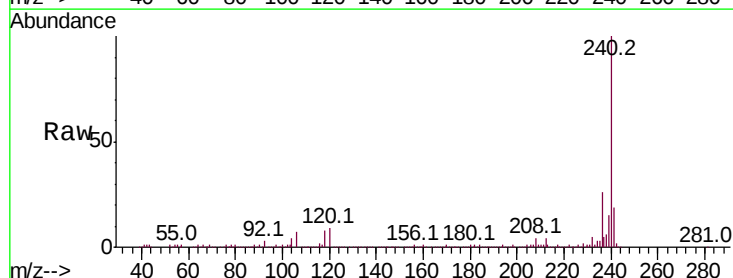
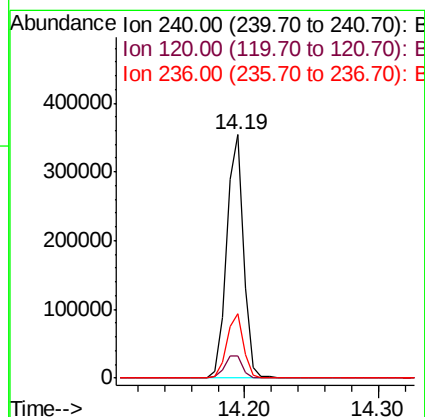
RT: 14.19 min Scan# 2016

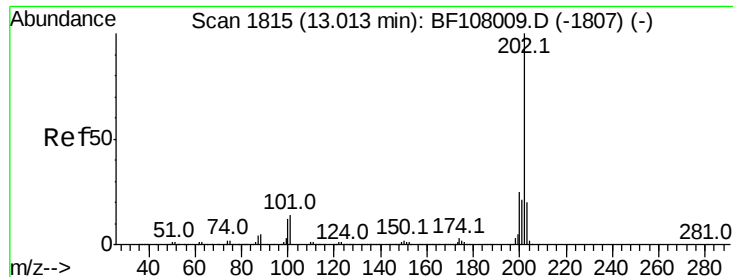
Delta R.T. -0.01 min

Lab File: BF108403.D

Acq: 23 Aug 2018 00:21

Tgt Ion:	240	Resp:	316331
Ion Ratio	Lower	Upper	
240	100		
120	9.1	9.5	14.3#
236	26.3	20.7	31.1





#77

Pvrene

Concen: 2.878 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108403.D

Acq: 23 Aug 2018 00:21

Instrument :

BNA_F

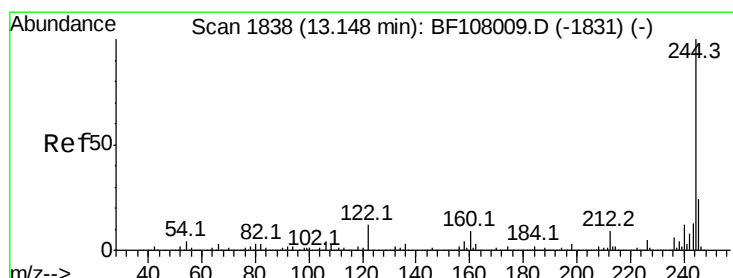
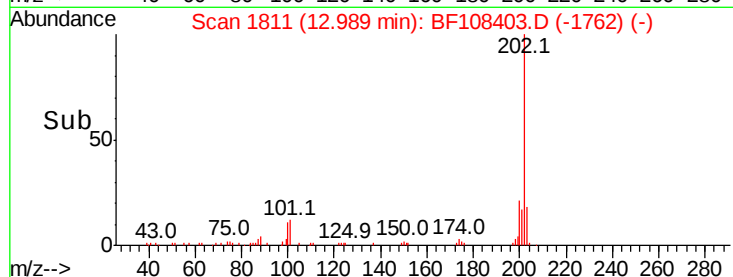
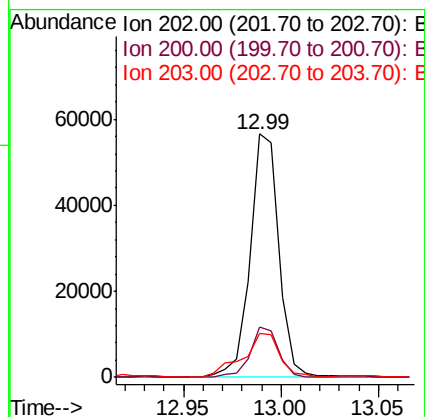
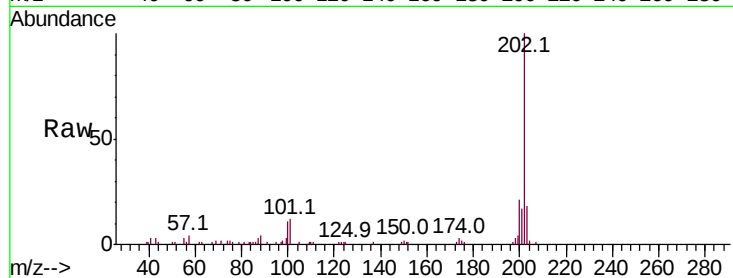
ClientSampleId :

LSB-06(0-1)

Tot Ion:	202	Resp:	57631
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 67.698 ng

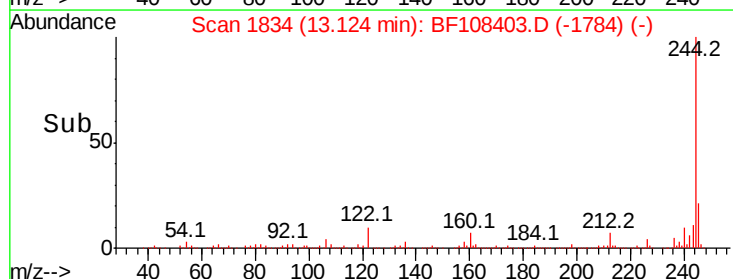
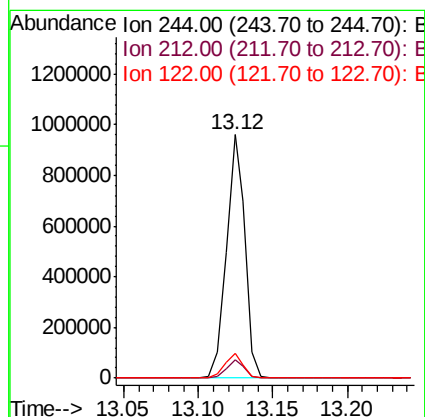
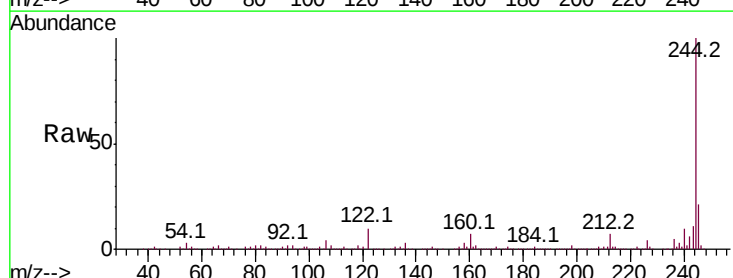
RT: 13.12 min Scan# 1834

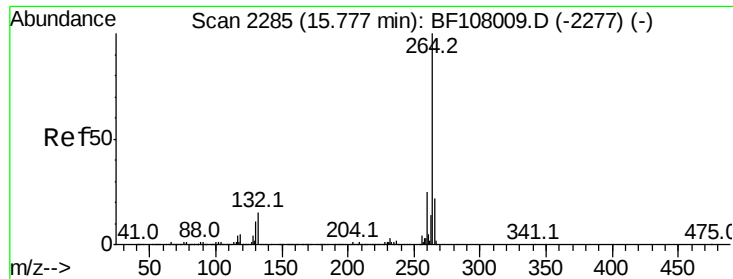
Delta R.T. -0.01 min

Lab File: BF108403.D

Acq: 23 Aug 2018 00:21

Tgt Ion:	244	Resp:	842254
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	10.3	11.0	16.4#





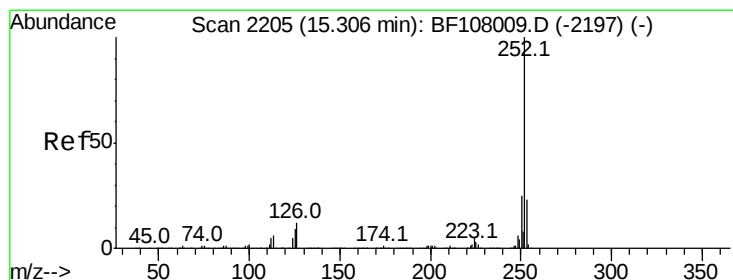
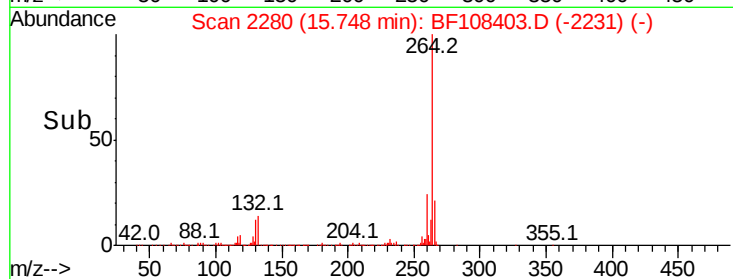
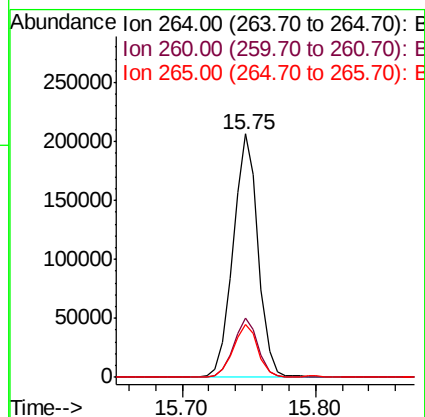
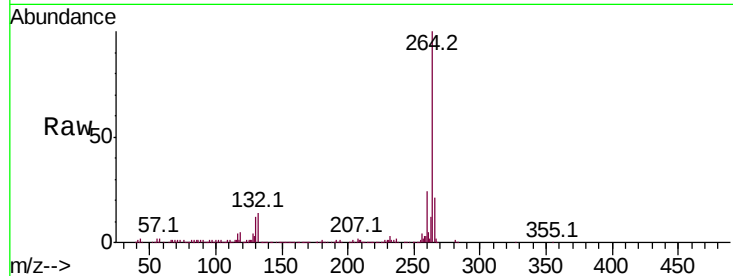
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Instrument :
BNA_F
ClientSampleId :
LSB-06(0-1)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

Manual Integrations
APPROVED

Sohil
8/23/2018 3:43:33 PM



#87
Benzo(b)fluoranthene
Concen: 2.424 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108403.D
Acq: 23 Aug 2018 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	11.6	9.0	13.6

