

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108206.D
 Acq On : 16 Aug 2018 20:23
 Operator : JU/SJ
 Sample : J4499-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSB-03(0-1)

Manual Integrations
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Sohil
 8/17/2018 3:30:49 PM

Quant Time: Aug 17 04:33:43 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	178406	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	646782	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	288115	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	477655	20.00	ng	0.00
75) Chrysene-d12	14.21	240	450650	20.00	ng	0.00
86) Perylene-d12	15.77	264	333591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	530509	53.84	ng	0.00
7) Phenol-d6	6.63	99	700707	53.51	ng	0.00
23) Nitrobenzene-d5	7.57	82	454958	39.25	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	147751	51.41	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	817756	45.57	ng	0.00
78) Terphenyl-d14	13.14	244	691437	39.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	72932	3.634	ng	Qvalue # 98
74) Fluoranthene	12.78	202	61359	2.495	ng	94
87) Benzo(b)fluoranthene	15.30	252	40500m	2.032	ng	

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

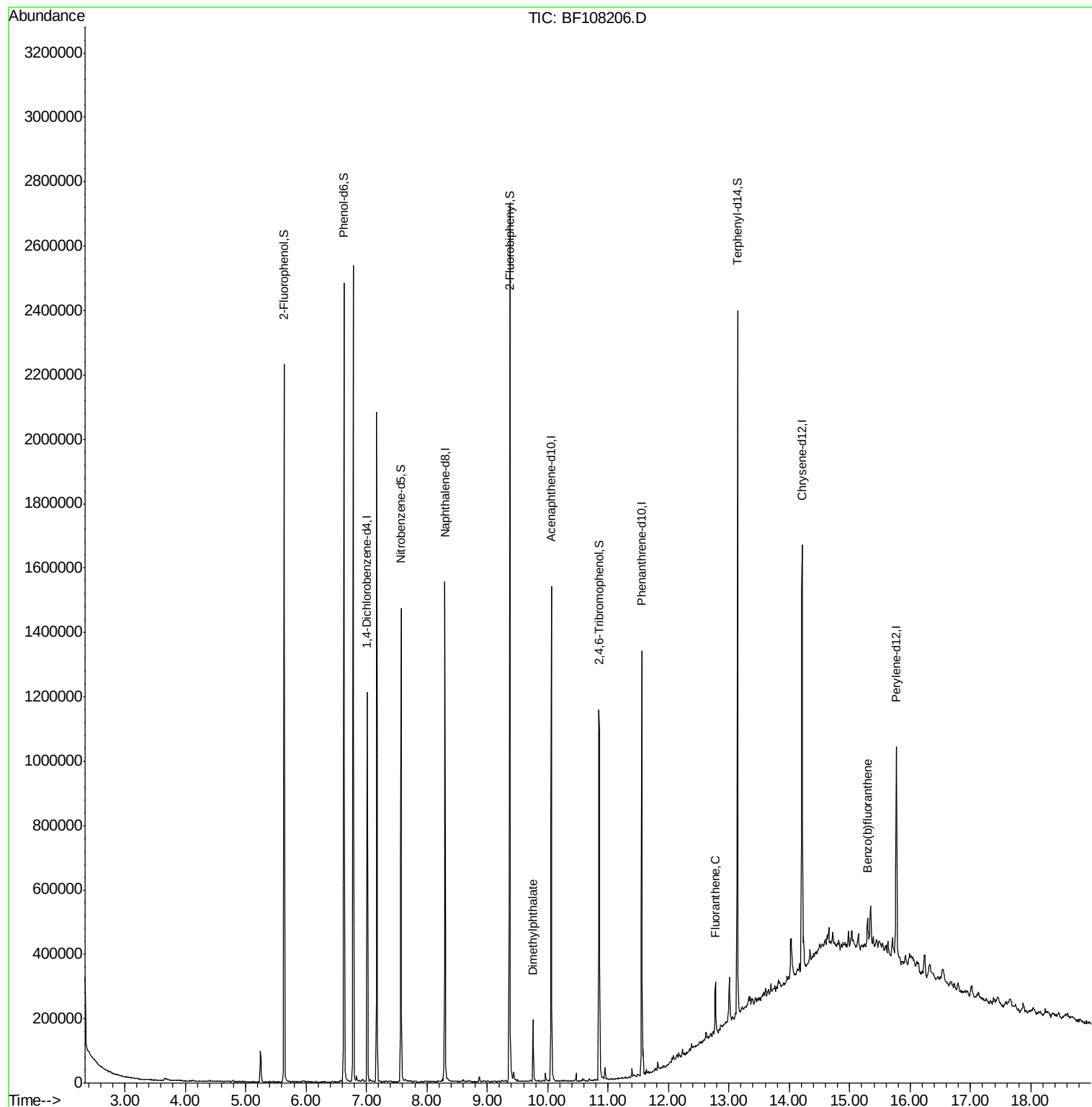
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108206.D
Acq On : 16 Aug 2018 20:23
Operator : JU/SJ
Sample : J4499-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

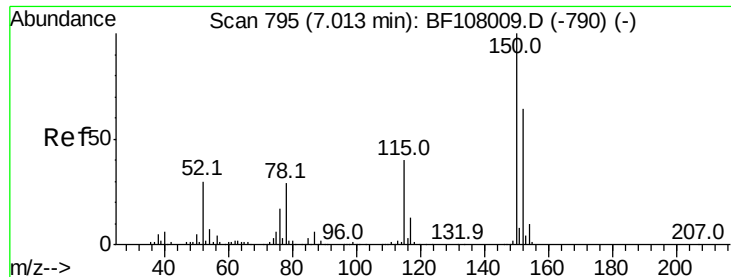
Instrument :
BNA_F
ClientSampleId :
LSB-03(0-1)

Manual Integrations
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Response via : Initial Calibration





#1

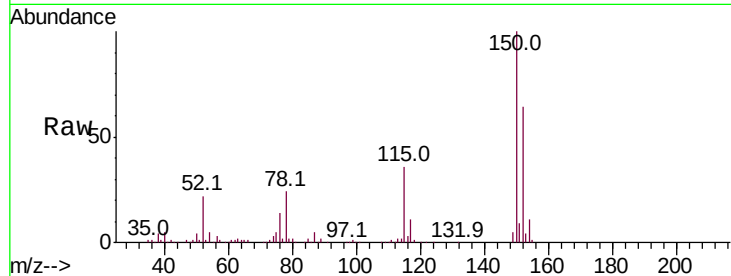
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108206.D
Acq: 16 Aug 2018 20:23

Instrument :
BNA_F
ClientSampleId :
LSB-03(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	56.1	50.1	75.1

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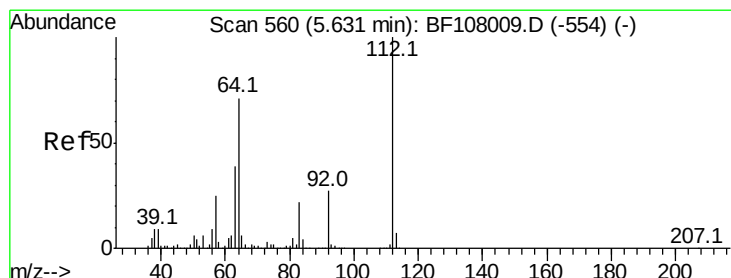
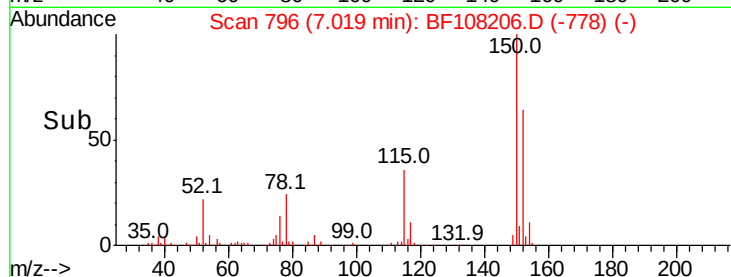
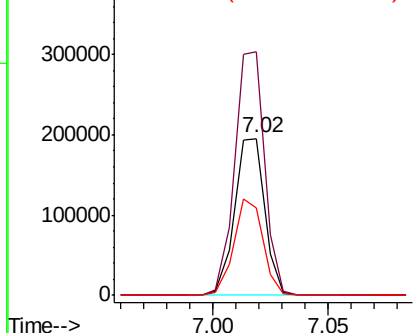


Abundance

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: 53.836 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108206.D
Acq: 16 Aug 2018 20:23

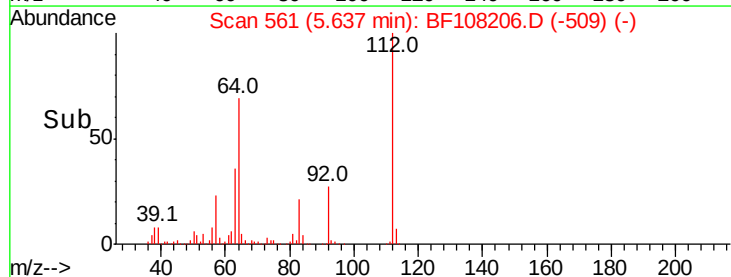
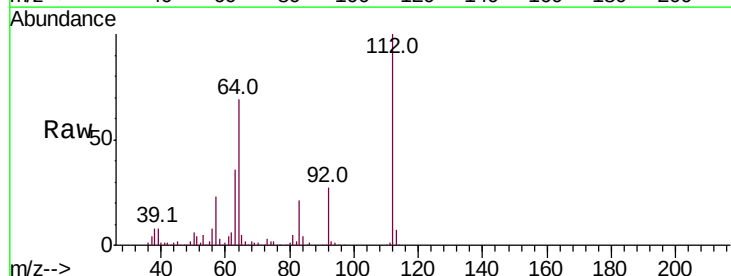
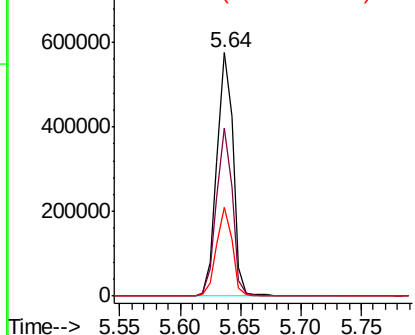
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	47.9	71.9
63	36.4	23.7	35.5#

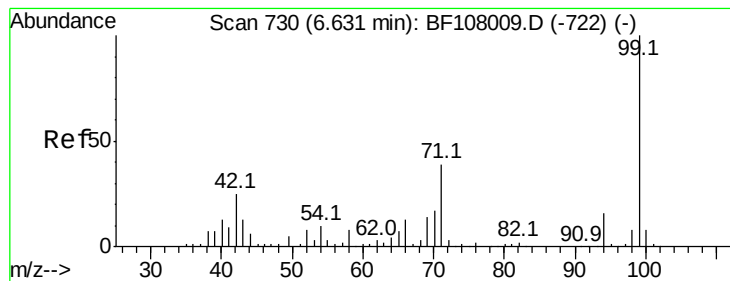
Abundance

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: 53.510 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108206.D

Acq: 16 Aug 2018 20:23

Instrument :

BNA_F

ClientSampled :

LSB-03(0-1)

Tot Ion: 99 Resp: 700707

Ion Ratio Lower Upper

99 100

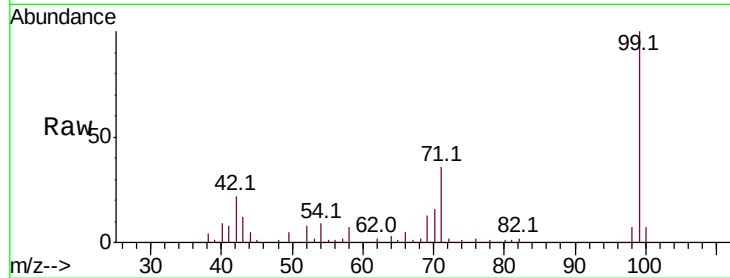
42 22.4 14.5 21.7#

71 36.2 25.4 38.0

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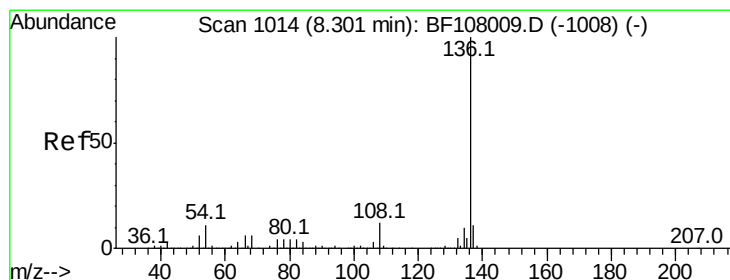
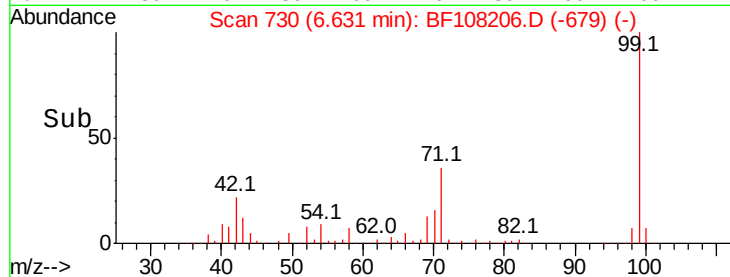
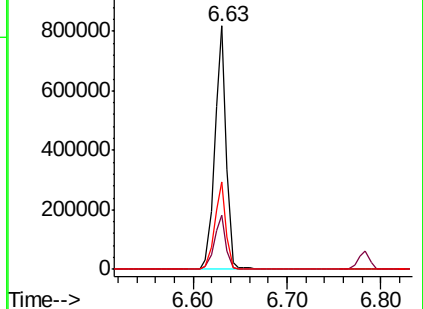
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108206.D

Acq: 16 Aug 2018 20:23

Tgt Ion: 136 Resp: 646782

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.5 6.6 9.8

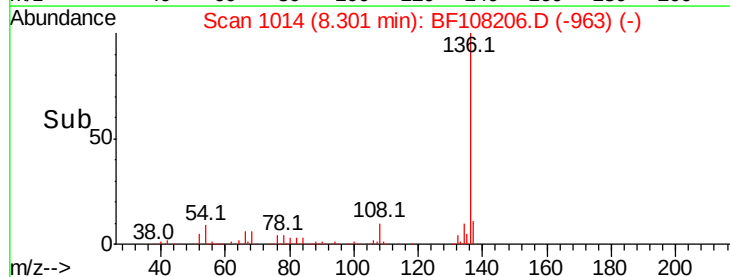
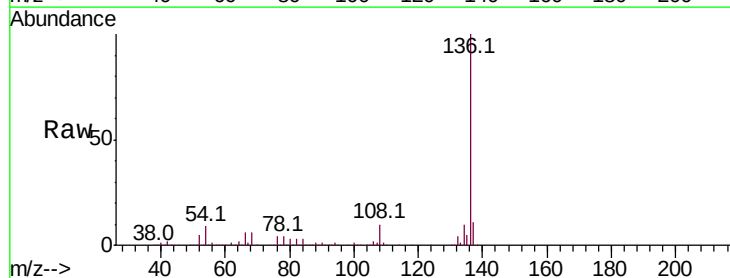
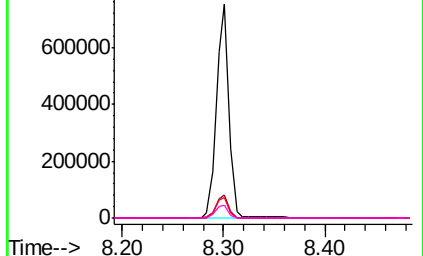
68 6.0 5.0 7.4

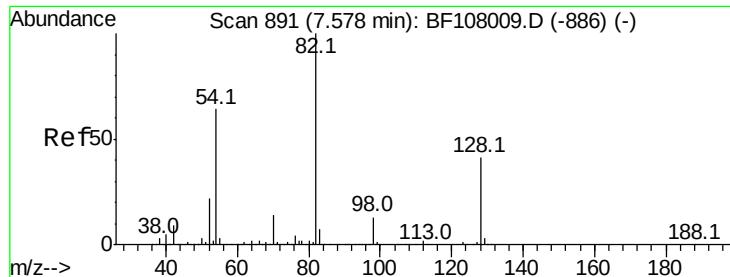
Abundance Ion 136.00 (135.70 to 136.70): E

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





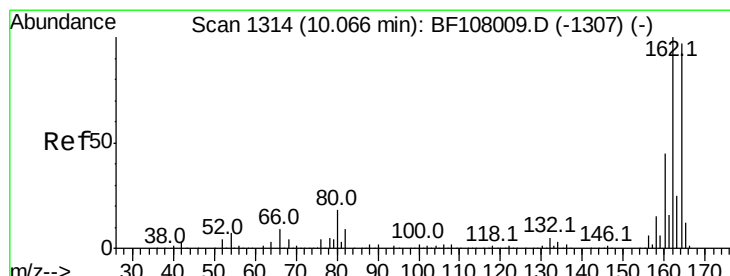
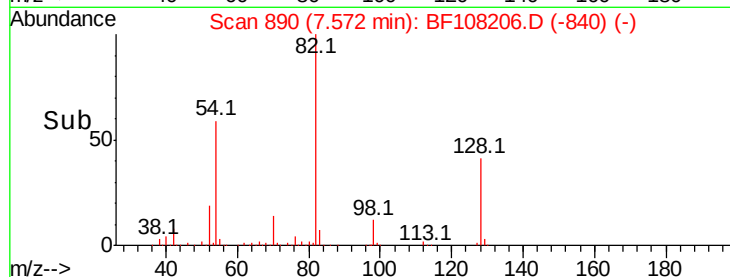
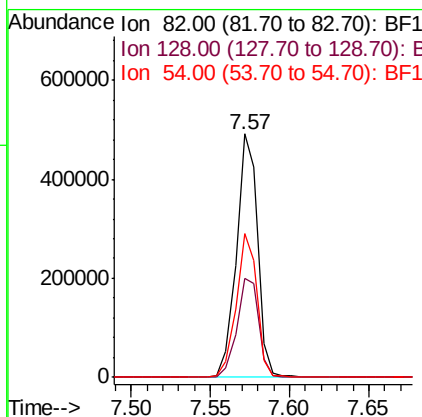
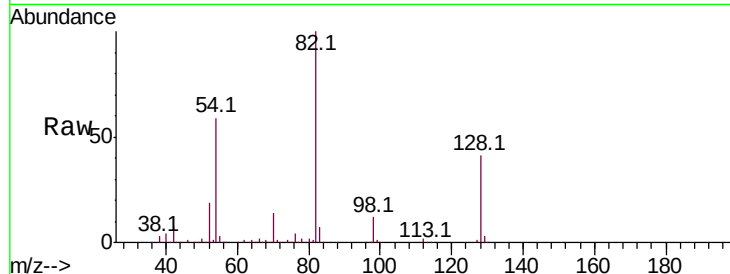
#23
 Nitrobenzene-d5
 Concen: 39.252 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108206.D
 Acq: 16 Aug 2018 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LSB-03(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.5	36.1	54.1	
54	59.0	41.4	62.2	

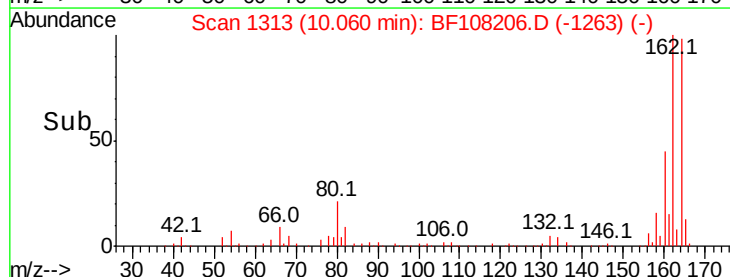
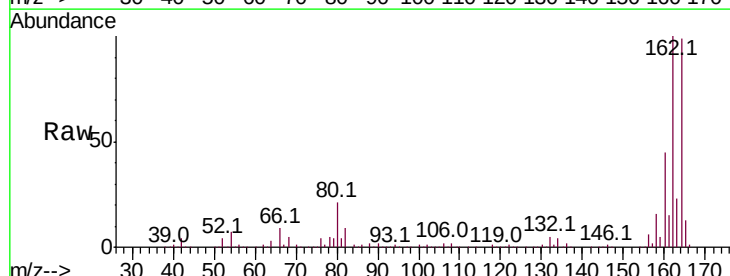
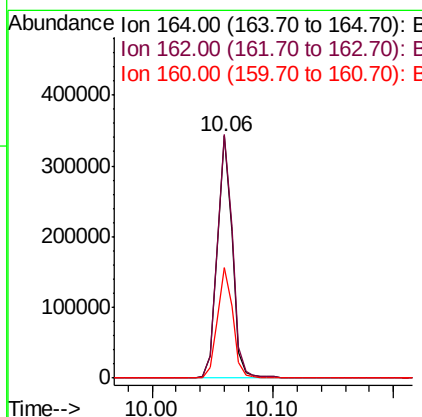
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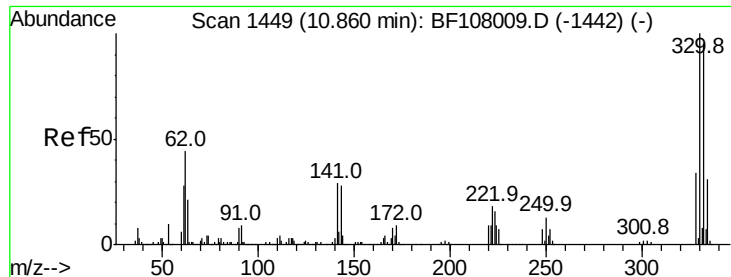
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108206.D
 Acq: 16 Aug 2018 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	86.1	129.1	
160	45.7	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 51.412 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108206.D

Acq: 16 Aug 2018 20:23

Instrument :

BNA_F

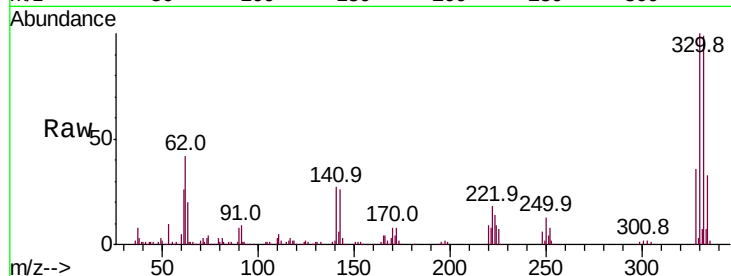
ClientSampled :

LSB-03(0-1)

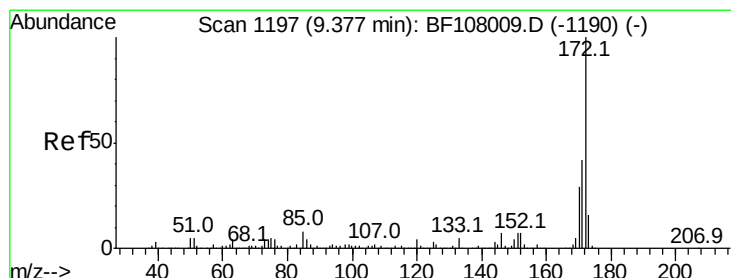
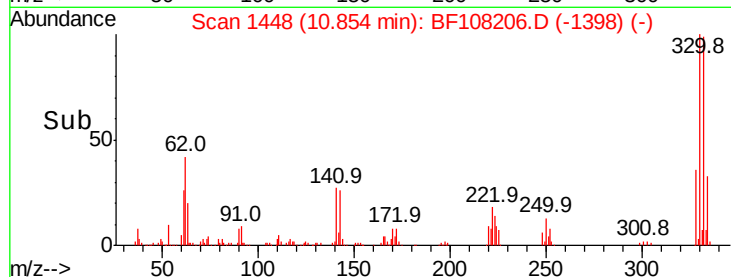
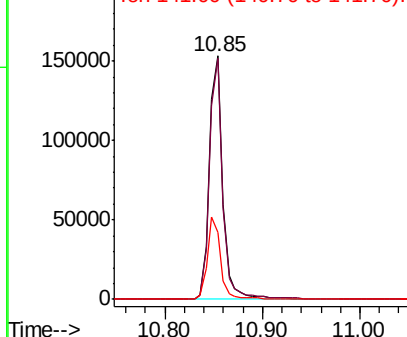
Tot Ion:	330	Resp:	147751
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.0	115.6
141	32.8	29.9	44.9

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



#44

2-Fluorobiphenyl

Concen: 45.568 ng

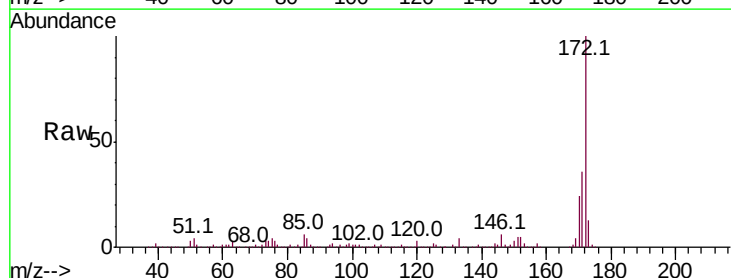
RT: 9.37 min Scan# 1196

Delta R.T. -0.01 min

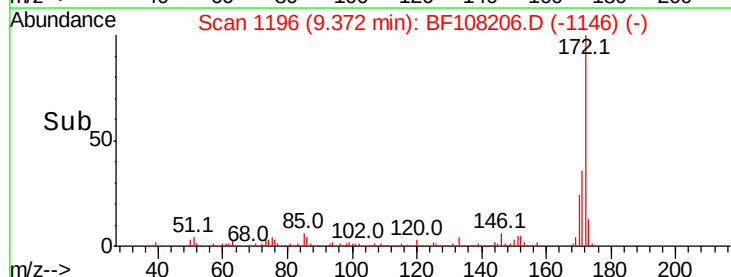
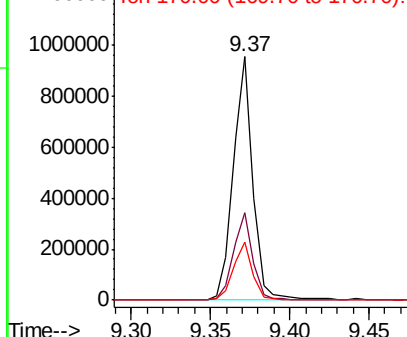
Lab File: BF108206.D

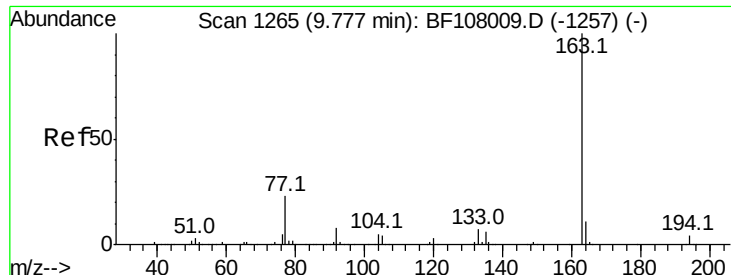
Acq: 16 Aug 2018 20:23

Tgt Ion:	172	Resp:	817756
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	23.9	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





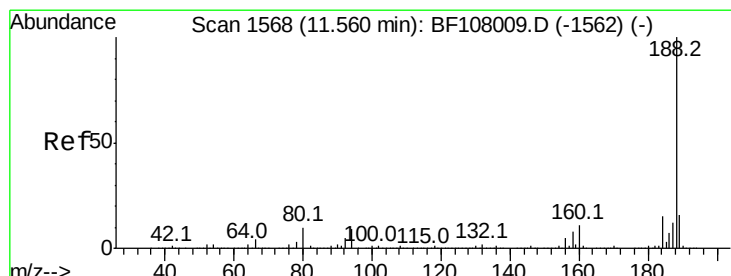
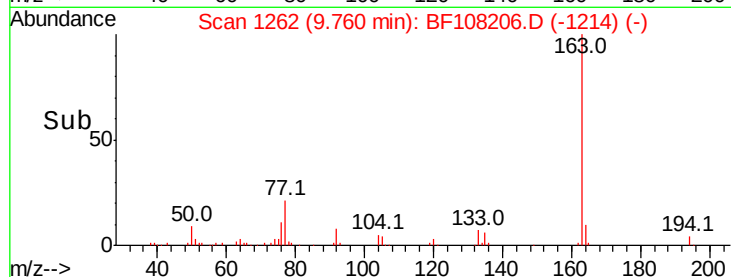
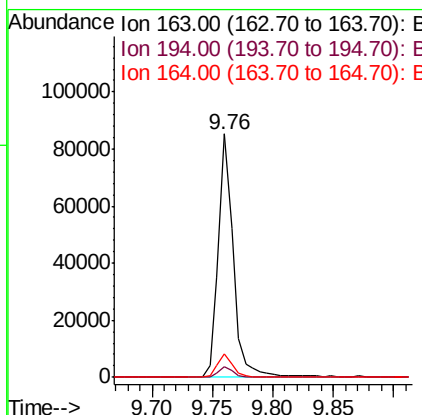
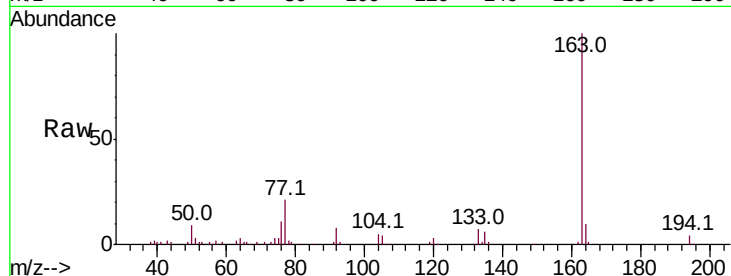
#49
 Dimethylphthalate
 Concen: 3.634 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108206.D
 Acq: 16 Aug 2018 20:23

Instrument :
 BNA_F
 ClientSampled :
 LSB-03(0-1)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.7	8.2	12.2

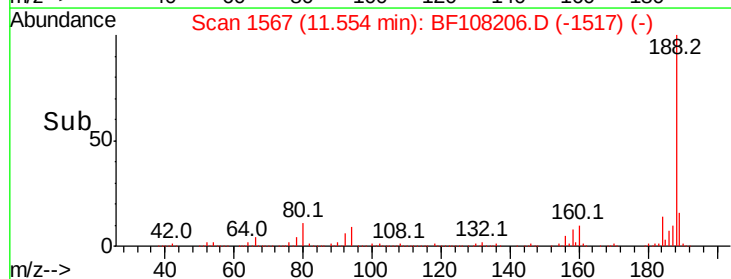
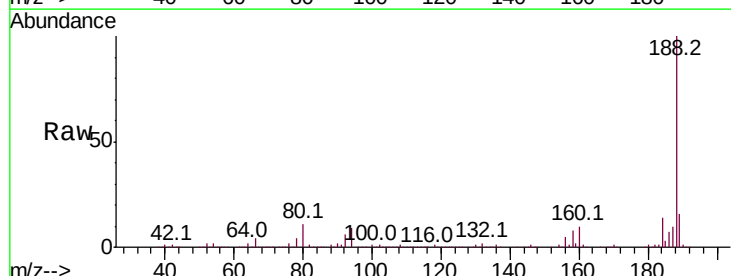
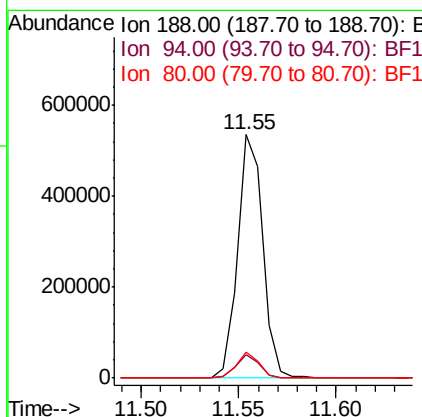
Manual Integrations
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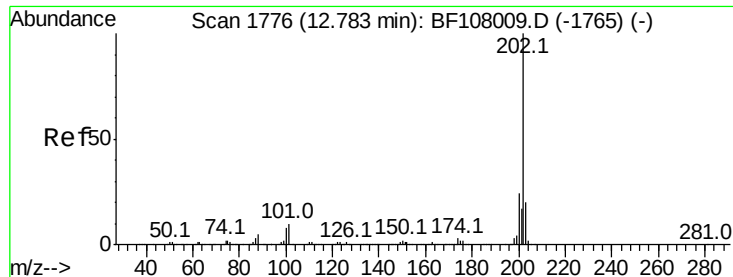
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108206.D
 Acq: 16 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.6	9.2	13.8





#74

Fluoranthene

Concen: 2.495 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108206.D

Acq: 16 Aug 2018 20:23

Instrument :

BNA_F

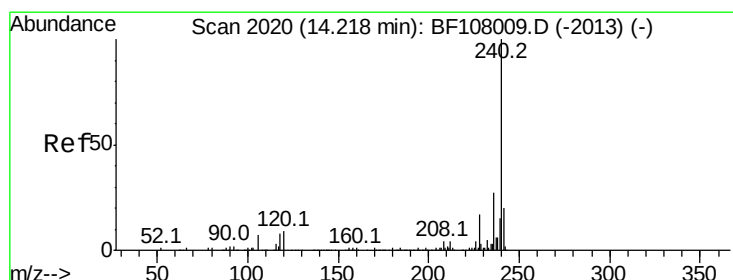
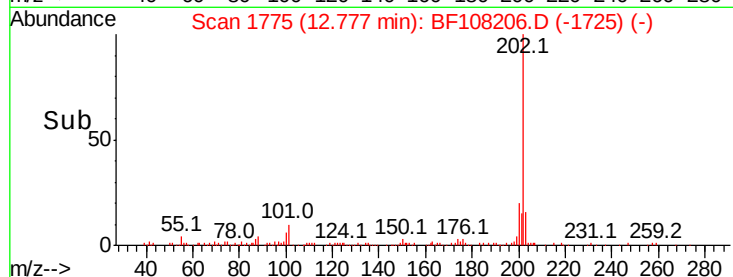
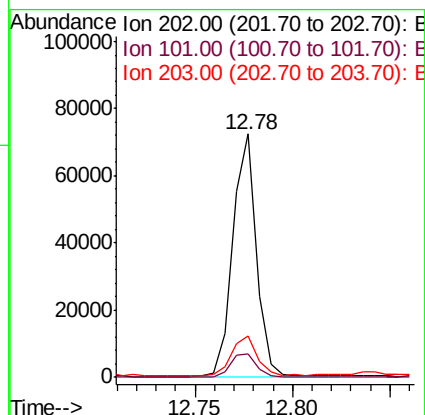
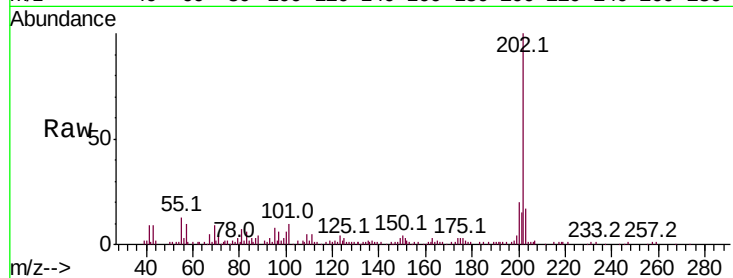
ClientSampled :

LSB-03(0-1)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

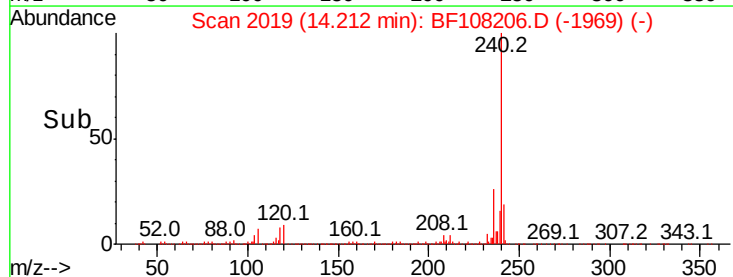
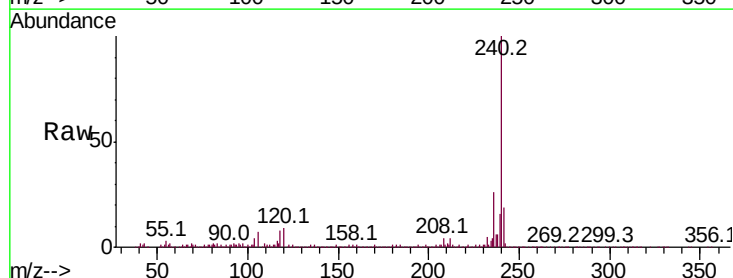
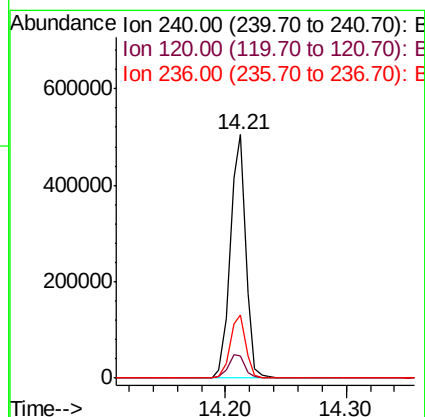
RT: 14.21 min Scan# 2019

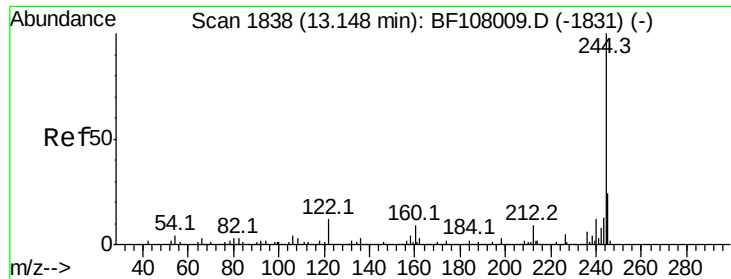
Delta R.T. -0.01 min

Lab File: BF108206.D

Acq: 16 Aug 2018 20:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.8	20.7	31.1





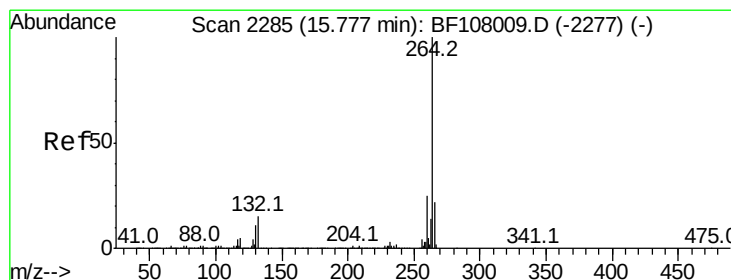
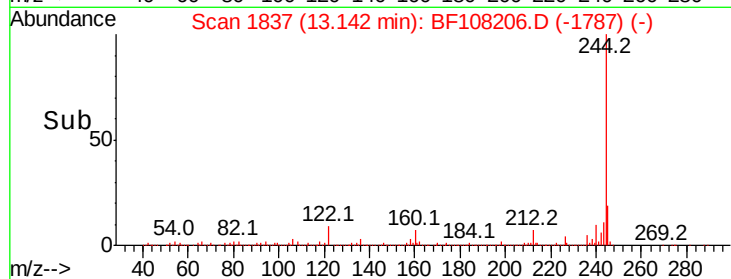
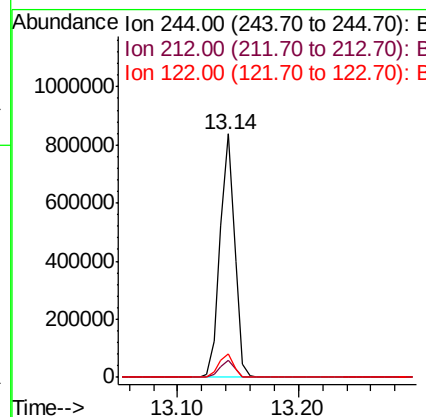
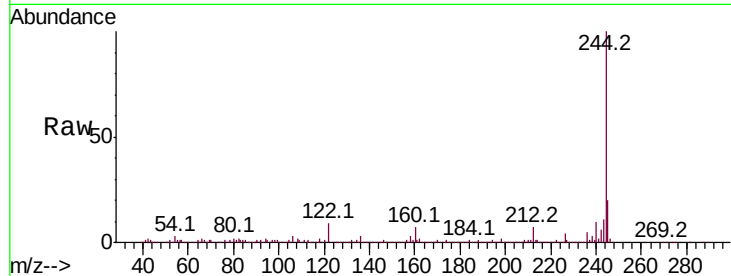
#78
 Terphenyl-d14
 Concen: 39.011 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108206.D
 Acq: 16 Aug 2018 20:23

Instrument :
 BNA_F
 ClientSampled :
 LSB-03(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.4	11.0	16.4

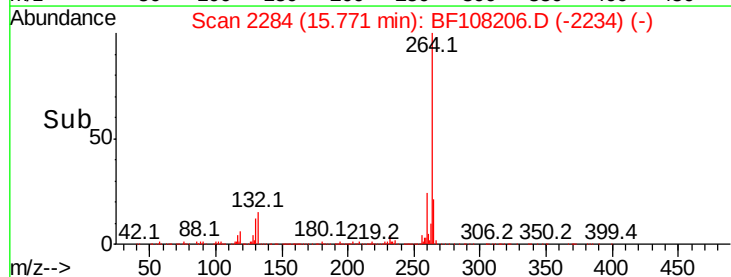
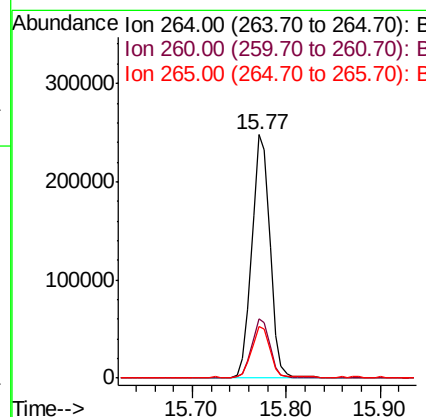
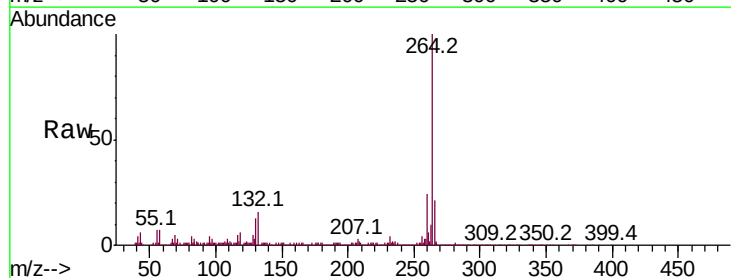
Manual Integrations
 APPROVED

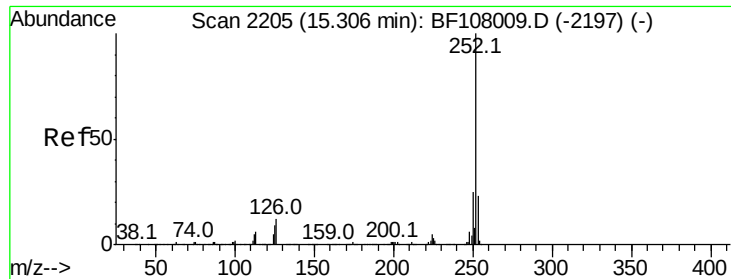
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108206.D
 Acq: 16 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.032 ng/ml
 RT: 15.30 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BF108206.D
 Acq: 16 Aug 2018 20:23

Instrument :
 BNA_F
 ClientSampleId :
 LSB-03(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	23.8	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:49 PM

