

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107654.D
 Acq On : 25 Jul 2018 13:59
 Operator : JU/SJ
 Sample : J4096-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-12

Manual Integrations
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Sohil
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Quant Time: Jul 25 15:11:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	281256	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	1087505	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	453139	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	809659	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	557158	20.00	ng	-0.01
86) Perylene-d12	15.68	264	530629	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1527882	87.34	ng	0.00
7) Phenol-d6	6.60	99	1851033	88.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1161485	72.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	457820	88.85	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1791946	62.90	ng	-0.01
78) Terphenyl-d14	13.09	244	1357216	62.36	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	194967	5.709	ng	Qvalue # 98
74) Fluoranthene	12.72	202	102426	2.419	ng	97
77) Pyrene	12.95	202	87282	2.290	ng	96
87) Benzo(b)fluoranthene	15.22	252	79550m	2.739	ng	

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

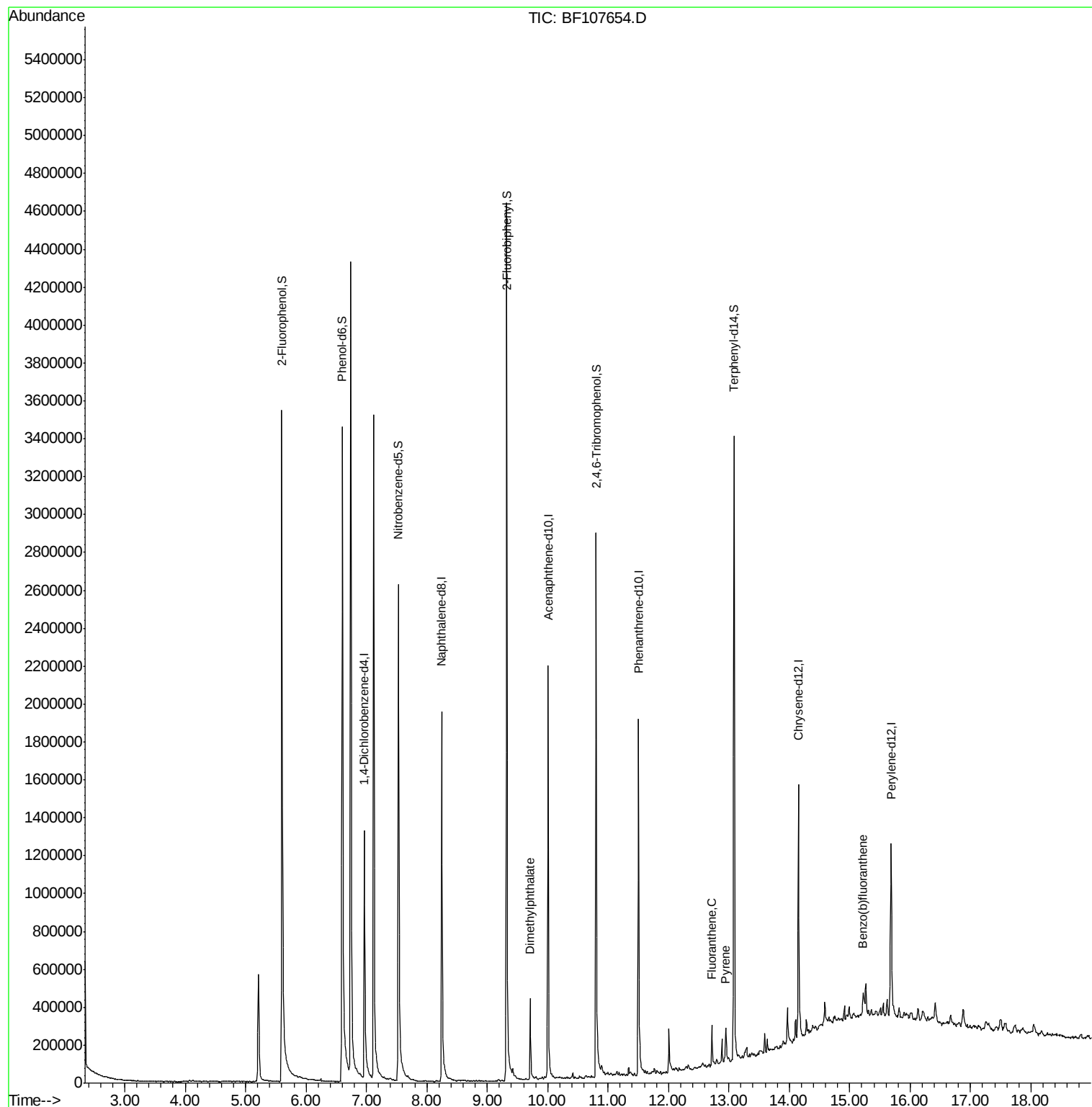
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107654.D
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Sample : J4096-10
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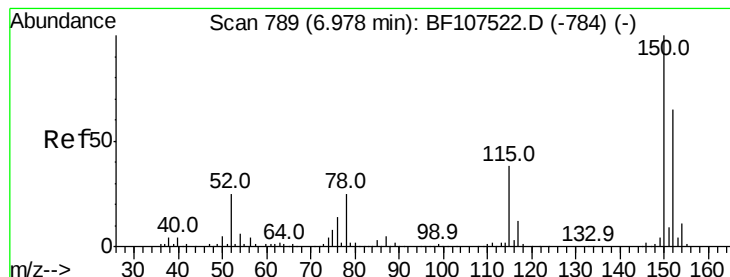
Instrument :
BNA_F
ClientSampleId :
DW-12

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Quant Time: Jul 25 15:11:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration





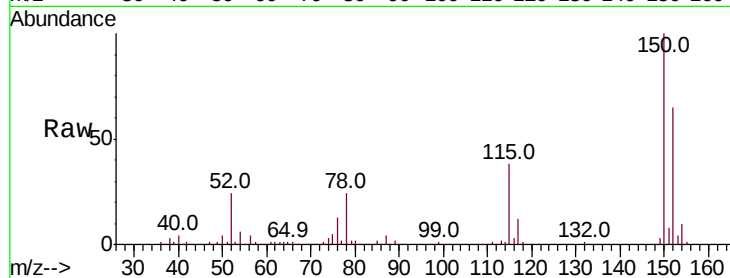
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107654.D
 Acq: 25 Jul 2018 13:59

Instrument :
 BNA_F
 ClientSampled :
 DW-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	57.7	50.1	75.1

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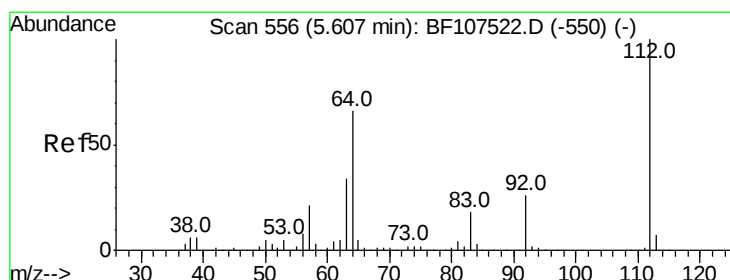
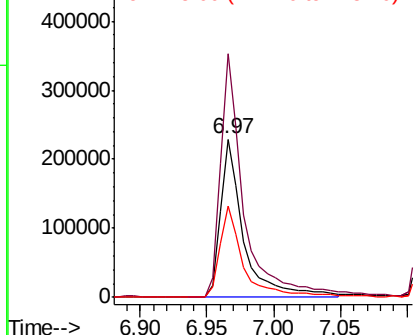
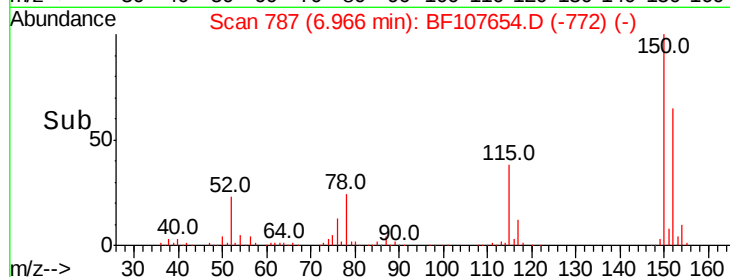


Abundance

Ion 152.00 (151.70 to 152.70): E

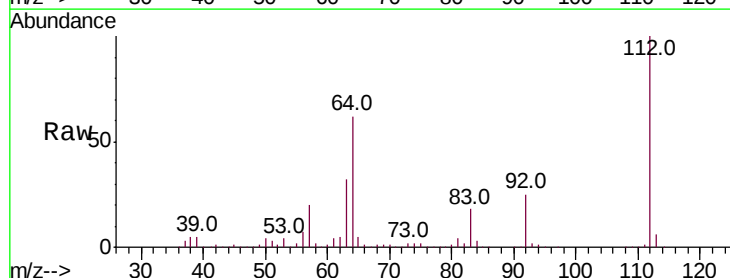
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 87.342 ng
 RT: 5.61 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF107654.D
 Acq: 25 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.9	71.9
63	31.9	23.7	35.5

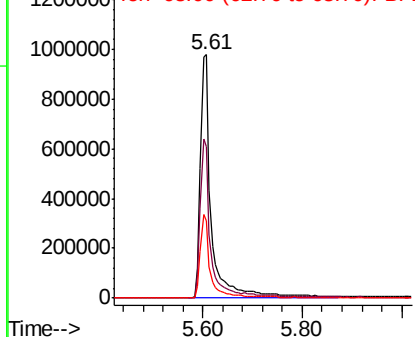
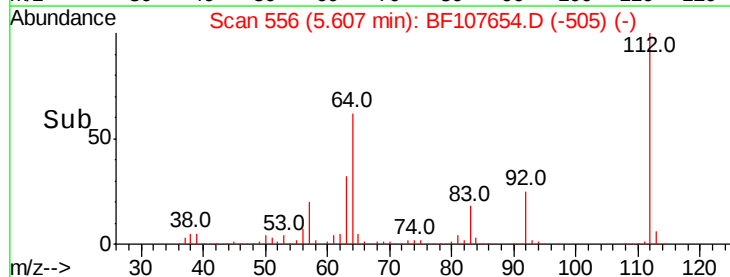


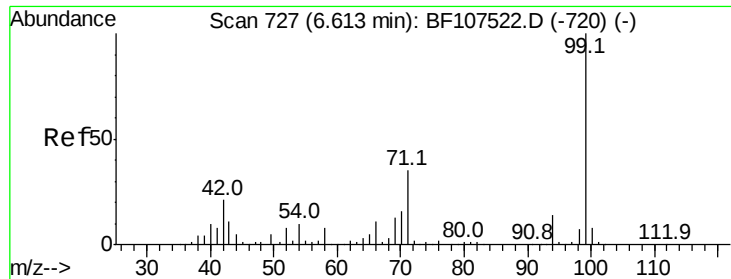
Abundance

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: 88.125 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107654.D

Acq: 25 Jul 2018 13:59

Instrument :

BNA_F

ClientSampleId :

DW-12

Tot Ion: 99 Resp: 1851033

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

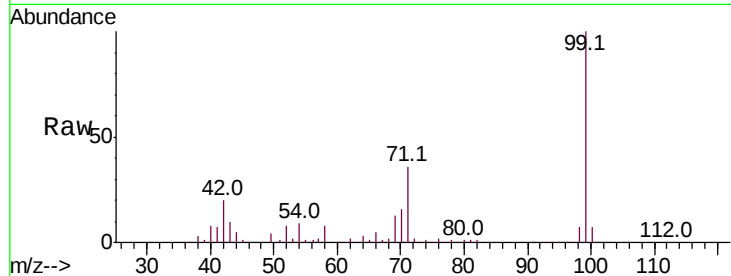
71 35.5 25.4 38.0

Manual Integrations

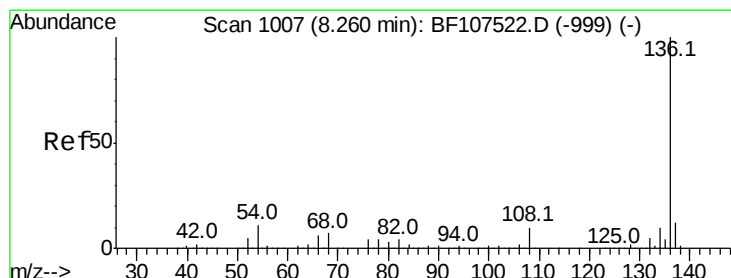
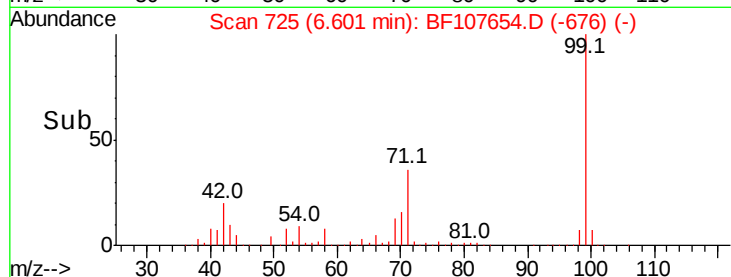
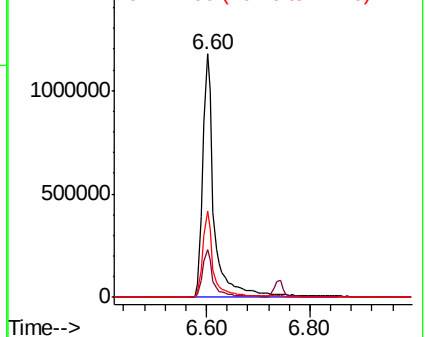
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107654.D

Acq: 25 Jul 2018 13:59

Tgt Ion: 136 Resp: 1087505

Ion Ratio Lower Upper

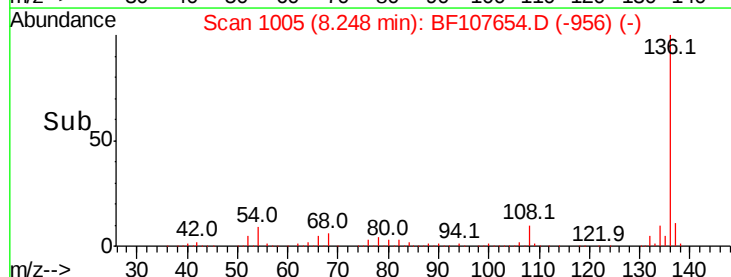
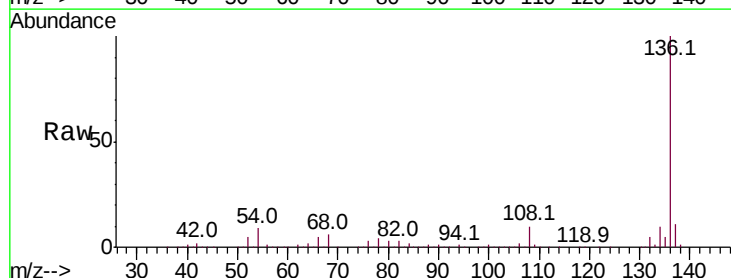
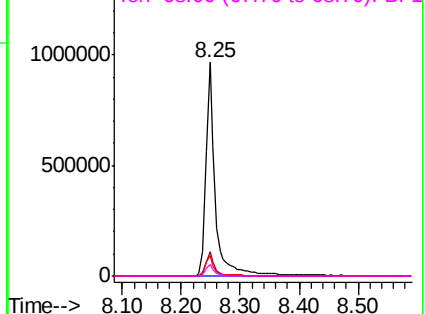
136 100

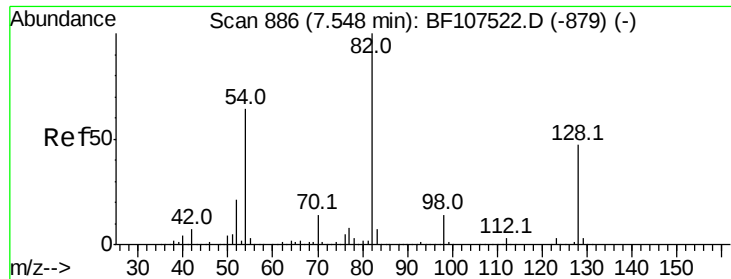
137 11.5 8.9 13.3

54 9.4 6.6 9.8

68 5.6 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





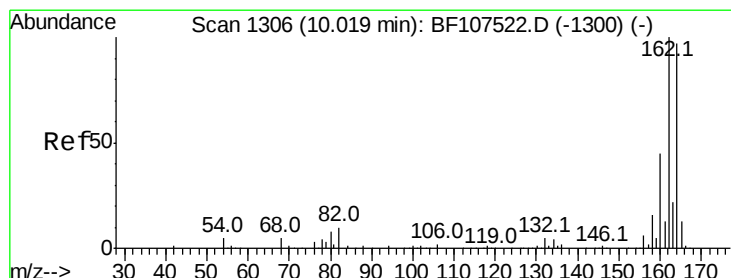
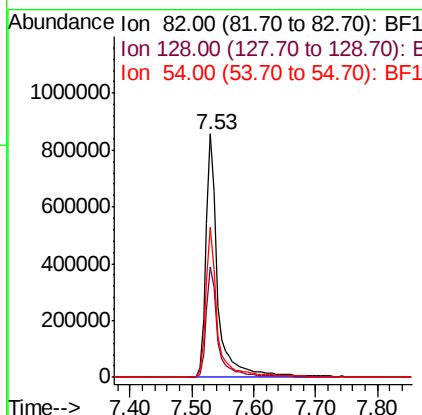
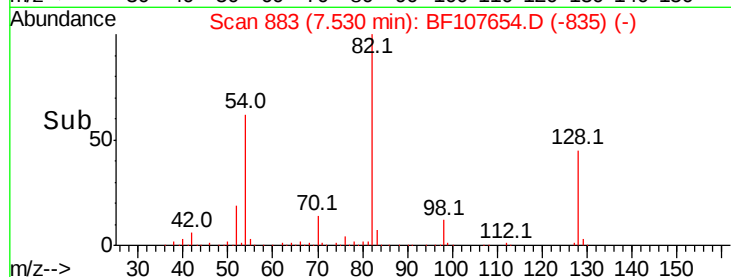
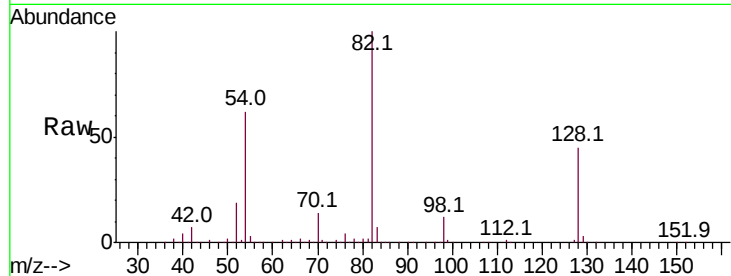
#23
Nitrobenzene-d5
Concen: 72.079 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107654.D
Acq: 25 Jul 2018 13:59

Instrument :
BNA_F
ClientSampled :
DW-12

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	61.9	41.4	62.2

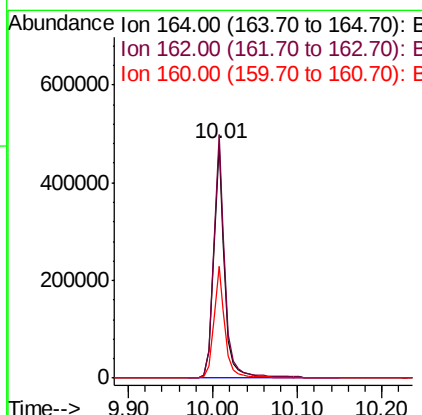
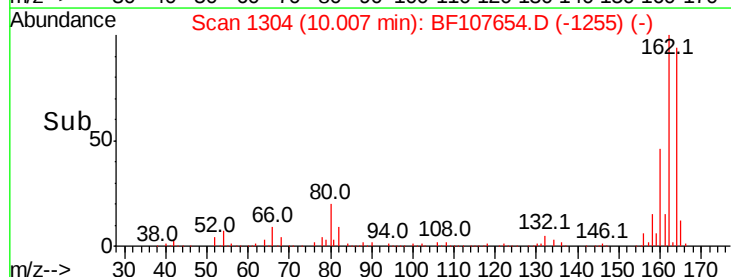
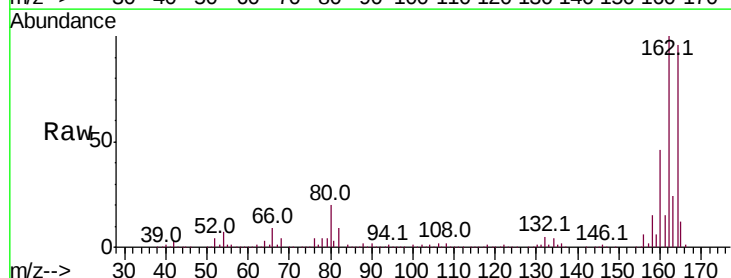
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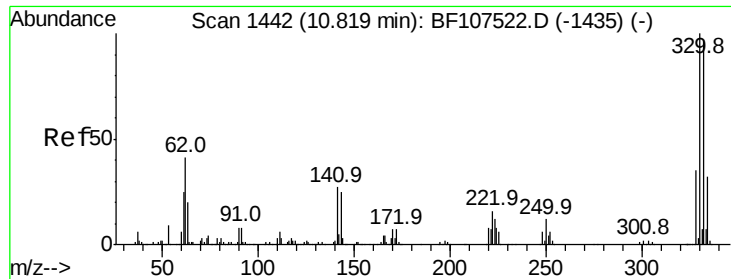
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107654.D
Acq: 25 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	48.0	38.3	57.5





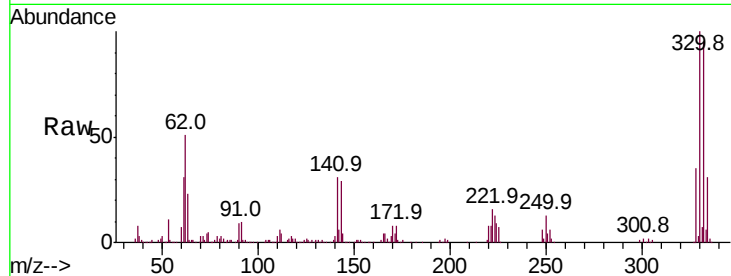
#41
 2,4,6-Tribromophenol
 Concen: 88.847 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107654.D
 Acq: 25 Jul 2018 13:59

Instrument :
 BNA_F
 ClientSampled :
 DW-12

Tot Ion	Ratio	Resp	Lower	Upper
330	100	457820		
332	96.4	77.0	115.6	
141	29.1	29.9	44.9#	

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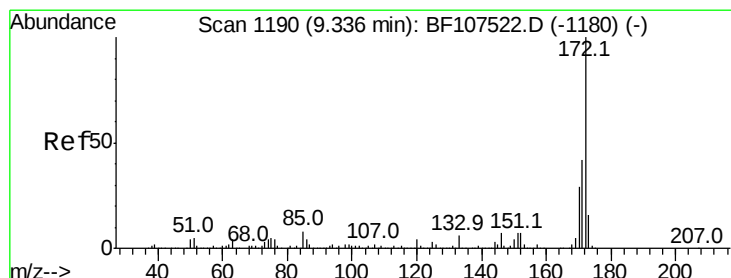
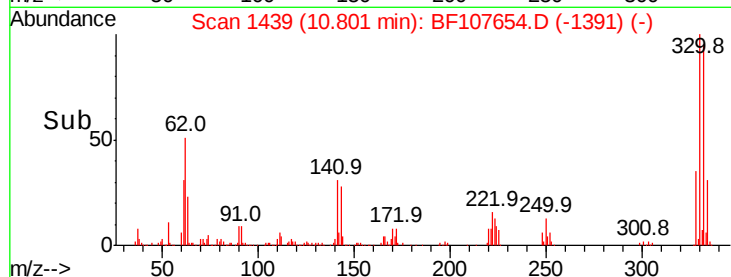
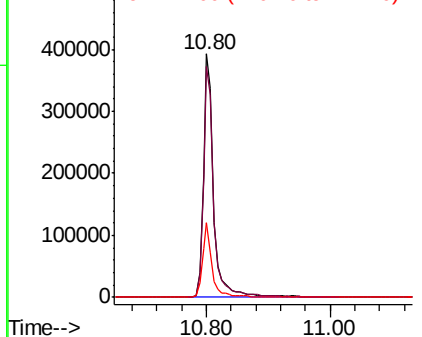


Abundance

Ion 329.80 (329.50 to 330.50): E

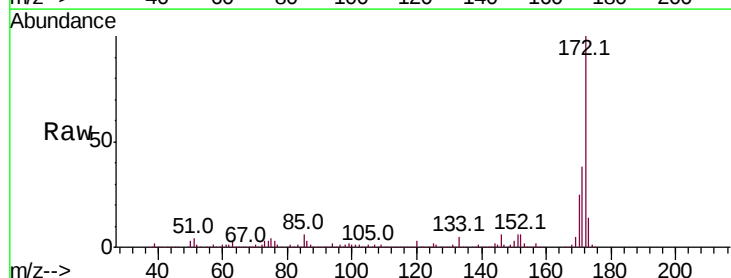
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.895 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107654.D
 Acq: 25 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1791946		
171	37.8	29.7	44.5	
170	25.4	19.6	29.4	

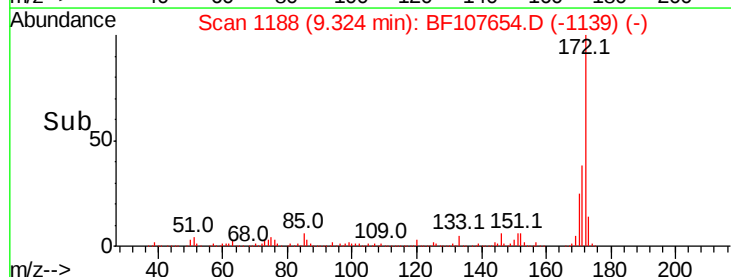
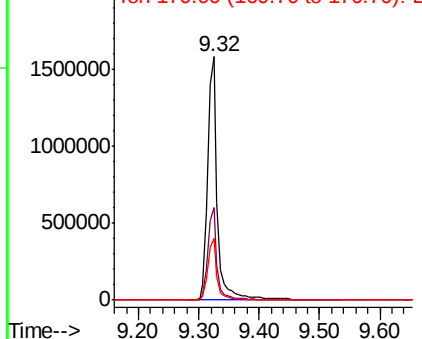


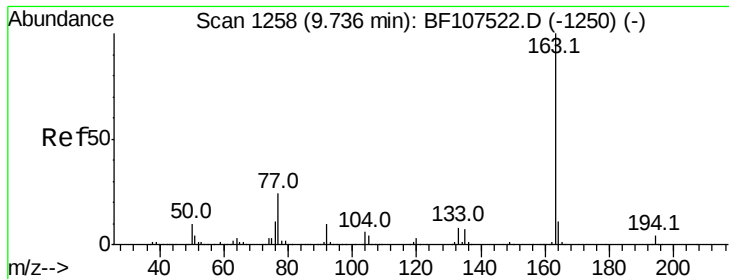
Abundance

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





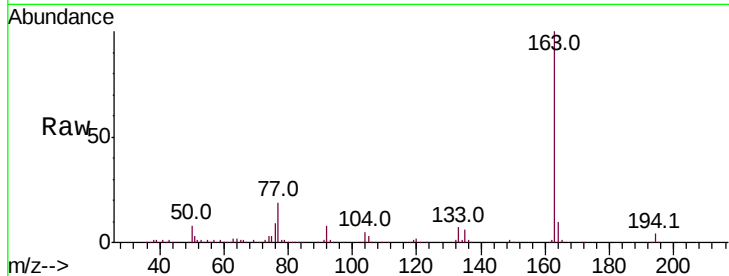
#49
Dimethylphthalate
Concen: 5.709 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107654.D
Acq: 25 Jul 2018 13:59

Instrument :
BNA_F
ClientSampled :
DW-12

Tot Ion	Ratio	Resp	Lower	Upper
163	100	194967		
194	4.1	2.7	4.1#	
164	9.7	8.2	12.2	

Manual Integrations
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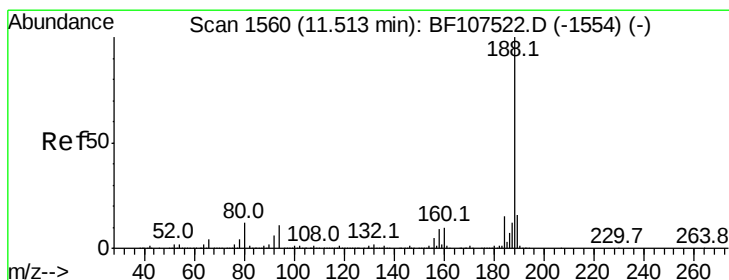
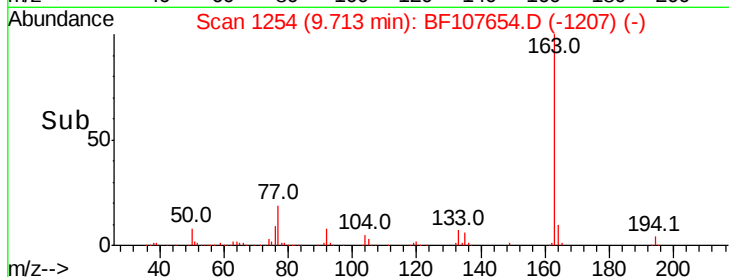
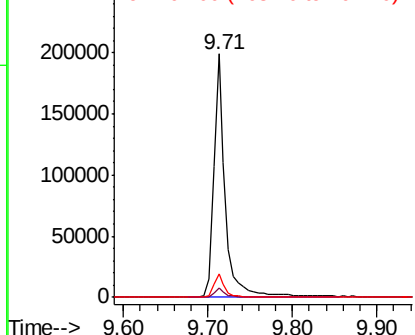


Abundance

Ion 163.00 (162.70 to 163.70): E

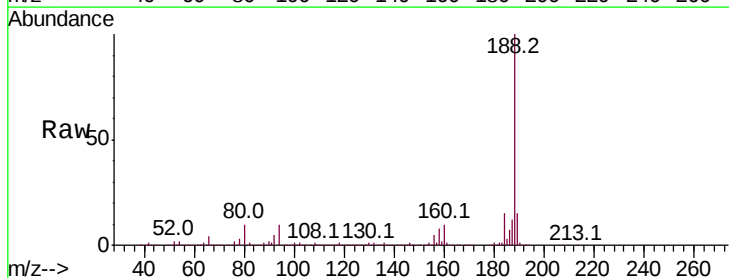
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107654.D
Acq: 25 Jul 2018 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	809659		
94	9.5	8.5	12.7	
80	9.9	9.2	13.8	

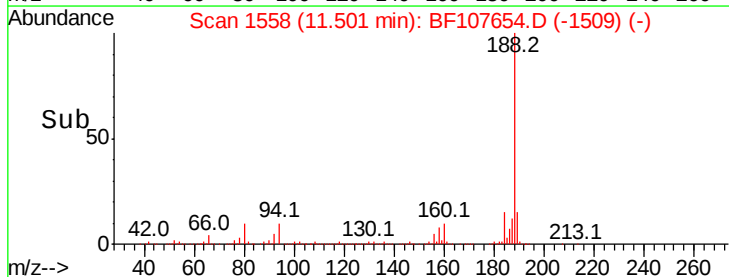
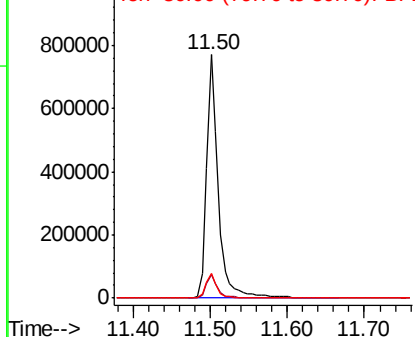


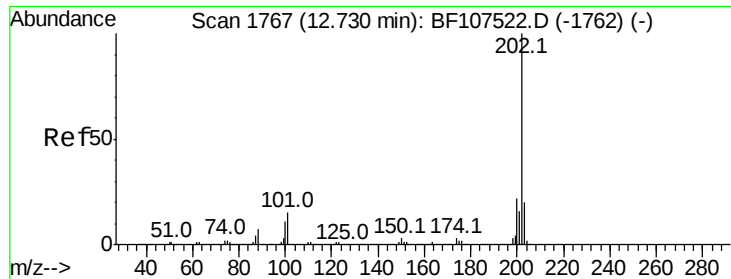
Abundance

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: 2.419 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107654.D

Acq: 25 Jul 2018 13:59

Instrument :

BNA_F

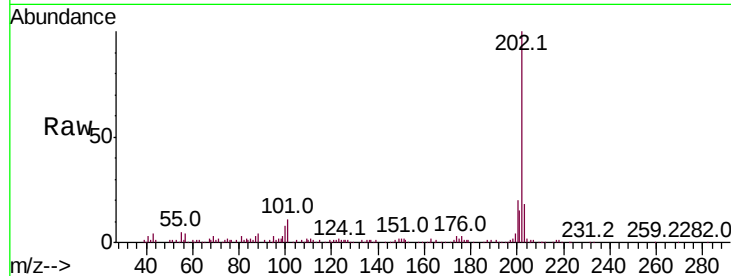
ClientSampled :

DW-12

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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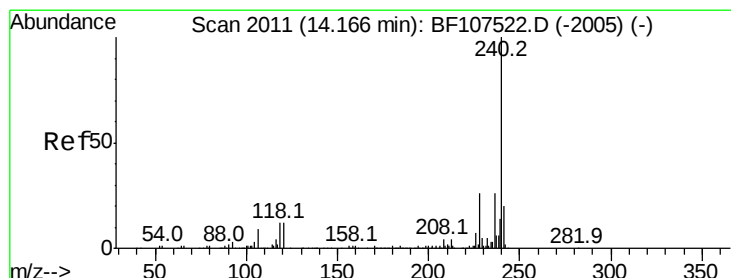
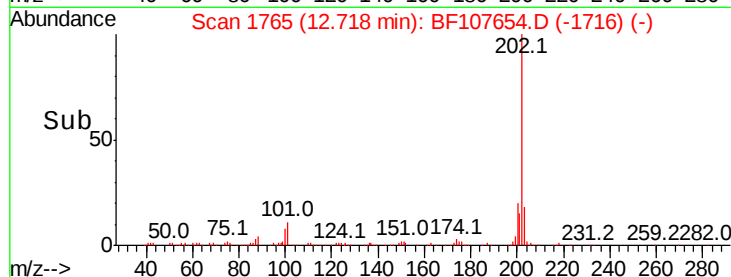
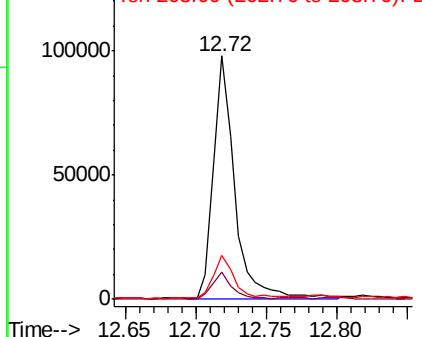
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107654.D

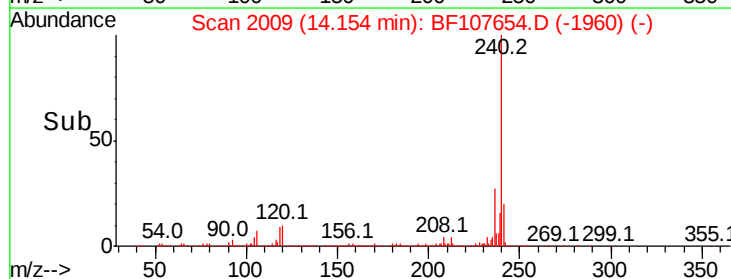
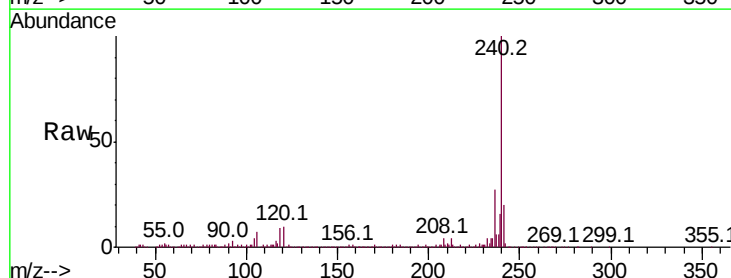
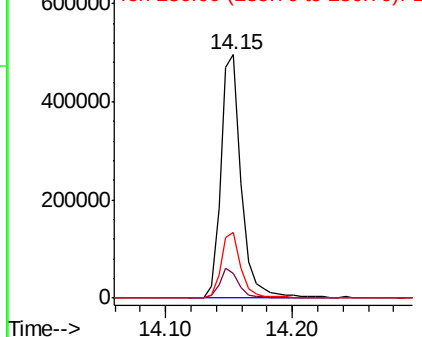
Acq: 25 Jul 2018 13:59

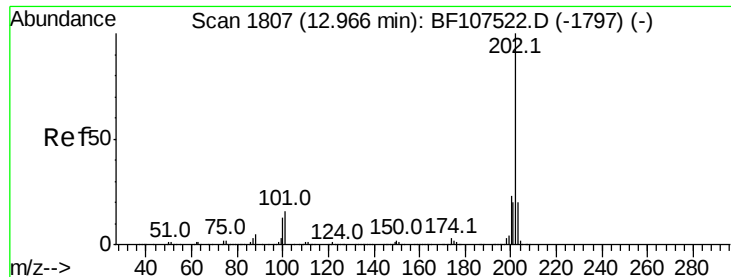
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	9.5	14.3
236	26.8	20.7	31.1

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

Pvrene

Concen: 2.290 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107654.D

Acq: 25 Jul 2018 13:59

Instrument :

BNA_F

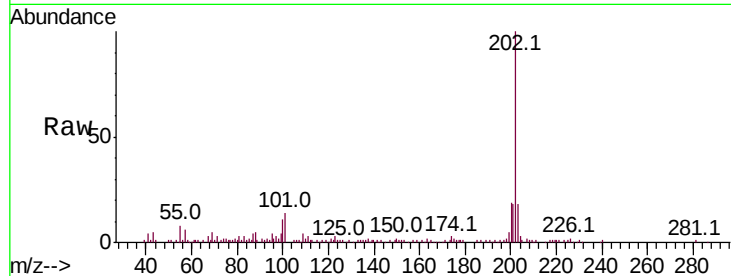
ClientSampled :

DW-12

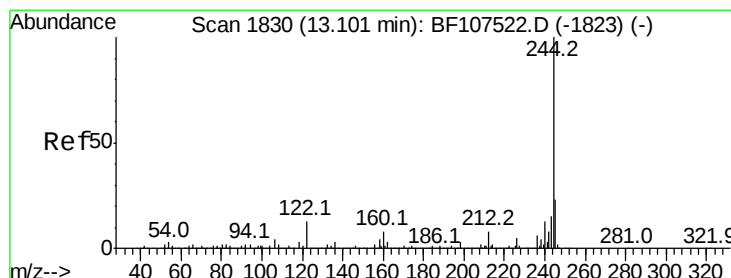
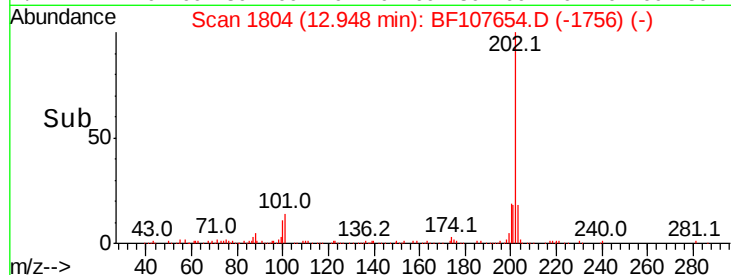
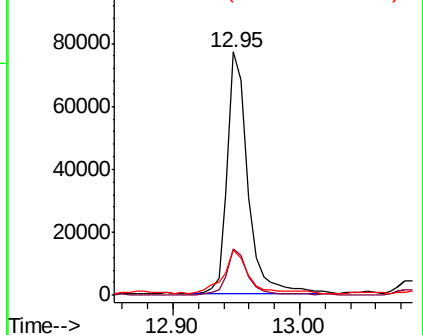
Tot Ion:	202	Resp:	87282
Ion Ratio	Lower	Upper	
202	100		
200	19.1	17.4	26.2
203	18.3	14.3	21.5

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: 62.363 ng

RT: 13.09 min Scan# 1828

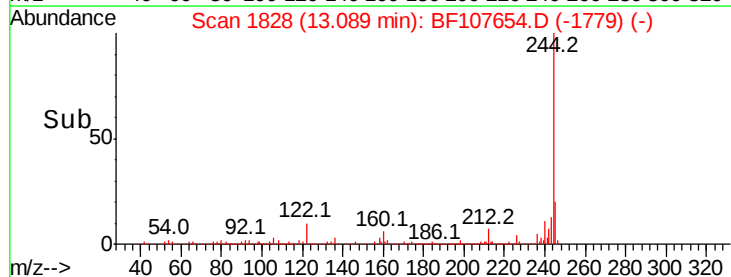
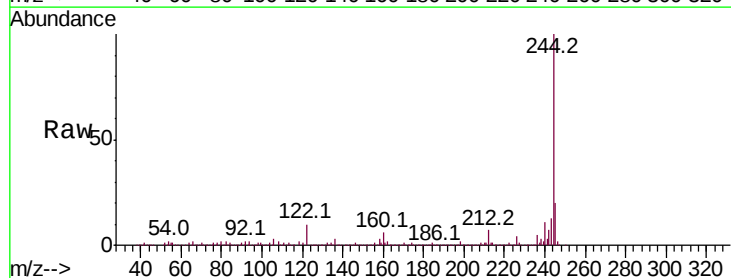
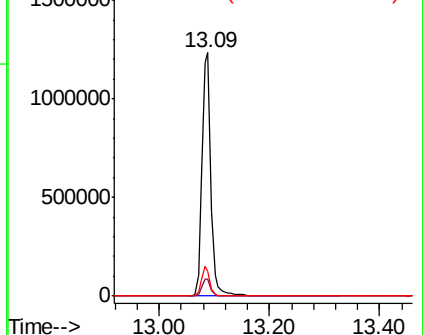
Delta R.T. -0.01 min

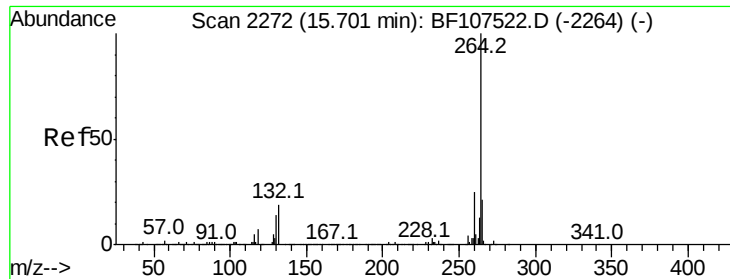
Lab File: BF107654.D

Acq: 25 Jul 2018 13:59

Tgt Ion:	244	Resp:	1357216
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	10.3	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





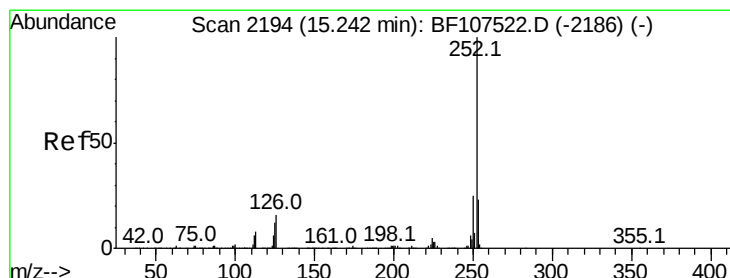
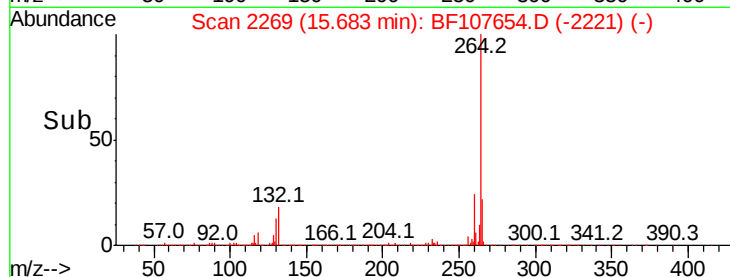
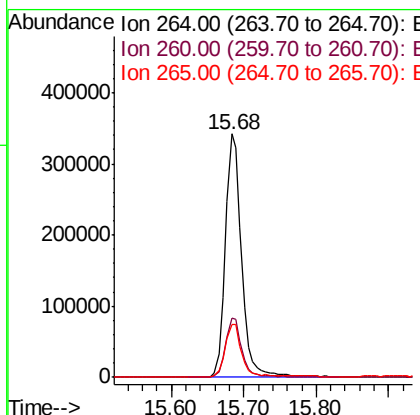
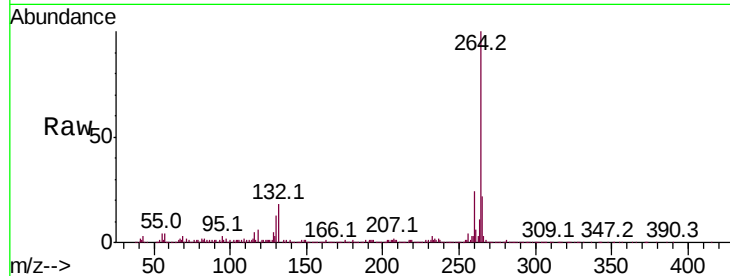
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107654.D
Acq: 25 Jul 2018 13:59

Instrument :
BNA_F
ClientSampled :
DW-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

Manual Integrations
APPROVED

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#87
Benzo(b)fluoranthene
Concen: 2.739 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107654.D
Acq: 25 Jul 2018 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	13.8	9.0	13.6#

