

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104155.D
 Acq On : 3 Apr 2018 2:39
 Operator : JU/SJ
 Sample : J2173-04DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW24S-GWDL

Manual Integrations
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 4/3/2018 2:27:49 PM

Quant Time: Apr 03 12:38:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83261	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	361399	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	154686	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	229672	20.00	ng	0.00
75) Chrysene-d12	14.14	240	205564	20.00	ng	0.00
86) Perylene-d12	15.69	264	191610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	24766	4.74	ng	0.05
7) Phenol-d6	6.65	99	22263m	3.47	ng	0.05
23) Nitrobenzene-d5	7.53	82	92147	15.59	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	32001	18.58	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	212724	21.69	ng	0.00
78) Terphenyl-d14	13.07	244	138096	15.51	ng	0.00
Target Compounds						
31) Naphthalene	8.26	128	634479	35.936	ng	100
51) Acenaphthene	10.03	154	22966	2.502	ng	94
70) Phenanthrene	11.52	178	38963	3.133	ng	98

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

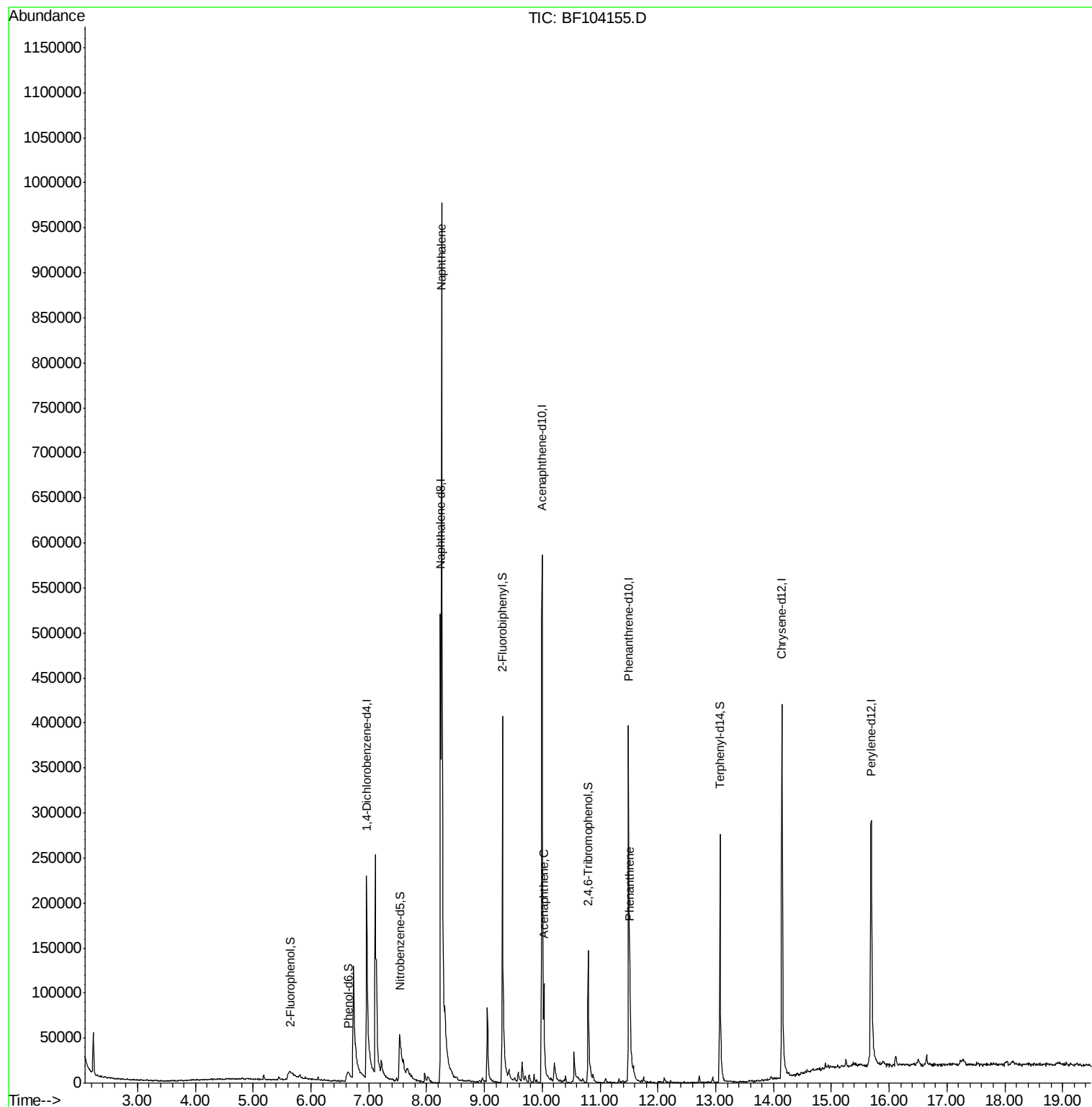
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104155.D
Acq On : 3 Apr 2018 2:39
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Response via : Initial Calibration





#1

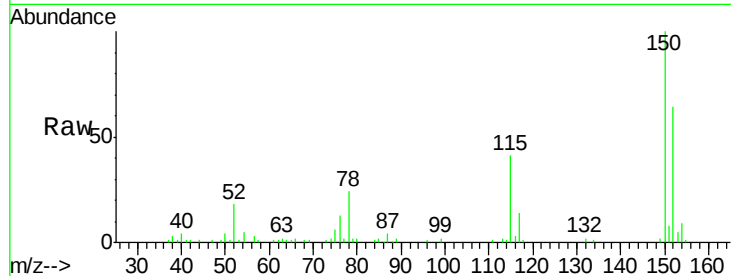
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104155.D
Acq: 3 Apr 2018 2:39

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GWDL

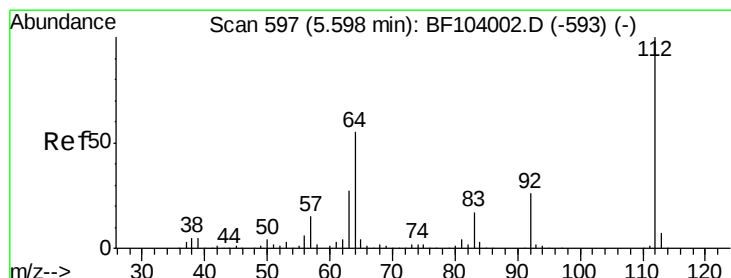
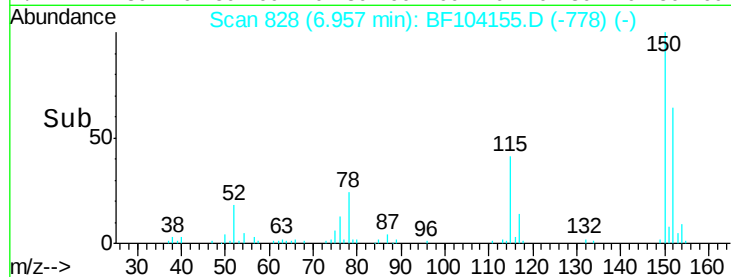
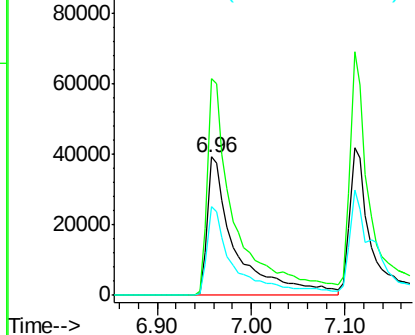
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	64.1	50.1	75.1

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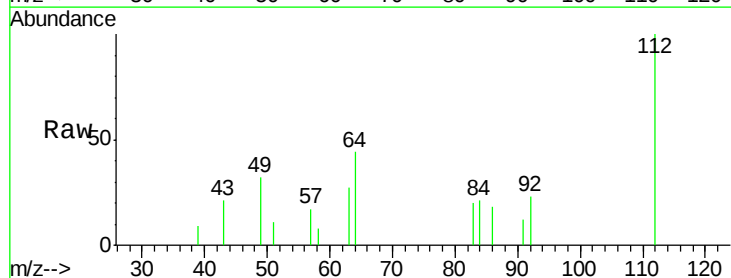
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



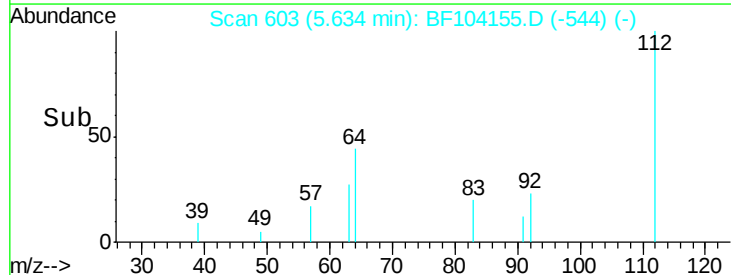
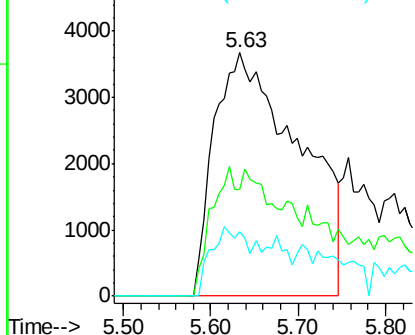
#5

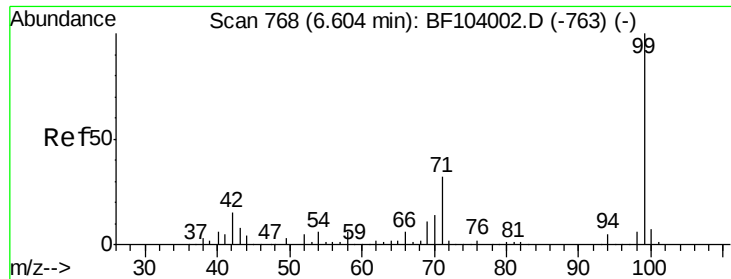
2-Fluorophenol
Concen: 4.744 ng
RT: 5.63 min Scan# 603
Delta R.T. 0.05 min
Lab File: BF104155.D
Acq: 3 Apr 2018 2:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	47.9	71.9#
63	26.6	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

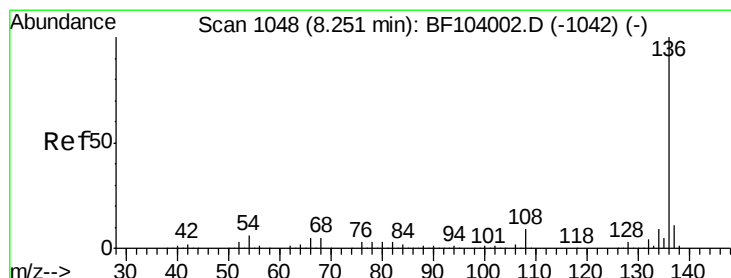
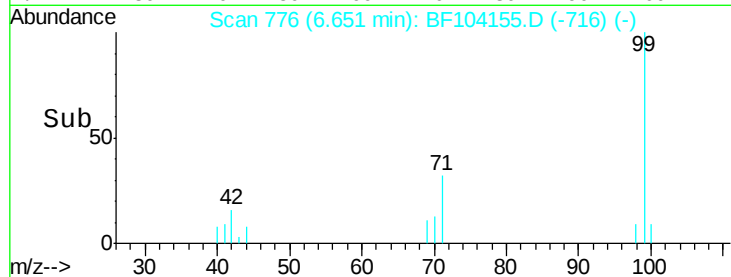
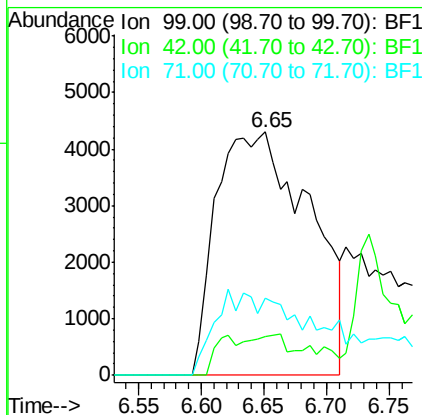
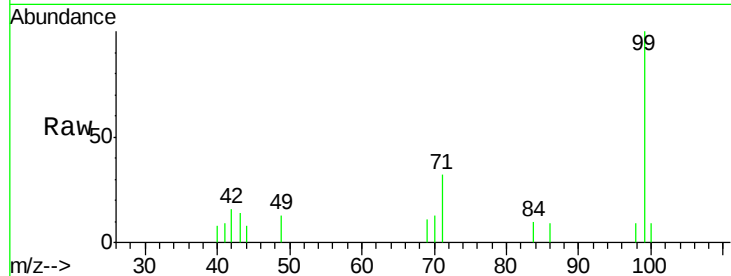
Concen: 3.466 ng/mL
 RT: 6.65 min Scan# 776
 Delta R.T. 0.05 min
 Lab File: BF104155.D
 Acq: 3 Apr 2018 2:39

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW24S-GWDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		22263		
42	16.0	14.5	21.7		
71	31.5	25.4	38.0		

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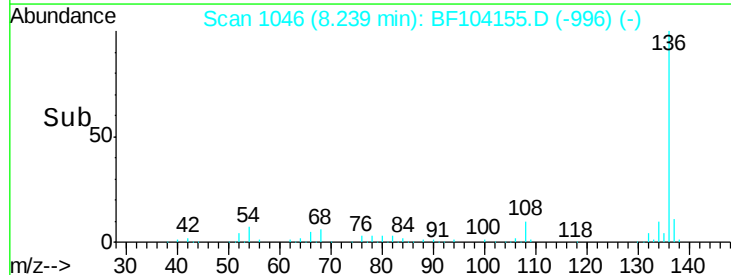
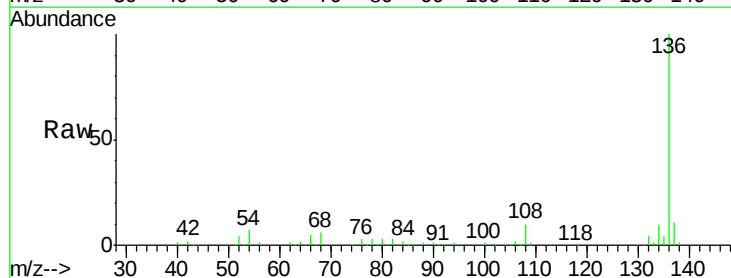
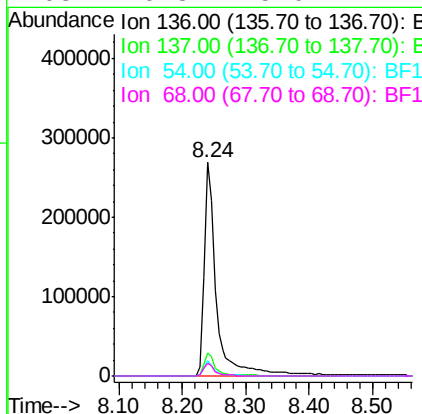


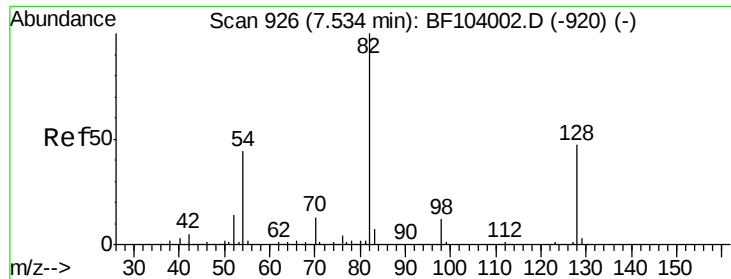
#21

Naphthalene-d8

Concen: 20.000 ng/mL
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF104155.D
 Acq: 3 Apr 2018 2:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		361399		
137	10.5	8.9	13.3		
54	7.0	6.6	9.8		
68	6.3	5.0	7.4		





#23

Nitrobenzene-d5

Concen: 15.593 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF104155.D

Acq: 3 Apr 2018 2:39

Instrument :

BNA_F

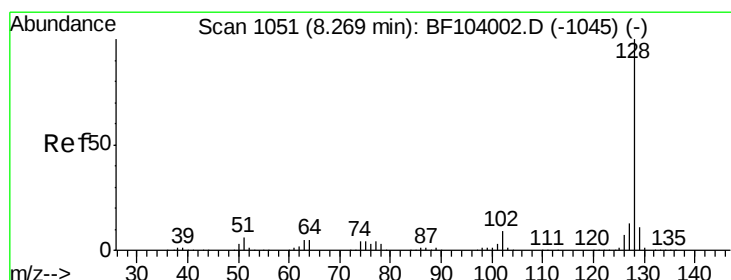
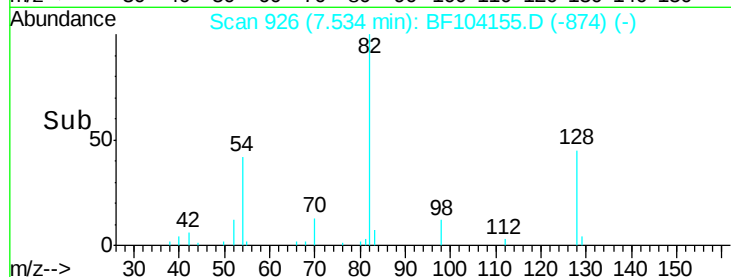
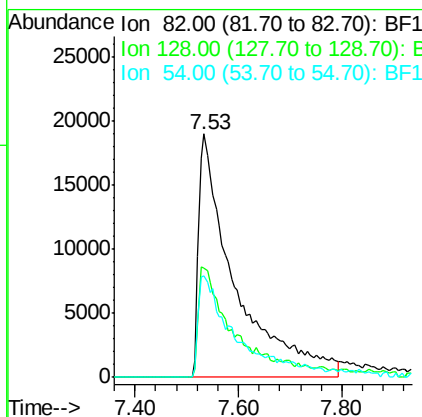
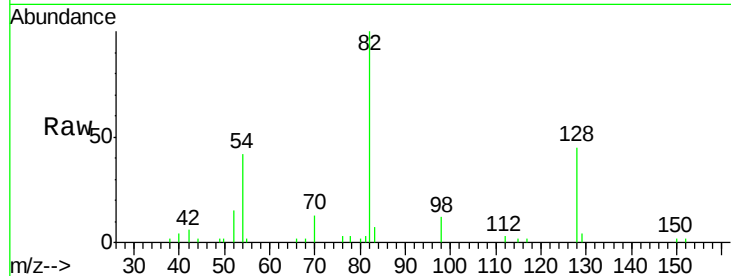
ClientSampleId :

QNWP8-MW24S-GWDL

Tot Ion:	82	Resp:	92147
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.1	54.1
54	41.7	41.4	62.2

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#31

Naphthalene

Concen: 35.936 ng

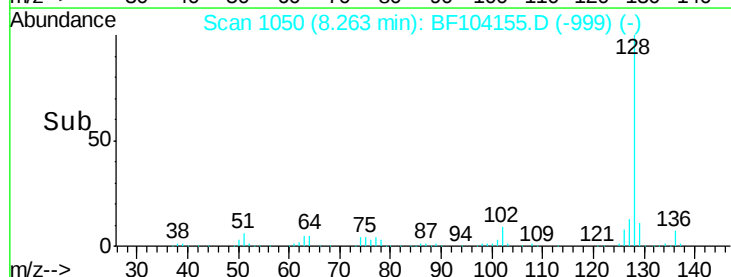
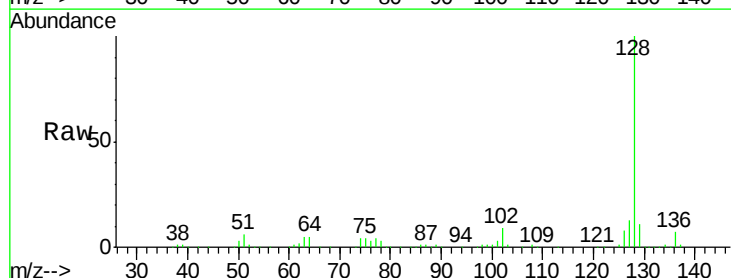
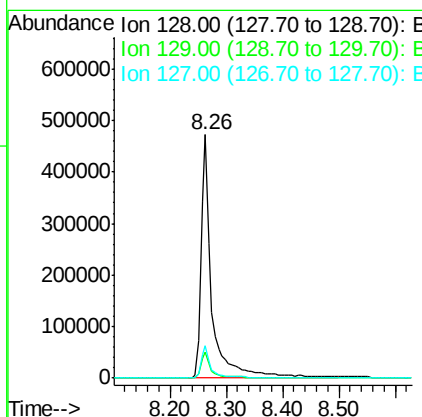
RT: 8.26 min Scan# 1050

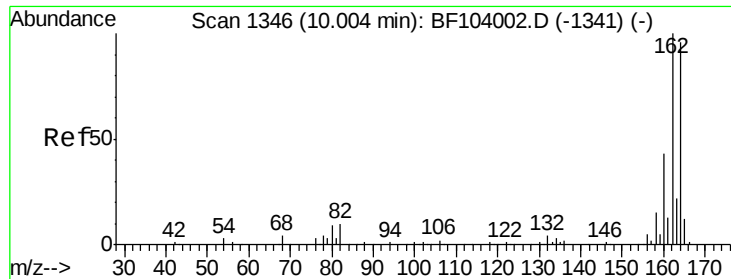
Delta R.T. -0.00 min

Lab File: BF104155.D

Acq: 3 Apr 2018 2:39

Tgt Ion:	128	Resp:	634479
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	13.5	10.9	16.3





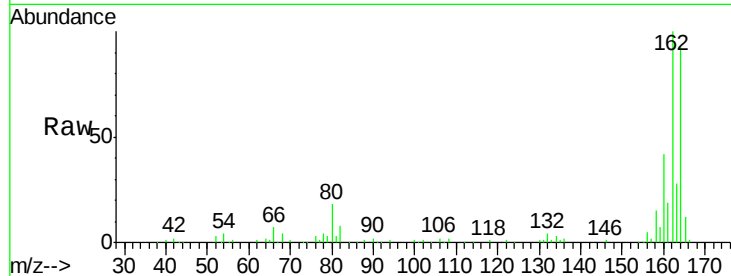
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104155.D
Acq: 3 Apr 2018 2:39

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GWDL

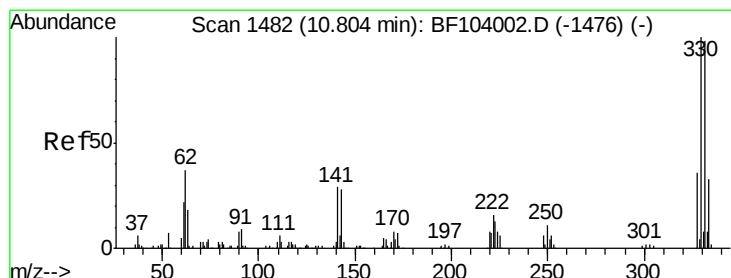
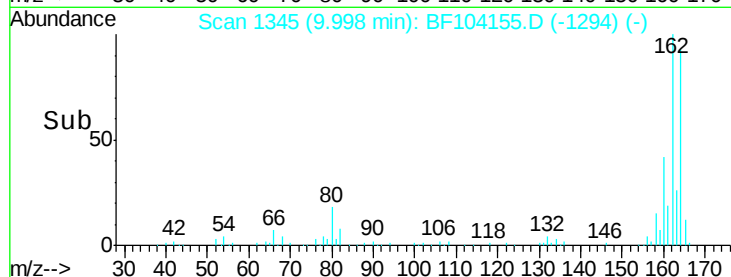
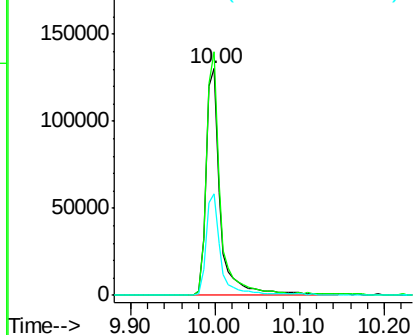
Tot Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.1	129.1
160	44.7	38.3	57.5

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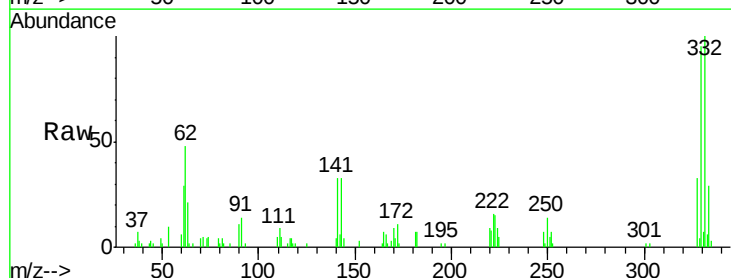


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

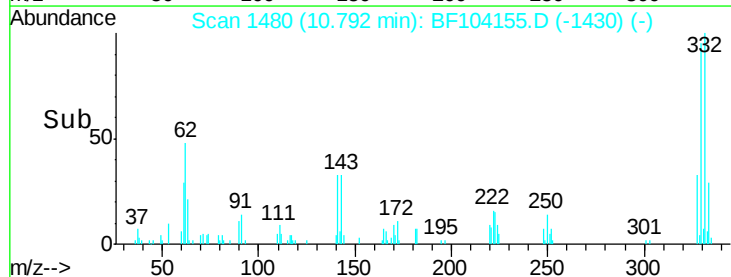
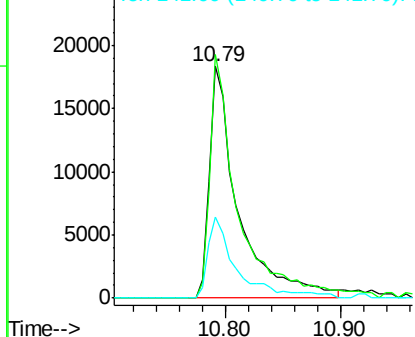


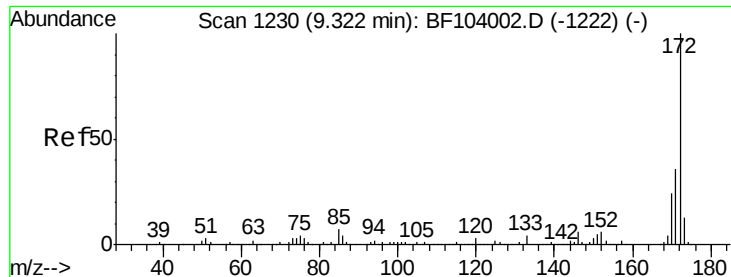
#41
2,4,6-Tribromophenol
Concen: 18.579 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF104155.D
Acq: 3 Apr 2018 2:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.0	115.6
141	32.5	29.9	44.9



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





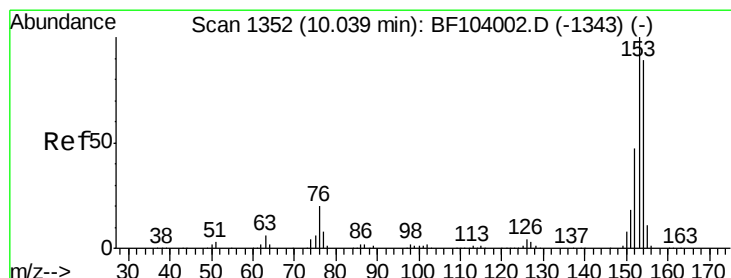
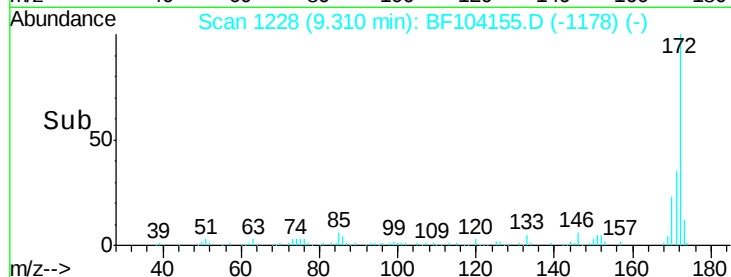
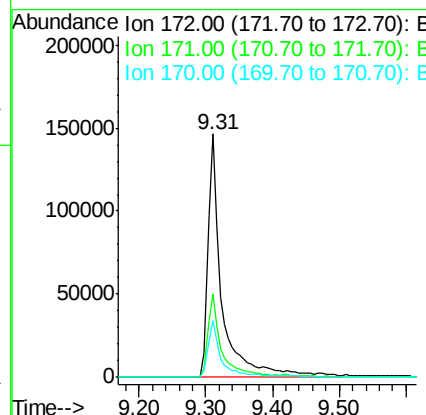
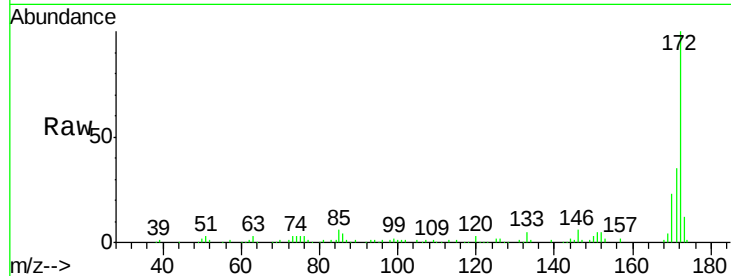
#44
2-Fluorobiphenyl
Concen: 21.686 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104155.D
Acq: 3 Apr 2018 2:39

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GWDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.2	19.6	29.4

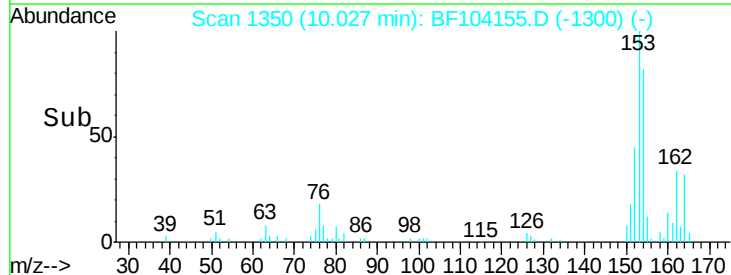
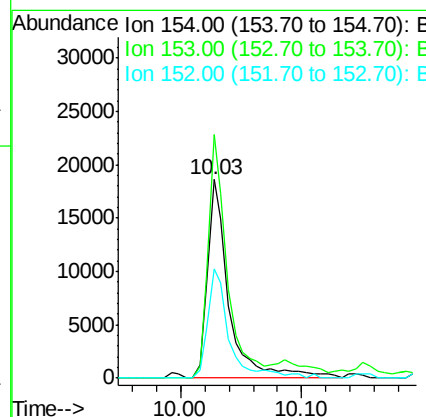
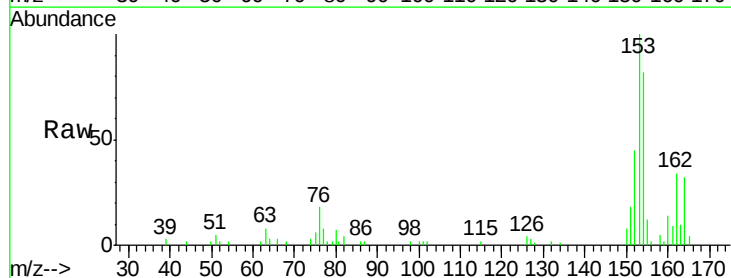
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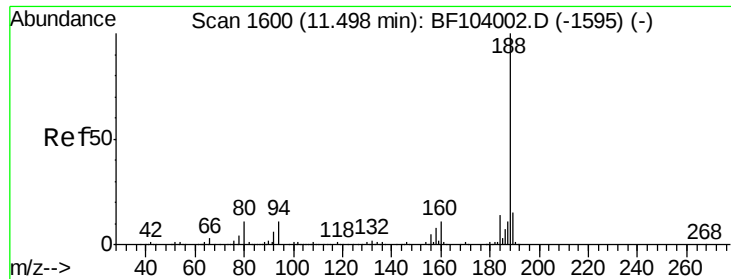
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#51
Acenaphthene
Concen: 2.502 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF104155.D
Acq: 3 Apr 2018 2:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	122.6	91.2	136.8
152	55.2	43.8	65.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF104155.D

Acq: 3 Apr 2018 2:39

Instrument :

BNA_F

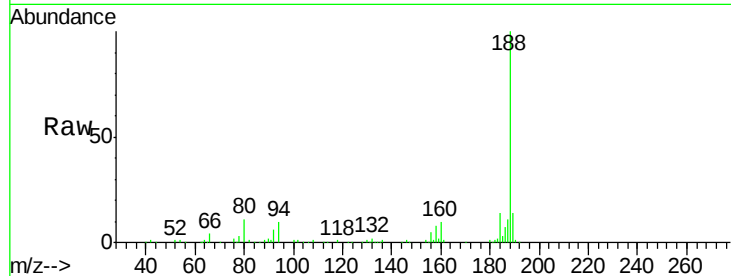
ClientSampleId :

QNWP8-MW24S-GWDL

Tot Ion:	188	Resp:	229672
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.5	12.7
80	10.6	9.2	13.8

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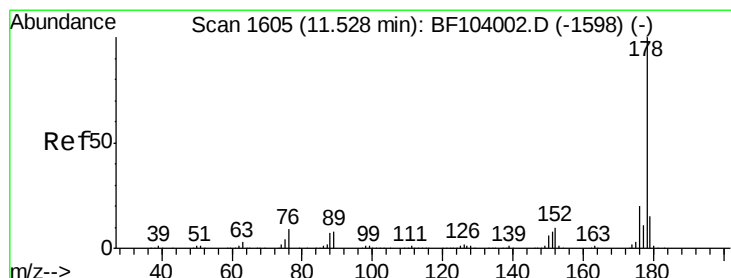
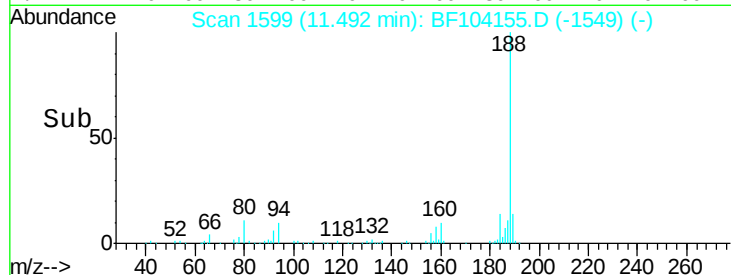
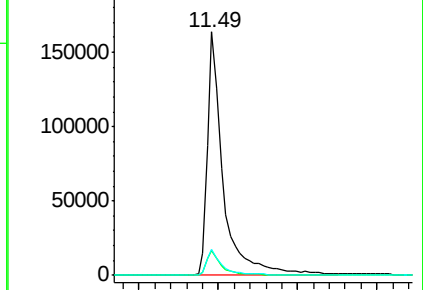
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70

Phenanthrene

Concen: 3.133 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF104155.D

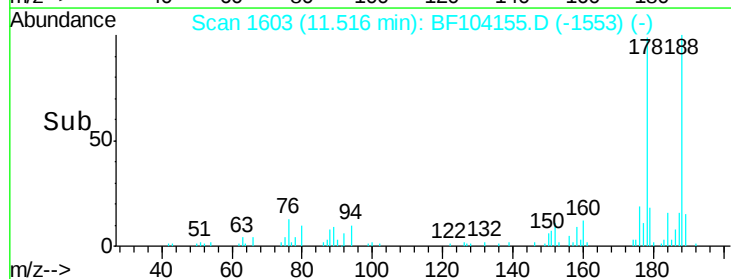
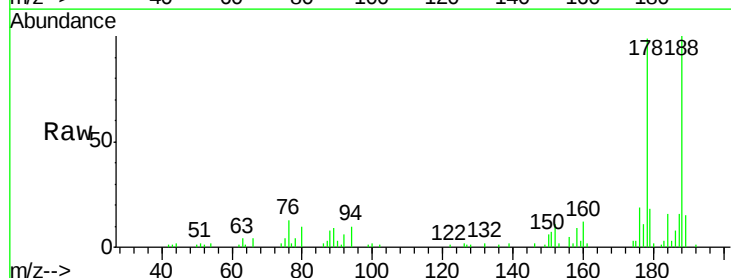
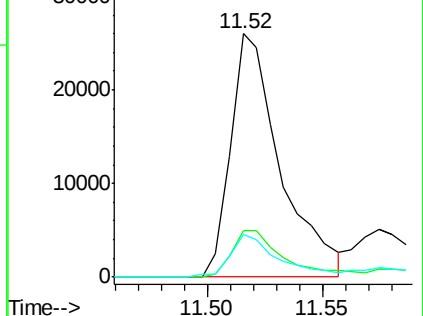
Acq: 3 Apr 2018 2:39

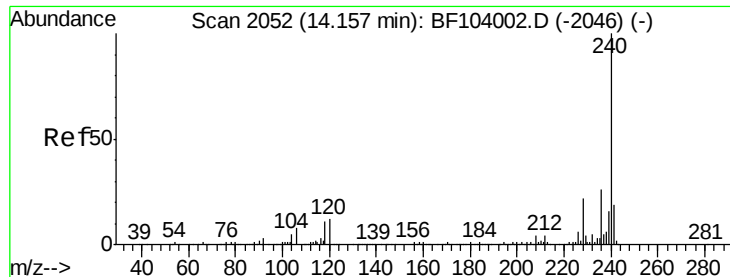
Tgt Ion:	178	Resp:	38963
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	17.7	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF104155.D

Acq: 3 Apr 2018 2:39

Instrument :

BNA_F

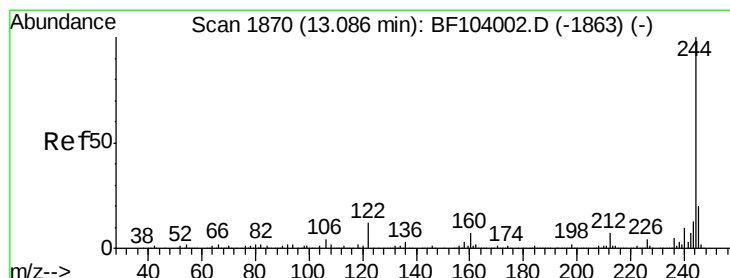
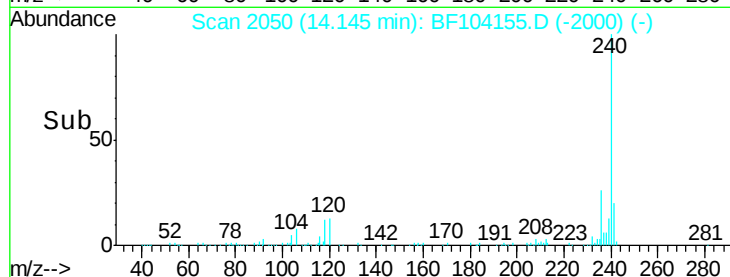
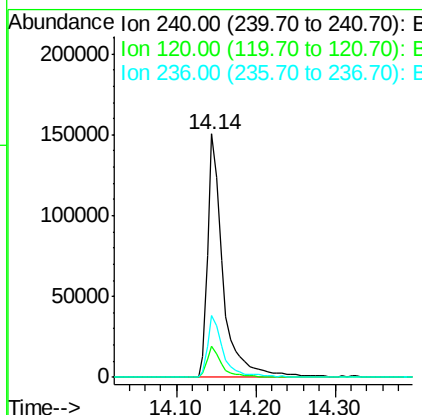
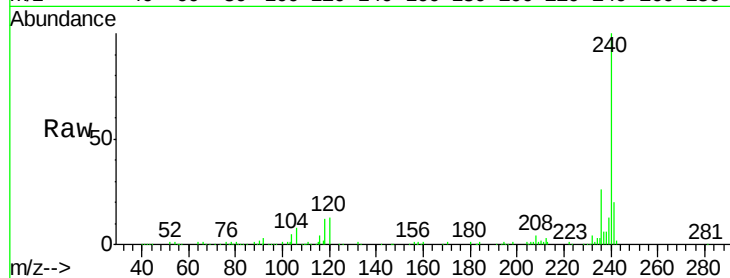
ClientSampleId :

QNWP8-MW24S-GWDL

Tot Ion:	240	Resp:	205564
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 15.511 ng

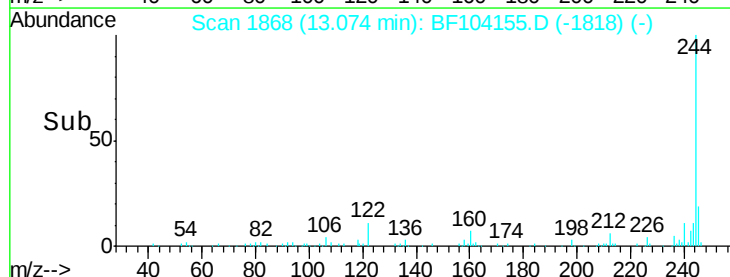
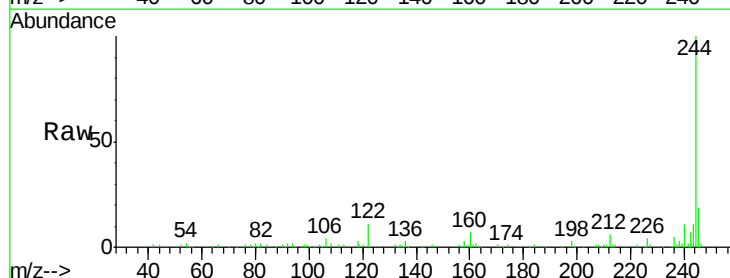
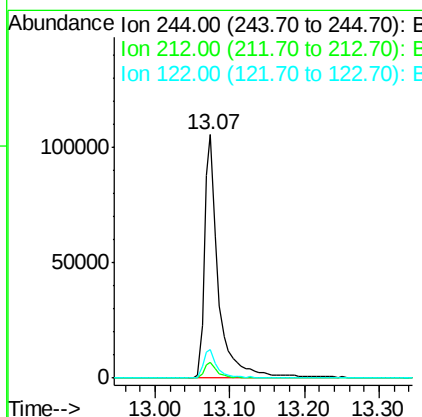
RT: 13.07 min Scan# 1868

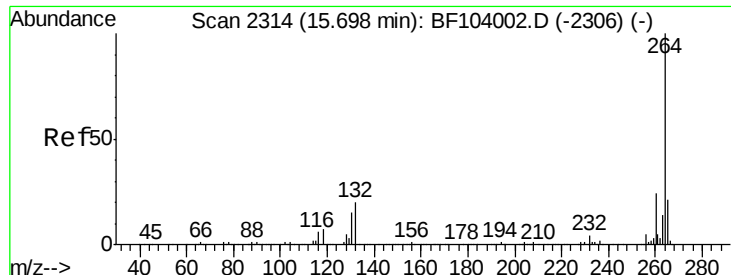
Delta R.T. -0.01 min

Lab File: BF104155.D

Acq: 3 Apr 2018 2:39

Tgt Ion:	244	Resp:	138096
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.5	11.0	16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF104155.D
Acq: 3 Apr 2018 2:39

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24S-GWDL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/3/2018 2:27:49 PM

