

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104173.D
 Acq On : 3 Apr 2018 10:32
 Operator : JU/SJ
 Sample : J2173-05DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW24D-GWDL

Manual Integrations
 APPROVED

Sohil
 4/3/2018 2:28:48 PM

Quant Time: Apr 03 12:50:09 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	76990	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	322668	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	129736	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	206912	20.00	ng	0.00
75) Chrysene-d12	14.15	240	192873	20.00	ng	0.00
86) Perylene-d12	15.69	264	127738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	48592m	10.07	ng	0.02
7) Phenol-d6	6.62	99	36983m	6.23	ng	0.02
23) Nitrobenzene-d5	7.53	82	78806	14.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	32615	22.58	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	202143	24.57	ng	0.00
78) Terphenyl-d14	13.07	244	157337	18.84	ng	0.00
Target Compounds						
31) Naphthalene	8.26	128	1138697	72.237	ng	99
51) Acenaphthene	10.03	154	28008	3.639	ng	95
54) Dibenzofuran	10.21	168	28578	2.542	ng	98
57) Fluorene	10.55	166	24098	2.599	ng	96
70) Phenanthrene	11.52	178	43265	3.862	ng	98

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

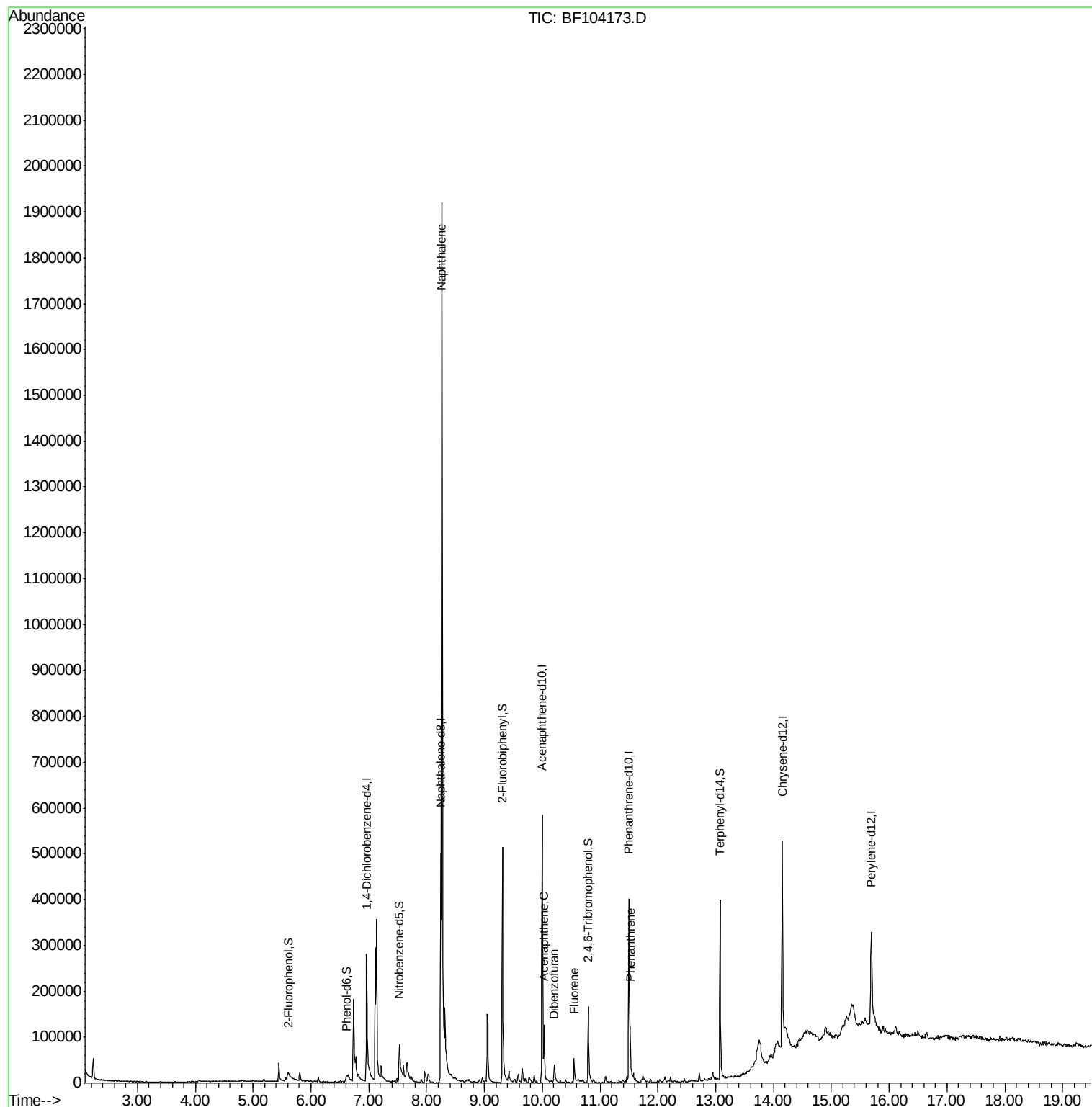
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104173.D
Acq On : 3 Apr 2018 10:32
Operator : JU/SJ
Sample : J2173-05DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

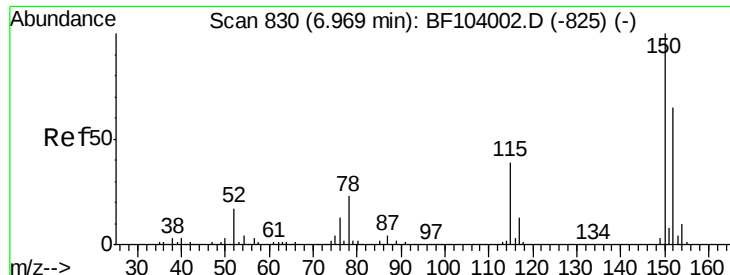
Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GWDL

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:48 PM

Quant Time: Apr 03 12:50:09 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





#1

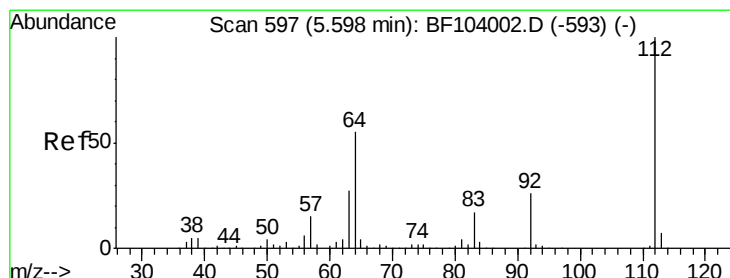
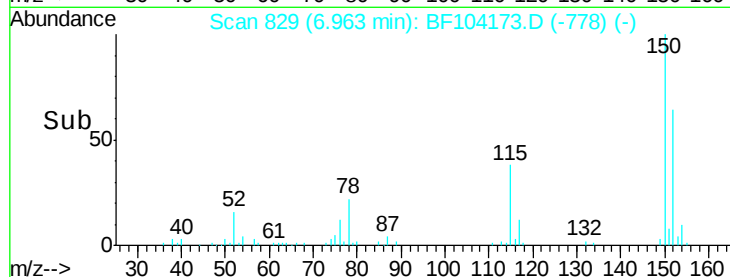
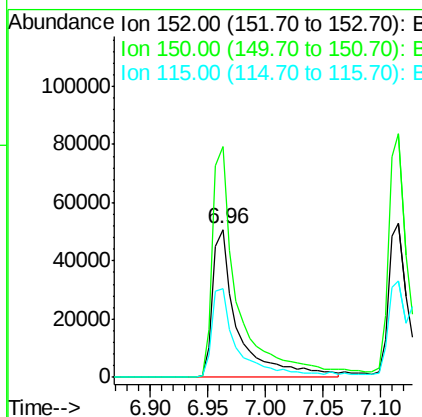
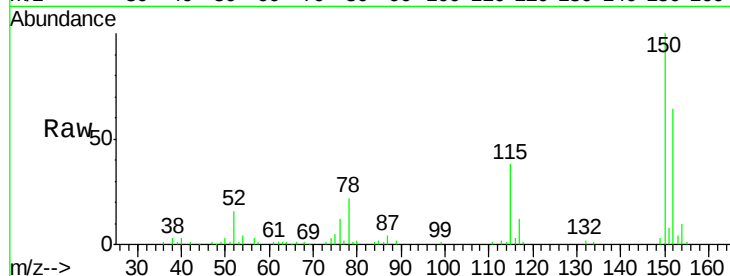
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GWDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
APPROVED

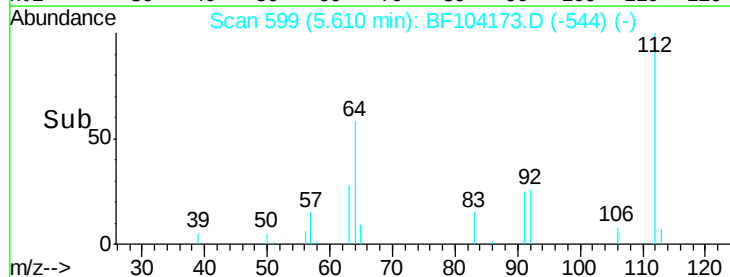
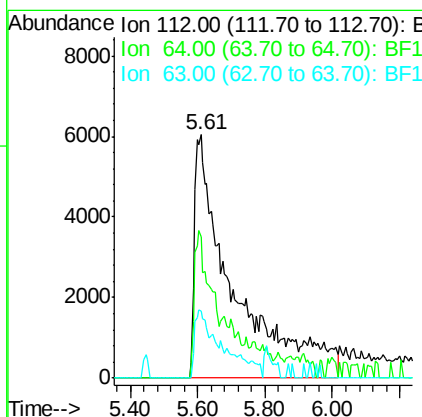
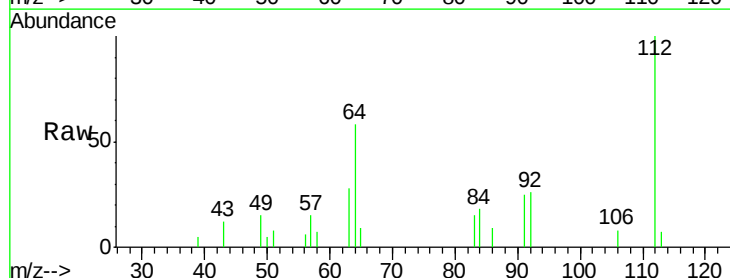
Sohil
4/3/2018 2:28:48 PM

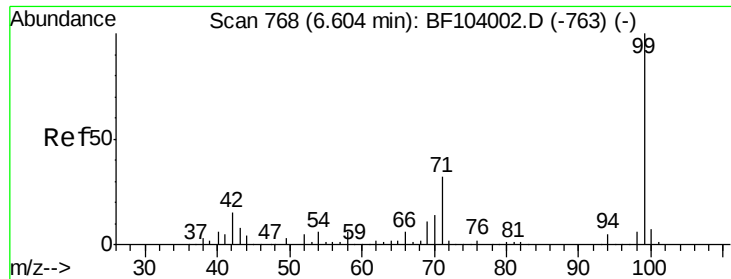


#5

2-Fluorophenol
Concen: 10.065 ng m
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	27.6	23.7	35.5





#7

Phenol-d6

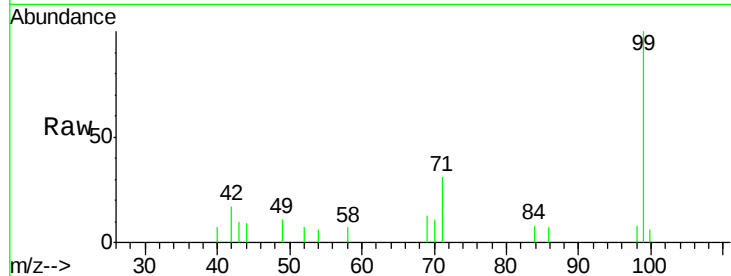
Concen: 6.227 ng/ml
 RT: 6.62 min Scan# 770
 Delta R.T. 0.02 min
 Lab File: BF104173.D
 Acq: 3 Apr 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW24D-GWDL

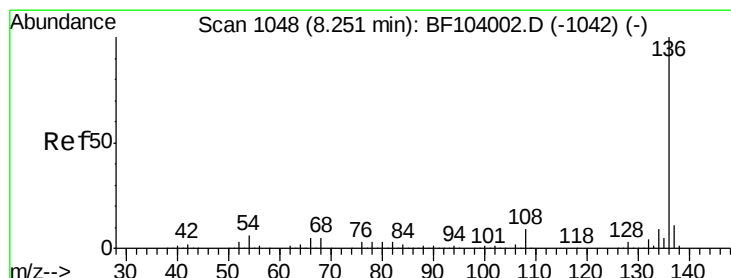
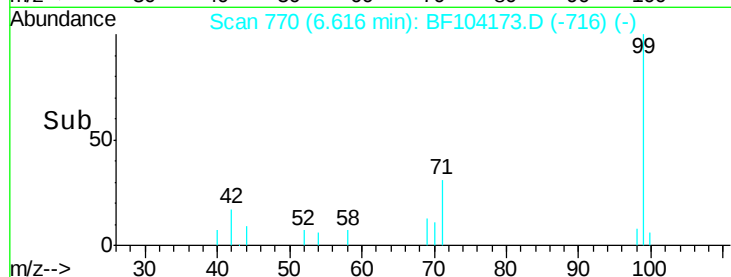
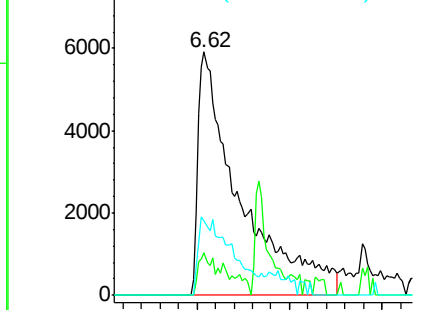
Tot Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	30.8	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 4/3/2018 2:28:48 PM



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



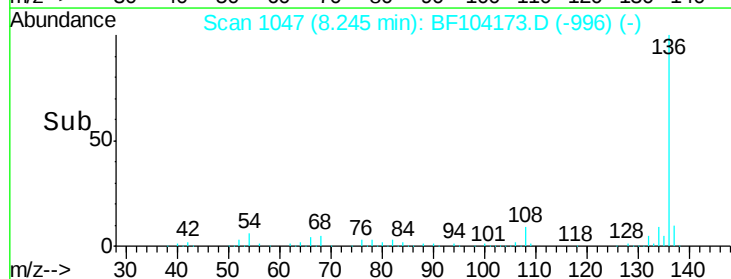
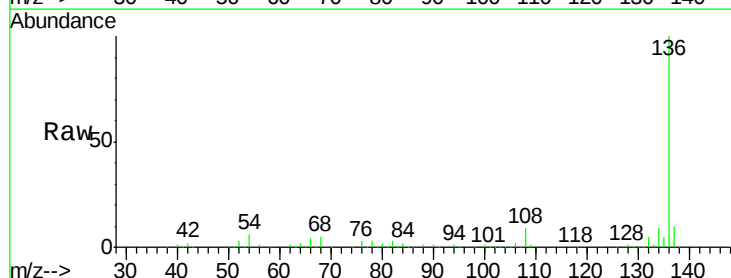
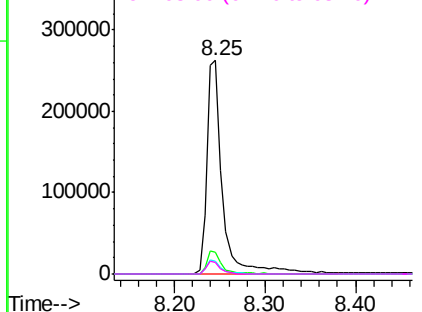
#21

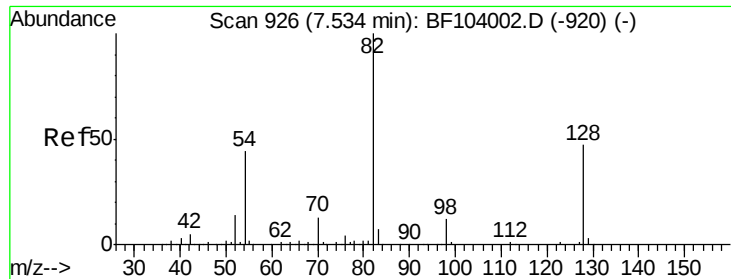
Naphthalene-d8

Concen: 20.000 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF104173.D
 Acq: 3 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.8	6.6	9.8
68	5.2	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





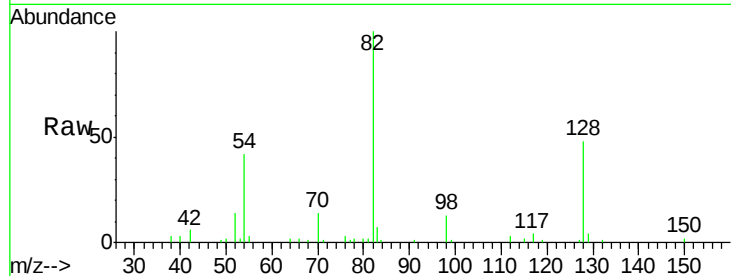
#23
 Nitrobenzene-d5
 Concen: 14.936 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF104173.D
 Acq: 3 Apr 2018 10:32

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW24D-GWDL

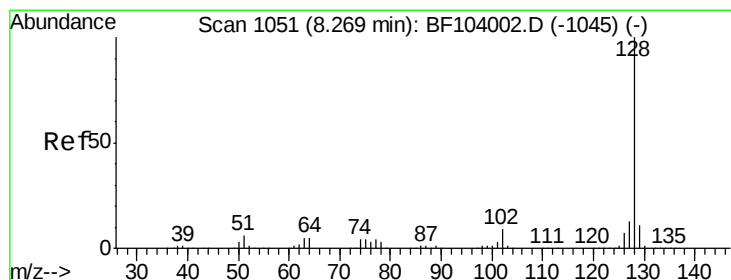
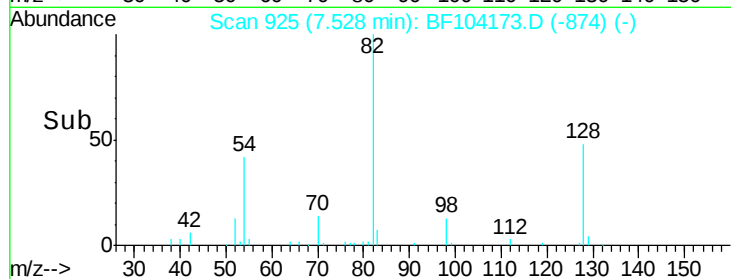
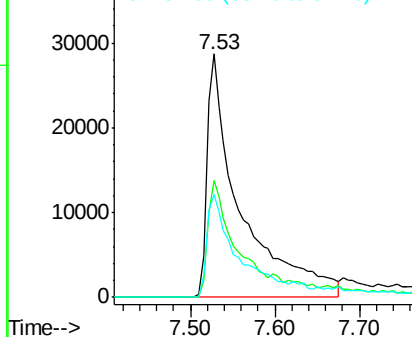
Tot Ion	82	Resp	78806
Ion Ratio	100	Lower	Upper
128	48.1	36.1	54.1
54	42.4	41.4	62.2

Manual Integrations
 APPROVED

Sohil
 4/3/2018 2:28:48 PM

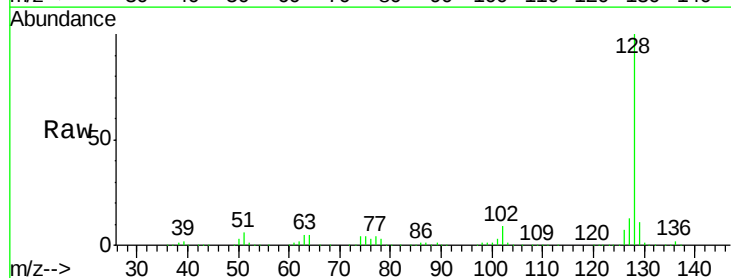


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

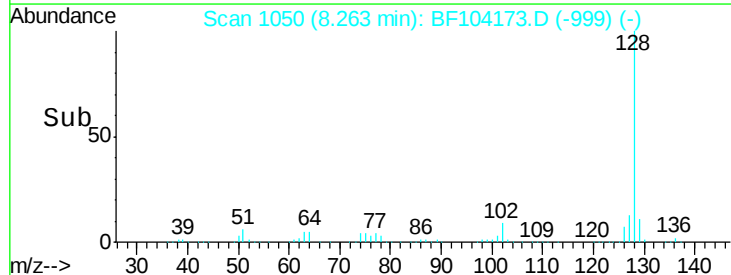
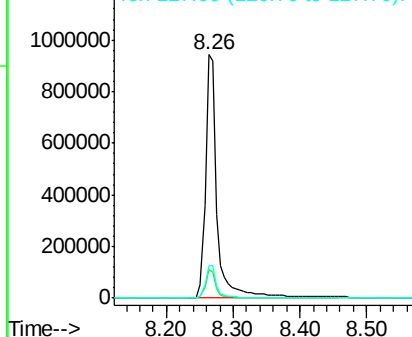


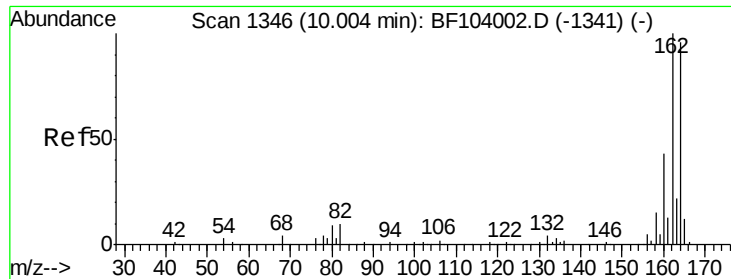
#31
 Naphthalene
 Concen: 72.237 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF104173.D
 Acq: 3 Apr 2018 10:32

Tgt Ion	128	Resp	1138697
Ion Ratio	100	Lower	Upper
129	11.5	8.8	13.2
127	13.5	10.9	16.3



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





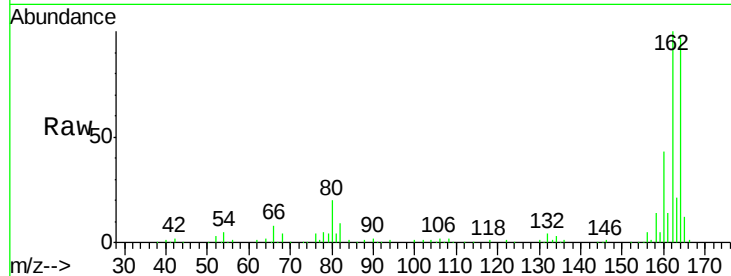
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GWDL

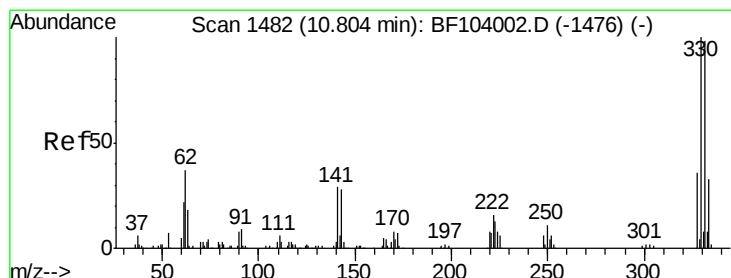
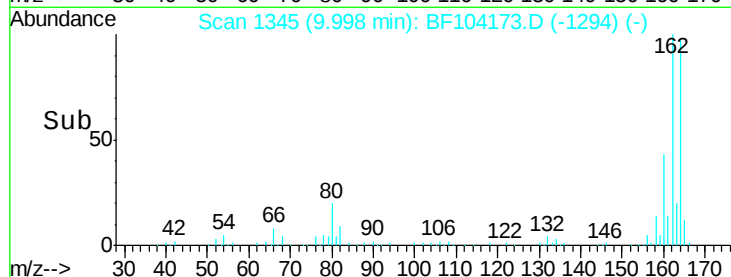
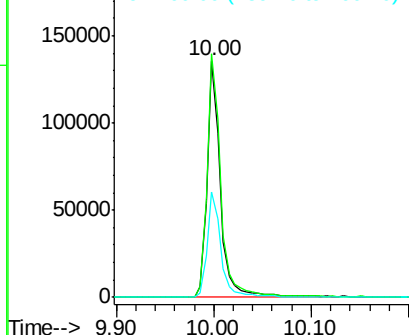
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.5	38.3	57.5

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:48 PM

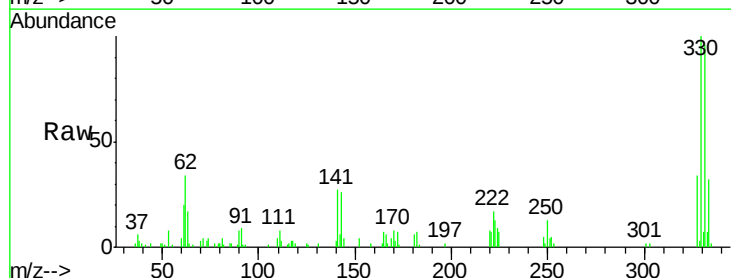


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

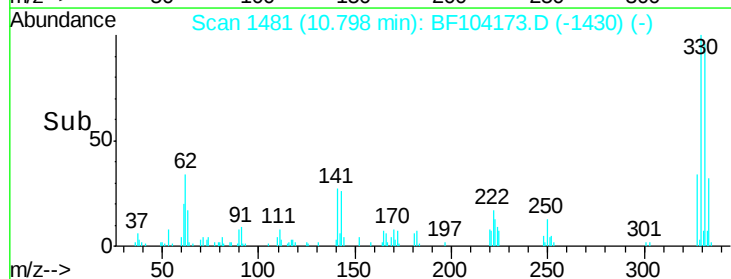
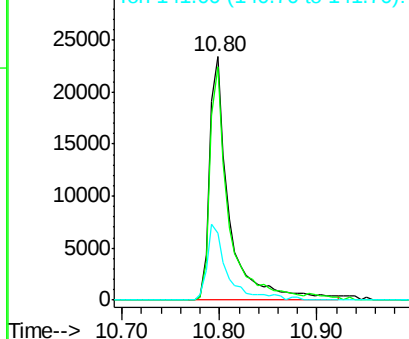


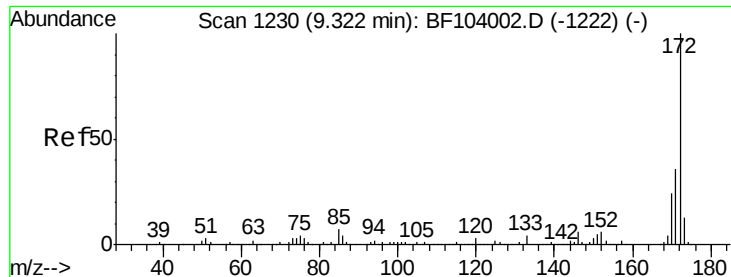
#41
2,4,6-Tribromophenol
Concen: 22.577 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.0	115.6
141	31.3	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





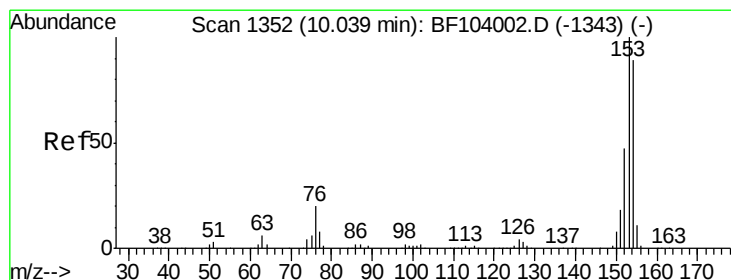
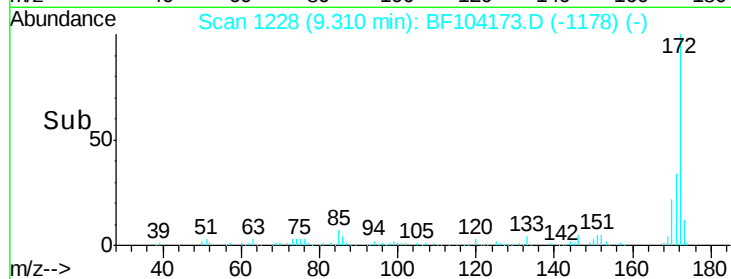
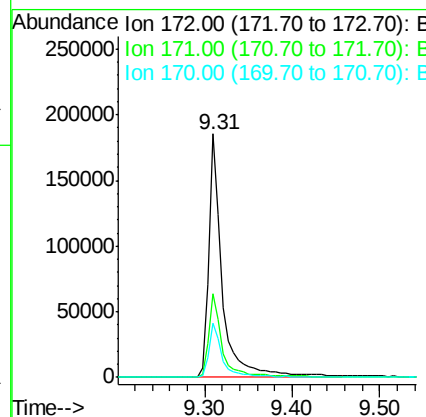
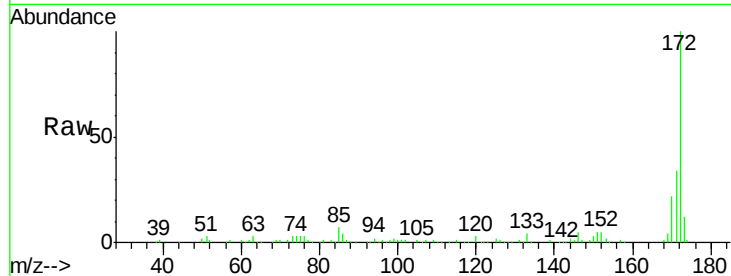
#44
2-Fluorobiphenyl
Concen: 24.570 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GWDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	22.3	19.6	29.4

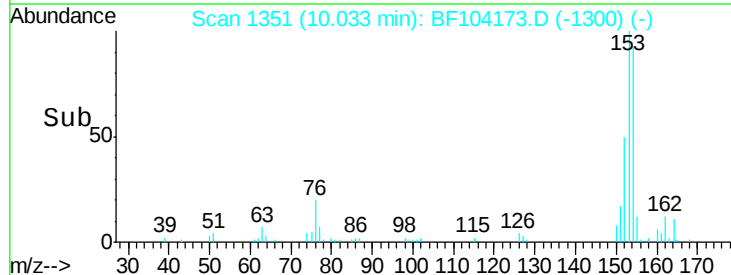
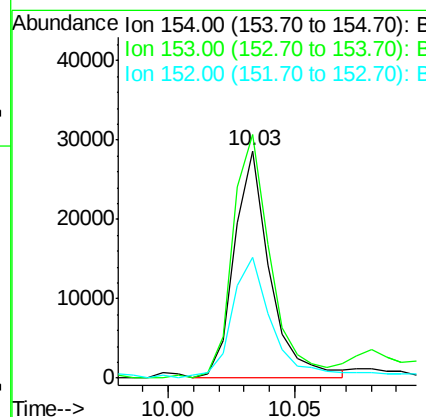
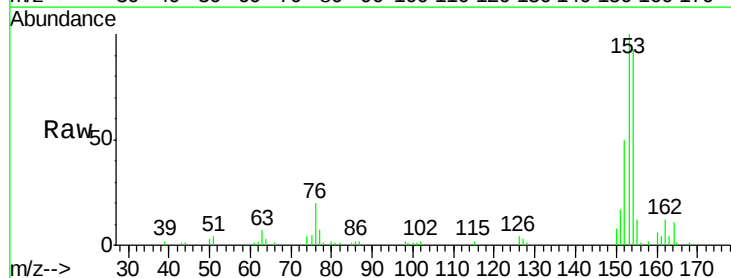
Manual Integrations
APPROVED

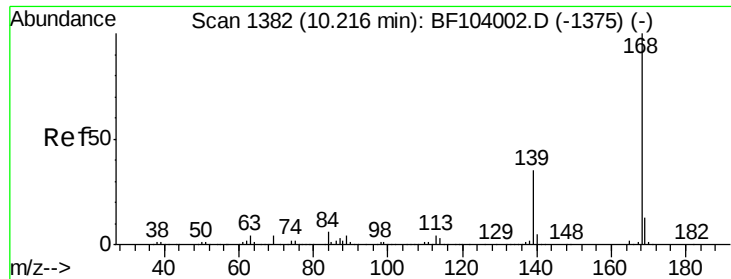
Sohil
4/3/2018 2:28:48 PM



#51
Acenaphthene
Concen: 3.639 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.1	91.2	136.8
152	53.1	43.8	65.8





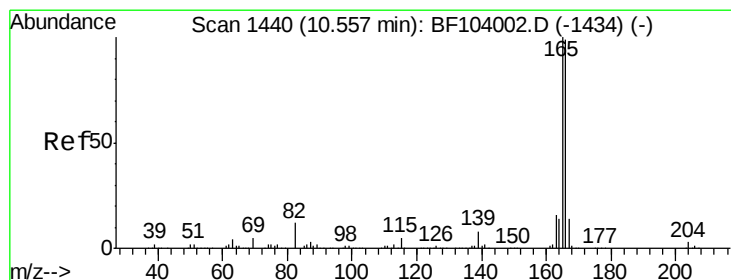
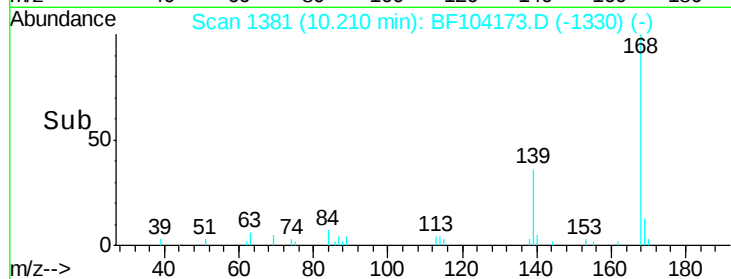
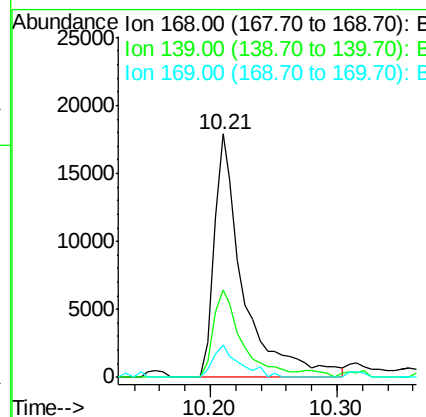
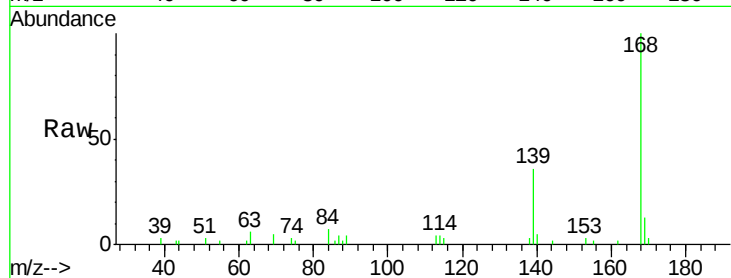
#54
Dibenzenofuran
Concen: 2.542 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GWDL

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.1	45.1
169	13.1	10.9	16.3

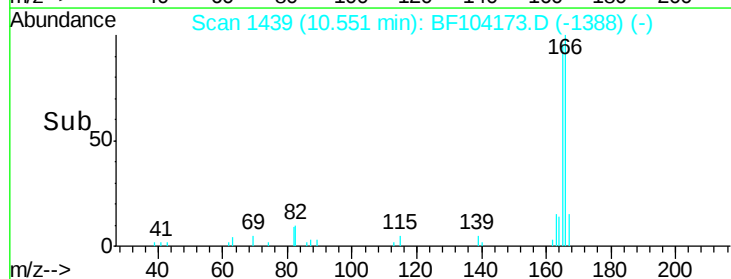
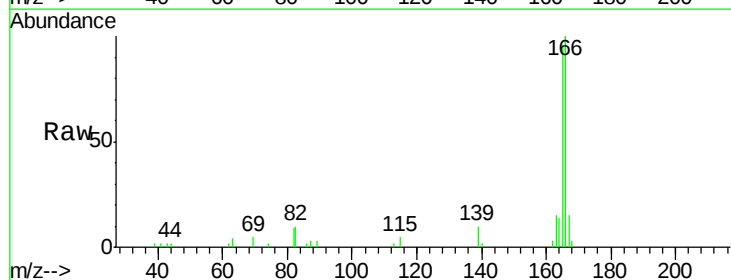
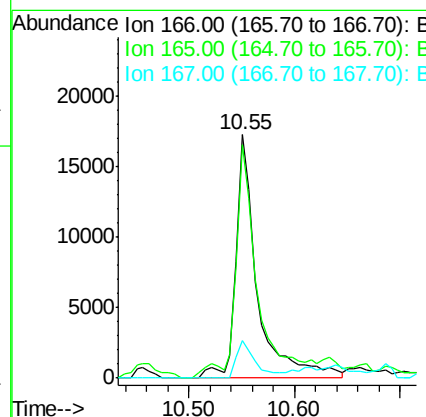
Manual Integrations
APPROVED

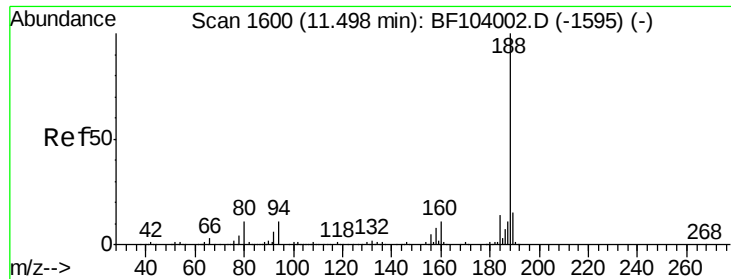
Sohil
4/3/2018 2:28:48 PM



#57
Fluorene
Concen: 2.599 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	79.8	119.8
167	15.4	10.6	16.0





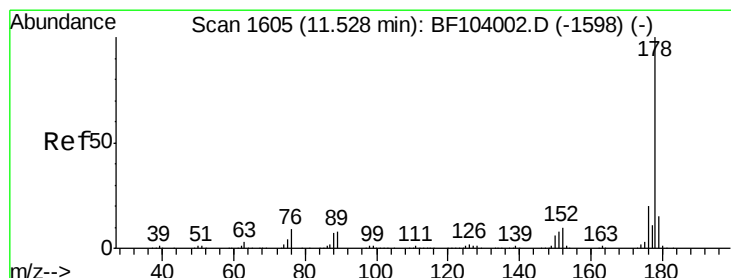
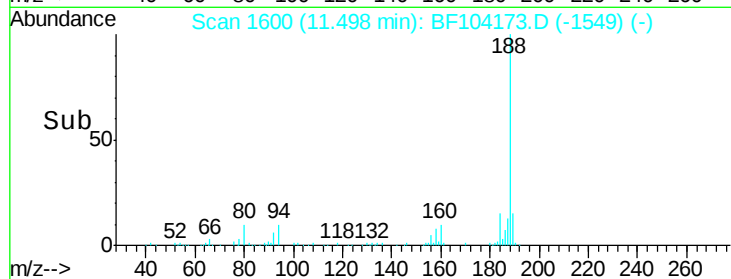
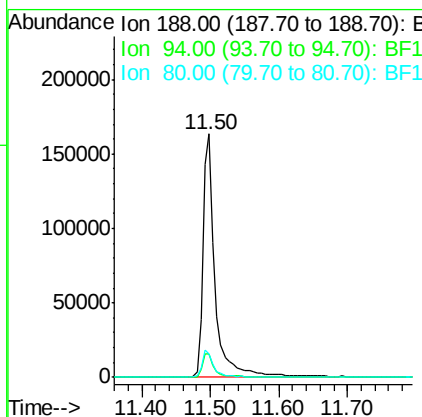
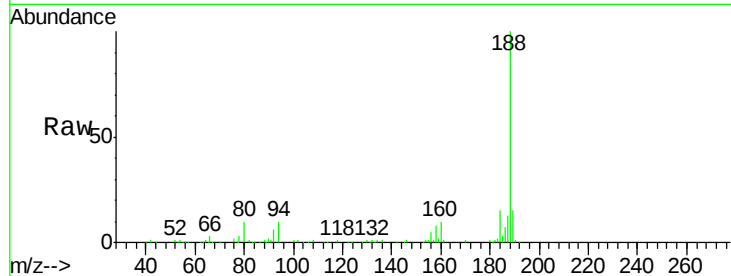
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GWDL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	206912		
94	9.6		8.5	12.7
80	9.9		9.2	13.8

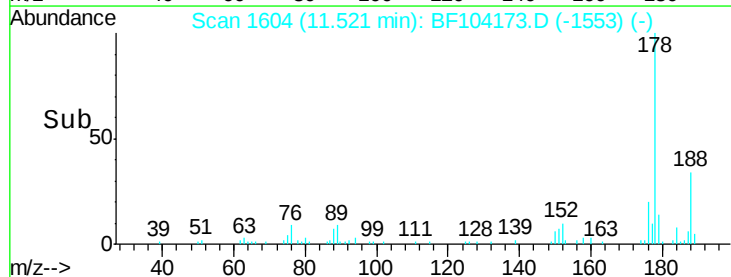
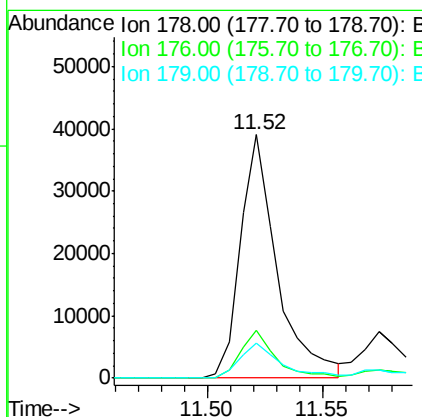
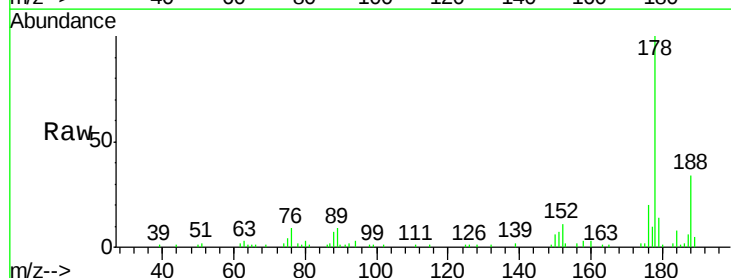
Manual Integrations
APPROVED

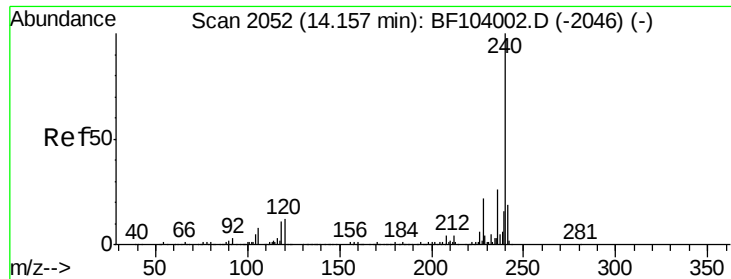
Sohil
4/3/2018 2:28:48 PM



#70
Phenanthrene
Concen: 3.862 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	43265		
176	19.7		15.8	23.8
179	14.4		13.0	19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104173.D

Acq: 3 Apr 2018 10:32

Instrument :

BNA_F

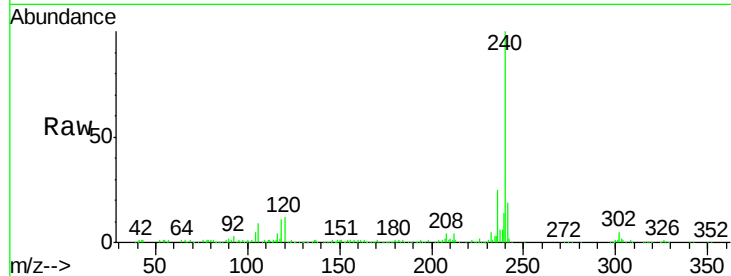
ClientSampleId :

QNWP8-MW24D-GWDL

Tot Ion:	240	Resp:	192873
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
APPROVED

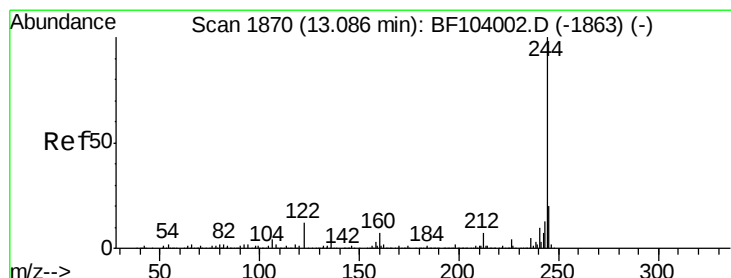
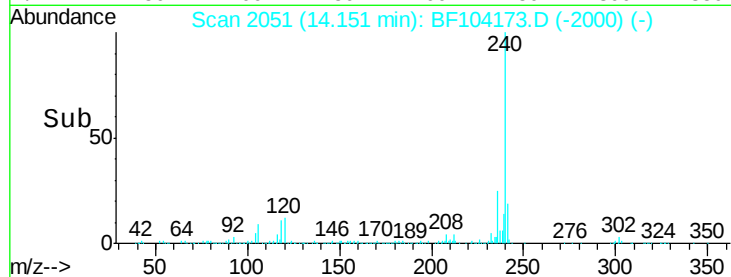
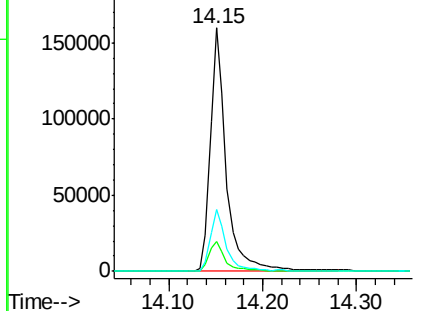
Sohil
4/3/2018 2:28:48 PM



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



#78

Terphenyl-d14

Concen: 18.835 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BF104173.D

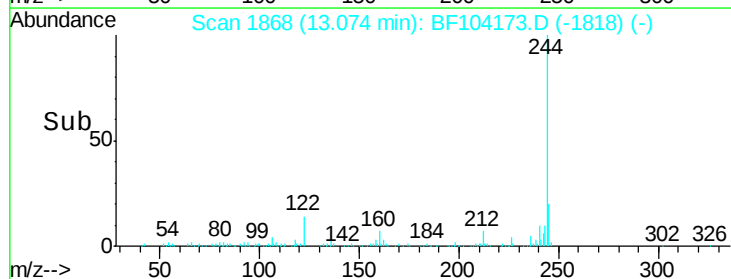
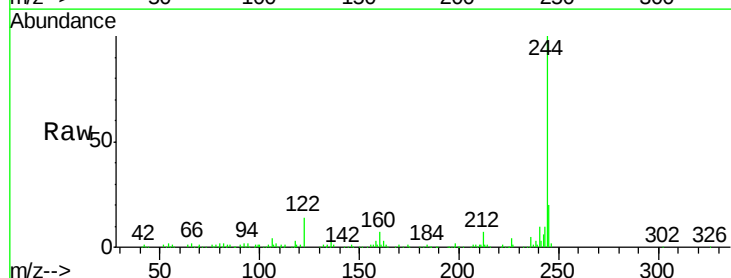
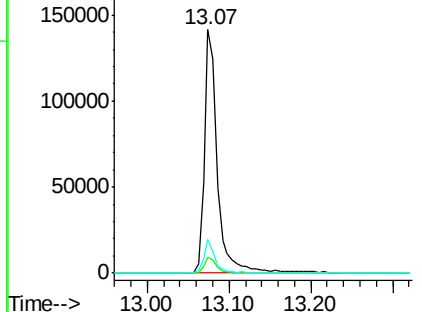
Acq: 3 Apr 2018 10:32

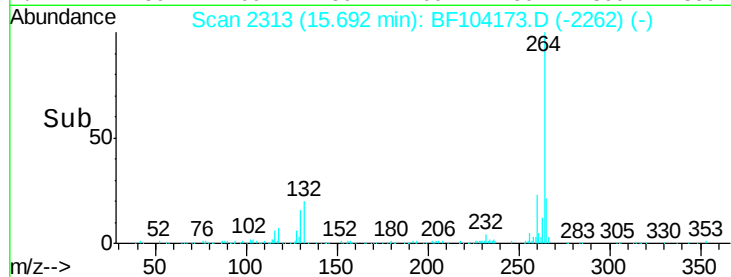
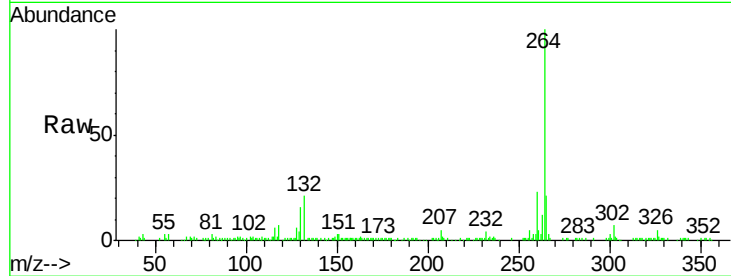
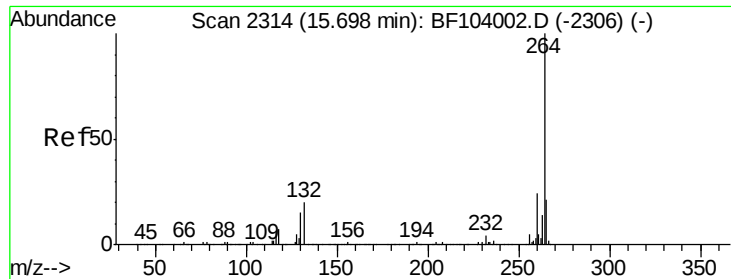
Tgt Ion:	244	Resp:	157337
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4

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: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF104173.D
Acq: 3 Apr 2018 10:32

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW24D-GWDL

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.2	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/3/2018 2:28:48 PM

