

Data File : BF107124.D
Acq On : 5 Jul 2018 14:02
Operator : JU/SJ
Sample : J3853-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3

Manual Integrations
APPROVED
Sohil
7/6/2018 4:01:25 PM

Quant Time: Jul 13 05:45:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	47207	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	170531	20.00	ng	-0.02
38) Acenaphthene-d10	10.02	164	61312m	20.00	ng	0.02
63) Phenanthrene-d10	11.57	188	40555m	20.00	ng	0.06
75) Chrysene-d12	14.27	240	17021m	20.00	ng	0.10
86) Perylene-d12	15.82	264	25086m	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	30172	10.82	ng	-0.02
7) Phenol-d6	6.60	99	39421	11.32	ng	-0.02
23) Nitrobenzene-d5	7.51	82	27803	9.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.85	330	4697m	6.61	ng	0.05
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.16	244	9102m	12.95	ng	0.08
Target Compounds						
31) Naphthalene	8.25	128	80120	10.049	ng	Qvalue 98
37) 2-Methylnaphthalene	8.95	142	129829	24.567	ng	# 92
45) 1,1'-Biphenyl	9.44	154	50809	10.398	ng	92

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

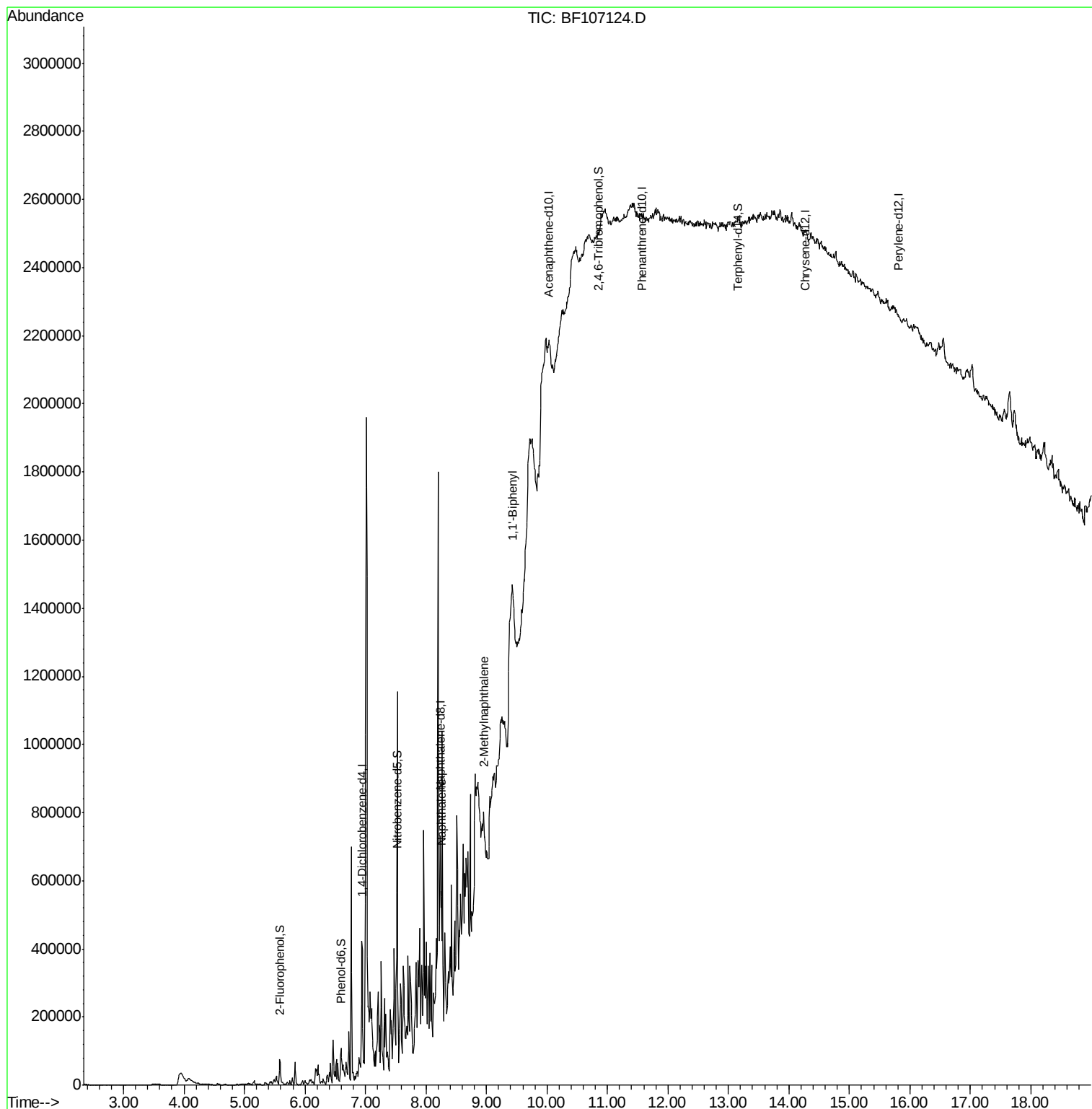
Data File : BF107124.D
Acq On : 5 Jul 2018 14:02
Operator : JU/SJ
Sample : J3853-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

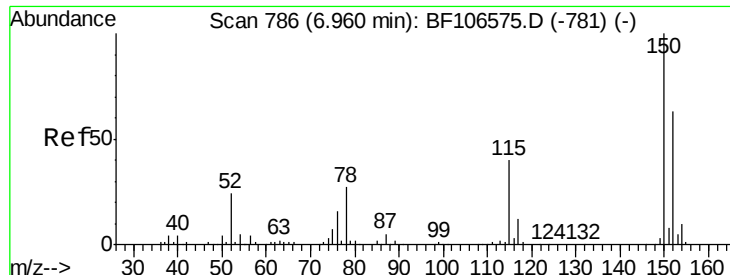
Instrument :
BNA_F
ClientSampleId :
SB-3

Manual Integrations
APPROVED

Sohil
7/6/2018 4:01:25 PM

Quant Time: Jul 13 05:45:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration





#1

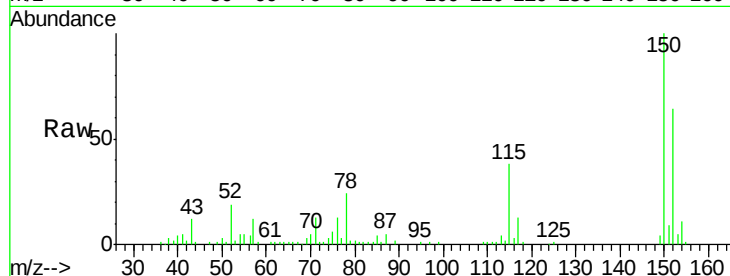
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107124.D
Acq: 5 Jul 2018 14:02

Instrument :
BNA_F
ClientSampled :
SB-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.4	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/6/2018 4:01:25 PM

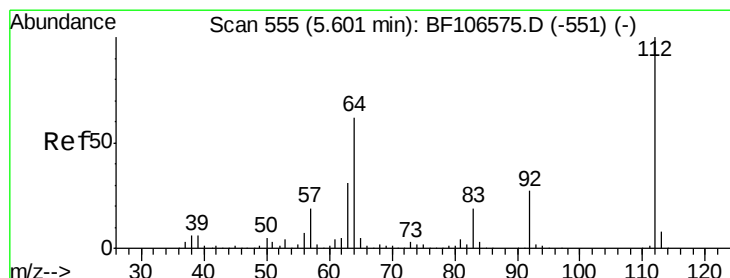
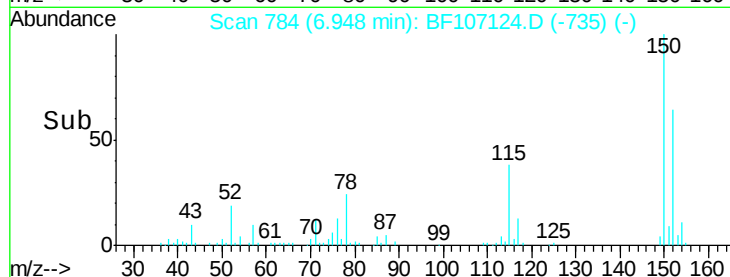
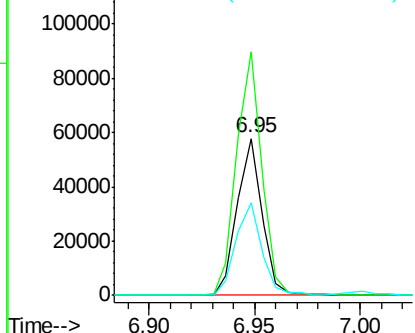


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

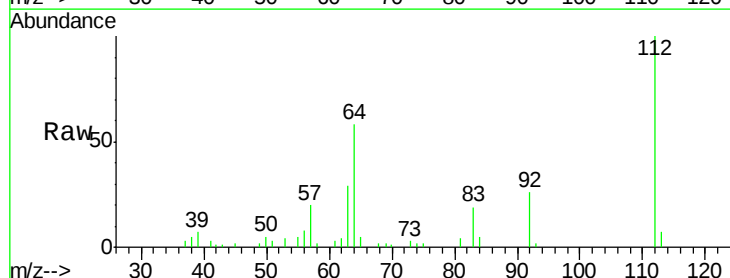
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 10.823 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107124.D
Acq: 5 Jul 2018 14:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	28.6	23.7	35.5

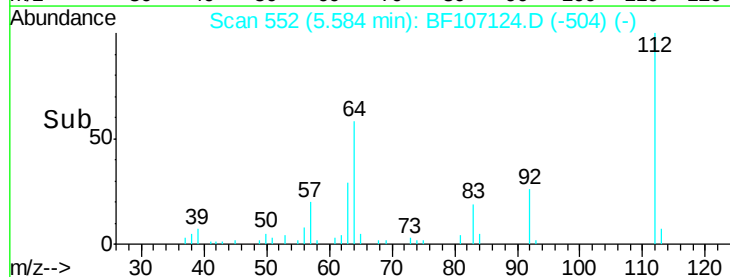
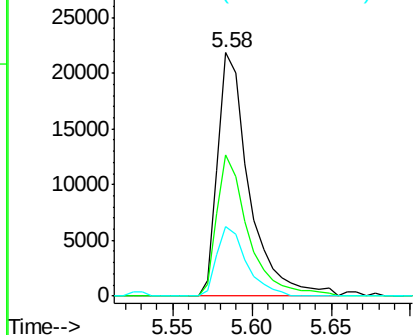


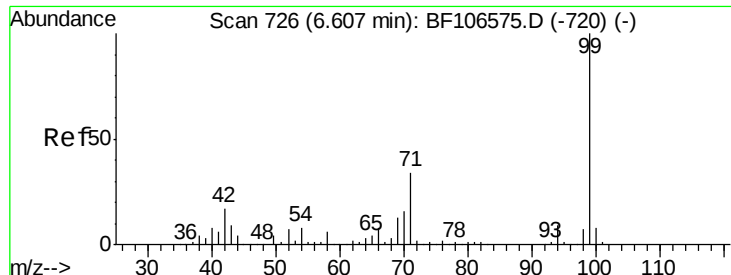
Abundance

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: 11.323 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107124.D

Acq: 5 Jul 2018 14:02

Instrument :

BNA_F

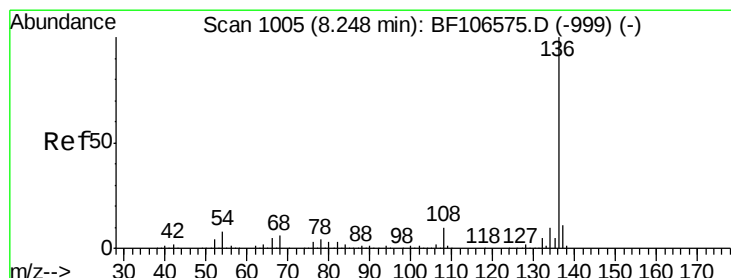
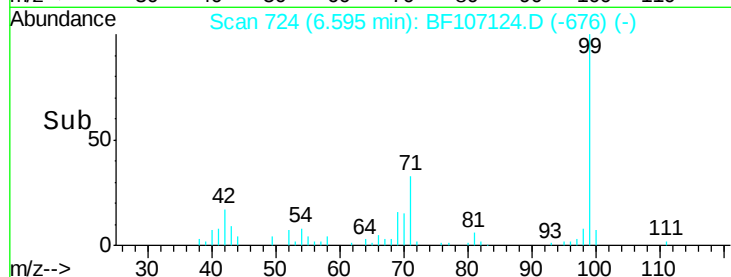
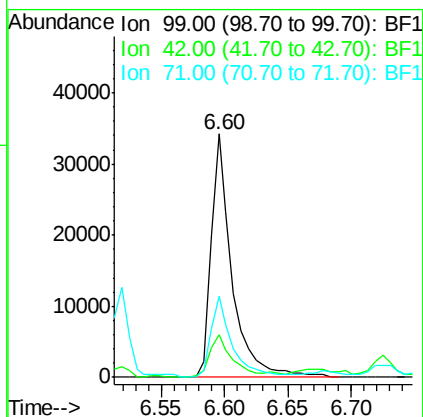
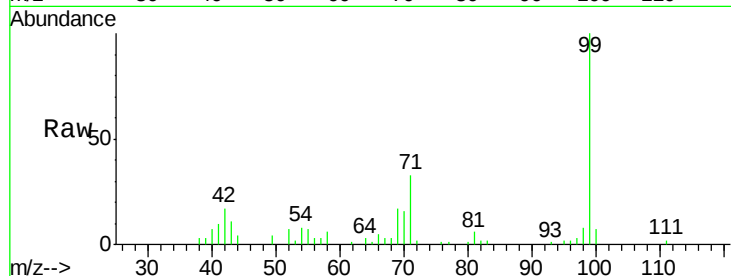
ClientSampleId :

SB-3

Tgt Ion:	99	Resp:	39421
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.5	21.7
71	33.2	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/6/2018 4:01:25 PM



#21

Naphthalene-d8

Concen: 20.000 ng

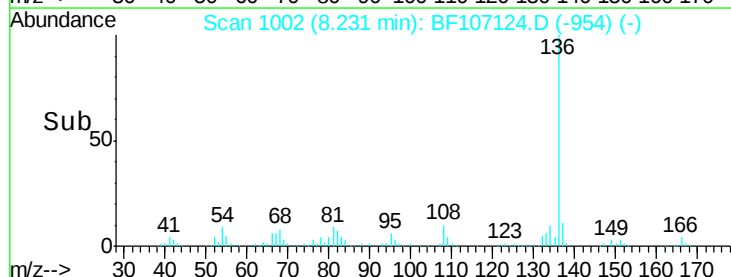
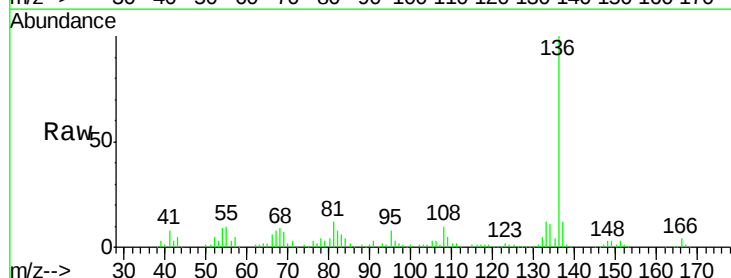
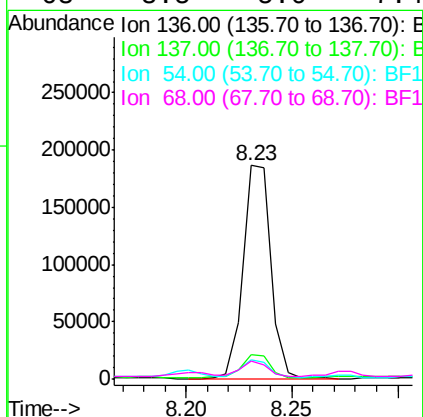
RT: 8.23 min Scan# 1002

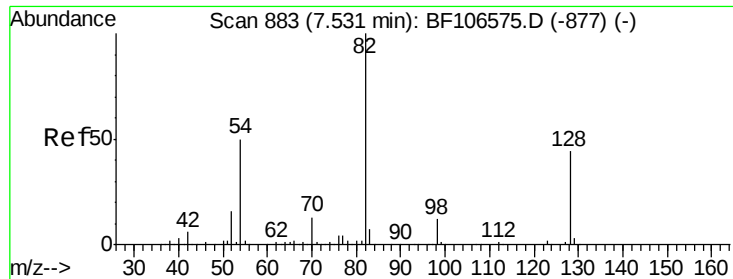
Delta R.T. -0.02 min

Lab File: BF107124.D

Acq: 5 Jul 2018 14:02

Tgt Ion:	136	Resp:	170531
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.9	13.3
54	9.1	6.6	9.8
68	8.5	5.0	7.4#





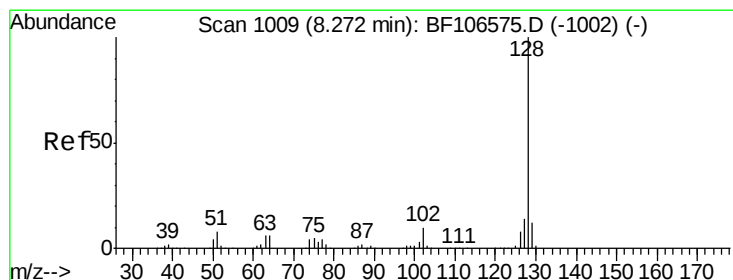
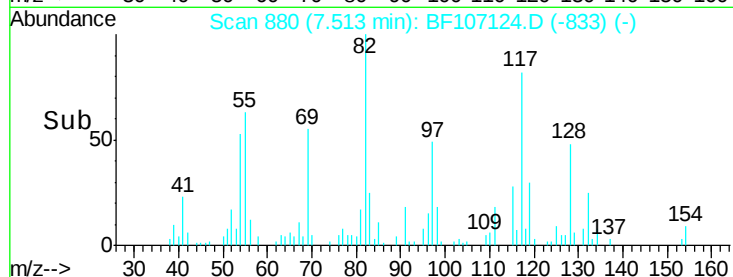
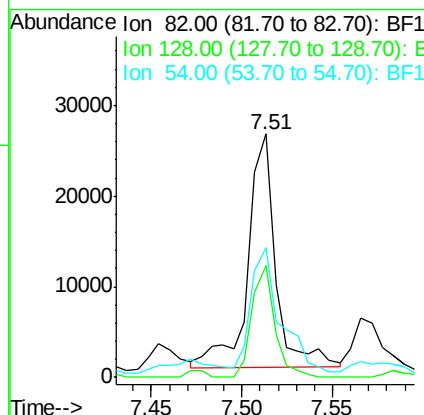
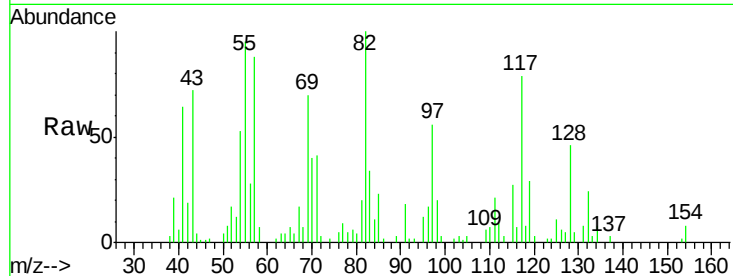
#23
 Nitrobenzene-d5
 Concen: 9.061 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107124.D
 Acq: 5 Jul 2018 14:02

Instrument :
 BNA_F
 ClientSampled :
 SB-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.3	41.4	62.2

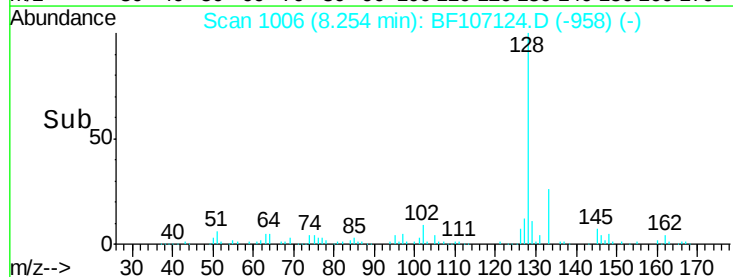
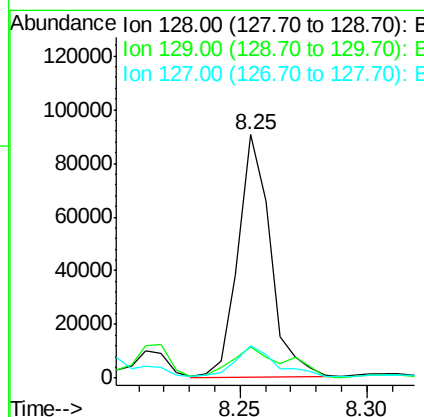
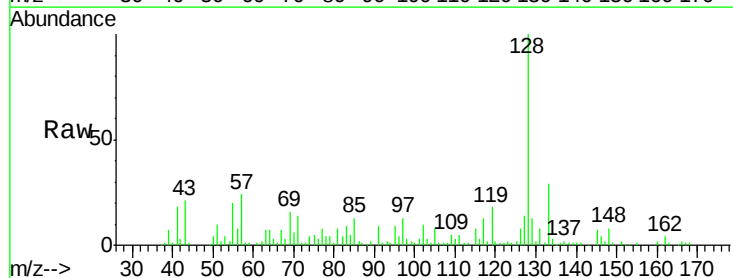
Manual Integrations
 APPROVED

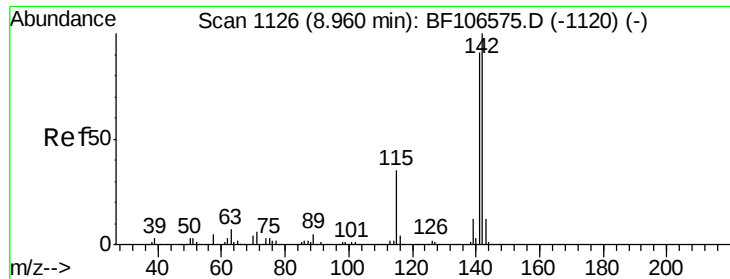
Sohil
 7/6/2018 4:01:25 PM



#31
 Naphthalene
 Concen: 10.049 ng
 RT: 8.25 min Scan# 1006
 Delta R.T. -0.02 min
 Lab File: BF107124.D
 Acq: 5 Jul 2018 14:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.8	13.2
127	13.6	10.9	16.3





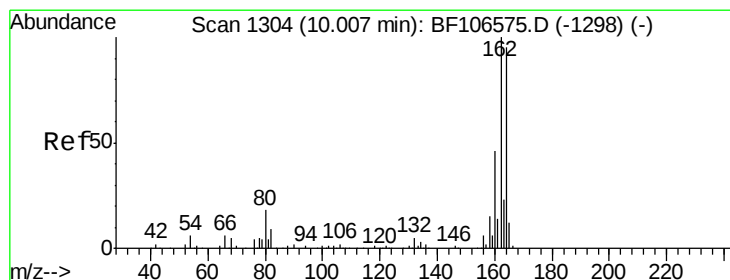
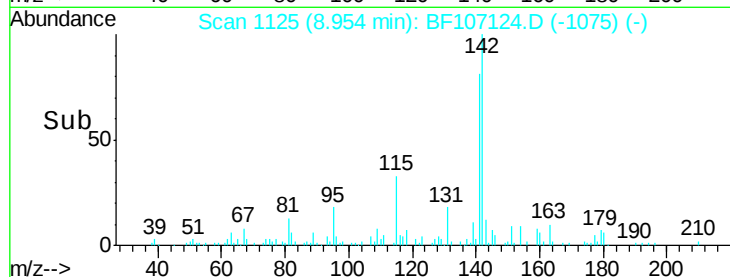
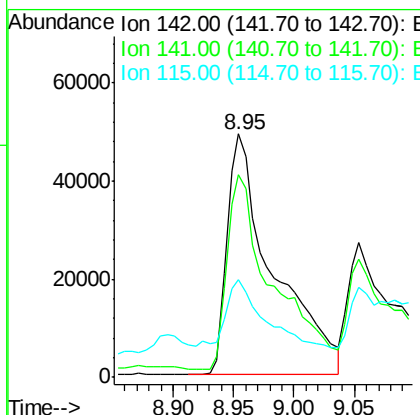
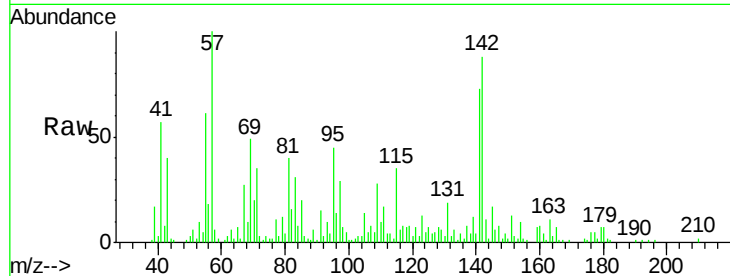
#37
2-Methylnaphthalene
Concen: 24.567 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107124.D
Acq: 5 Jul 2018 14:02

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.2	70.8	106.2
115	40.0	26.1	39.1#

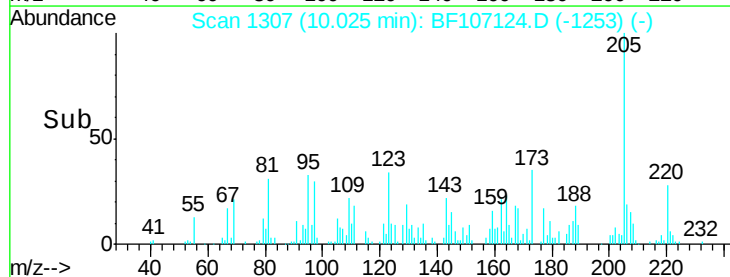
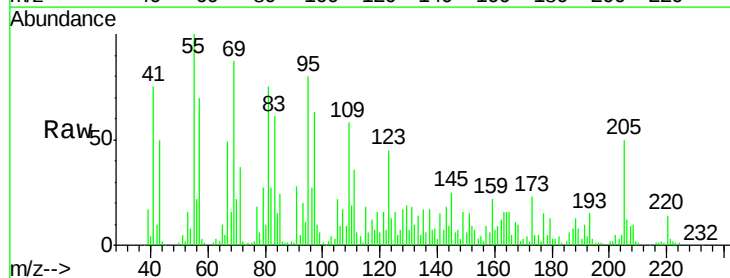
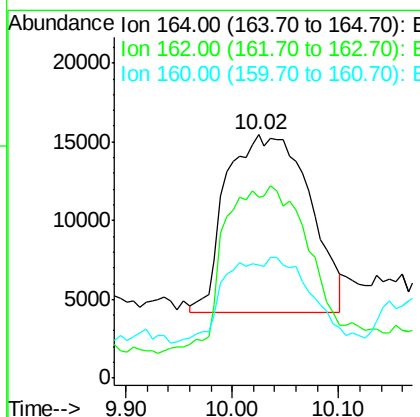
Manual Integrations
APPROVED

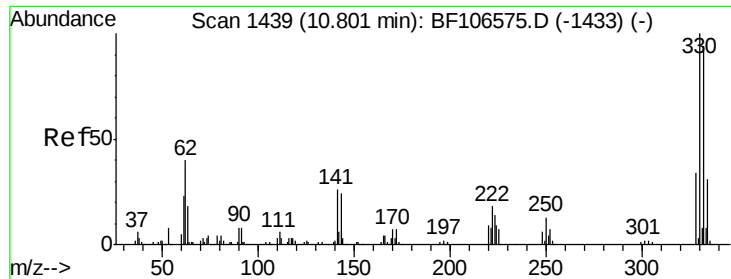
Sohil
7/6/2018 4:01:25 PM



#38
Acenaphthene-d10
Concen: 20.000 ng m
RT: 10.02 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF107124.D
Acq: 5 Jul 2018 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	74.1	86.1	129.1#
160	46.6	38.3	57.5





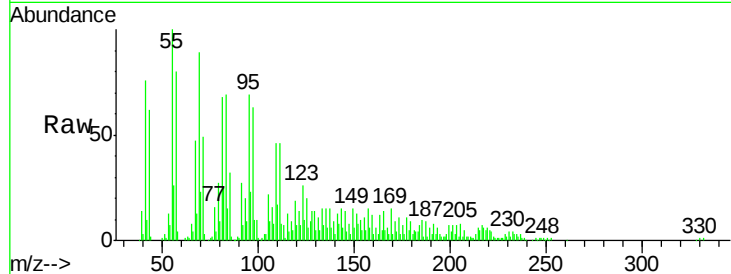
#41
 2,4,6-Tribromophenol
 Concen: 6.610 ng m
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.05 min
 Lab File: BF107124.D
 Acq: 5 Jul 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

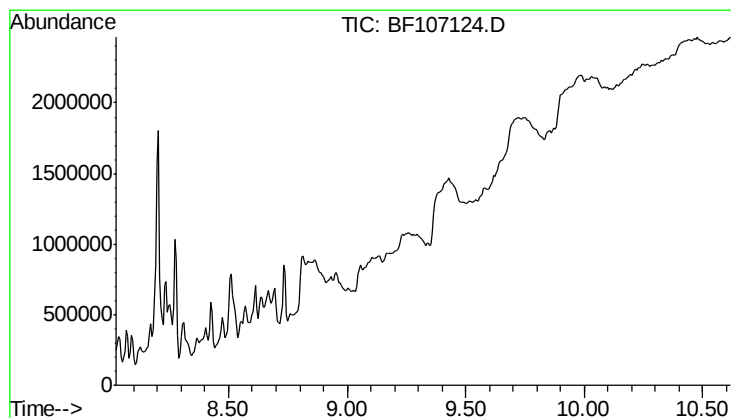
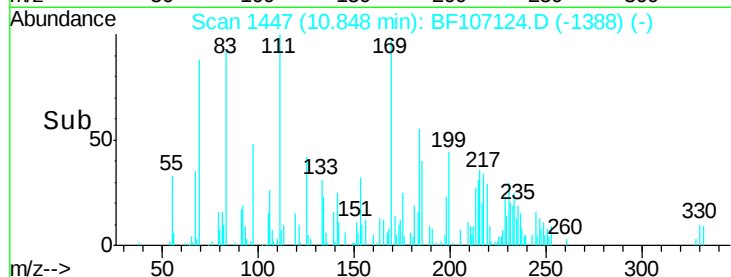
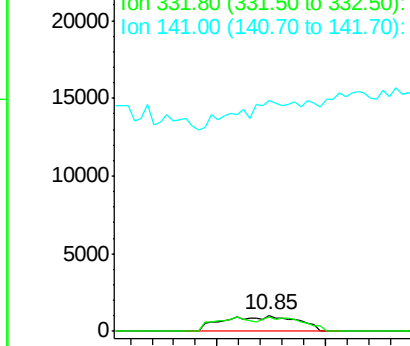
Tgt Ion: 330 Resp: 4697
 Ion Ratio Lower Upper
 330 100
 332 48.5 77.0 115.6#
 141 0.0 29.9 44.9#

Manual Integrations
 APPROVED

Sohil
 7/6/2018 4:01:25 PM

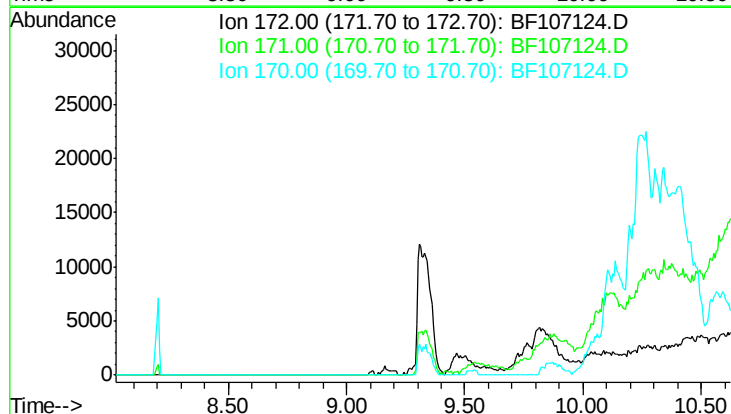


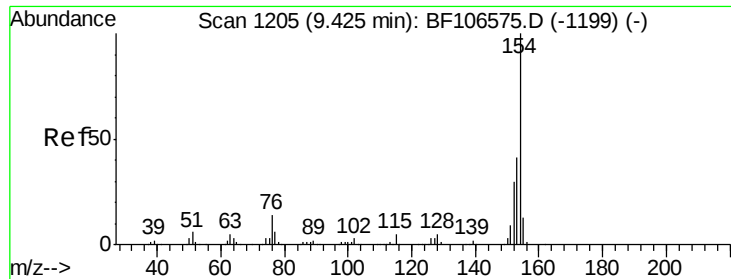
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.32 min
 Lab File: BF107124.D
 Acq: 5 Jul 2018 14:02

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5





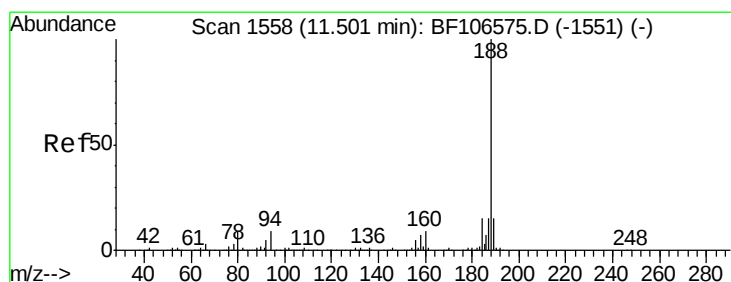
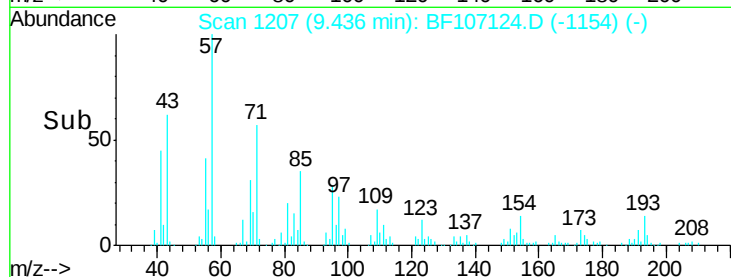
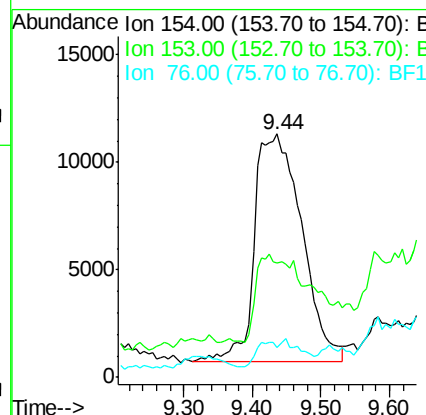
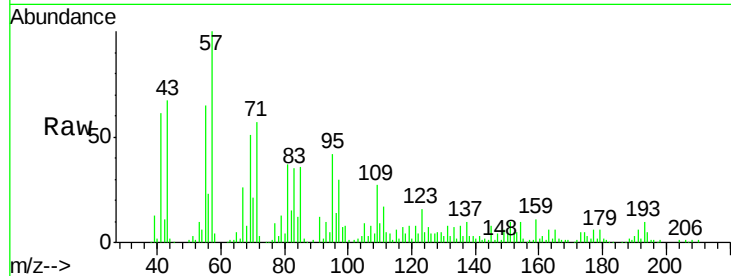
#45
1,1'-Biphenyl
Concen: 10.398 ng
RT: 9.44 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF107124.D
Acq: 5 Jul 2018 14:02

Instrument :
BNA_F
ClientSampled :
SB-3

Tgt Ion:	154	Resp:	50809
Ion Ratio	Lower	Upper	
154	100		
153	46.9	21.3	61.3
76	12.4	0.0	34.0

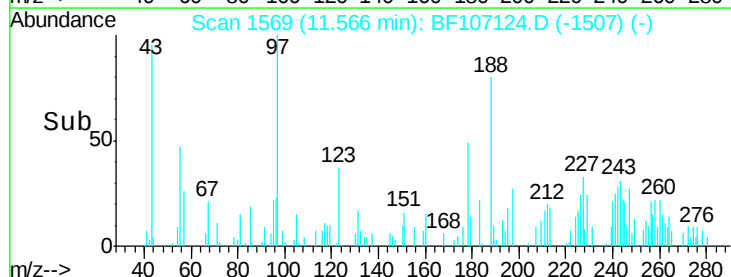
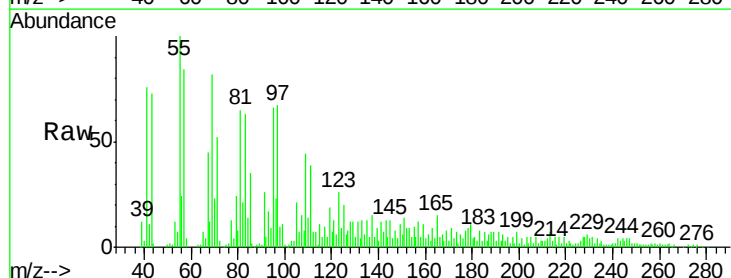
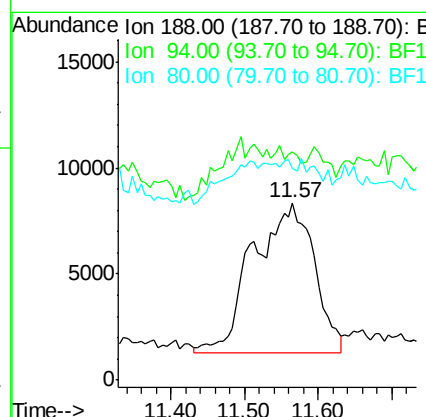
Manual Integrations
APPROVED

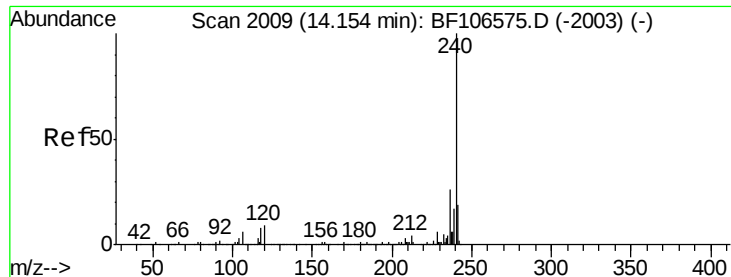
Sohil
7/6/2018 4:01:25 PM



#63
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.57 min Scan# 1569
Delta R.T. 0.06 min
Lab File: BF107124.D
Acq: 5 Jul 2018 14:02

Tgt Ion:	188	Resp:	40555
Ion Ratio	Lower	Upper	
188	100		
94	128.5	8.5	12.7#
80	119.4	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng m

RT: 14.27 min Scan# 2028

Delta R.T. 0.10 min

Lab File: BF107124.D

Acq: 5 Jul 2018 14:02

Instrument :

BNA_F

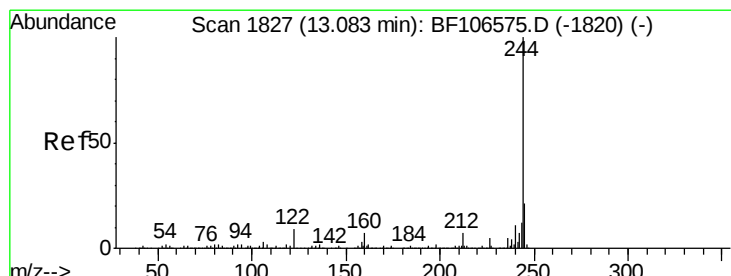
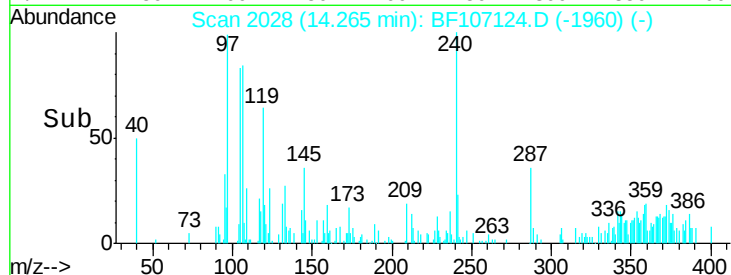
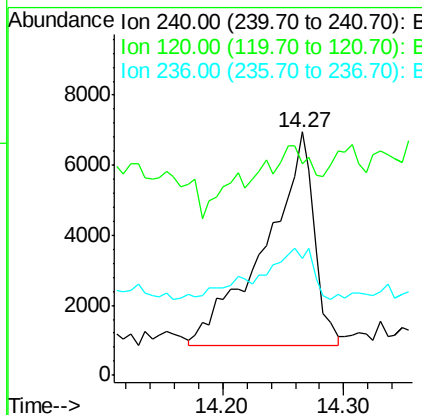
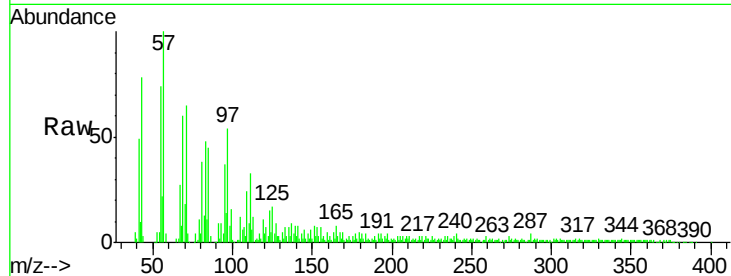
ClientSampled :

SB-3

Tgt Ion	Ratio	Lower	Upper
240	100		
120	86.9	9.5	14.3#
236	48.0	20.7	31.1#

Manual Integrations
APPROVED

Sohil
7/6/2018 4:01:25 PM



#78

Terphenyl-d14

Concen: 12.953 ng m

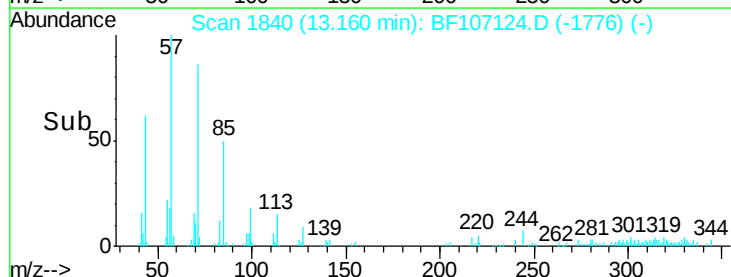
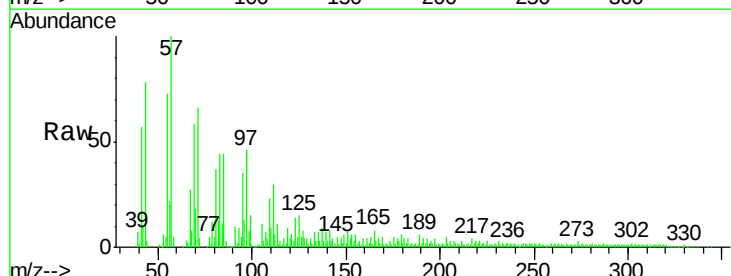
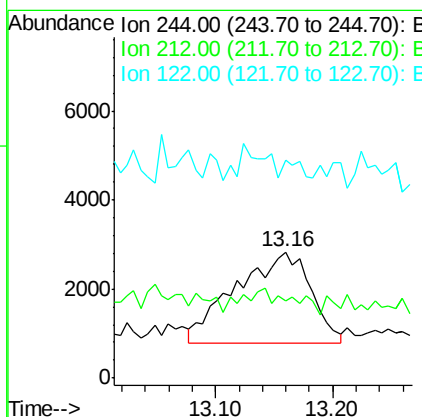
RT: 13.16 min Scan# 1840

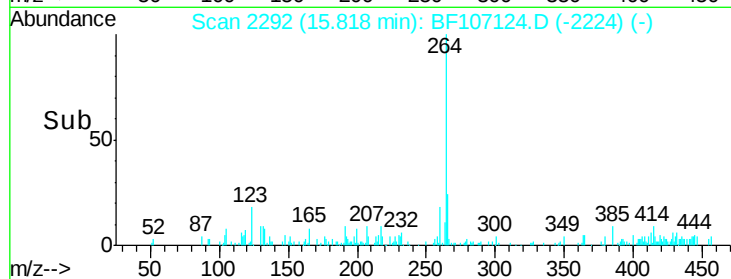
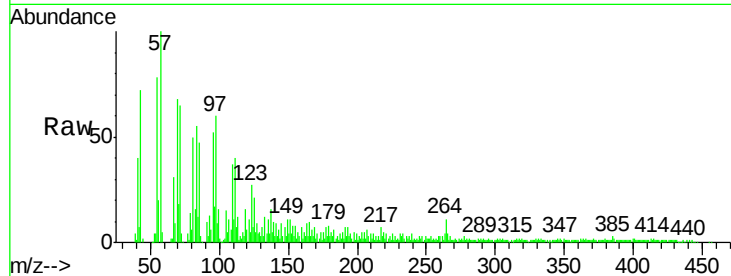
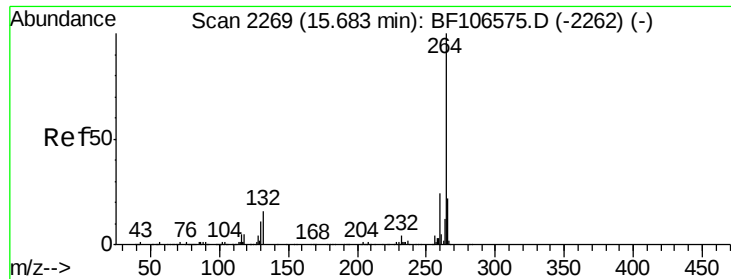
Delta R.T. 0.08 min

Lab File: BF107124.D

Acq: 5 Jul 2018 14:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	60.8	5.4	8.0#
122	173.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng m
RT: 15.82 min Scan# 2292
Delta R.T. 0.10 min
Lab File: BF107124.D
Acq: 5 Jul 2018 14:02

Instrument :
BNA_F
ClientSampleId :
SB-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	30.1	19.2	28.8#
265	36.4	17.5	26.3#

Manual Integrations
APPROVED

Sohil
7/6/2018 4:01:25 PM

