

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107842.D
 Acq On : 31 Jul 2018 10:37
 Operator : JU/SJ
 Sample : J4184-07DL2 100X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2BDL2

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:23 PM

Quant Time: Jul 31 12:01:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118152	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	616326	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	252004	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	418127	20.00	ng	0.00
75) Chrysene-d12	14.15	240	395719	20.00	ng	0.00
86) Perylene-d12	15.69	264	333778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.76	99	129	0.01	ng	0.15
23) Nitrobenzene-d5	7.57	82	1520	0.14	ng	0.04
41) 2,4,6-Tribromophenol	10.81	330	2125	0.62	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	24343m	1.35	ng	0.00
78) Terphenyl-d14	13.08	244	19408	1.06	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	1641526	57.297	ng	99
37) 2-Methylnaphthalene	8.96	142	76724	4.263	ng	99
48) Acenaphthylene	9.87	152	125443	4.679	ng	98
70) Phenanthrene	11.52	178	45441	2.289	ng	99

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

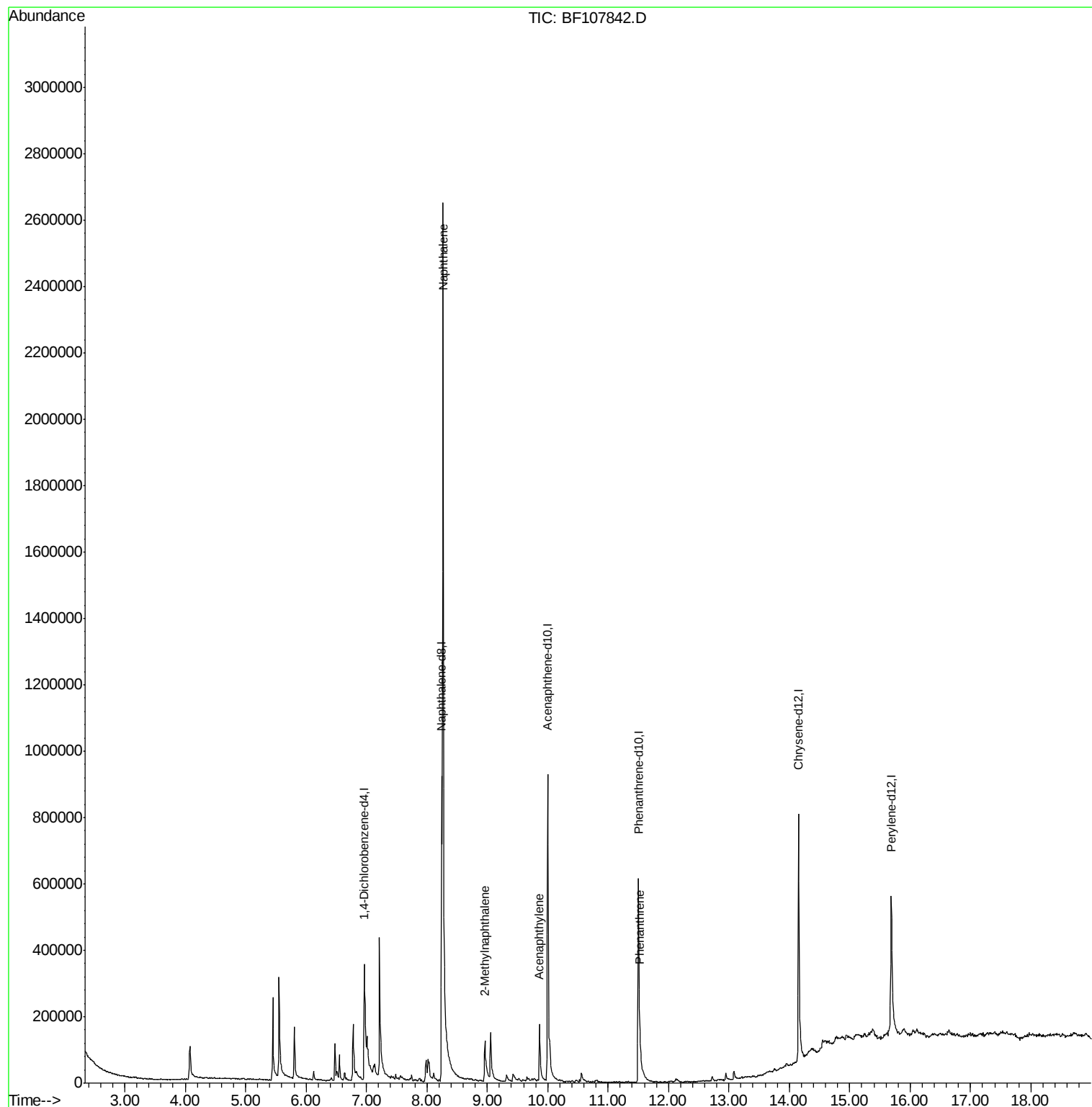
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107842.D
Acq On : 31 Jul 2018 10:37
Operator : JU/SJ
Sample : J4184-07DL2 100X
Misc :
ALS Vial : 41 Sample Multiplier: 1

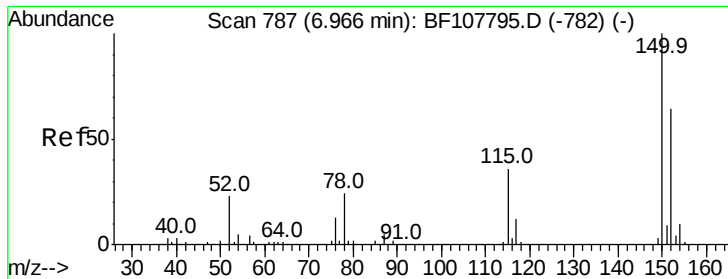
Instrument :
BNA_F
ClientSampleId :
MW-2BDL2

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:23 PM

Quant Time: Jul 31 12:01:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration





#1

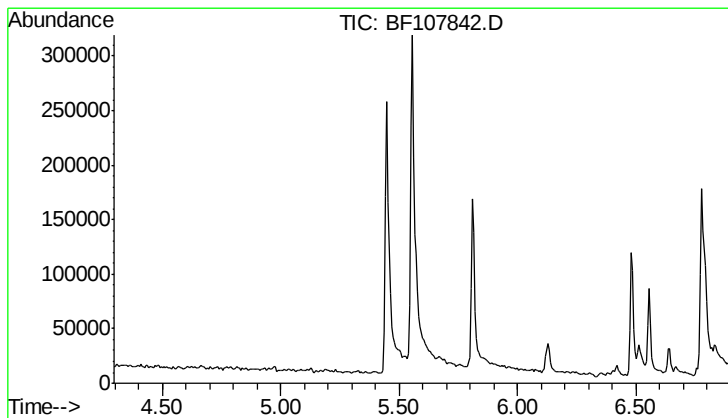
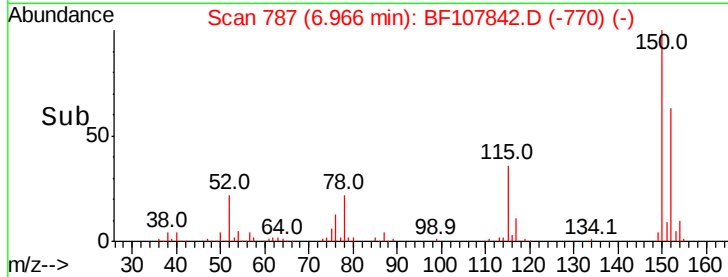
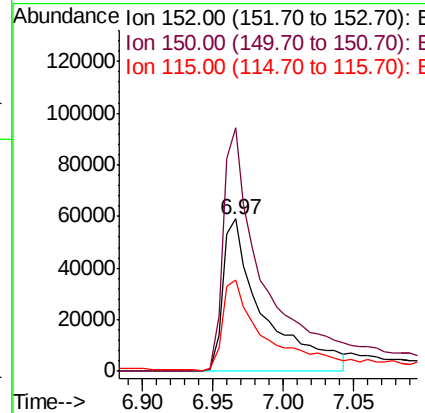
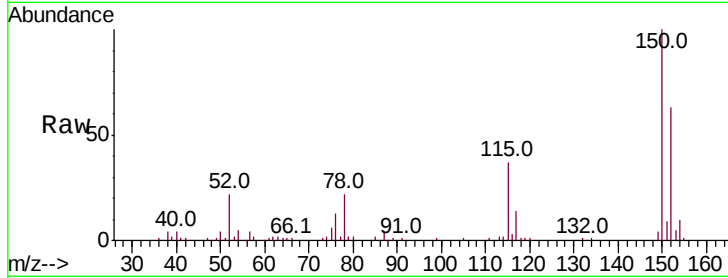
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107842.D
Acq: 31 Jul 2018 10:37

Instrument :
BNA_F
ClientSampleId :
MW-2BDL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:23 PM

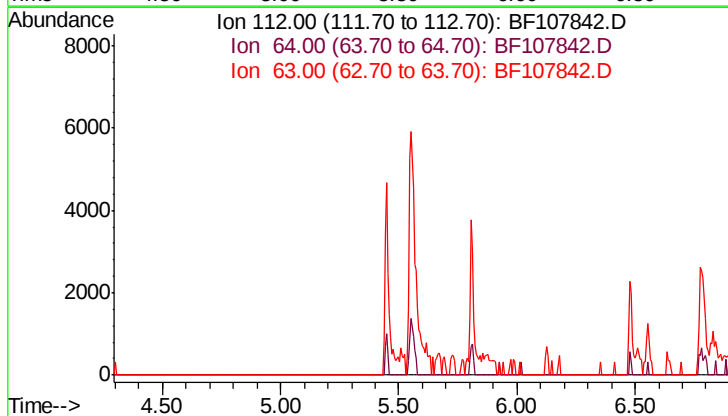


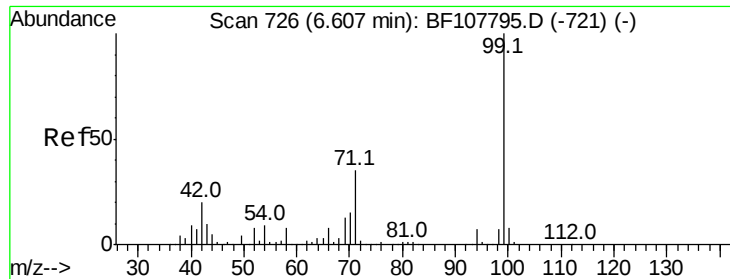
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF107842.D
Acq: 31 Jul 2018 10:37

Tgt Ion	Exp Ratio
112	100
64	59.9
63	29.6





#7

Phenol-d6

Concen: 0.014 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF107842.D

Acq: 31 Jul 2018 10:37

Instrument :

BNA_F

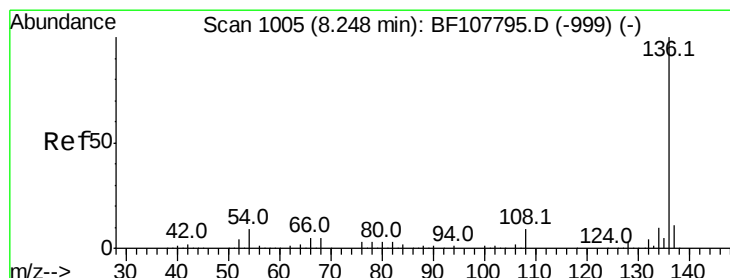
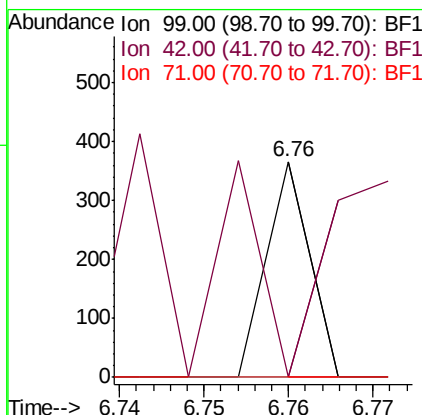
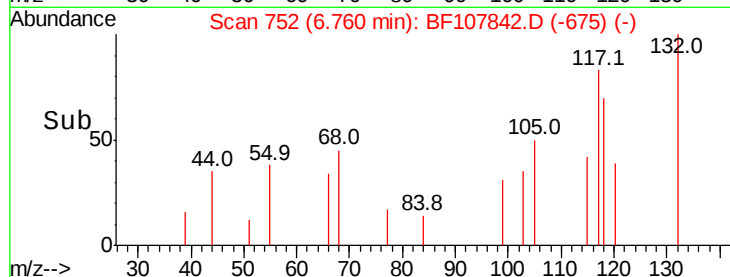
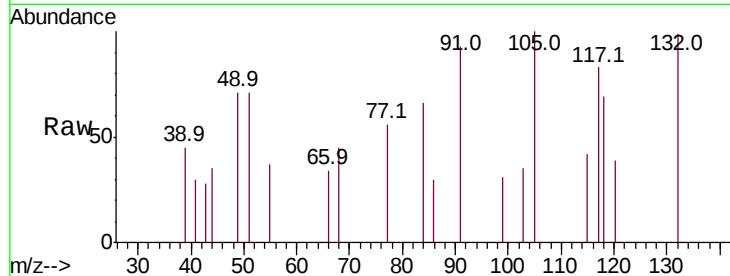
ClientSampled :

MW-2BDL2

Tot Ion:	99	Resp:	129
Ion Ratio	Lower	Upper	
99	100		
42	0.0	14.5	21.7#
71	0.0	25.4	38.0#

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:23 PM



#21

Naphthalene-d8

Concen: 20.000 ng

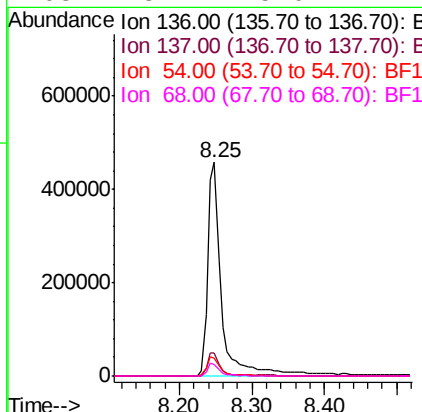
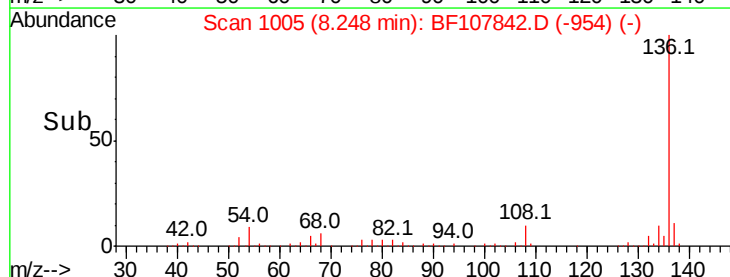
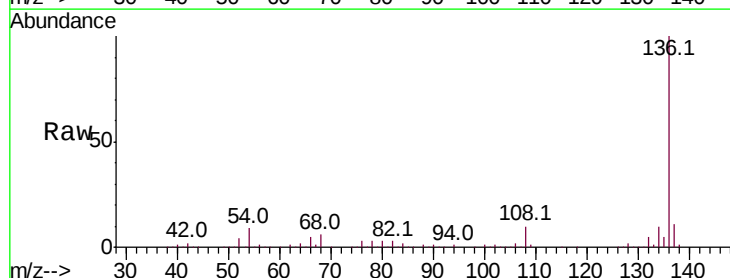
RT: 8.25 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF107842.D

Acq: 31 Jul 2018 10:37

Tgt Ion:	136	Resp:	616326
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.6	6.6	9.8
68	5.7	5.0	7.4





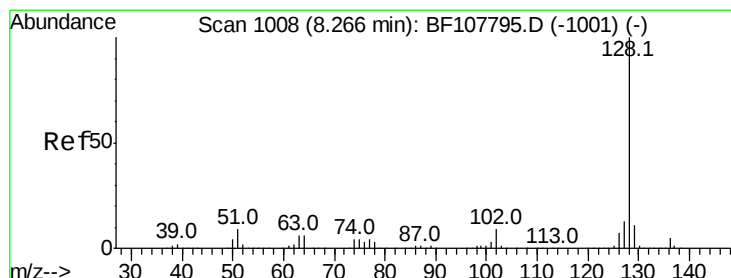
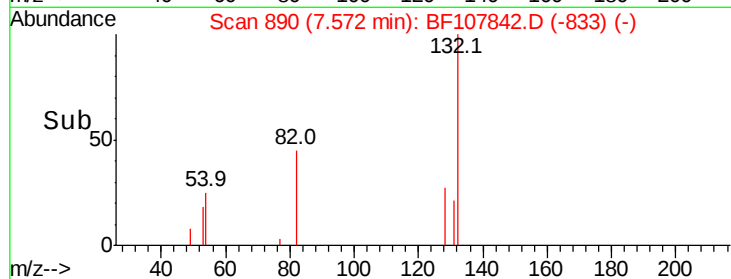
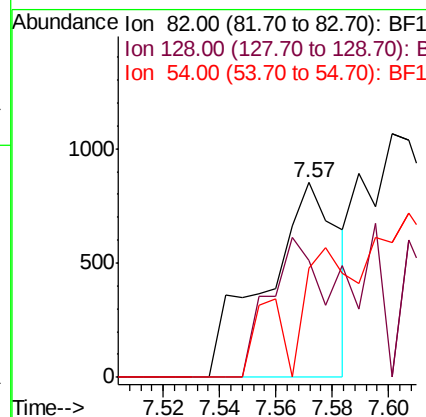
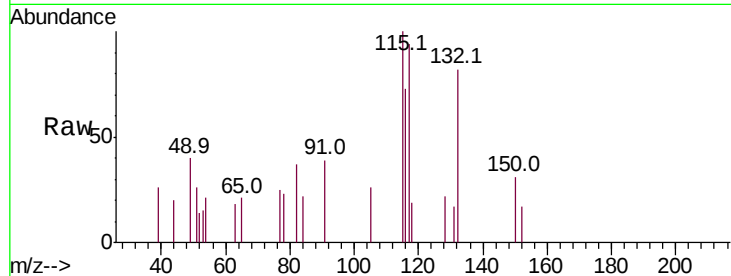
#23
Nitrobenzene-d5
Concen: 0.142 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.04 min
Lab File: BF107842.D
Acq: 31 Jul 2018 10:37

Instrument :
BNA_F
ClientSampled :
MW-2BDL2

Tot Ion	Ratio	Lower	Upper
82	100		
128	59.9	36.1	54.1#
54	56.2	41.4	62.2

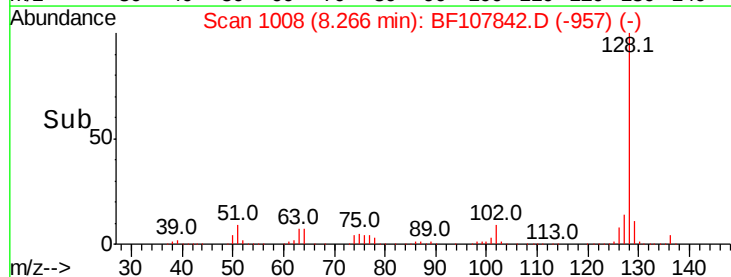
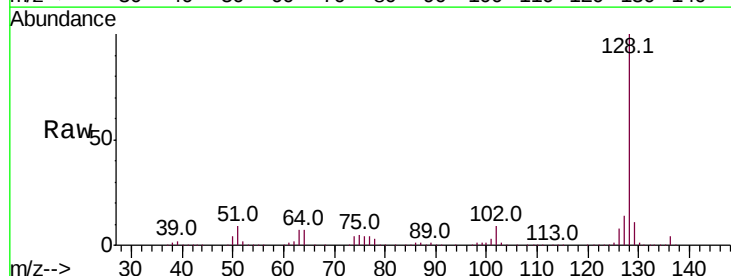
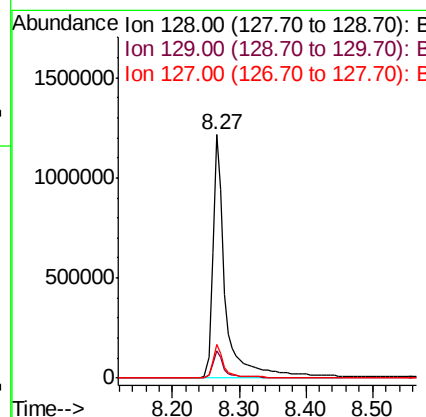
Manual Integrations
APPROVED

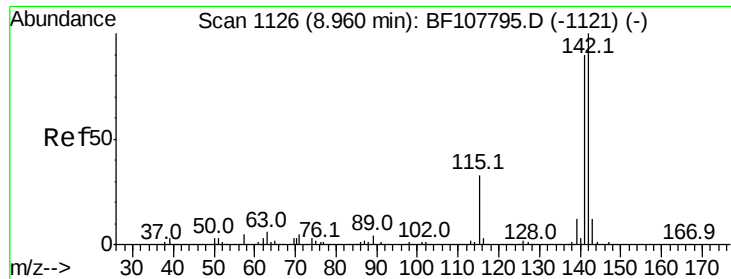
Sohil
7/31/2018 2:43:23 PM



#31
Naphthalene
Concen: 57.297 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107842.D
Acq: 31 Jul 2018 10:37

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.9	16.3





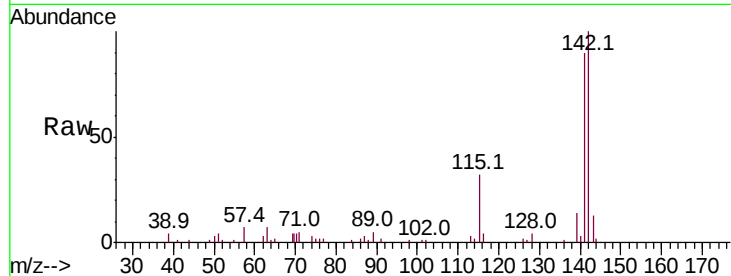
#37
2-Methylnaphthalene
Concen: 4.263 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF107842.D
Acq: 31 Jul 2018 10:37

Instrument :
BNA_F
ClientSampleId :
MW-2BDL2

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	32.0	26.1	39.1

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:23 PM

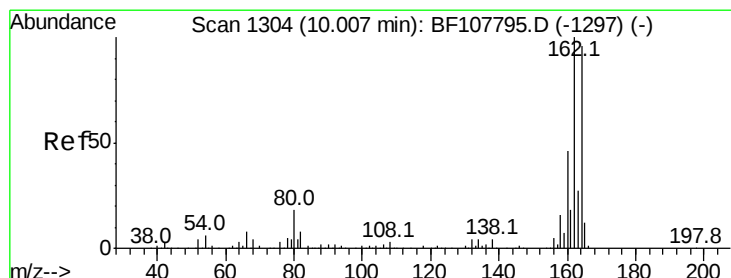
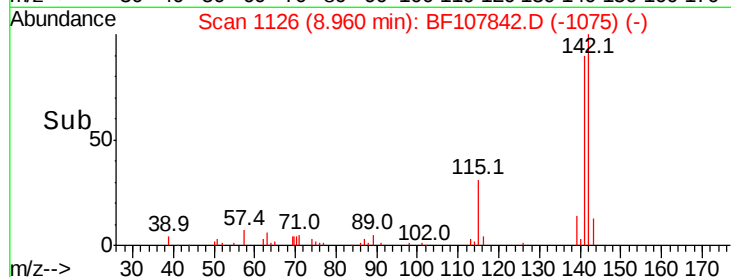
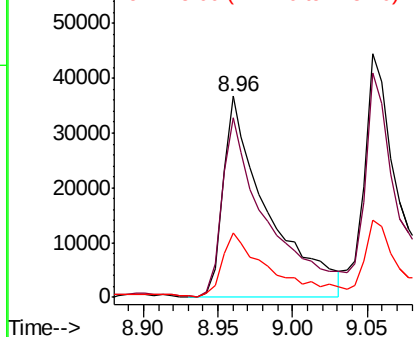


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107842.D
Acq: 31 Jul 2018 10:37

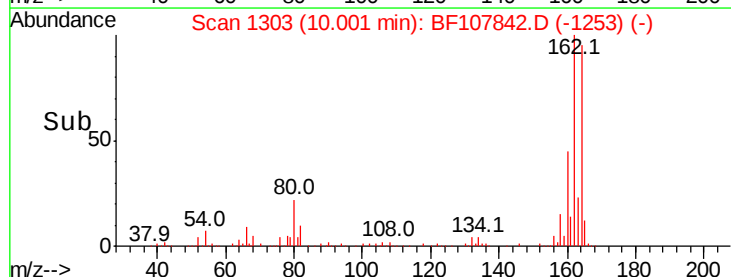
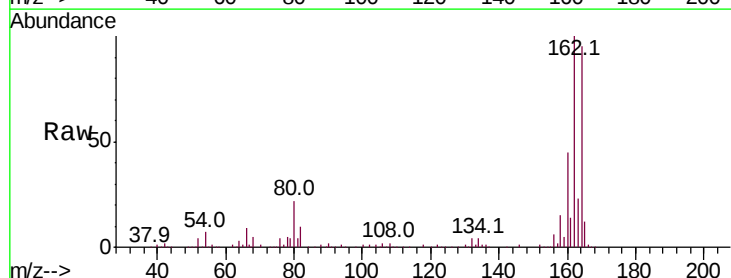
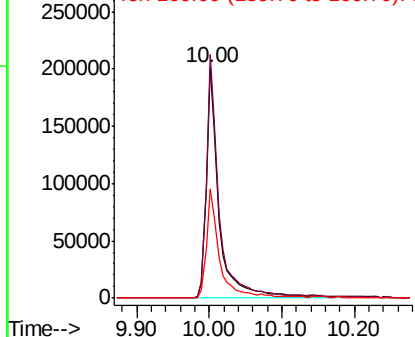
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	47.6	38.3	57.5

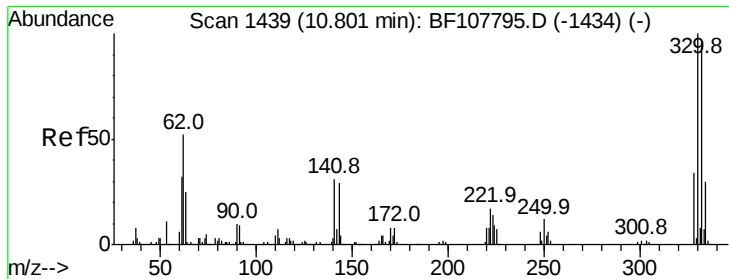
Abundance

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





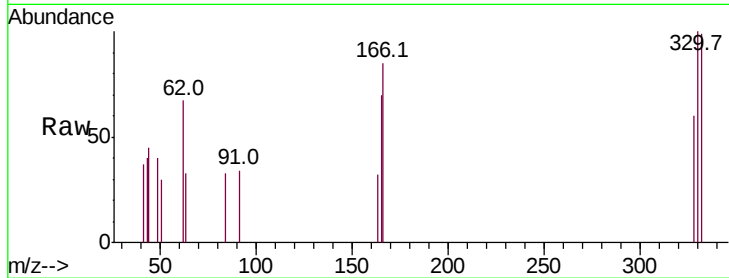
#41
 2,4,6-Tribromophenol
 Concen: 0.621 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF107842.D
 Acq: 31 Jul 2018 10:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2BDL2

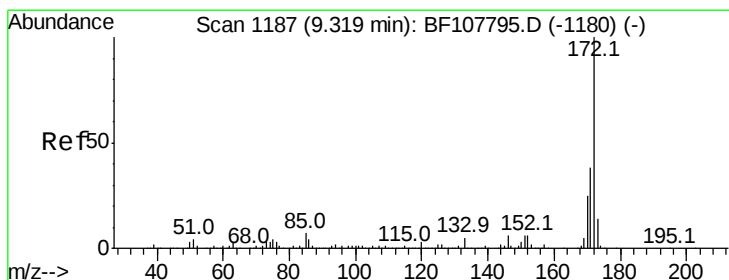
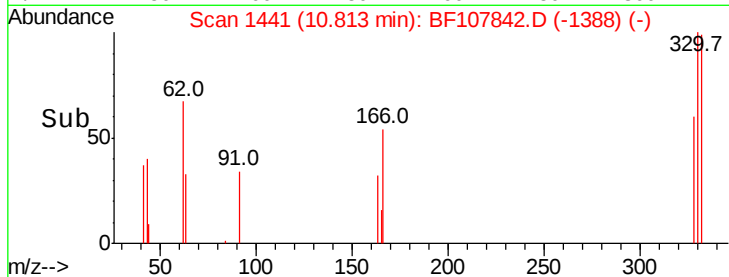
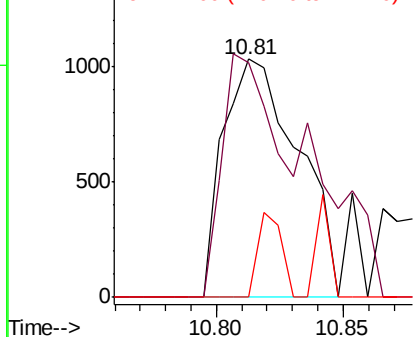
Tot Ion	Ratio	Lower	Upper
330	100		
332	75.4	77.0	115.6#
141	11.3	29.9	44.9#

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:23 PM



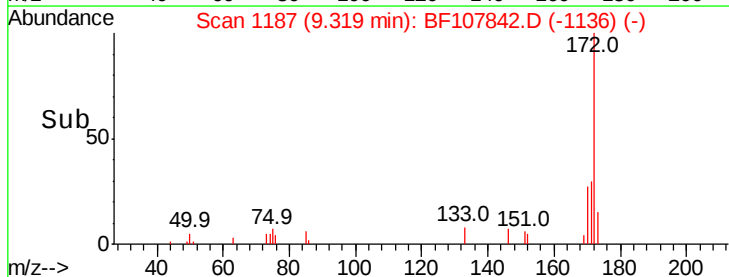
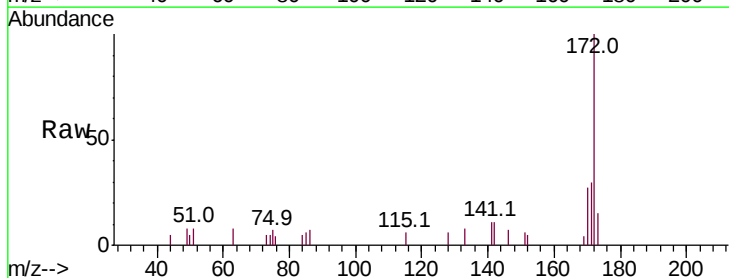
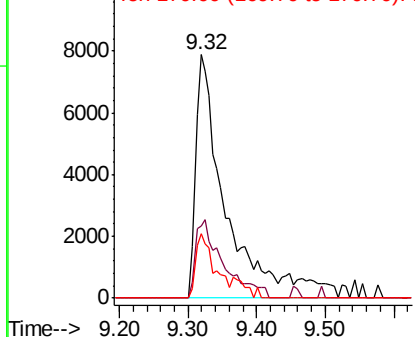
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

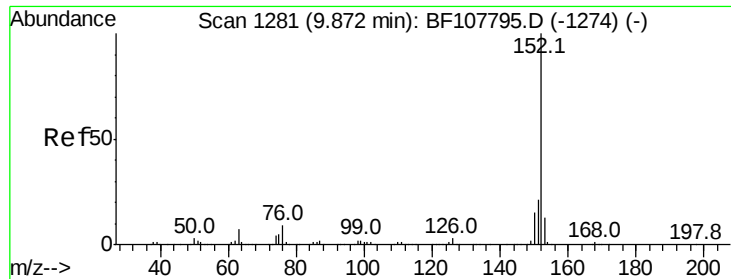


#44
 2-Fluorobiphenyl
 Concen: 1.346 ng m
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF107842.D
 Acq: 31 Jul 2018 10:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	29.7	29.7	44.5
170	26.6	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





#48

Acenaphthylene

Concen: 4.679 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF107842.D

Acq: 31 Jul 2018 10:37

Instrument :

BNA_F

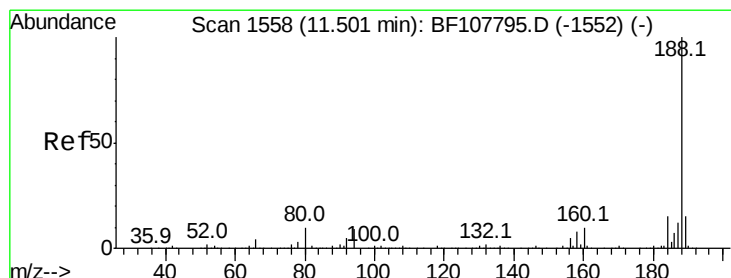
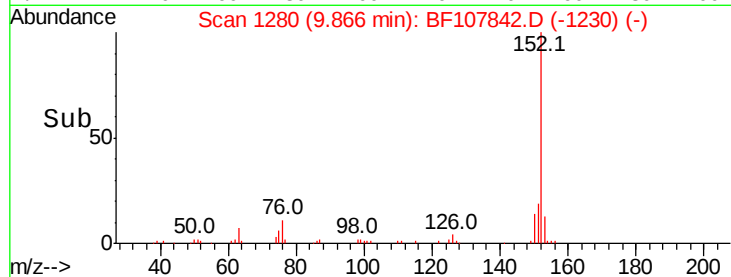
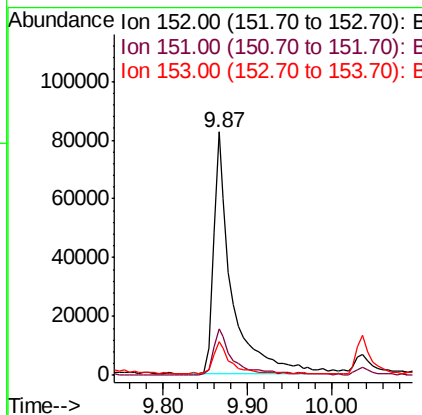
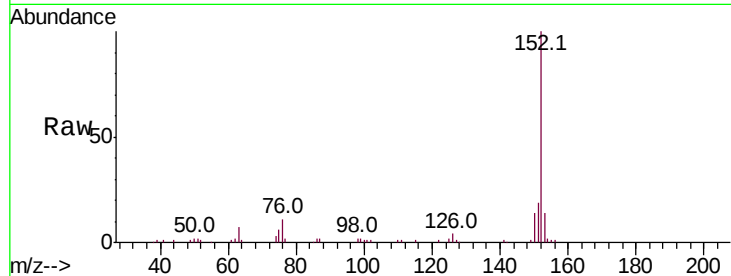
ClientSampleId :

MW-2BDL2

Tot Ion:	152	Resp:	125443
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.3	24.5
153	13.9	10.7	16.1

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:23 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

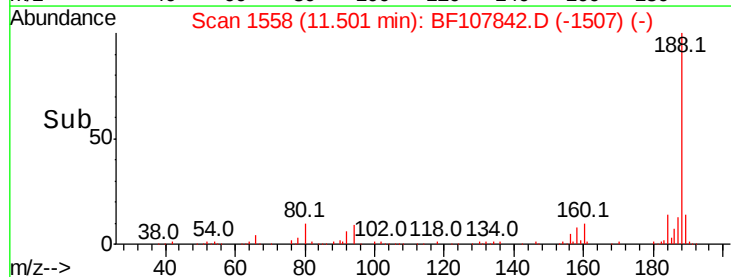
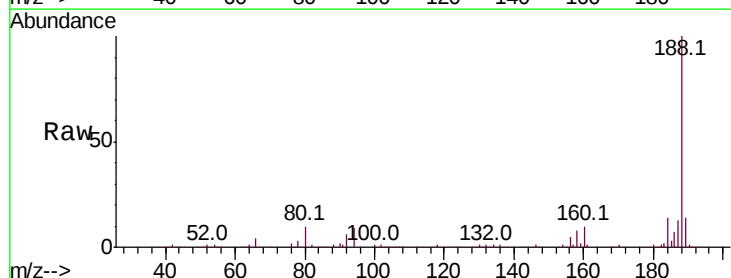
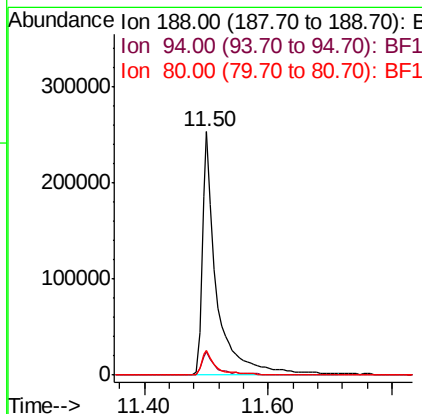
RT: 11.50 min Scan# 1558

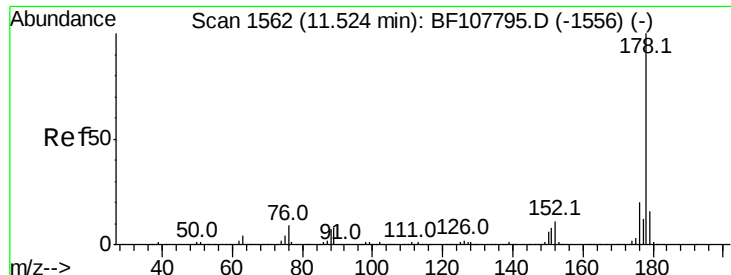
Delta R.T. -0.00 min

Lab File: BF107842.D

Acq: 31 Jul 2018 10:37

Tgt Ion:	188	Resp:	418127
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8





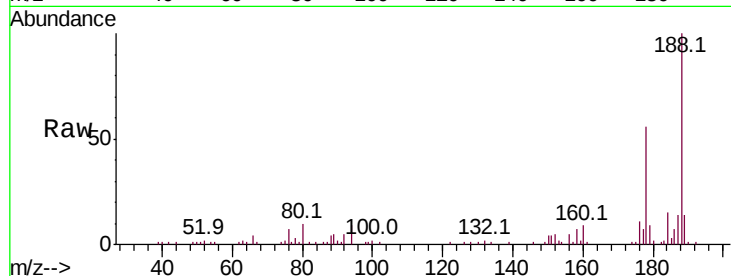
#70
Phenanthrene
Concen: 2.289 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107842.D
Acq: 31 Jul 2018 10:37

Instrument :
BNA_F
ClientSampleId :
MW-2BDL2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	13.0	19.6

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:23 PM

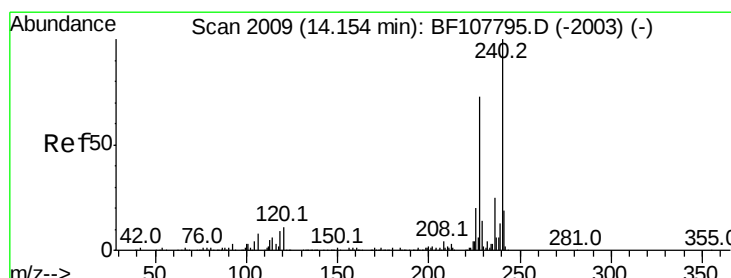
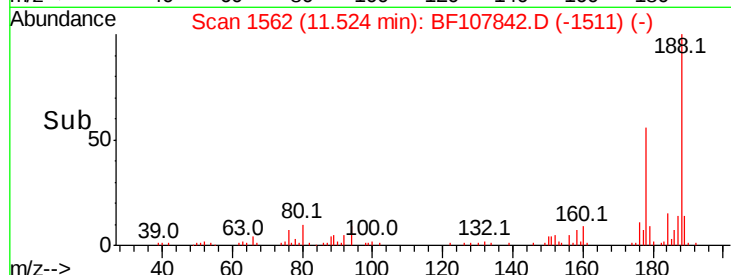
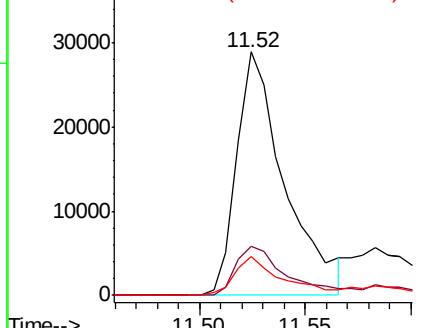


Abundance

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: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107842.D
Acq: 31 Jul 2018 10:37

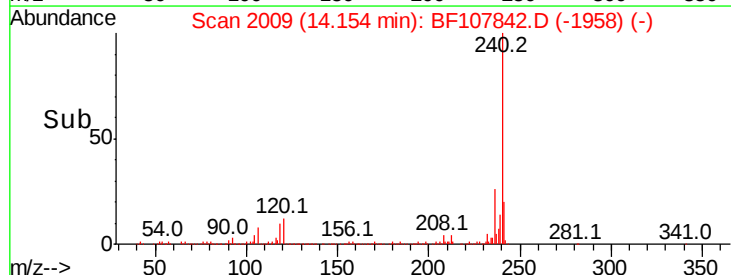
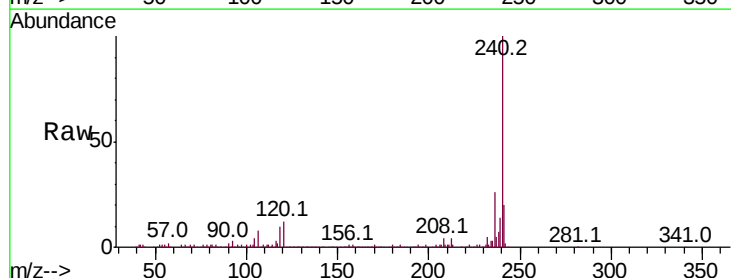
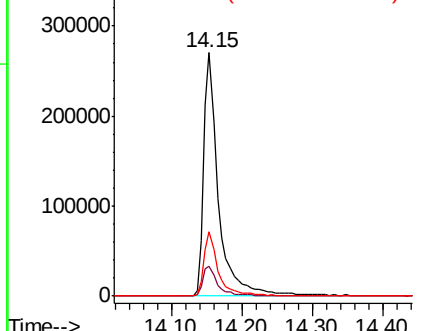
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.5	20.7	31.1

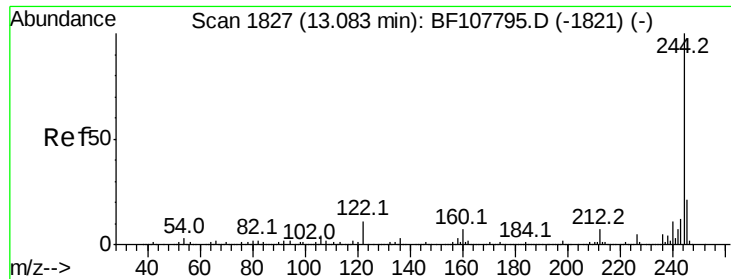
Abundance

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





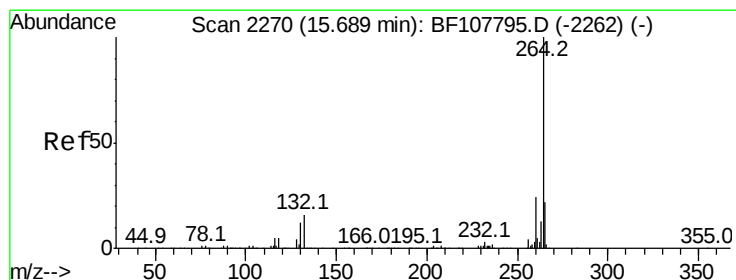
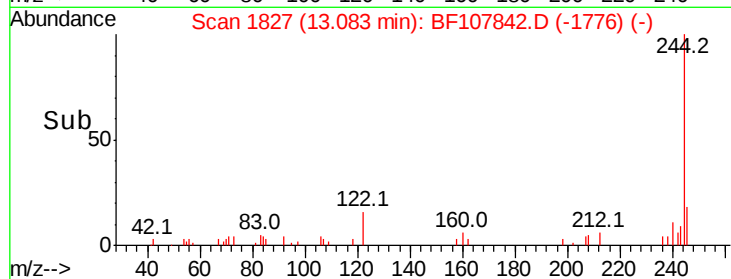
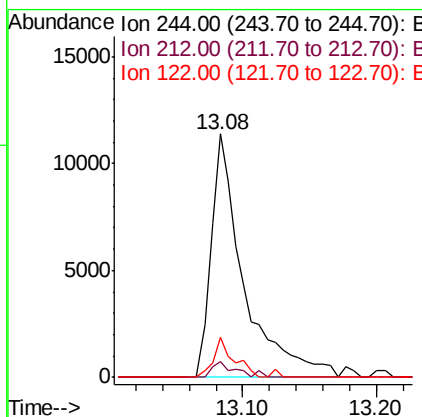
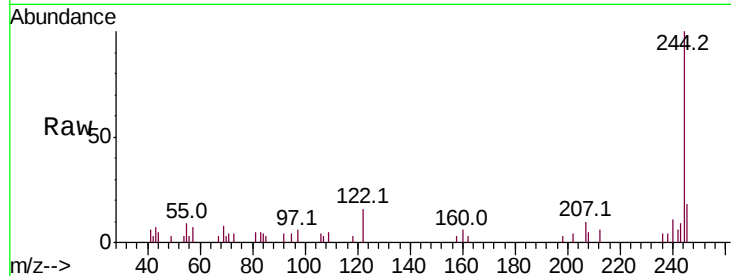
#78
 Terphenyl-d14
 Concen: 1.064 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF107842.D
 Acq: 31 Jul 2018 10:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-2BDL2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	16.5	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:23 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF107842.D
 Acq: 31 Jul 2018 10:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	17.5	26.3

