

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107840.D
 Acq On : 31 Jul 2018 9:44
 Operator : JU/SJ
 Sample : J4184-01DL 20X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:18 PM

Quant Time: Jul 31 11:27:26 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	6.96	152	143814	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	667958	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	272650	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	455380	20.00	ng	0.00
75) Chrysene-d12	14.15	240	441078	20.00	ng	0.00
86) Perylene-d12	15.69	264	394692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	13612m	1.61	ng	0.12
7) Phenol-d6	6.72	99	21906m	1.96	ng	0.11
23) Nitrobenzene-d5	7.56	82	55486	4.79	ng	0.02
41) 2,4,6-Tribromophenol	10.80	330	20959	5.66	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	144810	7.40	ng	0.00
78) Terphenyl-d14	13.08	244	114068	5.61	ng	0.00
Target Compounds						
31) Naphthalene	8.27	128	1512290	48.706	ng	99
51) Acenaphthene	10.04	154	56223	3.337	ng	97

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

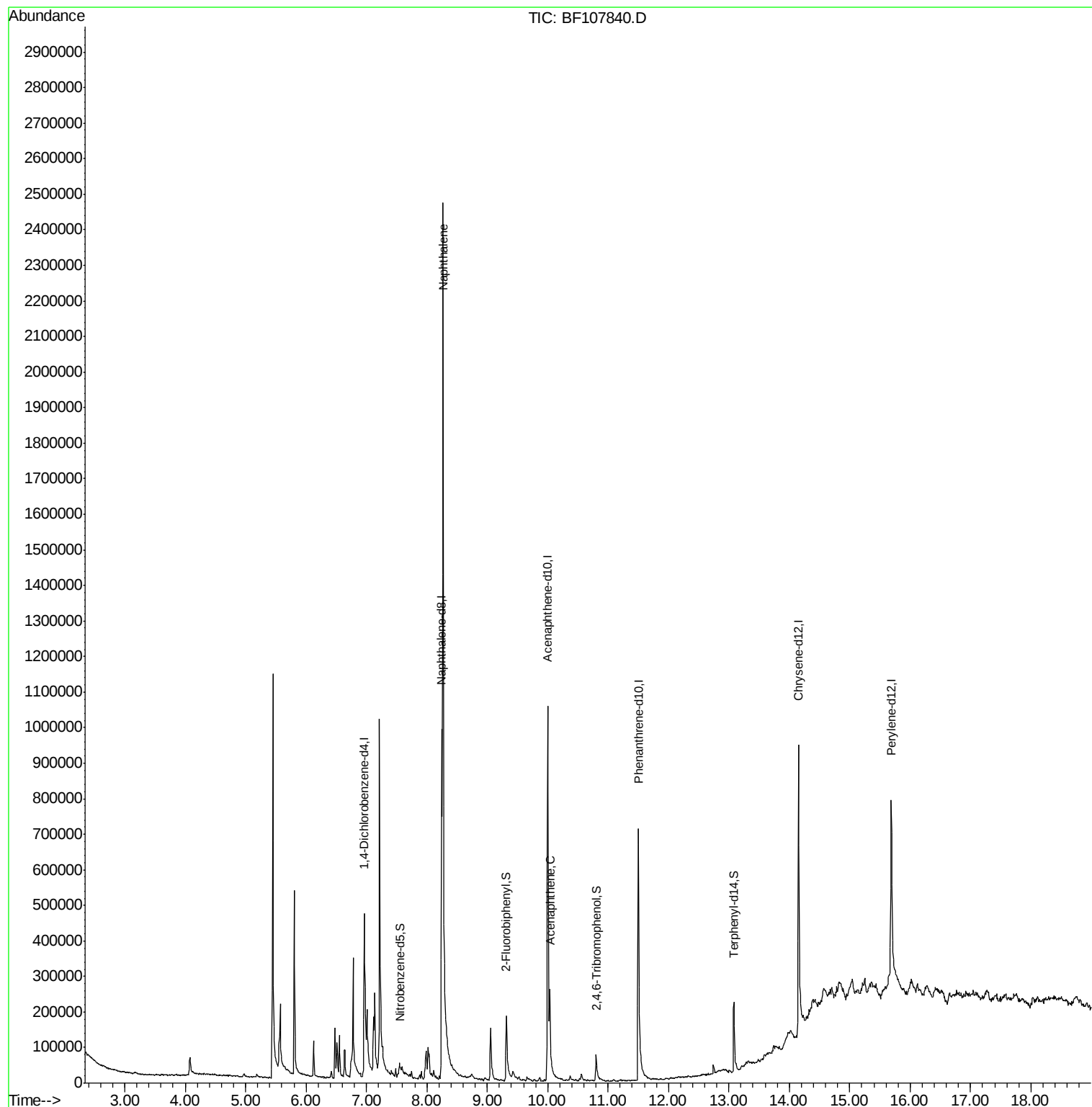
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107840.D
Acq On : 31 Jul 2018 9:44
Operator : JU/SJ
Sample : J4184-01DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

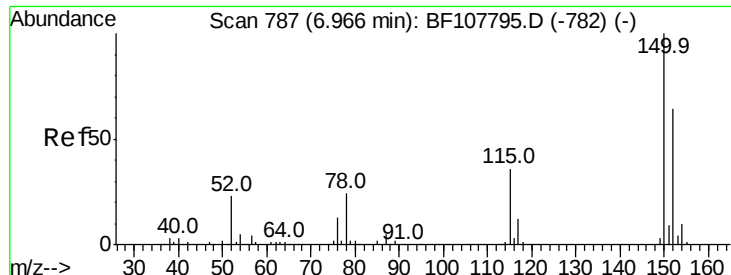
Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:18 PM

Quant Time: Jul 31 11:27:26 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

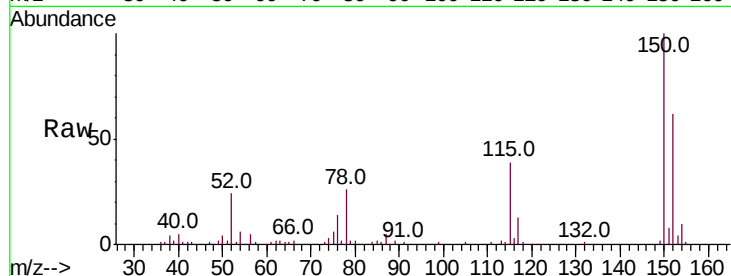
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107840.D
Acq: 31 Jul 2018 9:44

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:18 PM

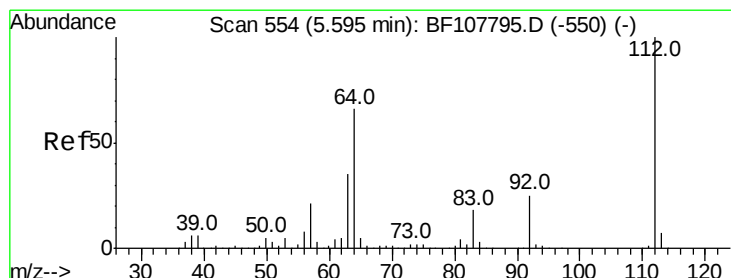
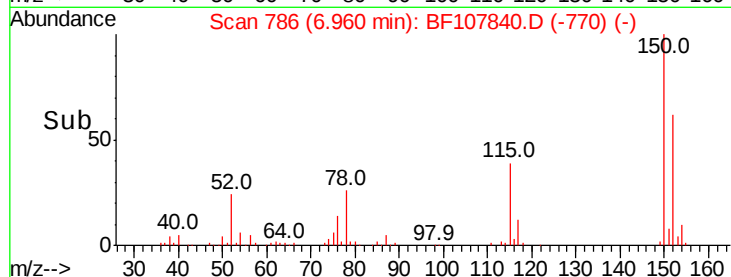
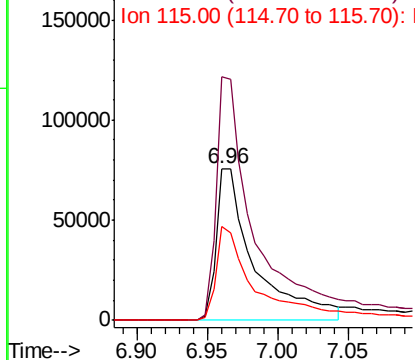


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

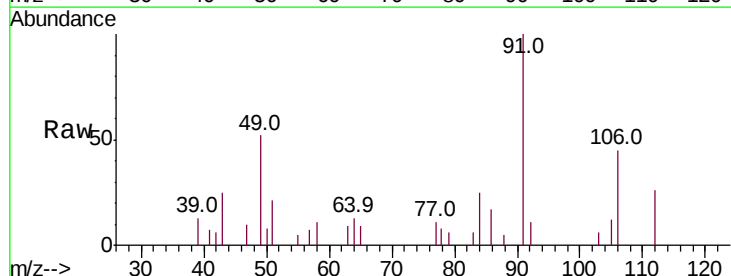
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 1.609 ng m
RT: 5.71 min Scan# 574
Delta R.T. 0.12 min
Lab File: BF107840.D
Acq: 31 Jul 2018 9:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.4	47.9	71.9
63	32.8	23.7	35.5

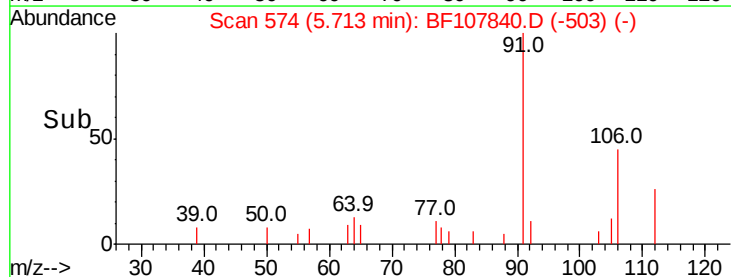
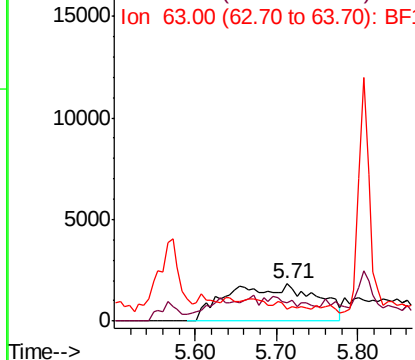


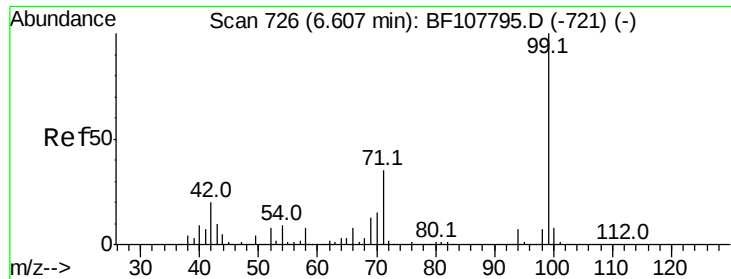
Abundance

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

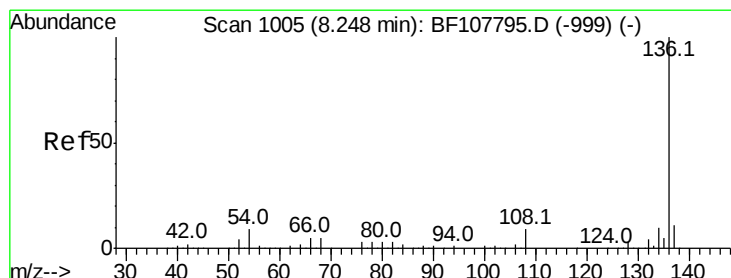
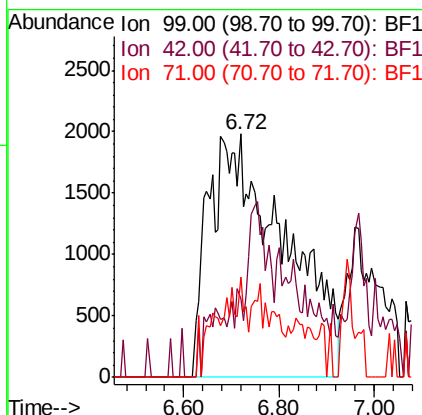
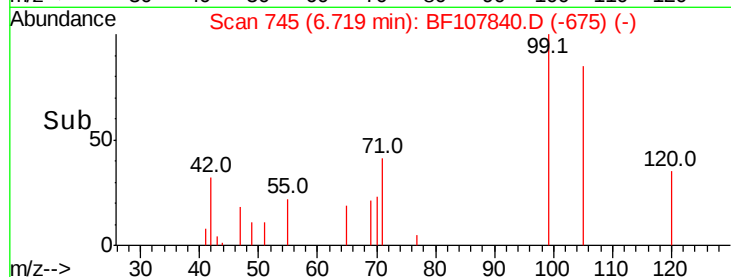
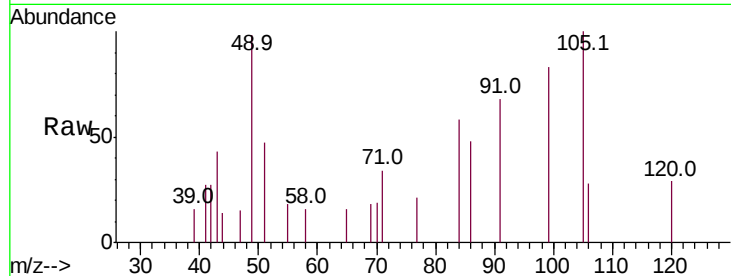
Concen: 1.964 ng/mL
 RT: 6.72 min Scan# 745
 Delta R.T. 0.11 min
 Lab File: BF107840.D
 Acq: 31 Jul 2018 9:44

Instrument :
 BNA_F
 ClientSampled :
 MW-3BDL

Tot Ion	Ratio	Lower	Upper
99	100		
42	32.2	14.5	21.7#
71	41.4	25.4	38.0#

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:18 PM

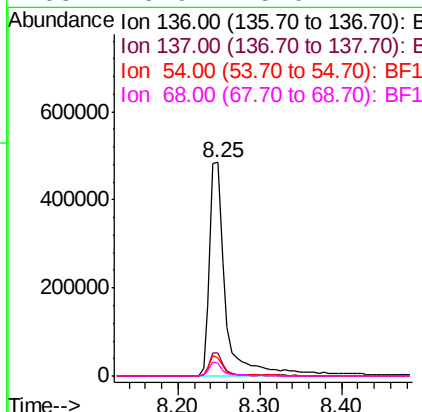
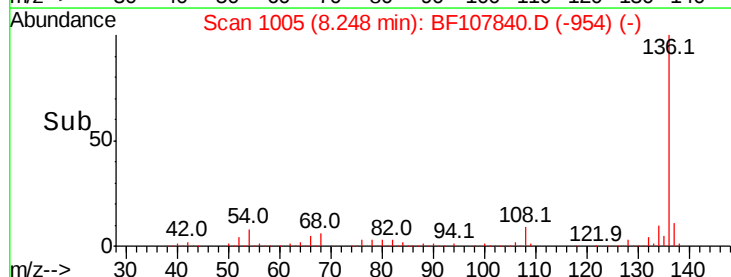
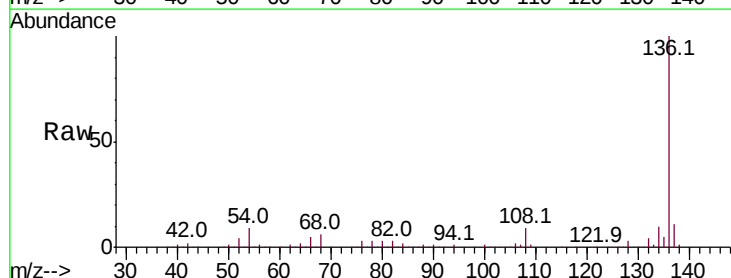


#21

Naphthalene-d8

Concen: 20.000 ng/mL
 RT: 8.25 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF107840.D
 Acq: 31 Jul 2018 9:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	6.6	9.8
68	5.9	5.0	7.4





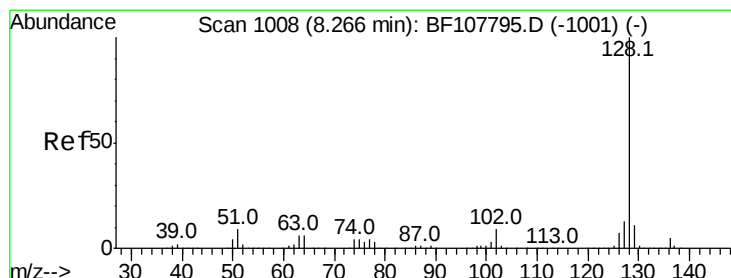
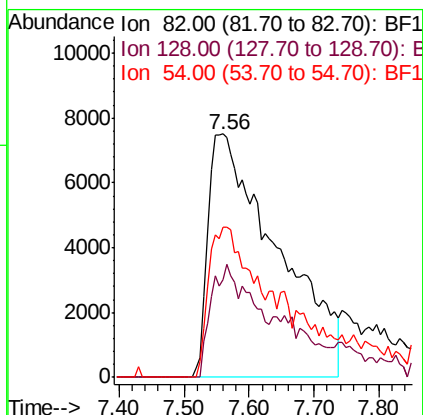
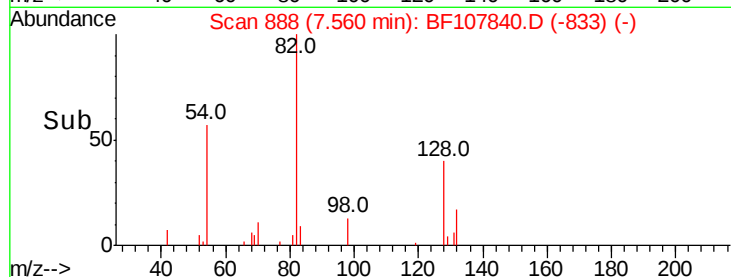
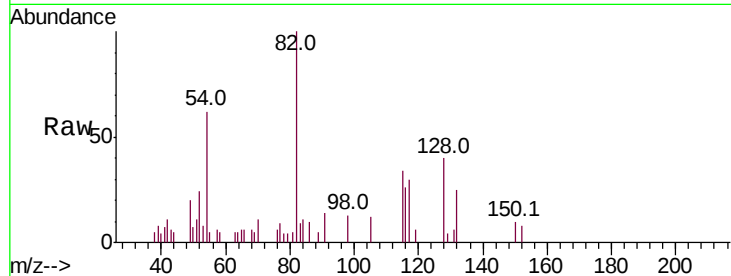
#23
Nitrobenzene-d5
Concen: 4.786 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.02 min
Lab File: BF107840.D
Acq: 31 Jul 2018 9:44

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.1	54.1
54	61.7	41.4	62.2

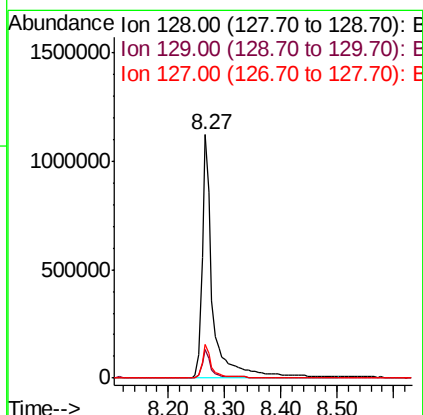
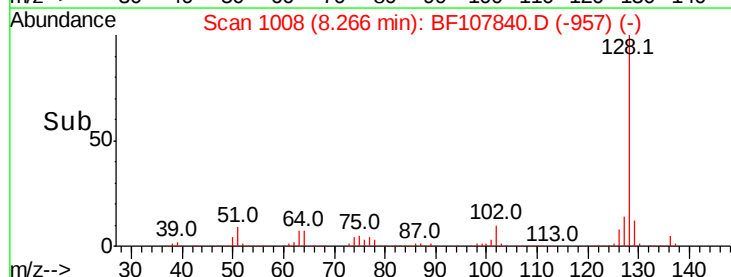
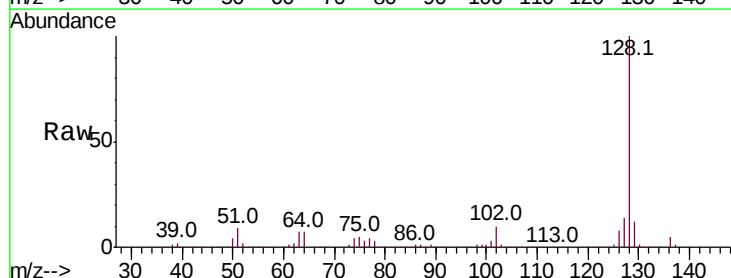
Manual Integrations
APPROVED

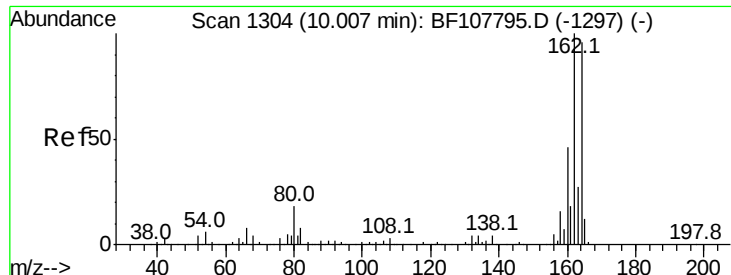
Sohil
7/31/2018 2:43:18 PM



#31
Naphthalene
Concen: 48.706 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107840.D
Acq: 31 Jul 2018 9:44

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.9	10.9	16.3





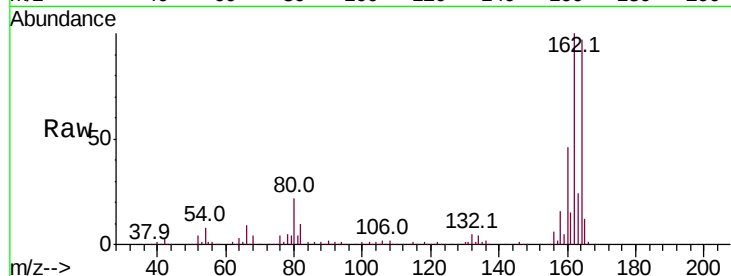
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107840.D
 Acq: 31 Jul 2018 9:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-3BDL

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.5	38.3	57.5

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:18 PM

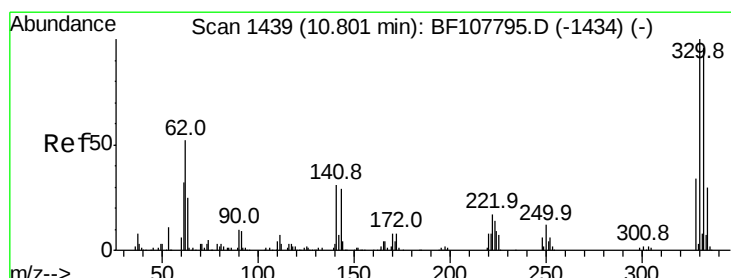
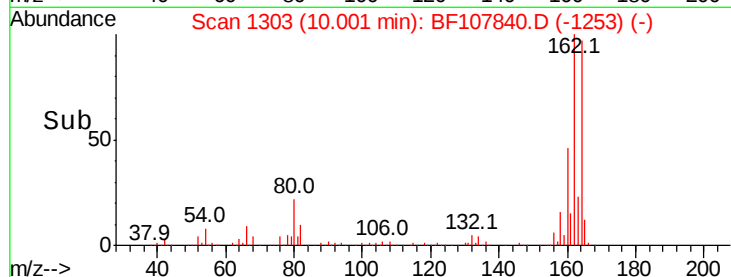
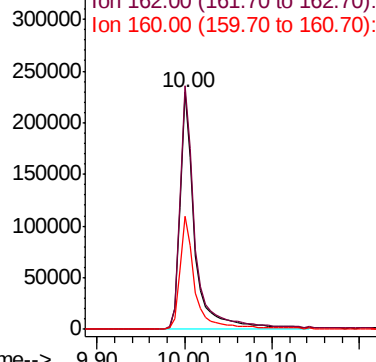


Abundance

Ion 164.00 (163.70 to 164.70): E

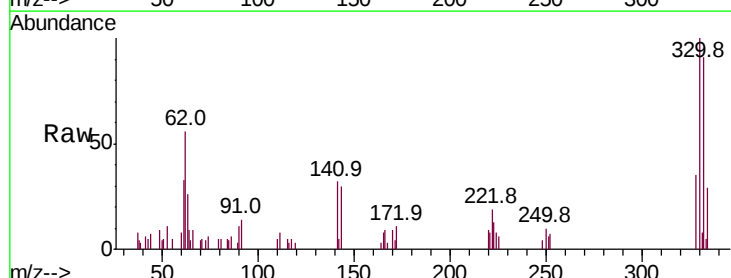
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 5.657 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107840.D
 Acq: 31 Jul 2018 9:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.8	77.0	115.6
141	26.7	29.9	44.9#

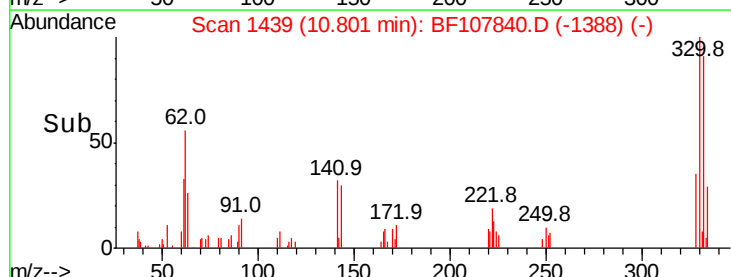
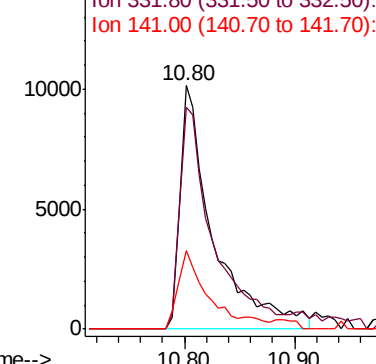


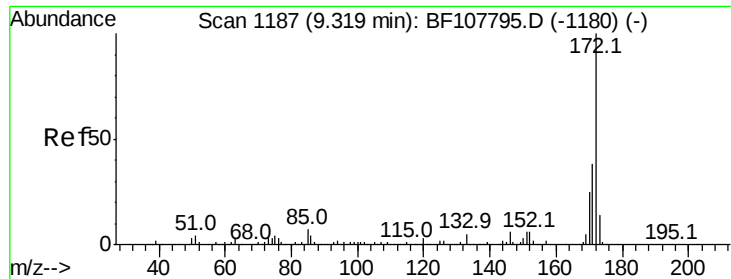
Abundance

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





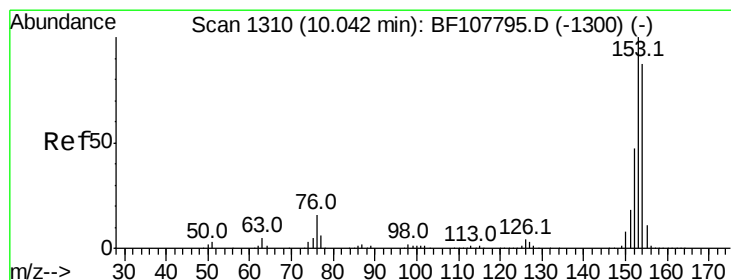
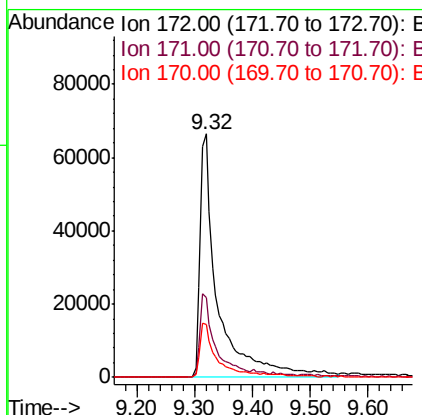
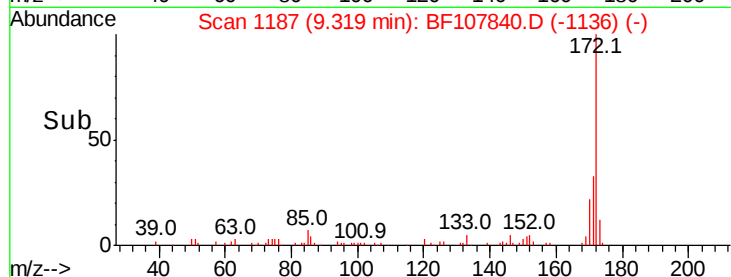
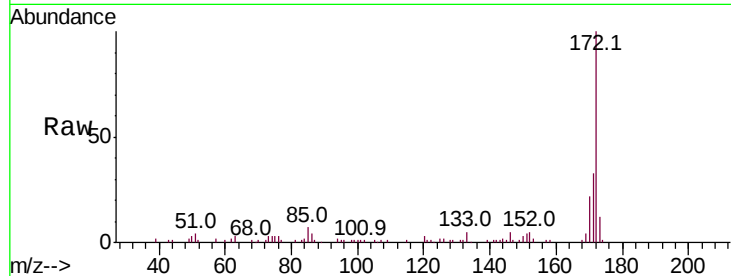
#44
2-Fluorobiphenyl
Concen: 7.401 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107840.D
Acq: 31 Jul 2018 9:44

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.7	29.7	44.5
170	21.8	19.6	29.4

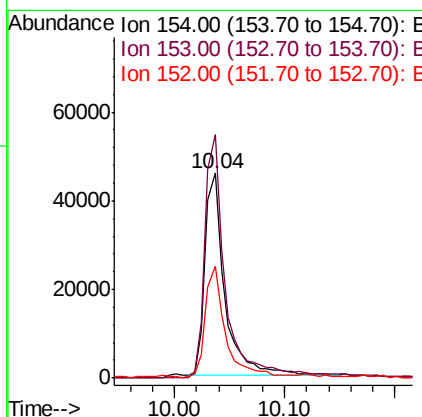
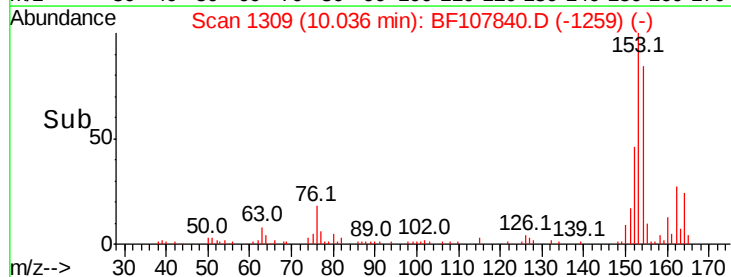
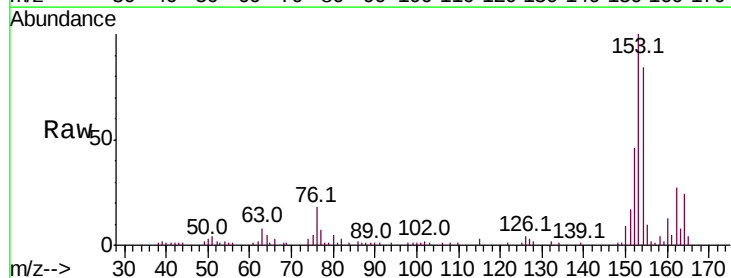
Manual Integrations
APPROVED

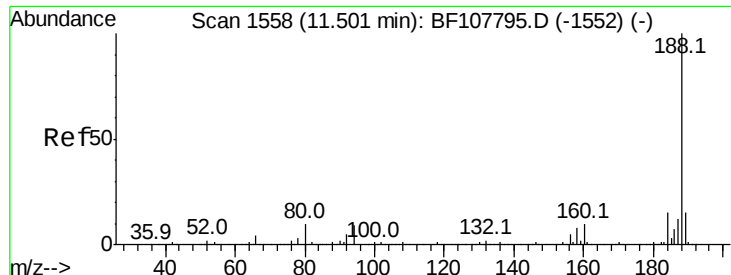
Sohil
7/31/2018 2:43:18 PM



#51
Acenaphthene
Concen: 3.337 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107840.D
Acq: 31 Jul 2018 9:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.9	91.2	136.8
152	54.9	43.8	65.8





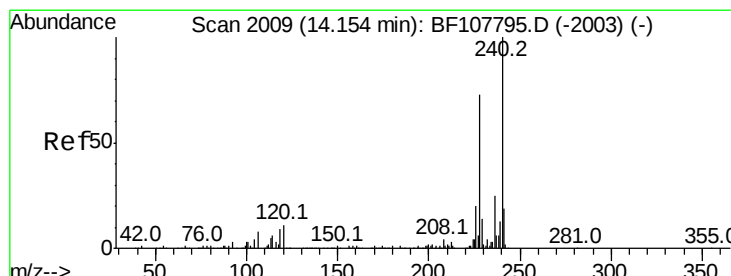
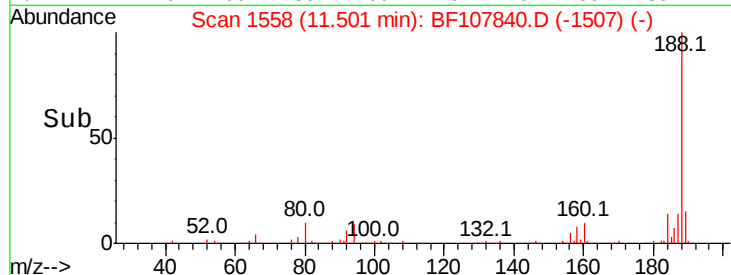
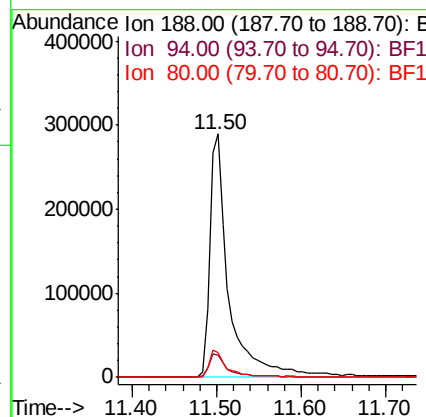
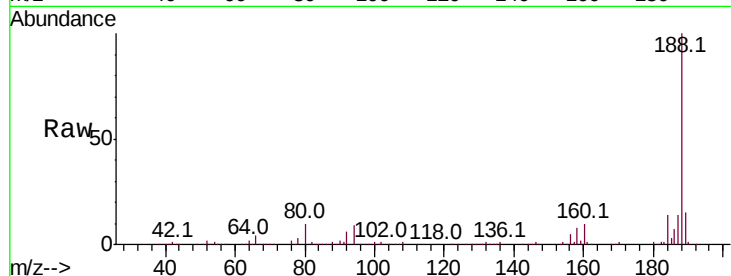
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107840.D
Acq: 31 Jul 2018 9:44

Instrument :
BNA_F
ClientSampleId :
MW-3BDL

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.2	8.5	12.7	
80	10.2	9.2	13.8	

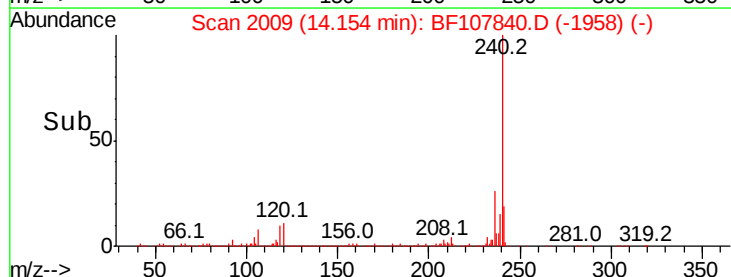
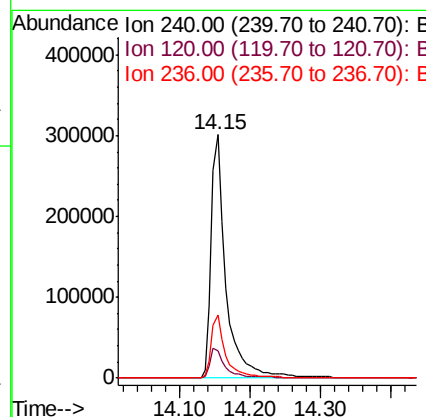
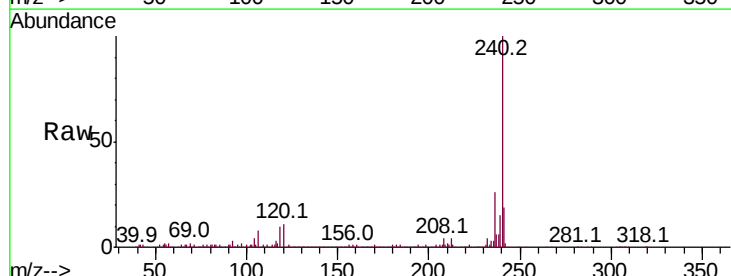
Manual Integrations
APPROVED

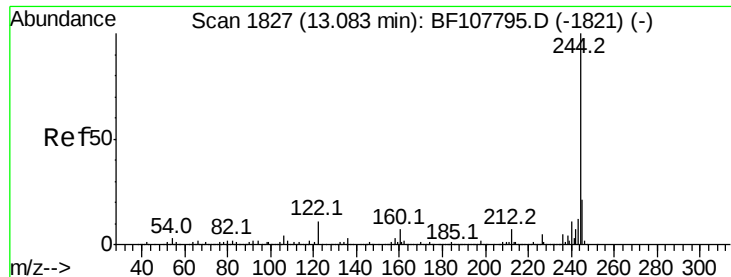
Sohil
7/31/2018 2:43:18 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107840.D
Acq: 31 Jul 2018 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.2	9.5	14.3	
236	26.1	20.7	31.1	





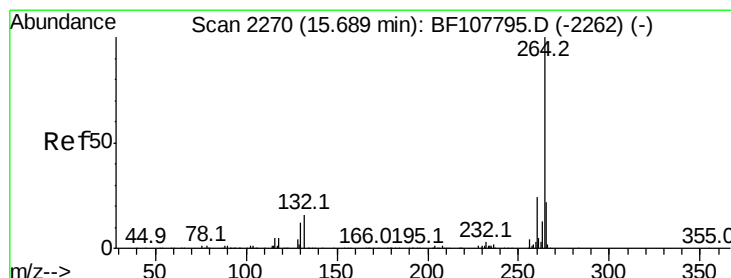
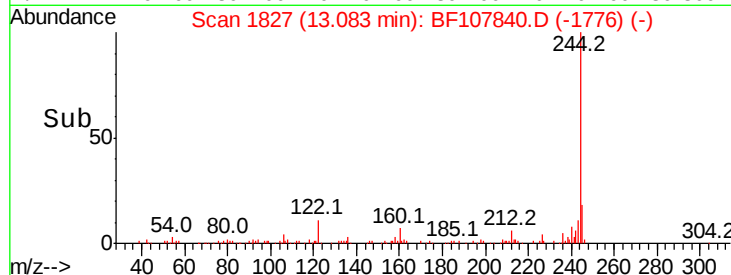
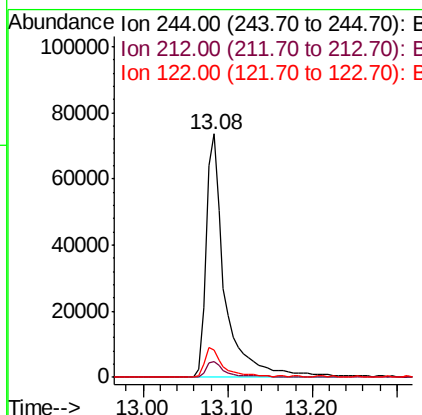
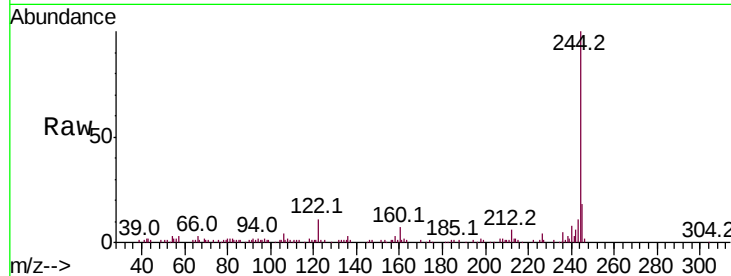
#78
 Terphenyl-d14
 Concen: 5.608 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF107840.D
 Acq: 31 Jul 2018 9:44

Instrument :
 BNA_F
 ClientSampled :
 MW-3BDL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.4	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:18 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF107840.D
 Acq: 31 Jul 2018 9:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3

