

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114223.D
 Acq On : 13 May 2019 12:47
 Operator : JU/SJ
 Sample : K2766-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:00 PM

Quant Time: May 14 04:56:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	295702	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1171103	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	565350	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1108237	20.00	ng	0.00
76) Chrysene-d12	14.02	240	710078	20.00	ng	0.00
87) Perylene-d12	15.51	264	688344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	916296	49.87	ng	0.00
7) Phenol-d6	6.49	99	1187981	54.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	898499	43.06	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	310782	53.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1343450	35.95	ng	0.00
79) Terphenyl-d14	12.95	244	1276222	37.05	ng	0.00
Target Compounds						
32) Benzoic acid	7.86	122	4712m	7.369	ng	Qvalue 100
50) Dimethylphthalate	9.60	163	322071	7.760	ng	

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

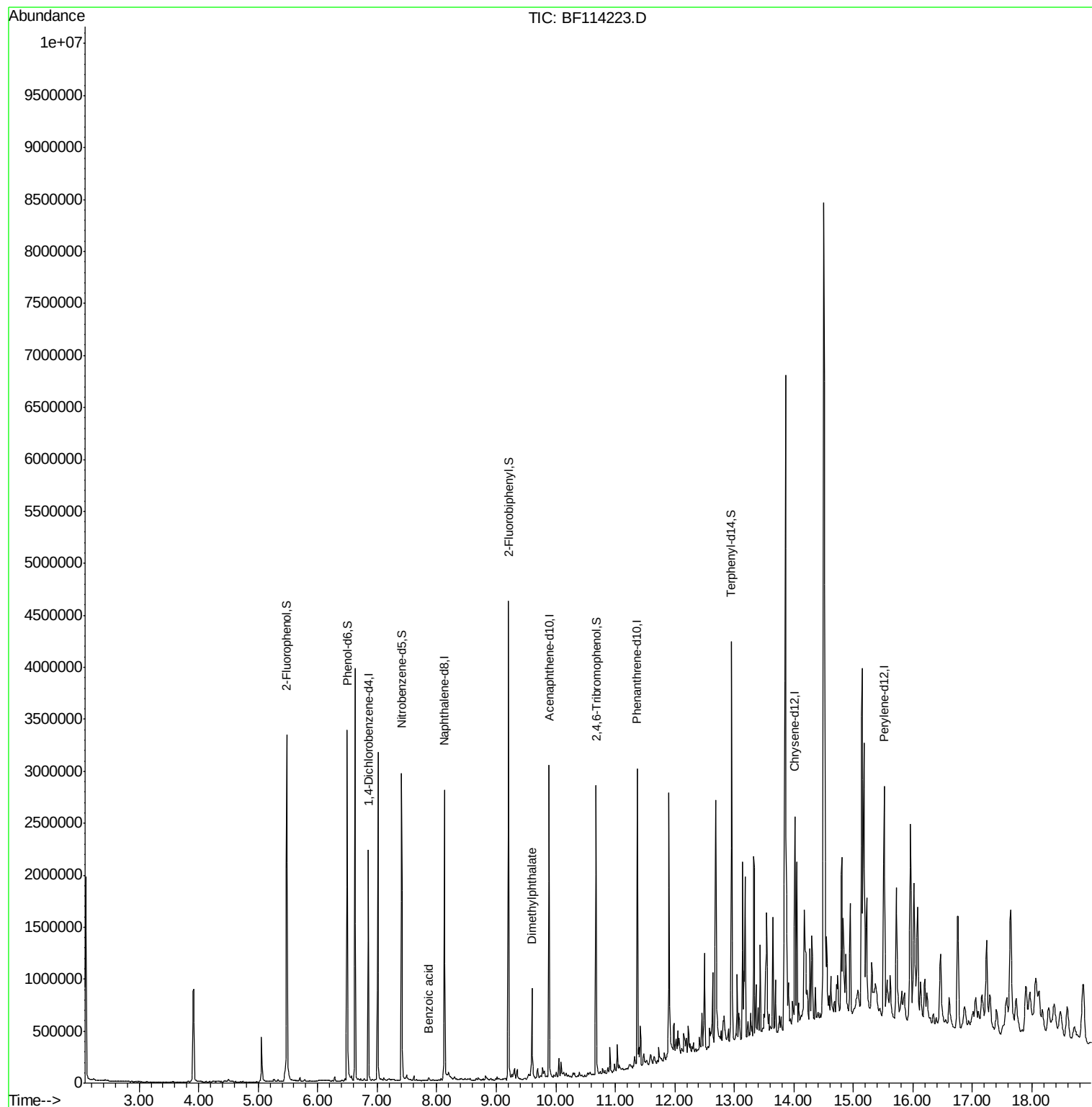
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114223.D
Acq On : 13 May 2019 12:47
Operator : JU/SJ
Sample : K2766-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

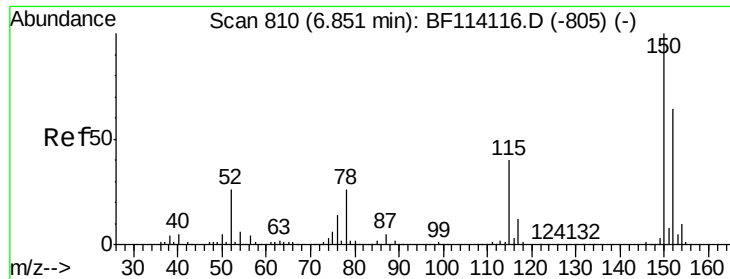
Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:00 PM

Quant Time: May 14 04:56:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

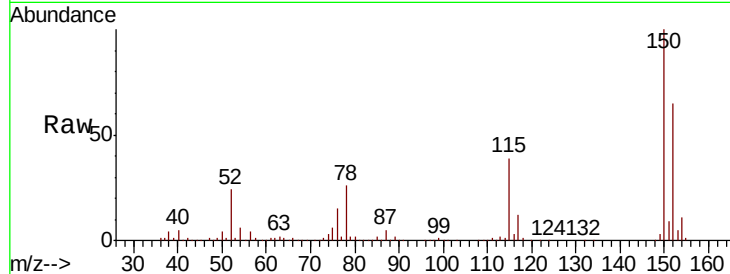
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	60.2	49.1	73.7

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:00 PM

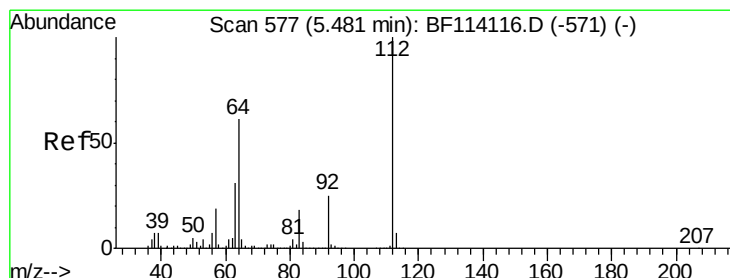
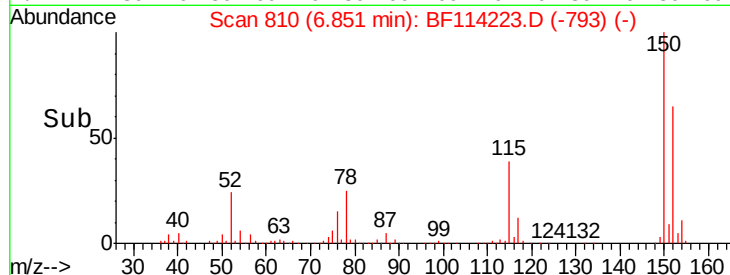
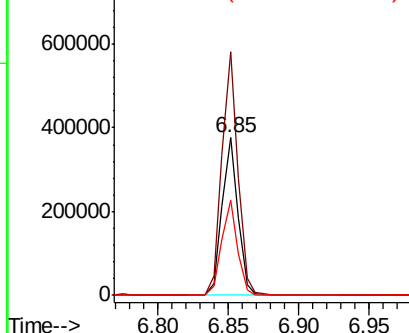


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

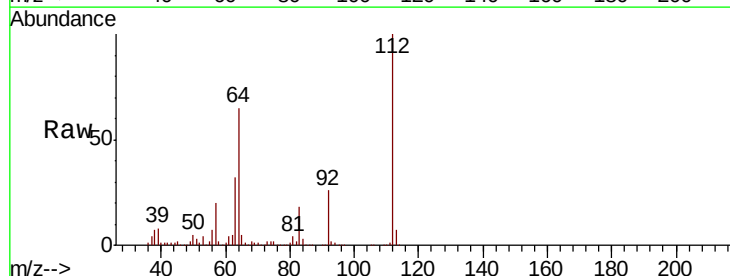
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.866 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	49.0	73.6
63	32.2	24.6	37.0

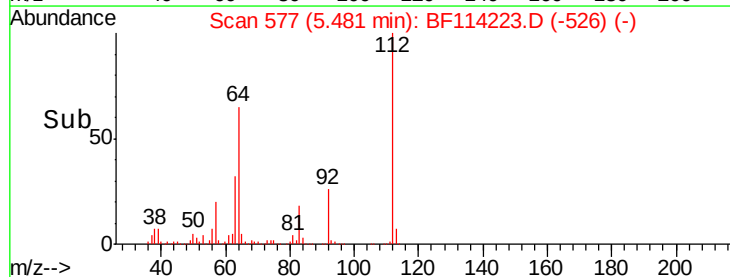
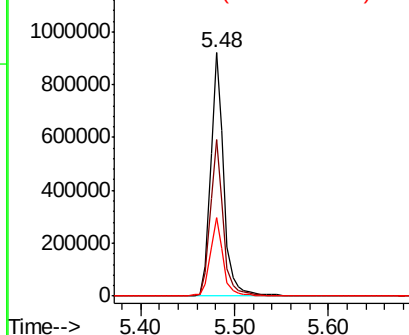


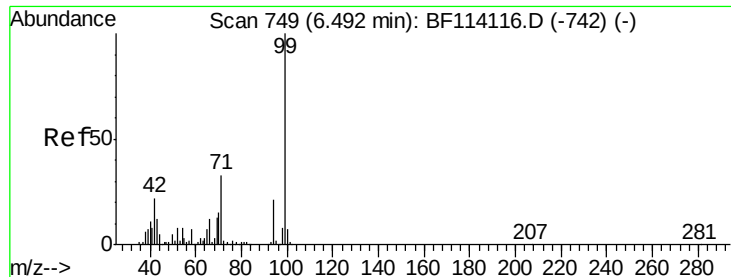
Abundance

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: 54.663 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01

Tot Ion: 99 Resp: 1187981

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

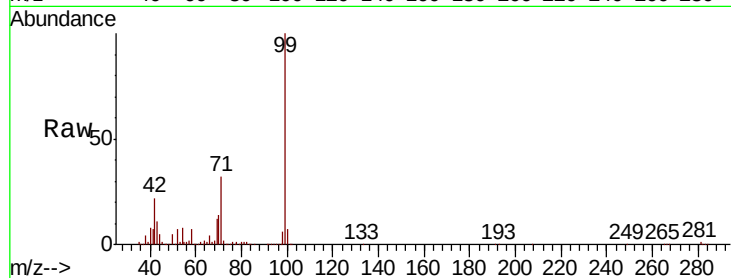
71 31.6 26.2 39.2

Manual Integrations

APPROVED

Sohil

5/14/2019 8:03:00 PM

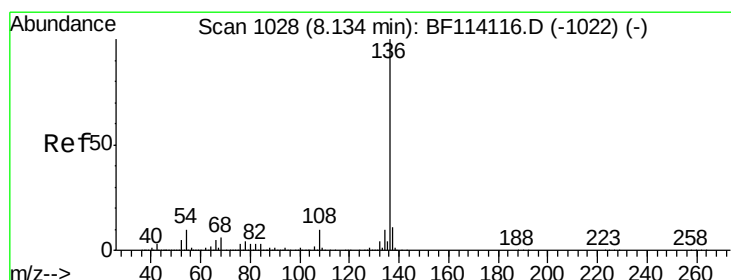
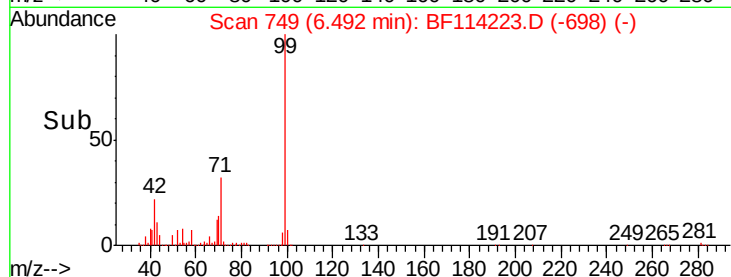
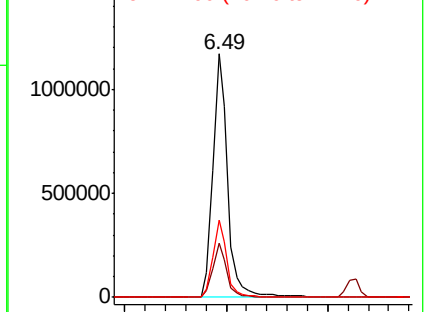


Abundance

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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

Tgt Ion: 136 Resp: 1171103

Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 7.8 11.8

68 6.4 5.1 7.7

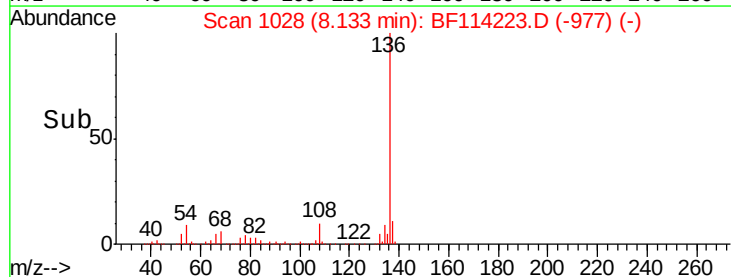
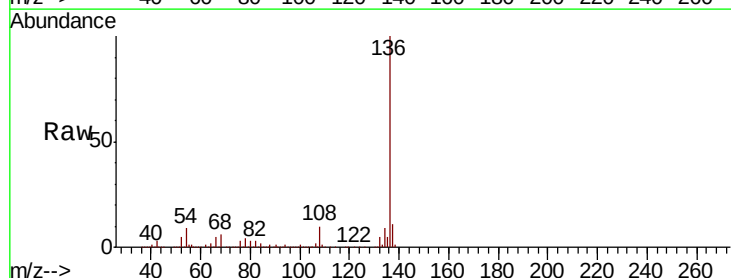
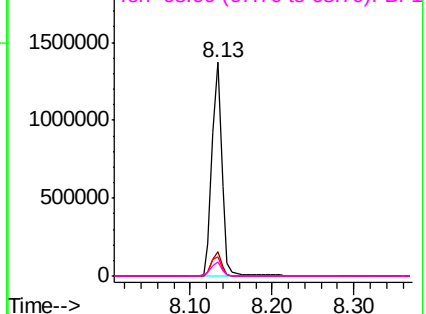
Abundance

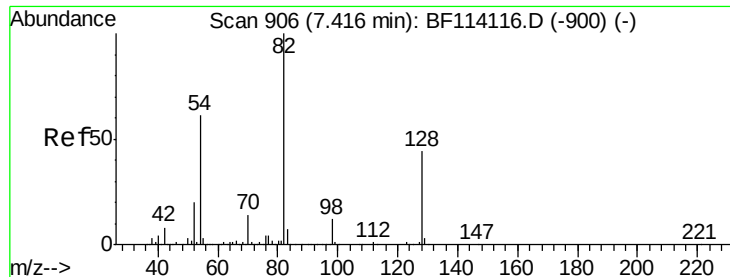
Ion 136.00 (135.70 to 136.70): E

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





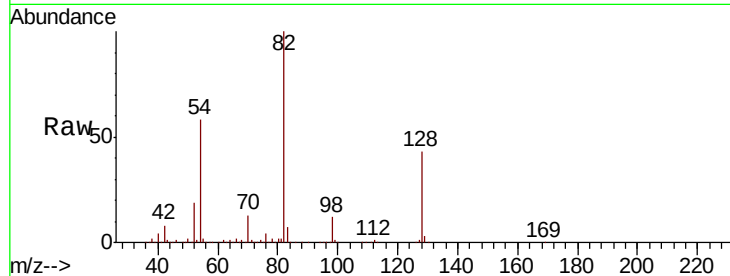
#23
Nitrobenzene-d5
Concen: 43.057 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

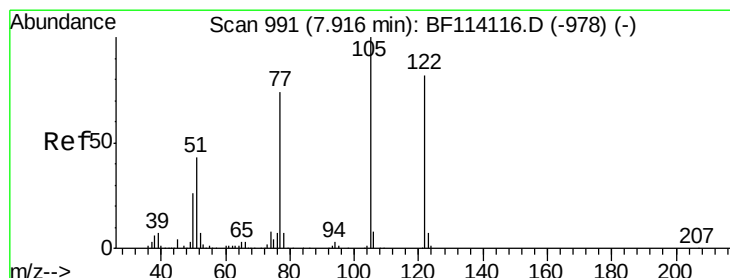
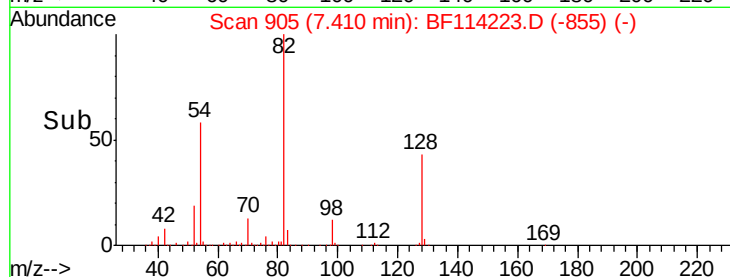
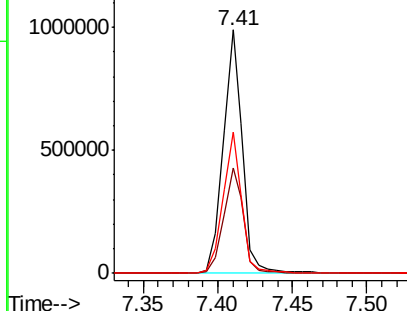
Tot Ion	Ratio	Resp	Lower	Upper
82	100	898499		
128	43.4	35.5	53.3	
54	57.8	48.5	72.7	

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:00 PM



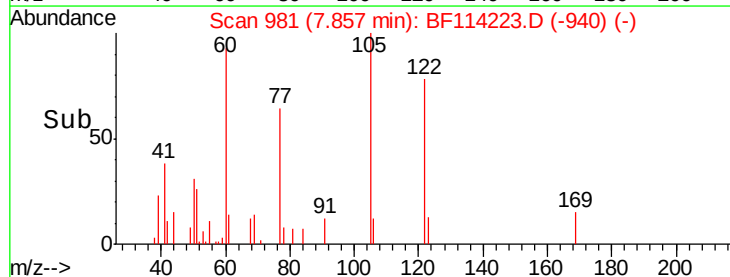
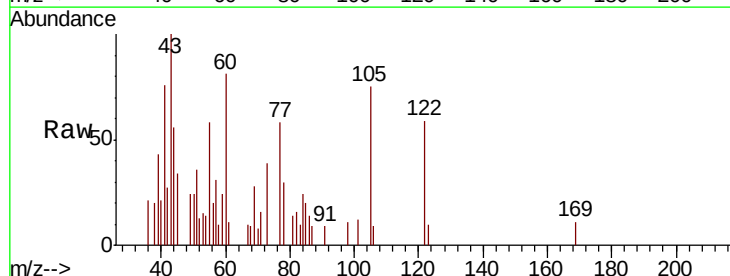
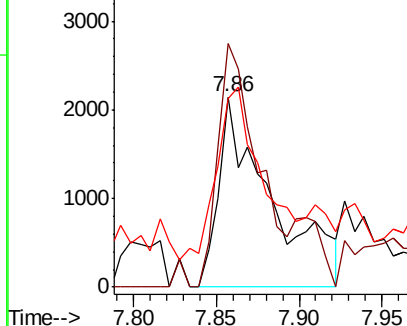
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

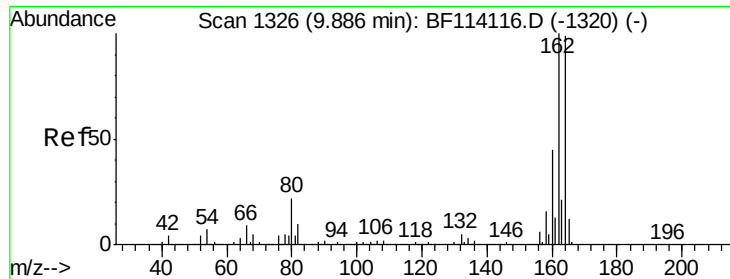


#32
Benzoic acid
Concen: 7.369 ng m
RT: 7.86 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	4712		
105	128.2	99.9	139.9	
77	99.1	69.4	109.4	

Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1





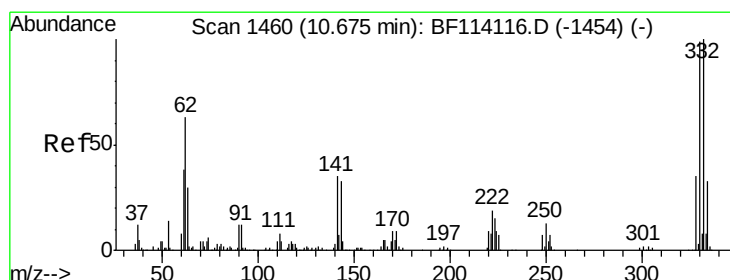
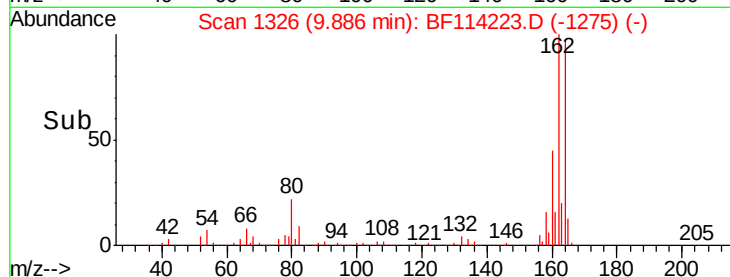
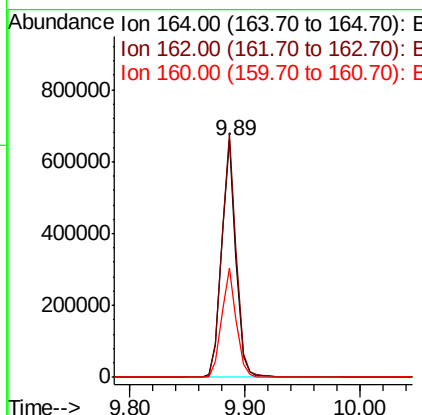
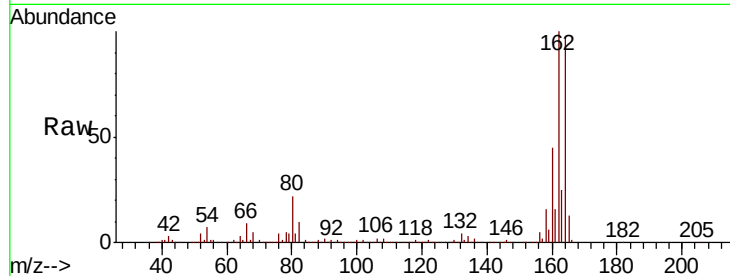
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

Tot Ion	164	Resp	565350
Ion Ratio	Lower	Upper	
164	100		
162	102.8	80.6	120.8
160	46.3	36.5	54.7

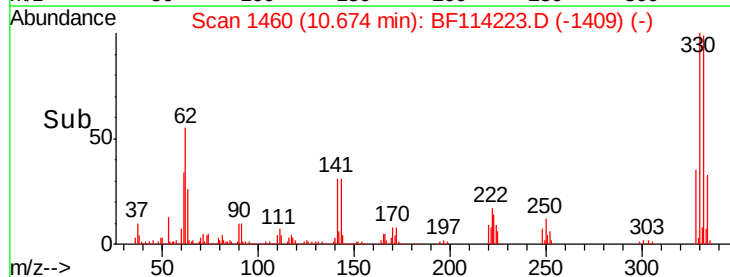
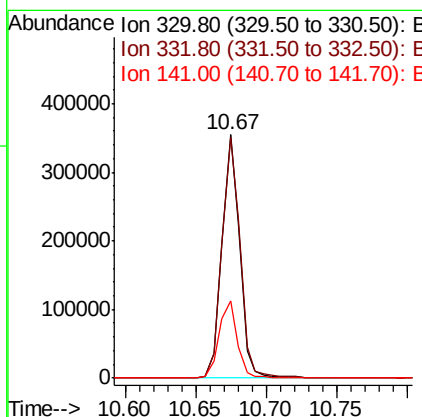
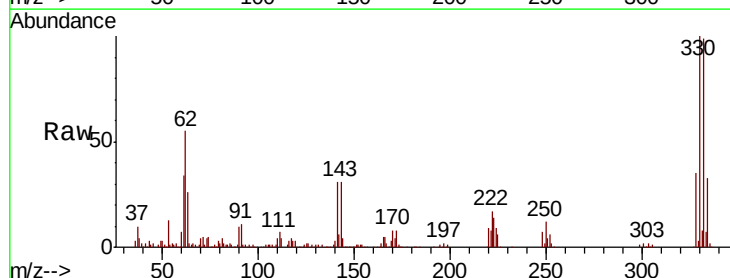
Manual Integrations
APPROVED

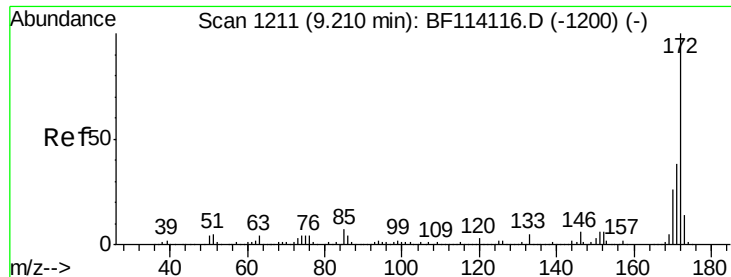
Sohil
5/14/2019 8:03:00 PM



#42
2,4,6-Tribromophenol
Concen: 53.173 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Tgt Ion	330	Resp	310782
Ion Ratio	Lower	Upper	
330	100		
332	101.3	81.4	122.2
141	32.9	26.6	40.0





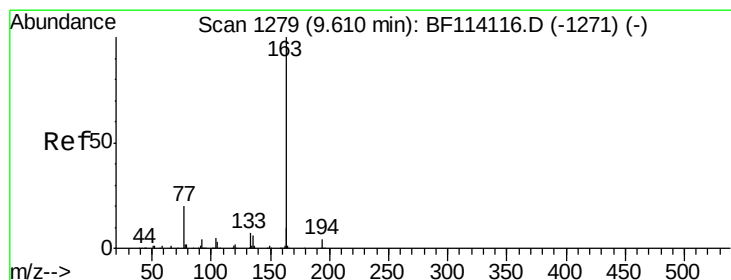
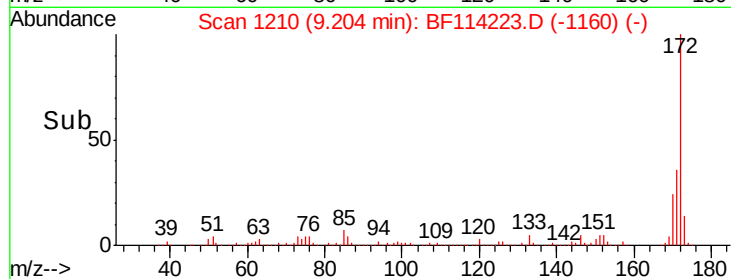
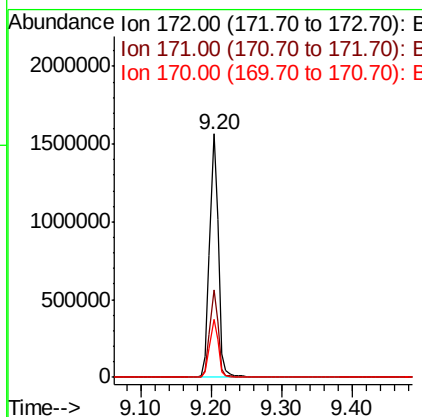
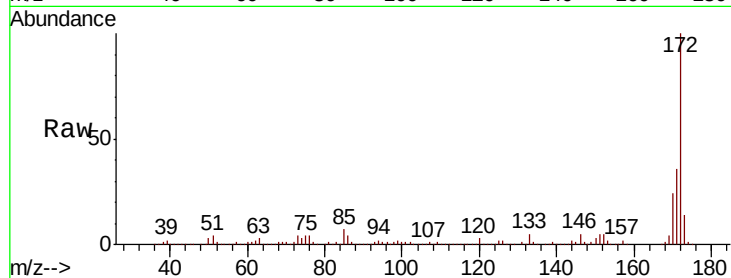
#45
2-Fluorobiphenyl
Concen: 35.946 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.7	46.1
170	23.7	20.5	30.7

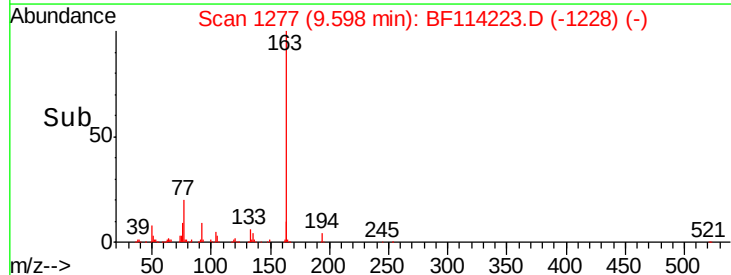
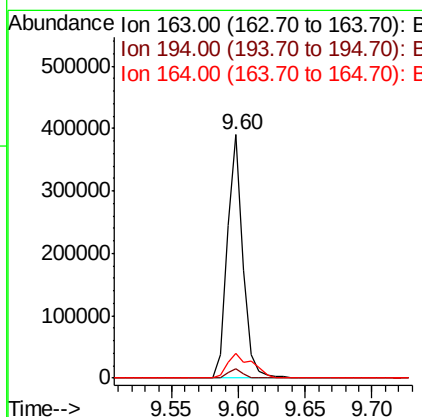
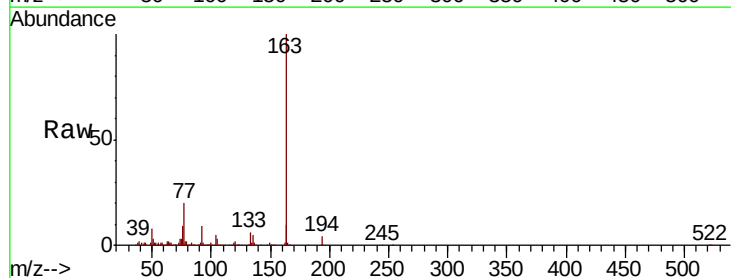
Manual Integrations
APPROVED

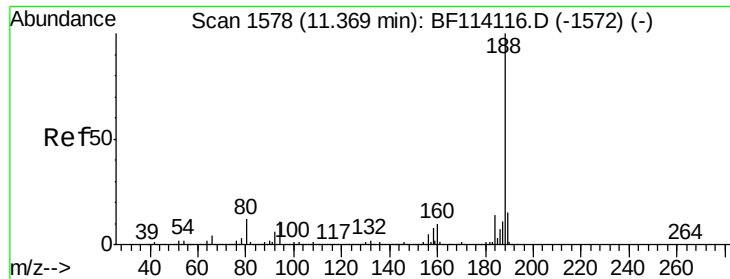
Sohil
5/14/2019 8:03:00 PM



#50
Dimethylphthalate
Concen: 7.760 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.2	8.2	12.2





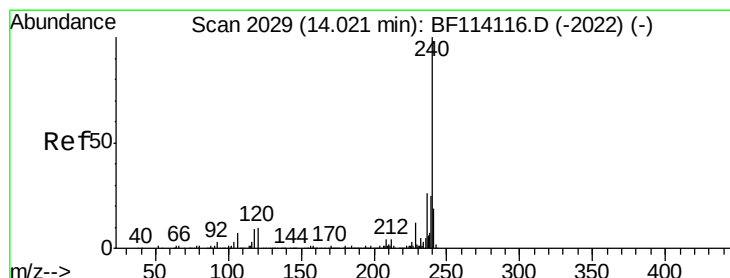
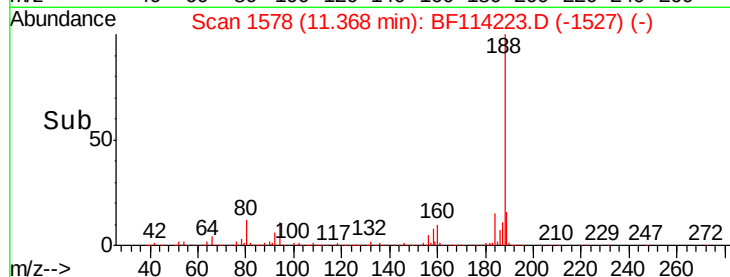
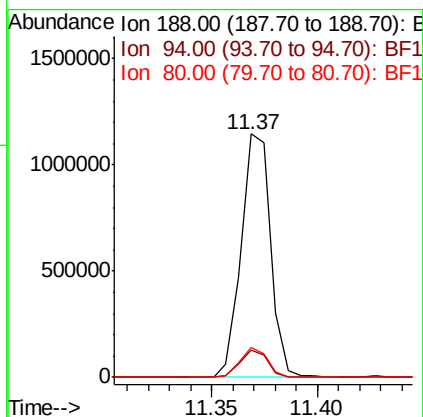
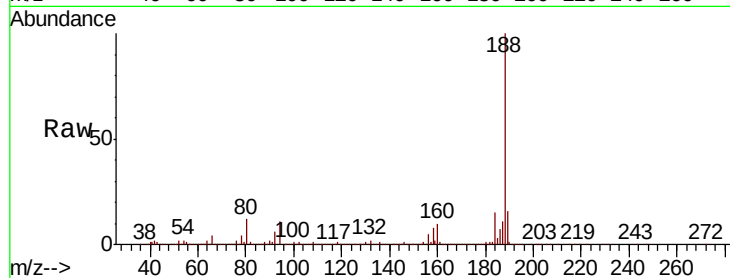
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01

Tot Ion	188	Resp	1108237
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.4	12.6
80	12.3	9.2	13.8

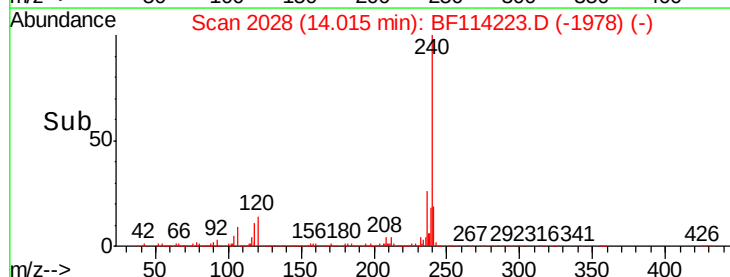
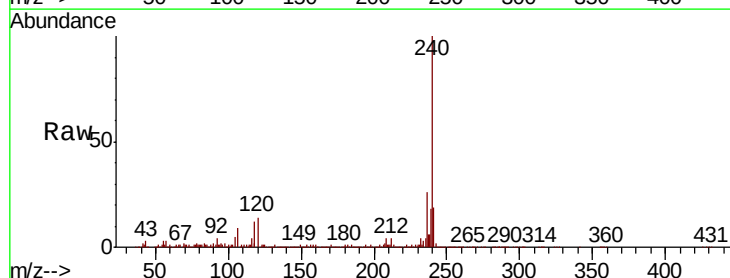
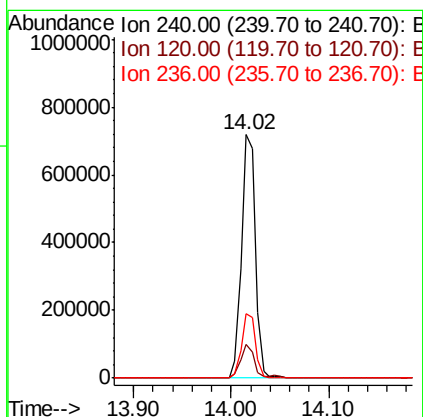
Manual Integrations
APPROVED

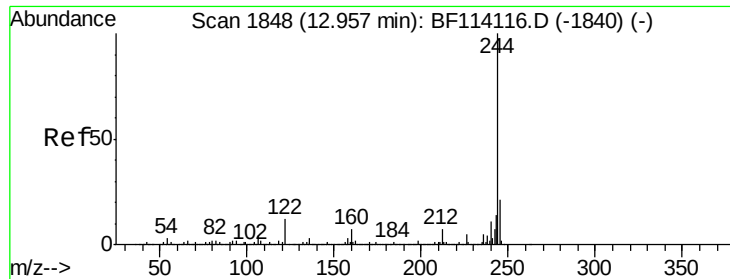
Sohil
5/14/2019 8:03:00 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114223.D
Acq: 13 May 2019 12:47

Tgt Ion	240	Resp	710078
Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.3	12.5#
236	26.5	20.8	31.2





#79

Terphenyl-d14

Concen: 37.050 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01

Tot Ion:244 Resp: 1276222

Ion Ratio Lower Upper

244 100

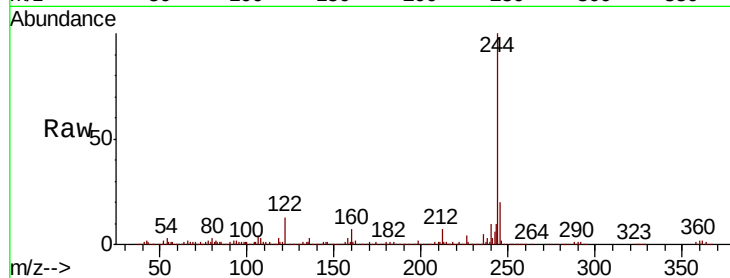
212 6.6 5.8 8.6

122 13.4 9.4 14.2

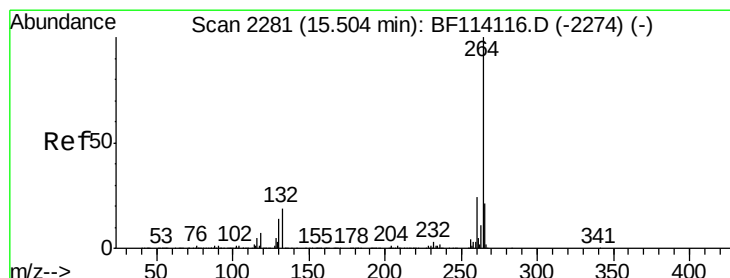
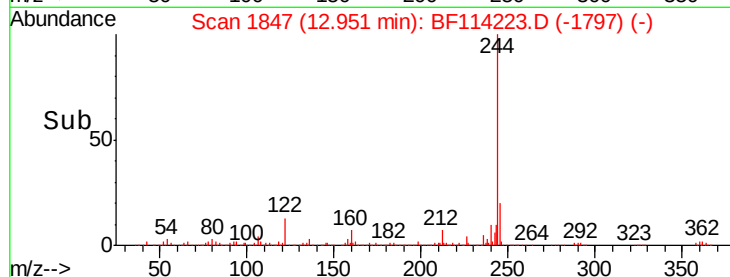
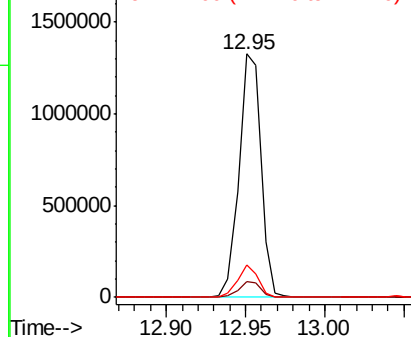
Manual Integrations
APPROVED

Sohil

5/14/2019 8:03:00 PM



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114223.D

Acq: 13 May 2019 12:47

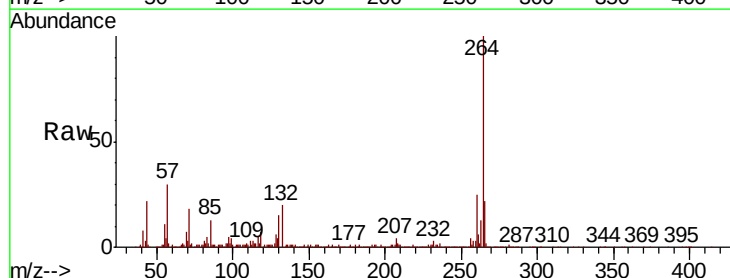
Tgt Ion:264 Resp: 688344

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

265 22.5 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

