

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106919.D
 Acq On : 28 Jun 2018 14:36
 Operator : JU/SJ
 Sample : J3570-03RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:37 PM

Quant Time: Jun 28 17:31:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79428	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	309783	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	158012	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	292160	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	206507	20.00	ng	-0.02
86) Perylene-d12	15.70	264	228377	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	36020	7.68	ng	0.00
7) Phenol-d6	6.59	99	201564	34.41	ng	-0.02
23) Nitrobenzene-d5	7.52	82	336144	60.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	13377	7.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	597236	59.56	ng	-0.02
78) Terphenyl-d14	13.07	244	552932	64.86	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	82186	6.935	ng	# 96
74) Fluoranthene	12.71	202	39337	2.533	ng	96
77) Pyrene	12.94	202	51685	3.795	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	17101	2.389	ng	# 88

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

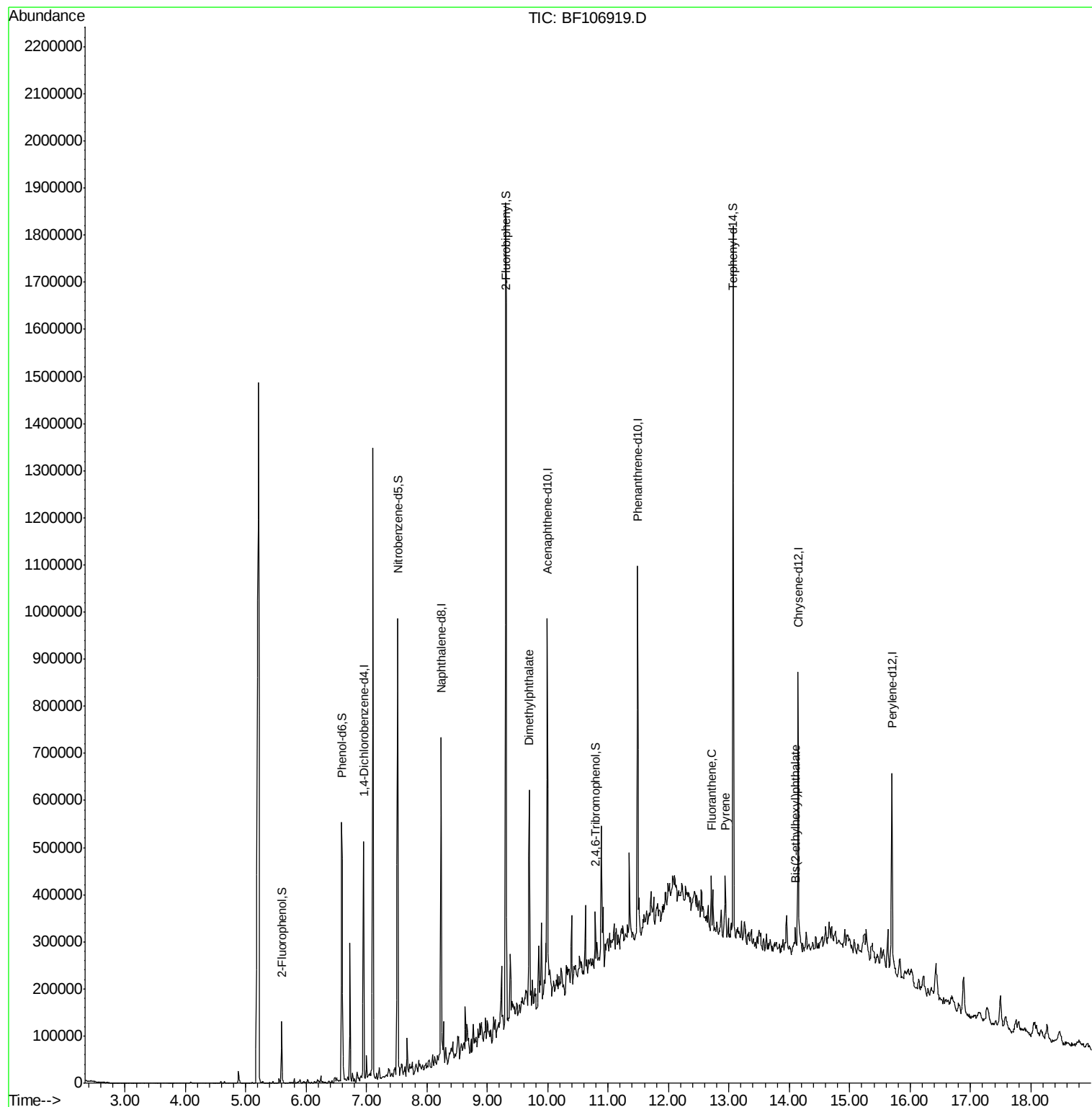
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106919.D
Acq On : 28 Jun 2018 14:36
Operator : JU/SJ
Sample : J3570-03RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

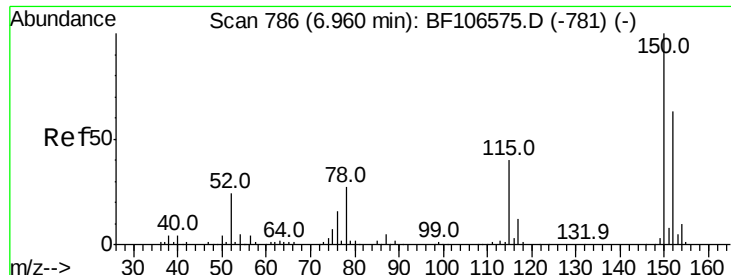
Instrument :
BNA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:37 PM

Quant Time: Jun 28 17:31:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration





#1

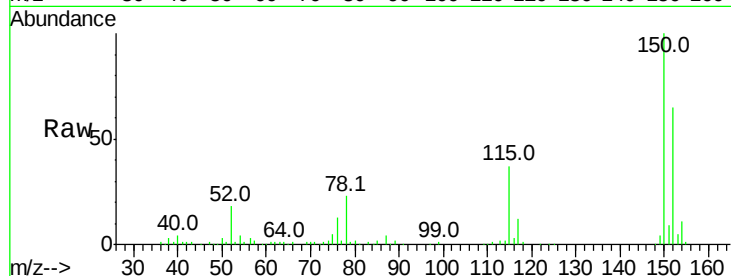
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106919.D
Acq: 28 Jun 2018 14:36

Instrument :
BNA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	56.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:37 PM

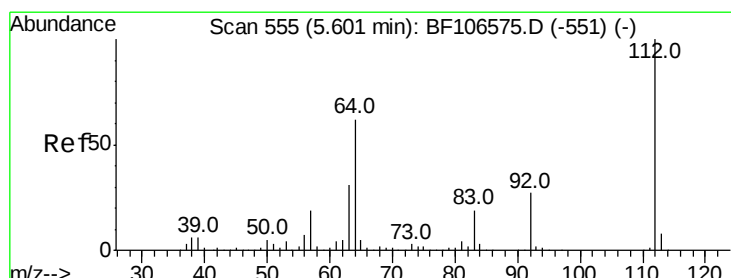
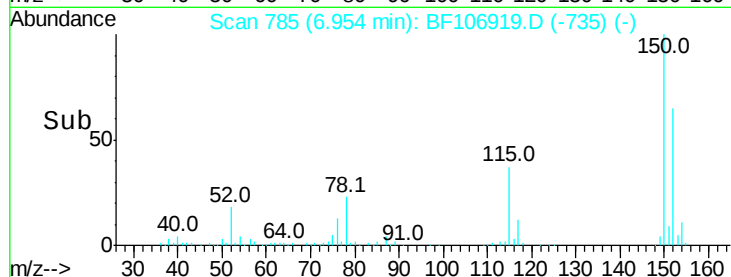
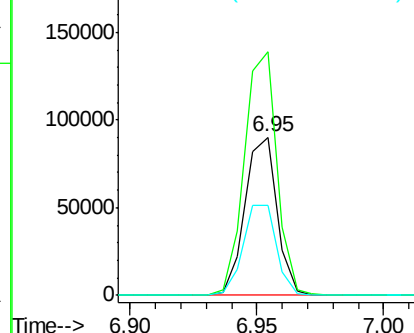


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

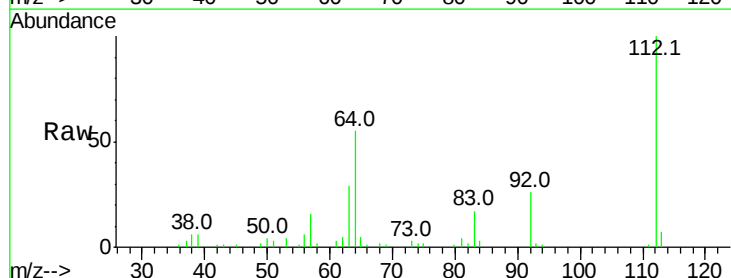
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.679 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106919.D
Acq: 28 Jun 2018 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	29.5	23.7	35.5

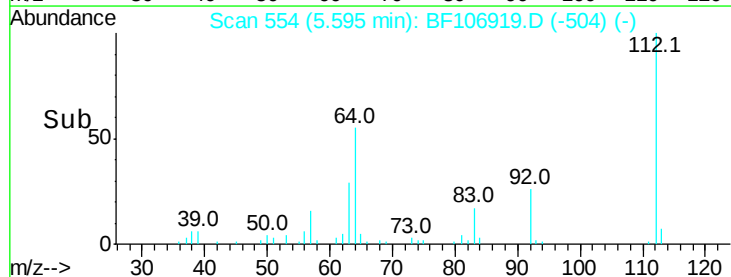
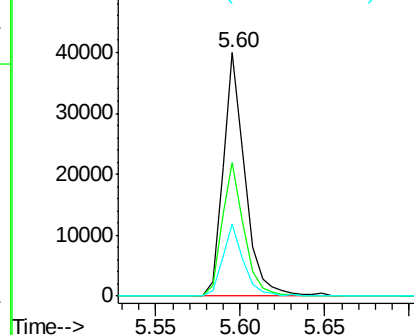


Abundance

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: 34.410 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106919.D

Acq: 28 Jun 2018 14:36

Instrument :

BNA_F

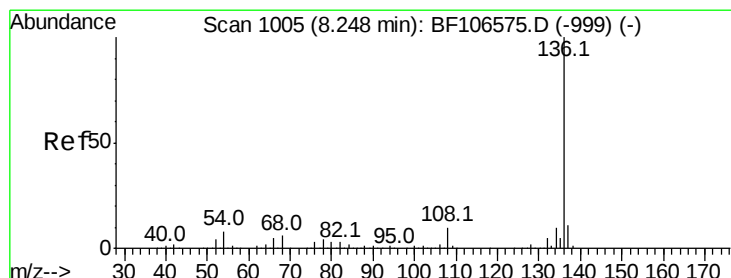
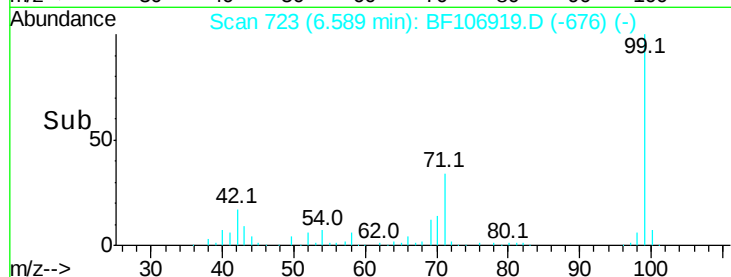
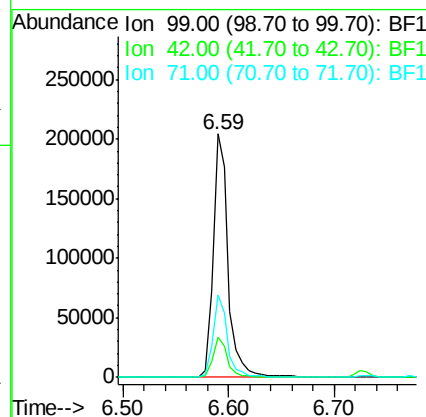
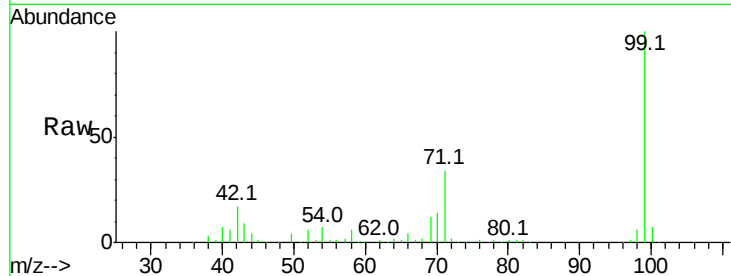
ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		201564		
42	16.7	14.5	21.7		
71	34.0	25.4	38.0		

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:37 PM



#21

Naphthalene-d8

Concen: 20.000 ng

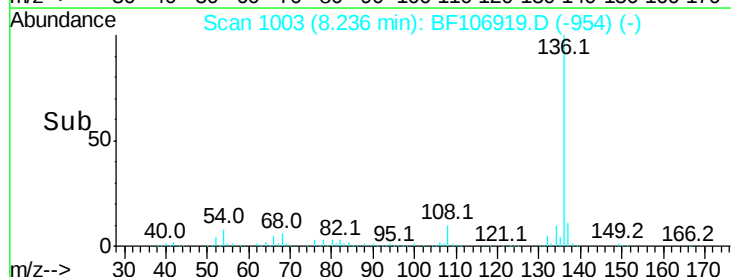
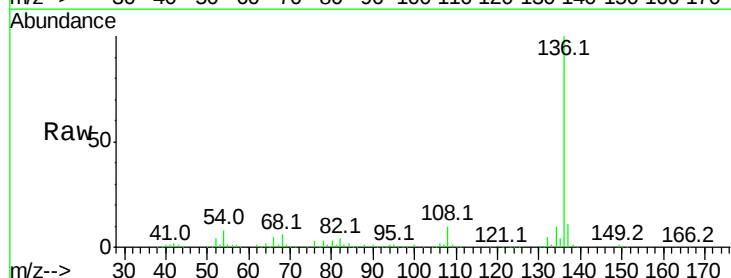
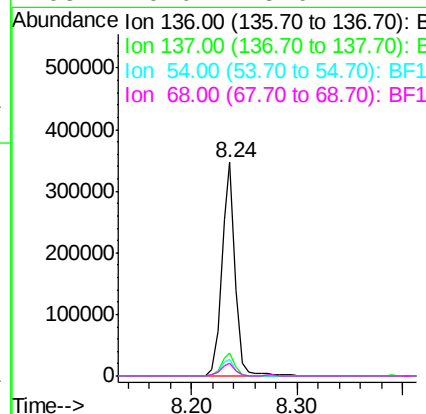
RT: 8.24 min Scan# 1003

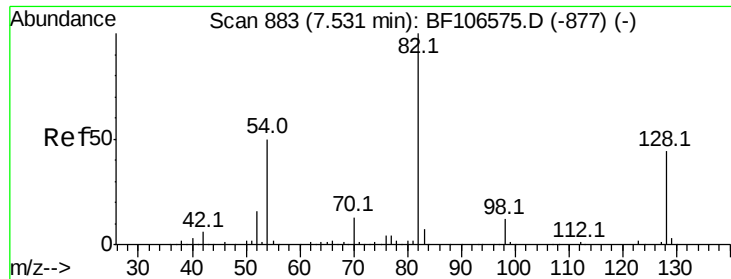
Delta R.T. -0.01 min

Lab File: BF106919.D

Acq: 28 Jun 2018 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		309783		
137	10.8	8.9	13.3		
54	7.6	6.6	9.8		
68	6.0	5.0	7.4		





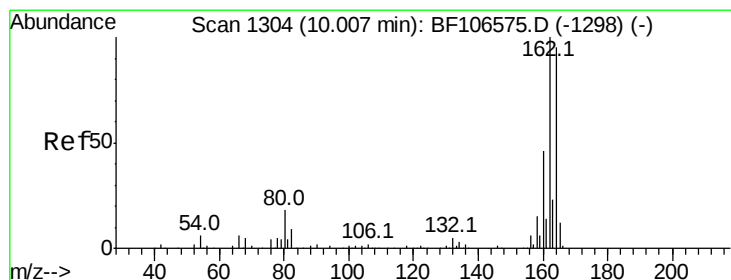
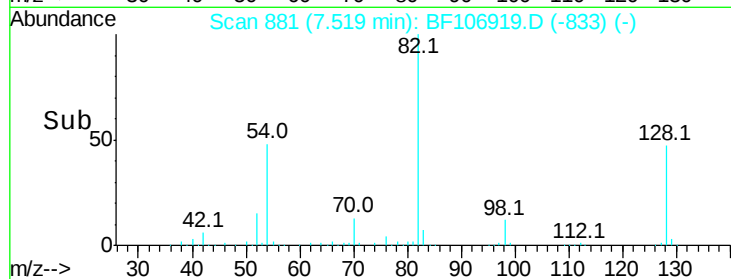
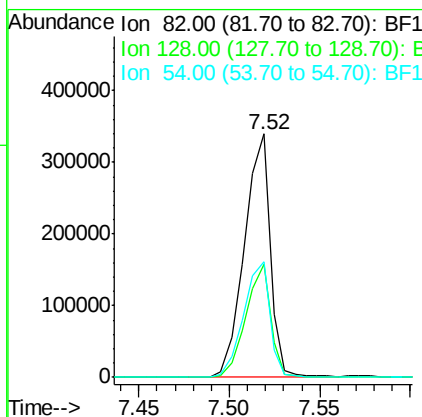
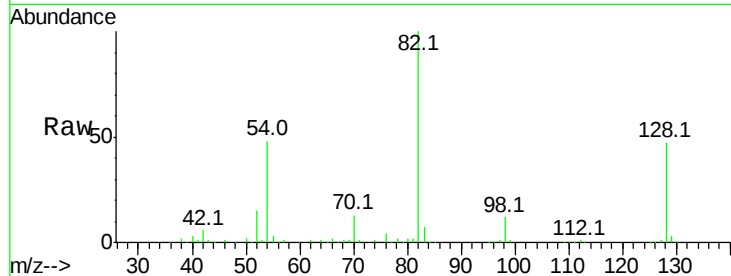
#23
Nitrobenzene-d5
Concen: 60.303 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106919.D
Acq: 28 Jun 2018 14:36

Instrument :
BNA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	47.6	41.4	62.2

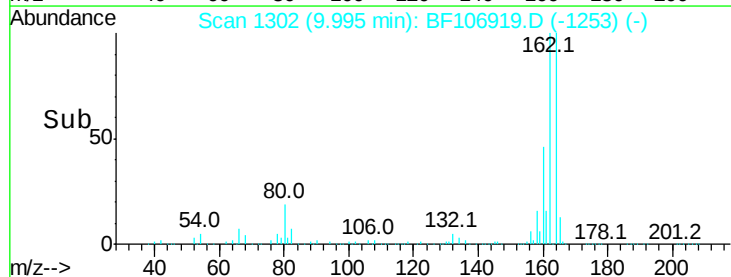
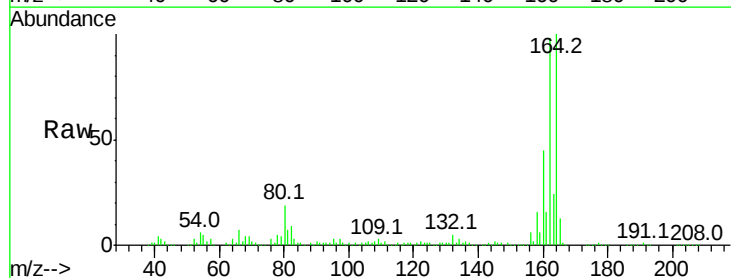
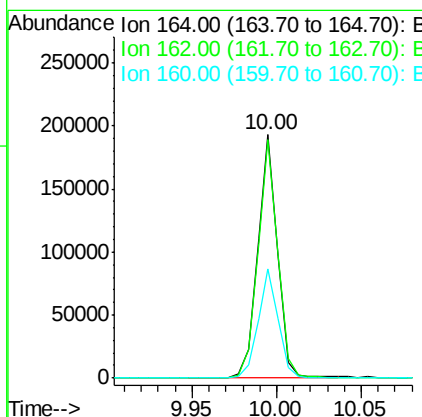
Manual Integrations
APPROVED

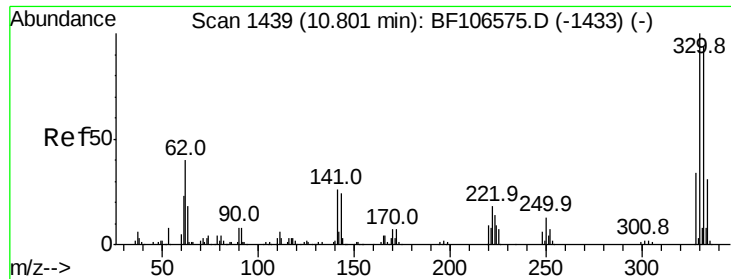
Sohil
6/29/2018 2:30:37 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106919.D
Acq: 28 Jun 2018 14:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	44.8	38.3	57.5





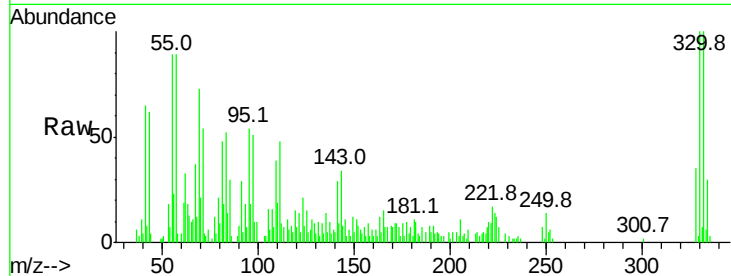
#41
 2,4,6-Tribromophenol
 Concen: 7.304 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106919.D
 Acq: 28 Jun 2018 14:36

Instrument :
 BNA_F
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	27.4	29.9	44.9

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:37 PM

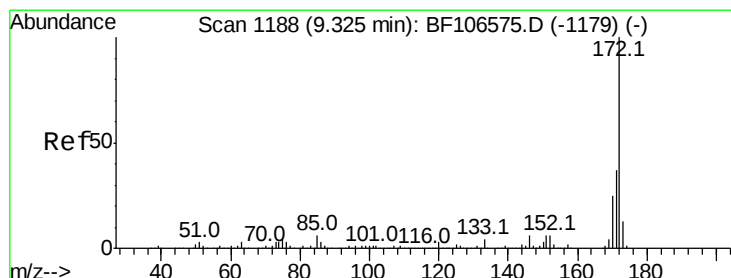
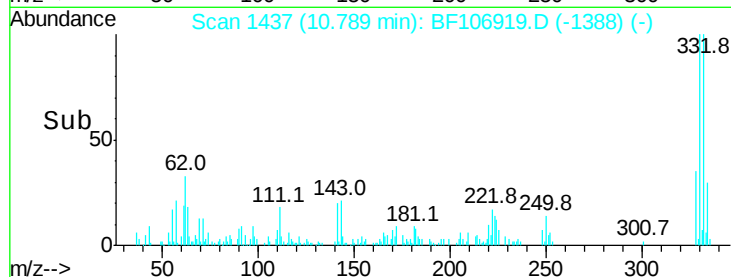
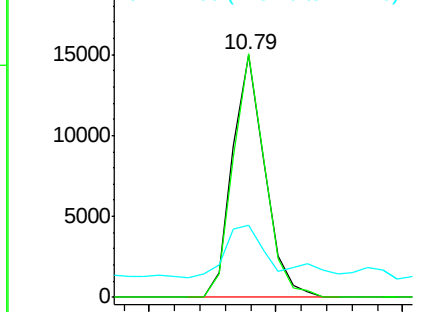


Abundance

Ion 329.80 (329.50 to 330.50): E

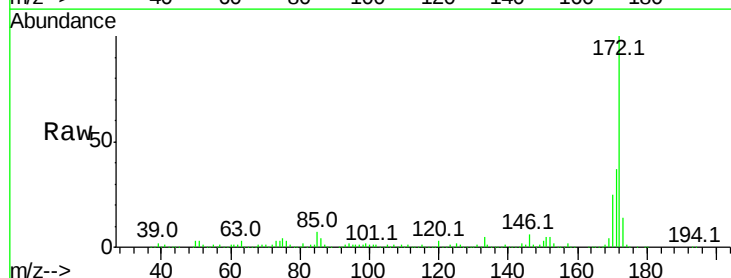
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 59.561 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106919.D
 Acq: 28 Jun 2018 14:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4

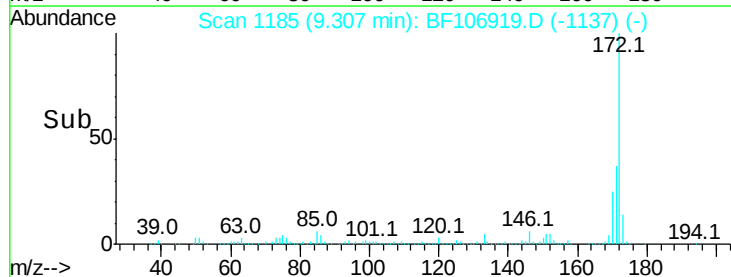
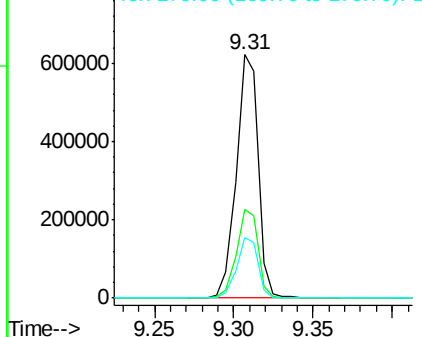


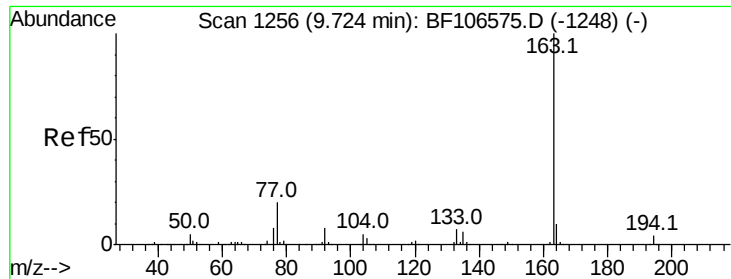
Abundance

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





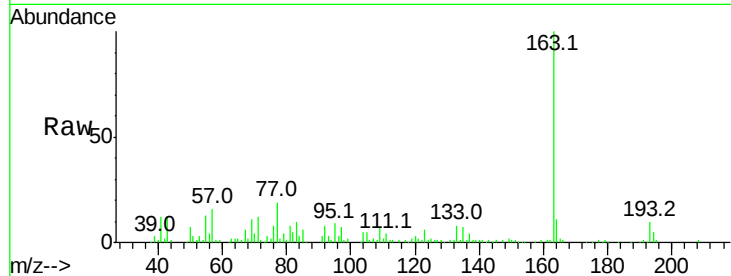
#49
Dimethylphthalate
Concen: 6.935 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106919.D
Acq: 28 Jun 2018 14:36

Instrument :
BNA_F
ClientSampleId :
20180373-AMENDED-COMPOSITE-

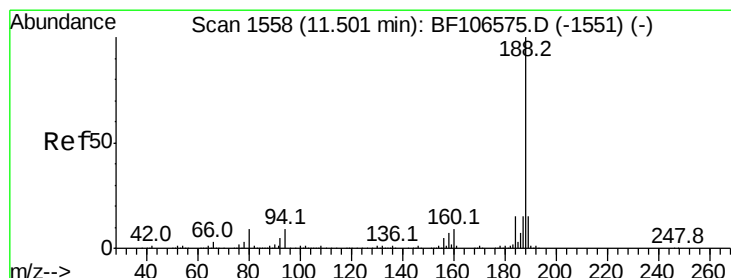
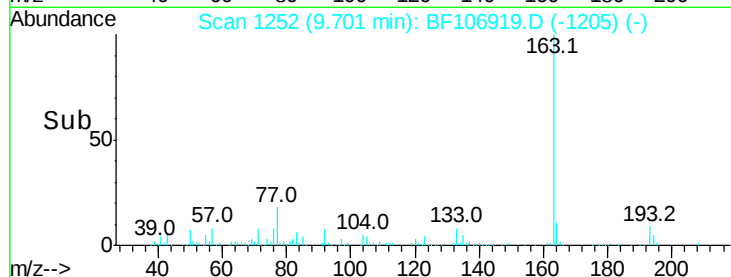
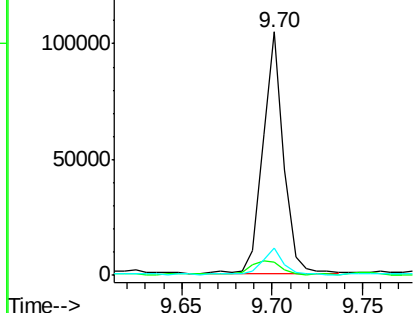
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.5	2.7	4.1#
164	11.3	8.2	12.2

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:37 PM

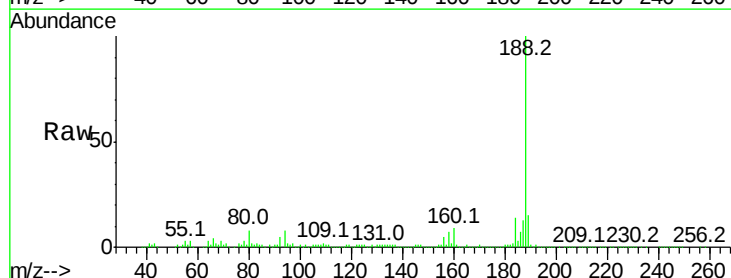


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

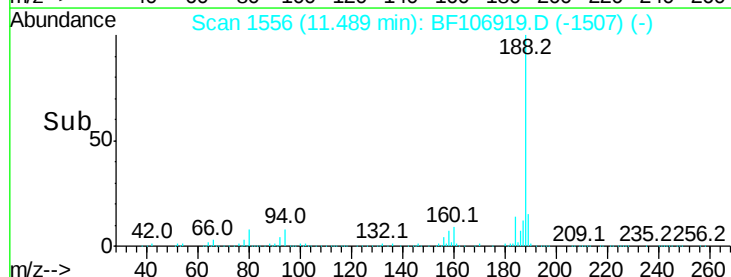
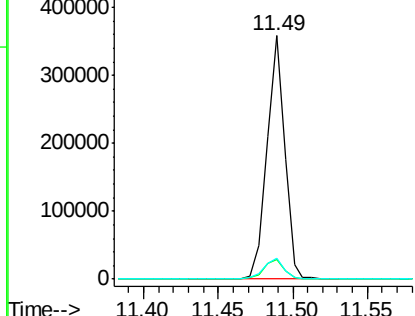


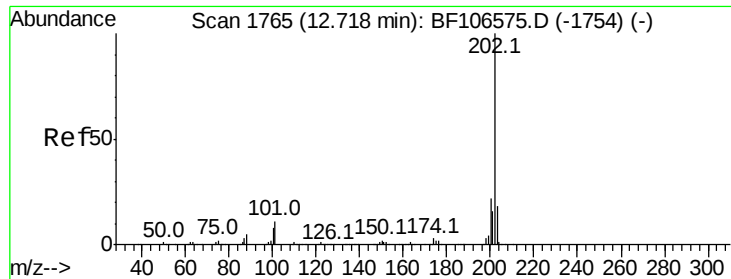
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106919.D
Acq: 28 Jun 2018 14:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.5	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.533 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106919.D

Acq: 28 Jun 2018 14:36

Instrument :

BNA_F

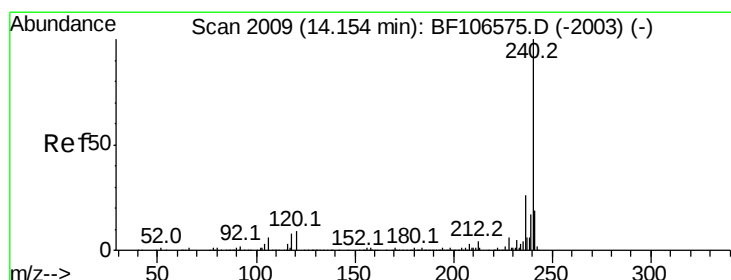
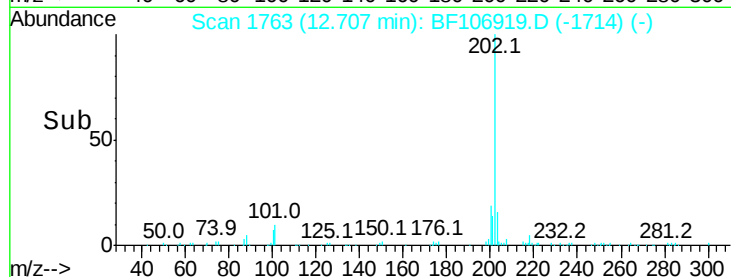
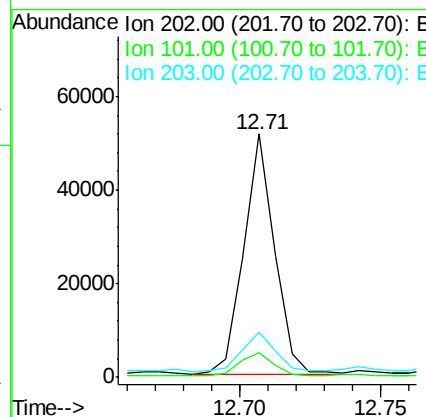
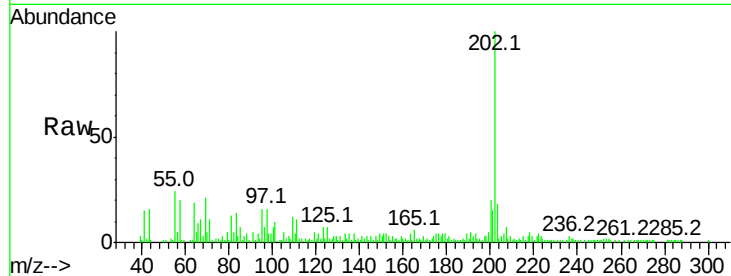
ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion:	202	Resp:	39337
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	18.3	0.0	38.1

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:37 PM



#75

Chrysene-d12

Concen: 20.000 ng

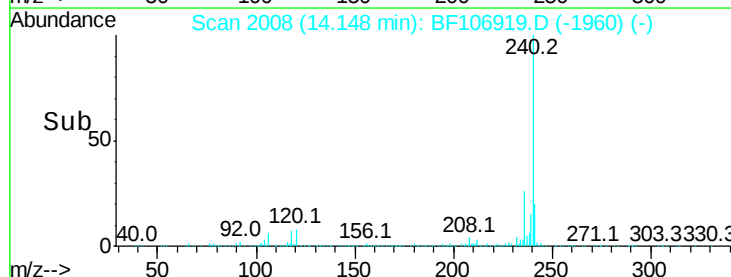
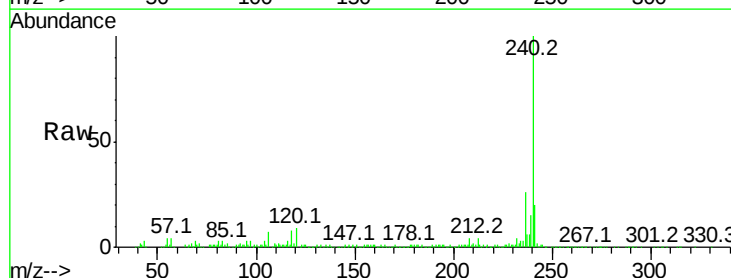
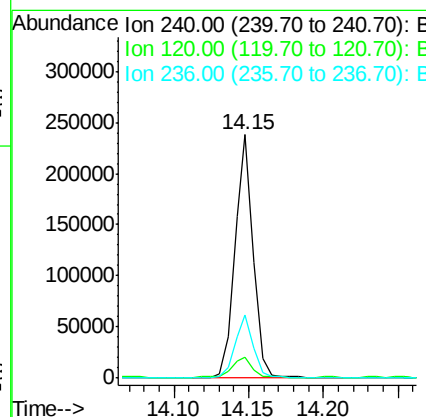
RT: 14.15 min Scan# 2008

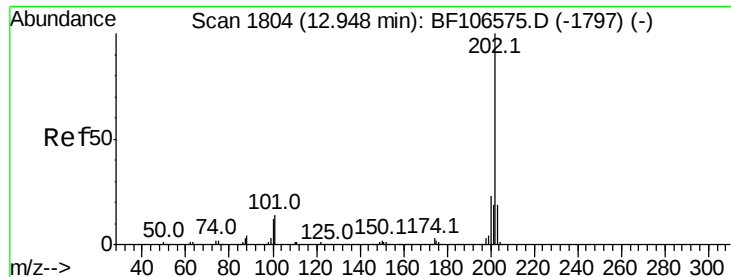
Delta R.T. -0.02 min

Lab File: BF106919.D

Acq: 28 Jun 2018 14:36

Tgt Ion:	240	Resp:	206507
Ion Ratio	Lower	Upper	
240	100		
120	8.7	9.5	14.3#
236	25.9	20.7	31.1





#77

Pvrene

Concen: 3.795 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106919.D

Acq: 28 Jun 2018 14:36

Instrument :

BNA_F

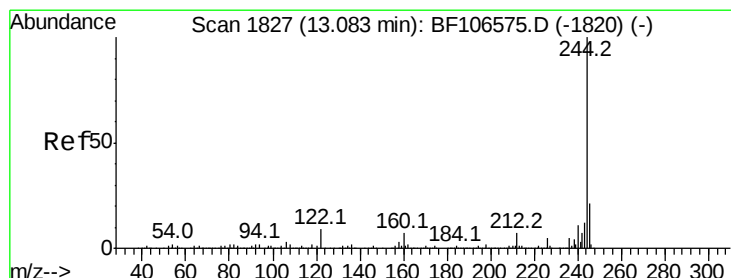
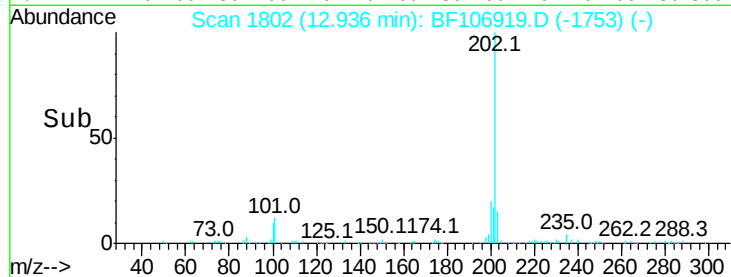
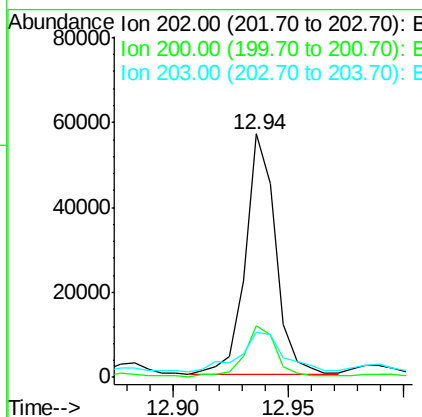
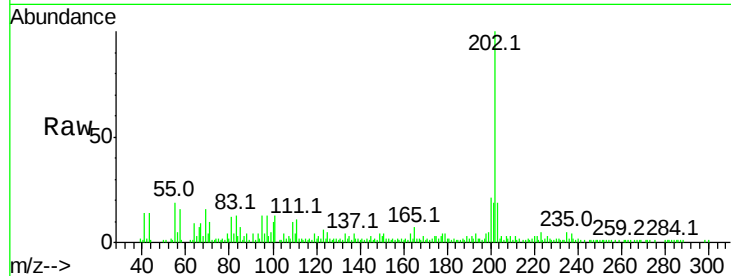
ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion:	202	Resp:	51685
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.8	14.3	21.5

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:37 PM



#78

Terphenyl-d14

Concen: 64.858 ng

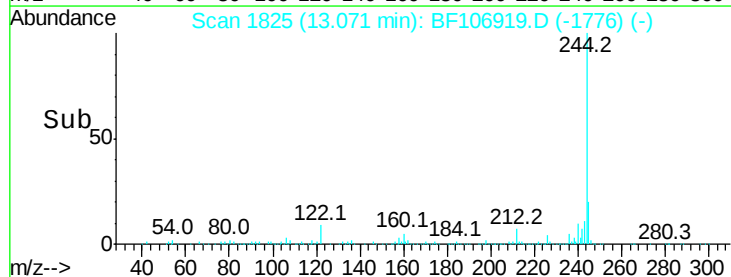
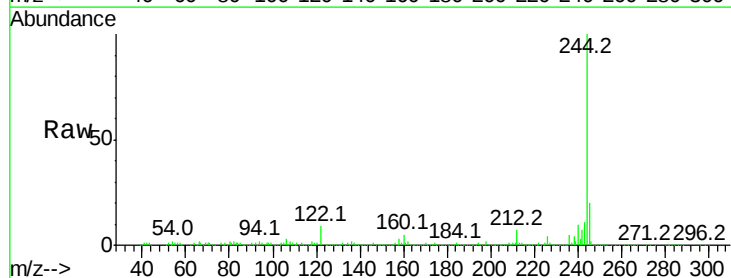
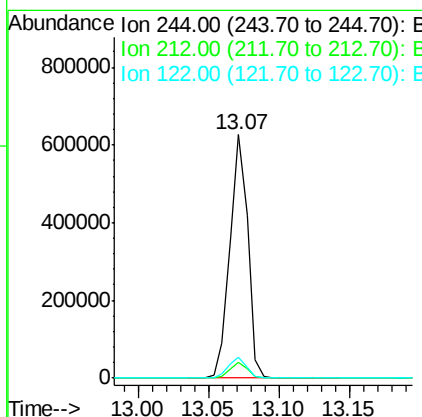
RT: 13.07 min Scan# 1825

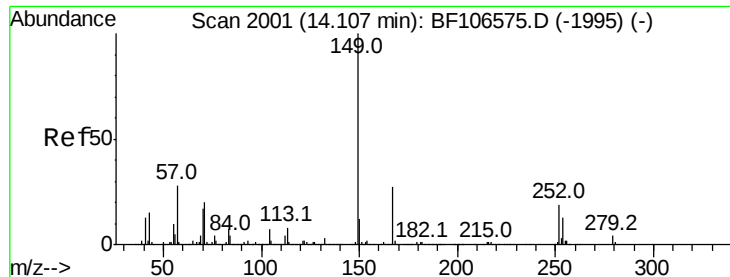
Delta R.T. -0.01 min

Lab File: BF106919.D

Acq: 28 Jun 2018 14:36

Tgt Ion:	244	Resp:	552932
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.8	11.0	16.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.389 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106919.D

Acq: 28 Jun 2018 14:36

Instrument :

BNA_F

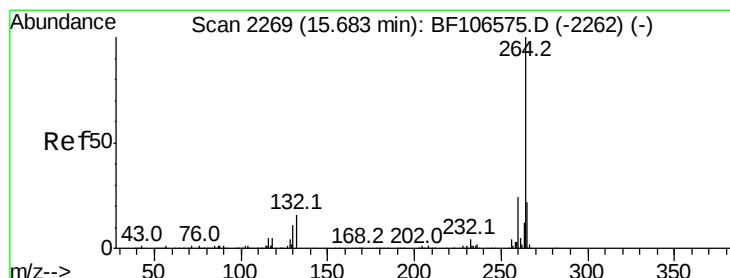
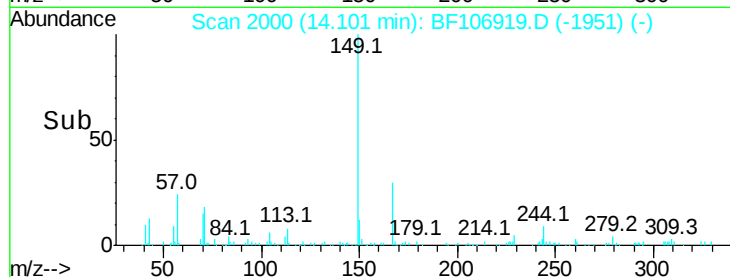
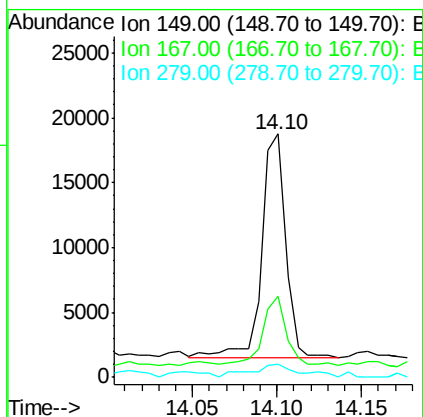
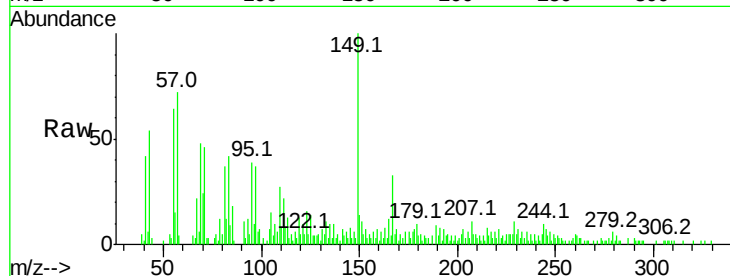
ClientSampleId :

20180373-AMENDED-COMPOSITE-

Tot Ion:	149	Resp:	17101
Ion Ratio	Lower	Upper	
149	100		
167	33.5	21.3	31.9#
279	5.5	3.0	4.4#

Manual Integrations
APPROVED

Sohil
6/29/2018 2:30:37 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF106919.D

Acq: 28 Jun 2018 14:36

Tgt Ion:	264	Resp:	228377
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.7	17.5	26.3

