

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106626.D
 Acq On : 20 Jun 2018 18:18
 Operator : JU/SJ
 Sample : J3525-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:27:59 AM

Quant Time: Jun 21 02:00:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	105259	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	450065	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	219186	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	395302	20.00	ng	0.00
75) Chrysene-d12	14.15	240	301702	20.00	ng	0.00
86) Perylene-d12	15.69	264	298558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	278618	44.82	ng	0.00
7) Phenol-d6	6.60	99	217909	28.07	ng	-0.01
23) Nitrobenzene-d5	7.52	82	678216	83.75	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	250614	98.65	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1117941	86.61	ng	0.00
78) Terphenyl-d14	13.08	244	1185686	95.20	ng	0.00
Target Compounds						
10) Phenol	6.61	94	590039	66.602	ng	99
17) 2-Methylphenol	7.21	107	14664	2.513	ng	98
20) 3+4-Methylphenols	7.37	107	93256	11.857	ng	90
27) 2,4-Dimethylphenol	7.90	122	23787	3.943	ng	99
31) Naphthalene	8.26	128	45626	2.168	ng	98
32) Benzoic acid	8.03	122	243284m	54.550	ng	
49) Dimethylphthalate	9.71	163	43145	2.625	ng	# 87

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

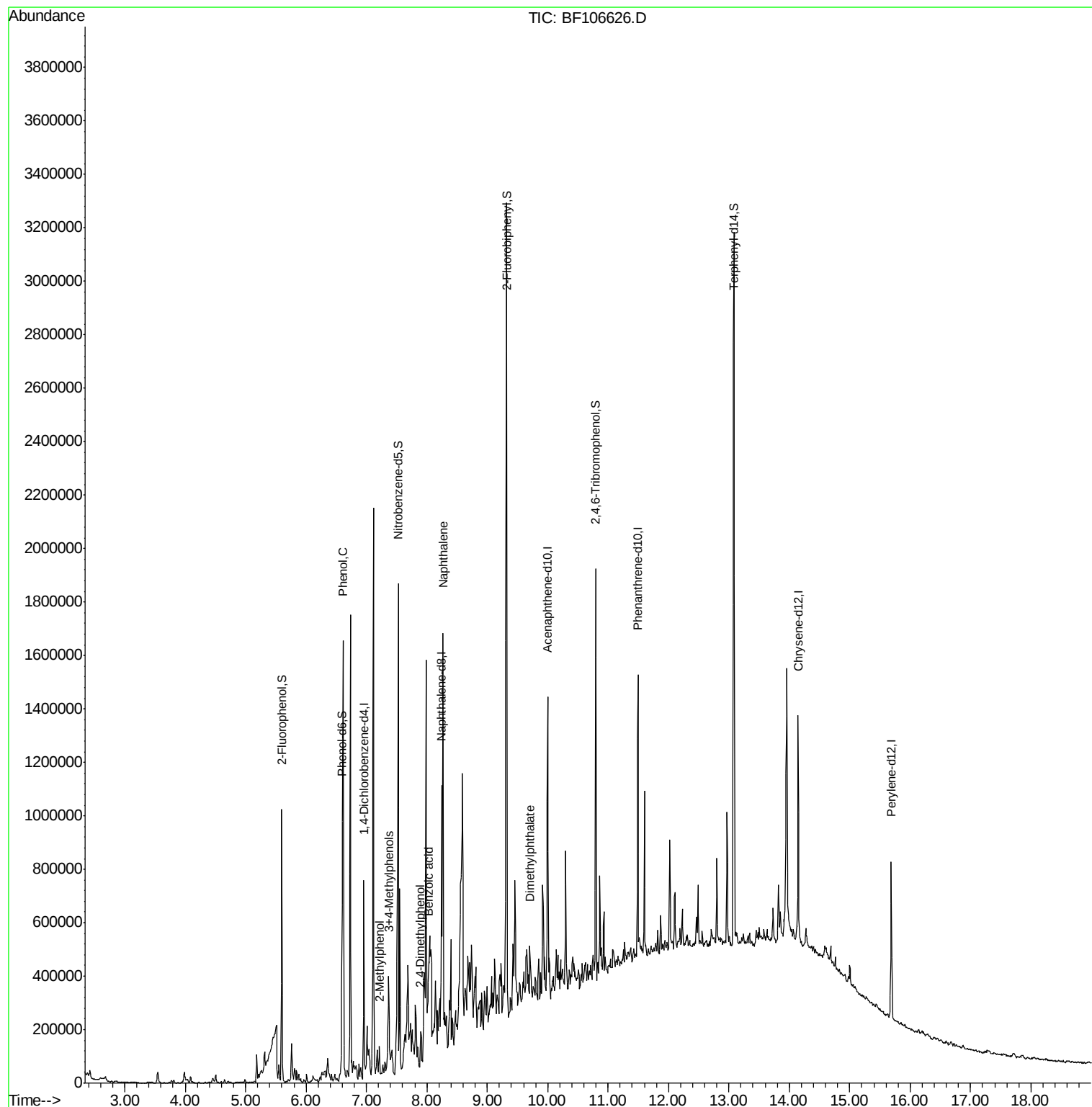
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106626.D
Acq On : 20 Jun 2018 18:18
Operator : JU/SJ
Sample : J3525-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Manual Integrations
APPROVED

Sohil
6/21/2018 11:27:59 AM

Quant Time: Jun 21 02:00:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration





#1

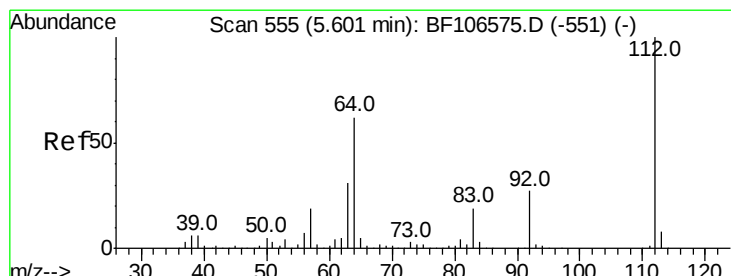
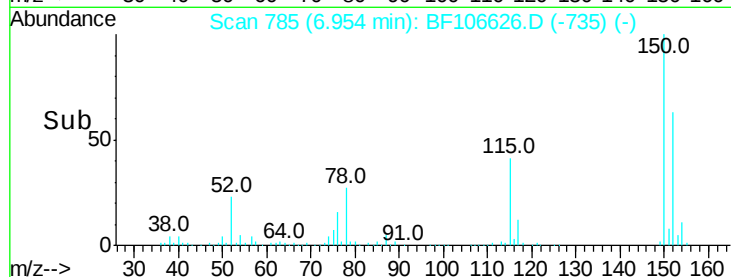
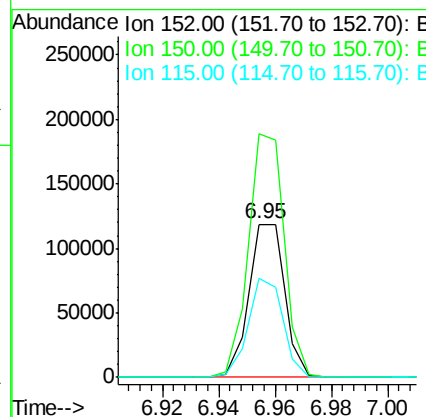
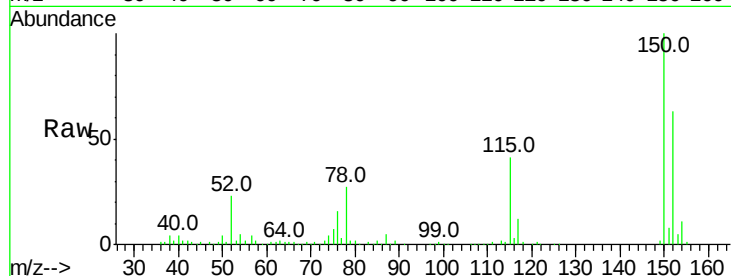
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	65.1	50.1	75.1

Manual Integrations
APPROVED

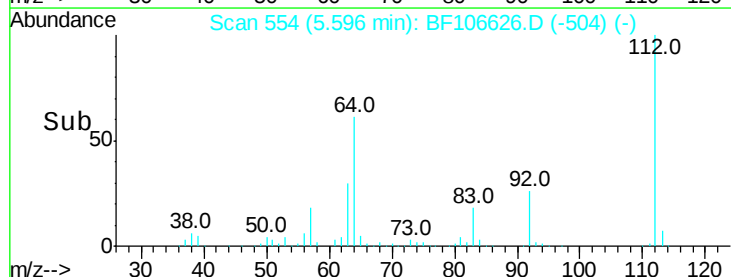
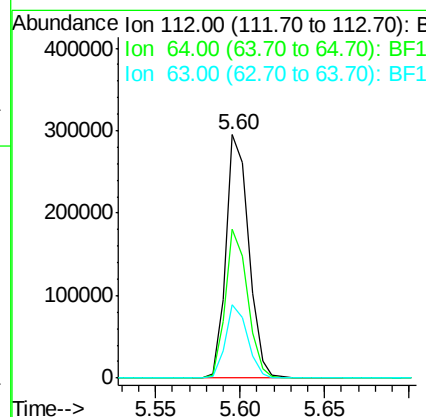
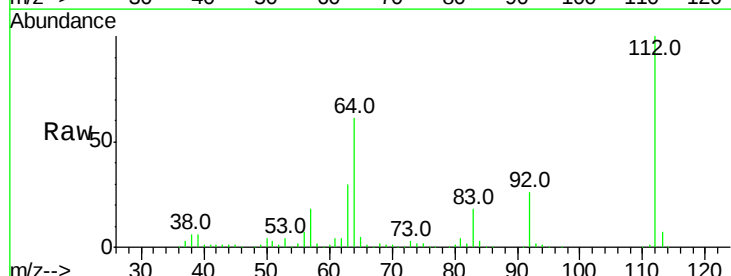
Sohil
6/21/2018 11:27:59 AM



#5

2-Fluorophenol
Concen: 44.822 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 28.071 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

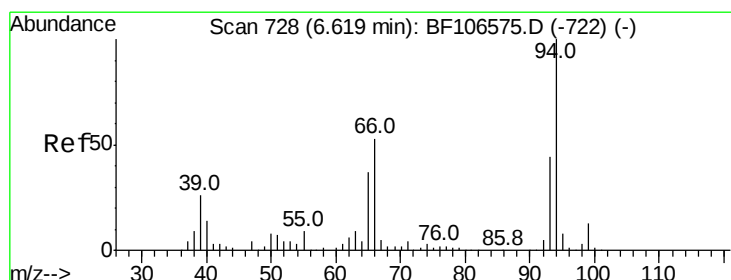
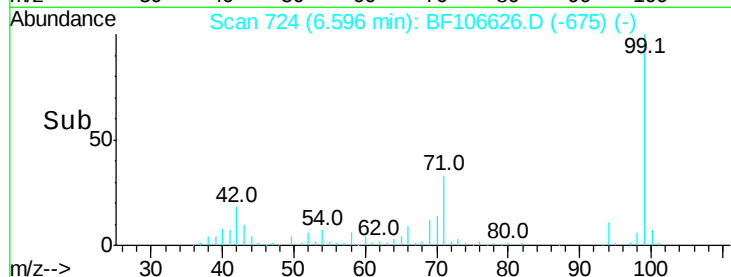
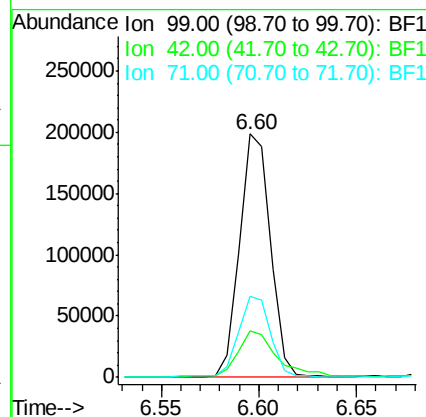
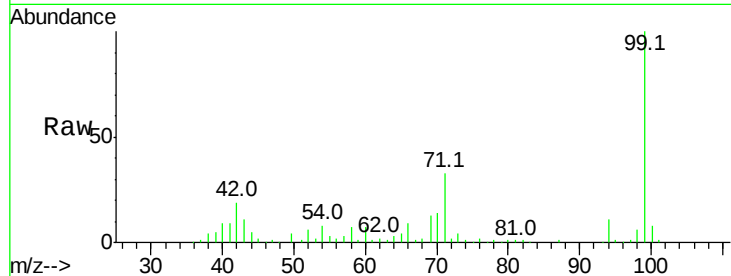
ClientSampled :

TPTW-04

Tot Ion:	99	Resp:	217909
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	33.4	25.4	38.0

Manual Integrations
APPROVED

Sohil
6/21/2018 11:27:59 AM



#10

Phenol

Concen: 66.602 ng

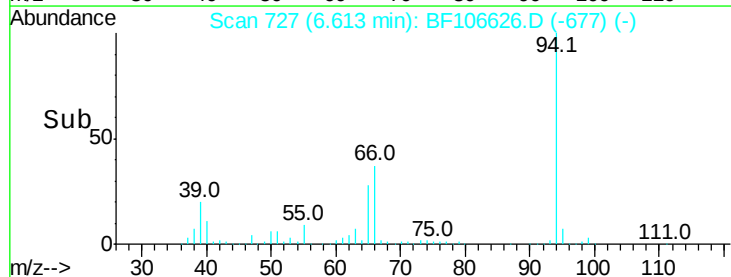
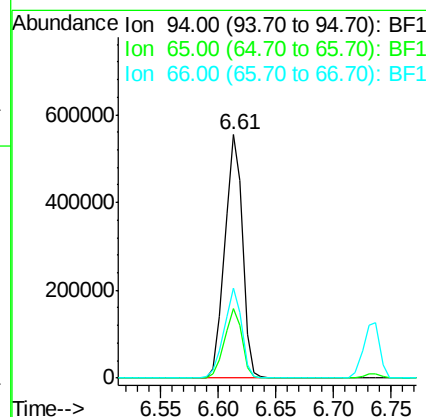
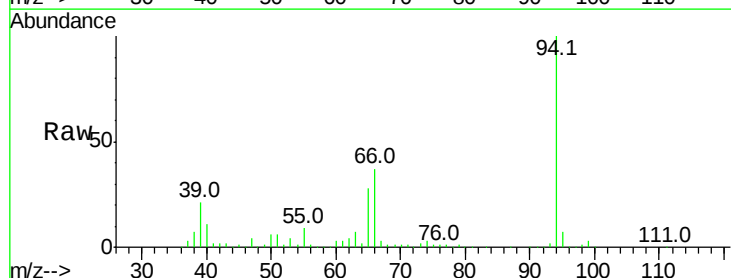
RT: 6.61 min Scan# 727

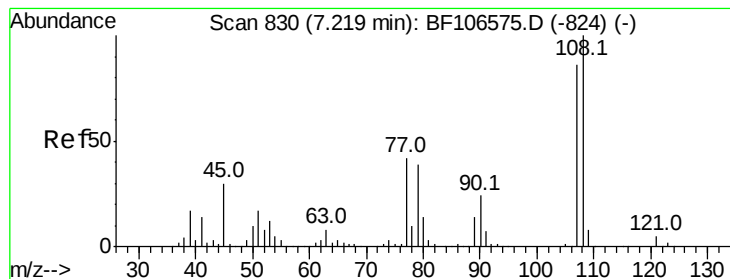
Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Tgt Ion:	94	Resp:	590039
Ion Ratio	Lower	Upper	
94	100		
65	28.4	7.9	47.9
66	37.0	16.2	56.2





#17

2-Methylphenol

Concen: 2.513 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

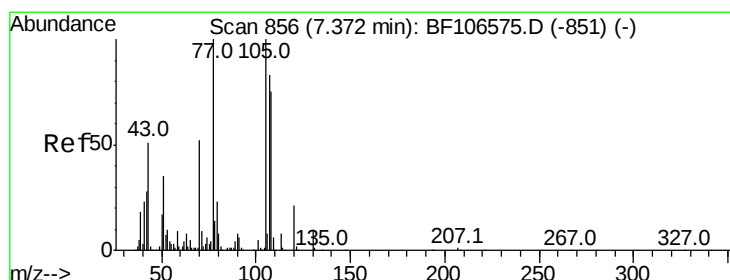
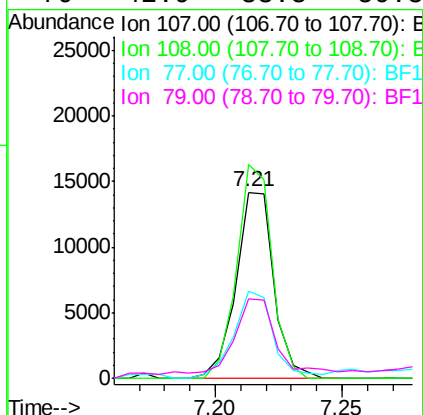
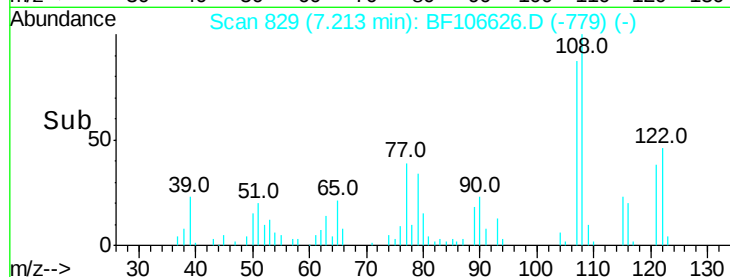
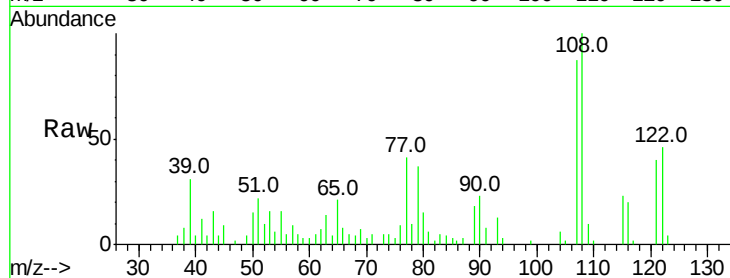
ClientSampled :

TPTW-04

Tot Ion:	107	Resp:	14664
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	46.8	33.8	50.8
79	42.9	33.8	50.8

Manual Integrations
APPROVED

Sohil
6/21/2018 11:27:59 AM



#20

3+4-Methylphenols

Concen: 11.857 ng

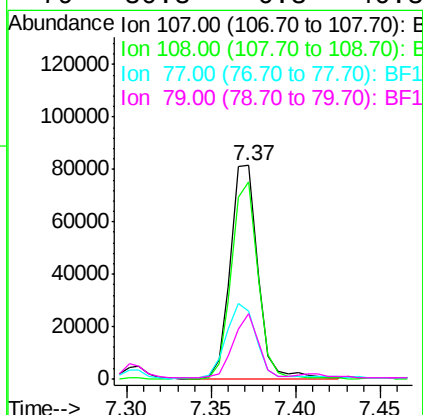
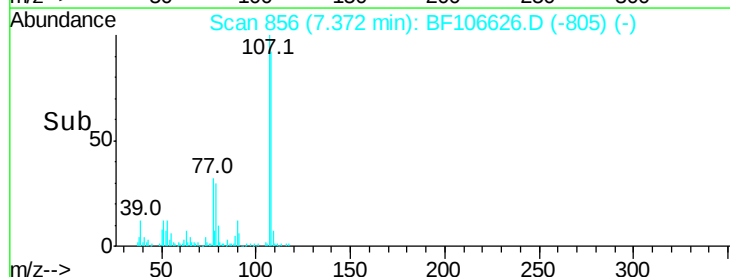
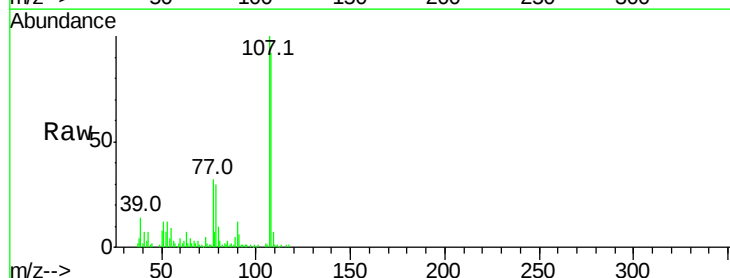
RT: 7.37 min Scan# 856

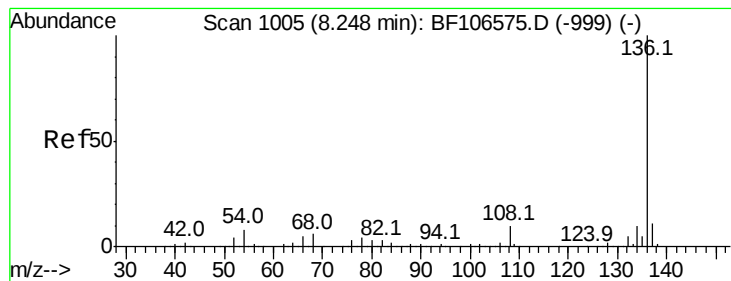
Delta R.T. 0.00 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Tgt Ion:	107	Resp:	93256
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	31.7	26.7	66.7
79	30.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

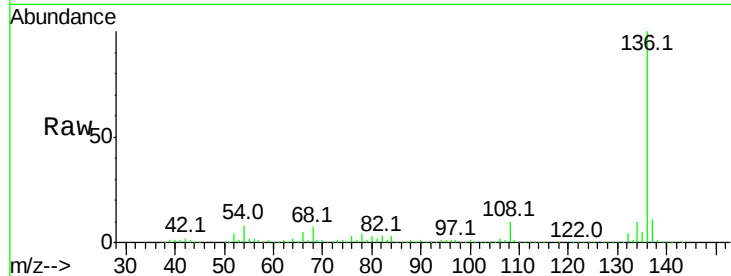
ClientSampleId :

TPTW-04

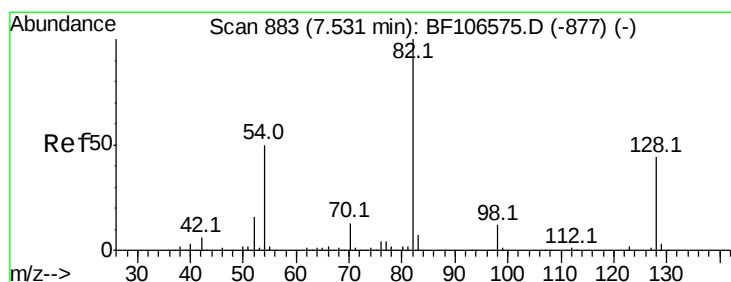
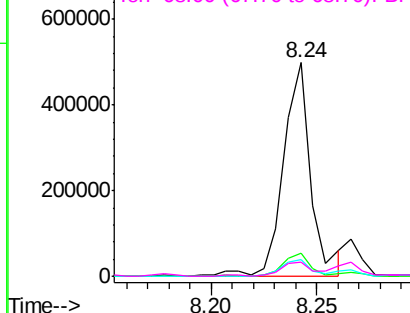
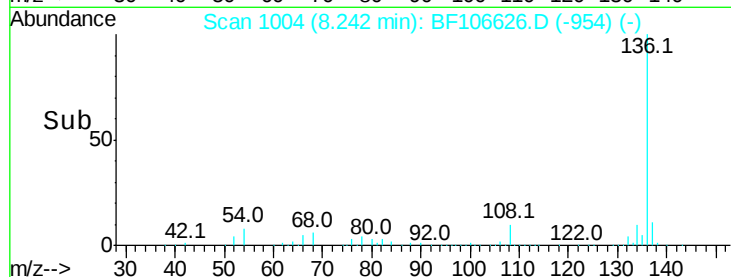
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	8.0	6.6	9.8	
68	6.6	5.0	7.4	

Manual Integrations
APPROVED

Sohil
6/21/2018 11:27:59 AM



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: 83.745 ng

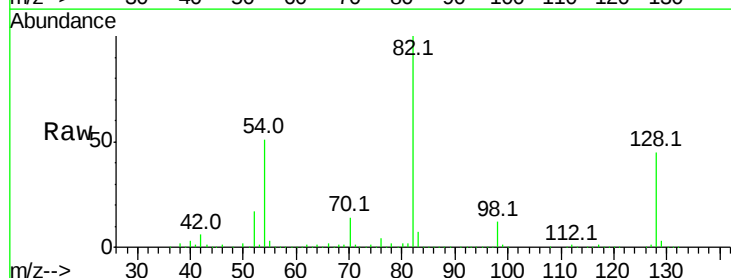
RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

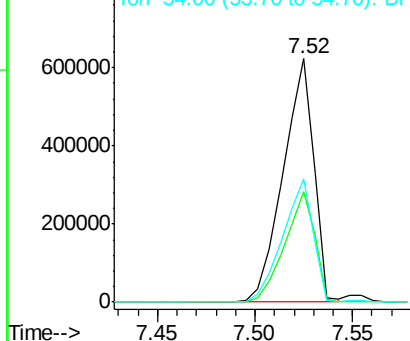
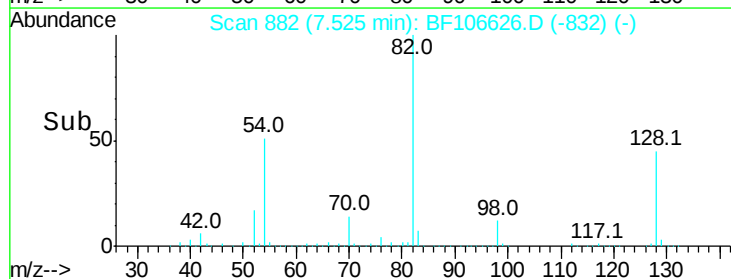
Lab File: BF106626.D

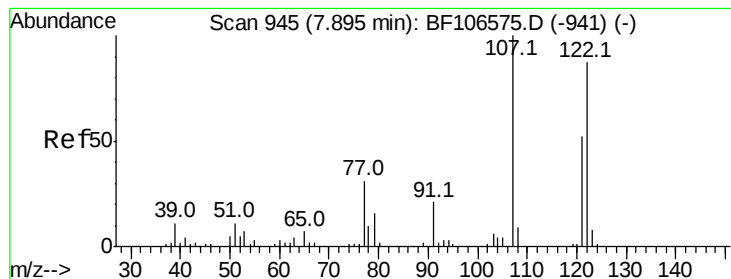
Acq: 20 Jun 2018 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	36.1	54.1	
54	50.7	41.4	62.2	



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





#27

2,4-Dimethylphenol

Concen: 3.943 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

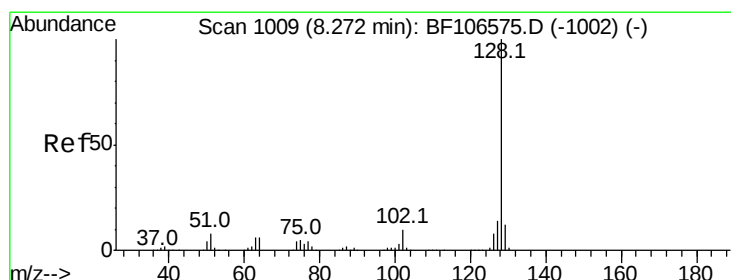
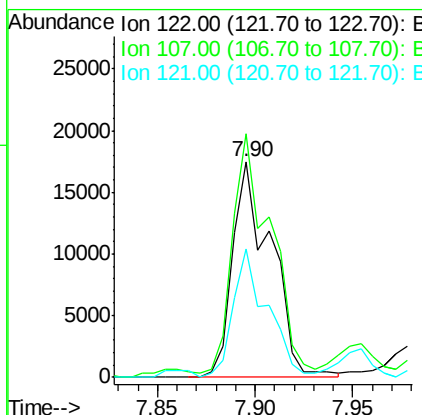
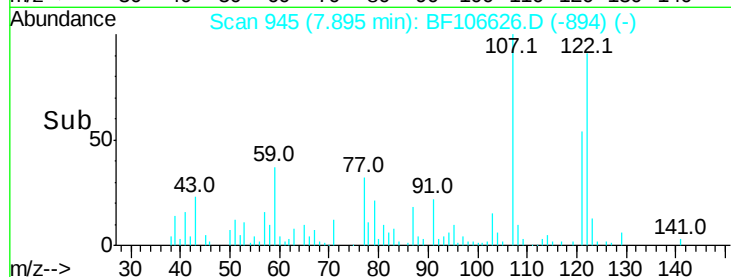
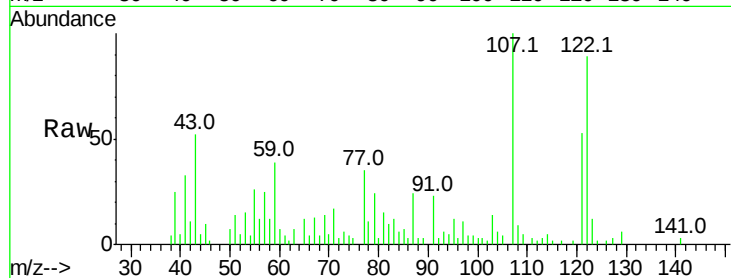
ClientSampled :

TPTW-04

Tot Ion:	122	Resp:	23787
Ion Ratio	Lower	Upper	
122	100		
107	112.8	91.2	136.8
121	59.4	47.2	70.8

Manual Integrations
APPROVED

Sohil
6/21/2018 11:27:59 AM



#31

Naphthalene

Concen: 2.168 ng

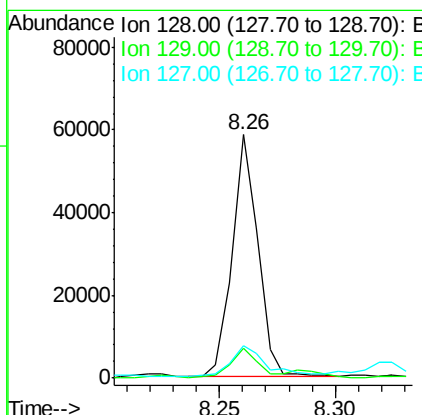
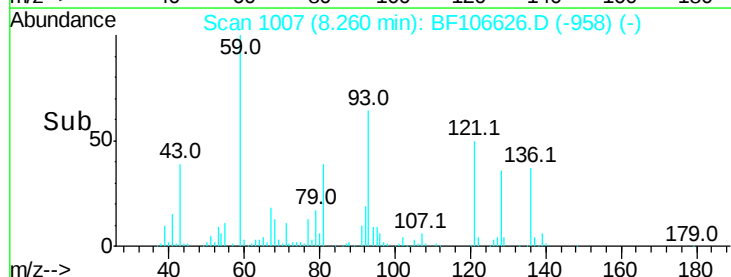
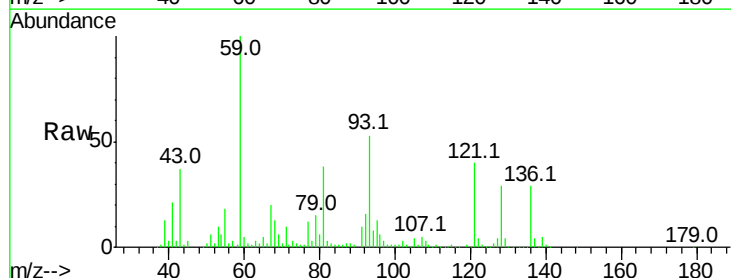
RT: 8.26 min Scan# 1007

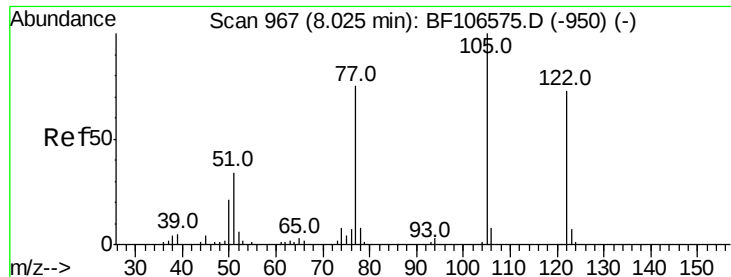
Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Tgt Ion:	128	Resp:	45626
Ion Ratio	Lower	Upper	
128	100		
129	12.3	8.8	13.2
127	13.5	10.9	16.3





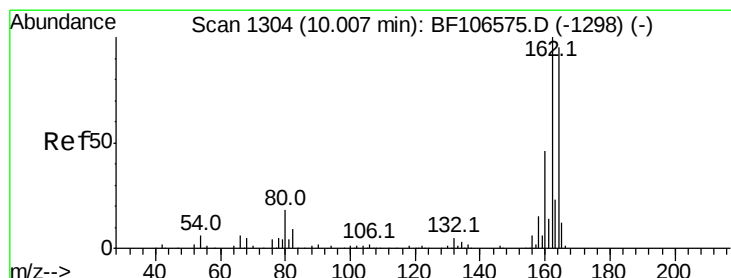
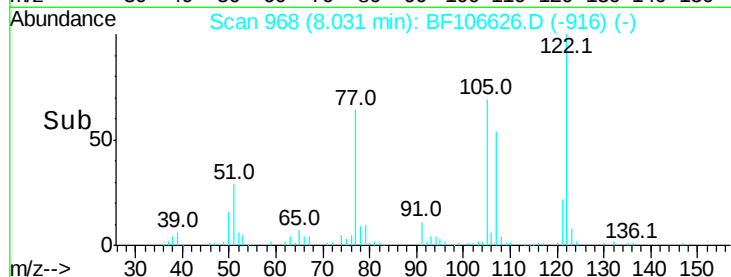
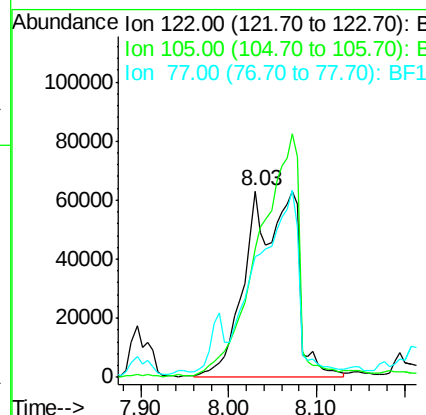
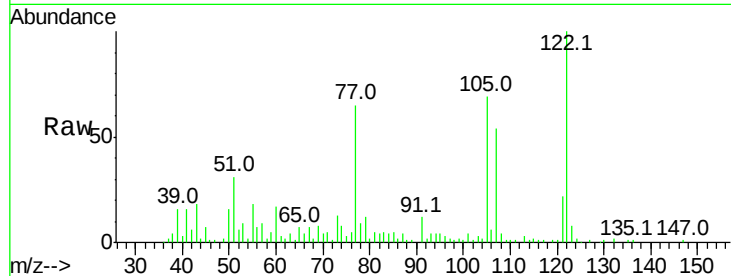
#32
Benzoic acid
Concen: 54.550 ng m
RT: 8.03 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tot Ion	Ratio	Lower	Upper
122	100		
105	68.6	101.1	141.1#
77	64.8	70.7	110.7#

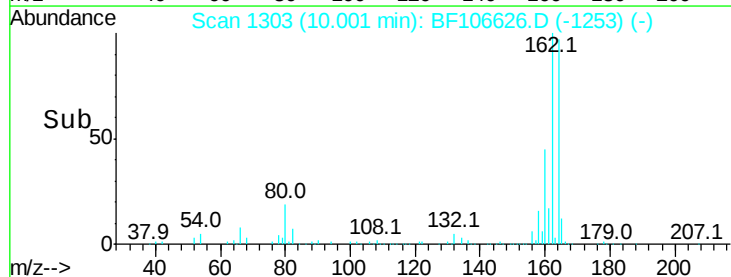
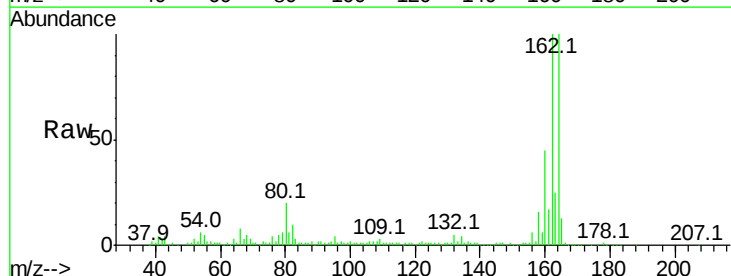
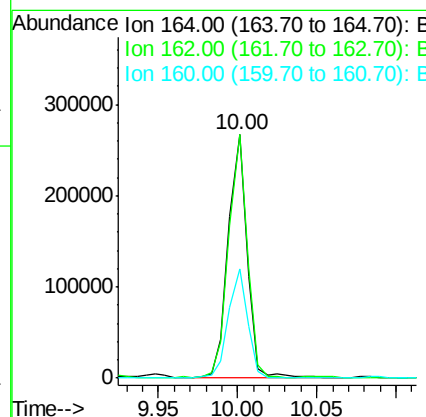
Manual Integrations
APPROVED

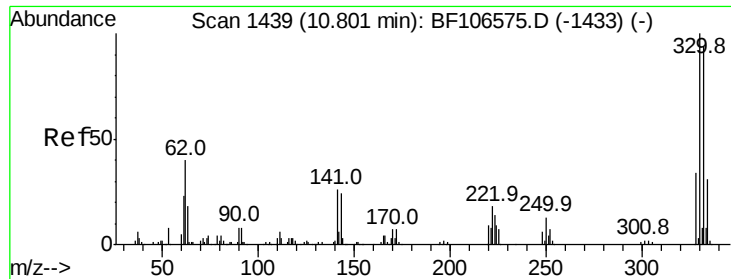
Sohil
6/21/2018 11:27:59 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	45.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 98.650 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

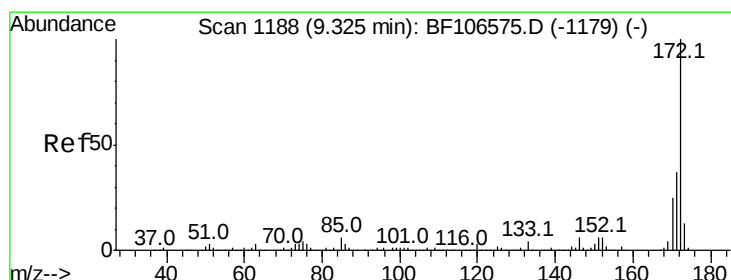
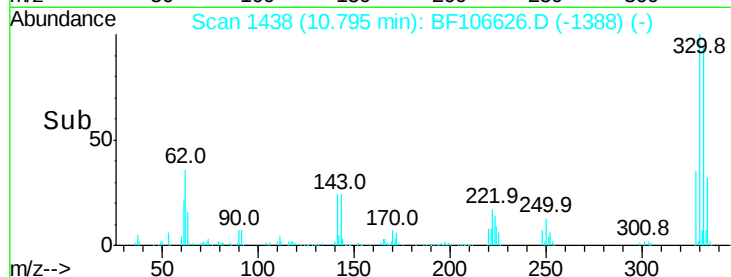
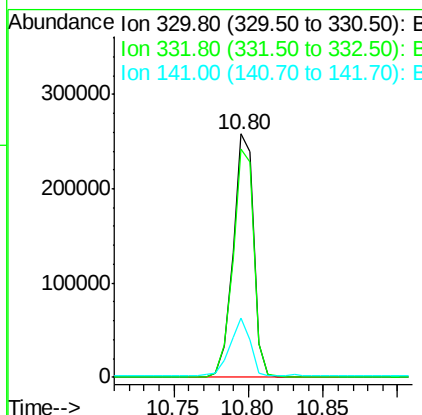
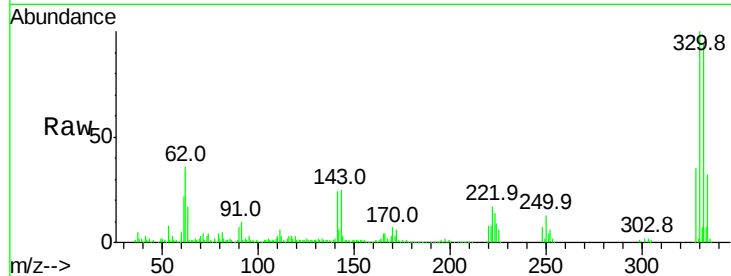
ClientSampled :

TPTW-04

Tot Ion	Ratio	Resp	Lower	Upper
330	100	250614		
332	95.5	77.0	115.6	
141	22.8	29.9	44.9#	

Manual Integrations
APPROVED

Sohil
6/21/2018 11:27:59 AM



#44

2-Fluorobiphenyl

Concen: 86.611 ng

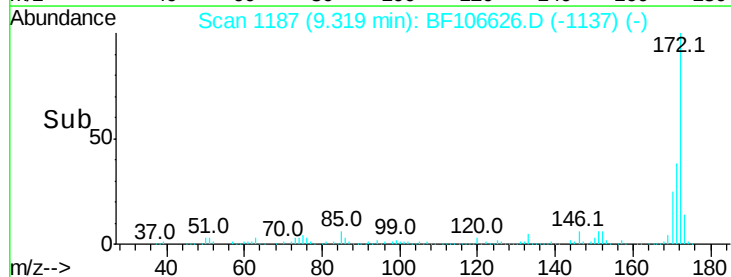
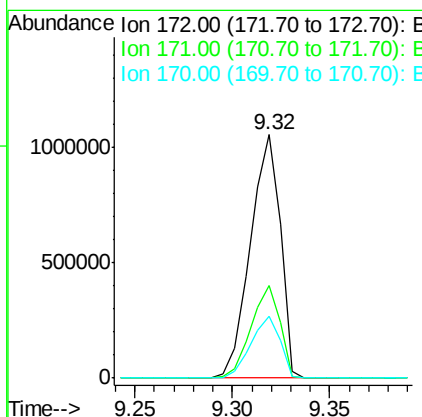
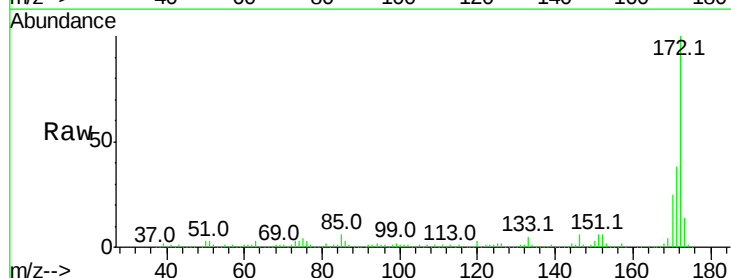
RT: 9.32 min Scan# 1187

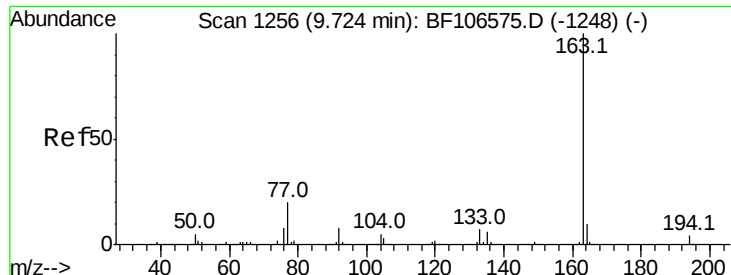
Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1117941		
171	38.1	29.7	44.5	
170	25.5	19.6	29.4	





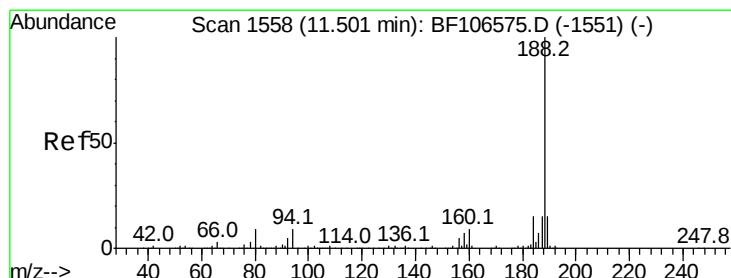
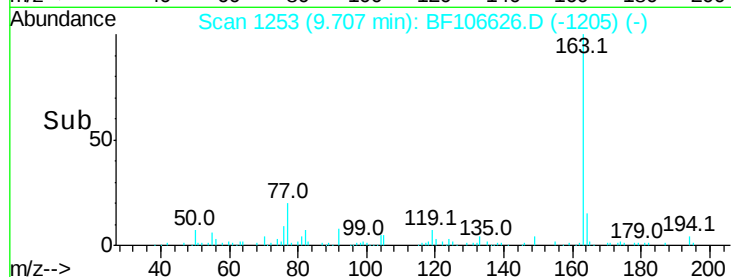
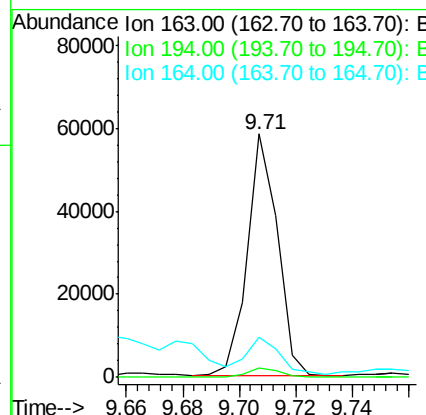
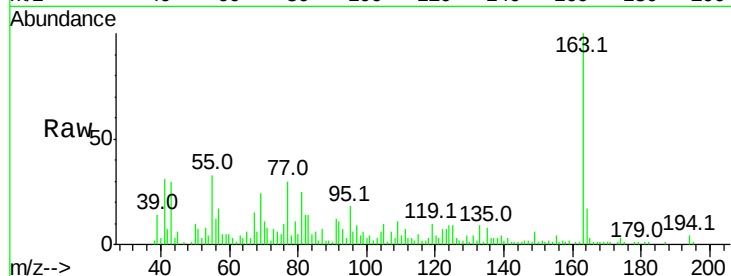
#49
Dimethylphthalate
Concen: 2.625 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tot Ion	Ratio	Resp	Lower	Upper
163	100	43145		
194	4.0	2.7	4.1	
164	16.6	8.2	12.2	

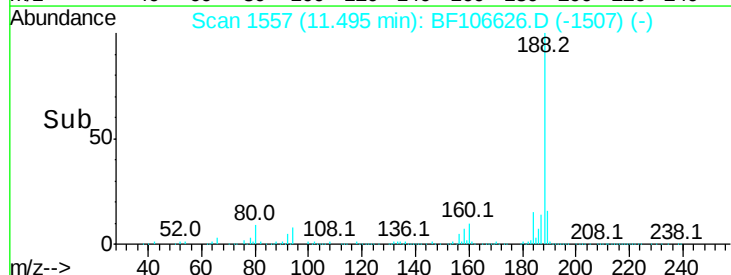
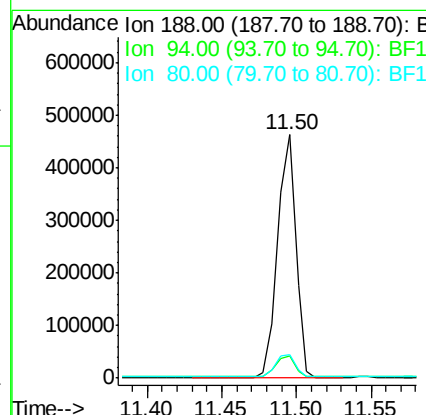
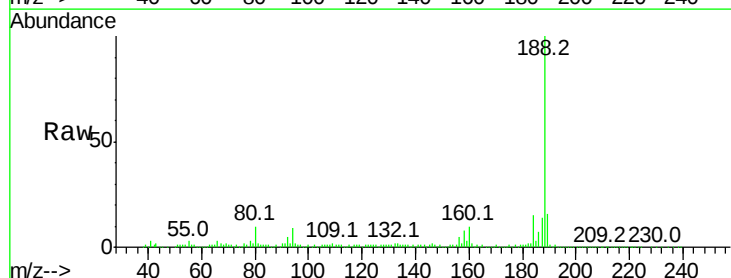
Manual Integrations
APPROVED

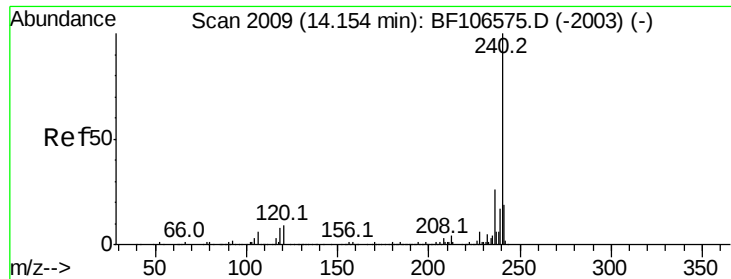
Sohil
6/21/2018 11:27:59 AM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	395302		
94	8.9	8.5	12.7	
80	9.6	9.2	13.8	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Instrument :

BNA_F

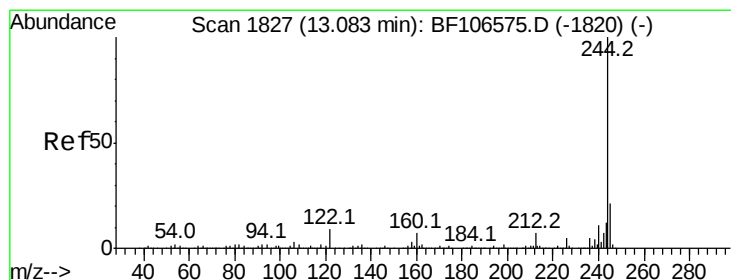
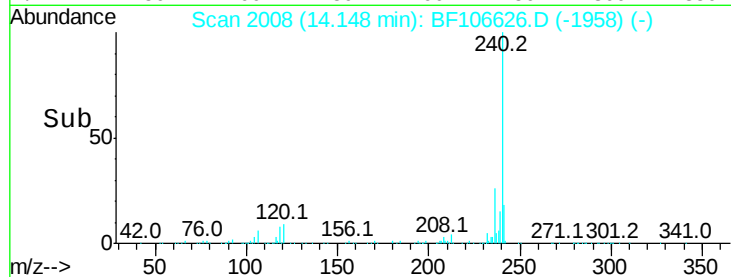
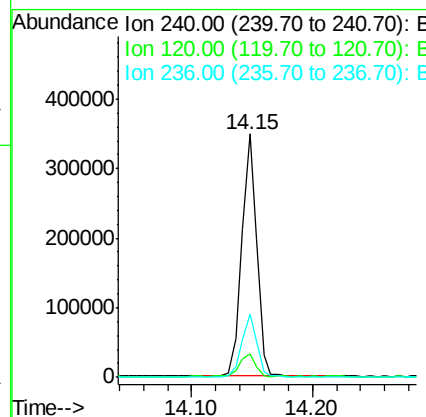
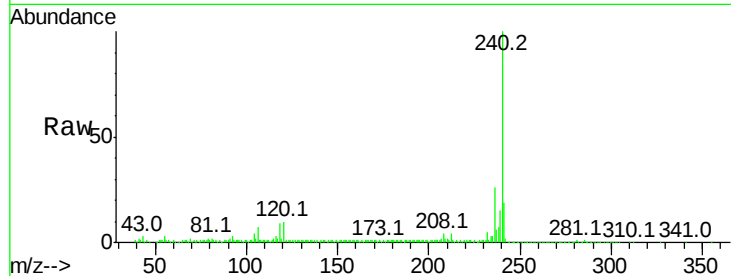
ClientSampleId :

TPTW-04

Tot Ion:	240	Resp:	301702
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
APPROVED

Sohil
6/21/2018 11:27:59 AM



#78

Terphenyl-d14

Concen: 95.196 ng

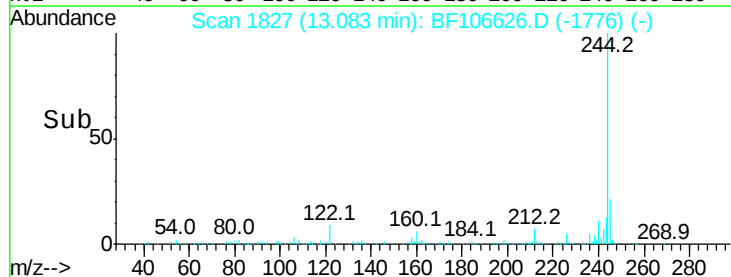
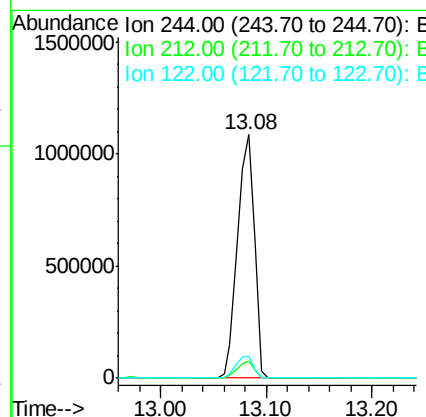
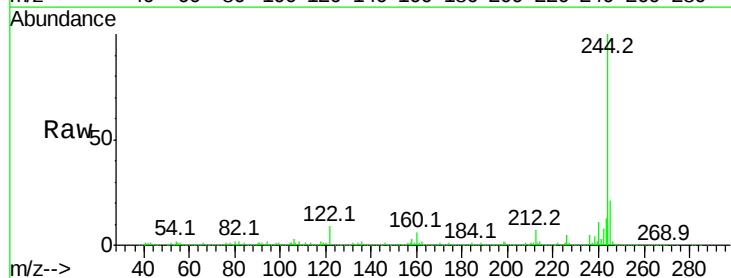
RT: 13.08 min Scan# 1827

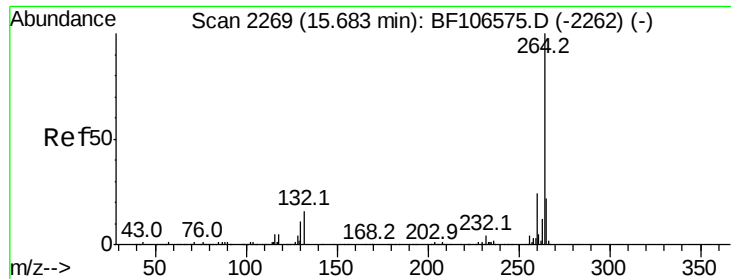
Delta R.T. 0.00 min

Lab File: BF106626.D

Acq: 20 Jun 2018 18:18

Tgt Ion:	244	Resp:	1185686
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	9.0	11.0	16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106626.D
Acq: 20 Jun 2018 18:18

Instrument :
BNA_F
ClientSampleId :
TPTW-04

Tot Ion:	264	Resp:	298558
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
APPROVED

Sohil
6/21/2018 11:27:59 AM

