

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101123.D
 Acq On : 5 Dec 2017 14:42
 Operator : SJ/JU
 Sample : I6718-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1500

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:24 PM

Quant Time: Dec 05 15:53:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	56643	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	216901	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	104676	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	199502	20.00	ng	0.00
75) Chrysene-d12	14.02	240	121628	20.00	ng	0.00
86) Perylene-d12	15.49	264	119867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	477216	139.22	ng	0.02
7) Phenol-d6	6.49	99	573767	137.87	ng	0.00
23) Nitrobenzene-d5	7.42	82	357665	98.37	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	170294	135.43	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	691124	90.34	ng	0.00
78) Terphenyl-d14	12.96	244	613901	110.40	ng	0.00
Target Compounds						
10) Phenol	6.50	94	16172	3.495	ng	94
49) Dimethylphthalate	9.60	163	126034	14.930	ng	99
51) Acenaphthene	9.92	154	26193	3.908	ng	98
70) Phenanthrene	11.40	178	43289	3.940	ng	98
74) Fluoranthene	12.59	202	66949	5.497	ng	95
77) Pyrene	12.82	202	44001	5.243	ng	99

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

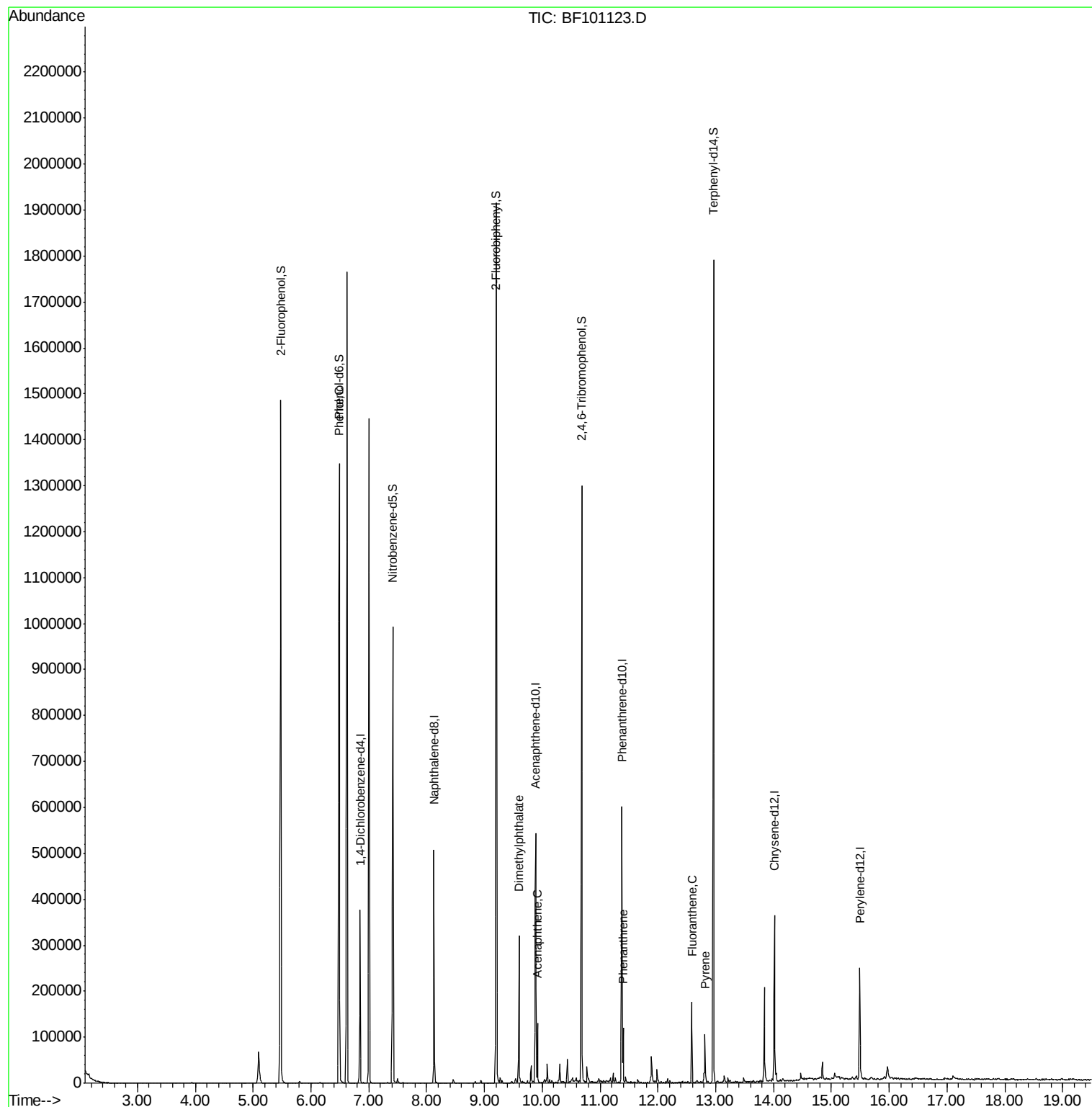
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101123.D
Acq On : 5 Dec 2017 14:42
Operator : SJ/JU
Sample : I6718-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

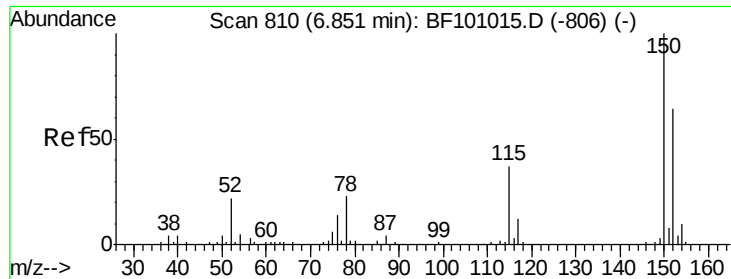
Instrument :
BNA_F
ClientSampleId :
RT-1500

Quant Time: Dec 05 15:53:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:24 PM





#1

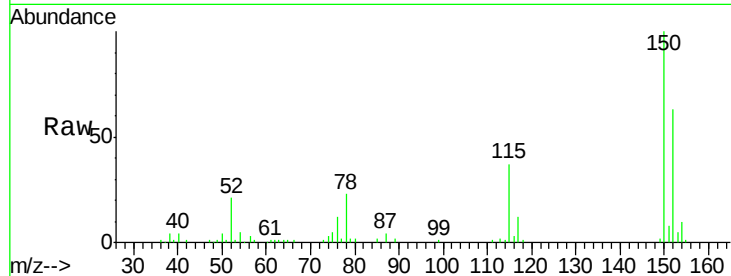
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Instrument :
BNA_F
ClientSampleId :
RT-1500

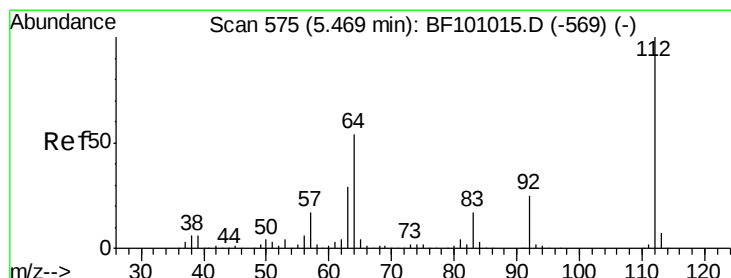
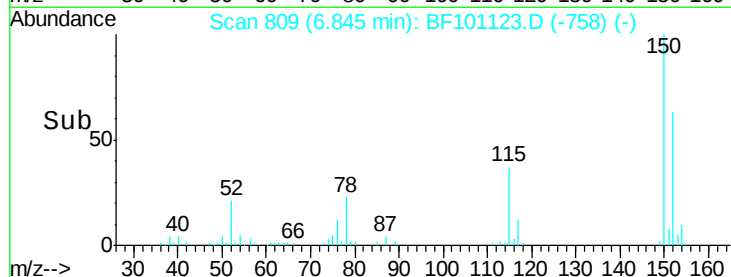
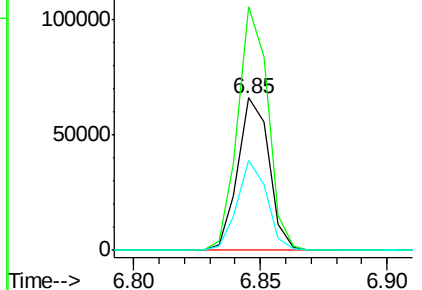
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:24 PM



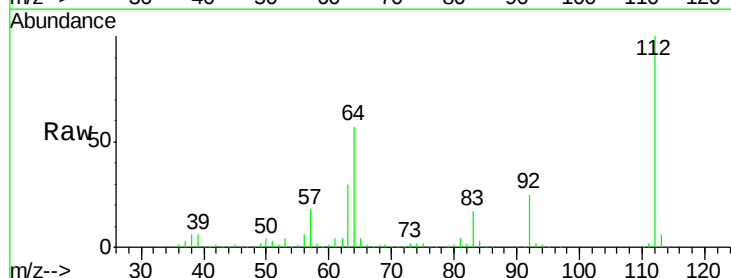
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



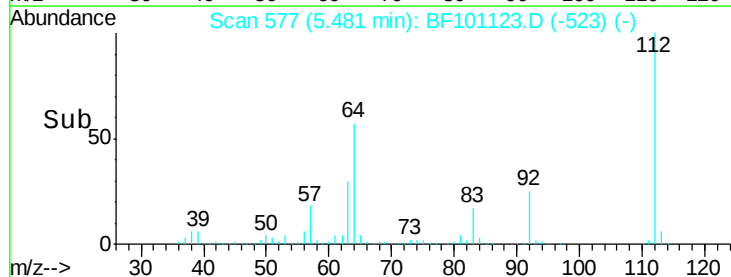
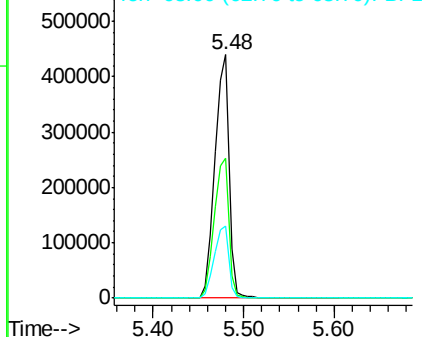
#5

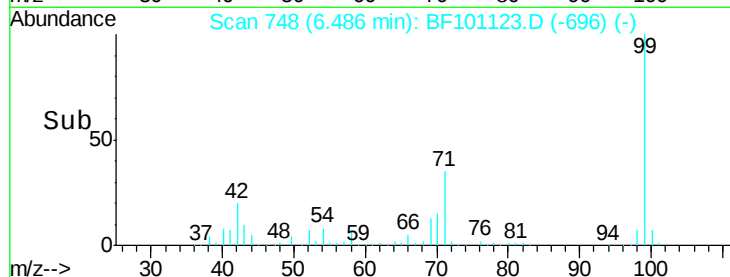
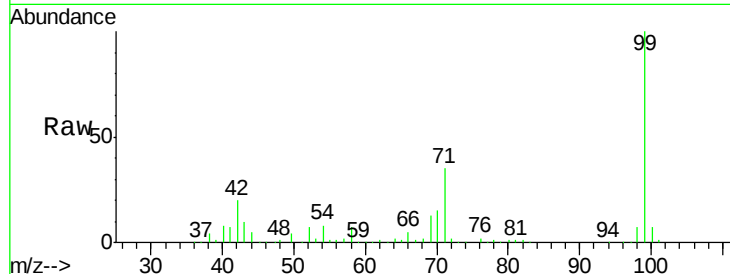
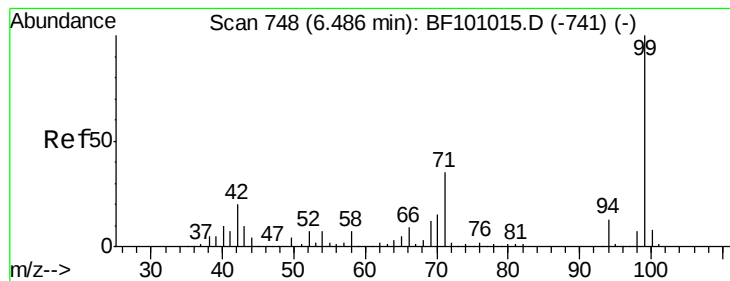
2-Fluorophenol
Concen: 139.218 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	29.6	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: 137.868 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101123.D

Acq: 5 Dec 2017 14:42

Tot Ion:	99	Resp:	573767
Ion Ratio	Lower	Upper	
99	100		
42	20.4	14.5	21.7
71	35.4	25.4	38.0

Instrument :

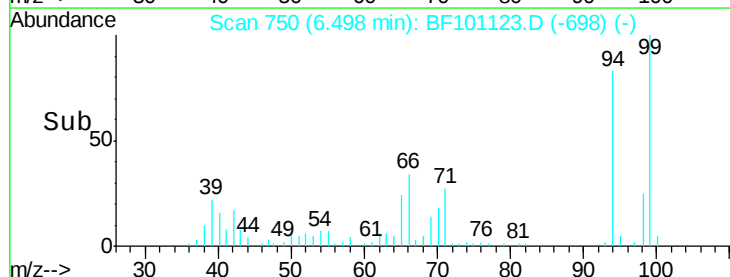
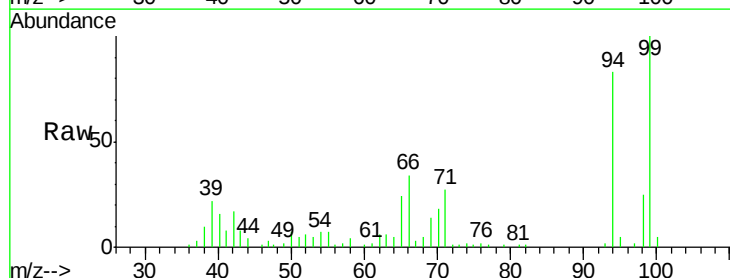
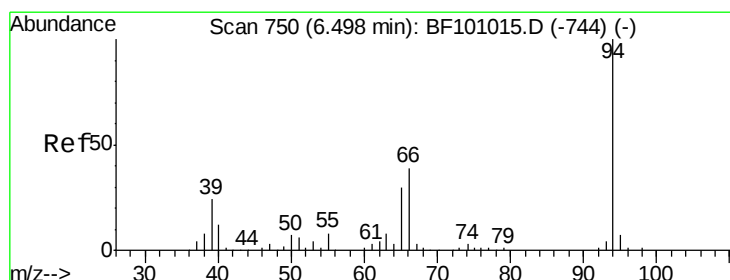
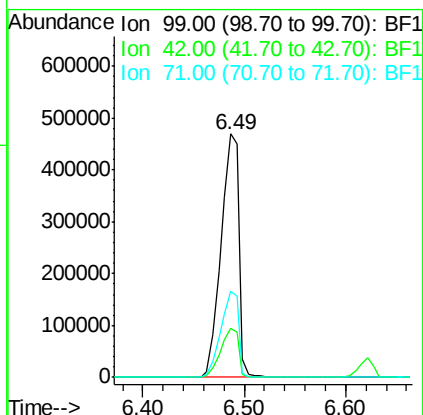
BNA_F

ClientSampled :

RT-1500

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:24 PM



#10

Phenol

Concen: 3.495 ng

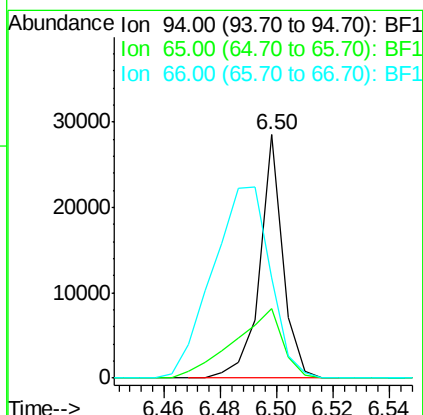
RT: 6.50 min Scan# 750

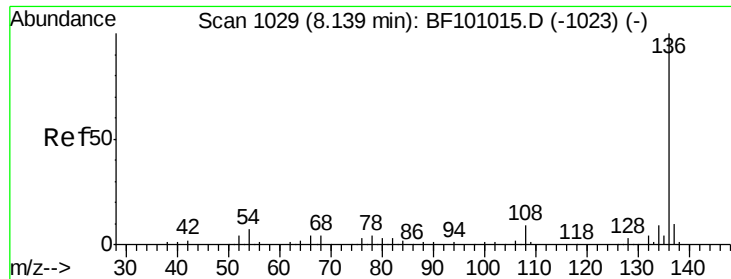
Delta R.T. 0.01 min

Lab File: BF101123.D

Acq: 5 Dec 2017 14:42

Tgt Ion:	94	Resp:	16172
Ion Ratio	Lower	Upper	
94	100		
65	28.8	7.9	47.9
66	41.3	16.2	56.2





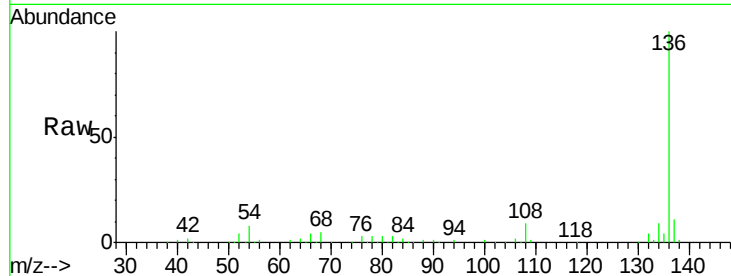
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Instrument :
BNA_F
ClientSampleId :
RT-1500

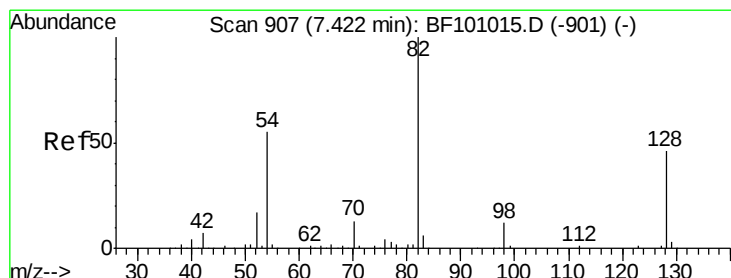
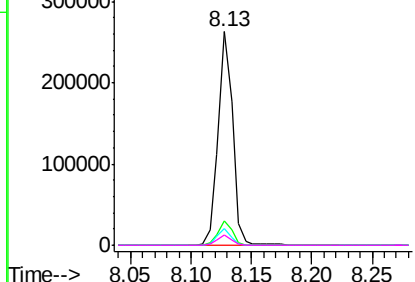
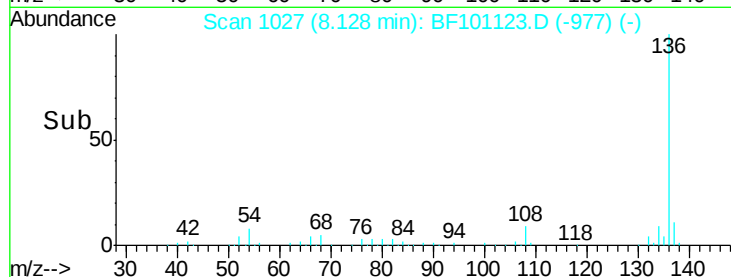
Tot Ion	Ratio	Resp	Lower	Upper
136	100	216901		
137	11.3	8.9	13.3	
54	7.6	6.6	9.8	
68	4.9	5.0	7.4	

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:24 PM

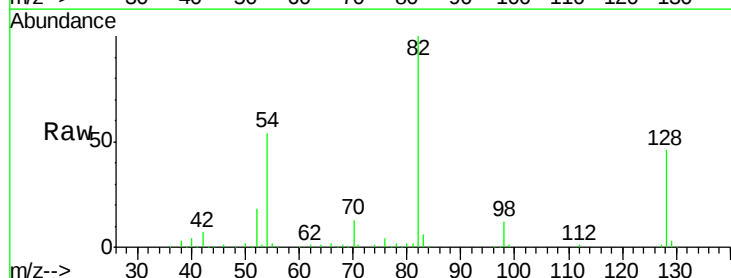


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

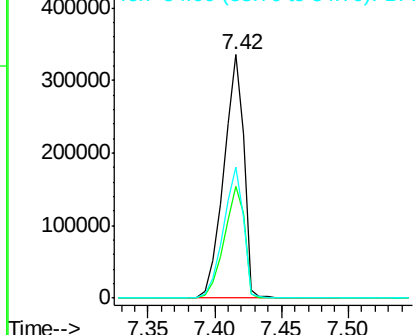
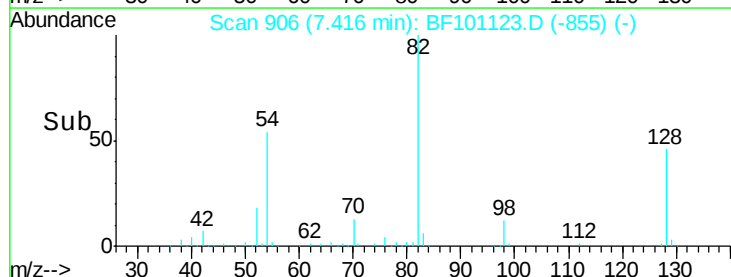


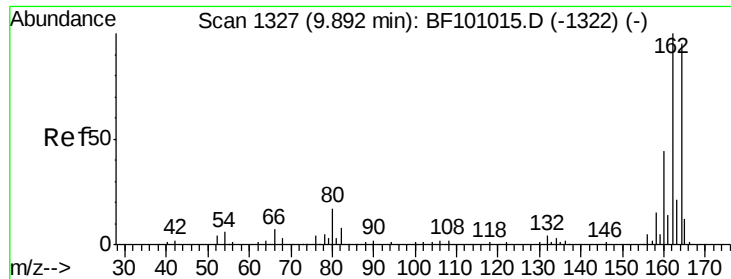
#23
Nitrobenzene-d5
Concen: 98.367 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	357665		
128	46.1	36.1	54.1	
54	53.7	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





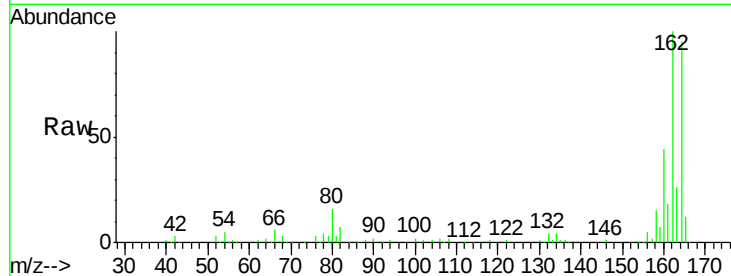
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Instrument :
BNA_F
ClientSampleId :
RT-1500

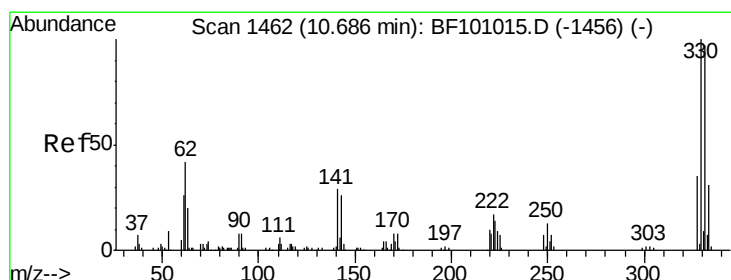
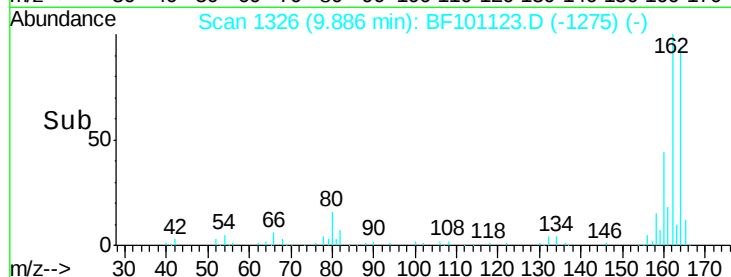
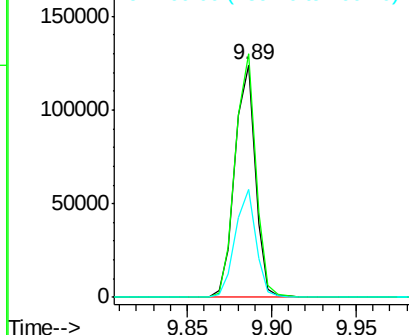
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.5	38.3	57.5

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:24 PM

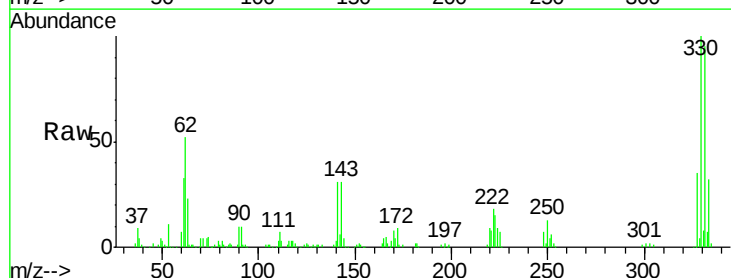


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

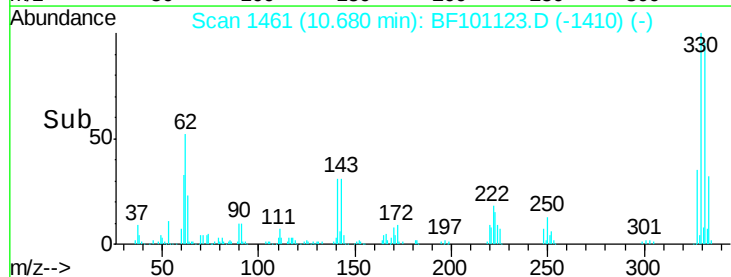
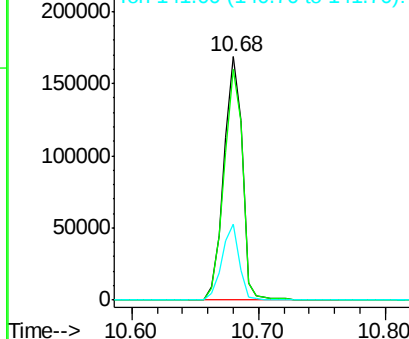


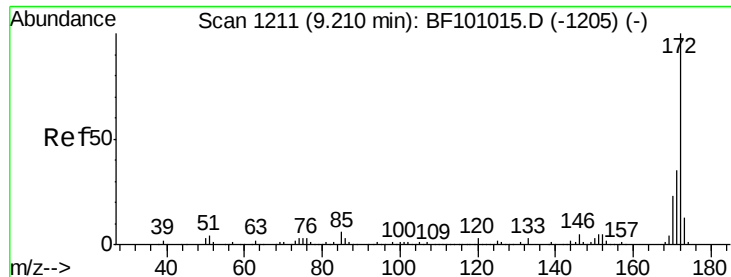
#41
2,4,6-Tribromophenol
Concen: 135.427 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.5	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





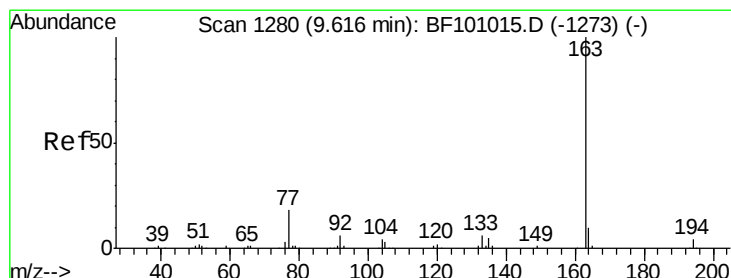
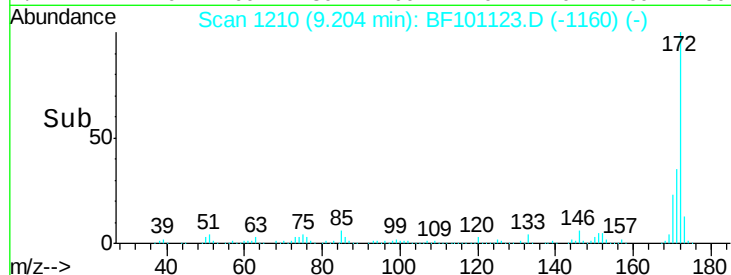
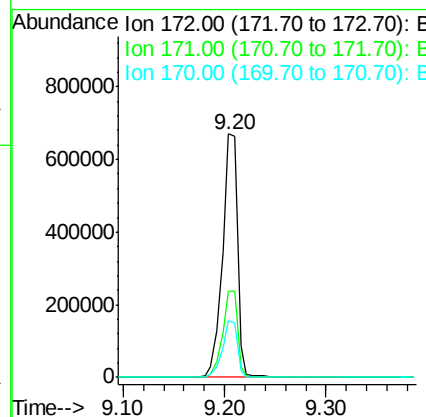
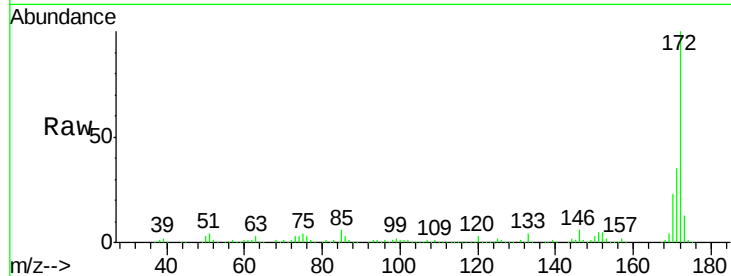
#44
2-Fluorobiphenyl
Concen: 90.335 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Instrument :
BNA_F
ClientSampleId :
RT-1500

Tot Ion	Ratio	Resp	Lower	Upper
172	100	691124		
171	35.5		29.7	44.5
170	23.4		19.6	29.4

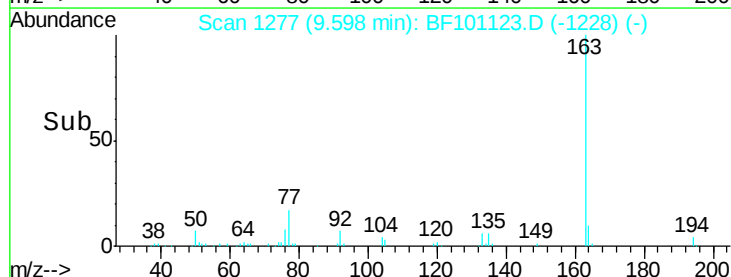
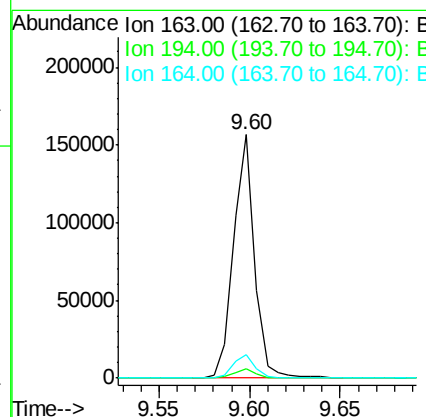
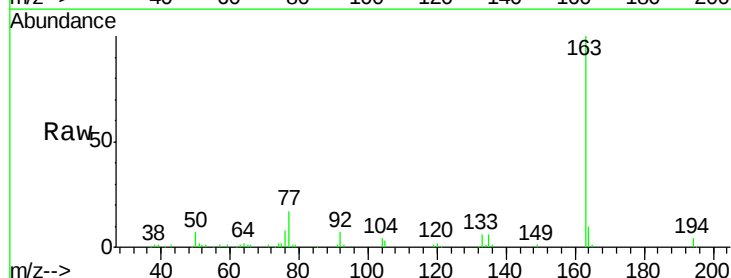
Manual Integrations
APPROVED

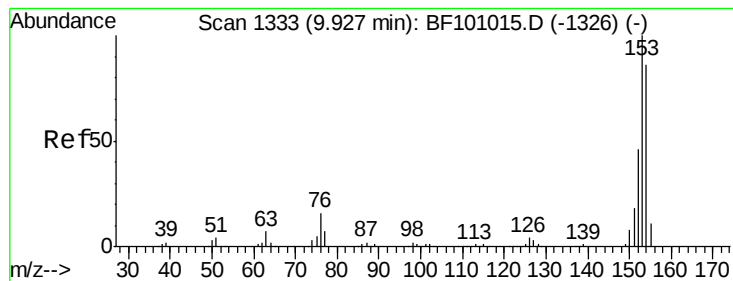
Sohil
12/6/2017 5:12:24 PM



#49
Dimethylphthalate
Concen: 14.930 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	126034		
194	3.9		2.7	4.1
164	9.9		8.2	12.2





#51

Acenaphthene

Concen: 3.908 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF101123.D

Acq: 5 Dec 2017 14:42

Instrument :

BNA_F

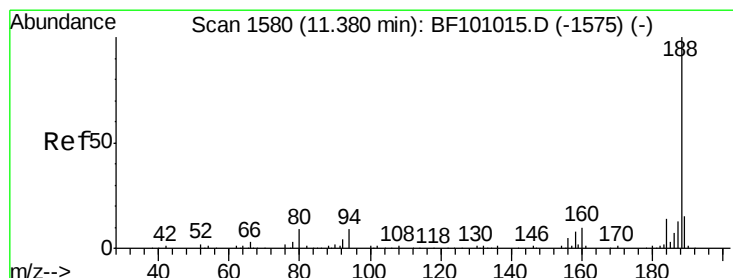
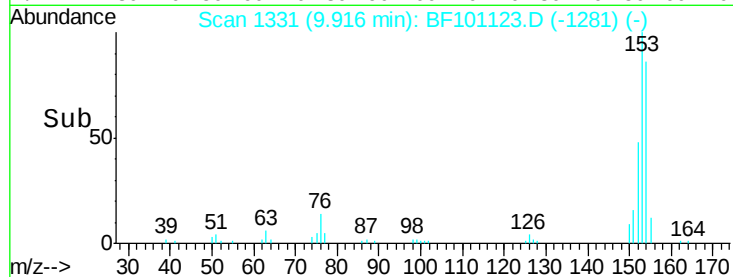
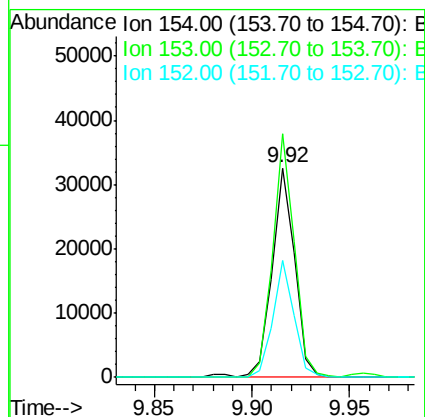
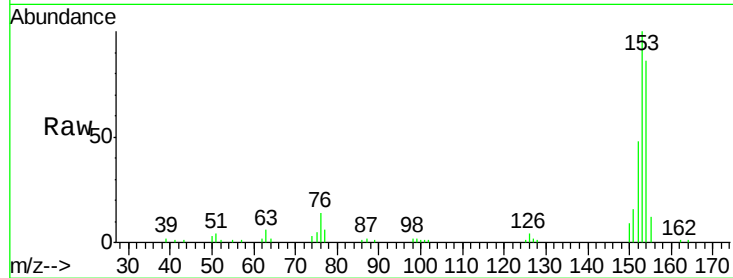
ClientSampled :

RT-1500

Tot Ion:	154	Resp:	26193
Ion Ratio	Lower	Upper	
154	100		
153	116.4	91.2	136.8
152	56.2	43.8	65.8

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:24 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

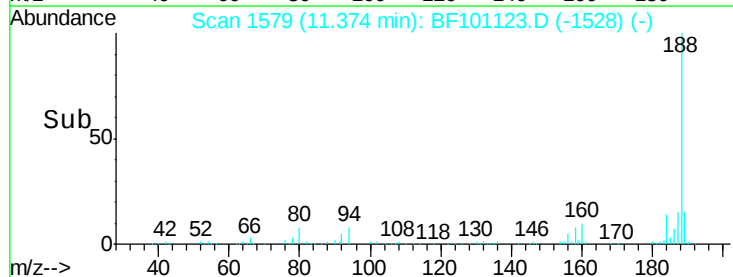
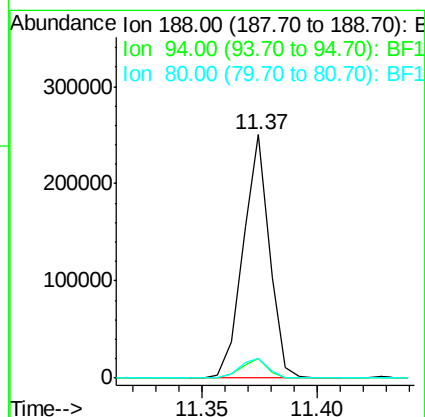
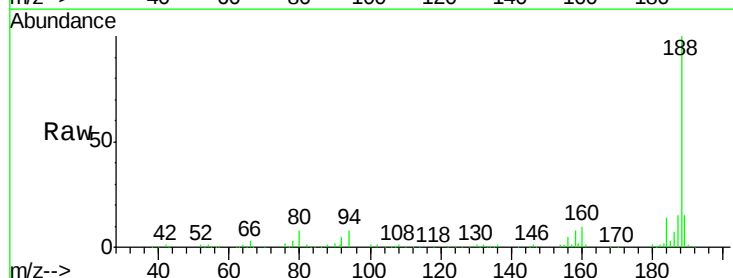
RT: 11.37 min Scan# 1579

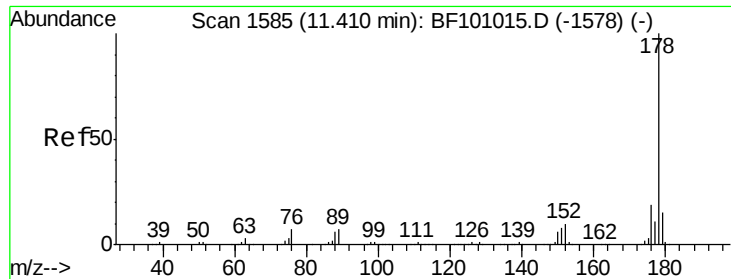
Delta R.T. 0.00 min

Lab File: BF101123.D

Acq: 5 Dec 2017 14:42

Tgt Ion:	188	Resp:	199502
Ion Ratio	Lower	Upper	
188	100		
94	7.9	8.5	12.7#
80	8.3	9.2	13.8#





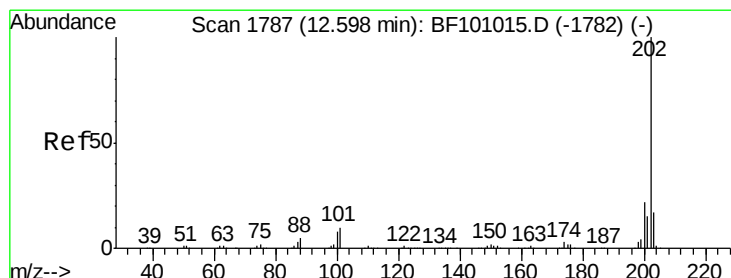
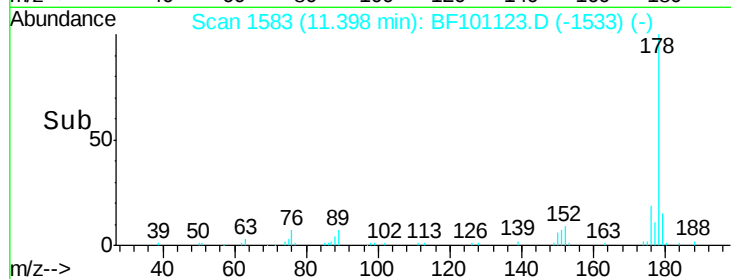
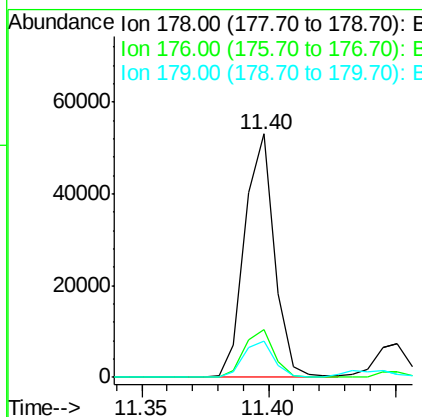
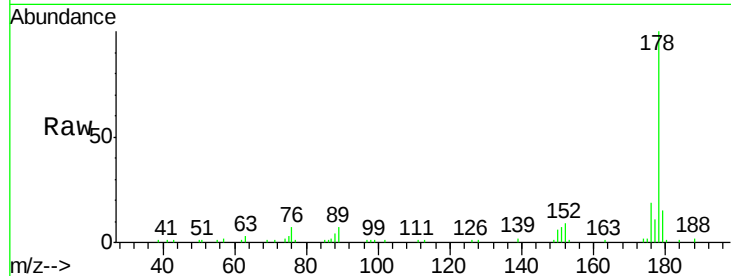
#70
Phenanthrene
Concen: 3.940 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Instrument :
BNA_F
ClientSampleId :
RT-1500

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.9	13.0	19.6

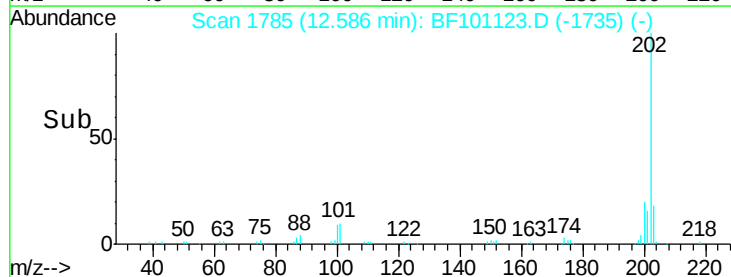
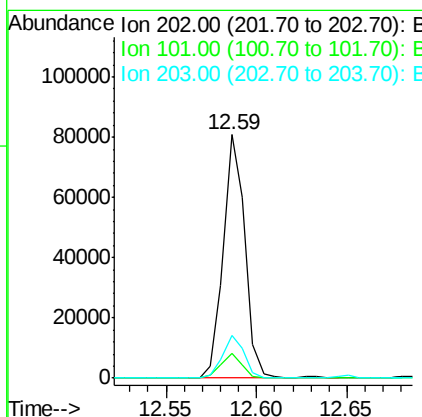
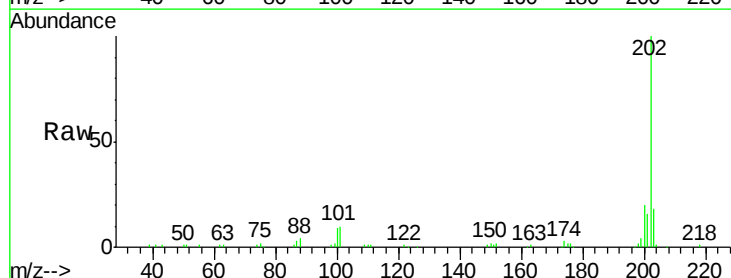
Manual Integrations
APPROVED

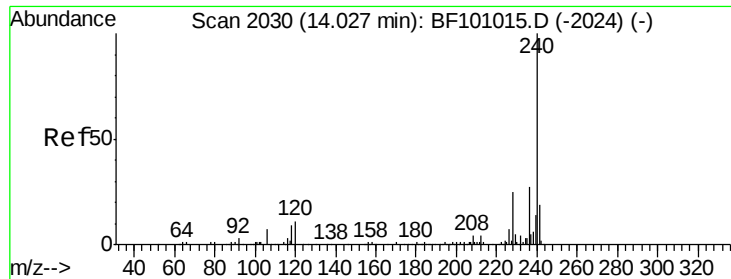
Sohil
12/6/2017 5:12:24 PM



#74
Fluoranthene
Concen: 5.497 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101123.D
Acq: 5 Dec 2017 14:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101123.D

Acq: 5 Dec 2017 14:42

Instrument :

BNA_F

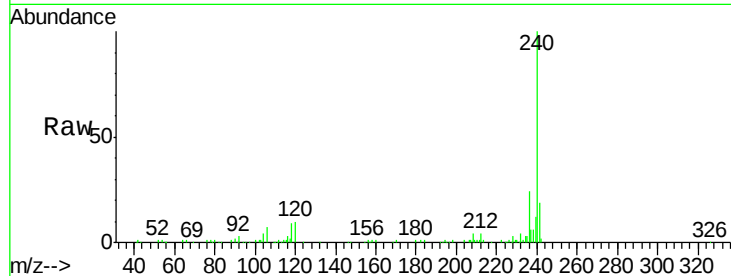
ClientSampleId :

RT-1500

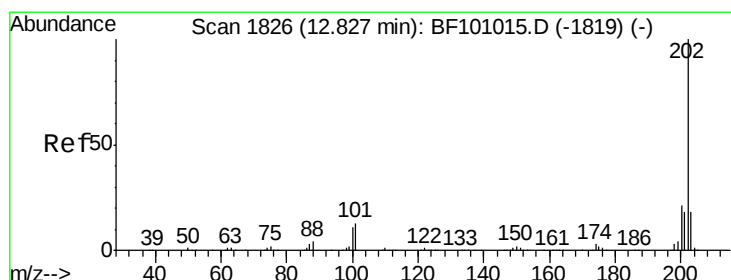
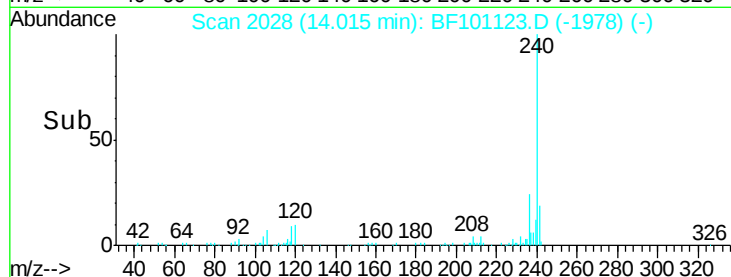
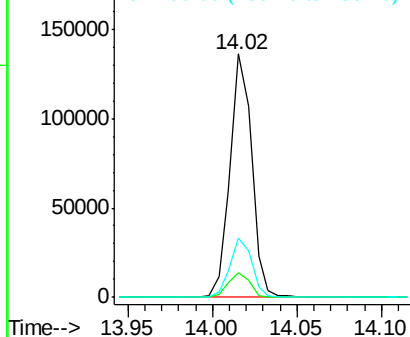
Tot Ion:	240	Resp:	121628
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	24.4	20.7	31.1

Manual Integrations
APPROVED

Sohil
12/6/2017 5:12:24 PM



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



#77

Pyrene

Concen: 5.243 ng

RT: 12.82 min Scan# 1824

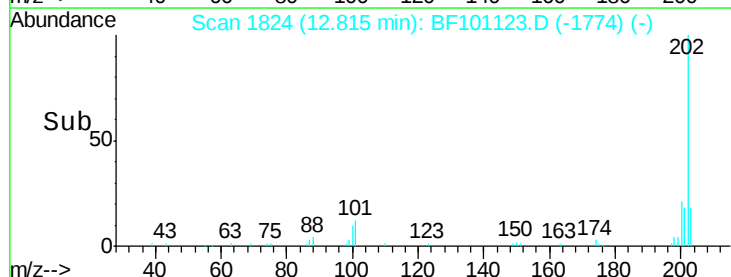
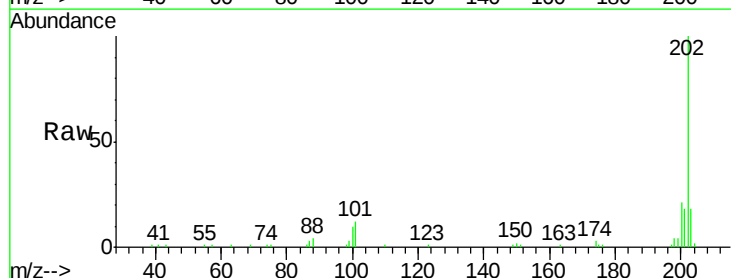
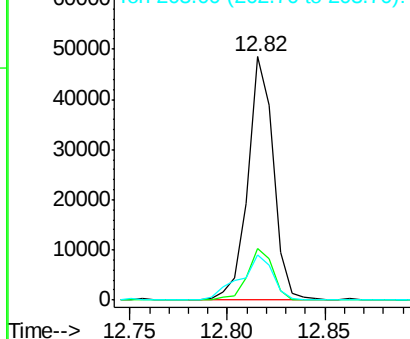
Delta R.T. -0.01 min

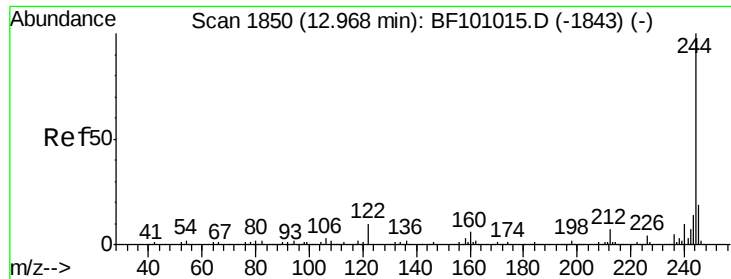
Lab File: BF101123.D

Acq: 5 Dec 2017 14:42

Tgt Ion:	202	Resp:	44001
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	18.4	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





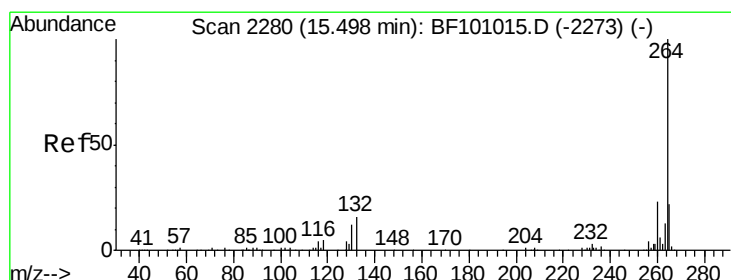
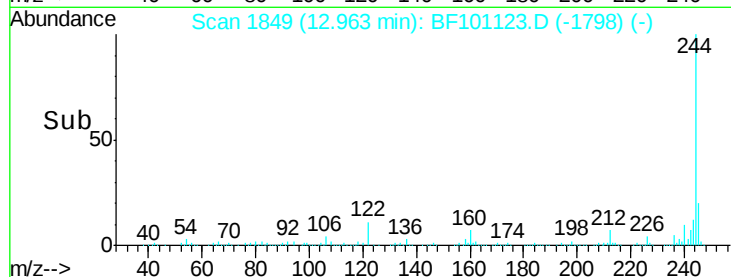
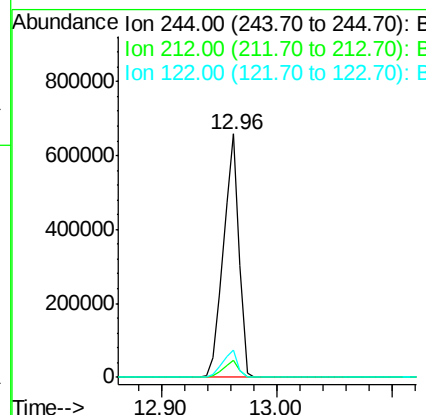
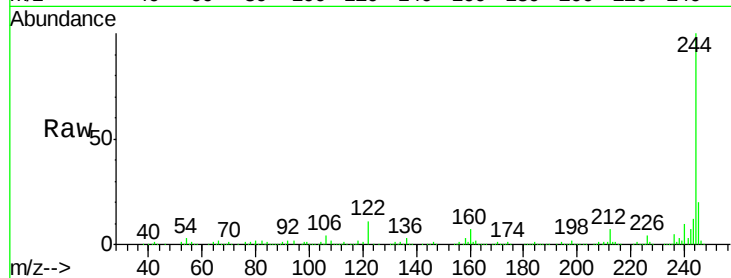
#78
 Terphenyl-d14
 Concen: 110.399 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101123.D
 Acq: 5 Dec 2017 14:42

Instrument :
 BNA_F
 ClientSampled :
 RT-1500

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.0	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:24 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101123.D
 Acq: 5 Dec 2017 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	19.8	17.5	26.3

