

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103079.D
 Acq On : 19 Feb 2018 13:52
 Operator : SJ/JU
 Sample : J1392-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021618

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:23 AM

Quant Time: Feb 19 16:54:53 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166687	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	660306	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	257185	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	372943	20.00	ng	0.00
75) Chrysene-d12	14.05	240	313969	20.00	ng	0.00
86) Perylene-d12	15.54	264	345022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1178572	107.38	ng	0.01
7) Phenol-d6	6.52	99	1369949	103.66	ng	0.00
23) Nitrobenzene-d5	7.45	82	890098	93.51	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	216727	104.70	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1185706	76.50	ng	0.00
78) Terphenyl-d14	13.00	244	797132	60.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	70603	3.521	ng	99
74) Fluoranthene	12.62	202	79817	3.819	ng	98
77) Pyrene	12.86	202	65833	2.674	ng	96
87) Benzo(b)fluoranthene	15.10	252	45855m	2.050	ng	

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

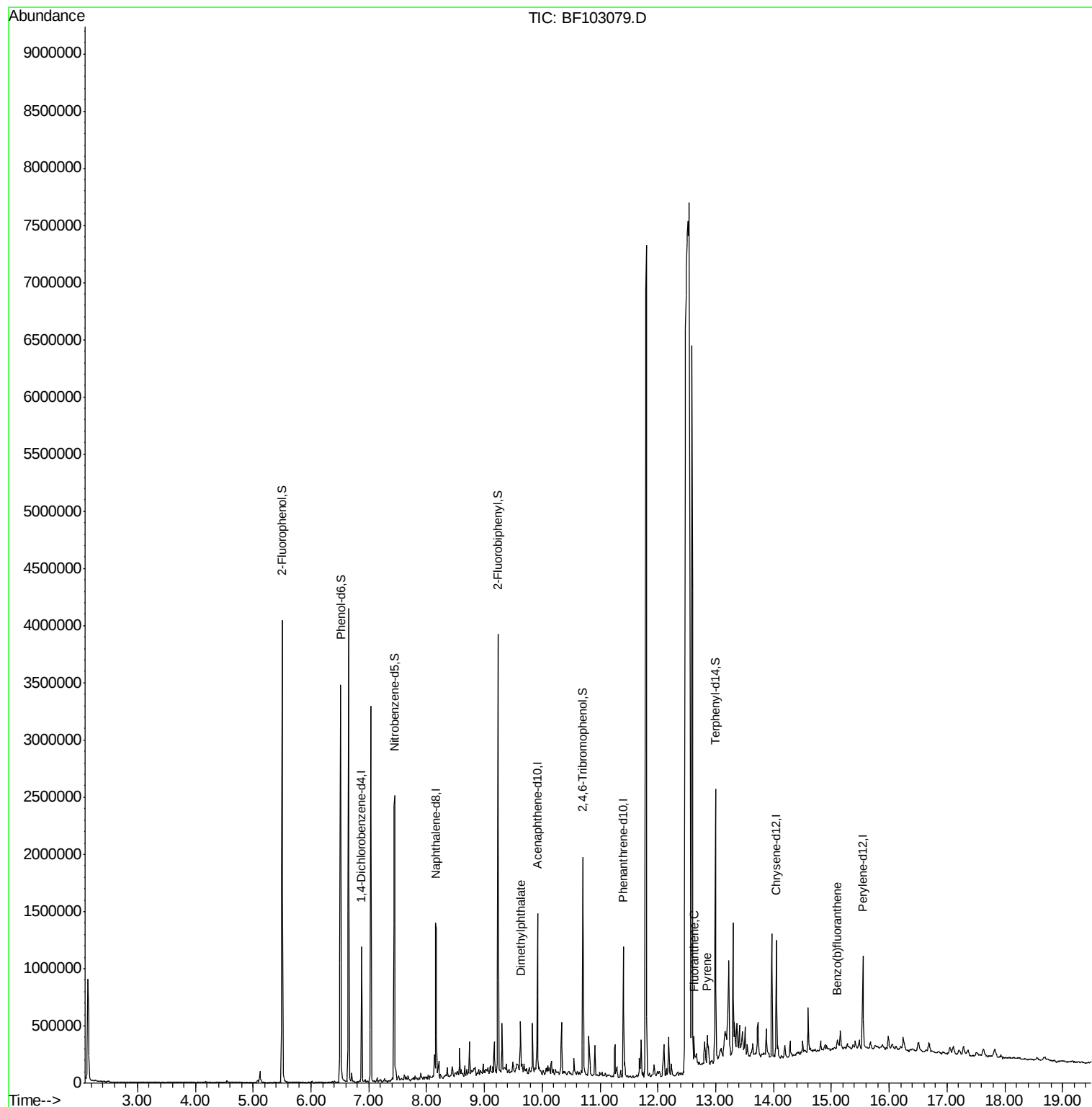
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103079.D
Acq On : 19 Feb 2018 13:52
Operator : SJ/JU
Sample : J1392-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

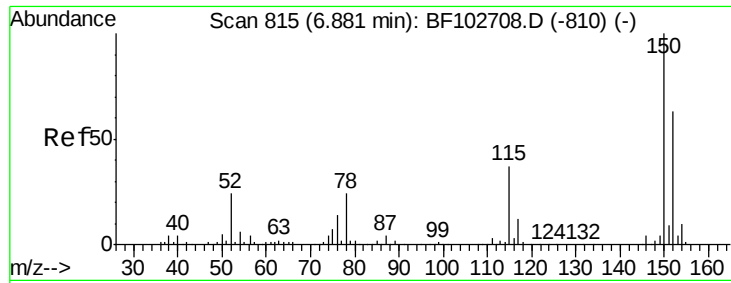
Instrument :
BNA_F
ClientSampleId :
BU-03-021618

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:23 AM

Quant Time: Feb 19 16:54:53 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration





#1

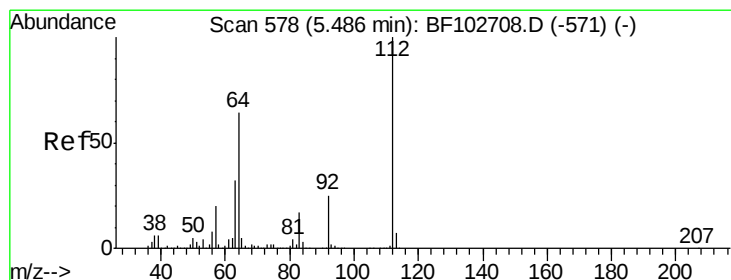
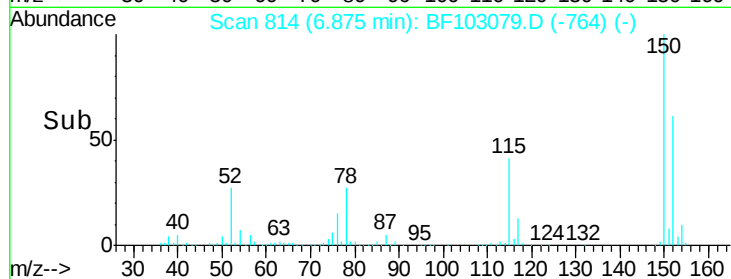
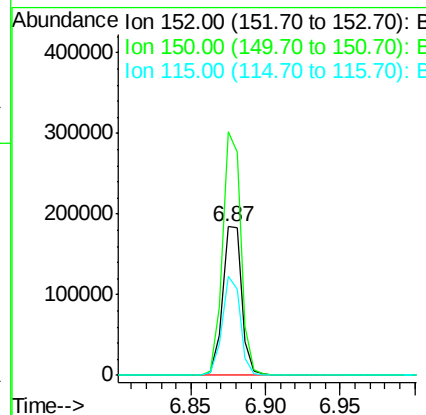
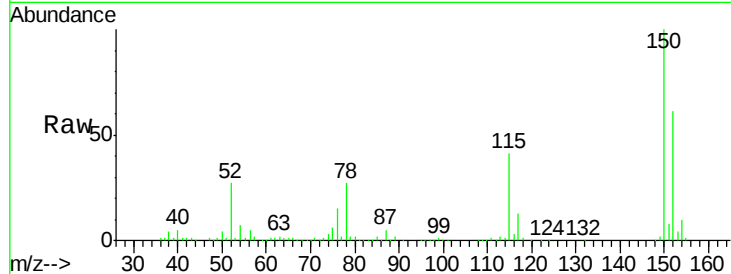
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103079.D
Acq: 19 Feb 2018 13:52

Instrument :
BNA_F
ClientSampleId :
BU-03-021618

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.2	124.6	186.8
115	67.2	50.1	75.1

Manual Integrations
APPROVED

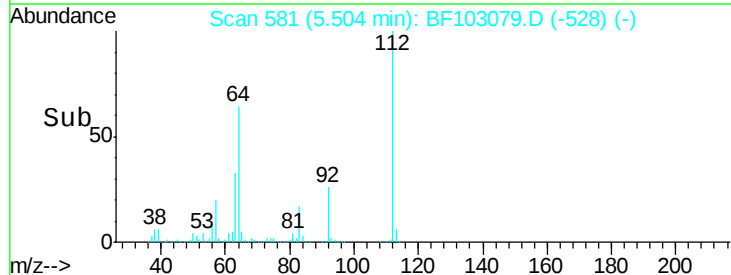
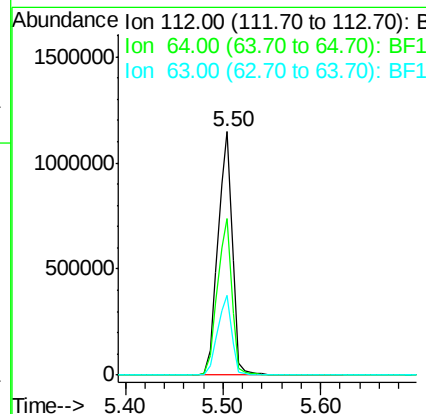
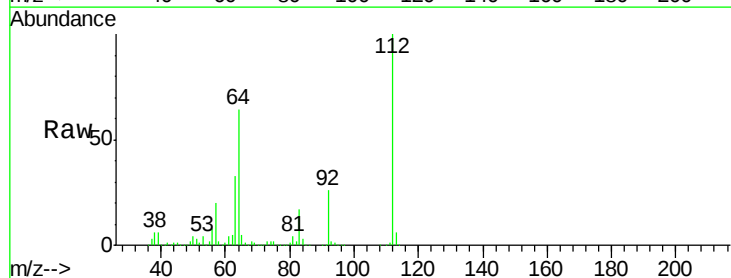
Sohil
2/20/2018 10:20:23 AM

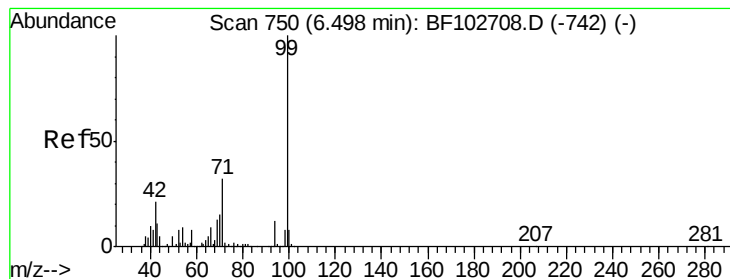


#5

2-Fluorophenol
Concen: 107.378 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103079.D
Acq: 19 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	32.5	23.7	35.5





#7

Phenol-d6

Concen: 103.661 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103079.D

Acq: 19 Feb 2018 13:52

Instrument :

BNA_F

ClientSampleId :

BU-03-021618

Tgt Ion: 99 Resp: 1369949

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

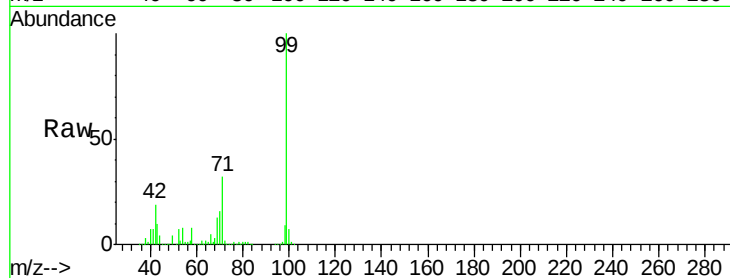
71 32.3 25.4 38.0

Manual Integrations

APPROVED

Sohil

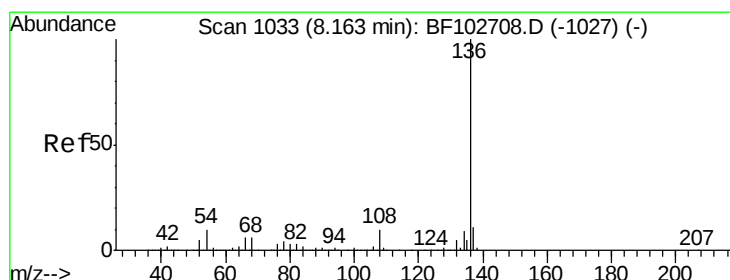
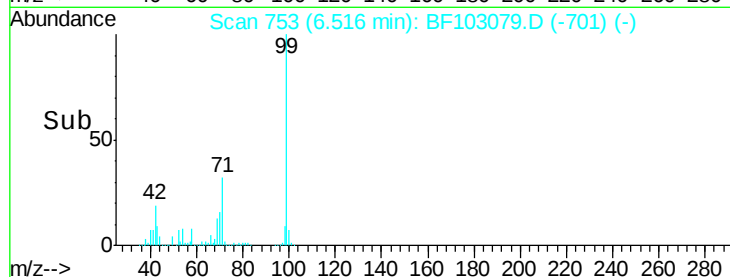
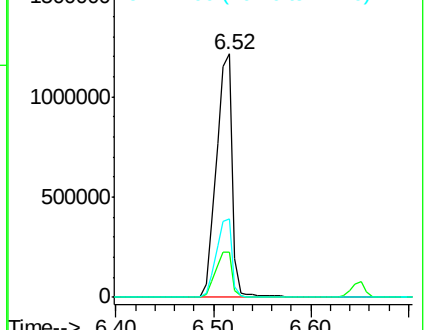
2/20/2018 10:20:23 AM



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103079.D

Acq: 19 Feb 2018 13:52

Tgt Ion: 136 Resp: 660306

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.9 6.6 9.8#

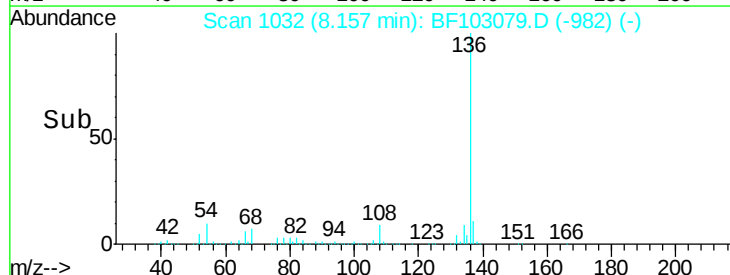
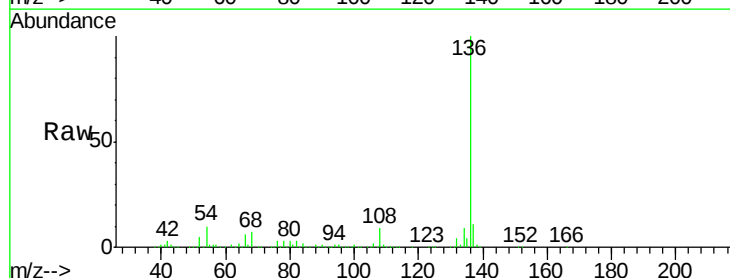
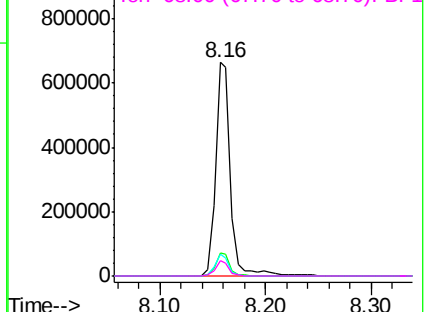
68 7.0 5.0 7.4

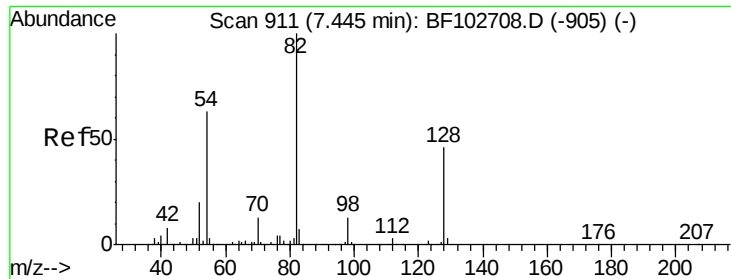
Abundance Ion 136.00 (135.70 to 136.70): E

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





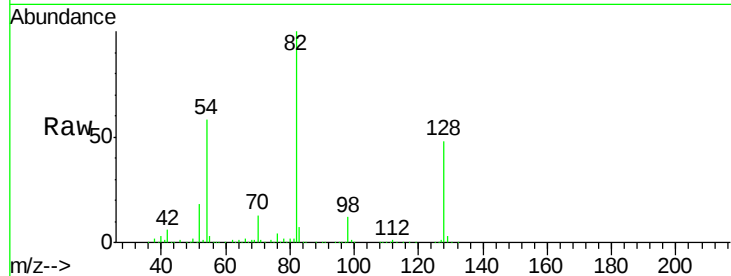
#23
 Nitrobenzene-d5
 Concen: 93.512 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103079.D
 Acq: 19 Feb 2018 13:52

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021618

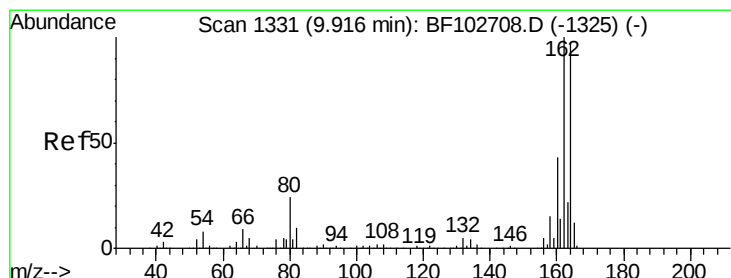
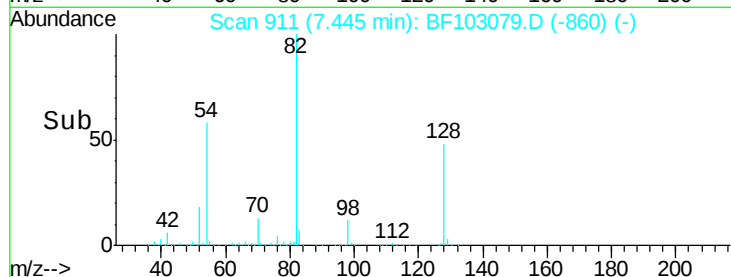
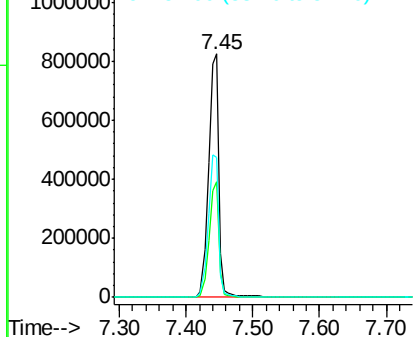
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	890098		
128	47.7	36.1	54.1	
54	57.6	41.4	62.2	

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:23 AM



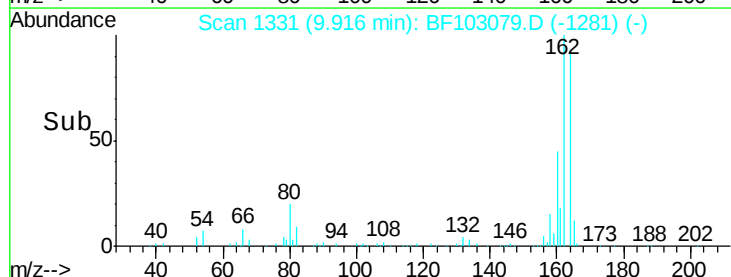
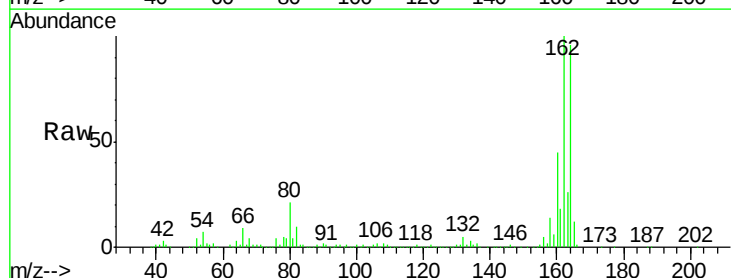
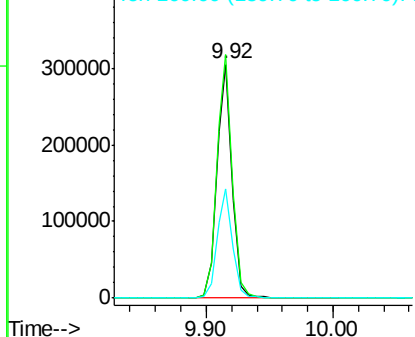
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

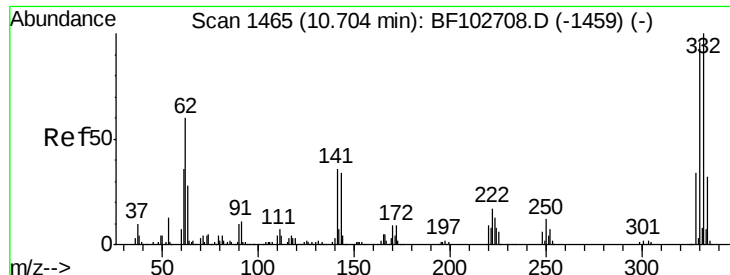


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103079.D
 Acq: 19 Feb 2018 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	257185		
162	104.3	86.1	129.1	
160	46.7	38.3	57.5	

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: 104.697 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF103079.D

Acq: 19 Feb 2018 13:52

Instrument :

BNA_F

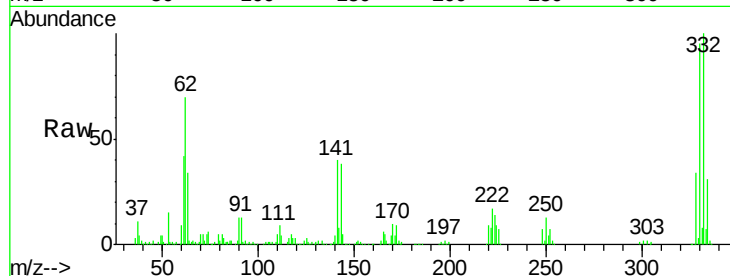
ClientSampleId :

BU-03-021618

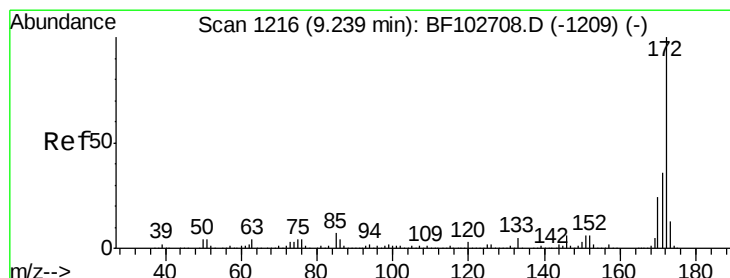
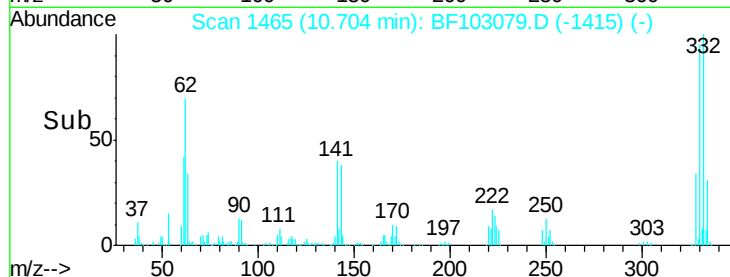
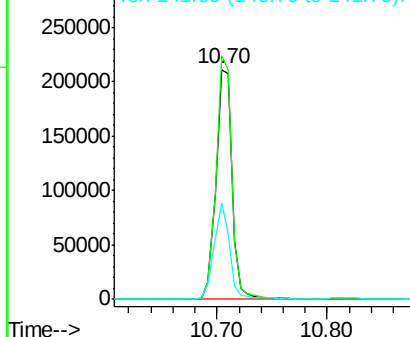
Tgt Ion:	330	Resp:	216727
Ion Ratio	Lower	Upper	
330	100		
332	102.6	77.0	115.6
141	39.7	29.9	44.9

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:23 AM



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: 76.502 ng

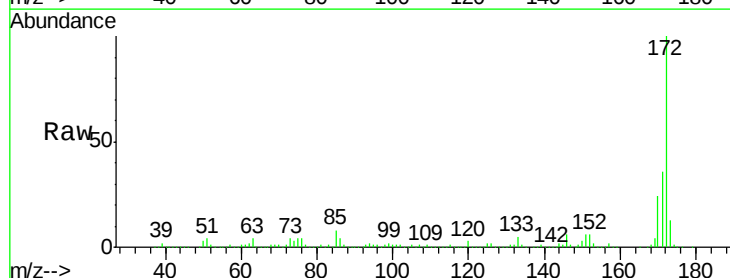
RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

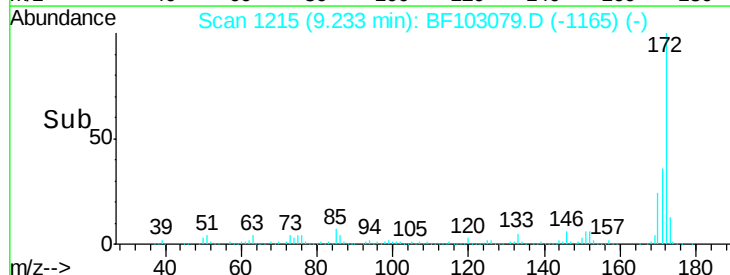
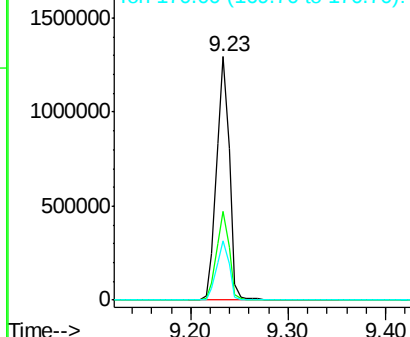
Lab File: BF103079.D

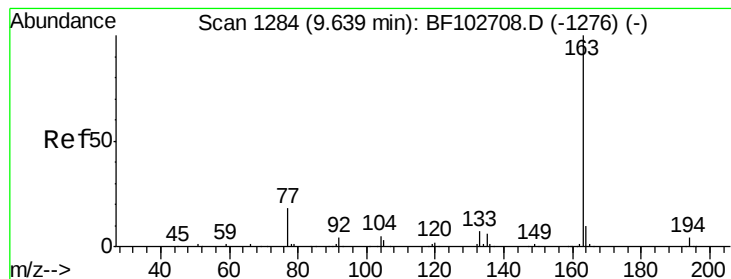
Acq: 19 Feb 2018 13:52

Tgt Ion:	172	Resp:	1185706
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	24.4	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: 3.521 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103079.D

Acq: 19 Feb 2018 13:52

Instrument :

BNA_F

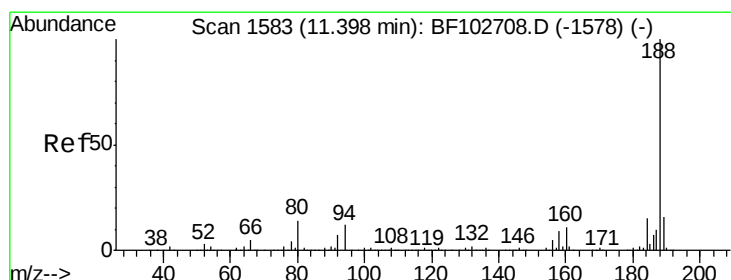
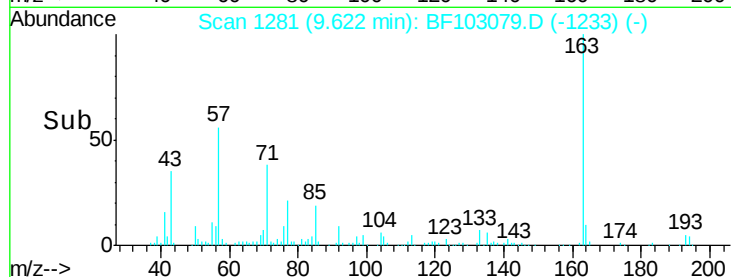
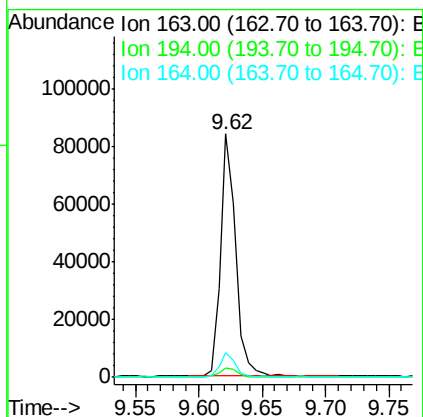
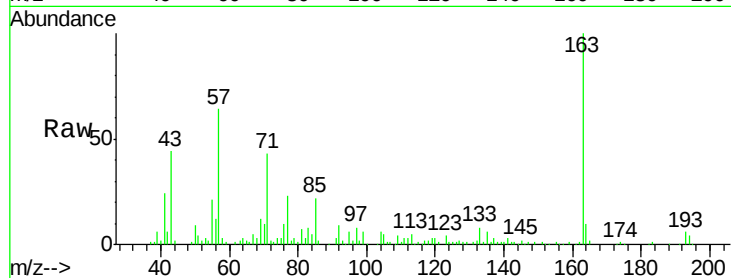
ClientSampleId :

BU-03-021618

Tgt Ion:	163	Resp:	70603
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:23 AM



#63

Phenanthrene-d10

Concen: 20.000 ng

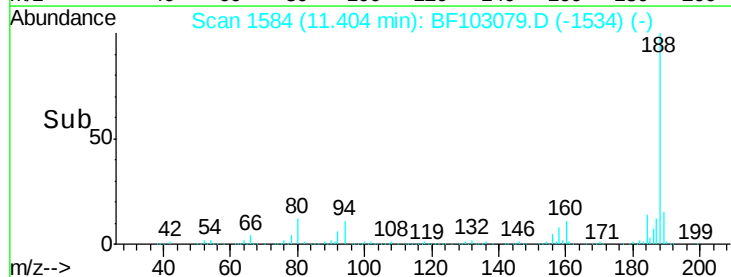
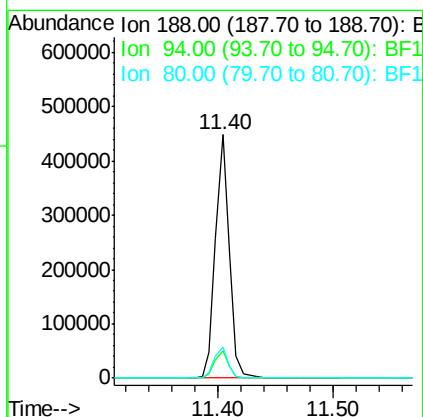
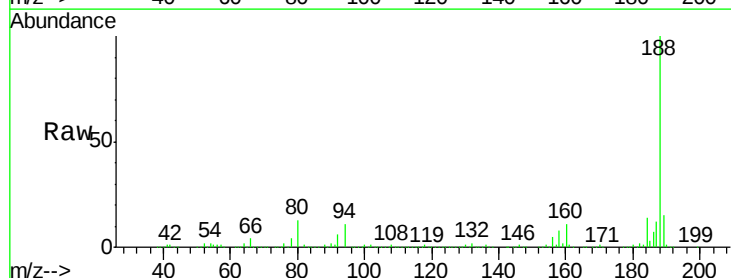
RT: 11.40 min Scan# 1584

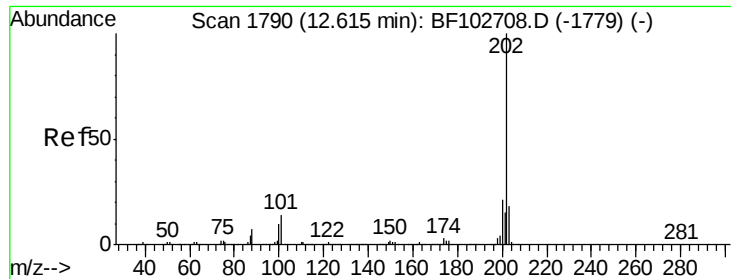
Delta R.T. -0.01 min

Lab File: BF103079.D

Acq: 19 Feb 2018 13:52

Tgt Ion:	188	Resp:	372943
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	12.5	9.2	13.8





#74

Fluoranthene

Concen: 3.819 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103079.D

Acq: 19 Feb 2018 13:52

Instrument :

BNA_F

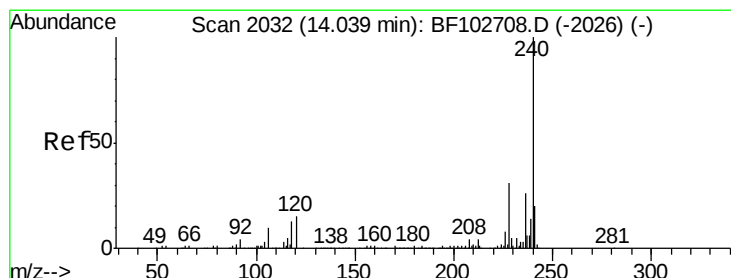
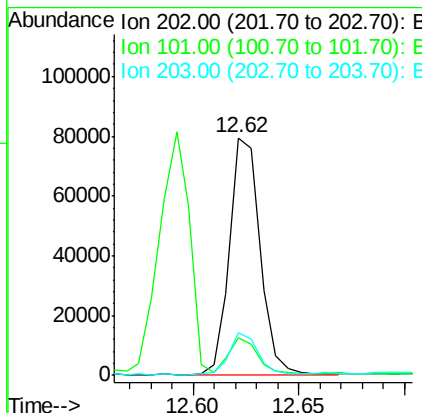
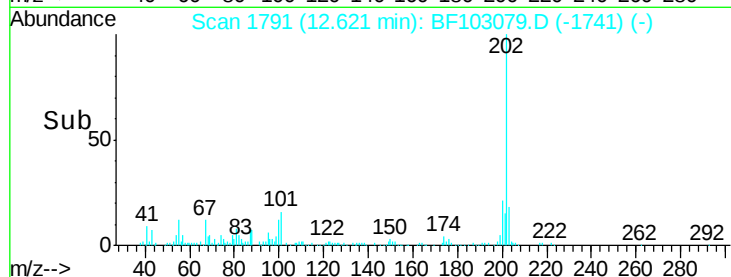
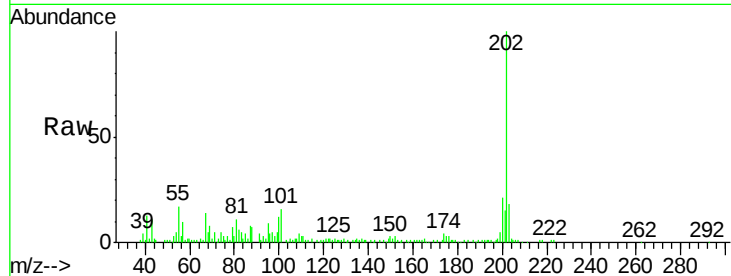
ClientSampleId :

BU-03-021618

Tgt	Ion	202	Resp:	79817
Ion	Ratio	100	Lower	Upper
202	100			
101	16.0	0.0	34.1	
203	17.9	0.0	38.1	

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:23 AM



#75

Chrysene-d12

Concen: 20.000 ng

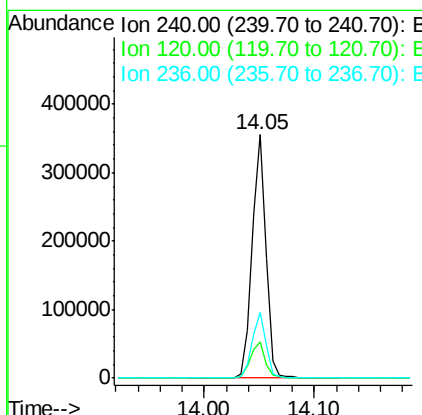
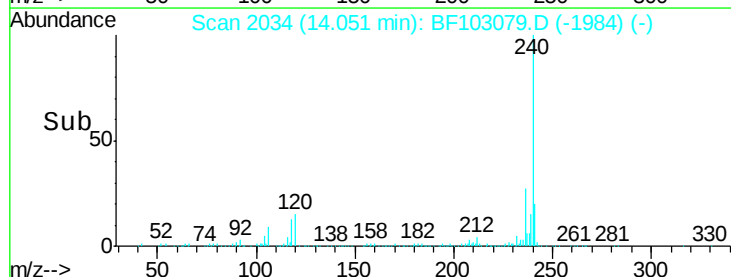
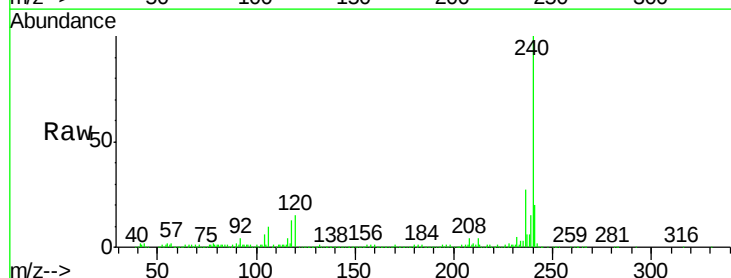
RT: 14.05 min Scan# 2034

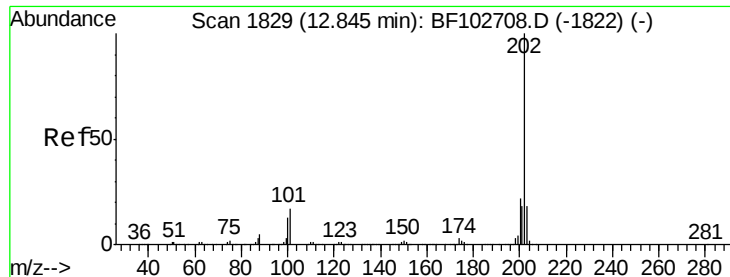
Delta R.T. -0.01 min

Lab File: BF103079.D

Acq: 19 Feb 2018 13:52

Tgt	Ion	240	Resp:	313969
Ion	Ratio	100	Lower	Upper
240	100			
120	15.0	9.5	14.3#	
236	26.9	20.7	31.1	





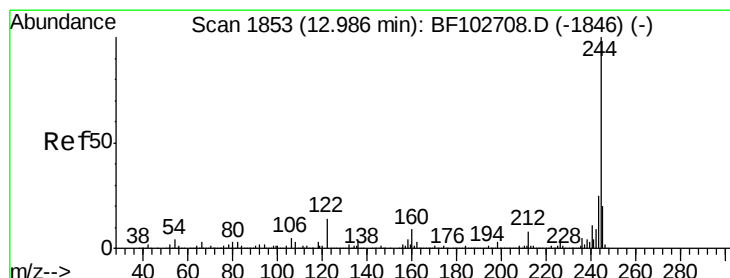
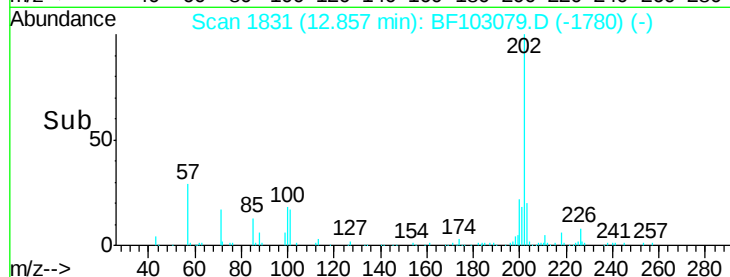
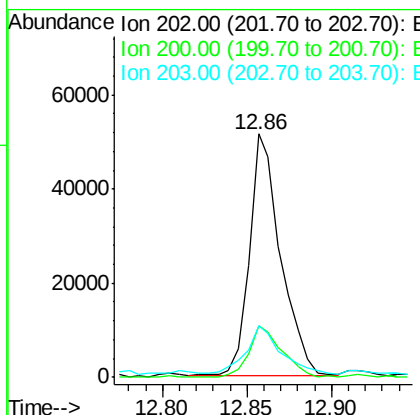
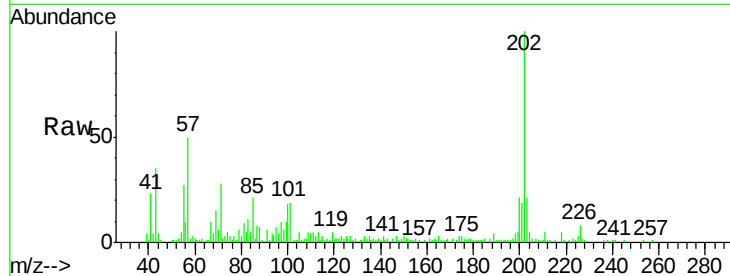
#77
 Pyrene
 Concen: 2.674 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF103079.D
 Acq: 19 Feb 2018 13:52

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-021618

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	21.3	14.3	21.5

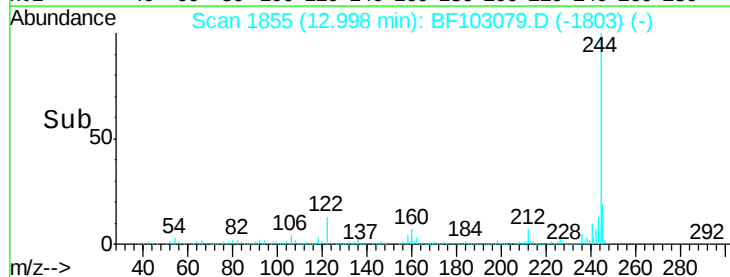
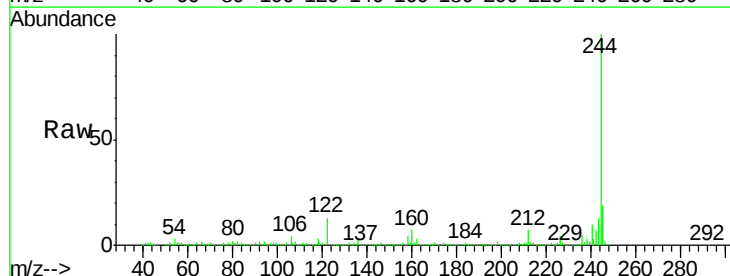
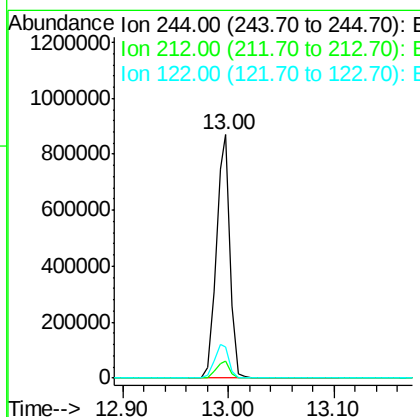
Manual Integrations
 APPROVED

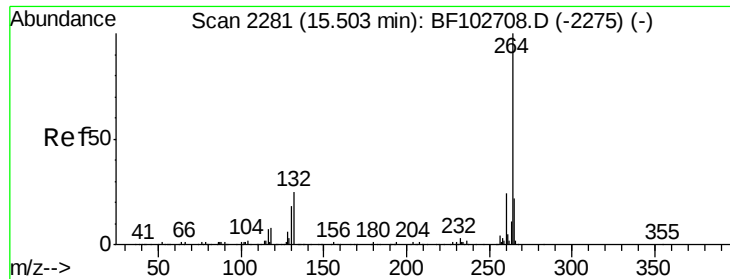
Sohil
 2/20/2018 10:20:23 AM



#78
 Terphenyl-d14
 Concen: 60.115 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BF103079.D
 Acq: 19 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.8	11.0	16.4





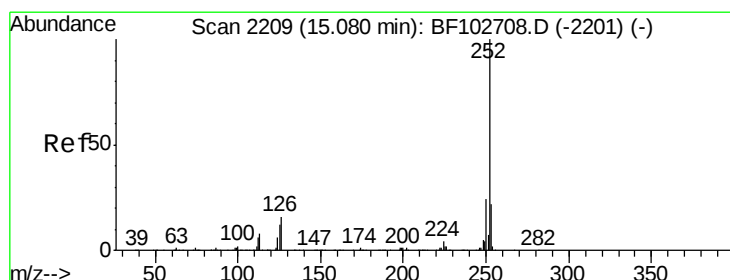
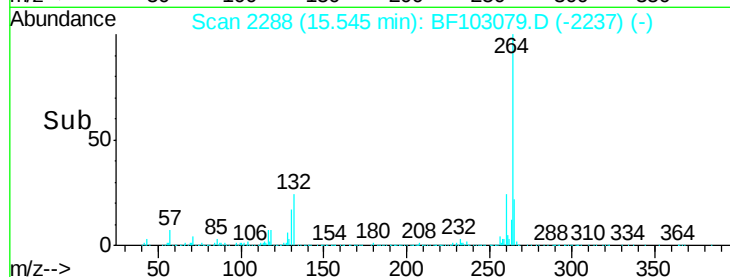
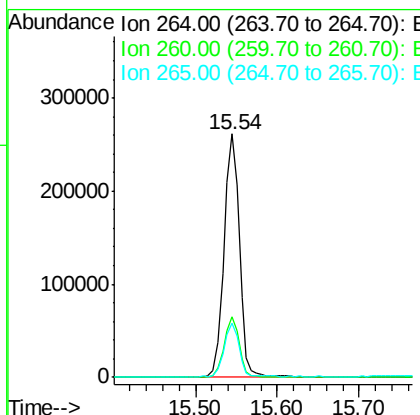
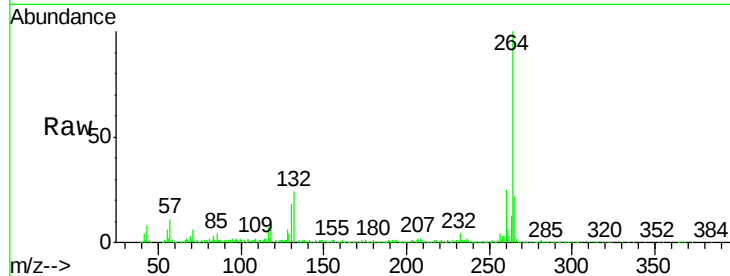
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103079.D
Acq: 19 Feb 2018 13:52

Instrument :
BNA_F
ClientSampleId :
BU-03-021618

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:23 AM



#87
Benzo(b)fluoranthene
Concen: 2.050 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103079.D
Acq: 19 Feb 2018 13:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	17.7	9.0	13.6#

