

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102835.D
 Acq On : 8 Feb 2018 00:50
 Operator : SJ/JU
 Sample : J1473-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3

Manual Integrations
 APPROVED

Sohil
 2/8/2018 1:41:50 PM

Quant Time: Feb 08 06:44:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187959	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	757016	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	301991	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	452196	20.00	ng	0.00
75) Chrysene-d12	14.05	240	349894	20.00	ng	0.00
86) Perylene-d12	15.53	264	272291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1381116	111.59	ng	0.02
7) Phenol-d6	6.52	99	1622099	108.85	ng	0.01
23) Nitrobenzene-d5	7.45	82	1011513	92.69	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	274925	113.11	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1517514	83.38	ng	0.00
78) Terphenyl-d14	13.00	244	1116523	75.56	ng	0.00
Target Compounds						
10) Phenol	6.52	94	39991	2.504	ng	# 63
49) Dimethylphthalate	9.63	163	93494	3.971	ng	# 98
70) Phenanthrene	11.43	178	82235	3.265	ng	98
74) Fluoranthene	12.62	202	140439	5.543	ng	99
77) Pyrene	12.85	202	114446	4.171	ng	98
80) Benzo(a)anthracene	14.04	228	44249	2.011	ng	98
82) Chrysene	14.07	228	55968m	2.523	ng	
87) Benzo(b)fluoranthene	15.09	252	54780m	3.103	ng	

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

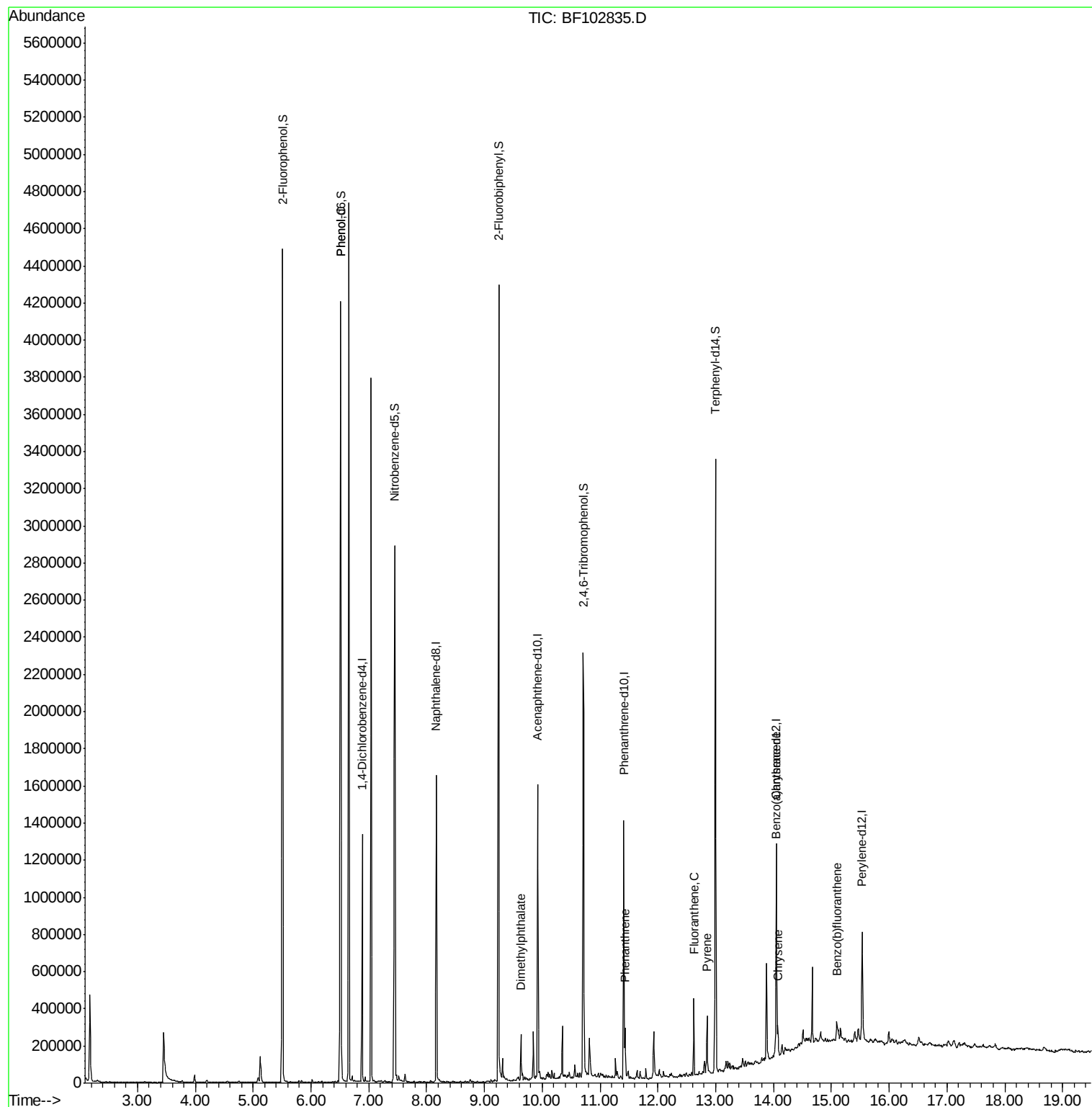
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102835.D
Acq On : 8 Feb 2018 00:50
Operator : SJ/JU
Sample : J1473-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

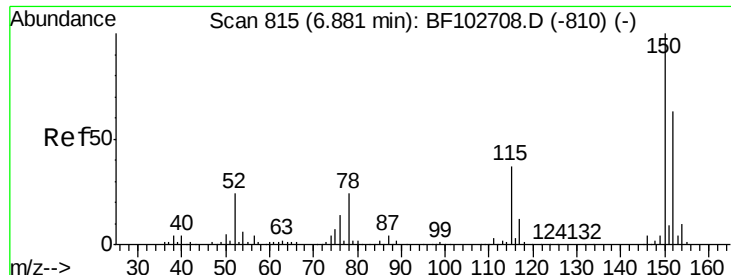
Instrument :
BNA_F
ClientSampled :
B3

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:50 PM

Quant Time: Feb 08 06:44:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration





#1

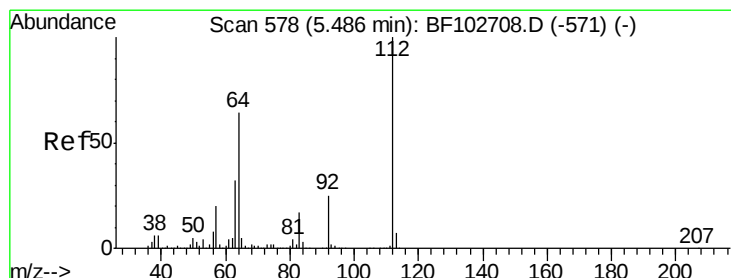
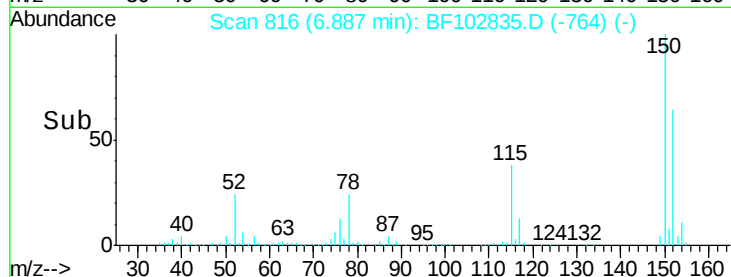
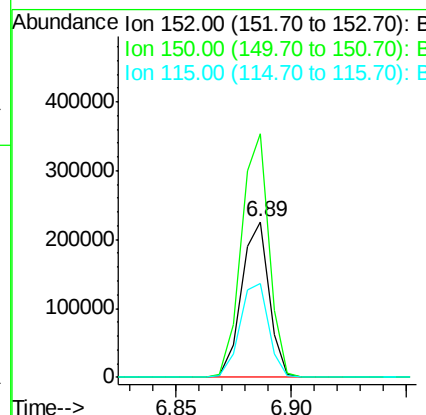
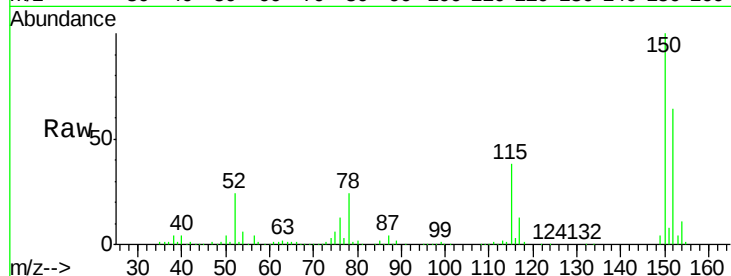
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102835.D
Acq: 8 Feb 2018 00:50

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	60.0	50.1	75.1

Manual Integrations
APPROVED

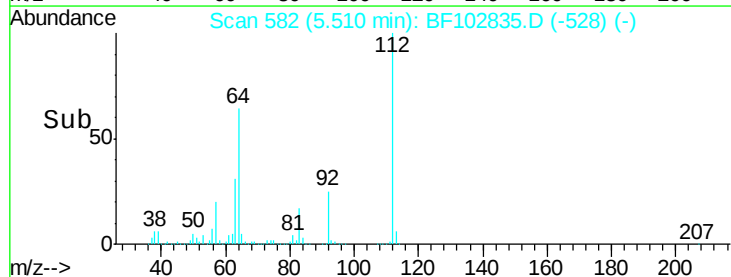
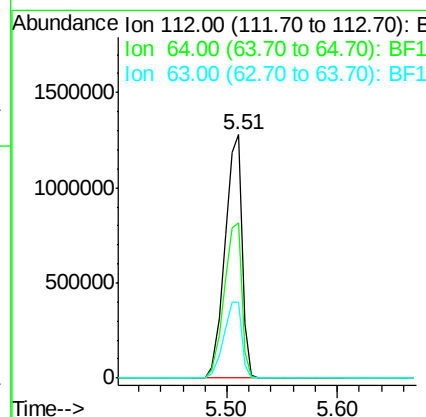
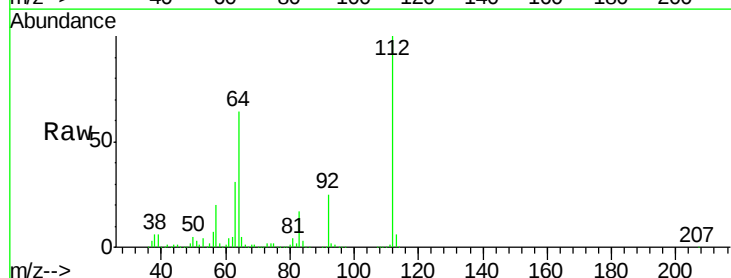
Sohil
2/8/2018 1:41:50 PM

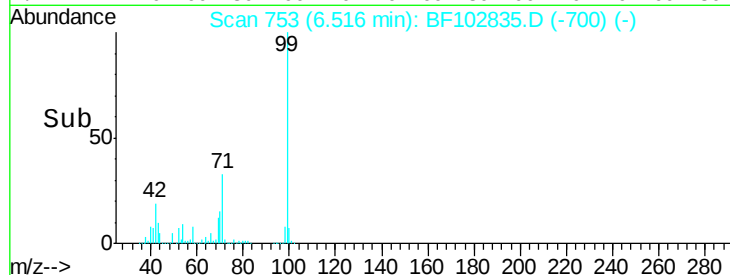
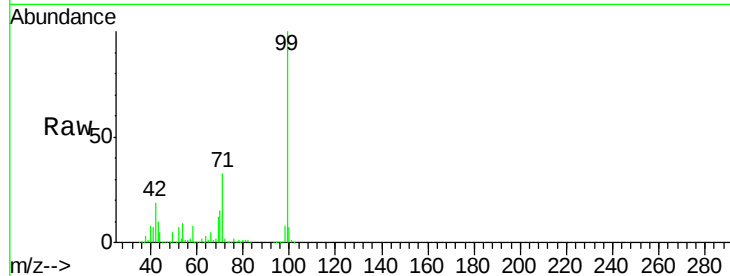
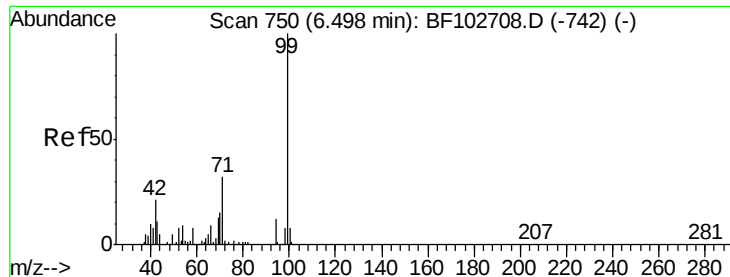


#5

2-Fluorophenol
Concen: 111.591 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102835.D
Acq: 8 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	31.4	23.7	35.5





#7

Phenol-d6

Concen: 108.849 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Tot Ion: 99 Resp: 1622099

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.8 25.4 38.0

Instrument :

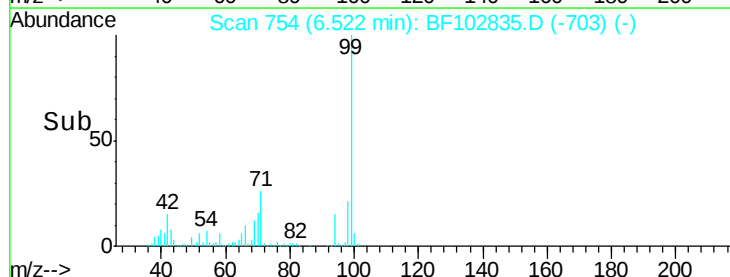
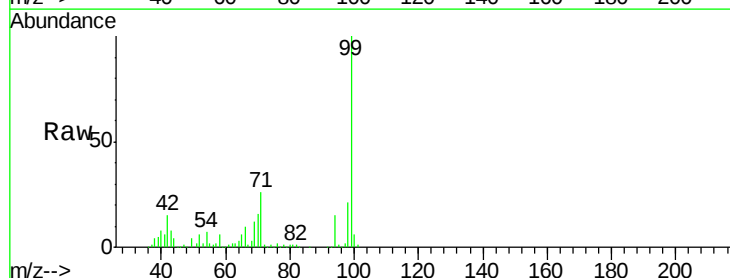
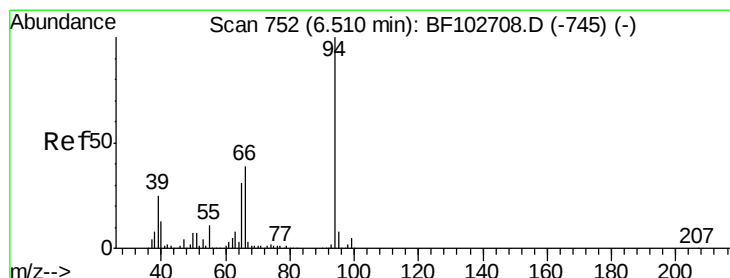
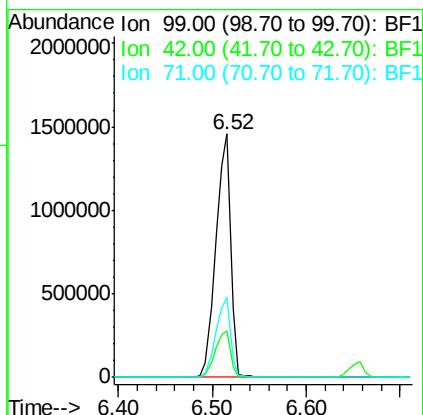
BNA_F

ClientSampled :

B3

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:50 PM



#10

Phenol

Concen: 2.504 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

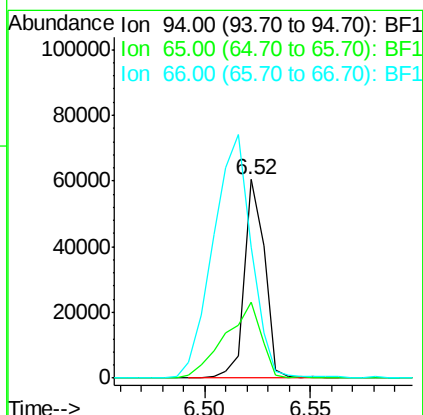
Tgt Ion: 94 Resp: 39991

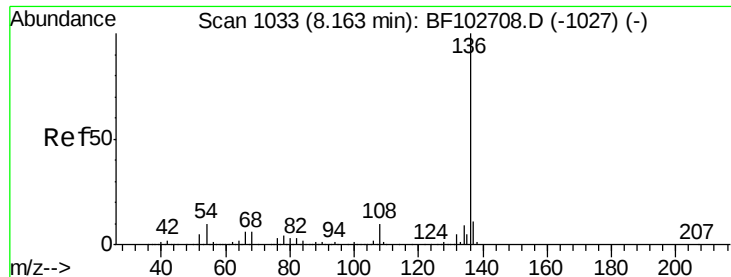
Ion Ratio Lower Upper

94 100

65 38.4 7.9 47.9

66 66.1 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Instrument :

BNA_F

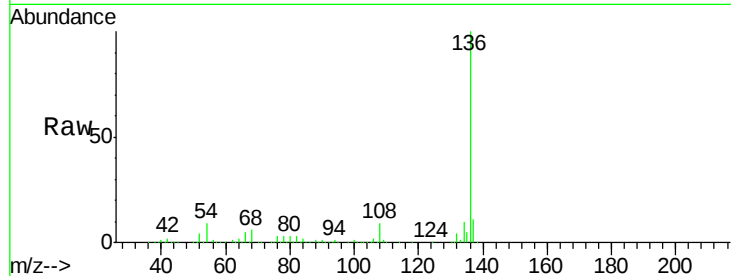
ClientSampleId :

B3

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	6.3	5.0	7.4

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:50 PM

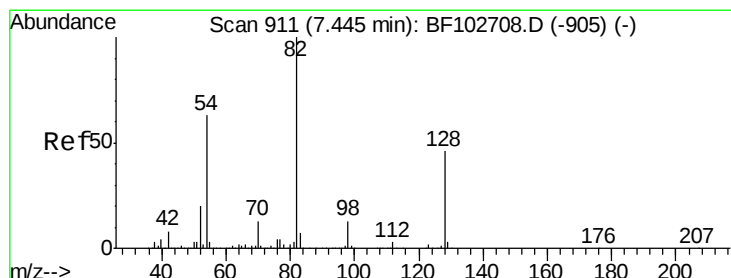
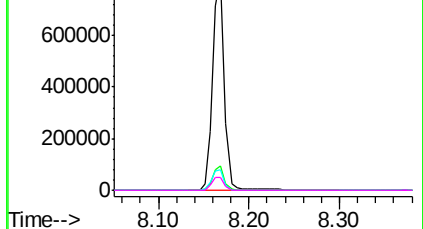
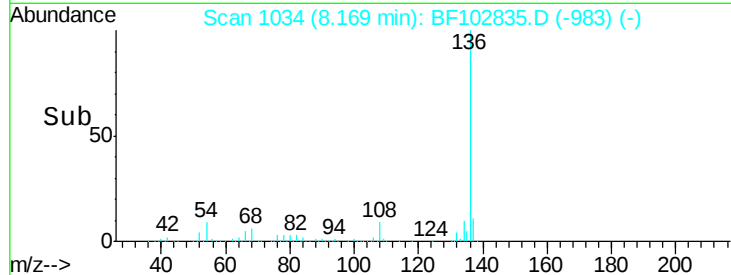


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.692 ng

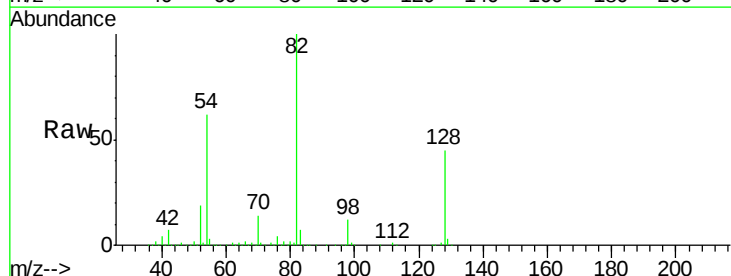
RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

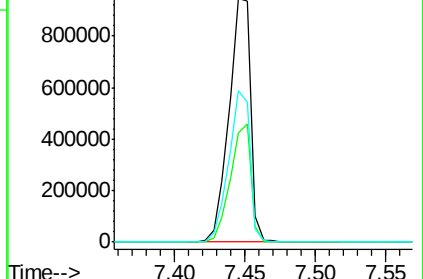
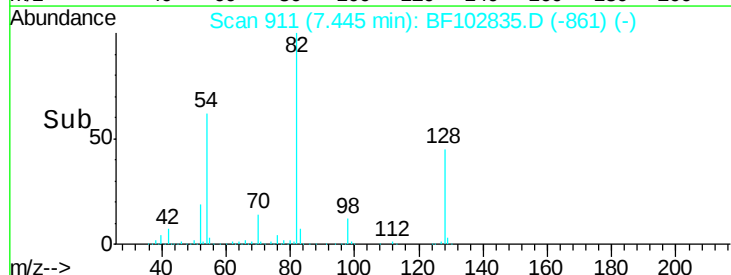
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	62.2	41.4	62.2#

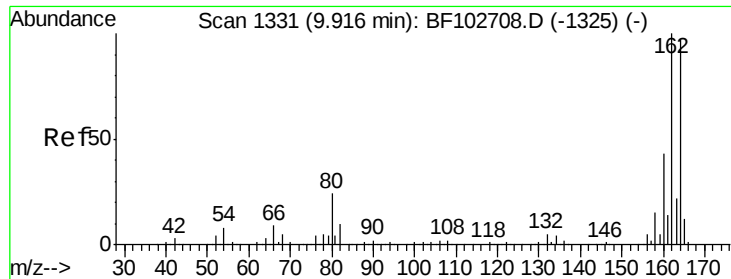


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Instrument :

BNA_F

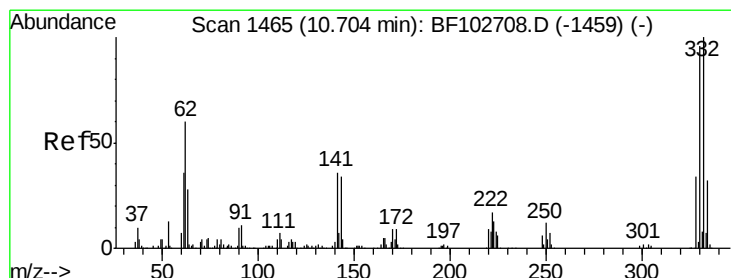
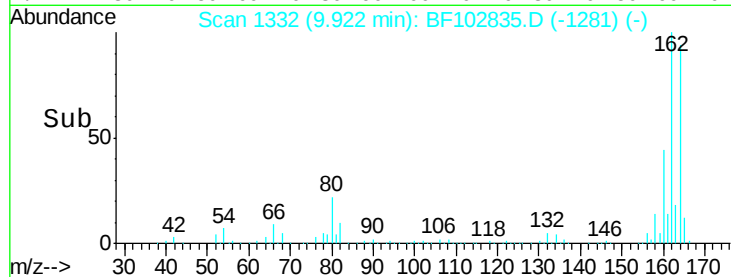
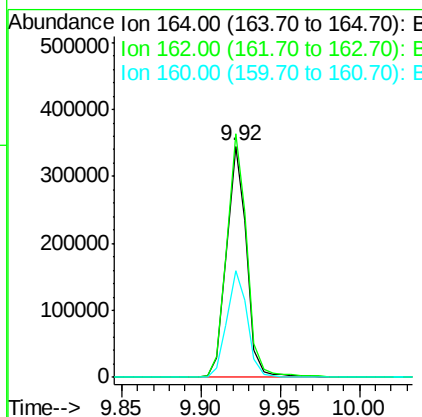
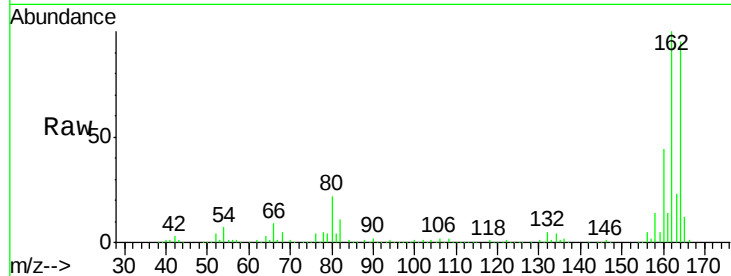
ClientSampled :

B3

Tot Ion:	164	Resp:	301991
Ion Ratio	Lower	Upper	
164	100		
162	105.3	86.1	129.1
160	45.9	38.3	57.5

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:50 PM



#41

2,4,6-Tribromophenol

Concen: 113.106 ng

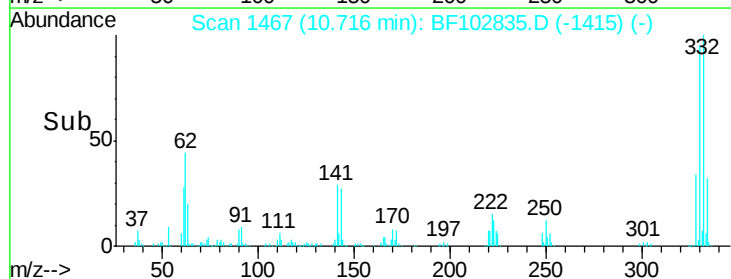
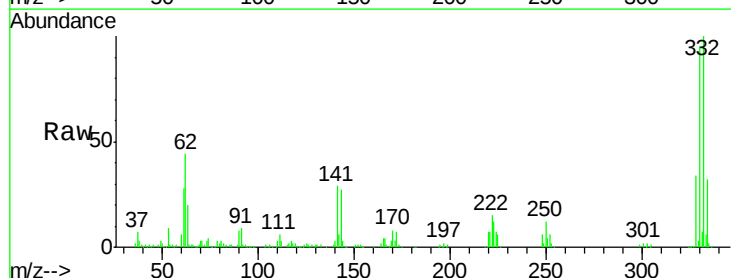
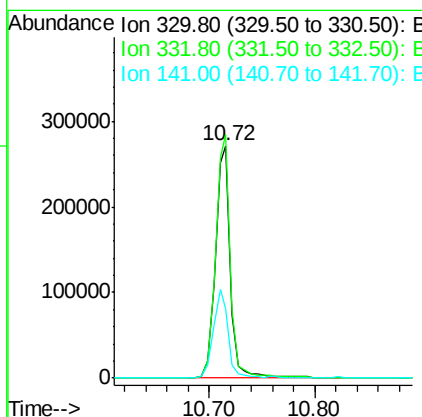
RT: 10.72 min Scan# 1467

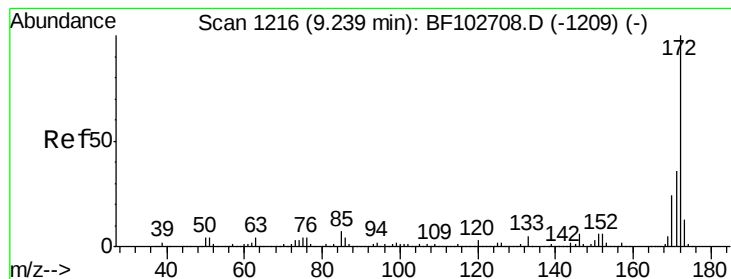
Delta R.T. 0.01 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Tgt Ion:	330	Resp:	274925
Ion Ratio	Lower	Upper	
330	100		
332	103.3	77.0	115.6
141	38.5	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 83.383 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Instrument :

BNA_F

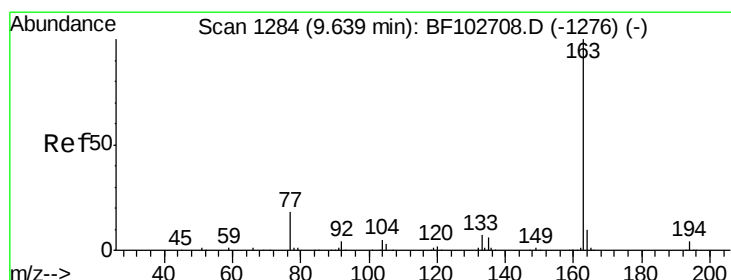
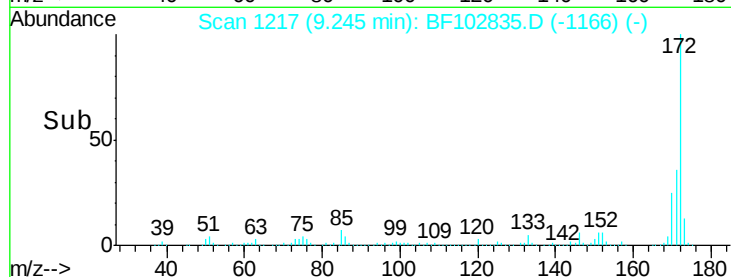
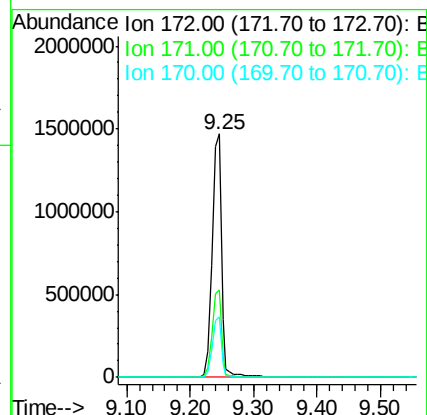
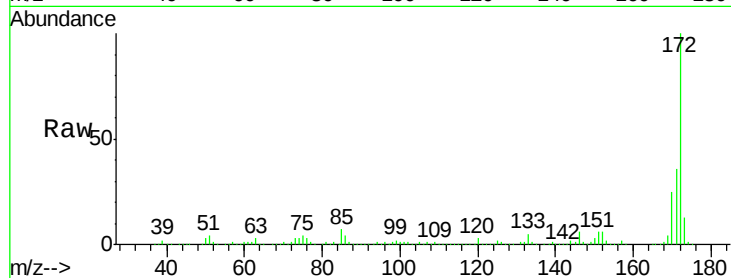
ClientSampled :

B3

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.9	19.6	29.4

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:50 PM



#49

Dimethylphthalate

Concen: 3.971 ng

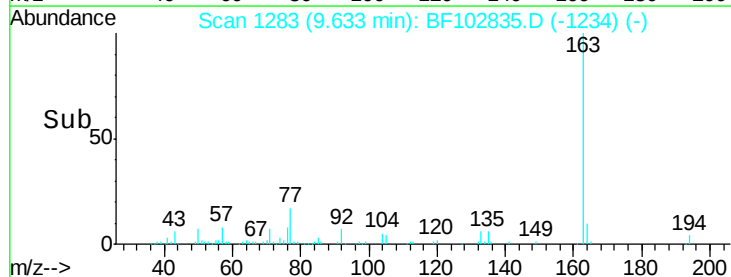
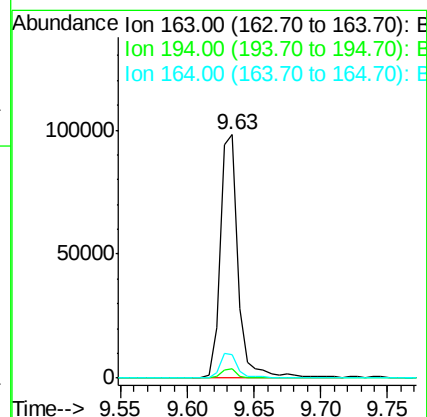
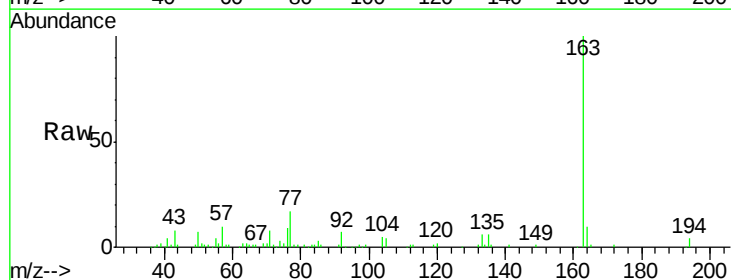
RT: 9.63 min Scan# 1283

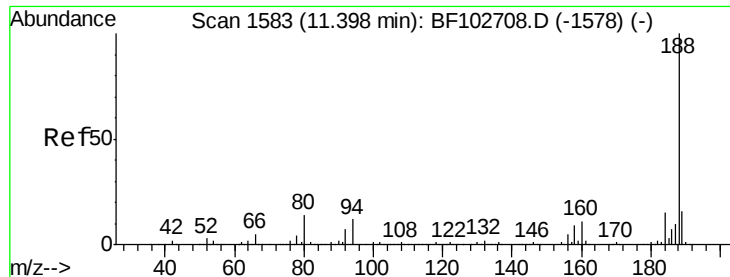
Delta R.T. -0.01 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.6	8.2	12.2





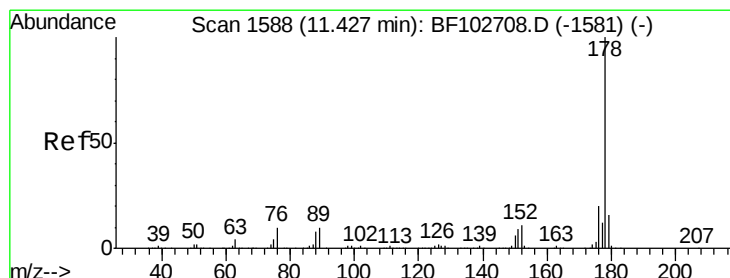
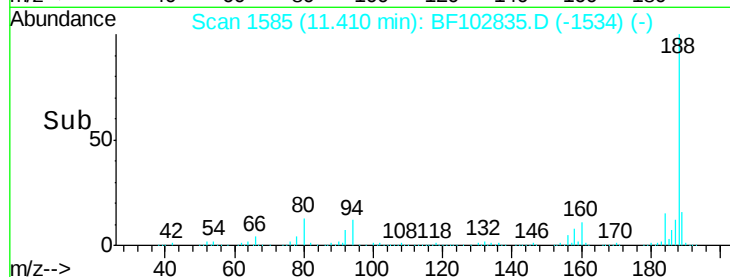
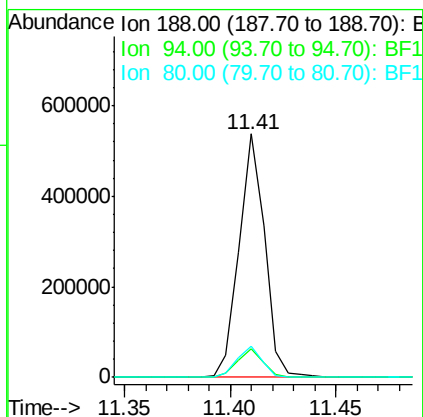
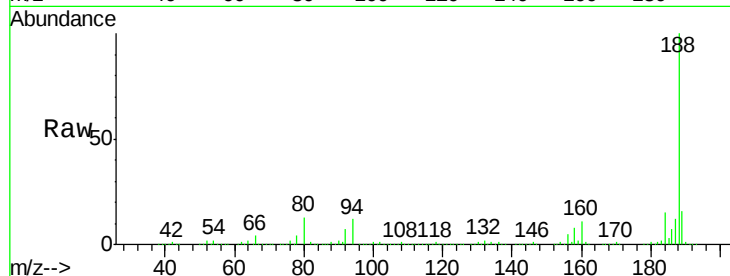
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102835.D
Acq: 8 Feb 2018 00:50

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	452196		
94	11.5		8.5	12.7
80	12.5		9.2	13.8

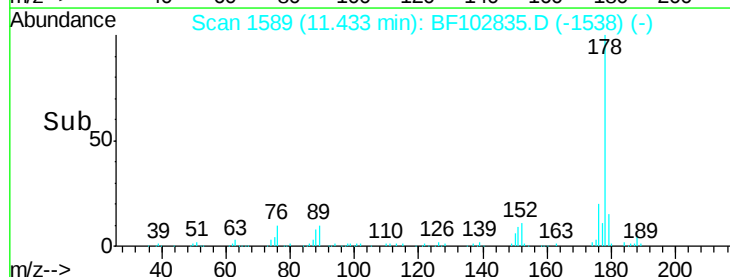
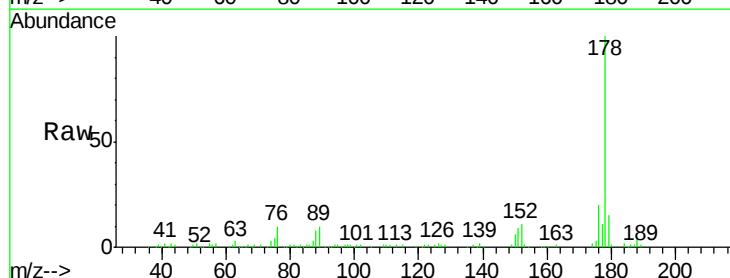
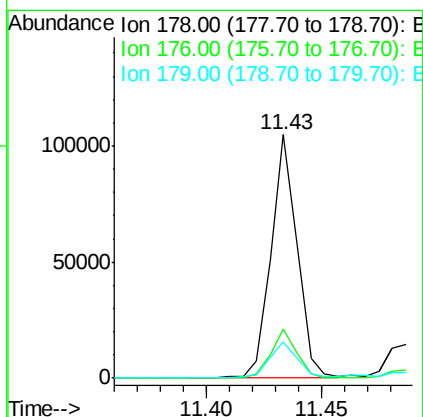
Manual Integrations
APPROVED

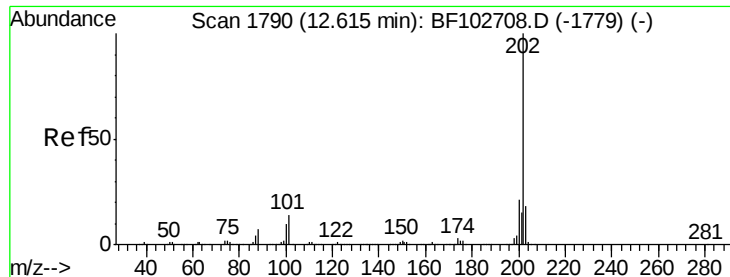
Sohil
2/8/2018 1:41:50 PM



#70
Phenanthrene
Concen: 3.265 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF102835.D
Acq: 8 Feb 2018 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	82235		
176	19.9		15.8	23.8
179	14.8		13.0	19.6





#74

Fluoranthene

Concen: 5.543 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Instrument :

BNA_F

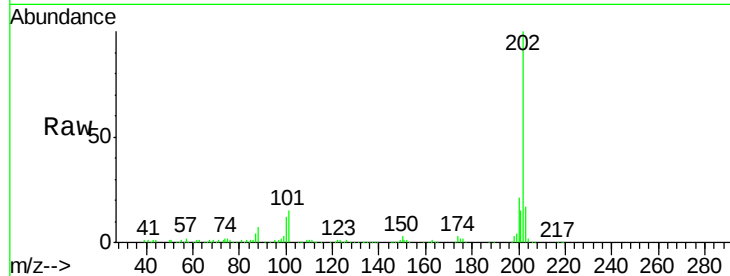
ClientSampled :

B3

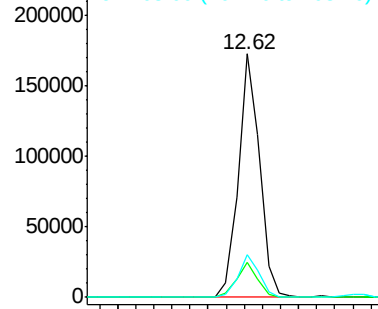
Tot Ion:	202	Resp:	140439
Ion Ratio		Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
APPROVED

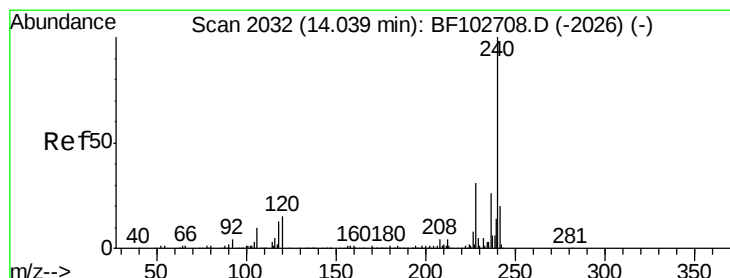
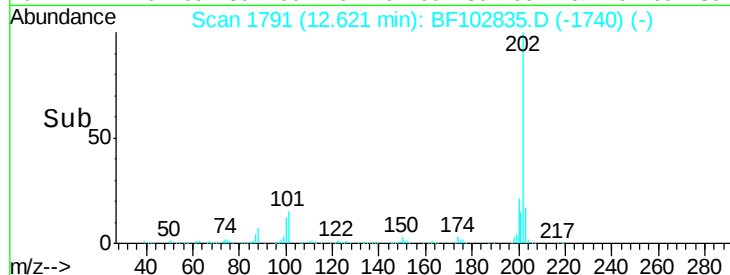
Sohil
2/8/2018 1:41:50 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

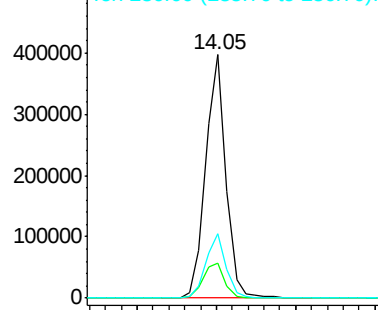
Delta R.T. 0.00 min

Lab File: BF102835.D

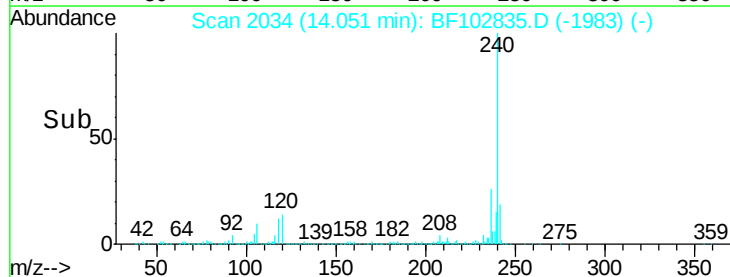
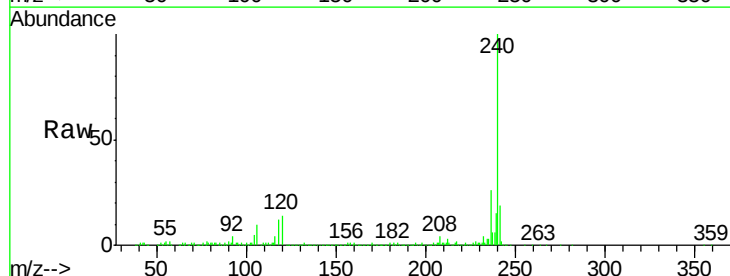
Acq: 8 Feb 2018 00:50

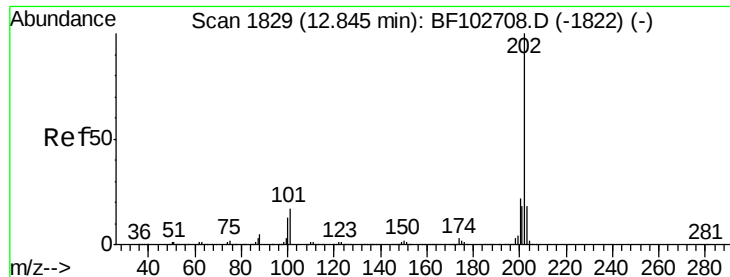
Tgt Ion:	240	Resp:	349894
Ion Ratio		Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.4	20.7	31.1

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



Time-->





#77

Pvrene

Concen: 4.171 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Instrument :

BNA_F

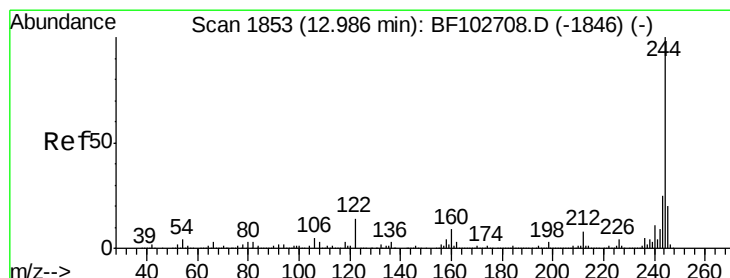
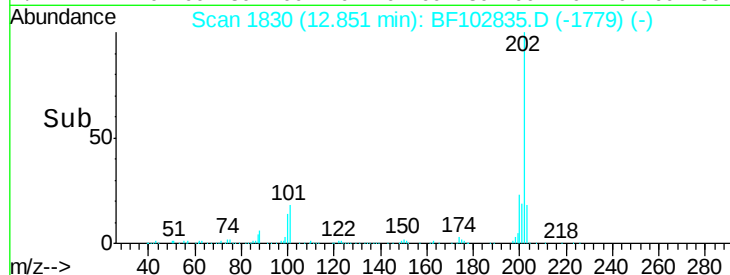
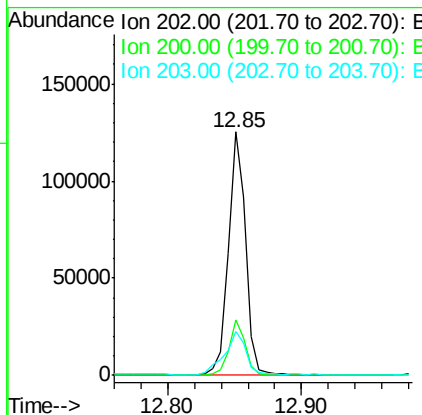
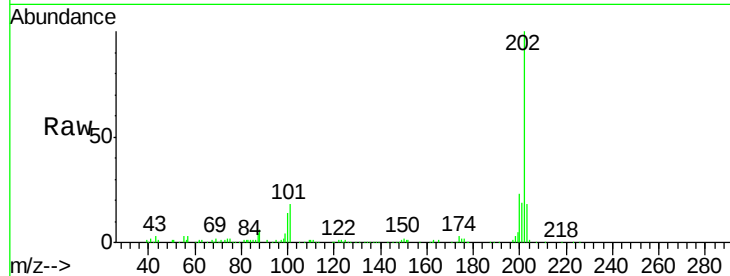
ClientSampled :

B3

Tot Ion:	202	Resp:	114446
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.4	26.2
203	18.2	14.3	21.5

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:50 PM



#78

Terphenyl-d14

Concen: 75.556 ng

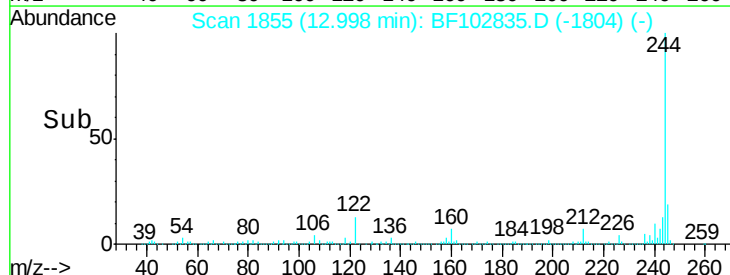
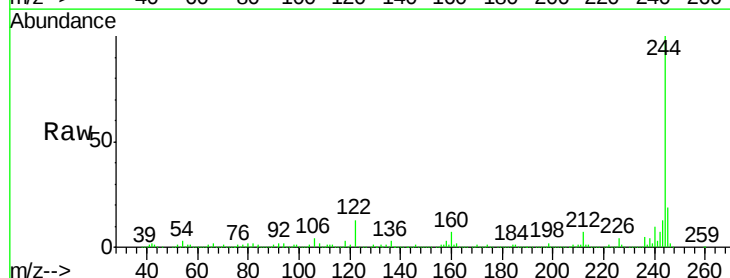
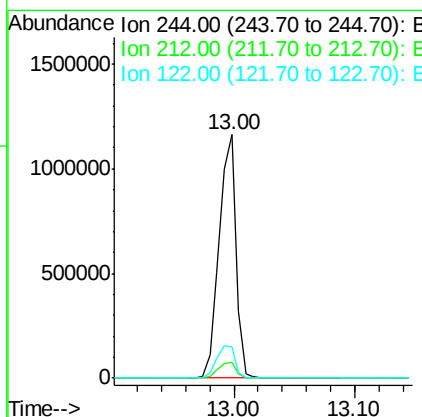
RT: 13.00 min Scan# 1855

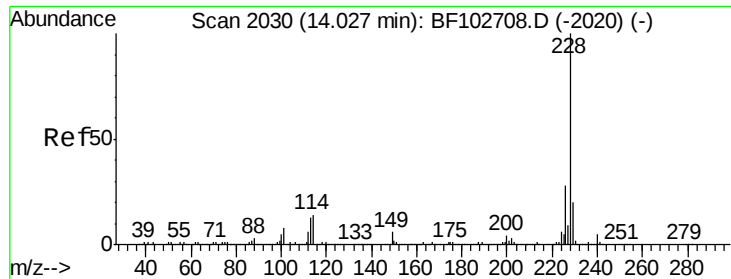
Delta R.T. 0.00 min

Lab File: BF102835.D

Acq: 8 Feb 2018 00:50

Tgt Ion:	244	Resp:	1116523
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4





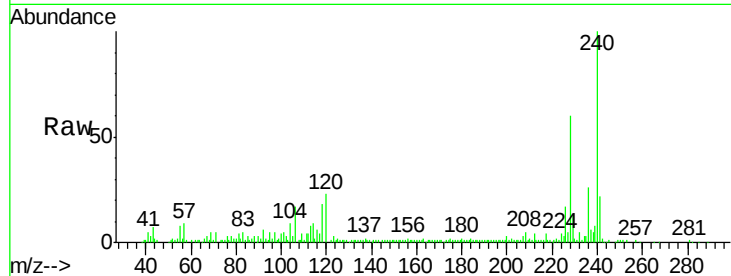
#80
Benzo(a)anthracene
Concen: 2.011 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102835.D
Acq: 8 Feb 2018 00:50

Instrument :
BNA_F
ClientSampled :
B3

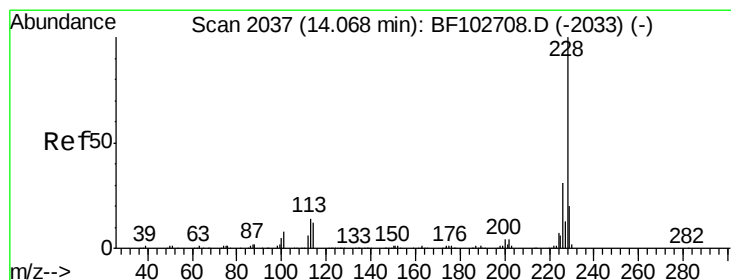
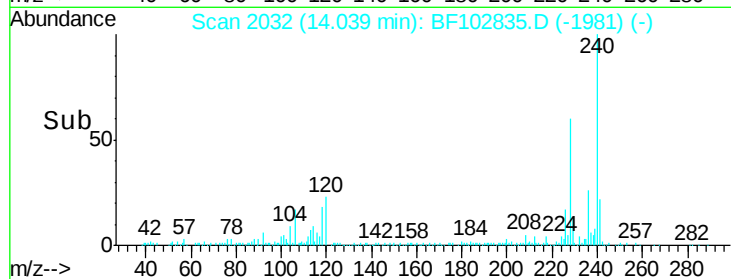
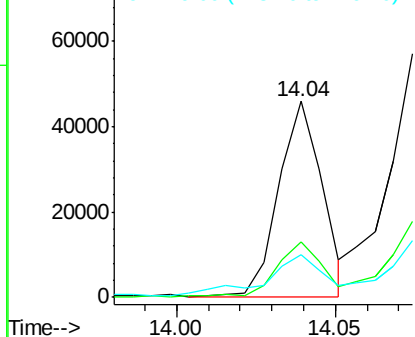
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	22.0	15.8	23.6

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:50 PM



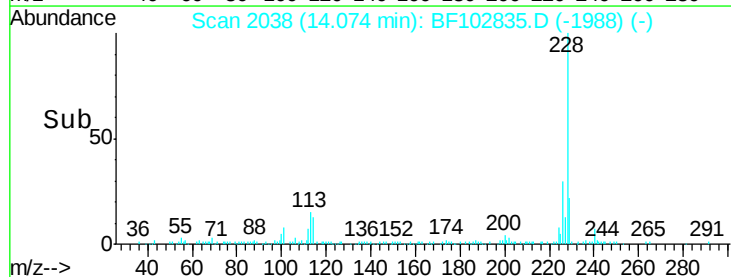
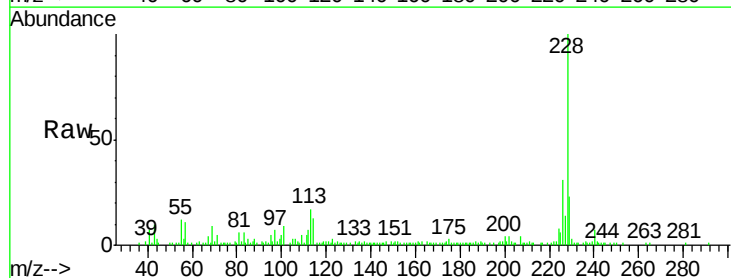
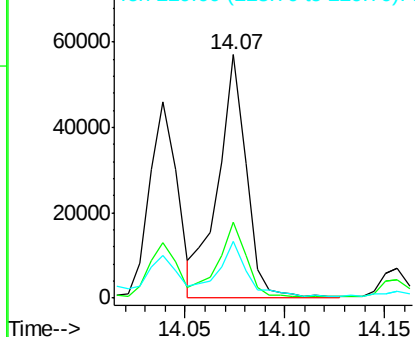
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

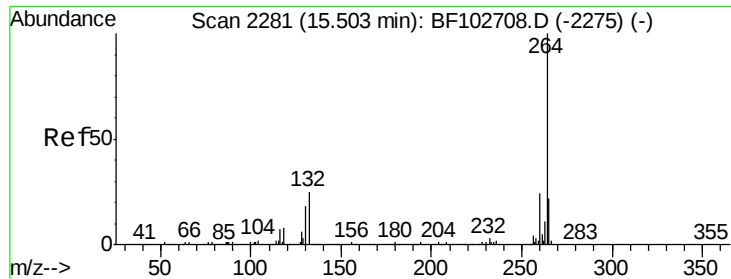


#82
Chrysene
Concen: 2.523 ng m
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102835.D
Acq: 8 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	23.2	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





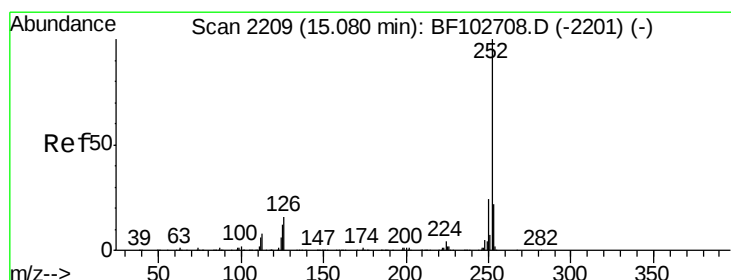
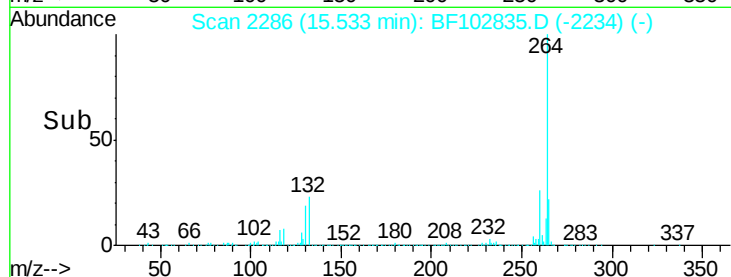
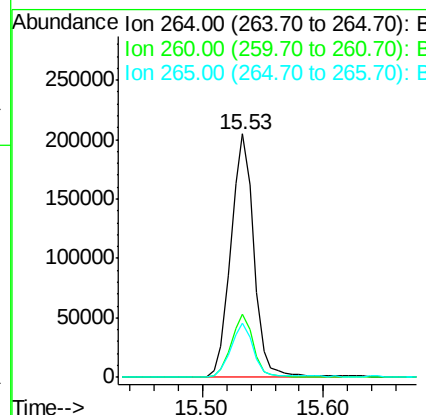
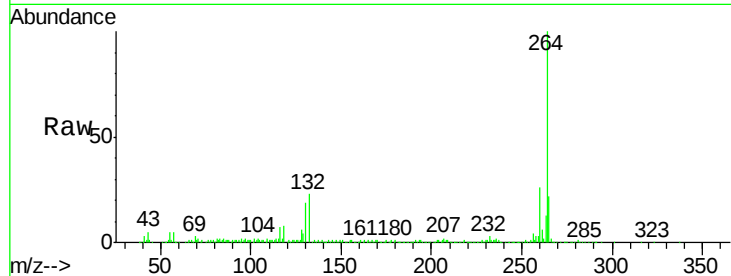
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF102835.D
Acq: 8 Feb 2018 00:50

Instrument :
BNA_F
ClientSampled :
B3

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	22.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
2/8/2018 1:41:50 PM



#87
Benzo(b)fluoranthene
Concen: 3.103 ng m
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102835.D
Acq: 8 Feb 2018 00:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	20.6	9.0	13.6#

