

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104762.D
 Acq On : 24 Apr 2018 17:53
 Operator : JU/SJ
 Sample : J2151-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-B

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:22:52 PM

Quant Time: Apr 25 12:37:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	103700	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	428819	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	187530	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	298350	20.00	ng	0.00
75) Chrysene-d12	13.99	240	222436	20.00	ng	0.00
86) Perylene-d12	15.46	264	155912	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	528463	77.92	ng	0.01
7) Phenol-d6	6.45	99	648280	77.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	390513	59.47	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	150760	77.50	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	742770	62.57	ng	0.00
78) Terphenyl-d14	12.93	244	622245	63.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	62919	4.255	ng	98
70) Phenanthrene	11.36	178	37364	2.249	ng	99
74) Fluoranthene	12.56	202	52526	3.026	ng	96
77) Pyrene	12.79	202	45870	2.782	ng	99
80) Benzo(a)anthracene	13.98	228	27433m	2.064	ng	
82) Chrysene	14.02	228	35112	2.572	ng	97
87) Benzo(b)fluoranthene	15.03	252	36029	3.659	ng	# 79
88) Benzo(k)fluoranthene	15.06	252	22405	2.410	ng	# 80
89) Benzo(a)pyrene	15.40	252	18703	2.123	ng	# 72
91) Benzo(g,h,i)perylene	17.38	276	16608	2.369	ng	# 86

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

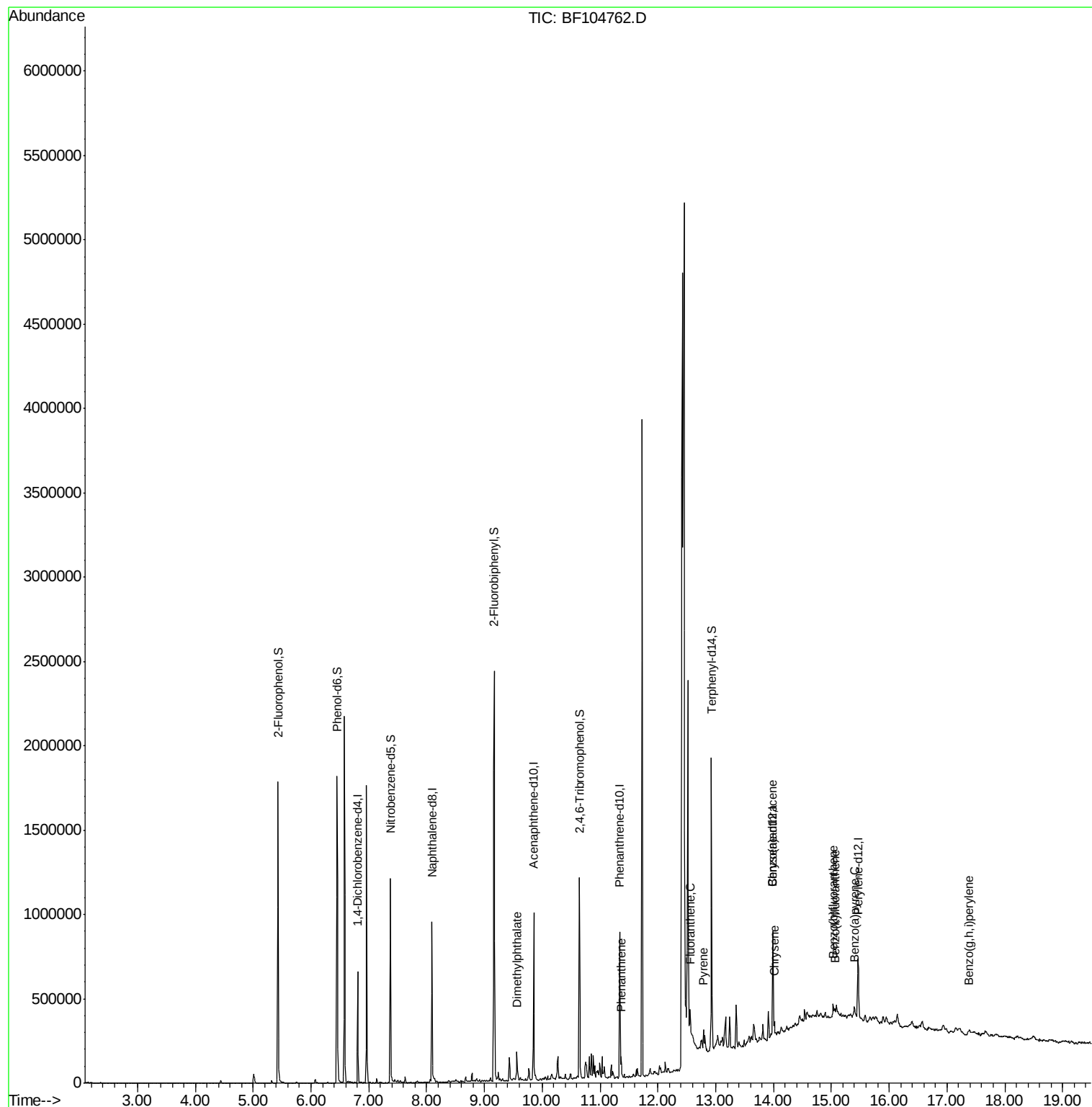
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104762.D
Acq On : 24 Apr 2018 17:53
Operator : JU/SJ
Sample : J2151-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-B

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:52 PM

Quant Time: Apr 25 12:37:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration





#1

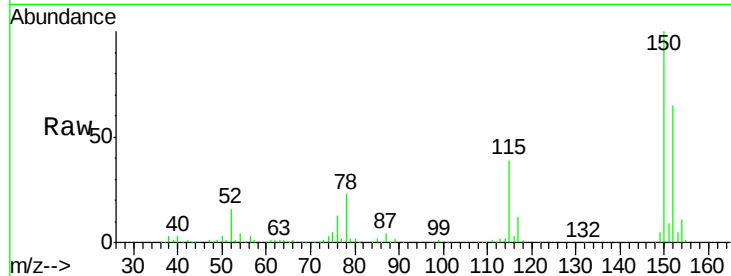
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-B

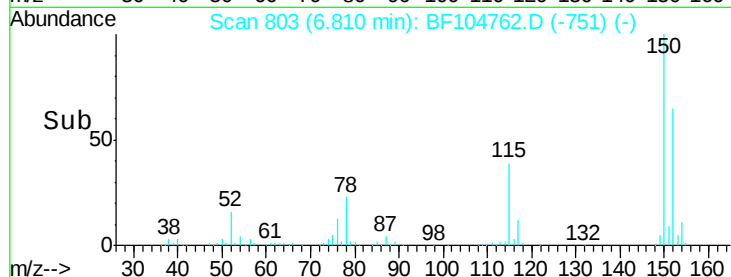
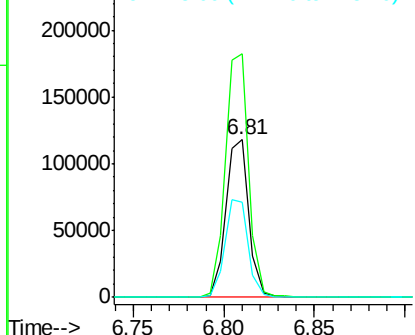
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	60.7	50.1	75.1

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:52 PM



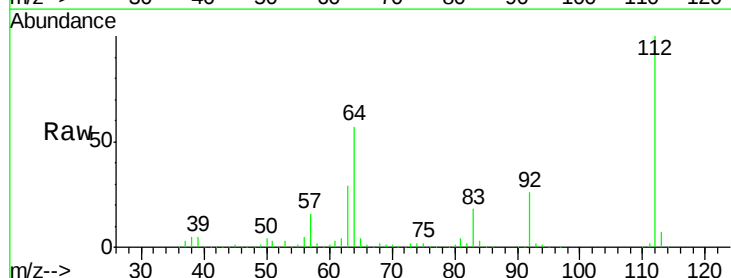
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



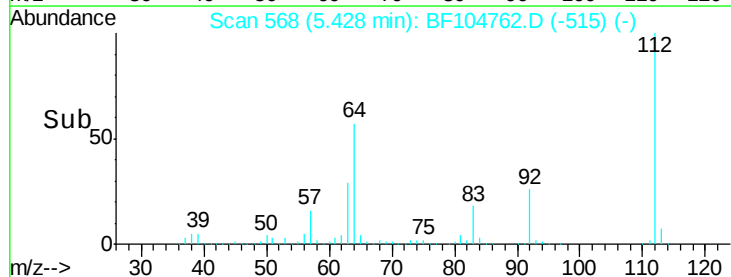
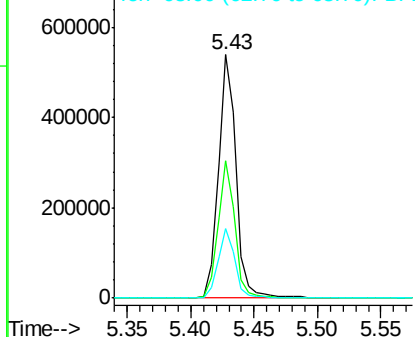
#5

2-Fluorophenol
Concen: 77.922 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.7	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: 77.798 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104762.D

Acq: 24 Apr 2018 17:53

Instrument :

BNA_F

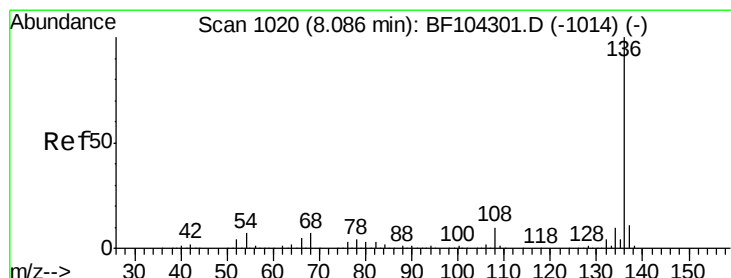
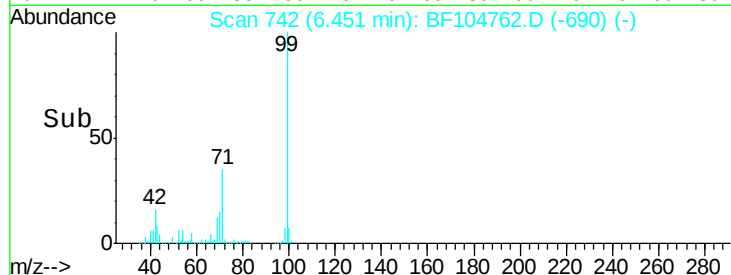
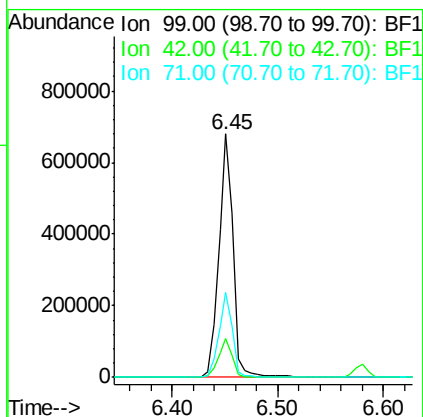
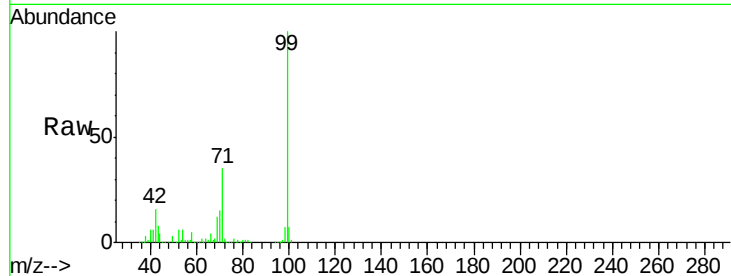
ClientSampleId :

AU-05-042318-B

Tot Ion:	99	Resp:	648280
Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	34.7	25.4	38.0

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:52 PM



#21

Naphthalene-d8

Concen: 20.000 ng

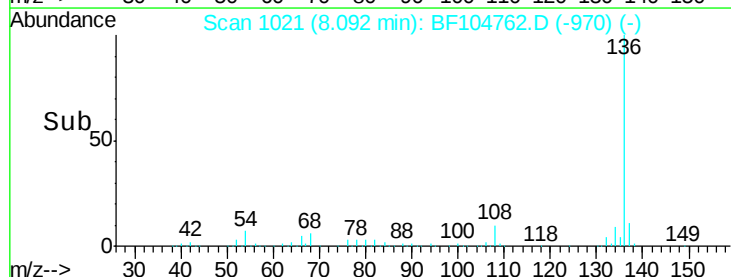
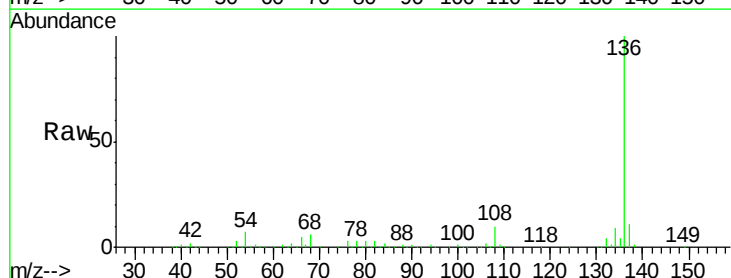
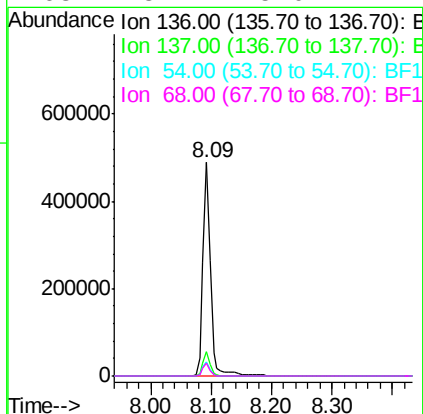
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104762.D

Acq: 24 Apr 2018 17:53

Tgt Ion:	136	Resp:	428819
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.7	6.6	9.8
68	5.7	5.0	7.4





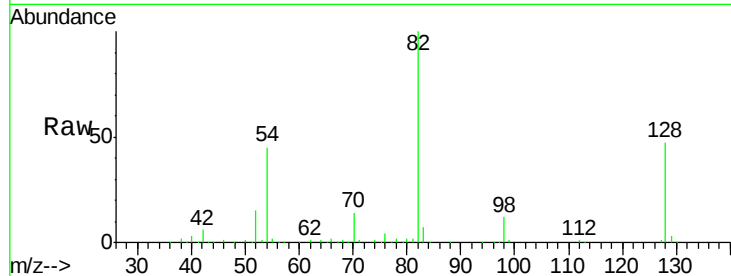
#23
Nitrobenzene-d5
Concen: 59.465 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-B

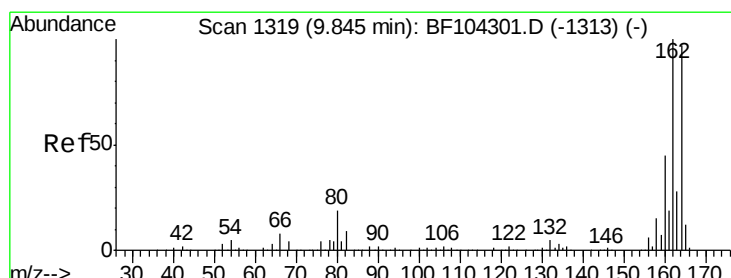
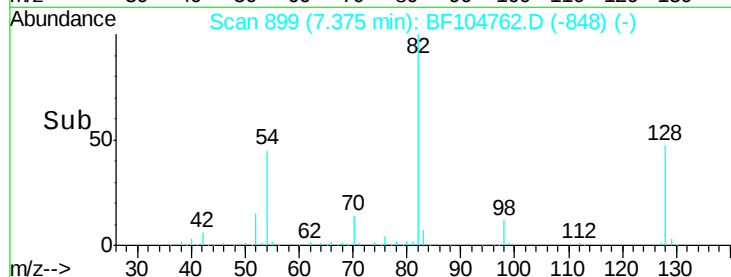
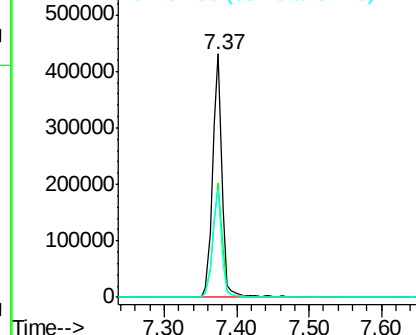
Tot Ion	Ratio	Resp	Lower	Upper
82	100	390513		
128	47.0	36.1	54.1	
54	44.5	41.4	62.2	

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:52 PM

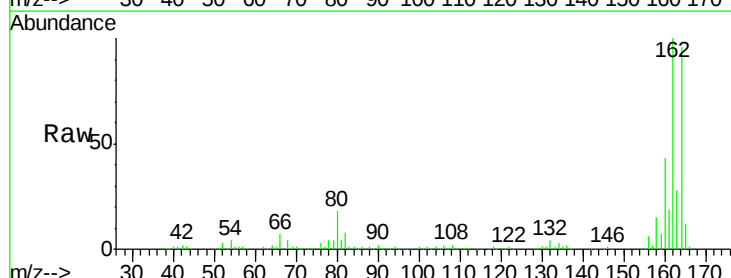


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

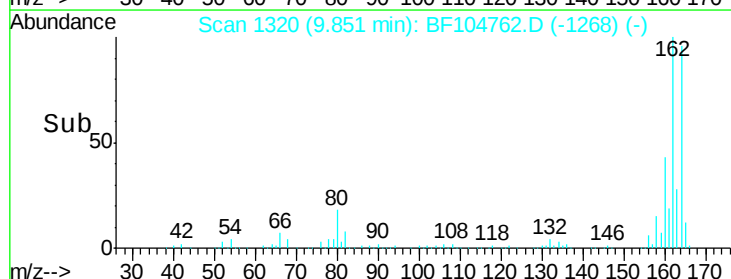
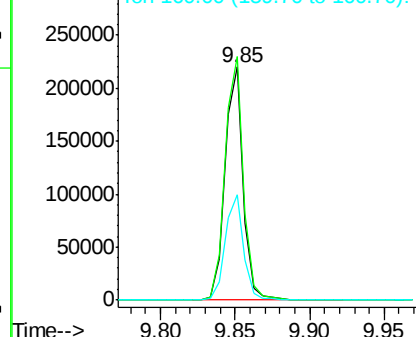


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	187530		
162	104.5	86.1	129.1	
160	45.3	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: 77.500 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104762.D

Acq: 24 Apr 2018 17:53

Instrument :

BNA_F

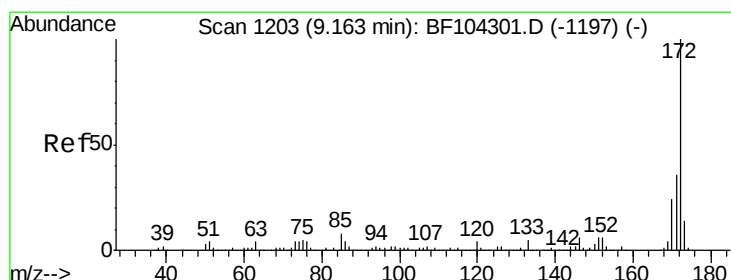
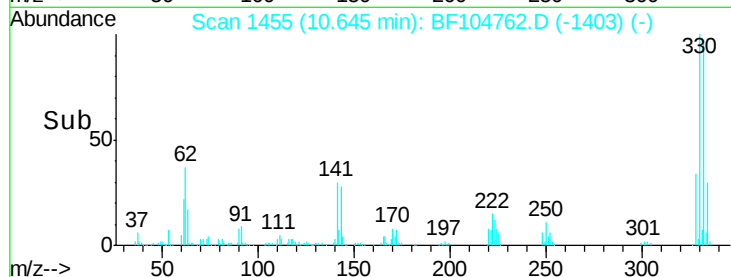
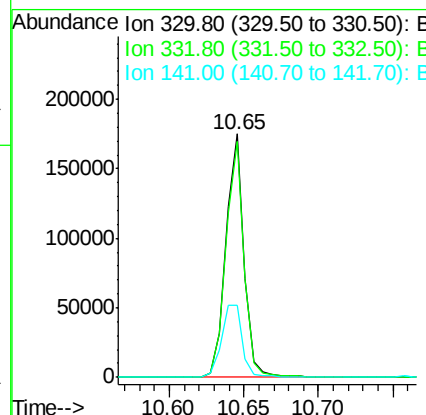
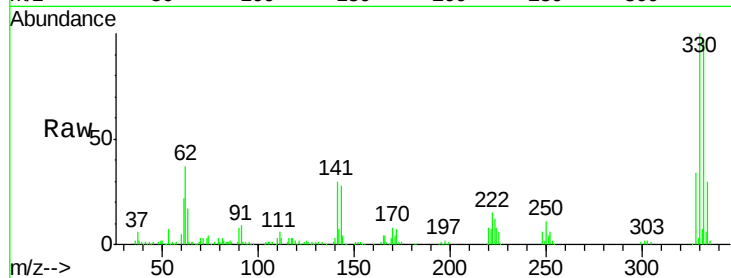
ClientSampleId :

AU-05-042318-B

Tot Ion:	330	Resp:	150760
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	34.6	29.9	44.9

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:52 PM



#44

2-Fluorobiphenyl

Concen: 62.571 ng

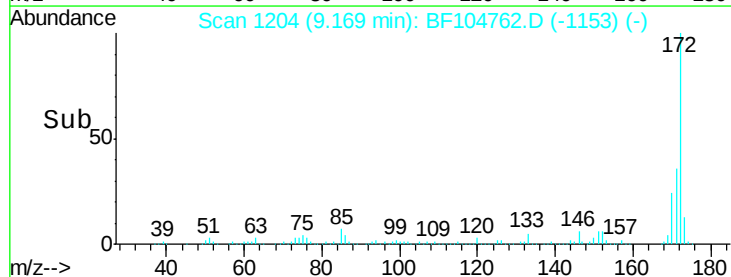
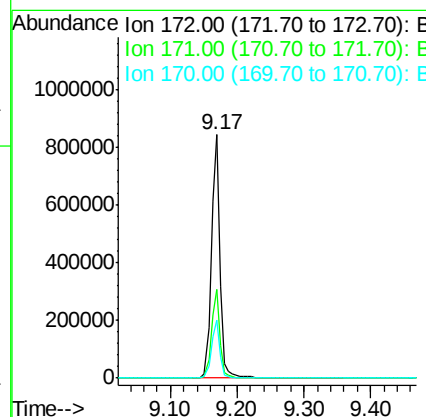
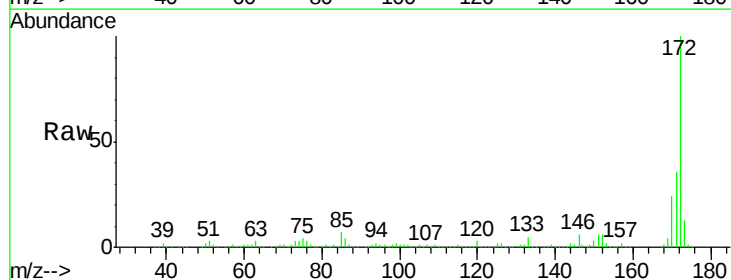
RT: 9.17 min Scan# 1204

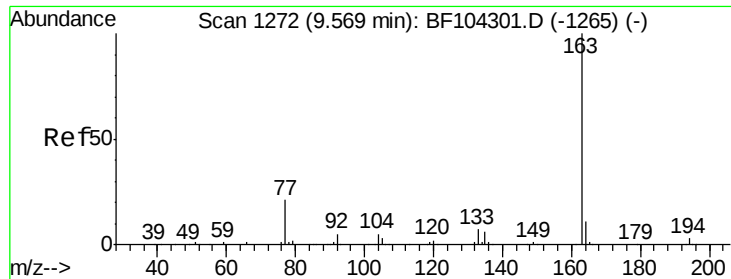
Delta R.T. -0.00 min

Lab File: BF104762.D

Acq: 24 Apr 2018 17:53

Tgt Ion:	172	Resp:	742770
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4





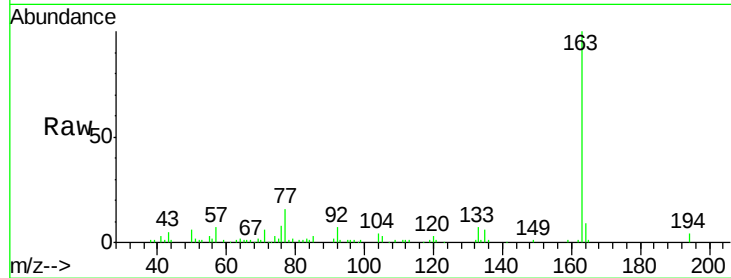
#49
Dimethylphthalate
Concen: 4.255 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-B

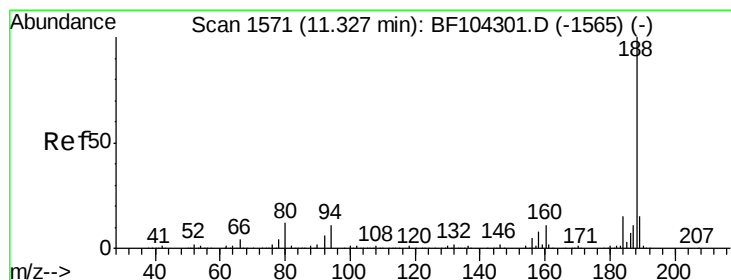
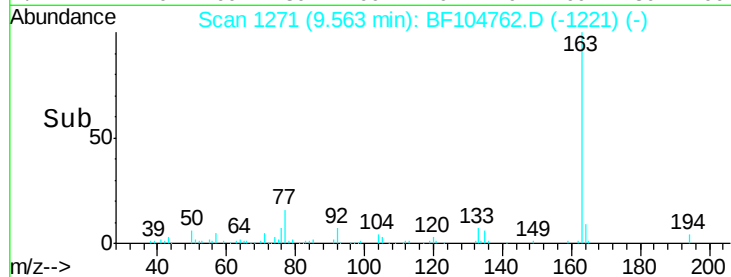
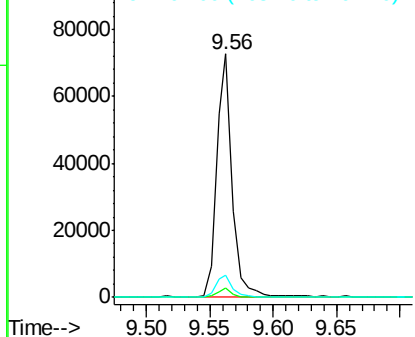
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		62919		
194	3.6		2.7	4.1	
164	9.0		8.2	12.2	

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:52 PM

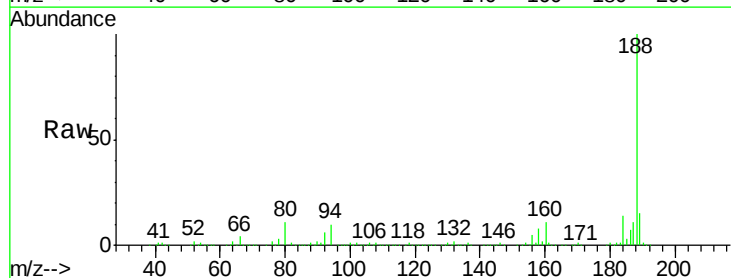


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

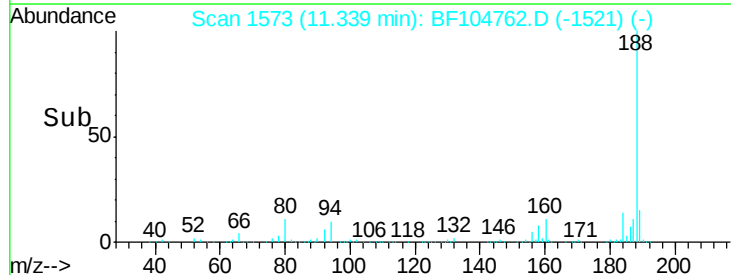
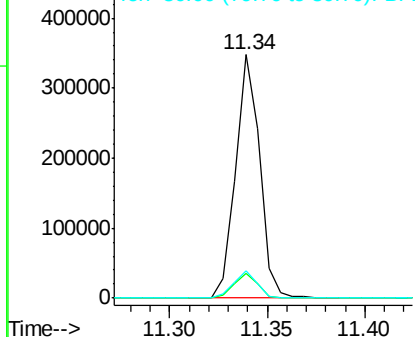


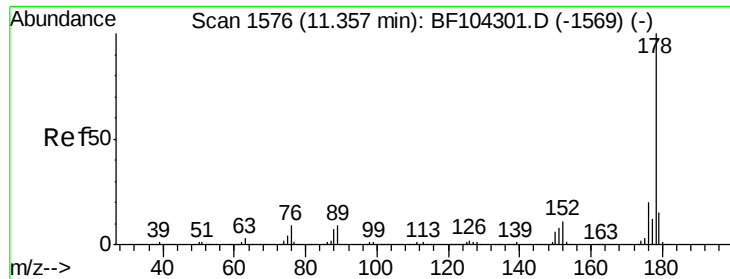
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		298350		
94	10.4		8.5	12.7	
80	11.0		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





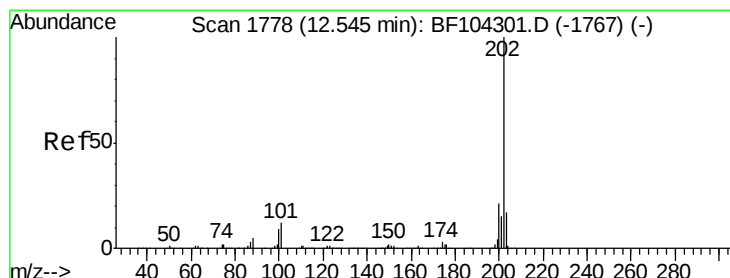
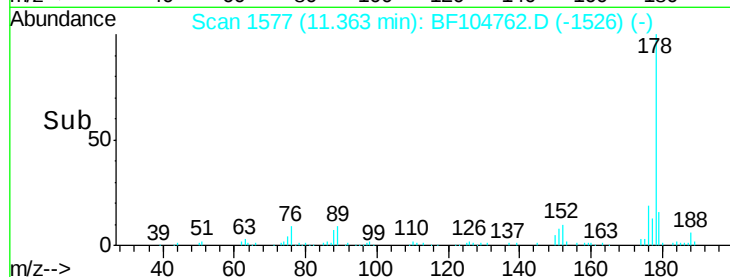
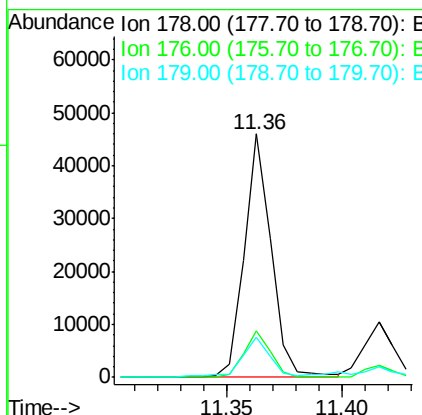
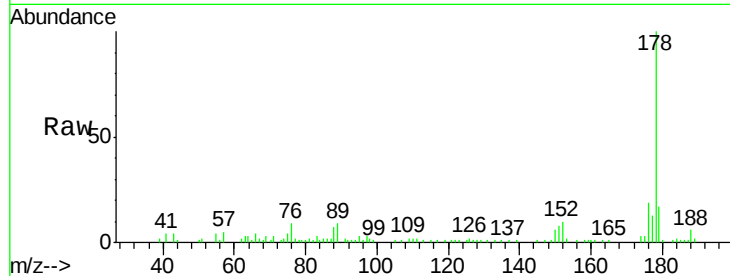
#70
Phenanthrene
Concen: 2.249 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.5	13.0	19.6

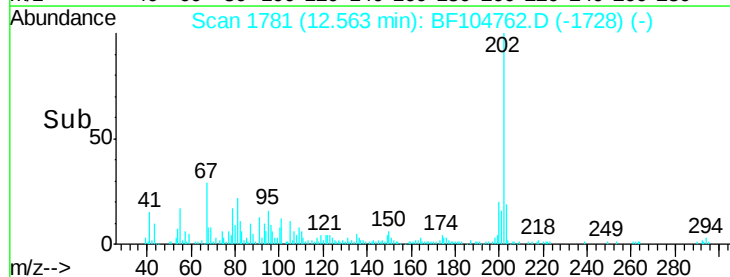
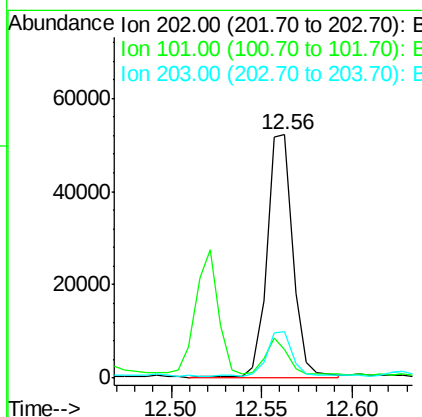
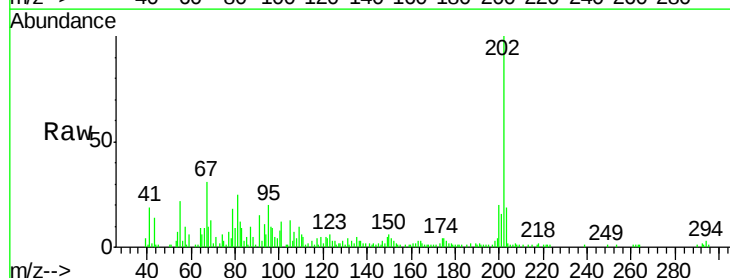
Manual Integrations
APPROVED

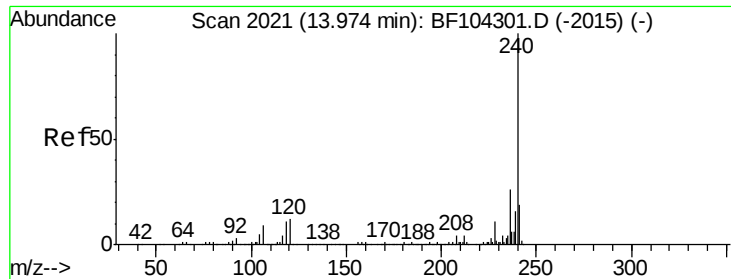
Sohil
4/25/2018 4:22:52 PM



#74
Fluoranthene
Concen: 3.026 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	19.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104762.D

Acq: 24 Apr 2018 17:53

Instrument :

BNA_F

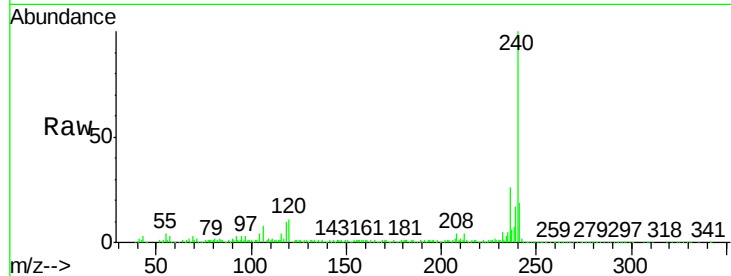
ClientSampleId :

AU-05-042318-B

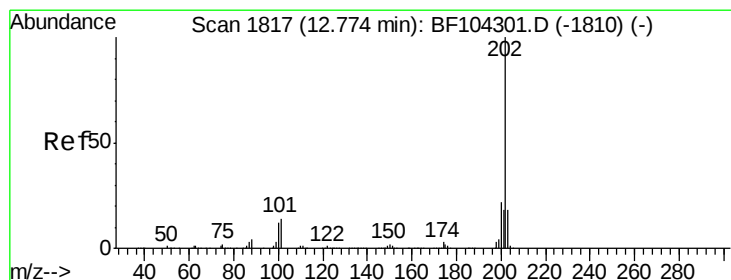
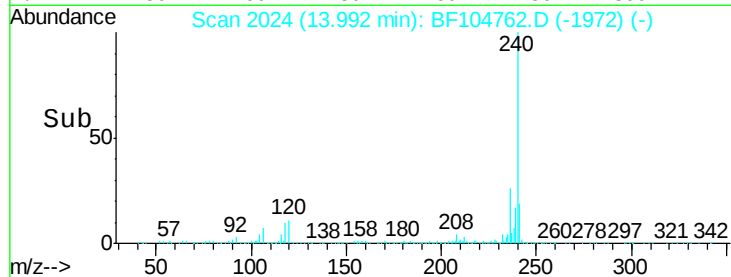
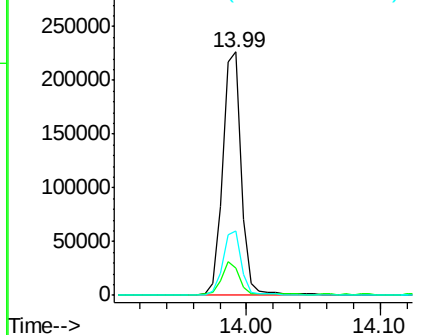
Tot Ion:	240	Resp:	222436
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:52 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: 2.782 ng

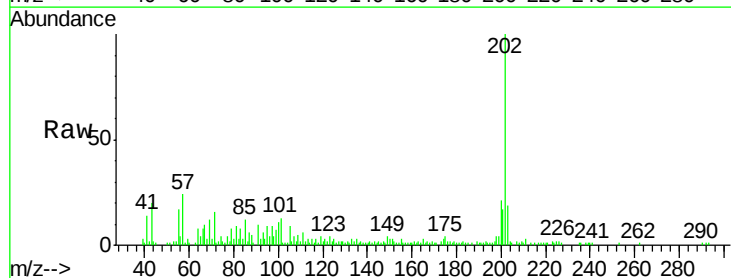
RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

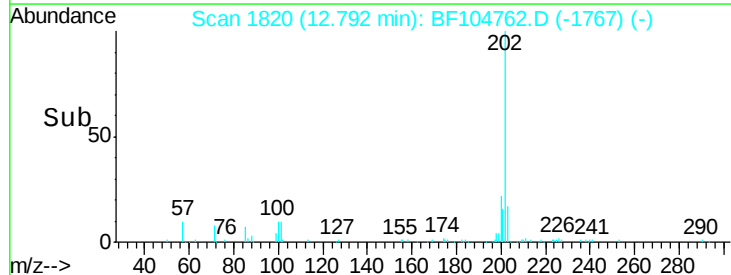
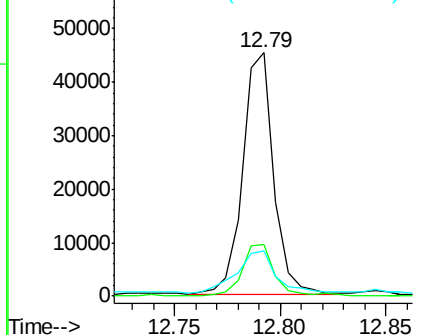
Lab File: BF104762.D

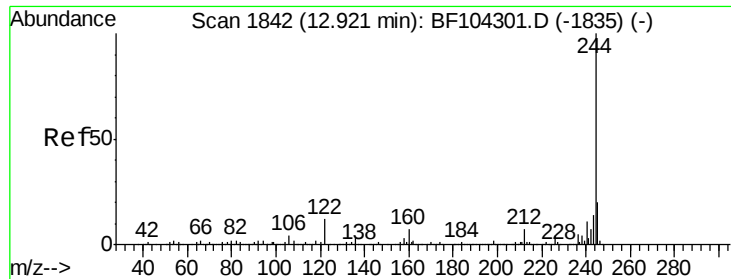
Acq: 24 Apr 2018 17:53

Tgt Ion:	202	Resp:	45870
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	18.7	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





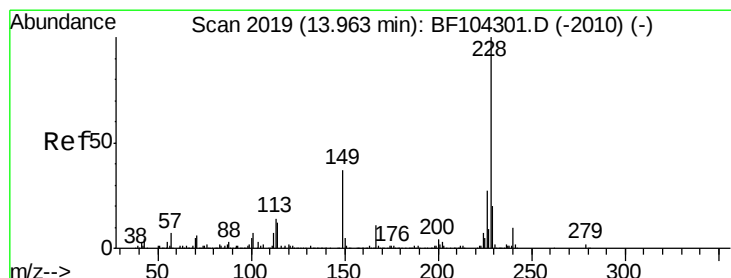
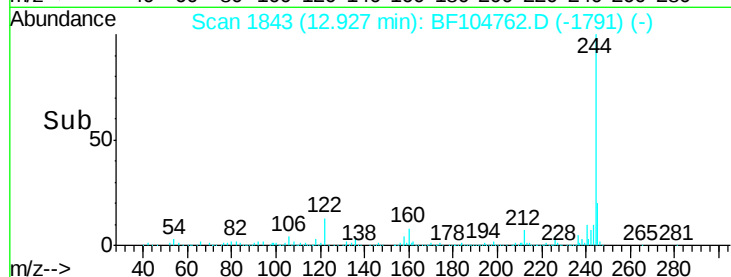
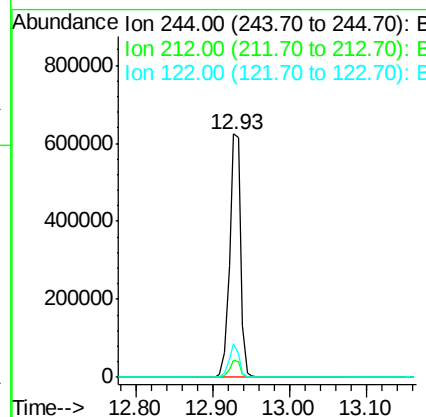
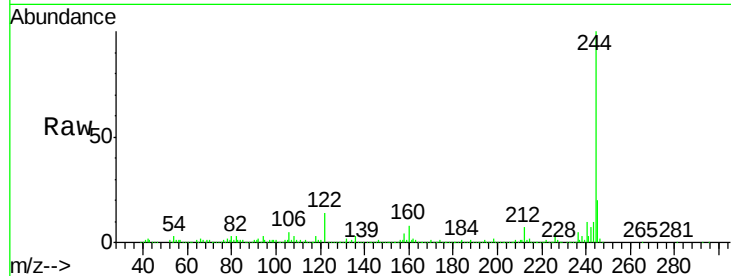
#78
 Terphenyl-d14
 Concen: 63.776 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104762.D
 Acq: 24 Apr 2018 17:53

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-042318-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.6	11.0	16.4

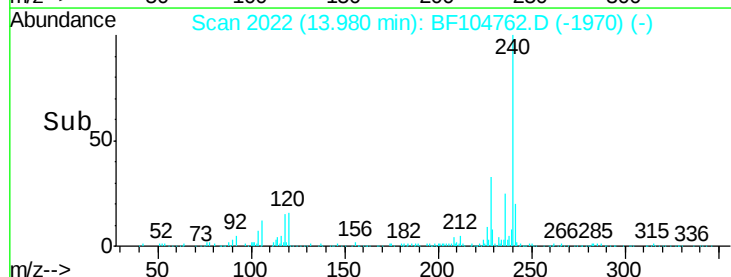
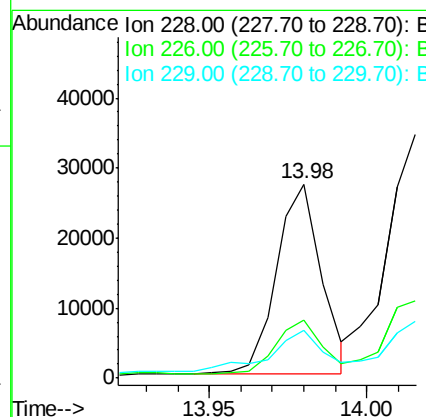
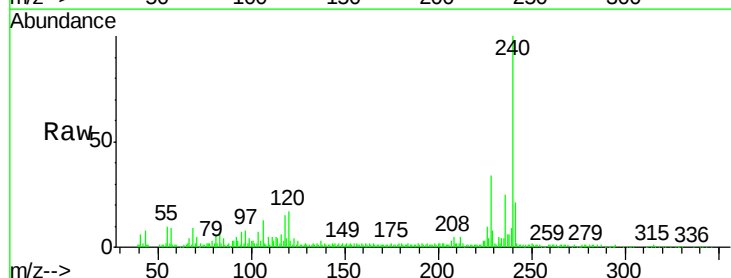
Manual Integrations
 APPROVED

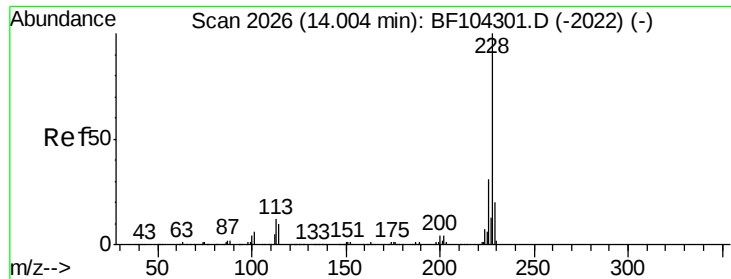
Sohil
 4/25/2018 4:22:52 PM



#80
 Benzo(a)anthracene
 Concen: 2.064 ng m
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF104762.D
 Acq: 24 Apr 2018 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	24.4	15.8	23.6





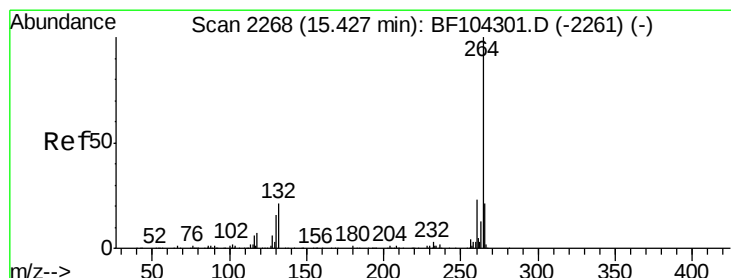
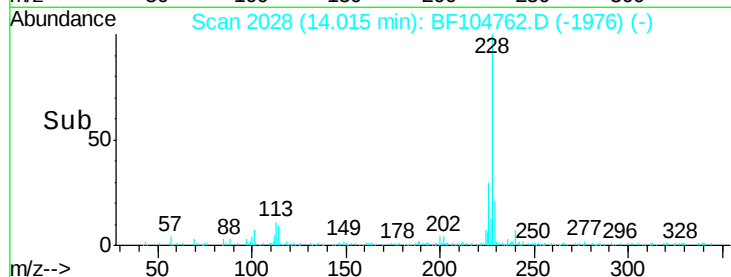
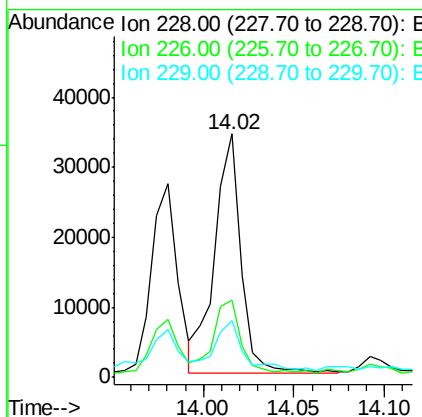
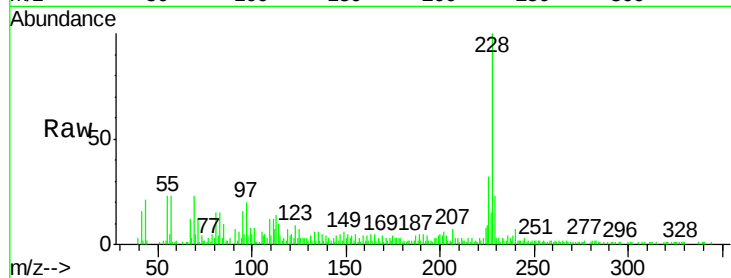
#82
Chrysene
Concen: 2.572 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-B

Tot Ion:	228	Resp:	35112
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.0	37.6
229	23.2	16.2	24.4

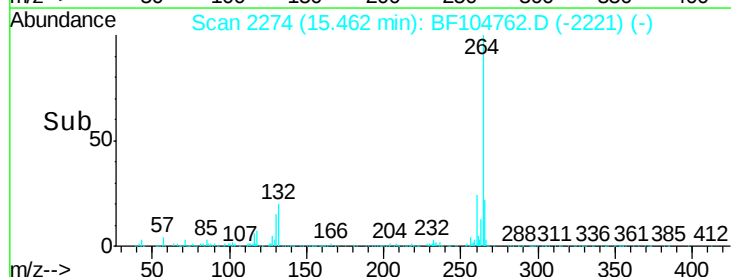
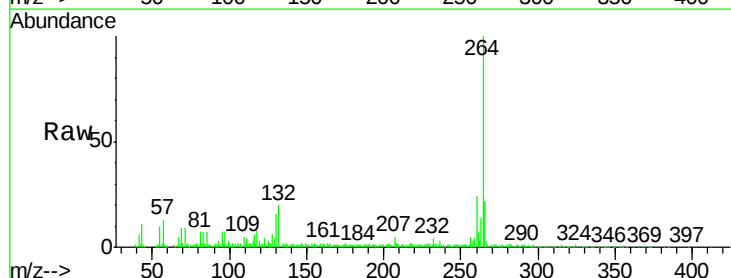
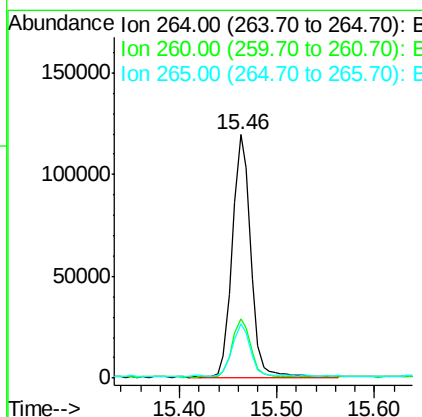
Manual Integrations
APPROVED

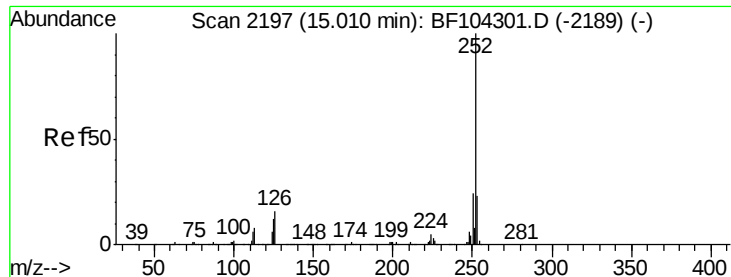
Sohil
4/25/2018 4:22:52 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Tgt Ion:	264	Resp:	155912
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3





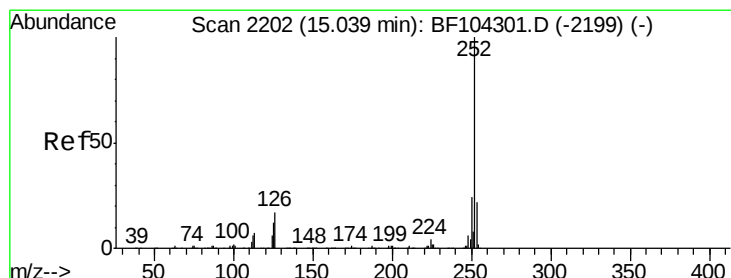
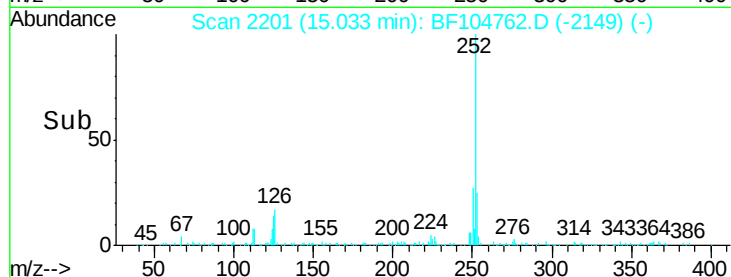
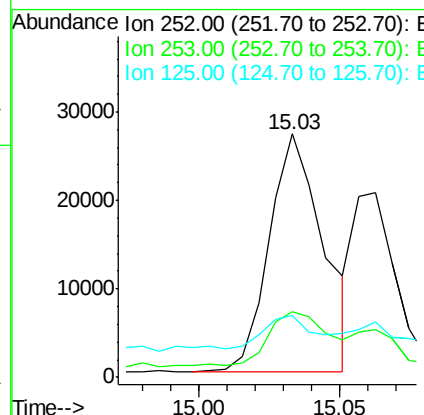
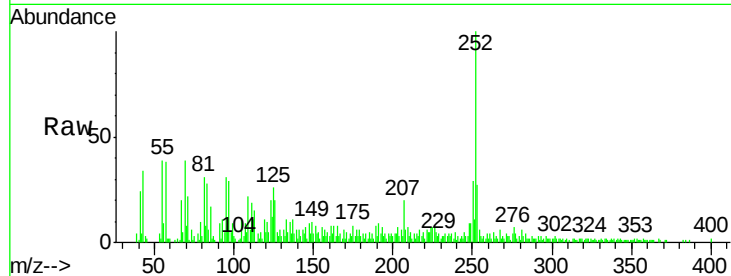
#87
Benzo(b)fluoranthene
Concen: 3.659 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Instrument :
BNA_F
ClientSampleId :
AU-05-042318-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.6#
125	25.5	9.0	13.6#

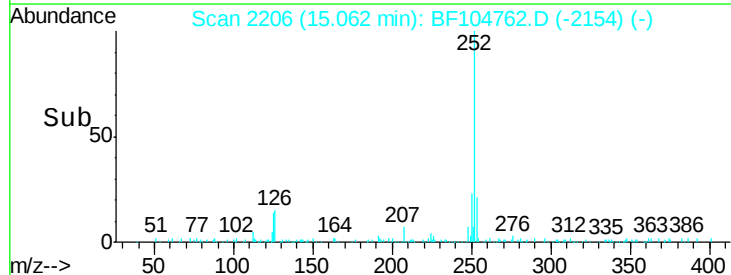
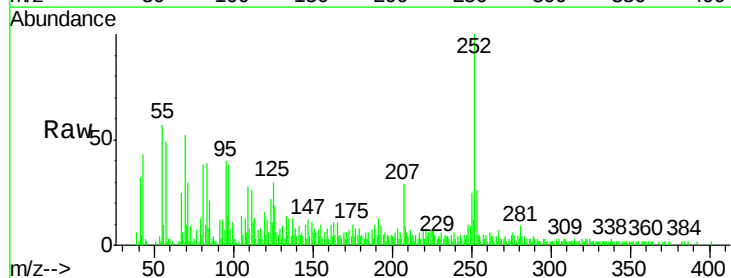
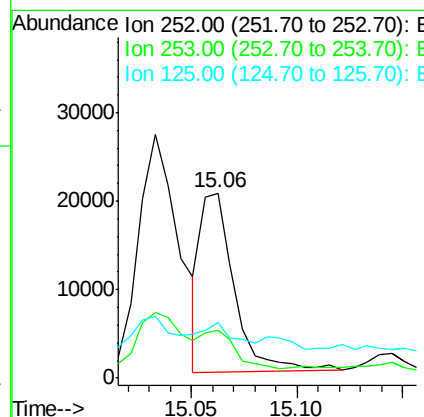
Manual Integrations
APPROVED

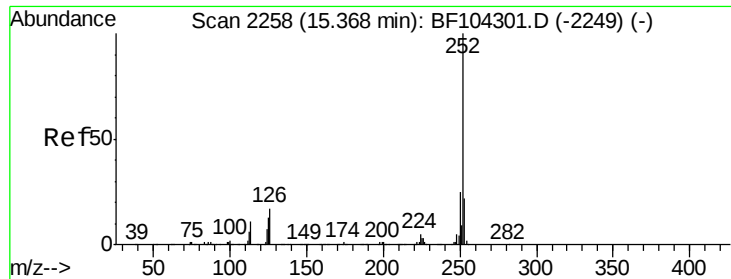
Sohil
4/25/2018 4:22:52 PM



#88
Benzo(k)fluoranthene
Concen: 2.410 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104762.D
Acq: 24 Apr 2018 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	29.9	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 2.123 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF104762.D

Acq: 24 Apr 2018 17:53

Instrument :

BNA_F

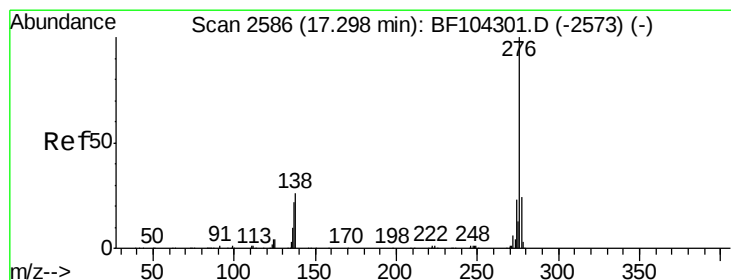
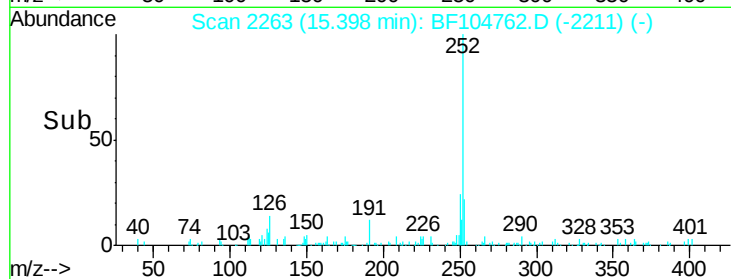
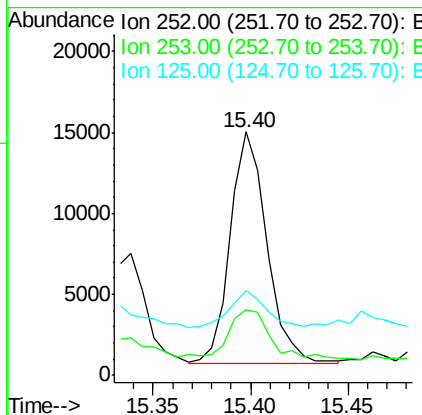
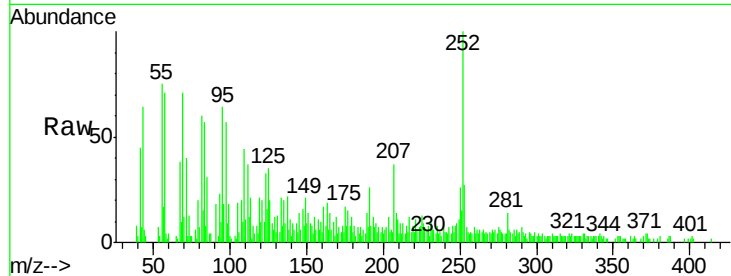
ClientSampleId :

AU-05-042318-B

Tot Ion:	252	Resp:	18703
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.1	25.7#
125	34.7	9.8	14.6#

Manual Integrations
APPROVED

Sohil
4/25/2018 4:22:52 PM



#91

Benzo(g,h,i)perylene

Concen: 2.369 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.03 min

Lab File: BF104762.D

Acq: 24 Apr 2018 17:53

Tgt Ion:	276	Resp:	16608
Ion Ratio	Lower	Upper	
276	100		
277	28.5	17.9	26.9#
138	35.2	21.8	32.8#

