

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104107.D
 Acq On : 30 Mar 2018 21:47
 Operator : JU/SJ
 Sample : J1752-05 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-032918-B

Manual Integrations
 APPROVED

Sohil
 4/2/2018 5:05:51 PM

Quant Time: Mar 31 00:08:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	106386	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	460329	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	208515	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	347734	20.00	ng	0.00
75) Chrysene-d12	14.14	240	242110	20.00	ng	0.00
86) Perylene-d12	15.67	264	222057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	45842m	6.87	ng	0.04
7) Phenol-d6	6.61	99	79309m	9.66	ng	0.02
23) Nitrobenzene-d5	7.54	82	47093	6.26	ng	0.01
41) 2,4,6-Tribromophenol	10.79	330	19724	8.50	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	109530	8.28	ng	0.00
78) Terphenyl-d14	13.07	244	91409	8.72	ng	0.00
Target Compounds						
70) Phenanthrene	11.52	178	104784	5.566	ng	95
74) Fluoranthene	12.70	202	138904	6.941	ng	99
77) Pyrene	12.94	202	196014	11.262	ng	98
80) Benzo(a)anthracene	14.13	228	85305	5.631	ng	96
82) Chrysene	14.17	228	85866	5.787	ng	98
87) Benzo(b)fluoranthene	15.22	252	69412m	5.136	ng	
88) Benzo(k)fluoranthene	15.24	252	28338m	2.226	ng	
89) Benzo(a)pyrene	15.61	252	62800	5.015	ng	# 92
91) Benzo(g,h,i)perylene	17.73	276	32125	2.770	ng	# 93

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

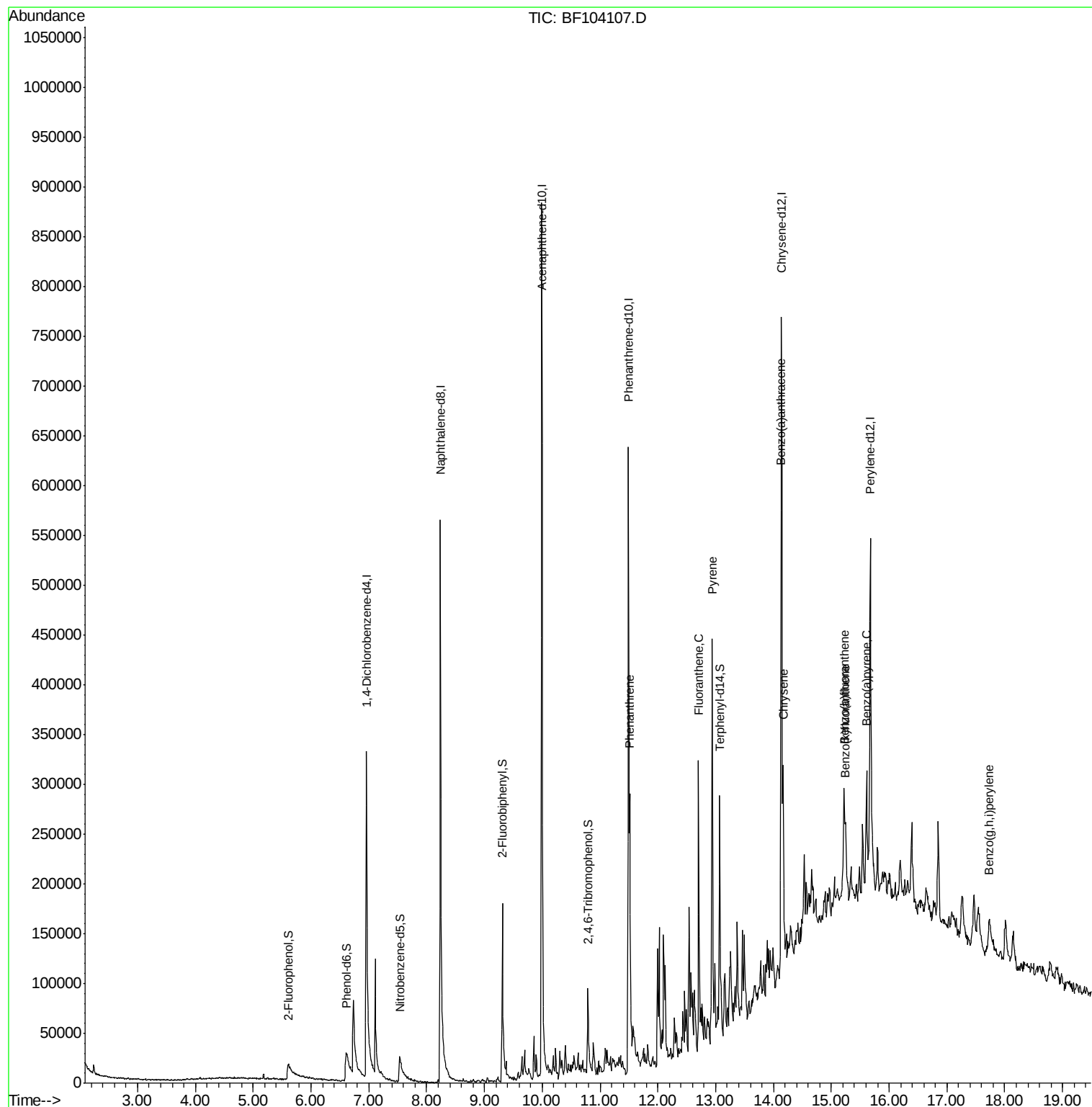
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104107.D
Acq On : 30 Mar 2018 21:47
Operator : JU/SJ
Sample : J1752-05 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-01-032918-B

Manual Integrations
APPROVED

Sohil
4/2/2018 5:05:51 PM

Quant Time: Mar 31 00:08:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration





#1

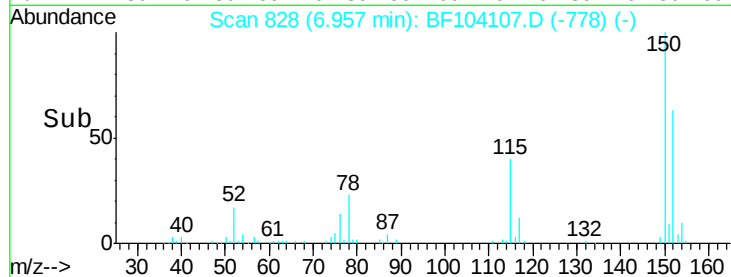
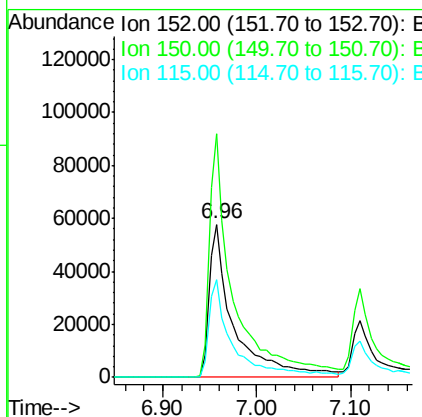
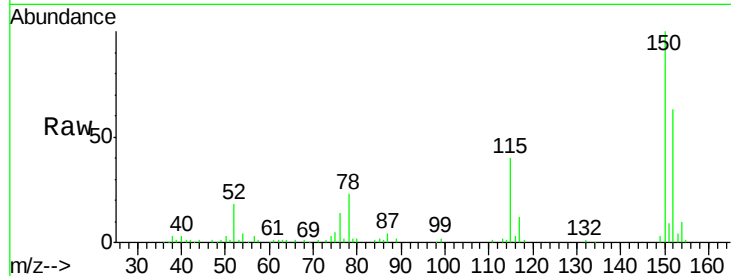
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104107.D
Acq: 30 Mar 2018 21:47

Instrument :
BNA_F
ClientSampleId :
NB-01-032918-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	63.7	50.1	75.1

Manual Integrations
APPROVED

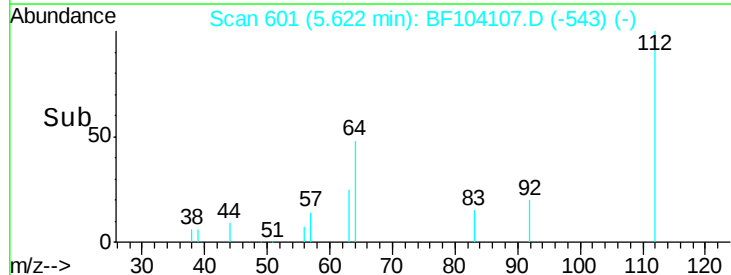
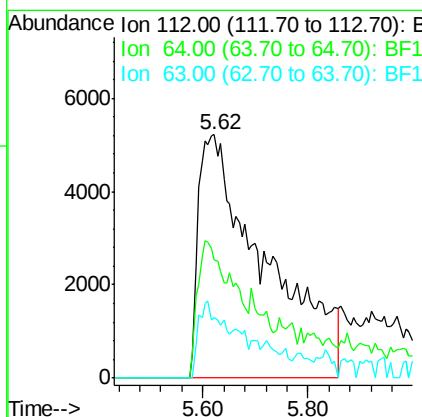
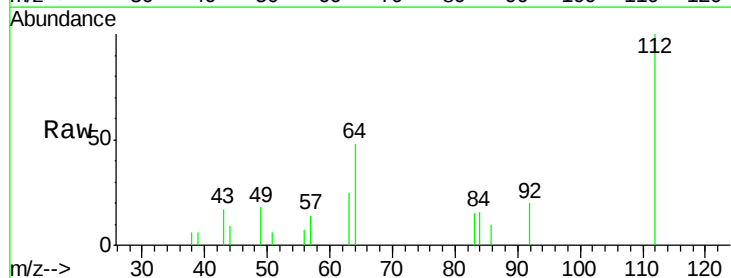
Sohil
4/2/2018 5:05:51 PM

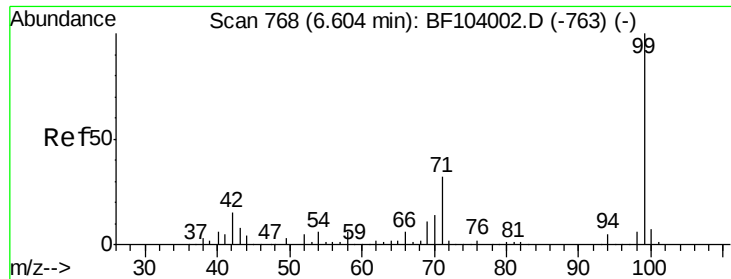


#5

2-Fluorophenol
Concen: 6.872 ng m
RT: 5.62 min Scan# 601
Delta R.T. 0.04 min
Lab File: BF104107.D
Acq: 30 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.3	47.9	71.9
63	24.7	23.7	35.5





#7

Phenol-d6

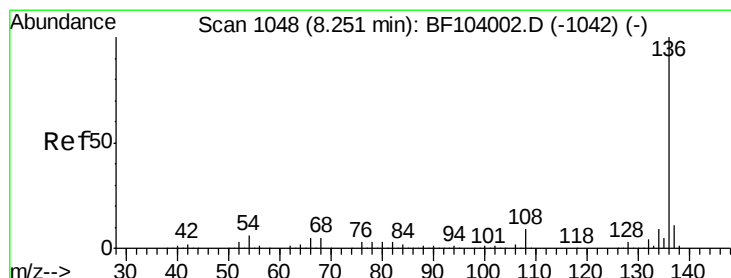
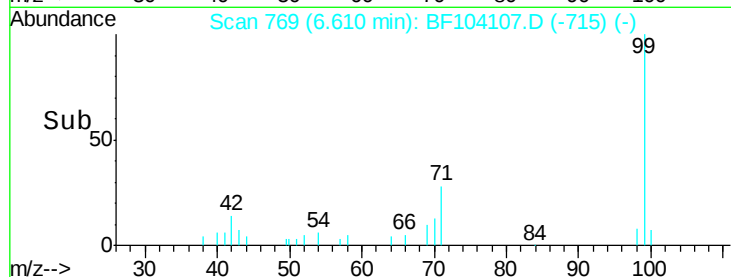
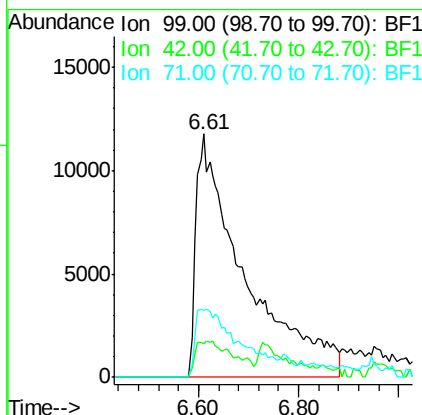
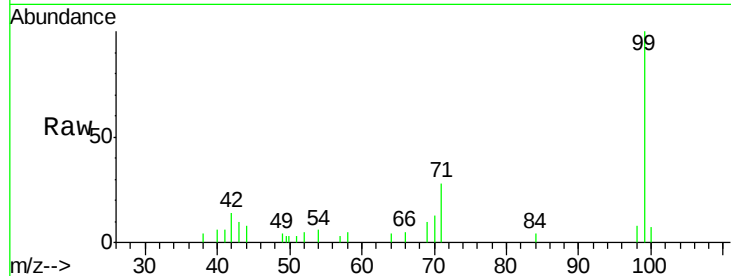
Concen: 9.663 ng/ml
 RT: 6.61 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: BF104107.D
 Acq: 30 Mar 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-032918-B

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	13.6	14.5	21.7	
71	27.7	25.4	38.0	

Manual Integrations
 APPROVED

Sohil
 4/2/2018 5:05:51 PM

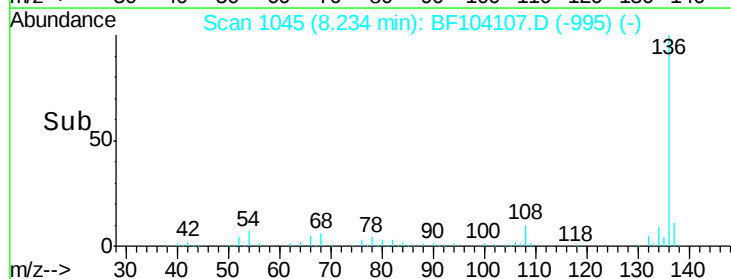
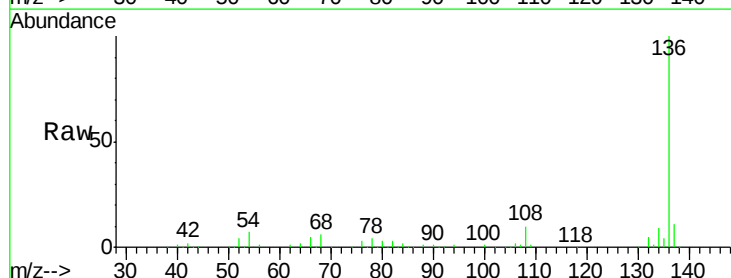
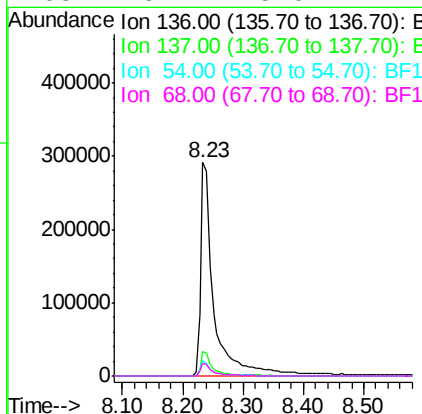


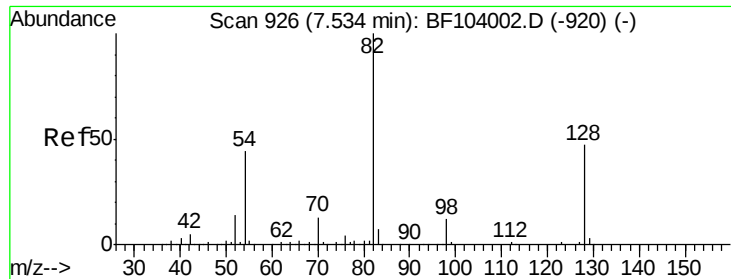
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF104107.D
 Acq: 30 Mar 2018 21:47

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.1	6.6	9.8	
68	5.7	5.0	7.4	





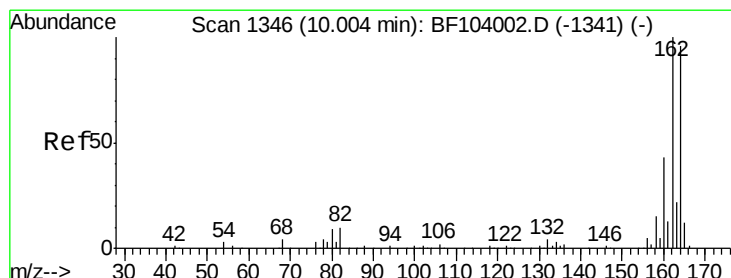
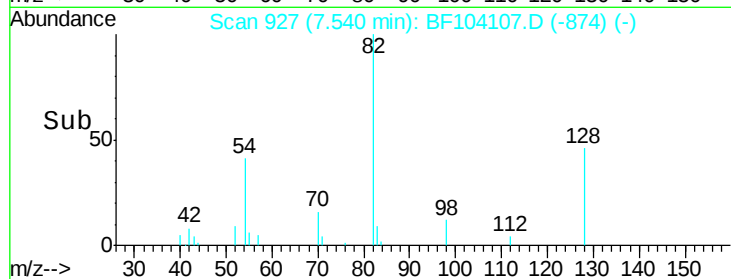
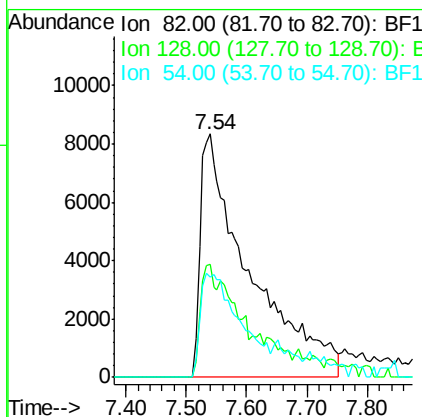
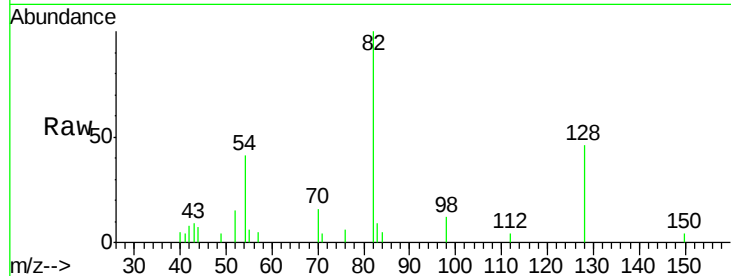
#23
 Nitrobenzene-d5
 Concen: 6.256 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF104107.D
 Acq: 30 Mar 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-032918-B

Tot Ion	82	Resp	47093
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.1	54.1
54	41.4	41.4	62.2#

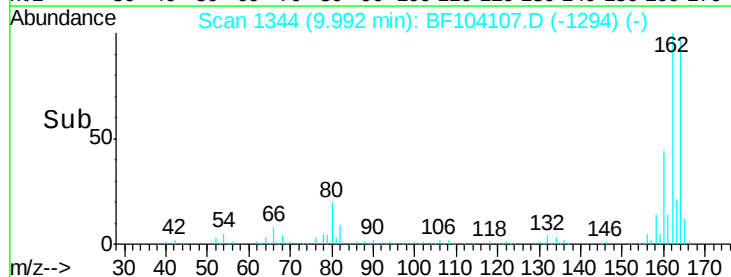
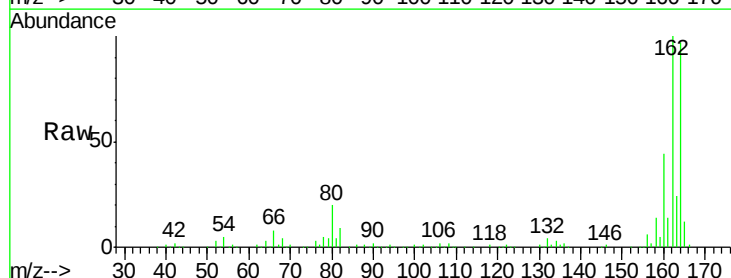
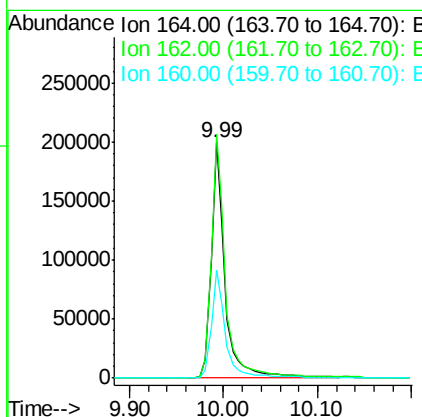
Manual Integrations
 APPROVED

Sohil
 4/2/2018 5:05:51 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104107.D
 Acq: 30 Mar 2018 21:47

Tgt Ion	164	Resp	208515
Ion Ratio	Lower	Upper	
164	100		
162	103.3	86.1	129.1
160	45.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 8.495 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF104107.D

Acq: 30 Mar 2018 21:47

Instrument :

BNA_F

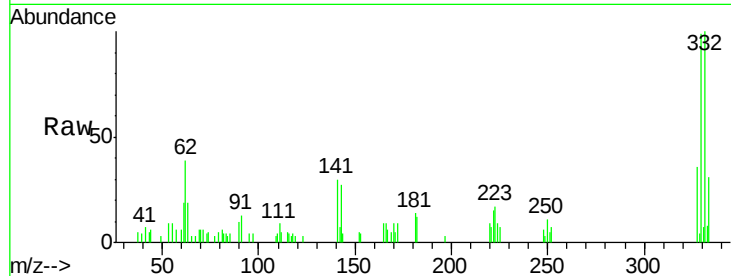
ClientSampleId :

NB-01-032918-B

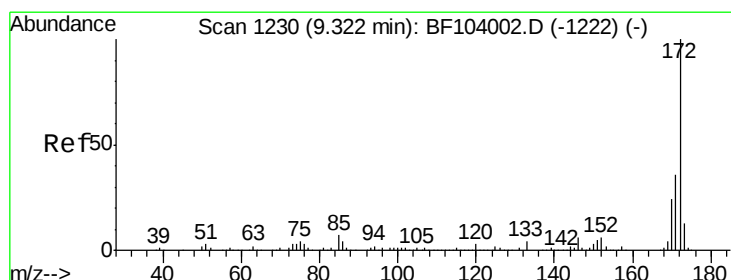
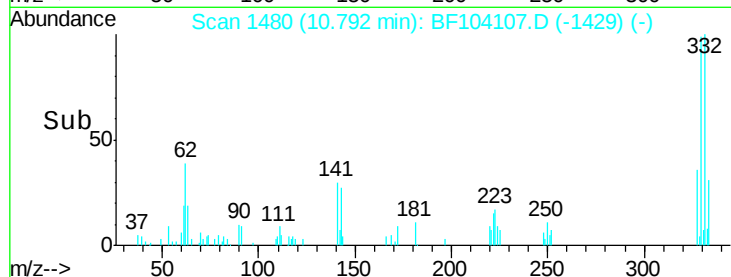
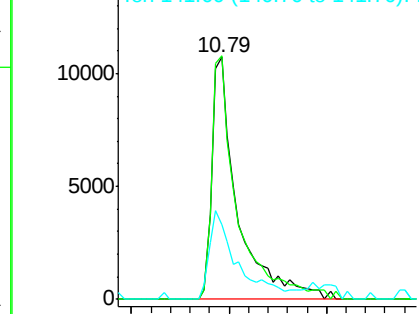
Tot Ion:	330	Resp:	19724
Ion Ratio	Lower	Upper	
330	100		
332	99.7	77.0	115.6
141	40.0	29.9	44.9

Manual Integrations
APPROVED

Sohil
4/2/2018 5:05:51 PM



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: 8.283 ng

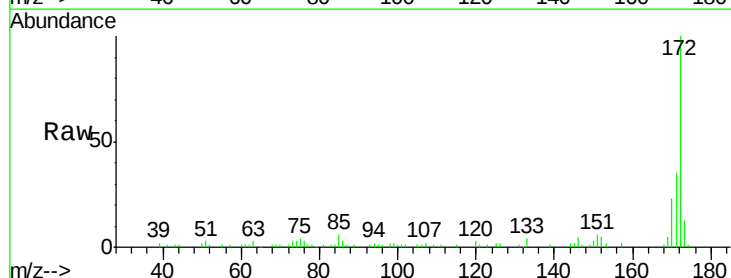
RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

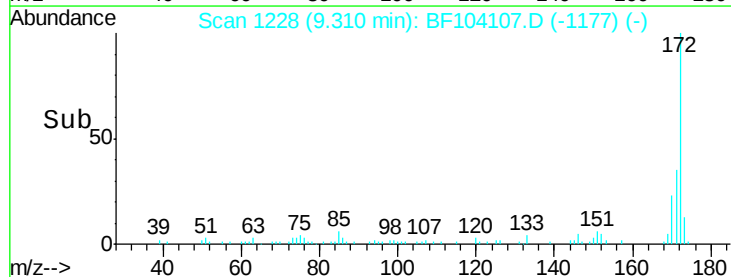
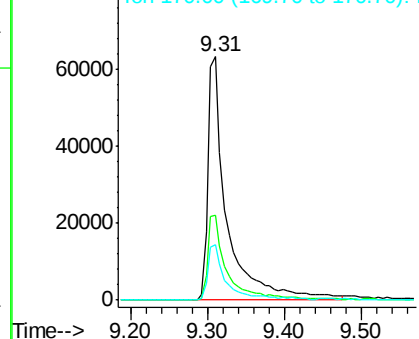
Lab File: BF104107.D

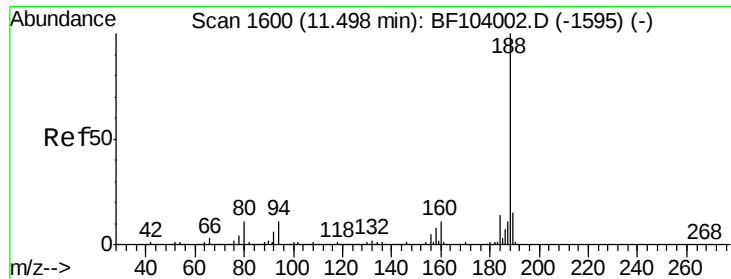
Acq: 30 Mar 2018 21:47

Tgt Ion:	172	Resp:	109530
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.7	44.5
170	22.8	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





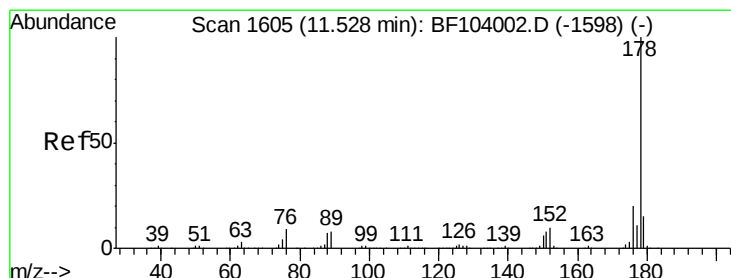
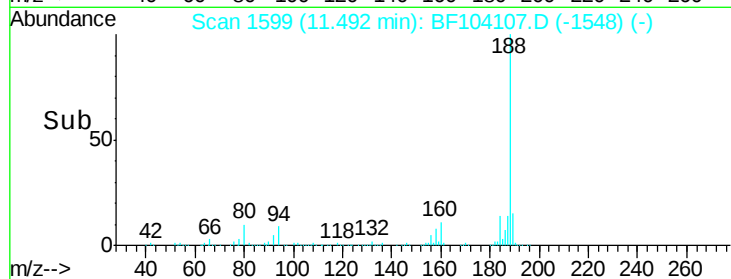
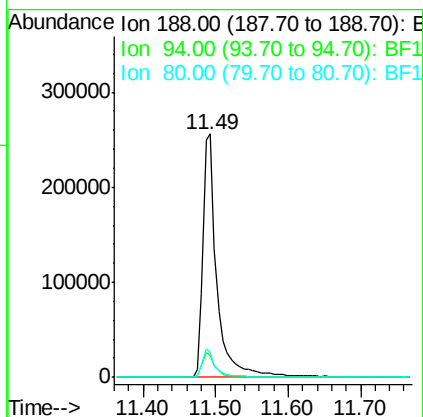
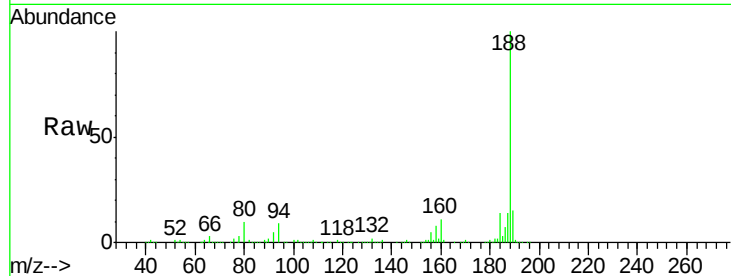
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104107.D
Acq: 30 Mar 2018 21:47

Instrument :
BNA_F
ClientSampleId :
NB-01-032918-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	347734		
94	9.2		8.5	12.7
80	10.3		9.2	13.8

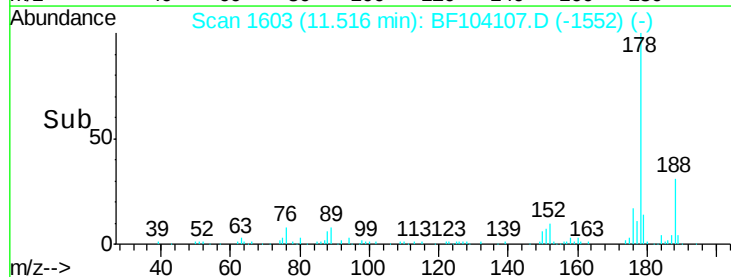
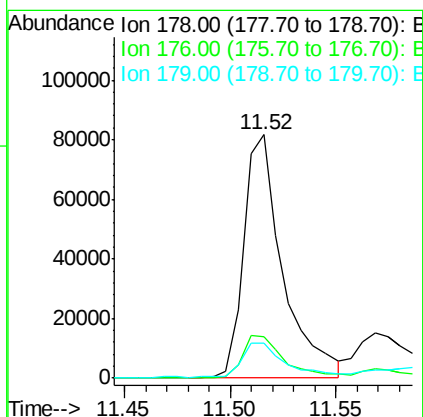
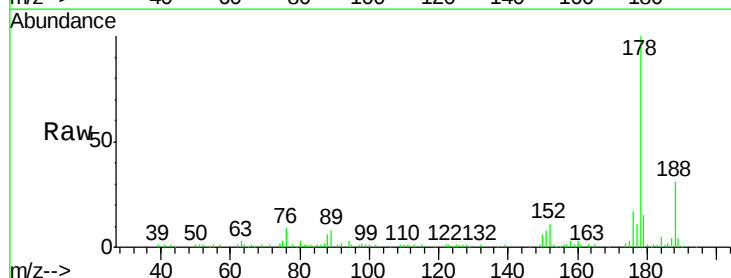
Manual Integrations
APPROVED

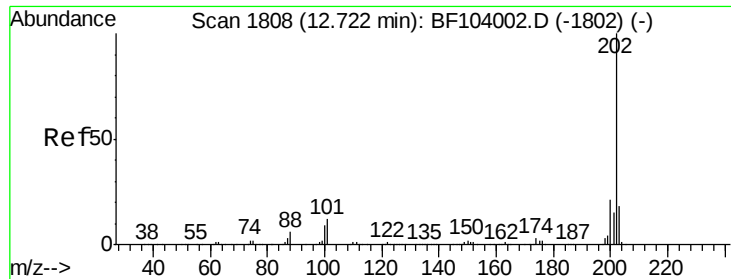
Sohil
4/2/2018 5:05:51 PM



#70
Phenanthrene
Concen: 5.566 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF104107.D
Acq: 30 Mar 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	104784		
176	17.0		15.8	23.8
179	14.5		13.0	19.6





#74

Fluoranthene

Concen: 6.941 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF104107.D

Acq: 30 Mar 2018 21:47

Instrument :

BNA_F

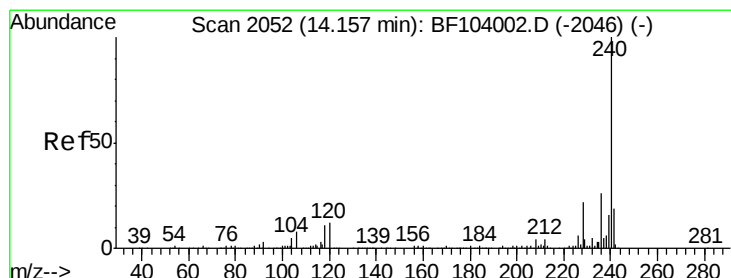
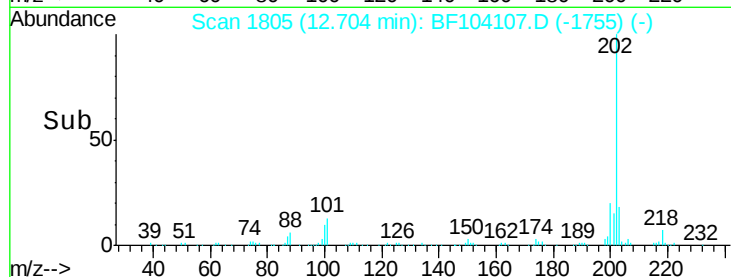
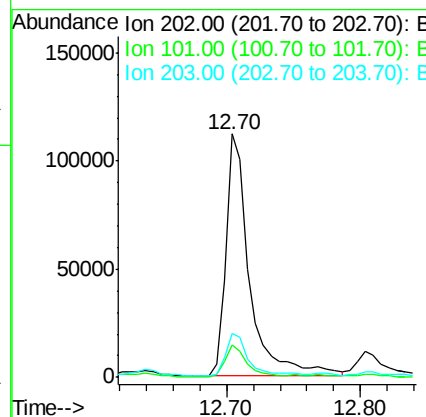
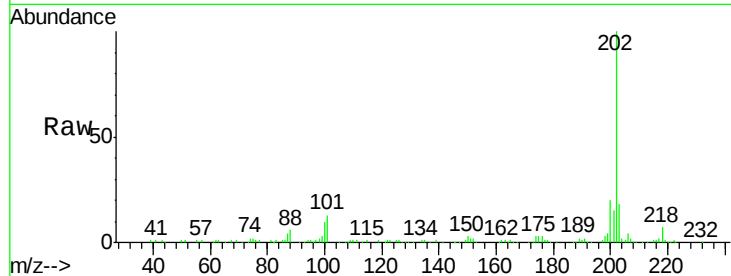
ClientSampleId :

NB-01-032918-B

Tot Ion:	202	Resp:	138904
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	17.8	0.0	38.1

Manual Integrations
APPROVED

Sohil
4/2/2018 5:05:51 PM



#75

Chrysene-d12

Concen: 20.000 ng

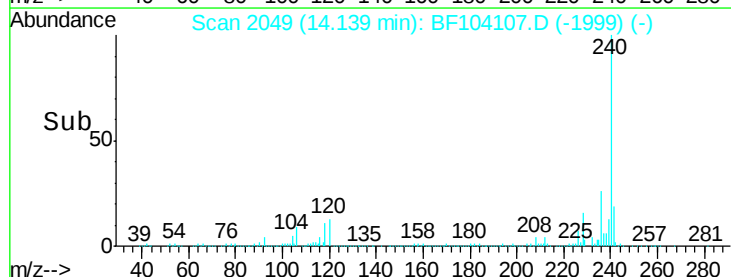
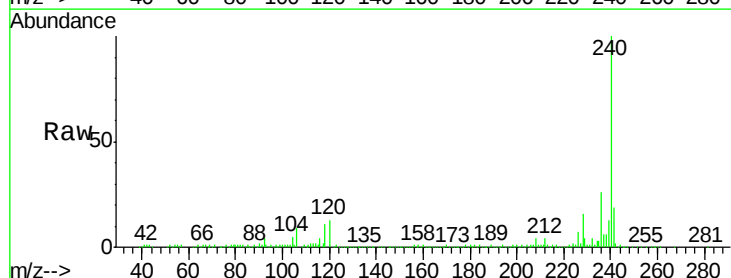
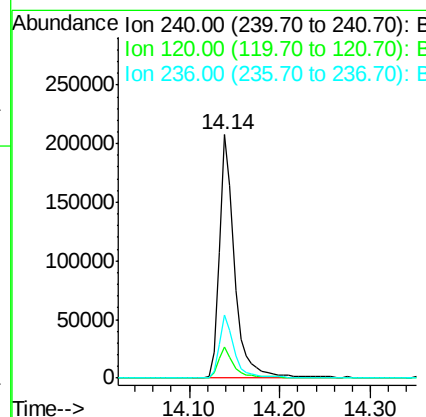
RT: 14.14 min Scan# 2049

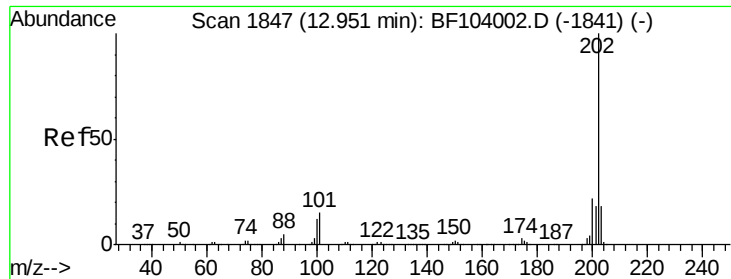
Delta R.T. -0.01 min

Lab File: BF104107.D

Acq: 30 Mar 2018 21:47

Tgt Ion:	240	Resp:	242110
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	25.9	20.7	31.1





#77

Pvrene

Concen: 11.262 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF104107.D

Acq: 30 Mar 2018 21:47

Instrument :

BNA_F

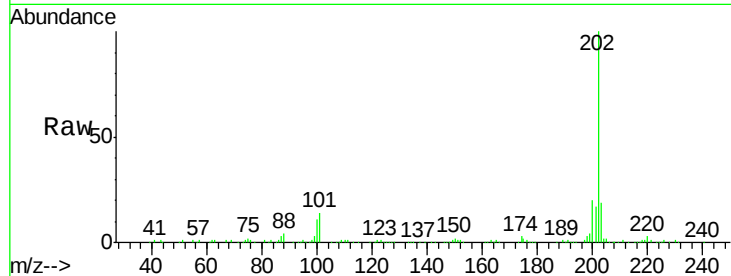
ClientSampleId :

NB-01-032918-B

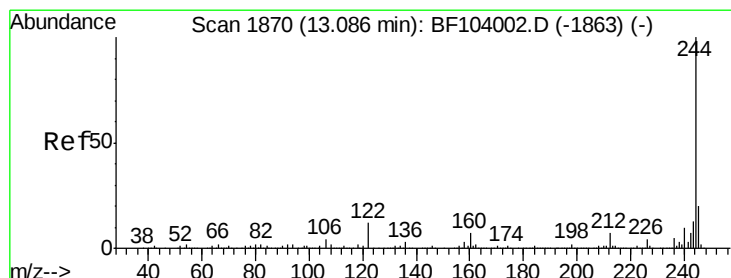
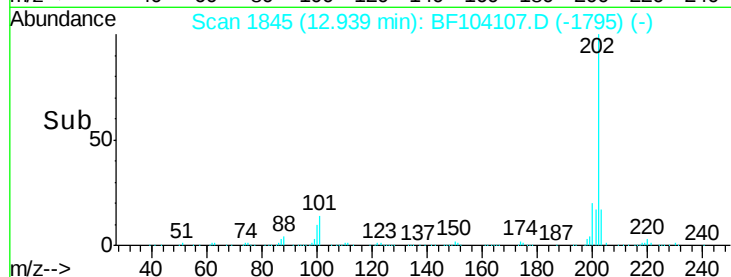
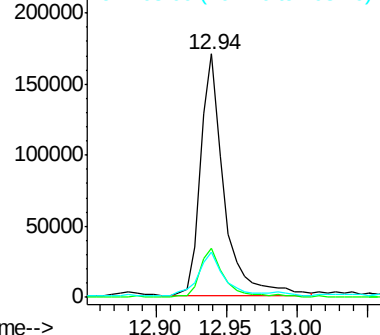
Tot Ion:	202	Resp:	196014
Ion Ratio		Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.5	14.3	21.5

Manual Integrations
APPROVED

Sohil
4/2/2018 5:05:51 PM



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: 8.717 ng

RT: 13.07 min Scan# 1867

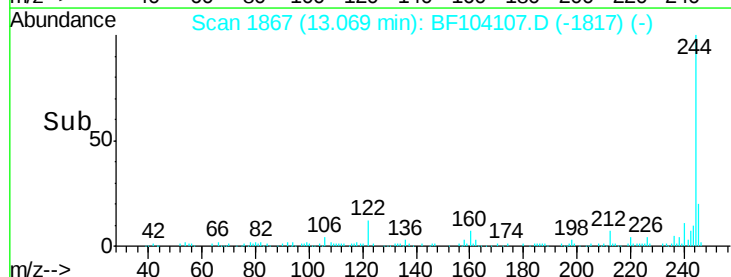
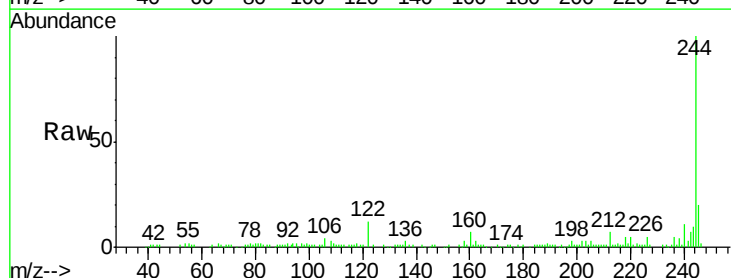
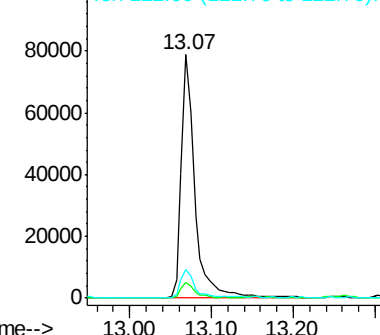
Delta R.T. -0.01 min

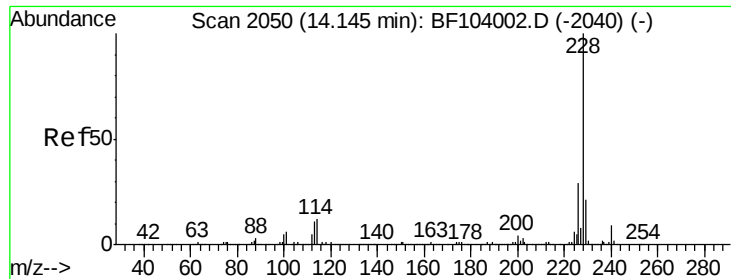
Lab File: BF104107.D

Acq: 30 Mar 2018 21:47

Tgt Ion:	244	Resp:	91409
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.0	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





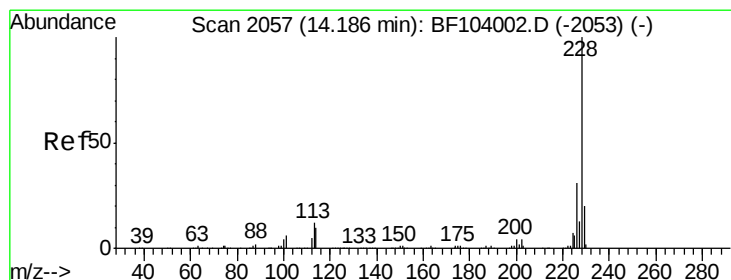
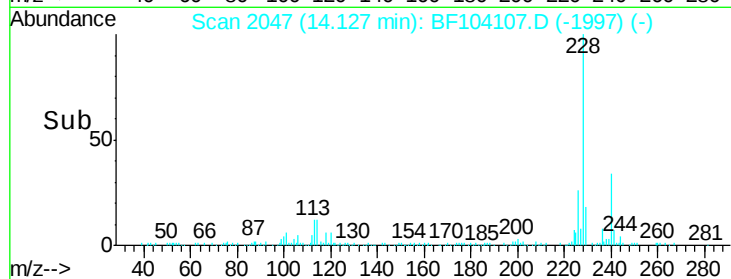
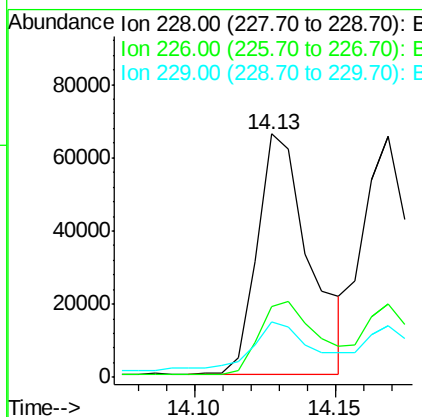
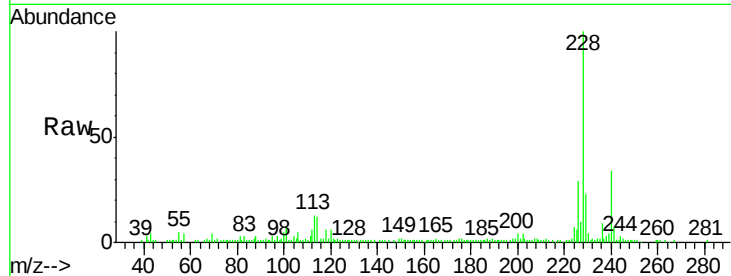
#80
Benzo(a)anthracene
Concen: 5.631 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104107.D
Acq: 30 Mar 2018 21:47

Instrument :
BNA_F
ClientSampleId :
NB-01-032918-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	22.8	15.8	23.6

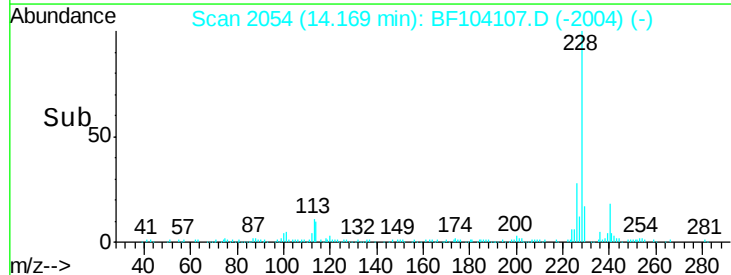
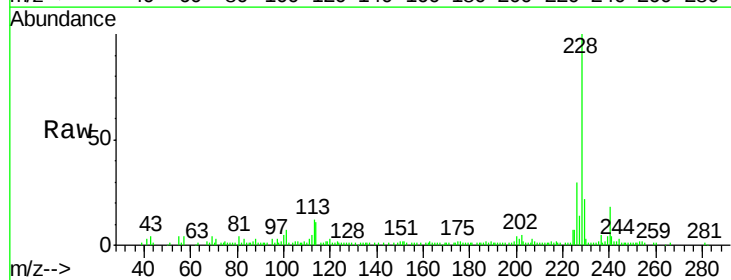
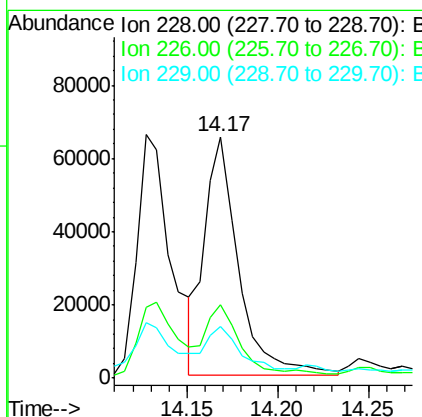
Manual Integrations
APPROVED

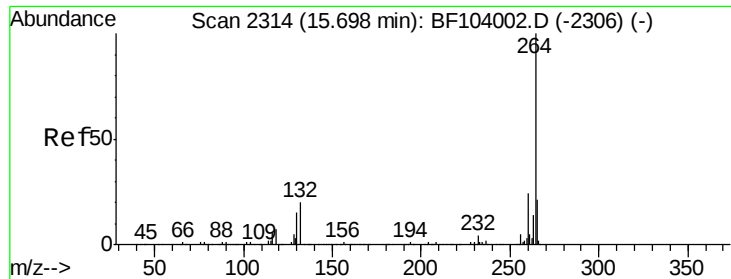
Sohil
4/2/2018 5:05:51 PM



#82
Chrysene
Concen: 5.787 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF104107.D
Acq: 30 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.5	16.2	24.4





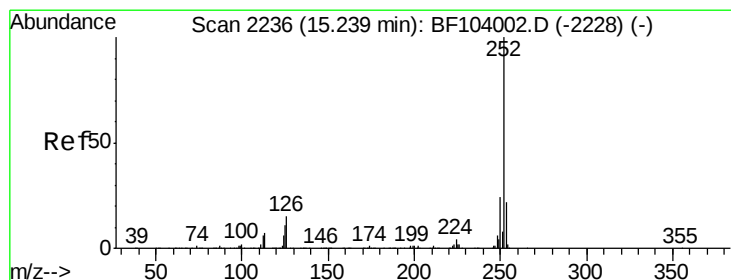
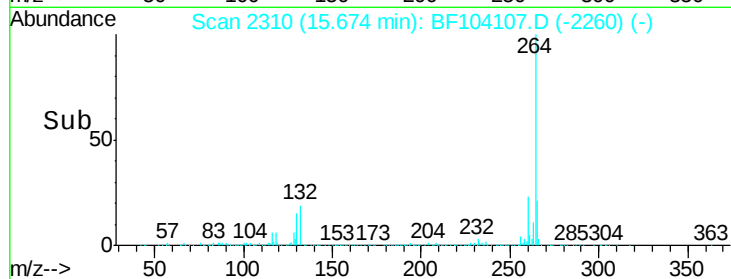
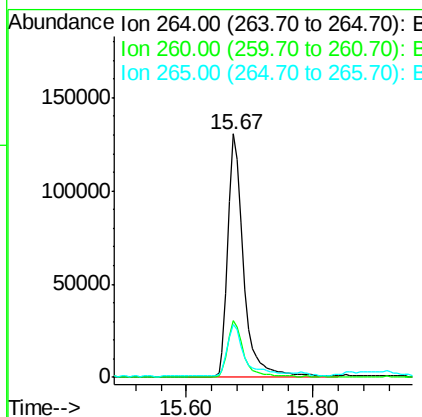
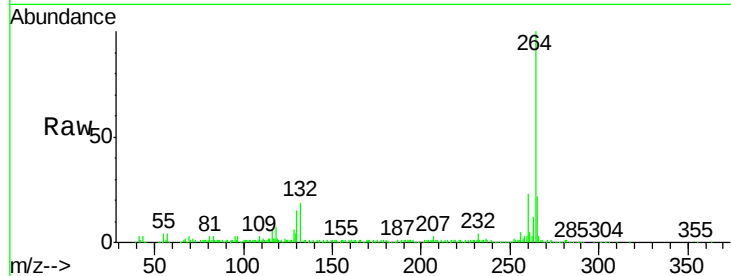
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104107.D
Acq: 30 Mar 2018 21:47

Instrument :
BNA_F
ClientSampleId :
NB-01-032918-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3

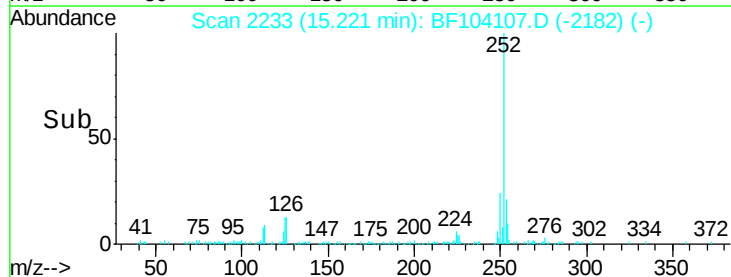
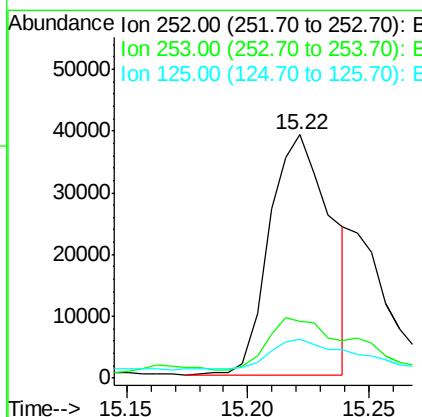
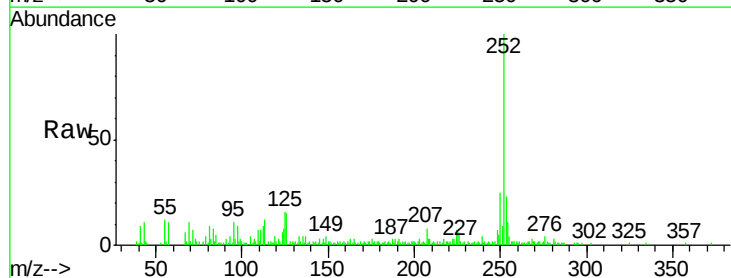
Manual Integrations
APPROVED

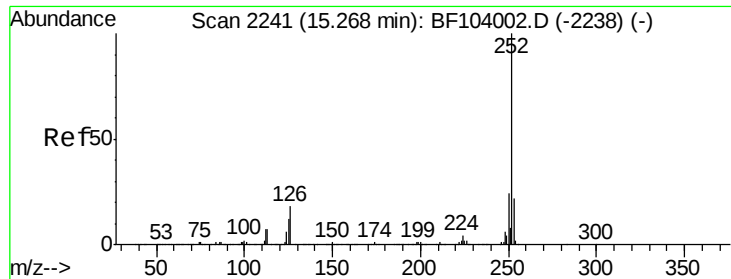
Sohil
4/2/2018 5:05:51 PM



#87
Benzo(b)fluoranthene
Concen: 5.136 ng m
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104107.D
Acq: 30 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	16.1	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 2.226 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BF104107.D

Acq: 30 Mar 2018 21:47

Instrument :

BNA_F

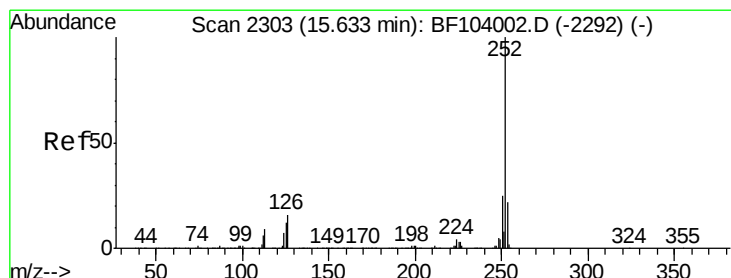
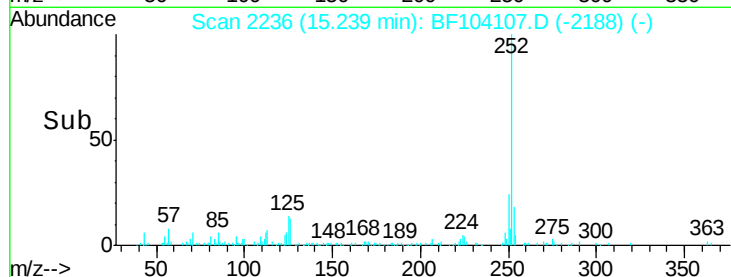
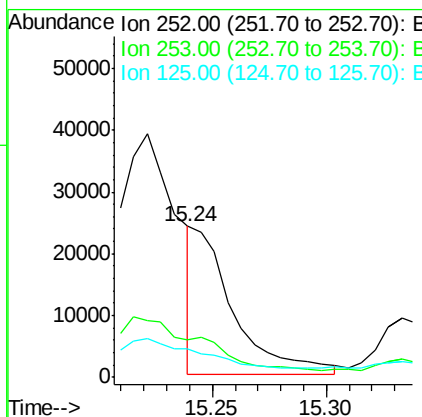
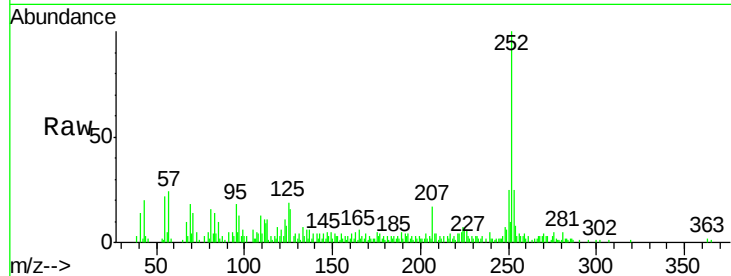
ClientSampleId :

NB-01-032918-B

Tot Ion:	252	Resp:	28338
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.9	26.9
125	19.2	10.2	15.2#

Manual Integrations
APPROVED

Sohil
4/2/2018 5:05:51 PM



#89

Benzo(a)pyrene

Concen: 5.015 ng

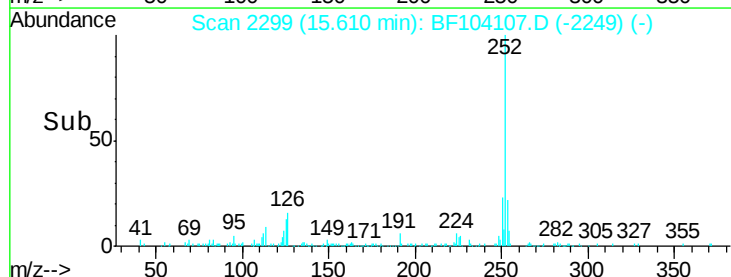
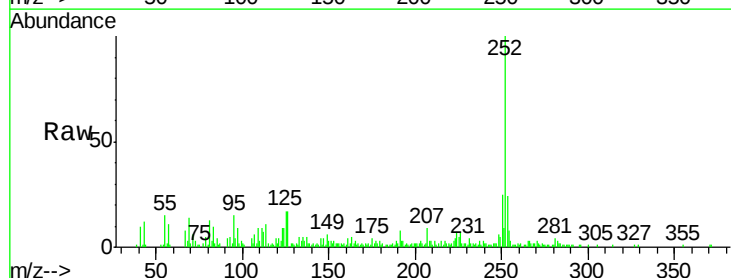
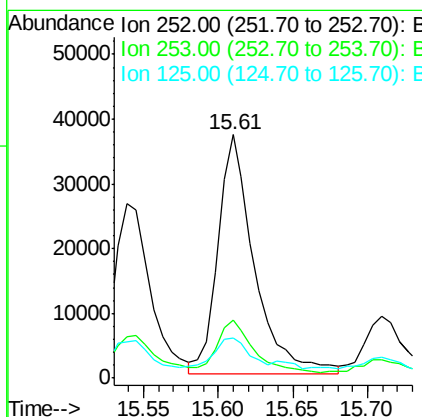
RT: 15.61 min Scan# 2299

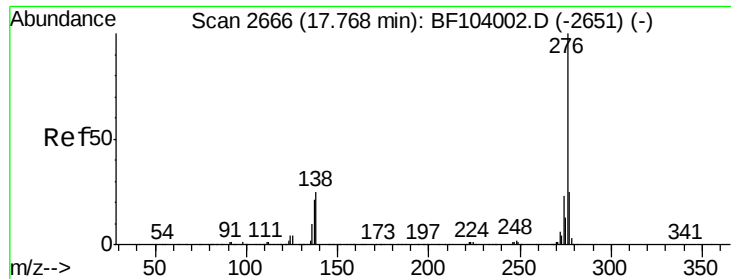
Delta R.T. -0.01 min

Lab File: BF104107.D

Acq: 30 Mar 2018 21:47

Tgt Ion:	252	Resp:	62800
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	16.6	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.770 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. -0.01 min
 Lab File: BF104107.D
 Acq: 30 Mar 2018 21:47

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-032918-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.9	17.9	26.9#
138	29.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 4/2/2018 5:05:51 PM

