

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107134.D
 Acq On : 5 Jul 2018 18:37
 Operator : JU/SJ
 Sample : J3252-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062918

Manual Integrations
 APPROVED

Sohil
 7/6/2018 8:45:25 AM

Quant Time: Jul 05 19:07:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62011	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	234472	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	103369	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	170586	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	169550	20.00	ng	-0.02
86) Perylene-d12	15.68	264	114945	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	184221	50.30	ng	-0.02
7) Phenol-d6	6.59	99	232845	50.91	ng	-0.02
23) Nitrobenzene-d5	7.51	82	139077	32.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	53007	44.24	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	257223	33.11	ng	-0.02
78) Terphenyl-d14	13.08	244	241031	34.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	42129	5.434	ng	# 97
70) Phenanthrene	11.51	178	19905	2.419	ng	98
74) Fluoranthene	12.71	202	39022	4.303	ng	97
77) Pyrene	12.95	202	34716	3.105	ng	97
82) Chrysene	14.17	228	19875	2.091	ng	# 94
87) Benzo(b)fluoranthene	15.22	252	18303m	2.563	ng	

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

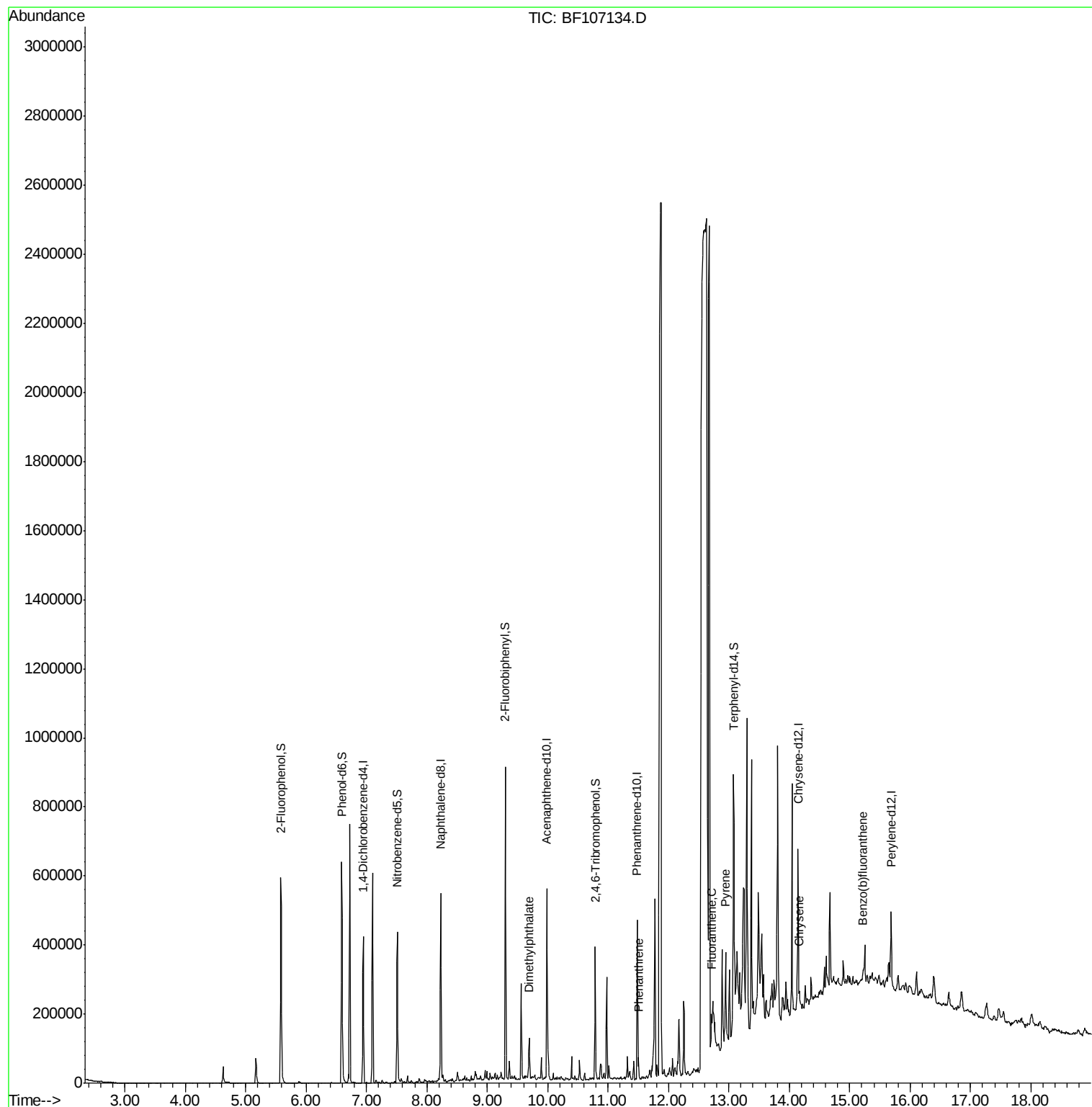
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107134.D
Acq On : 5 Jul 2018 18:37
Operator : JU/SJ
Sample : J3252-05 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

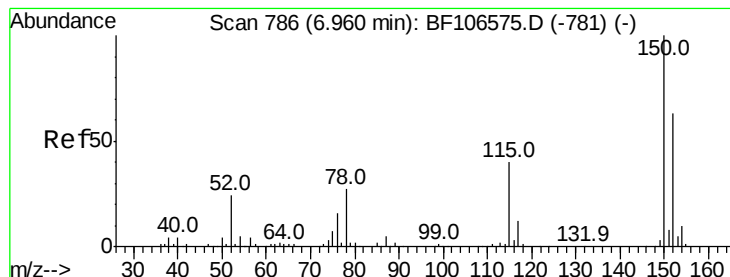
Instrument :
BNA_F
ClientSampleId :
TR-04-062918

Manual Integrations
APPROVED

Sohil
7/6/2018 8:45:25 AM

Quant Time: Jul 05 19:07:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration





#1

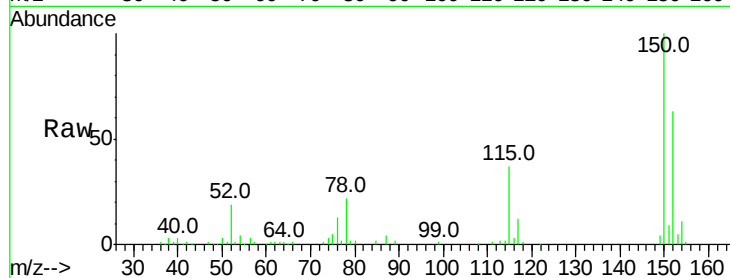
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Instrument :
BNA_F
ClientSampleId :
TR-04-062918

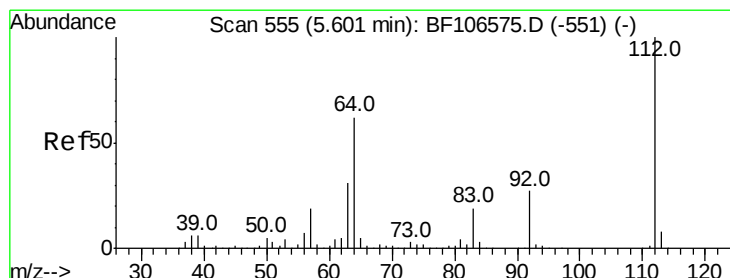
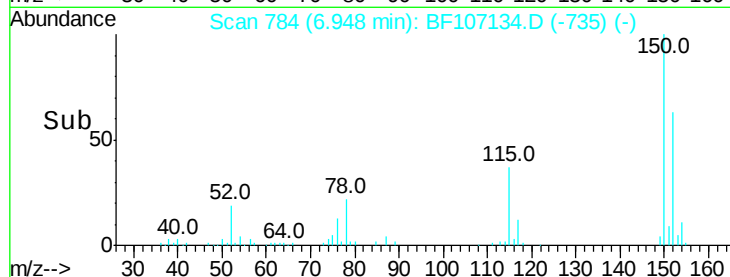
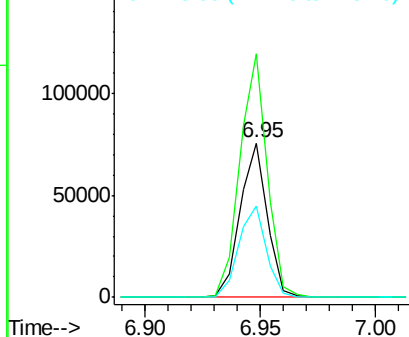
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.3	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/6/2018 8:45:25 AM



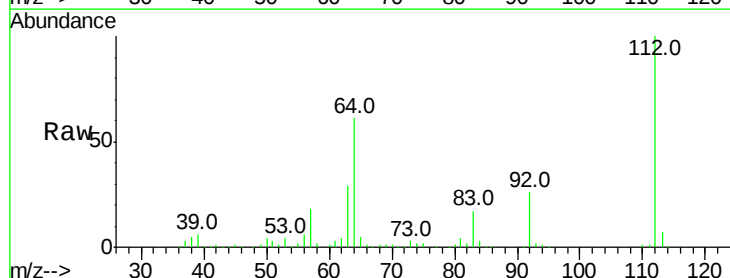
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



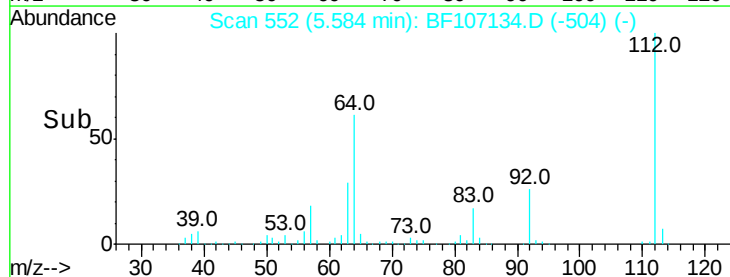
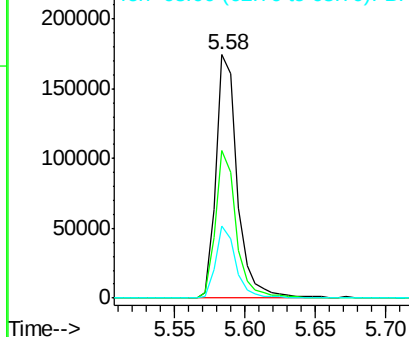
#5

2-Fluorophenol
Concen: 50.305 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	29.4	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: 50.915 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Instrument :

BNA_F

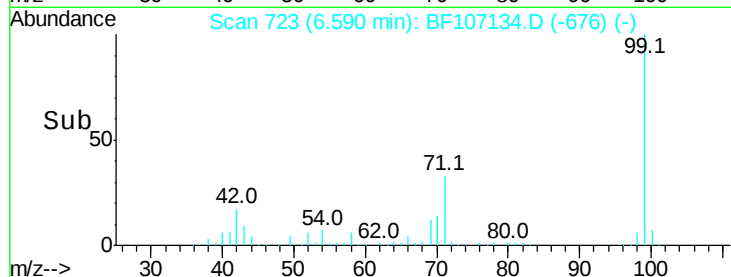
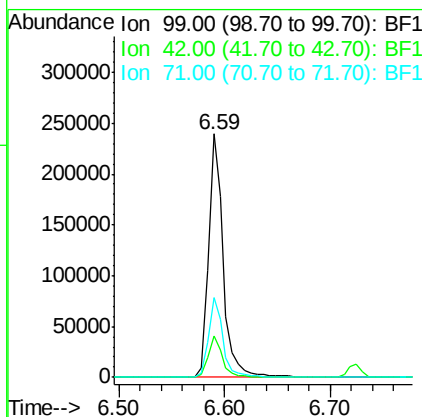
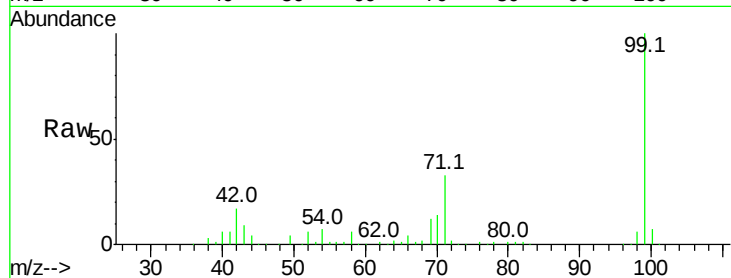
ClientSampleId :

TR-04-062918

Tot Ion:	99	Resp:	232845
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.5	21.7
71	32.7	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/6/2018 8:45:25 AM



#21

Naphthalene-d8

Concen: 20.000 ng

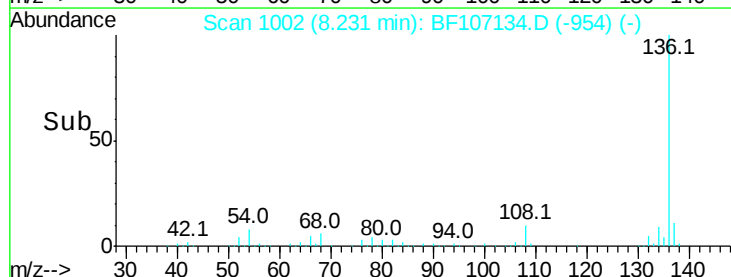
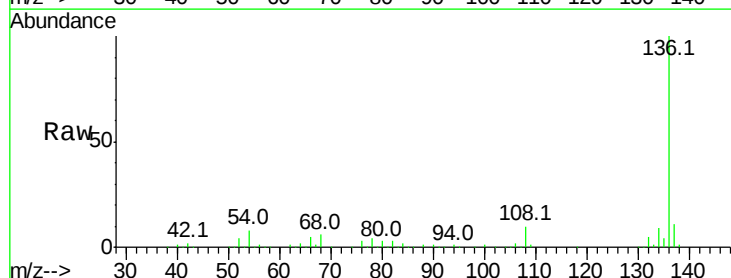
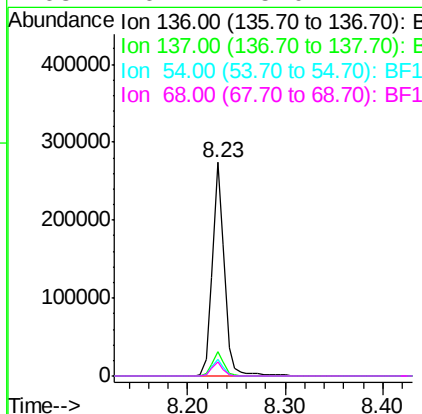
RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Tgt Ion:	136	Resp:	234472
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	6.4	5.0	7.4





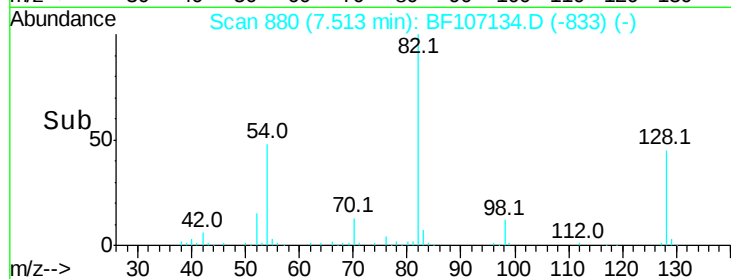
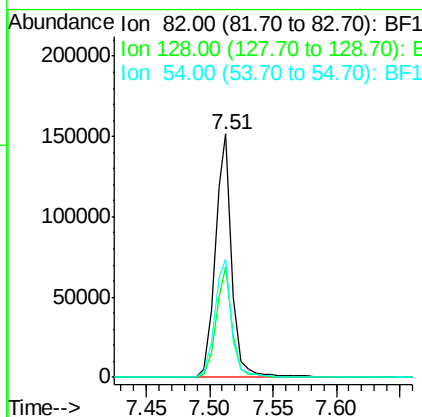
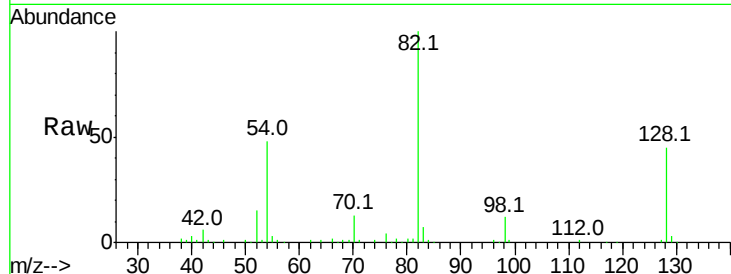
#23
 Nitrobenzene-d5
 Concen: 32.963 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062918

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	48.4	41.4	62.2

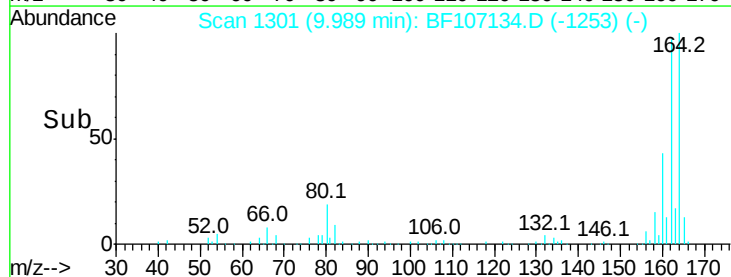
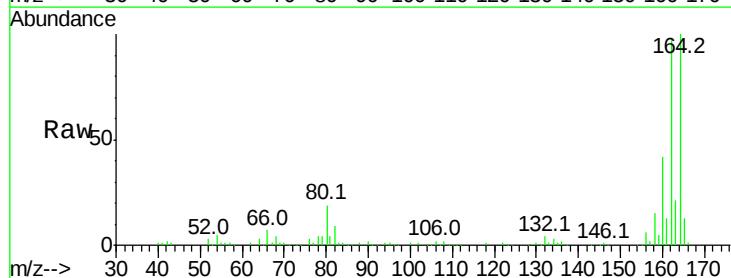
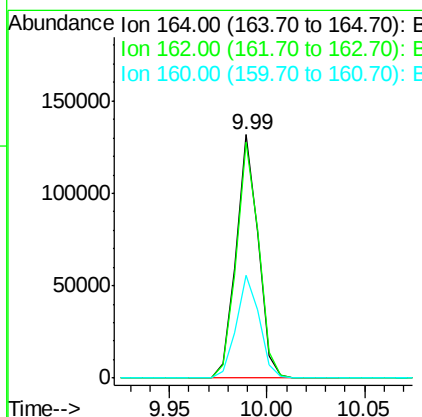
Manual Integrations
 APPROVED

Sohil
 7/6/2018 8:45:25 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	86.1	129.1
160	42.4	38.3	57.5





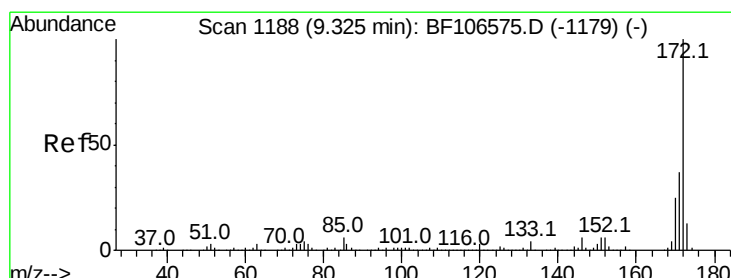
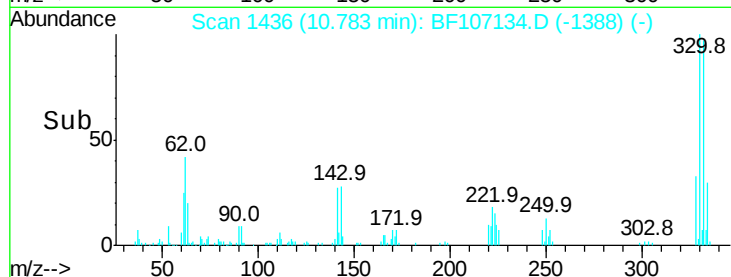
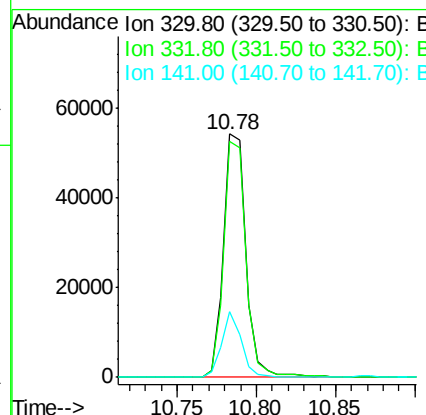
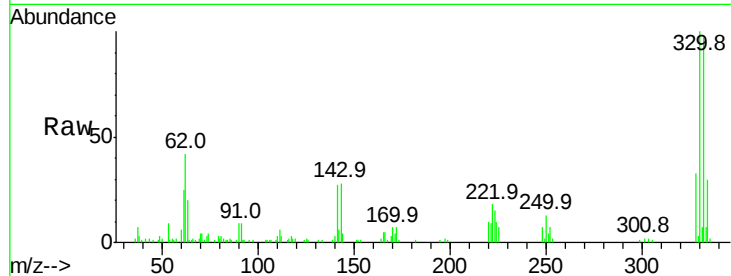
#41
 2,4,6-Tribromophenol
 Concen: 44.243 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062918

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	23.8	29.9	44.9#

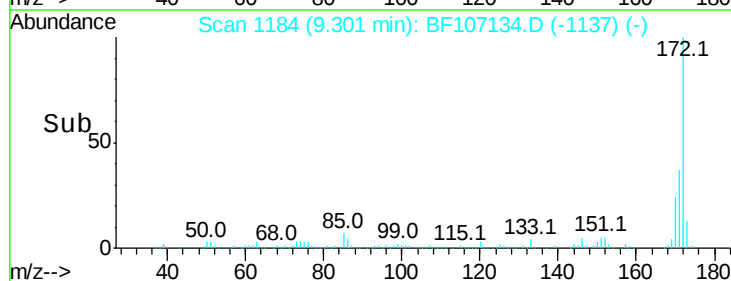
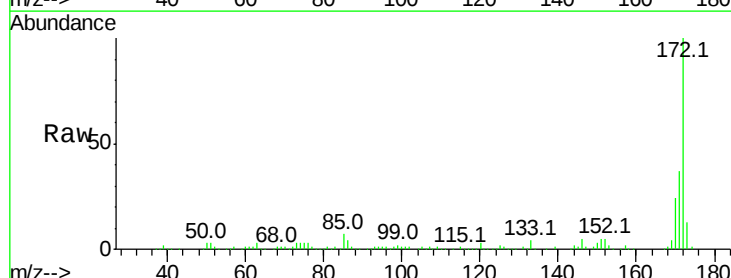
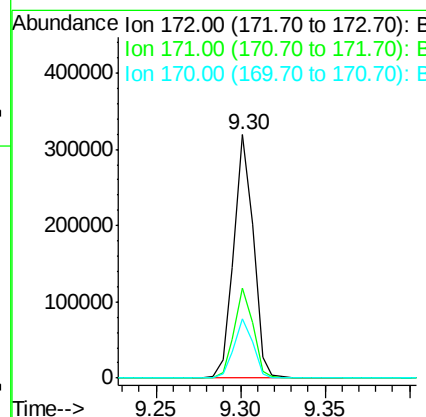
Manual Integrations
 APPROVED

Sohil
 7/6/2018 8:45:25 AM



#44
 2-Fluorobiphenyl
 Concen: 33.115 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.2	19.6	29.4





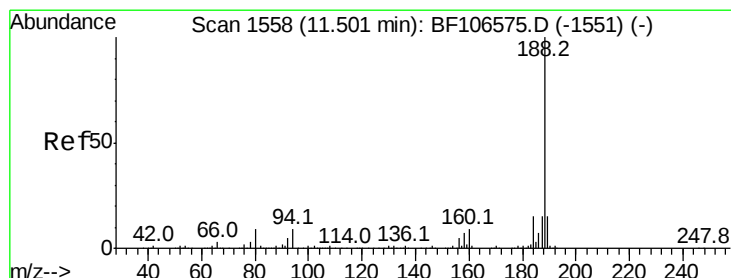
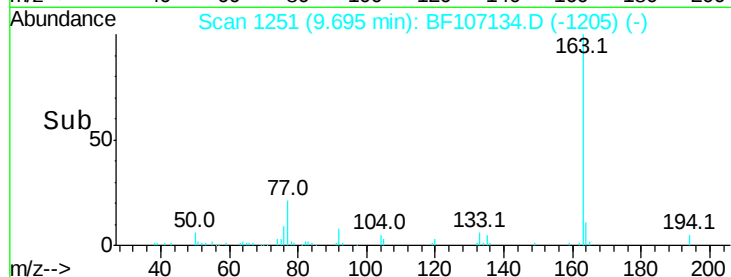
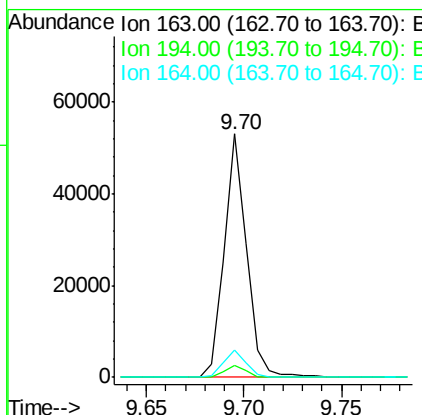
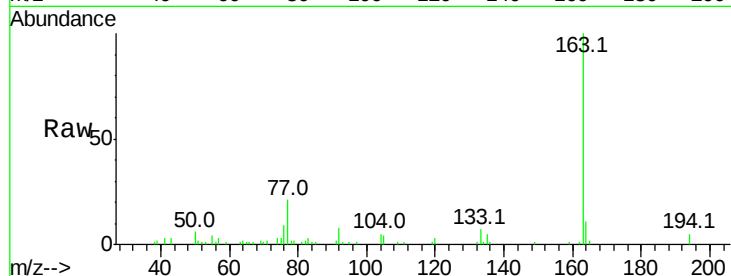
#49
Dimethylphthalate
Concen: 5.434 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Instrument :
BNA_F
ClientSampleId :
TR-04-062918

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	11.3	8.2	12.2

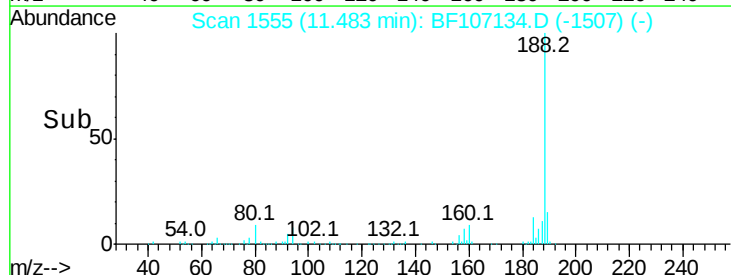
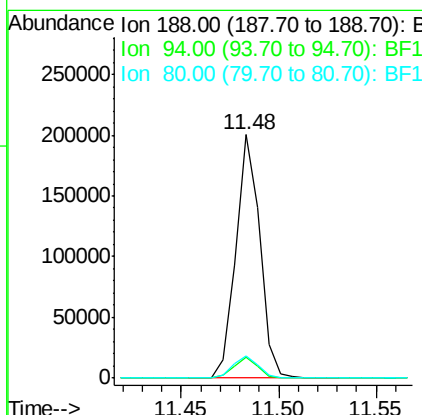
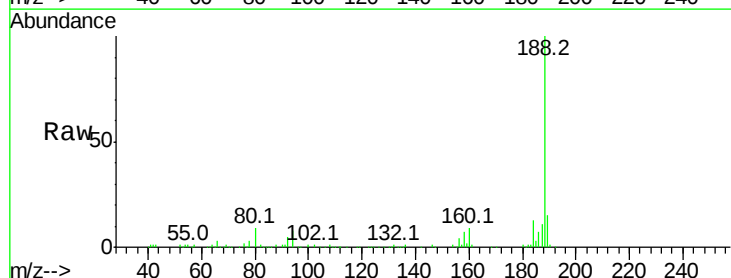
Manual Integrations
APPROVED

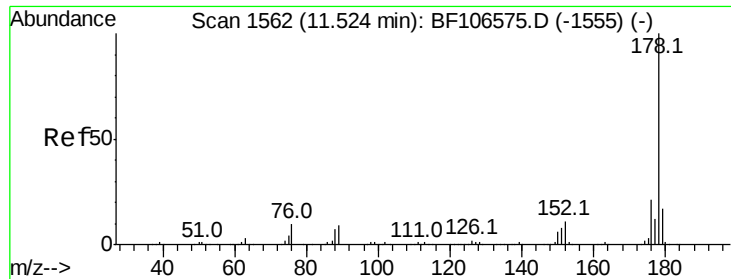
Sohil
7/6/2018 8:45:25 AM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.2	9.2	13.8





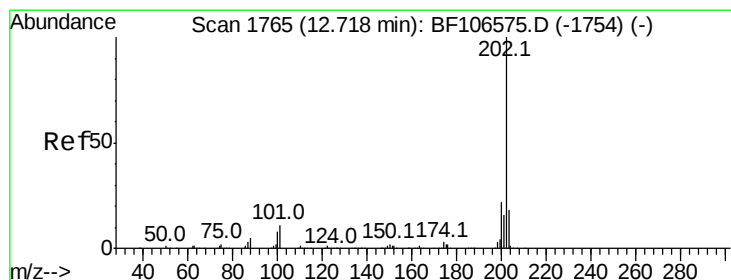
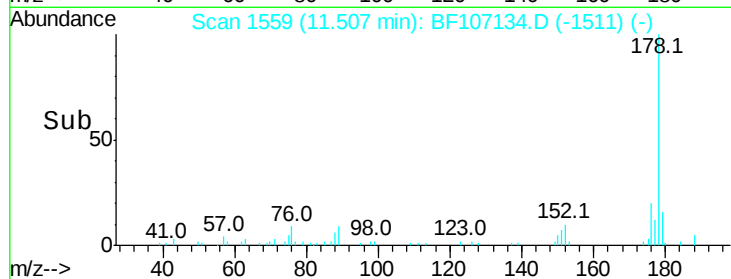
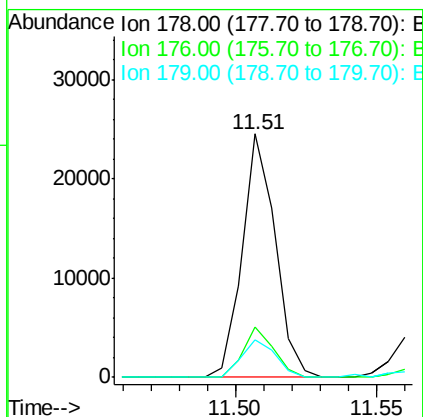
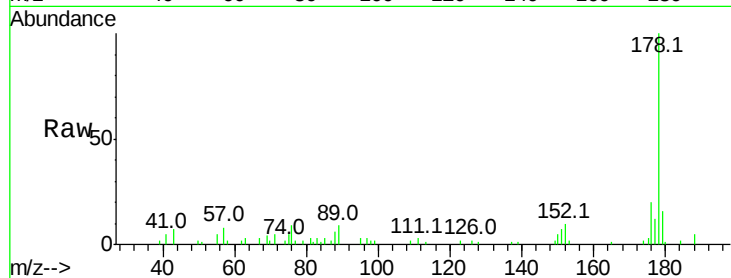
#70
Phenanthrene
Concen: 2.419 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Instrument :
BNA_F
ClientSampleId :
TR-04-062918

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.5	13.0	19.6

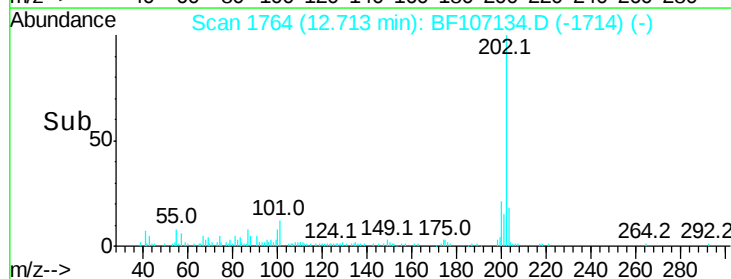
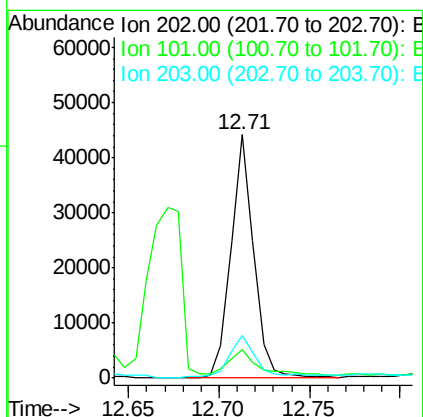
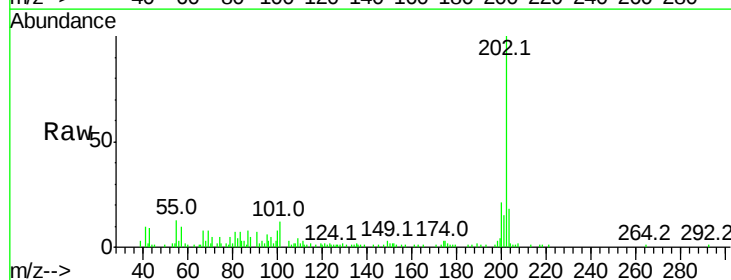
Manual Integrations
APPROVED

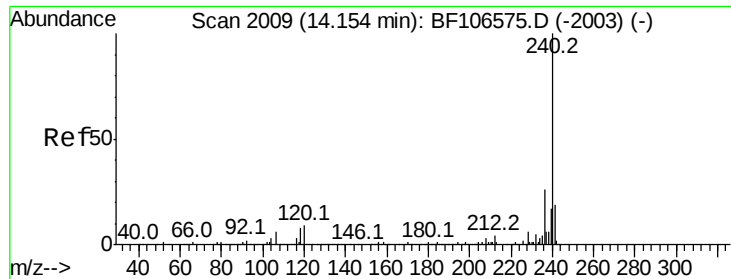
Sohil
7/6/2018 8:45:25 AM



#74
Fluoranthene
Concen: 4.303 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107134.D
Acq: 5 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Instrument :

BNA_F

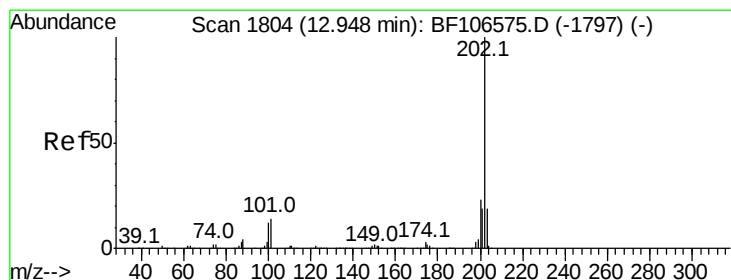
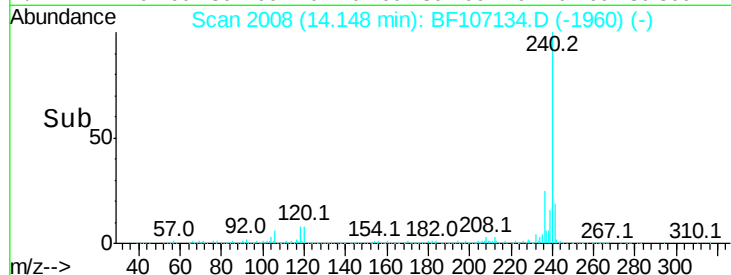
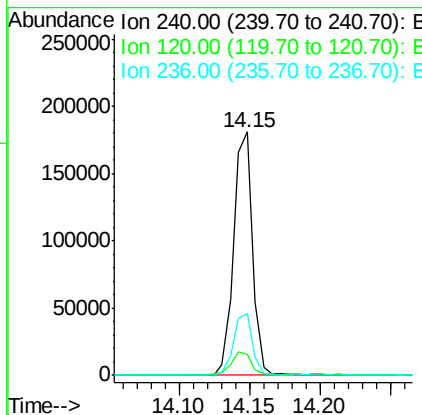
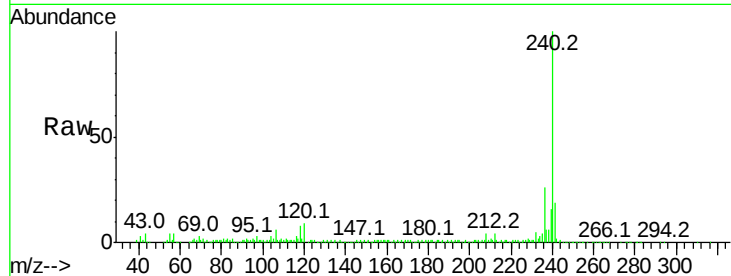
ClientSampleId :

TR-04-062918

Tot Ion:	240	Resp:	169550
Ion Ratio		Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.5	20.7	31.1

Manual Integrations
APPROVED

Sohil
7/6/2018 8:45:25 AM



#77

Pyrene

Concen: 3.105 ng

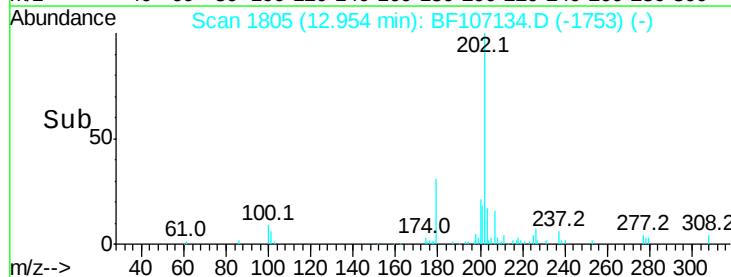
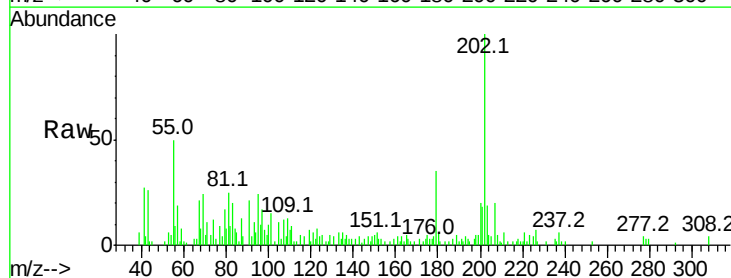
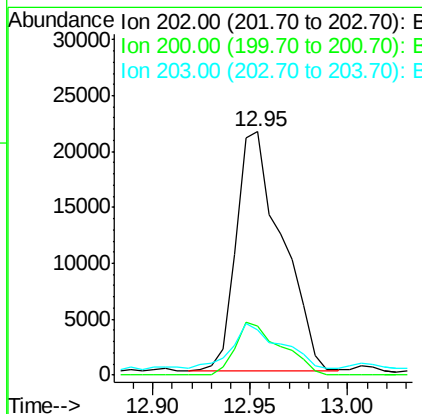
RT: 12.95 min Scan# 1805

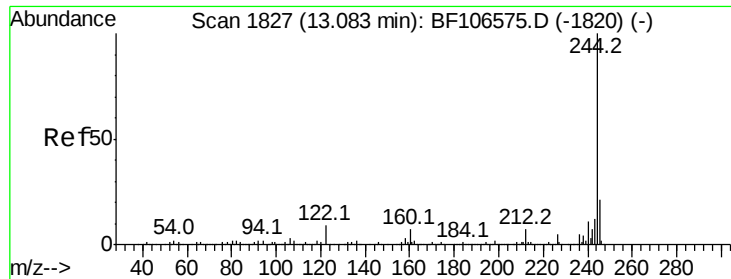
Delta R.T. 0.01 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Tgt Ion:	202	Resp:	34716
Ion Ratio		Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.7	14.3	21.5





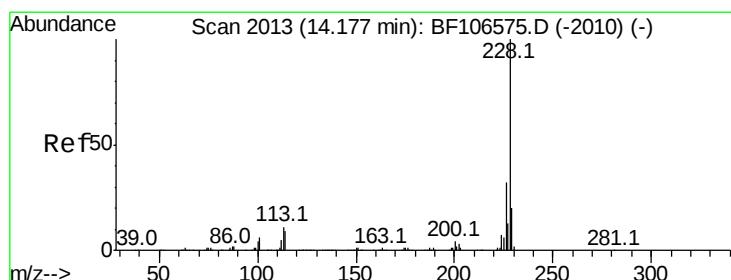
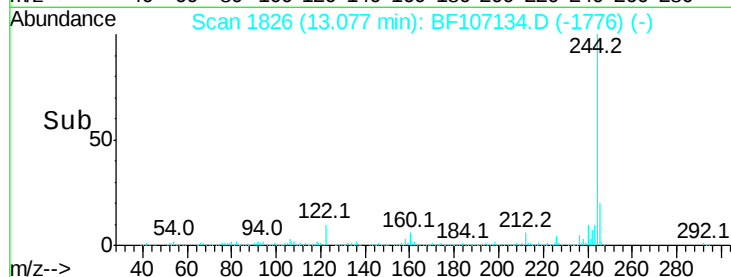
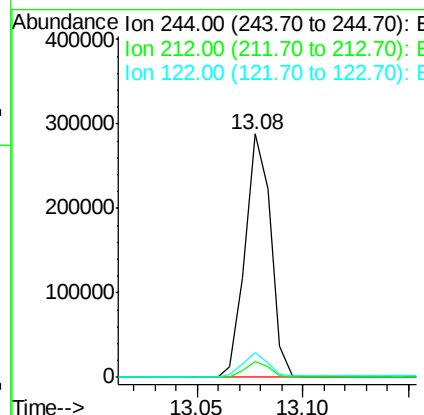
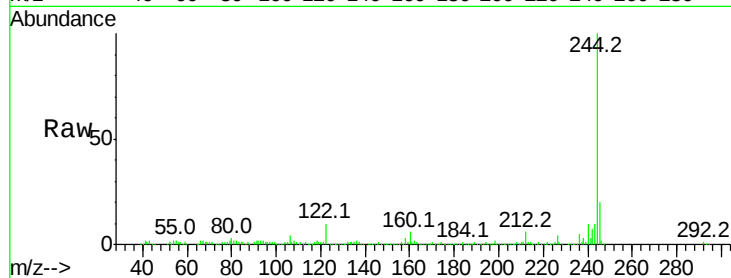
#78
 Terphenyl-d14
 Concen: 34.435 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-062918

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.3	5.4	8.0	
122	10.0	11.0	16.4	

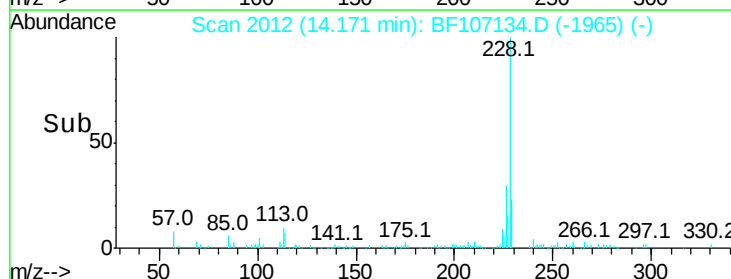
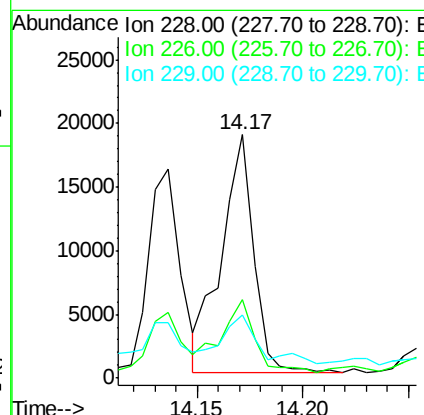
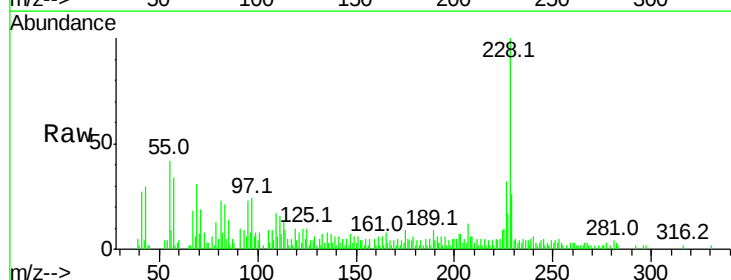
Manual Integrations
 APPROVED

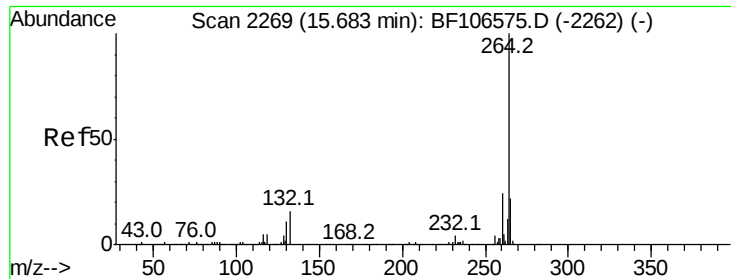
Sohil
 7/6/2018 8:45:25 AM



#82
 Chrysene
 Concen: 2.091 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF107134.D
 Acq: 5 Jul 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.0	25.0	37.6	
229	26.1	16.2	24.4	





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Instrument :

BNA_F

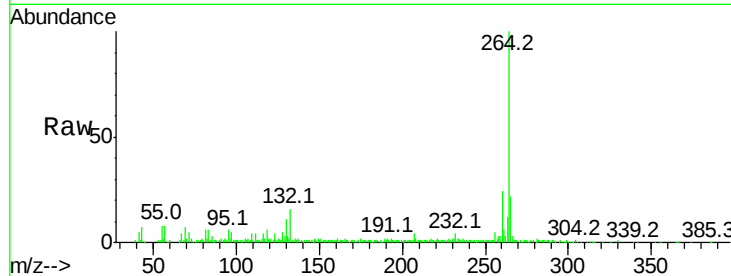
ClientSampleId :

TR-04-062918

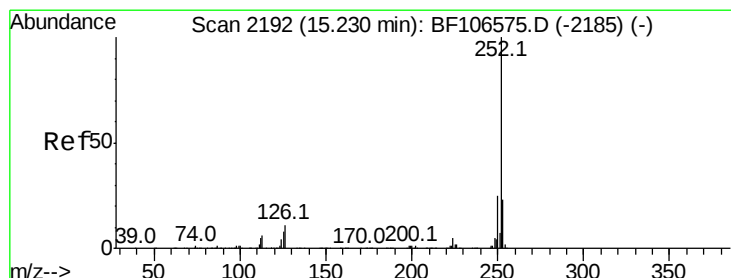
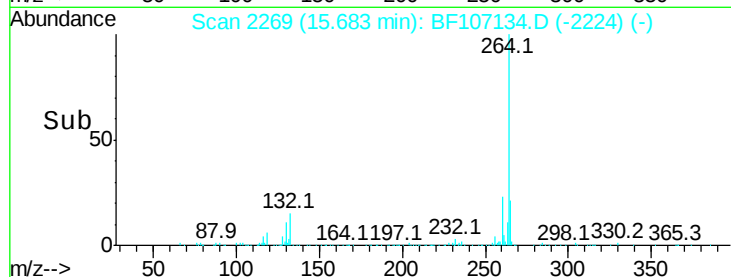
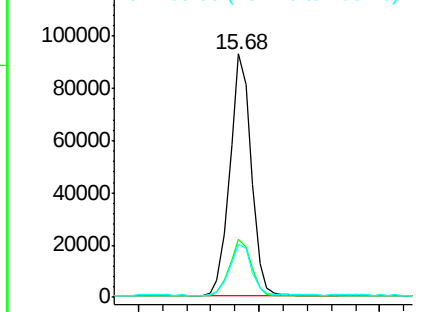
Tot Ion:	264	Resp:	114945
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
7/6/2018 8:45:25 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 2.563 ng m

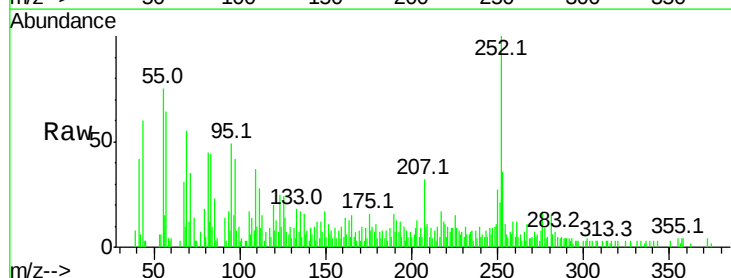
RT: 15.22 min Scan# 2191

Delta R.T. -0.04 min

Lab File: BF107134.D

Acq: 5 Jul 2018 18:37

Tgt Ion:	252	Resp:	18303
Ion Ratio	Lower	Upper	
252	100		
253	35.9	17.0	25.6#
125	24.3	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

