

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101969.D
 Acq On : 9 Jan 2018 22:51
 Operator : SJ/JU
 Sample : J1043-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:45:23 AM

Quant Time: Jan 10 00:14:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	212894	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	761930	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	261742	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	424750	20.00	ng	0.00
75) Chrysene-d12	13.88	240	413198	20.00	ng	0.00
86) Perylene-d12	15.30	264	284622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1470654	97.55	ng	0.02
7) Phenol-d6	6.36	99	1665037	92.56	ng	0.01
23) Nitrobenzene-d5	7.29	82	983648	75.86	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	203095	88.91	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1112979	66.43	ng	0.00
78) Terphenyl-d14	12.83	244	842589	42.34	ng	0.00
Target Compounds						
10) Phenol	6.37	94	87198	4.289	ng	88
49) Dimethylphthalate	9.48	163	107492	5.119	ng	100
70) Phenanthrene	11.27	178	57388	2.313	ng	95
74) Fluoranthene	12.45	202	107083	4.387	ng	98
77) Pyrene	12.68	202	102254	2.800	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	49799	2.590	ng	# 99
87) Benzo(b)fluoranthene	14.89	252	48777m	2.628	ng	

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

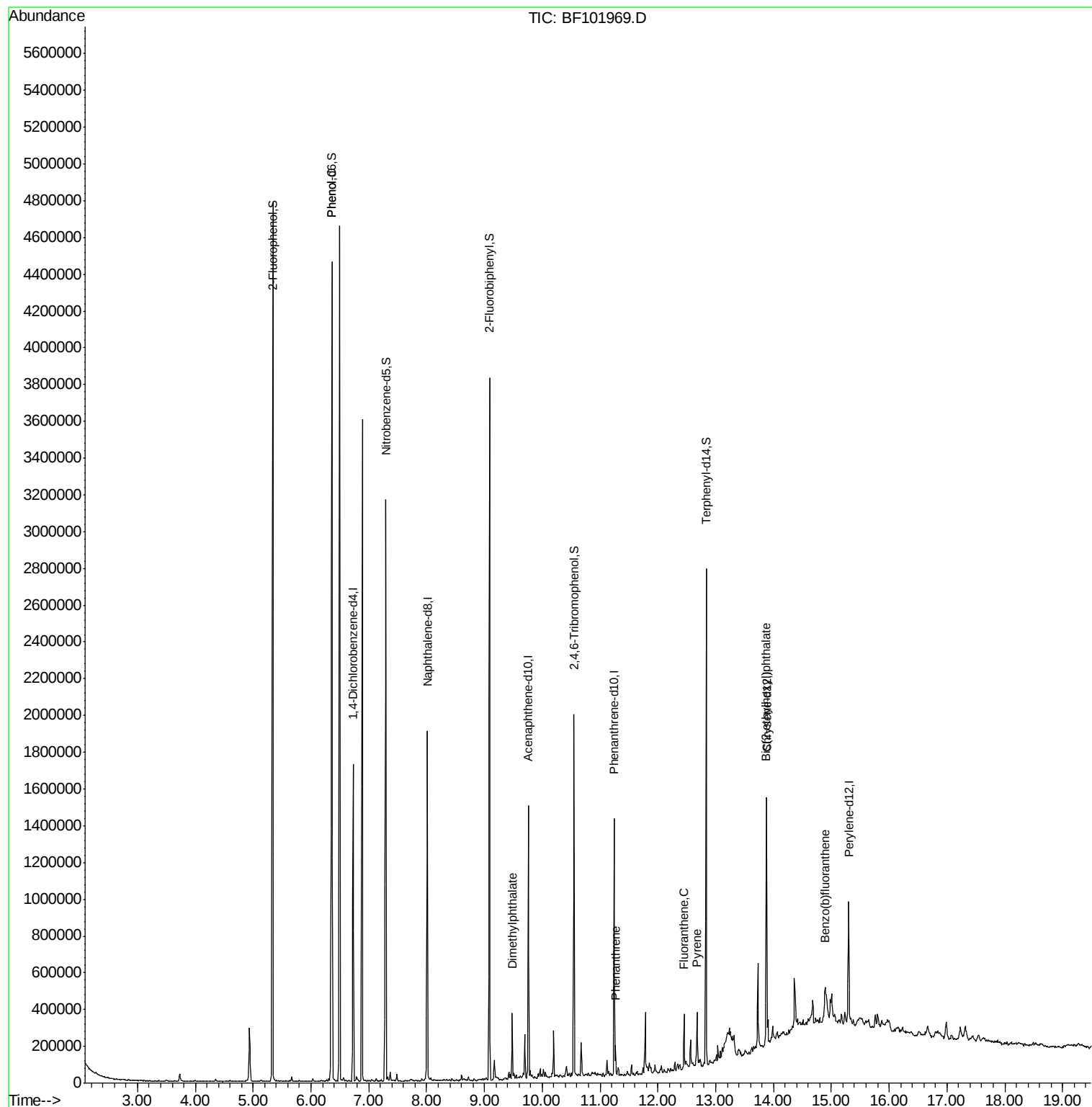
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101969.D
Acq On : 9 Jan 2018 22:51
Operator : SJ/JU
Sample : J1043-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

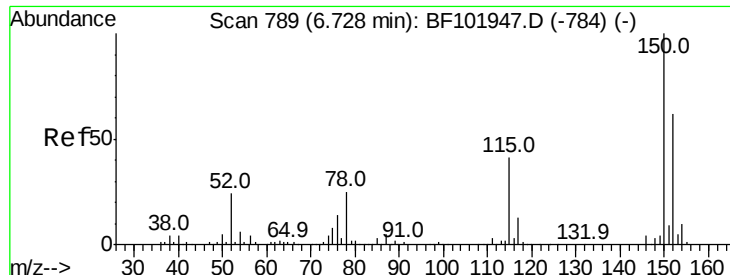
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:23 AM

Quant Time: Jan 10 00:14:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration





#1

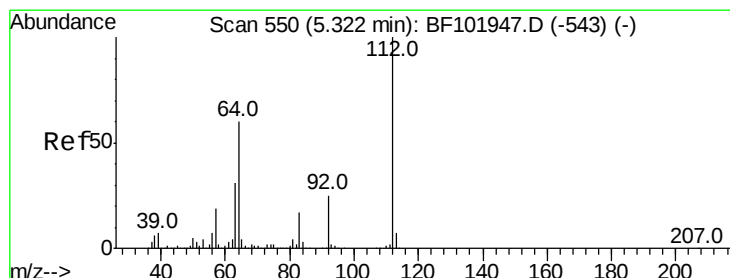
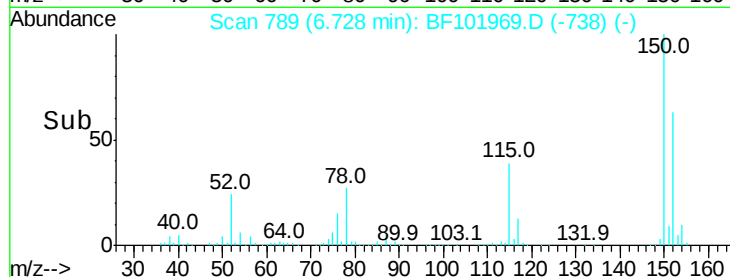
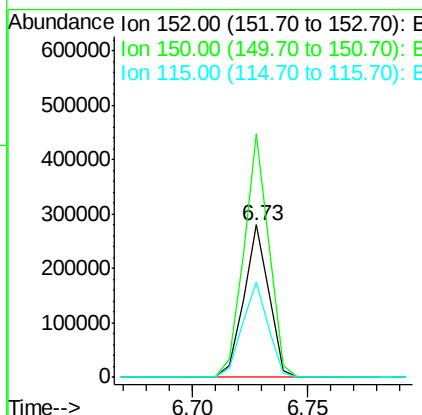
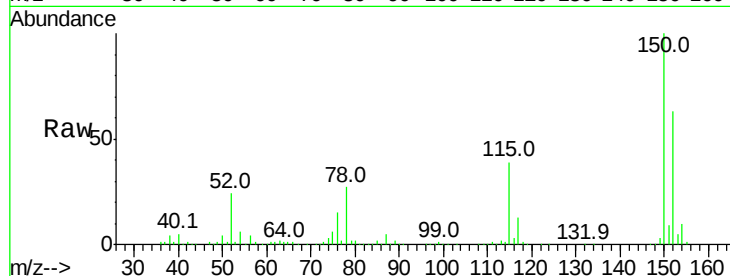
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	62.2	50.1	75.1

Manual Integrations
APPROVED

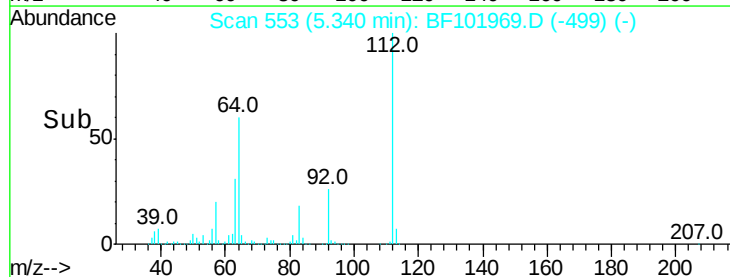
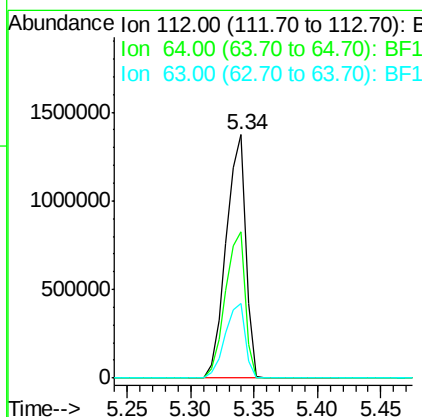
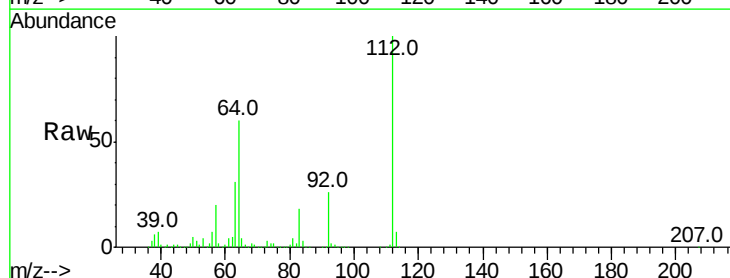
Sohil
1/10/2018 11:45:23 AM

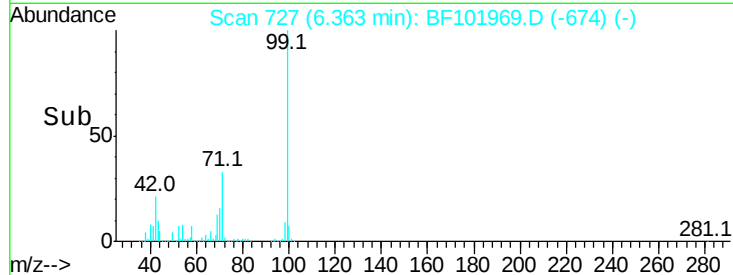
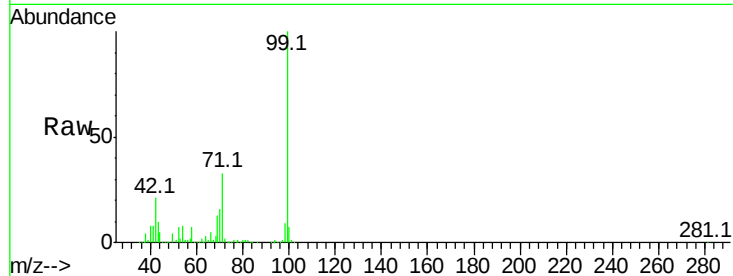


#5

2-Fluorophenol
Concen: 97.545 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 92.564 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	20.7	14.5	21.7	
71	33.2	25.4	38.0	

Instrument :

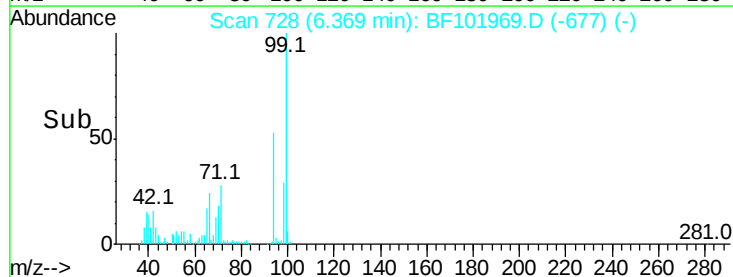
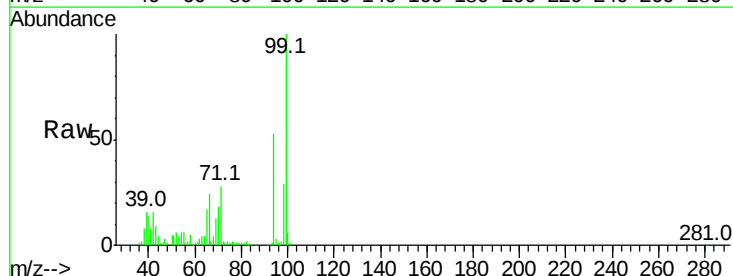
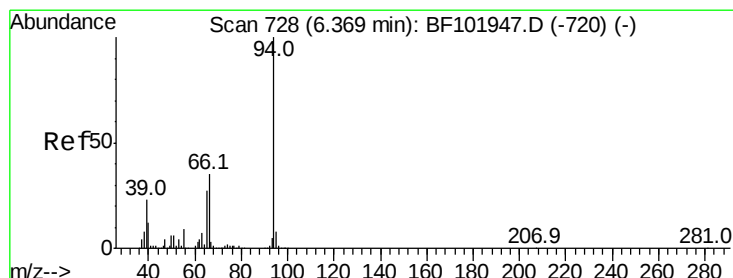
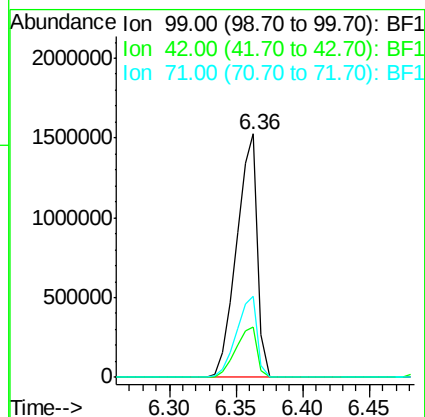
BNA_F

ClientSampleId :

SB-03-COMP

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:23 AM



#10

Phenol

Concen: 4.289 ng

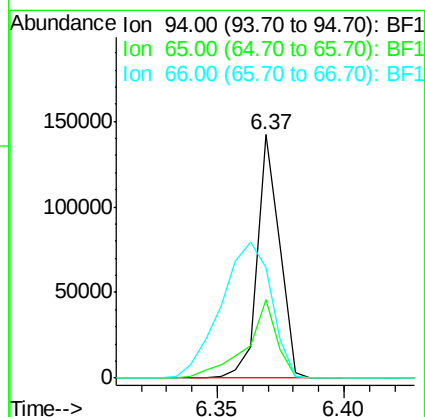
RT: 6.37 min Scan# 728

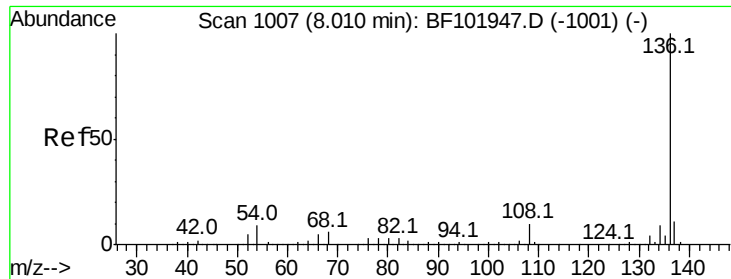
Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	32.5	7.9	47.9	
66	45.2	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

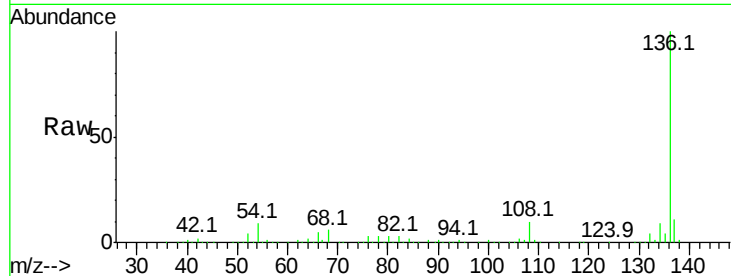
ClientSampleId :

SB-03-COMP

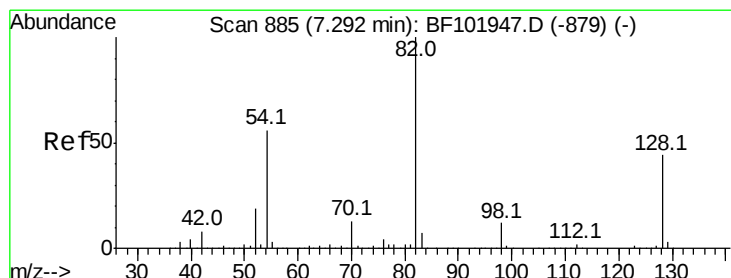
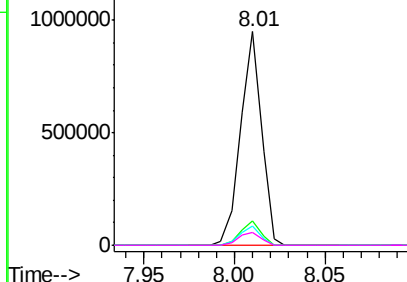
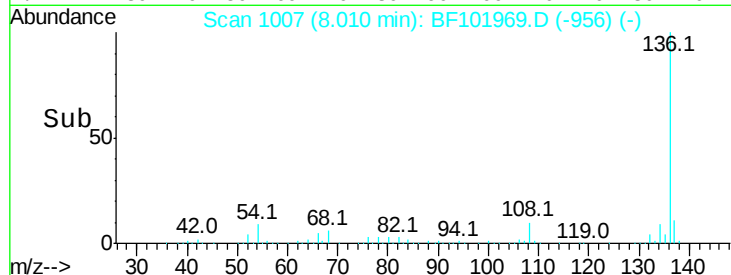
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:23 AM



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: 75.864 ng

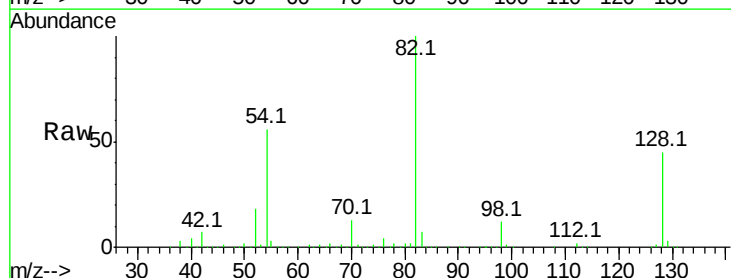
RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

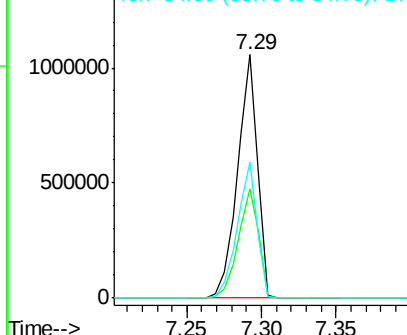
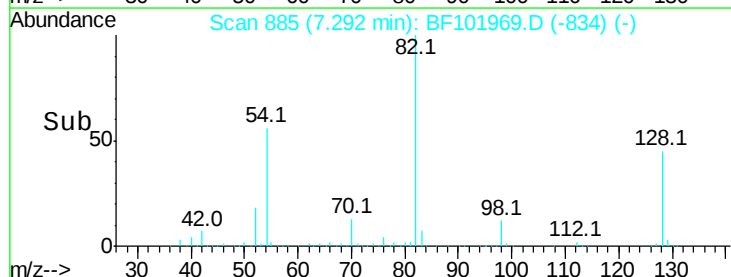
Lab File: BF101969.D

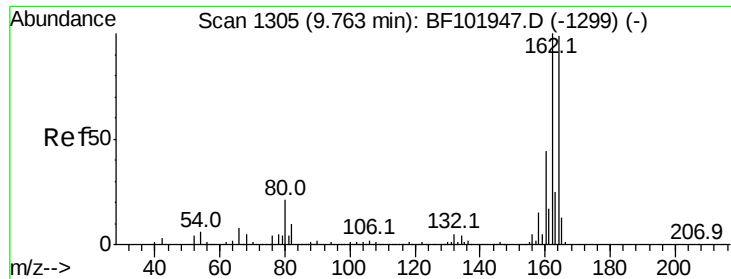
Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.8	36.1	54.1
54	56.1	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





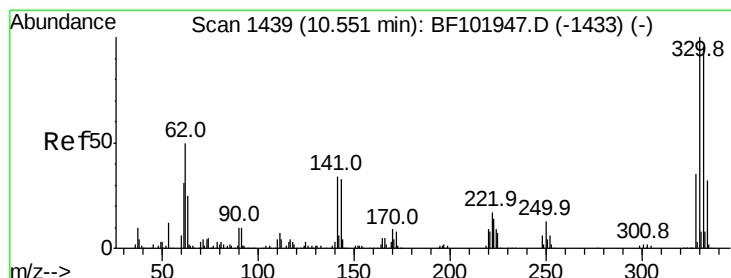
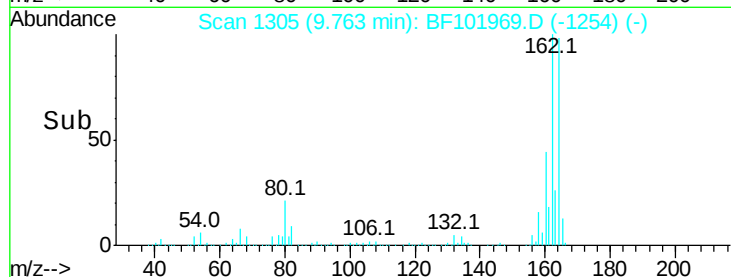
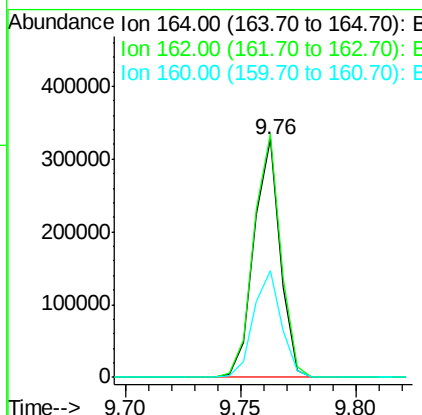
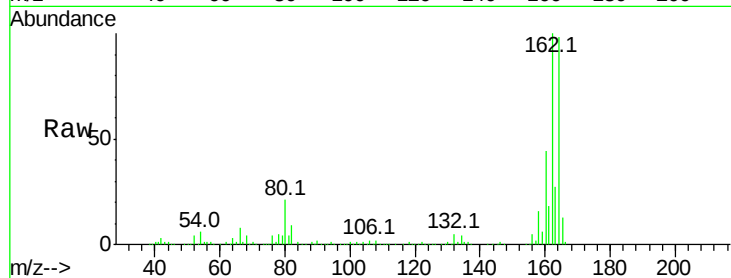
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	261742		
162	102.2	86.1	129.1	
160	44.8	38.3	57.5	

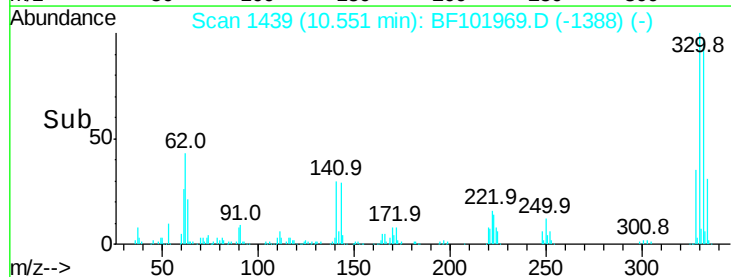
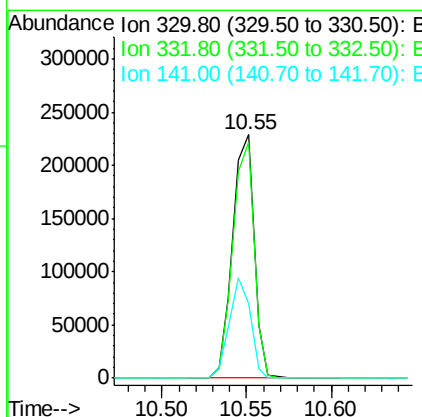
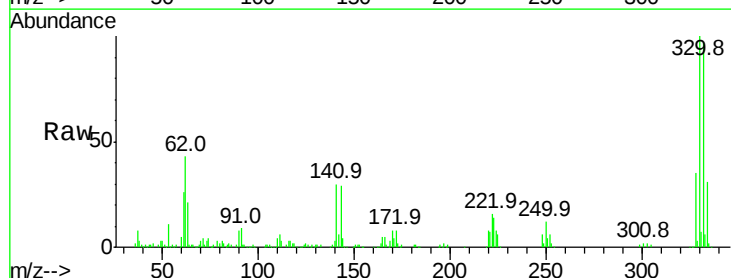
Manual Integrations
 APPROVED

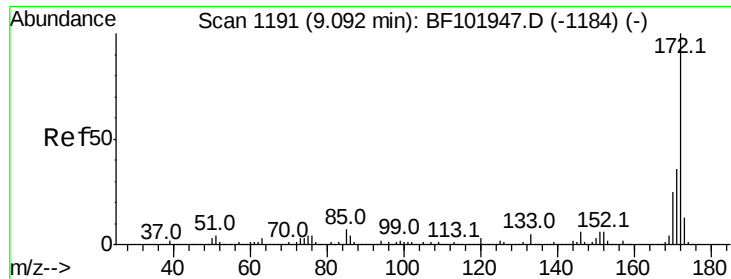
Sohil
 1/10/2018 11:45:23 AM



#41
 2,4,6-Tribromophenol
 Concen: 88.913 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	203095		
332	96.1	77.0	115.6	
141	40.7	29.9	44.9	





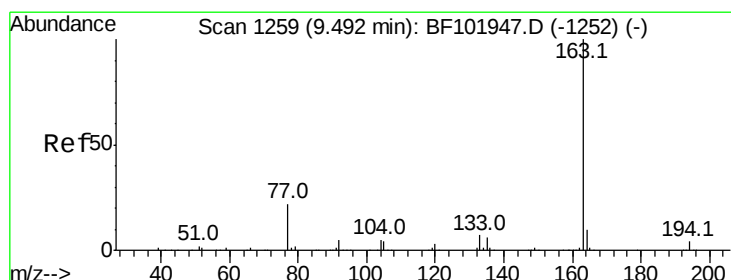
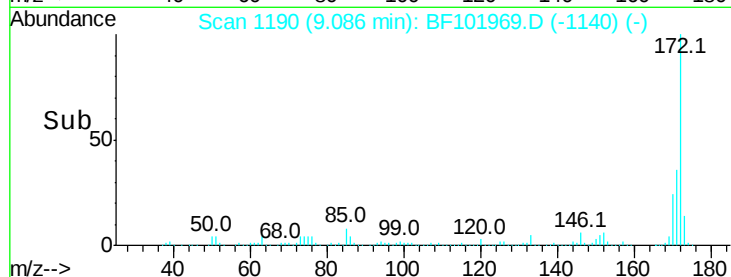
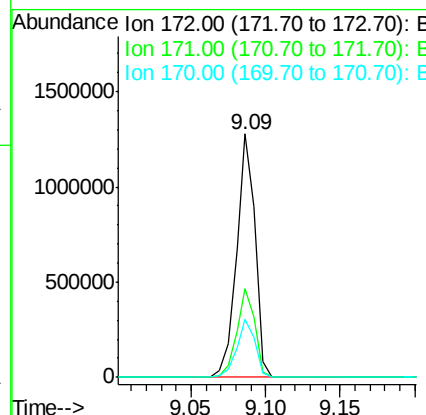
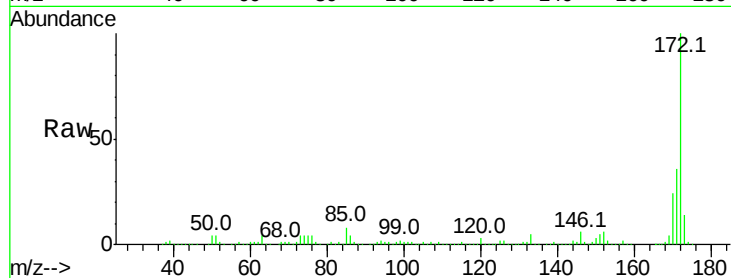
#44
2-Fluorobiphenyl
Concen: 66.431 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:172 Resp: 1112979
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.9 19.6 29.4

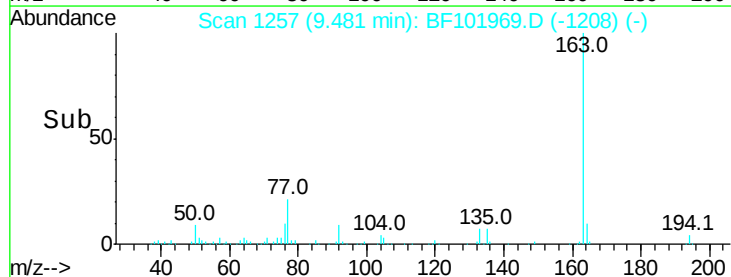
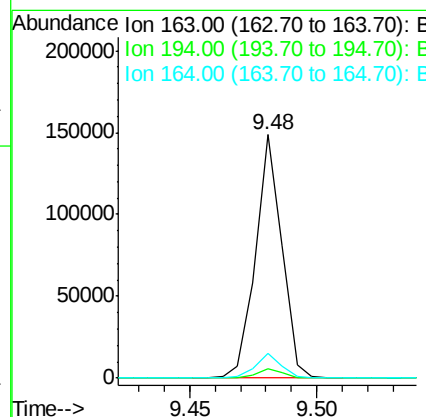
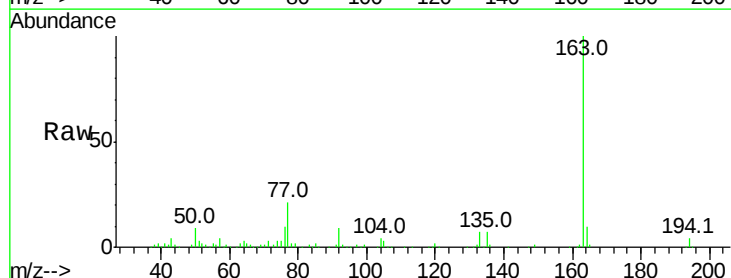
Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:23 AM



#49
Dimethylphthalate
Concen: 5.119 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:163 Resp: 107492
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2





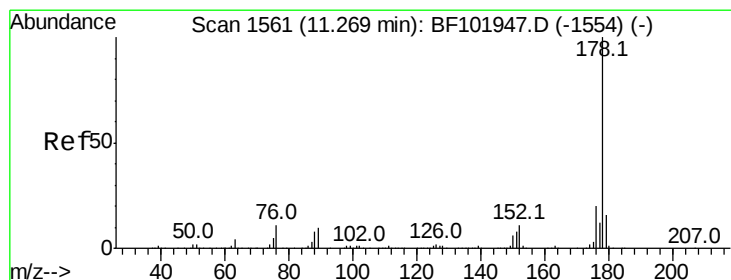
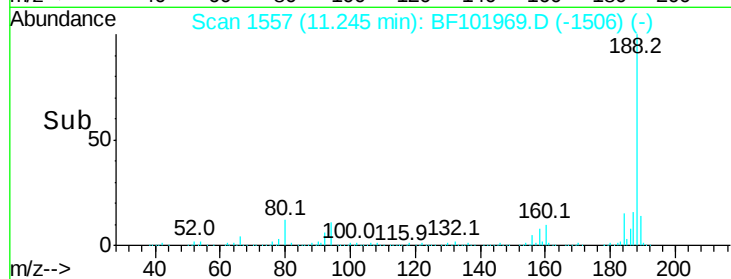
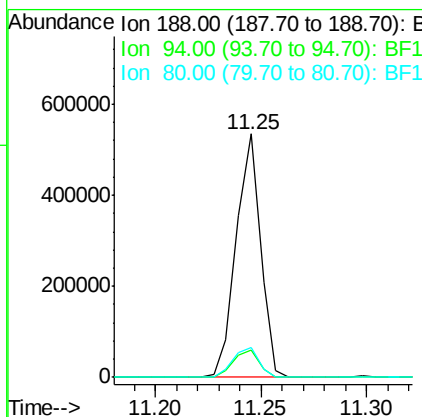
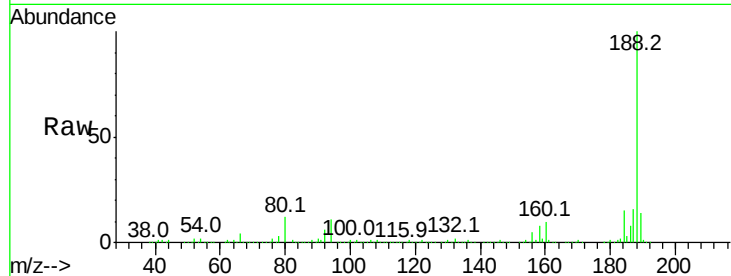
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	424750		
94	11.2		8.5	12.7
80	12.5		9.2	13.8

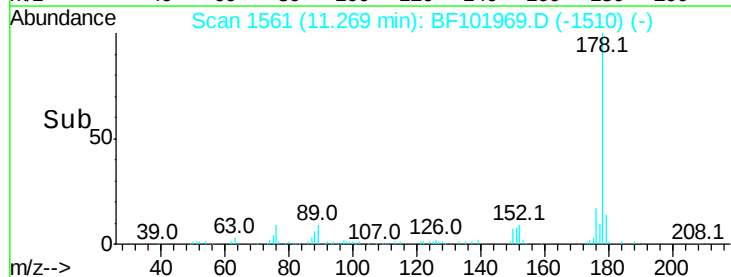
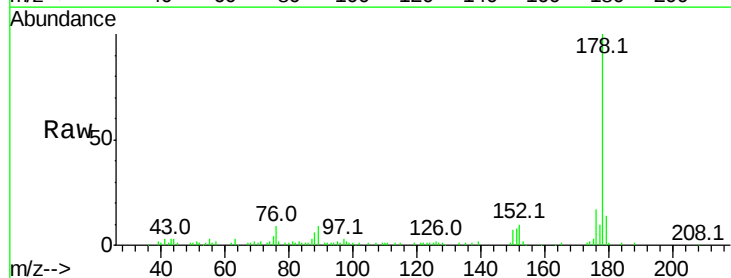
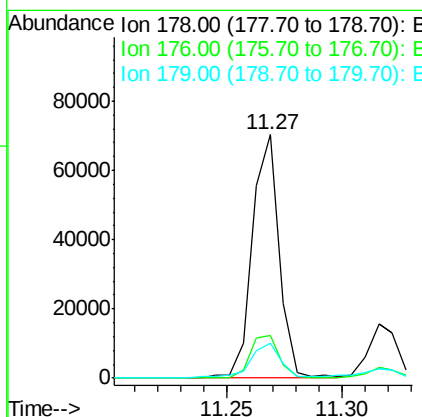
Manual Integrations
APPROVED

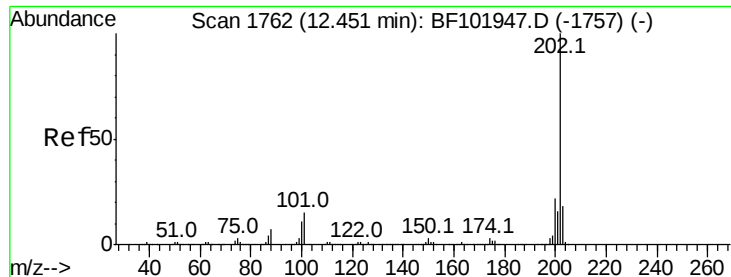
Sohil
1/10/2018 11:45:23 AM



#70
Phenanthrene
Concen: 2.313 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	57388		
176	17.5		15.8	23.8
179	14.5		13.0	19.6





#74

Fluoranthene

Concen: 4.387 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

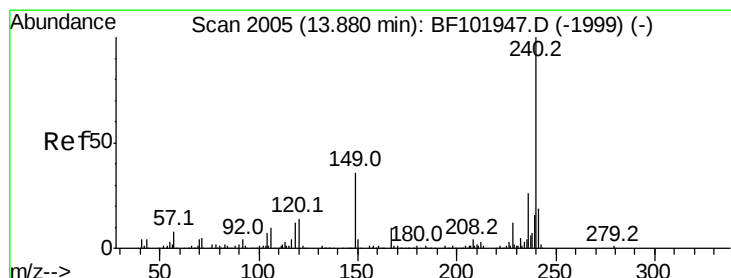
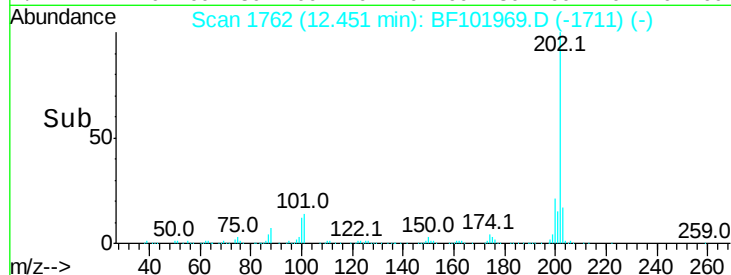
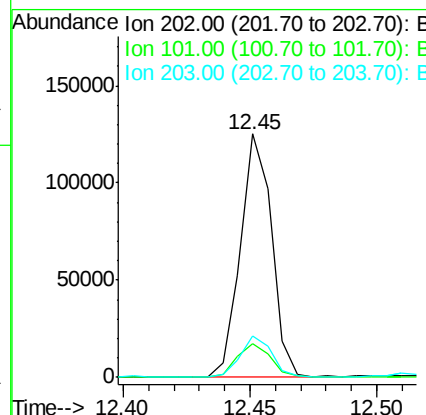
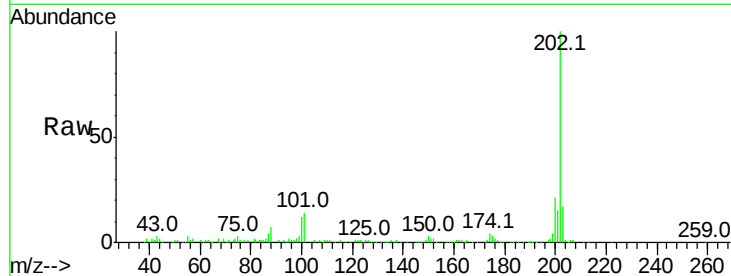
ClientSampleId :

SB-03-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	34.1
203	16.9	0.0	38.1

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:23 AM



#75

Chrysene-d12

Concen: 20.000 ng

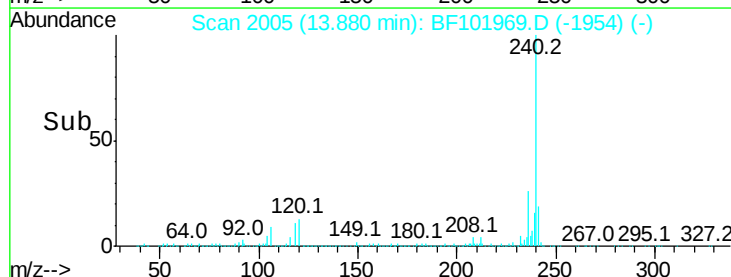
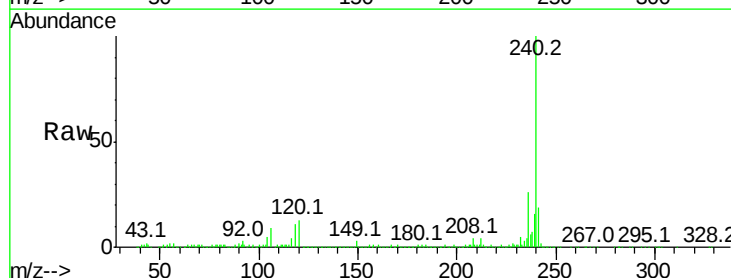
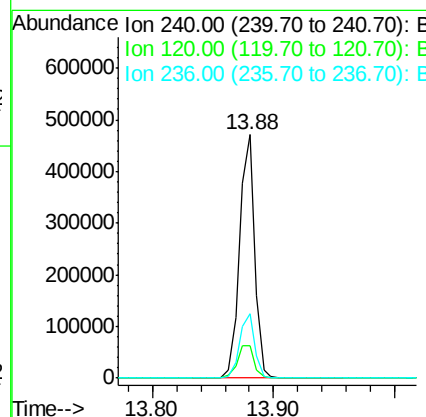
RT: 13.88 min Scan# 2005

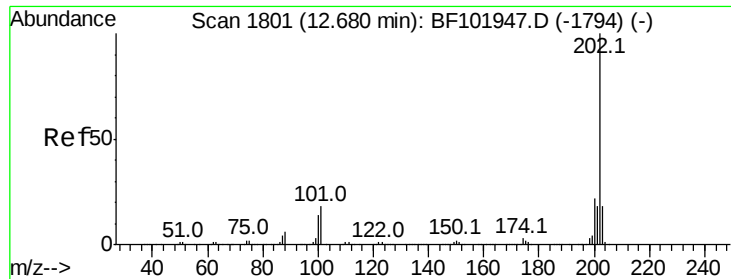
Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	9.5	14.3
236	26.4	20.7	31.1





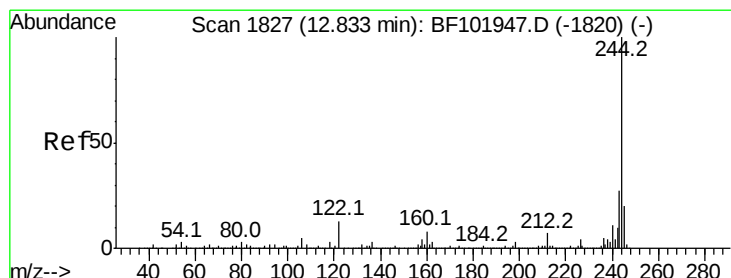
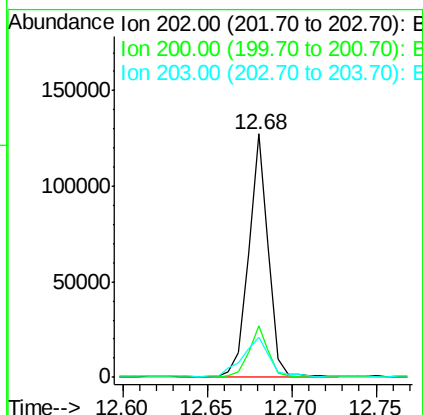
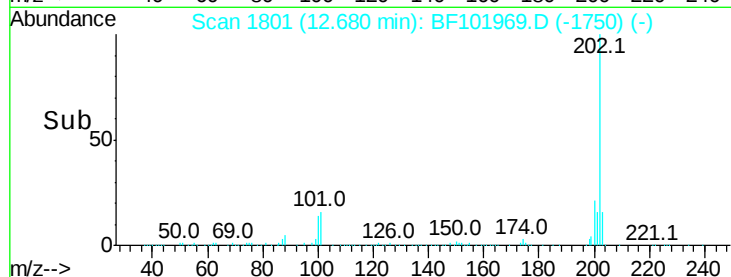
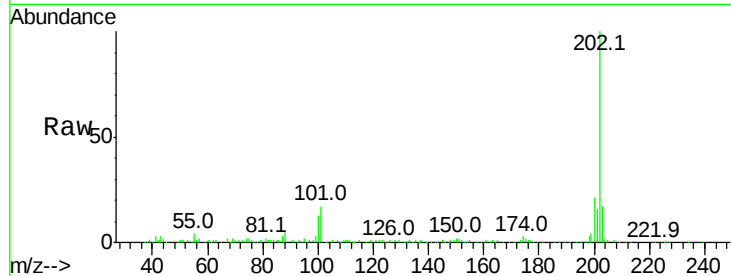
#77
Pvrene
Concen: 2.800 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.7	14.3	21.5

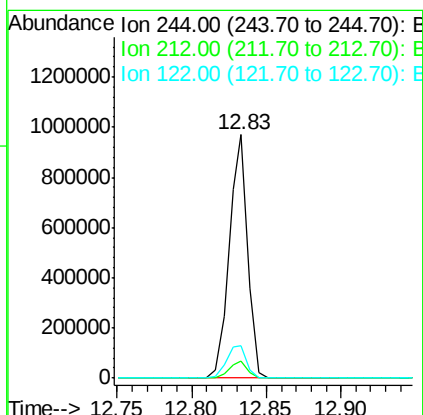
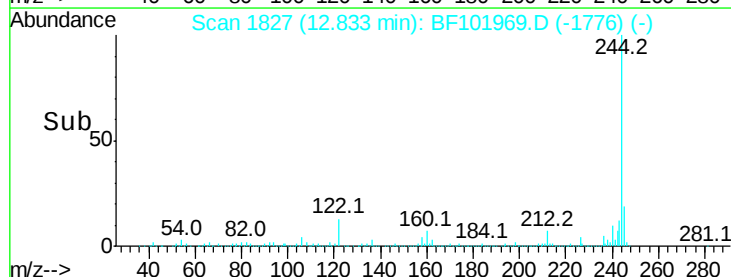
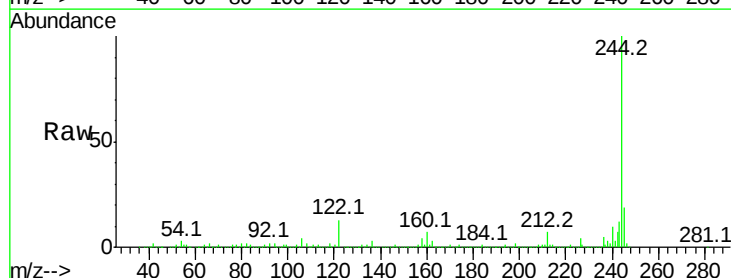
Manual Integrations
APPROVED

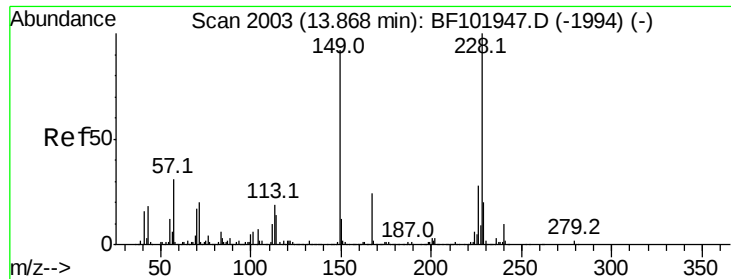
Sohil
1/10/2018 11:45:23 AM



#78
Terphenyl-d14
Concen: 42.339 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4





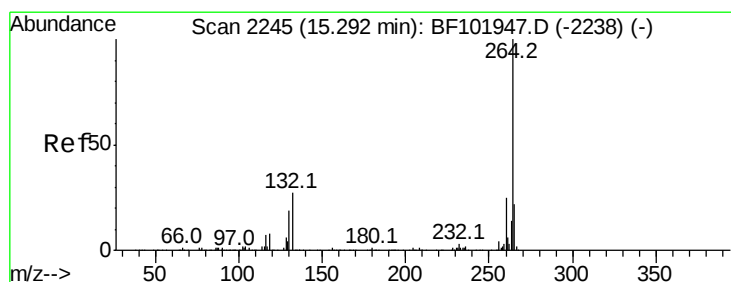
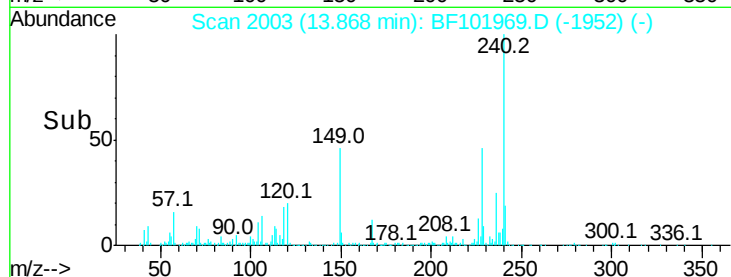
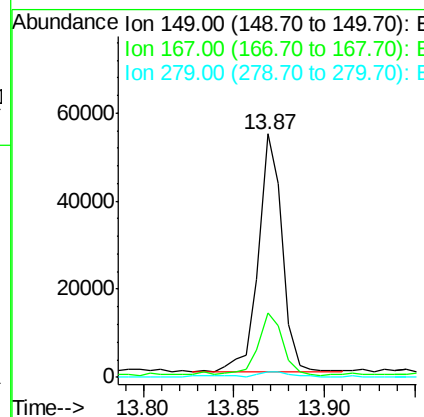
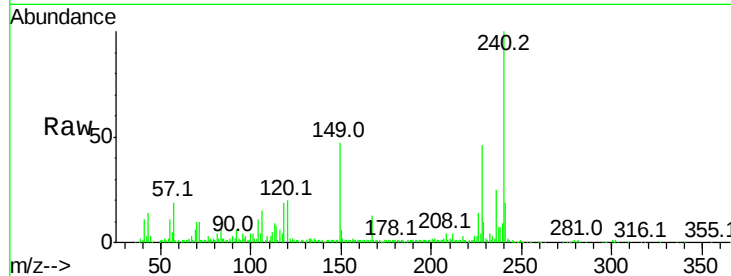
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.590 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	2.5	3.0	4.4

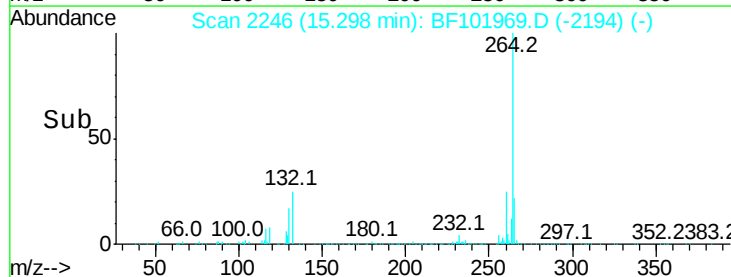
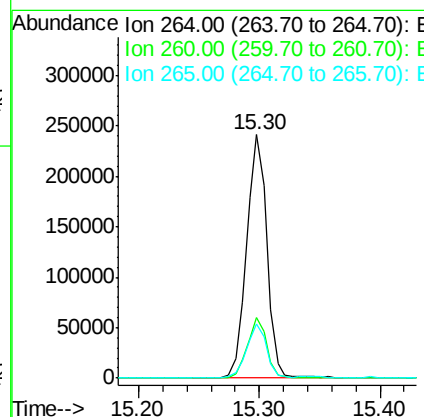
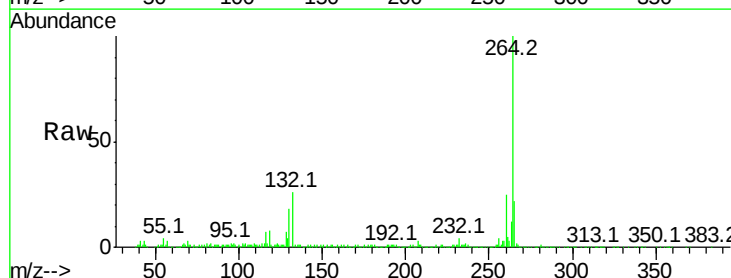
Manual Integrations
 APPROVED

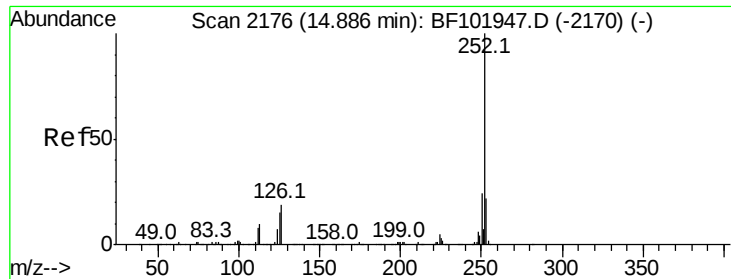
Sohil
 1/10/2018 11:45:23 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.3	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.628 ng/ml
 RT: 14.89 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	20.3	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:45:23 AM

