

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107347.D
 Acq On : 12 Jul 2018 18:54
 Operator : JU/SJ
 Sample : J3832-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-071018

Manual Integrations
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Sohil
 7/13/2018 11:17:14 AM

Quant Time: Jul 13 03:29:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60912	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	218021	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	94126	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	181275	20.00	ng	0.00
75) Chrysene-d12	14.14	240	181892	20.00	ng	0.00
86) Perylene-d12	15.68	264	124494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	227079	63.13	ng	0.00
7) Phenol-d6	6.58	99	274140	61.03	ng	0.00
23) Nitrobenzene-d5	7.50	82	164951	42.05	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	62861	57.62	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	281225	43.34	ng	0.00
78) Terphenyl-d14	13.07	244	328914	43.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	46628	6.605	ng	98
70) Phenanthrene	11.50	178	18377	2.102	ng	98
74) Fluoranthene	12.70	202	33194	3.444	ng	97
77) Pyrene	12.94	202	31520	2.628	ng	98
87) Benzo(b)fluoranthene	15.22	252	17303m	2.237	ng	

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

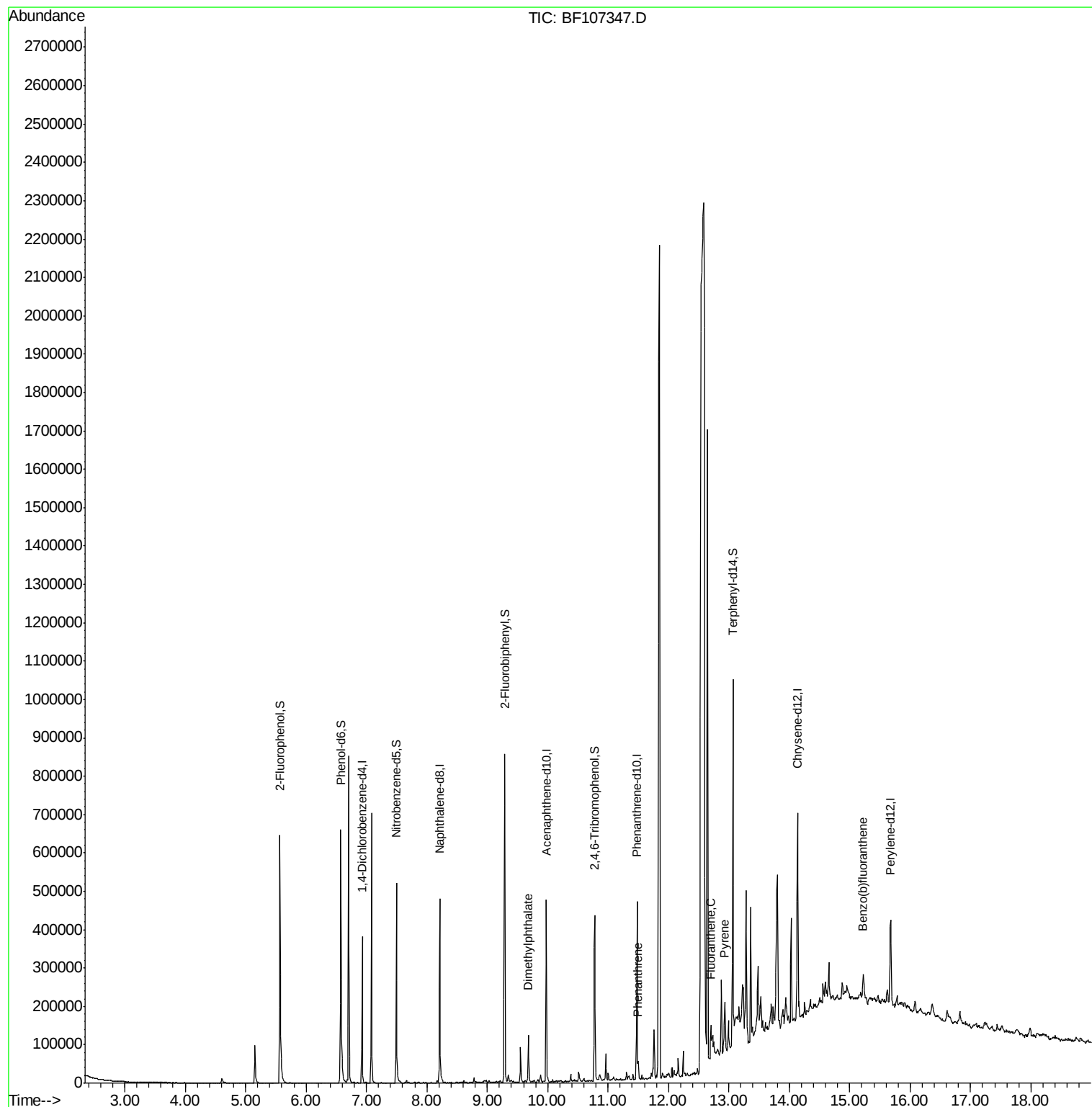
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107347.D
Acq On : 12 Jul 2018 18:54
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#1

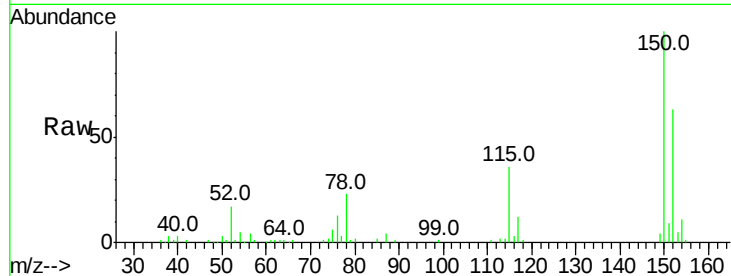
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

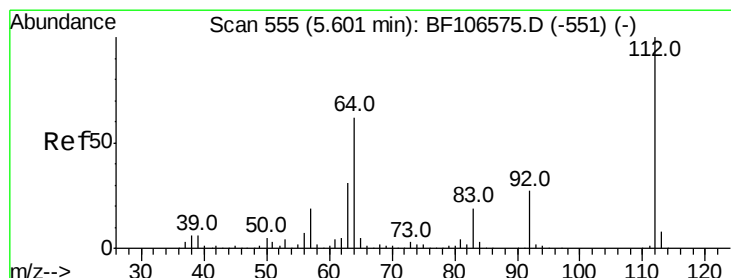
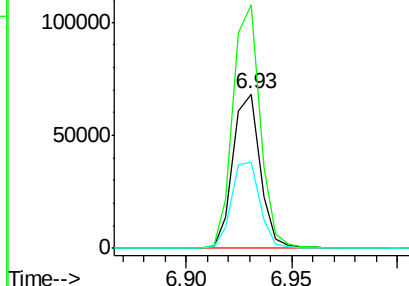
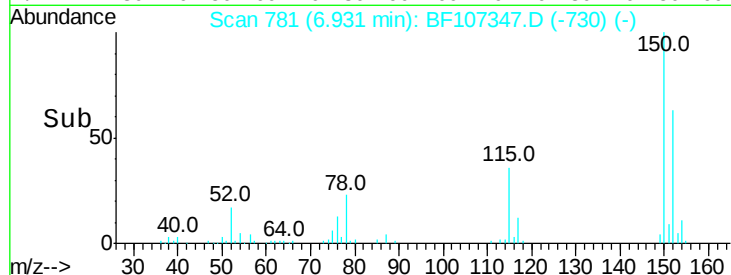
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	56.3	50.1	75.1

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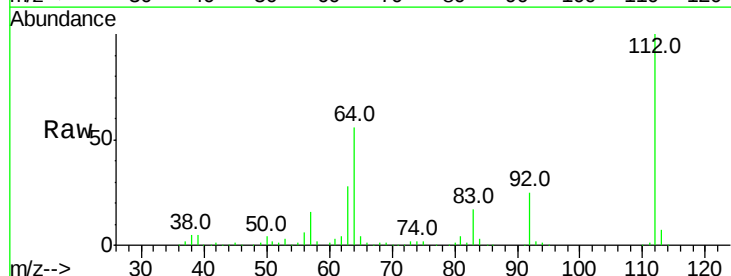
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



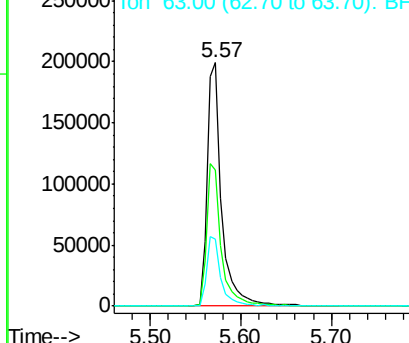
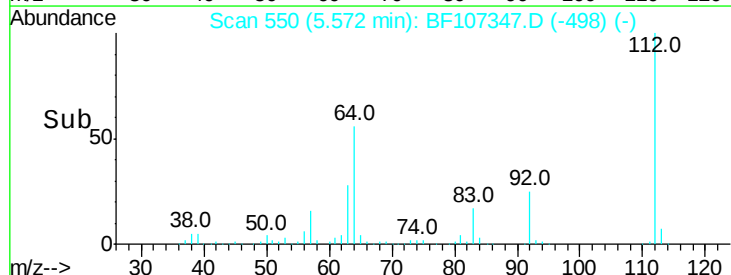
#5

2-Fluorophenol
Concen: 63.127 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	27.7	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: 61.026 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107347.D

Acq: 12 Jul 2018 18:54

Instrument :

BNA_F

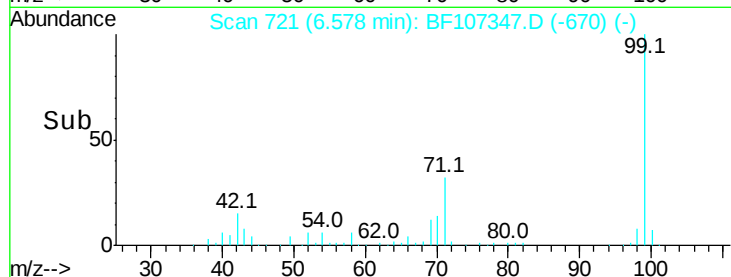
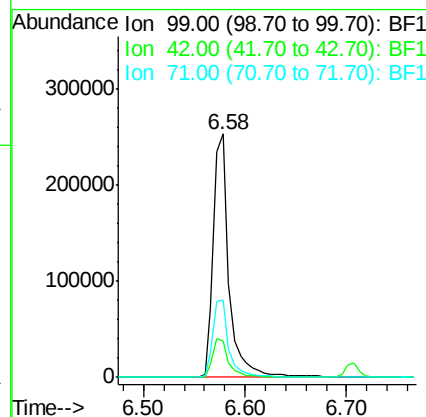
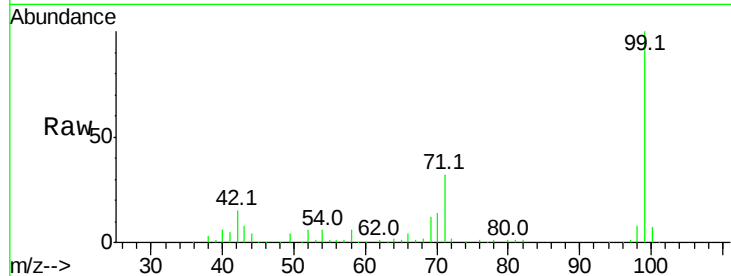
ClientSampleId :

TR-05-071018

Tot Ion:	99	Resp:	274140
Ion Ratio	Lower	Upper	
99	100		
42	14.8	14.5	21.7
71	31.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

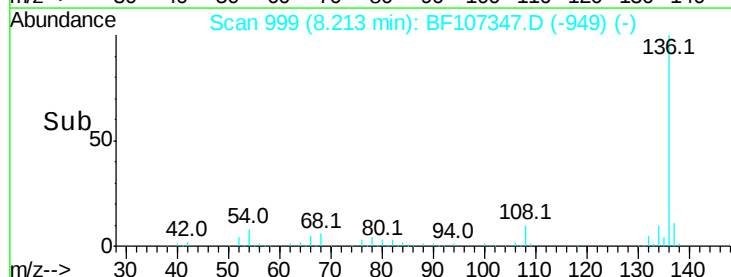
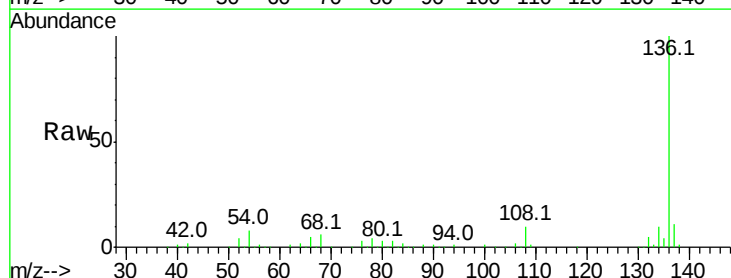
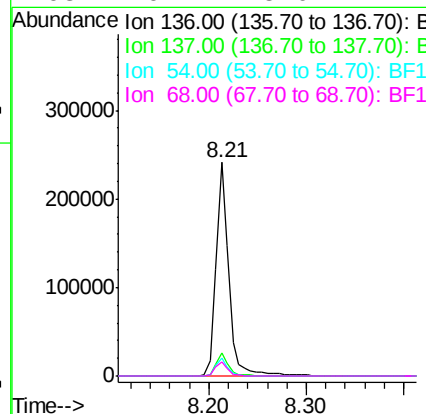
RT: 8.21 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF107347.D

Acq: 12 Jul 2018 18:54

Tgt Ion:	136	Resp:	218021
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	6.4	5.0	7.4





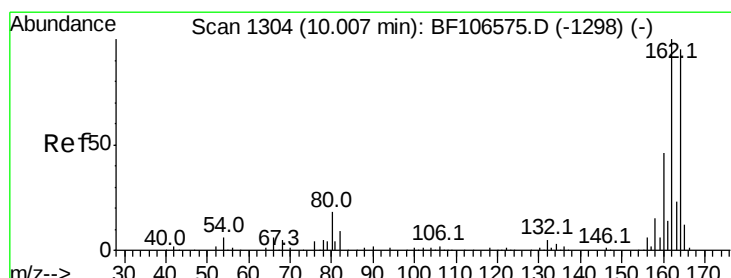
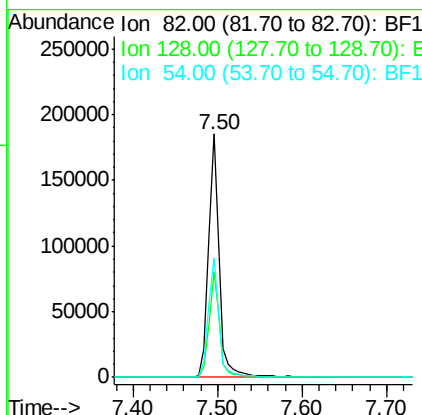
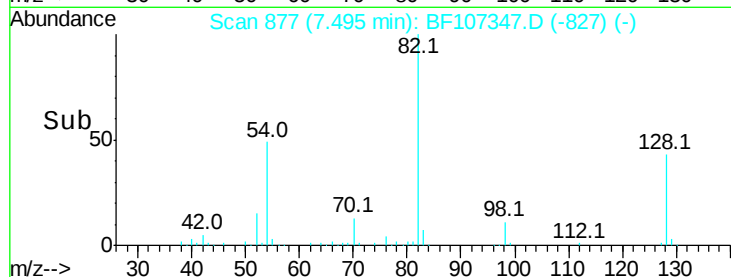
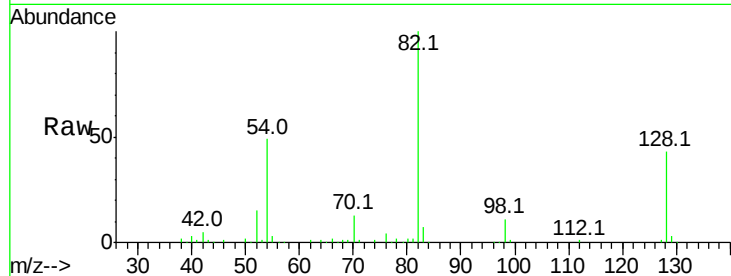
#23
 Nitrobenzene-d5
 Concen: 42.046 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107347.D
 Acq: 12 Jul 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-071018

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	49.1	41.4	62.2

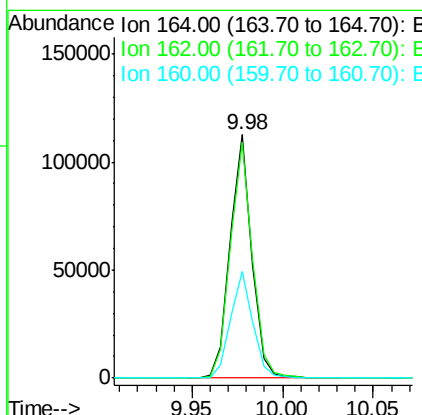
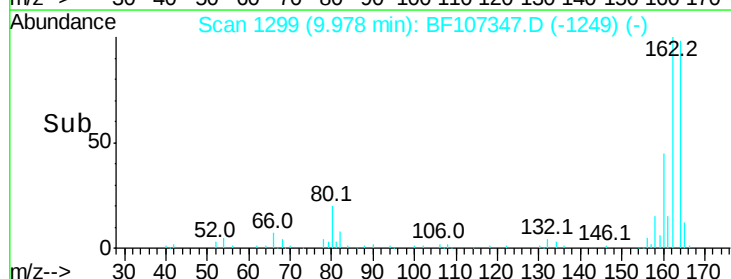
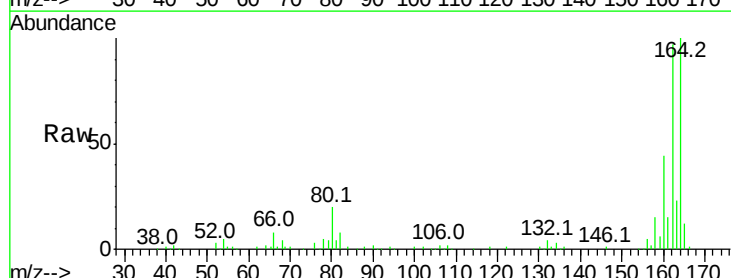
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF107347.D
 Acq: 12 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	86.1	129.1
160	43.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 57.621 ng

RT: 10.78 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF107347.D

Acq: 12 Jul 2018 18:54

Instrument :

BNA_F

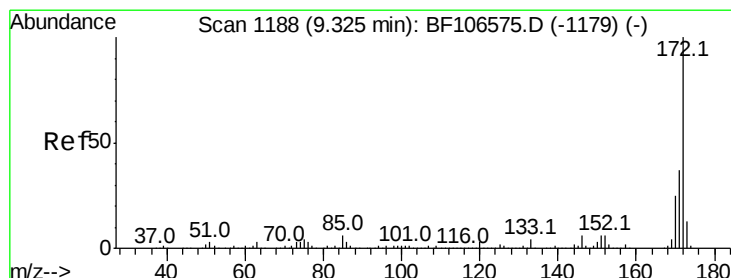
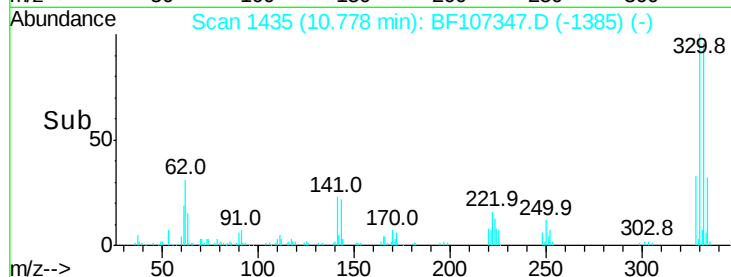
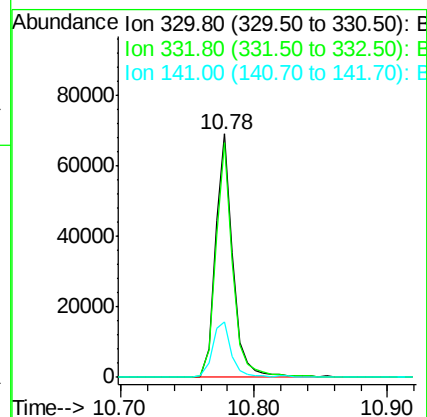
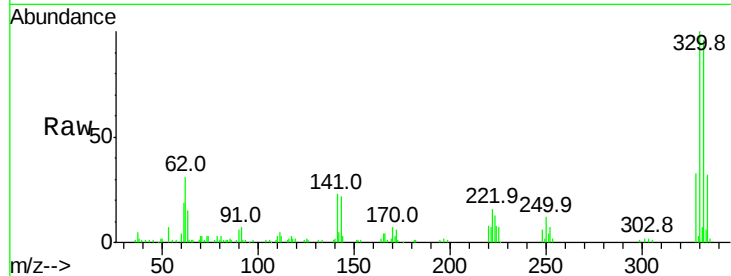
ClientSampleId :

TR-05-071018

Tot Ion:	330	Resp:	62861
Ion Ratio	Lower	Upper	
330	100		
332	94.1	77.0	115.6
141	24.6	29.9	44.9#

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#44

2-Fluorobiphenyl

Concen: 43.342 ng

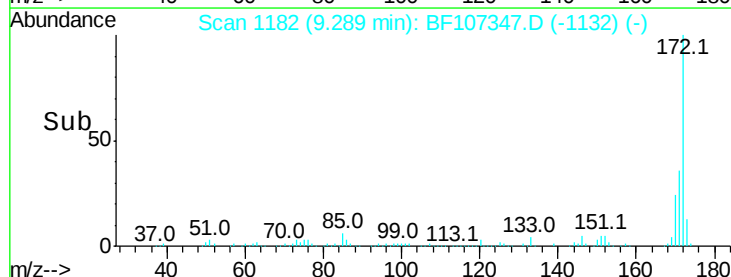
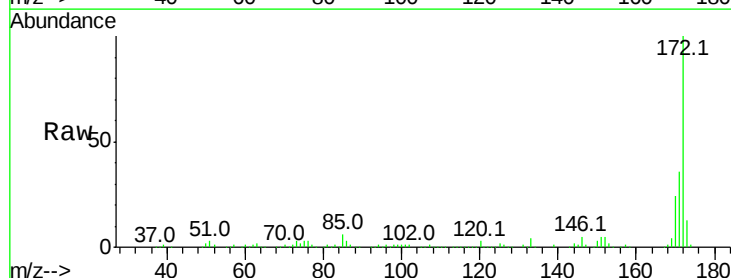
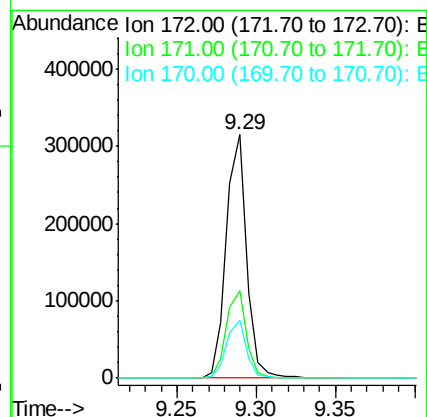
RT: 9.29 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF107347.D

Acq: 12 Jul 2018 18:54

Tgt Ion:	172	Resp:	281225
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 6.605 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107347.D

Acq: 12 Jul 2018 18:54

Instrument :

BNA_F

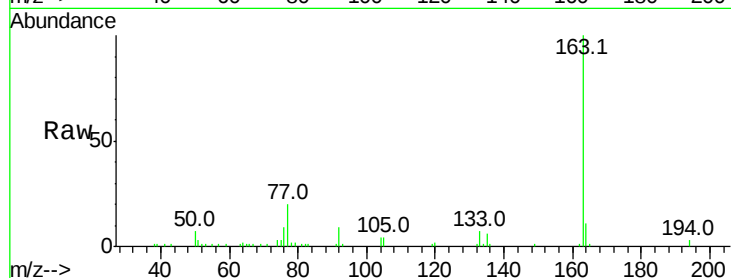
ClientSampleId :

TR-05-071018

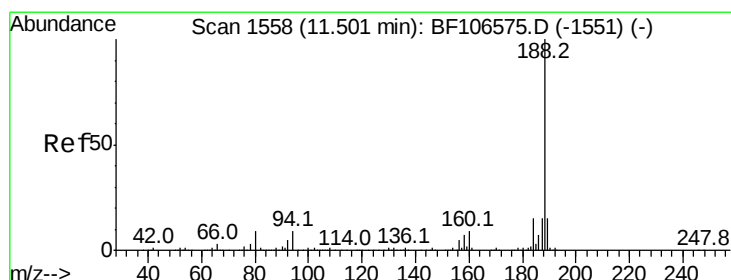
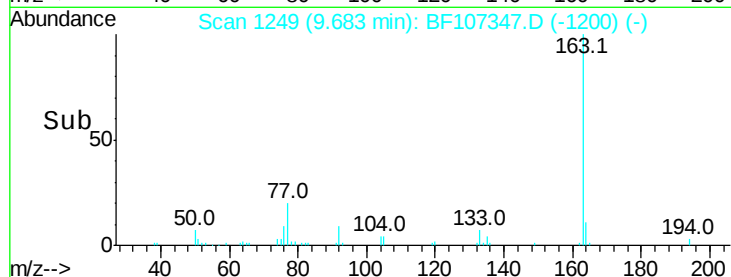
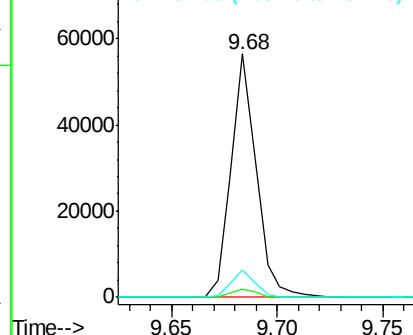
Tot Ion:	163	Resp:	46628
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	11.0	8.2	12.2

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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: 11.48 min Scan# 1554

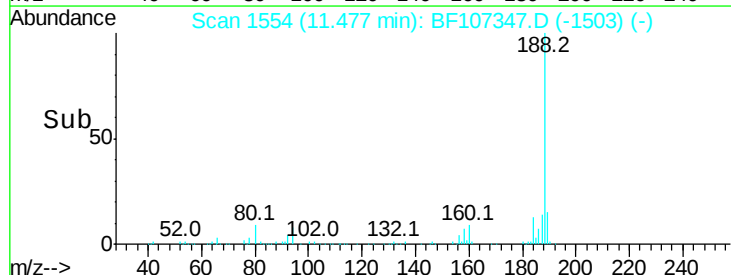
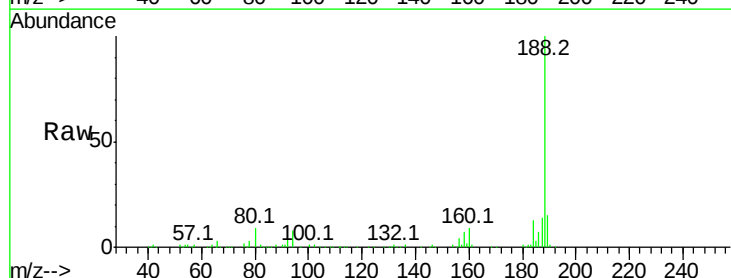
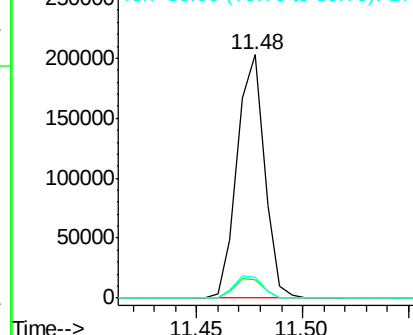
Delta R.T. 0.00 min

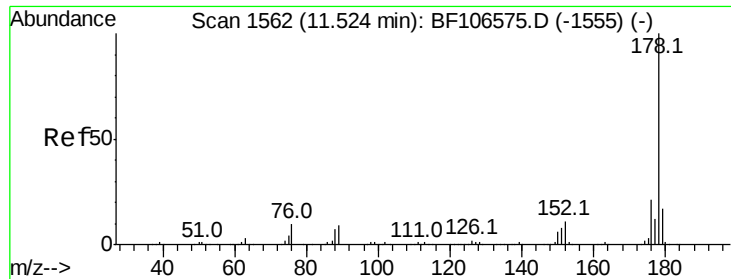
Lab File: BF107347.D

Acq: 12 Jul 2018 18:54

Tgt Ion:	188	Resp:	181275
Ion Ratio	Lower	Upper	
188	100		
94	7.8	8.5	12.7#
80	8.8	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





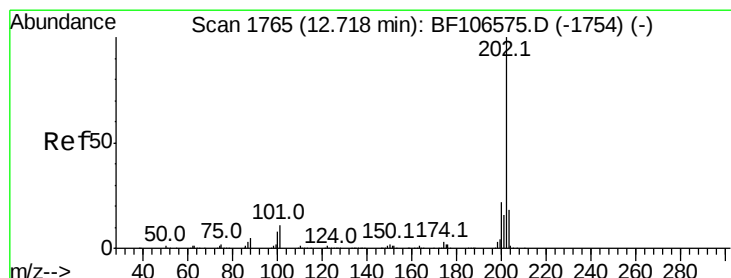
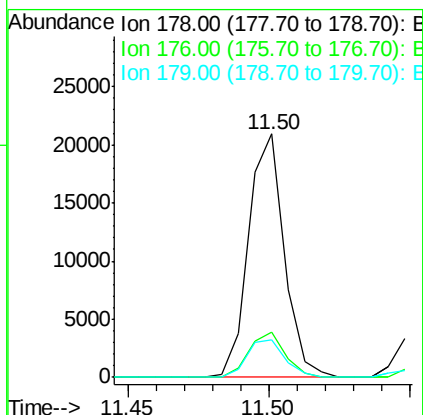
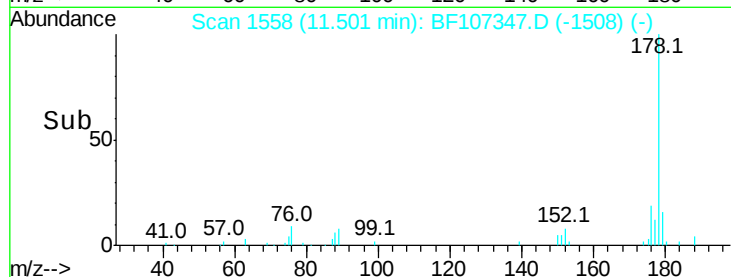
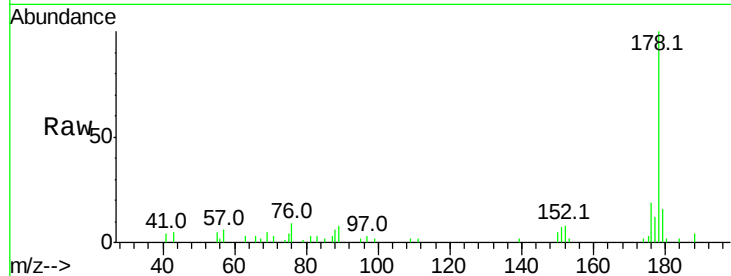
#70
Phenanthrene
Concen: 2.102 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Instrument :
BNA_F
ClientSampleId :
TR-05-071018

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	13.0	19.6

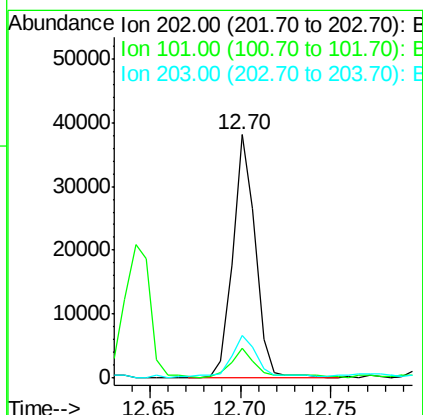
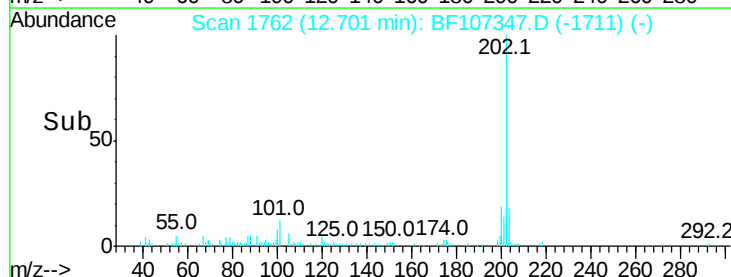
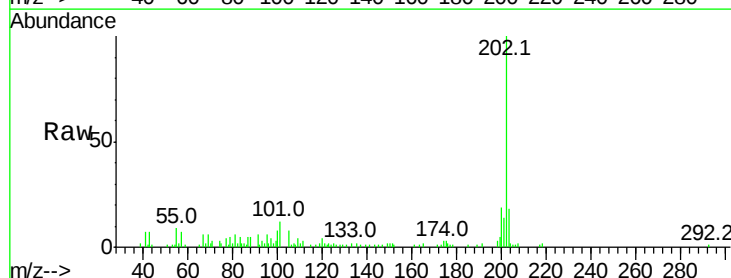
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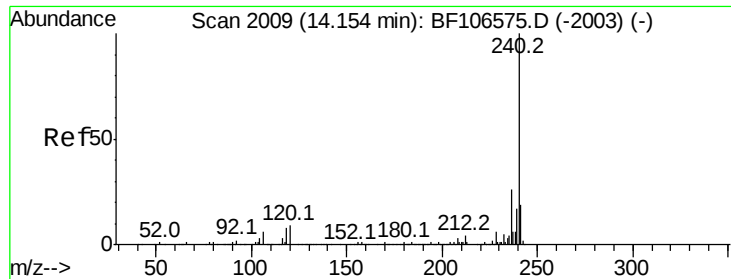
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#74
Fluoranthene
Concen: 3.444 ng
RT: 12.70 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF107347.D
Acq: 12 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107347.D

Acq: 12 Jul 2018 18:54

Instrument :

BNA_F

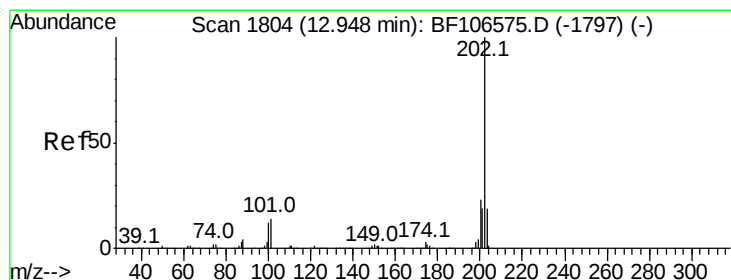
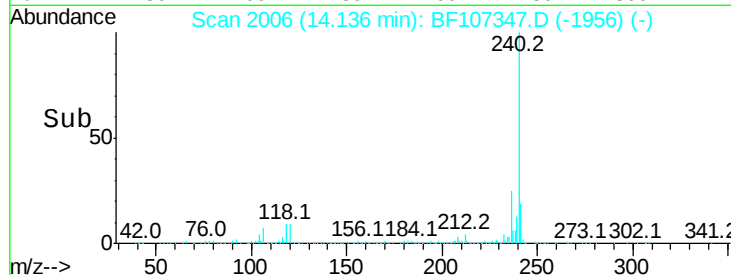
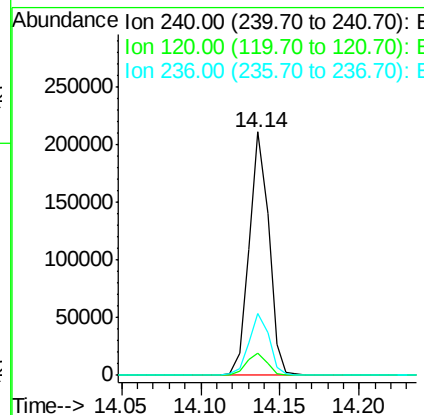
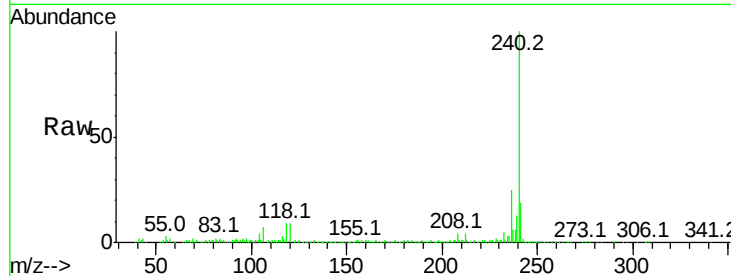
ClientSampleId :

TR-05-071018

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.3	9.5	14.3	
236	25.3	20.7	31.1	

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#77

Pyrene

Concen: 2.628 ng

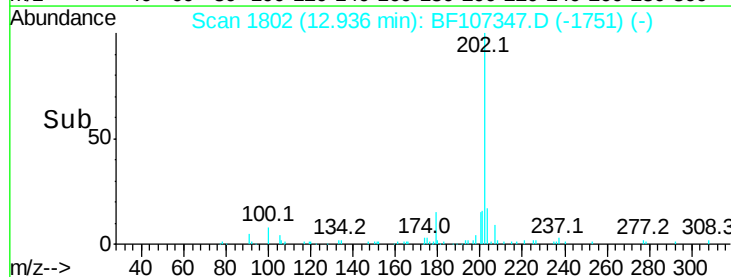
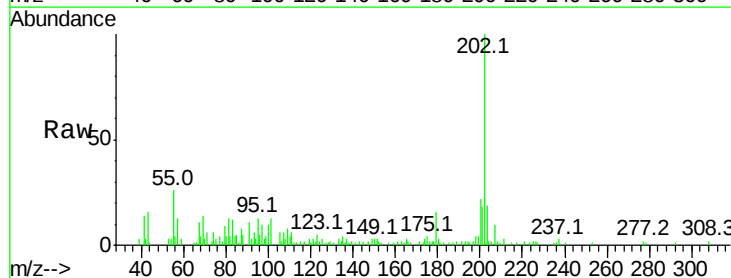
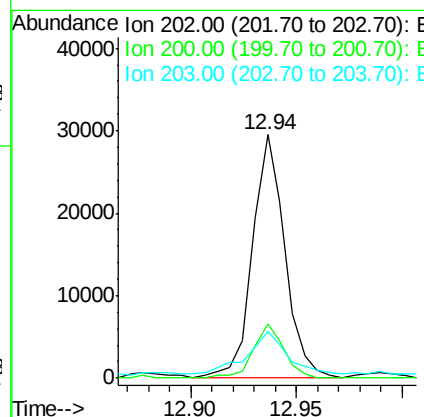
RT: 12.94 min Scan# 1802

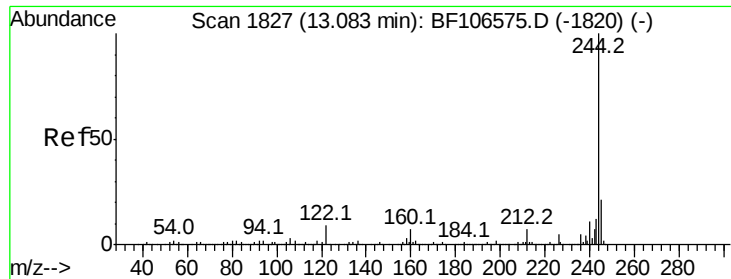
Delta R.T. 0.00 min

Lab File: BF107347.D

Acq: 12 Jul 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.3	17.4	26.2	
203	19.0	14.3	21.5	





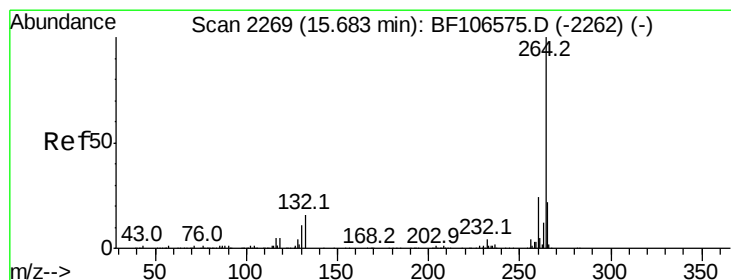
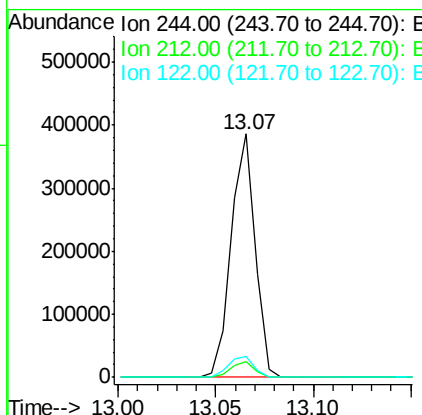
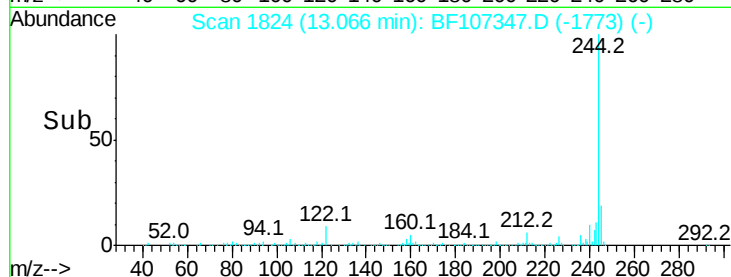
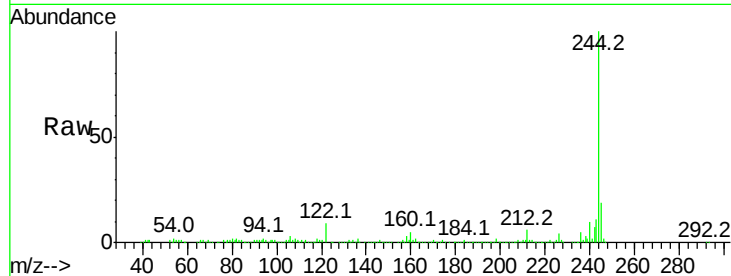
#78
 Terphenyl-d14
 Concen: 43.802 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF107347.D
 Acq: 12 Jul 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-071018

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.8	11.0	16.4

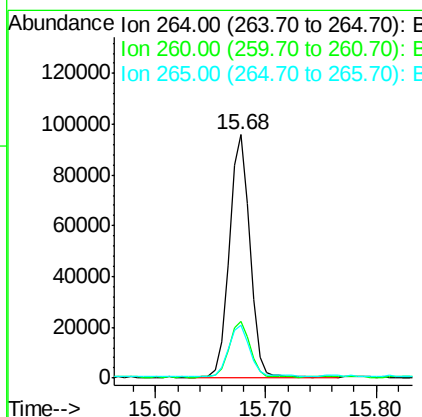
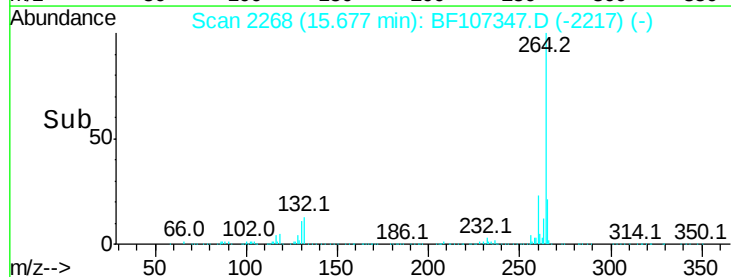
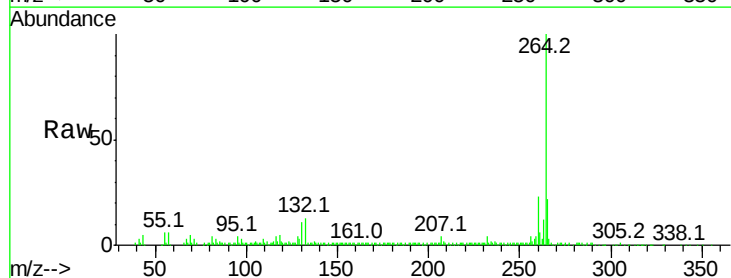
Manual Integrations
 APPROVED

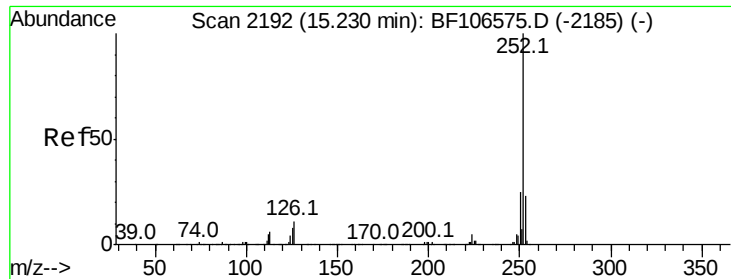
Sohil
 7/13/2018 11:17:14 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF107347.D
 Acq: 12 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.237 ng m
 RT: 15.22 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BF107347.D
 Acq: 12 Jul 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-071018

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.0	25.6#
125	21.2	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:14 AM

