

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107182.D
 Acq On : 6 Jul 2018 19:27
 Operator : JU/SJ
 Sample : J3854-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4

Manual Integrations
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Quant Time: Jul 06 23:15:22 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	6.94	152	62744	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	248861	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	117458	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	201248	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	192804	20.00	ng	-0.03
86) Perylene-d12	15.67	264	154005	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	251524	67.88	ng	-0.02
7) Phenol-d6	6.59	99	316485	68.40	ng	-0.02
23) Nitrobenzene-d5	7.51	82	196259	43.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	82517	60.61	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	375341	47.60	ng	-0.02
78) Terphenyl-d14	13.07	244	380689	47.83	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	78899	8.956	ng	99
70) Phenanthrene	11.51	178	36267	3.736	ng	98
74) Fluoranthene	12.70	202	48552	4.538	ng	95
77) Pyrene	12.93	202	73751	5.801	ng	99
80) Benzo(a)anthracene	14.12	228	30655	2.609	ng	98
82) Chrysene	14.16	228	29749m	2.752	ng	
87) Benzo(b)fluoranthene	15.21	252	24595m	2.571	ng	
89) Benzo(a)pyrene	15.60	252	20118	2.366	ng	94

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

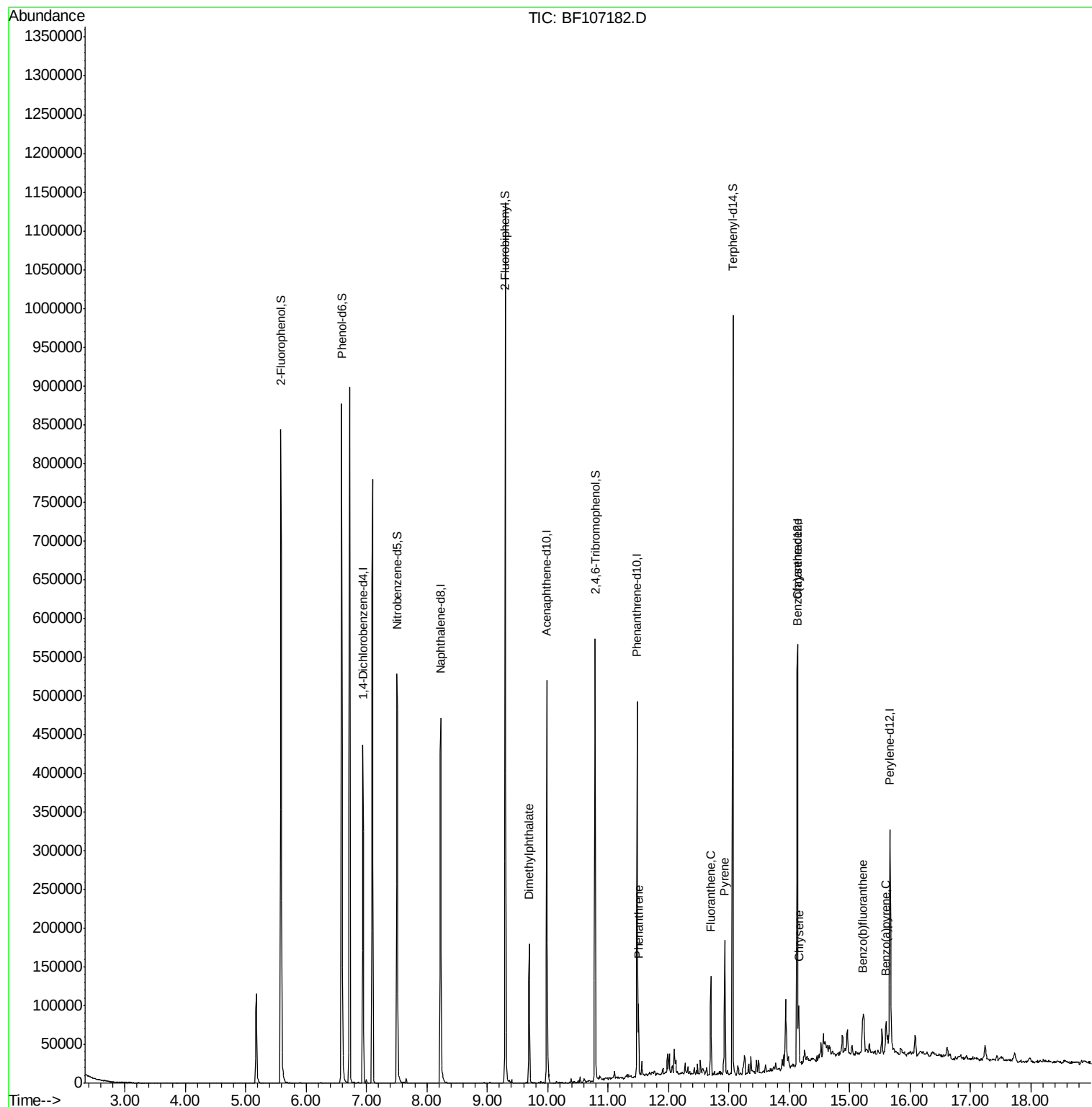
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107182.D
Acq On : 6 Jul 2018 19:27
Operator : JU/SJ
Sample : J3854-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

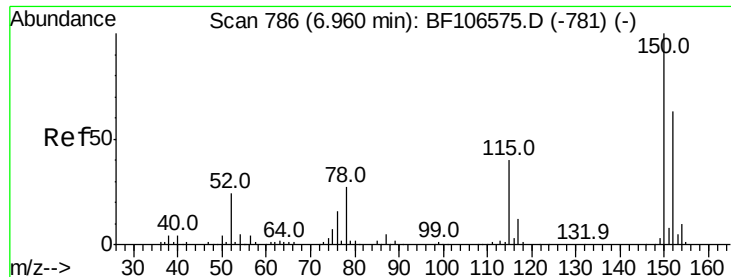
Instrument :
BNA_F
ClientSampleId :
S4

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

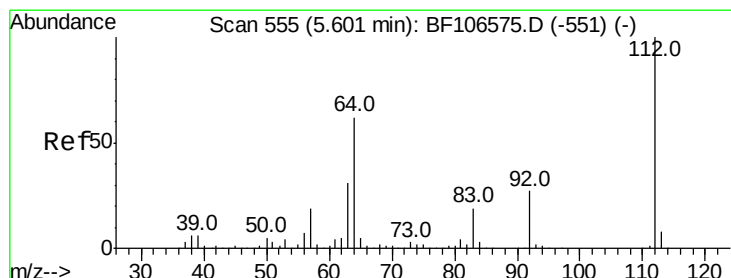
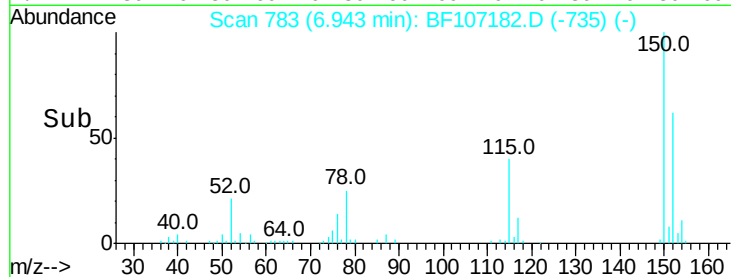
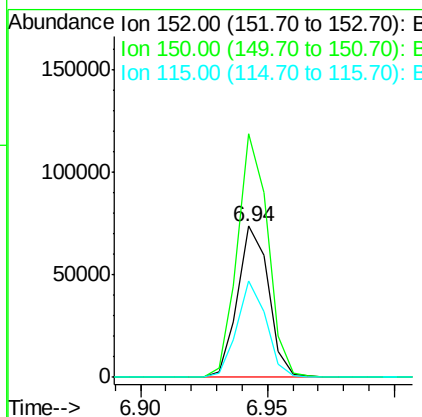
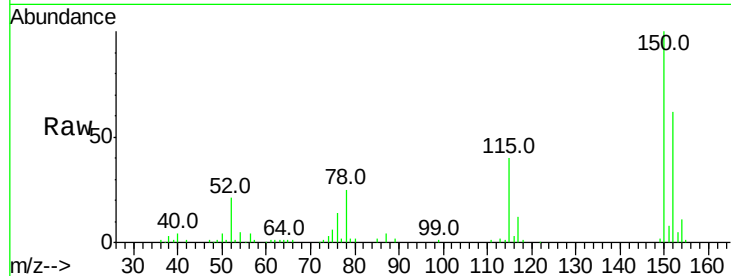
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107182.D
Acq: 6 Jul 2018 19:27

Instrument :
BNA_F
ClientSampled :
S4

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	63.8	50.1	75.1

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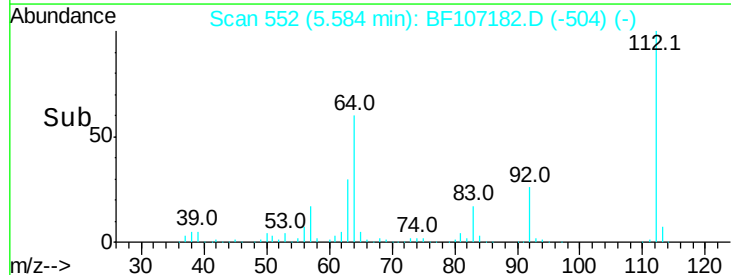
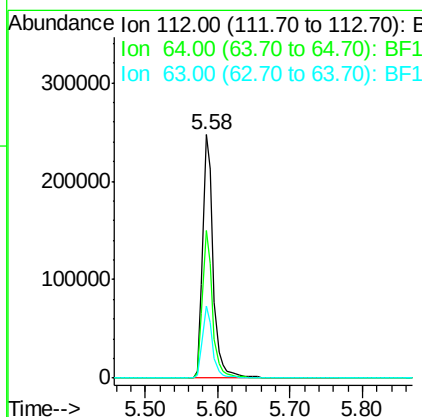
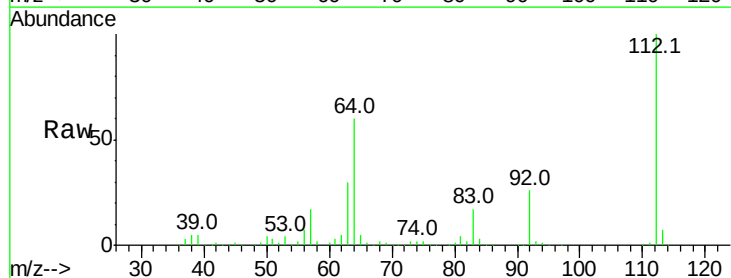
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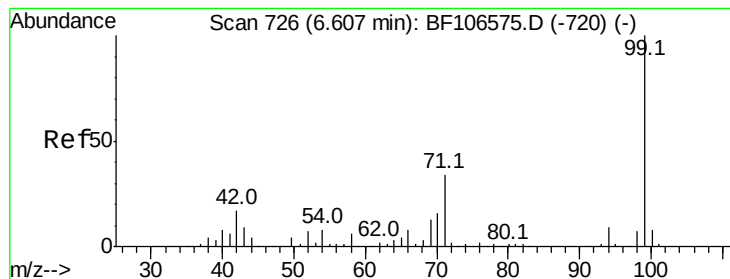


#5

2-Fluorophenol
Concen: 67.881 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107182.D
Acq: 6 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 68.395 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107182.D

Acq: 6 Jul 2018 19:27

Instrument :

BNA_F

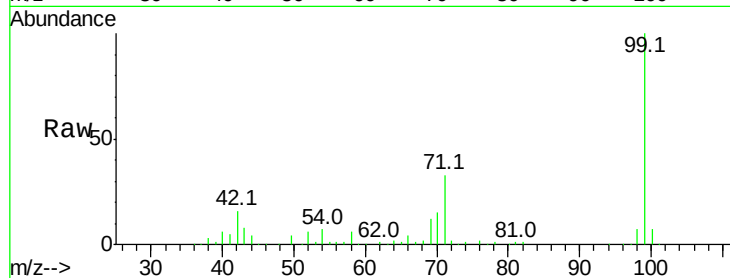
ClientSampled :

S4

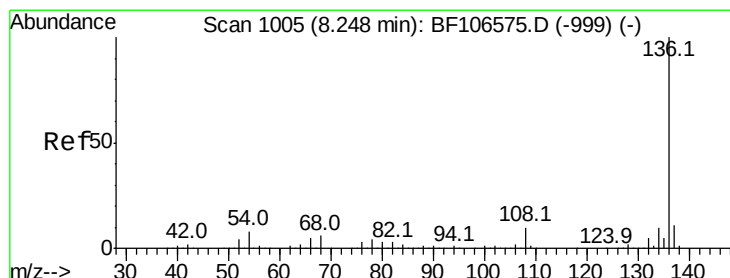
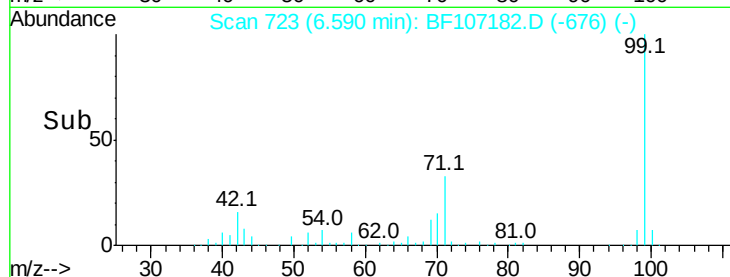
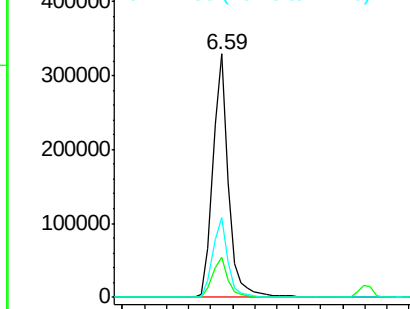
Tot Ion:	99	Resp:	316485
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	32.8	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1002

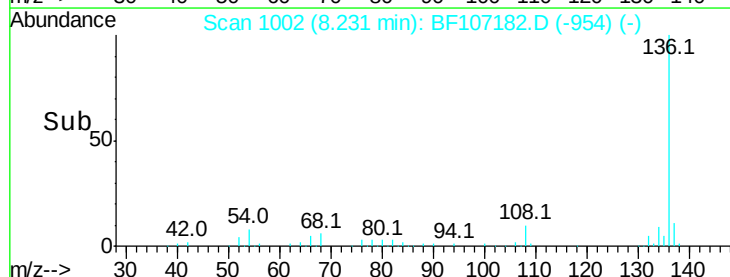
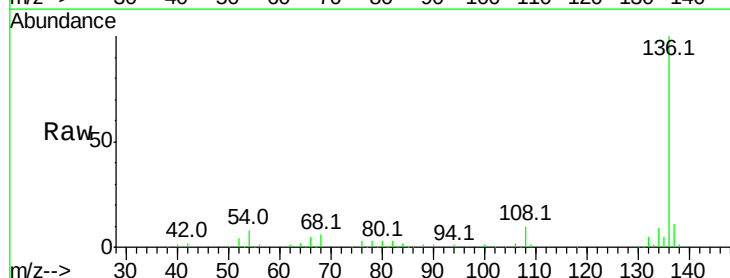
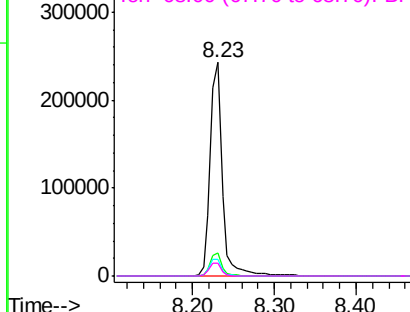
Delta R.T. -0.02 min

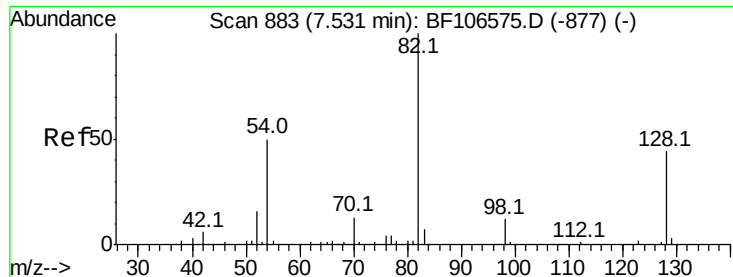
Lab File: BF107182.D

Acq: 6 Jul 2018 19:27

Tgt Ion:	136	Resp:	248861
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.6	6.6	9.8
68	6.1	5.0	7.4

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





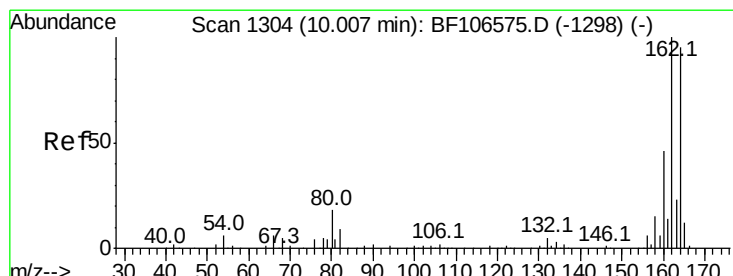
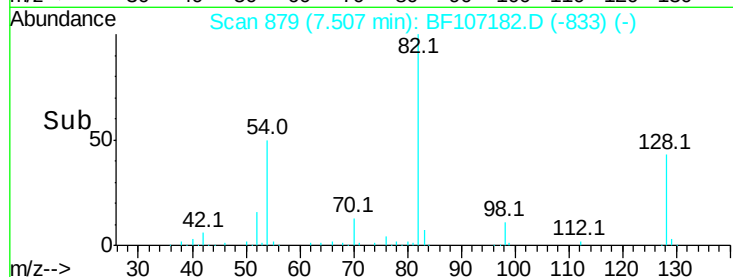
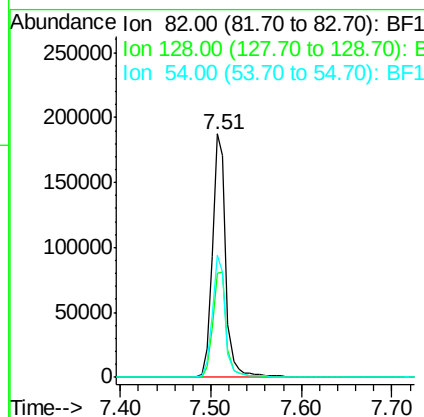
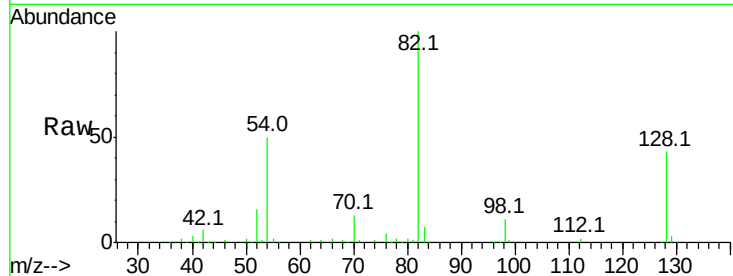
#23
 Nitrobenzene-d5
 Concen: 43.827 ng
 RT: 7.51 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF107182.D
 Acq: 6 Jul 2018 19:27

Instrument :
 BNA_F
 ClientSampled :
 S4

Tot Ion	82	Resp	196259
Ion	Ratio	Lower	Upper
82	100		
128	42.9	36.1	54.1
54	50.0	41.4	62.2

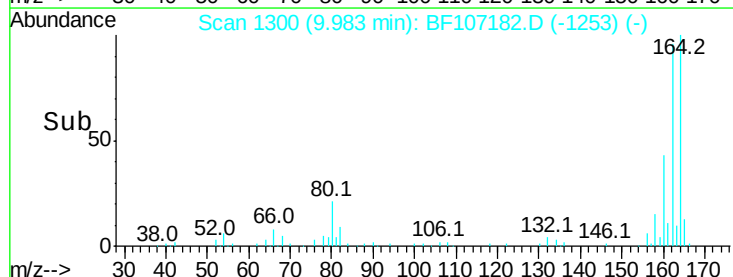
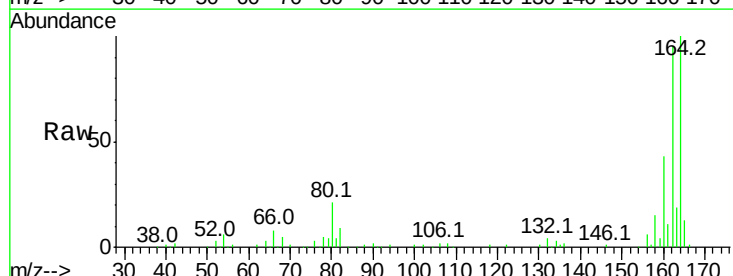
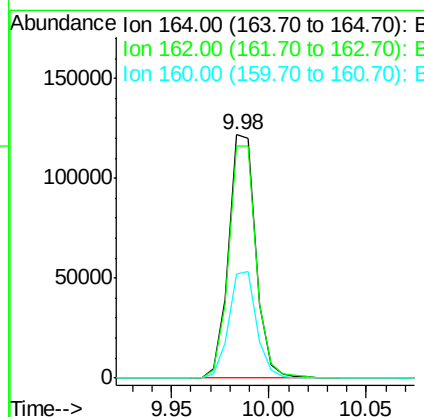
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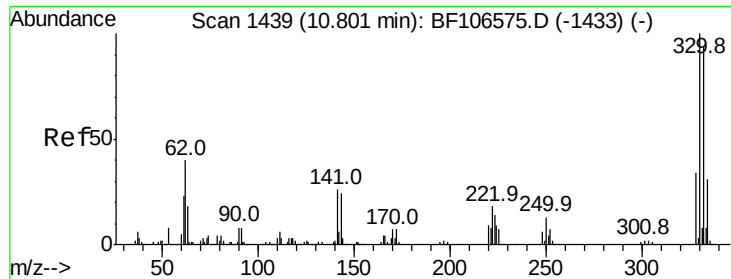
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107182.D
 Acq: 6 Jul 2018 19:27

Tgt Ion	164	Resp	117458
Ion	Ratio	Lower	Upper
164	100		
162	95.3	86.1	129.1
160	42.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 60.613 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF107182.D

Acq: 6 Jul 2018 19:27

Instrument :

BNA_F

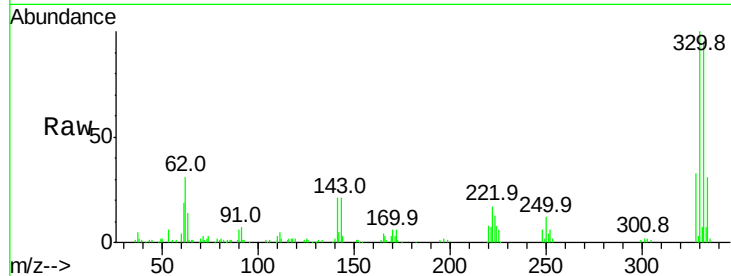
ClientSampled :

S4

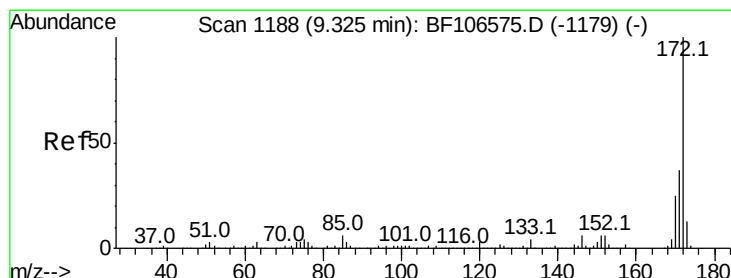
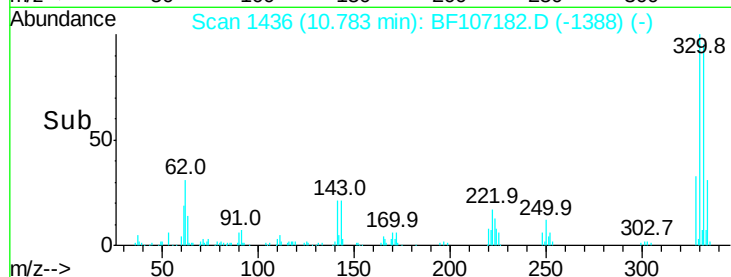
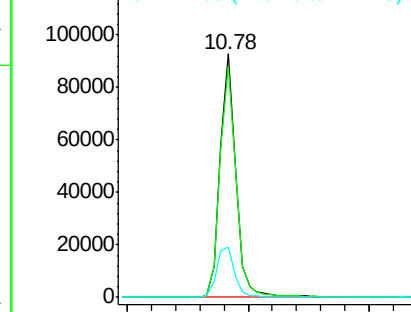
Tot Ion:	330	Resp:	82517
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	23.6	29.9	44.9#

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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: 47.597 ng

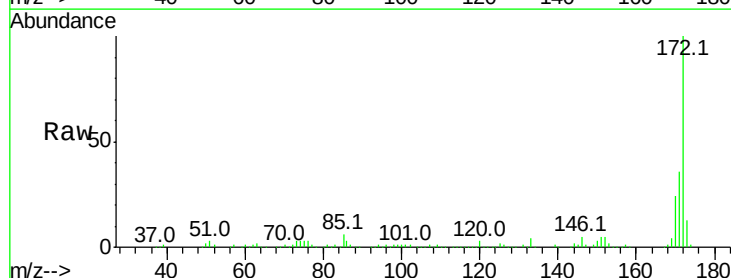
RT: 9.30 min Scan# 1184

Delta R.T. -0.02 min

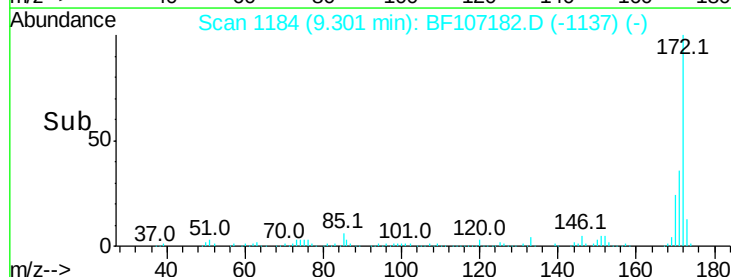
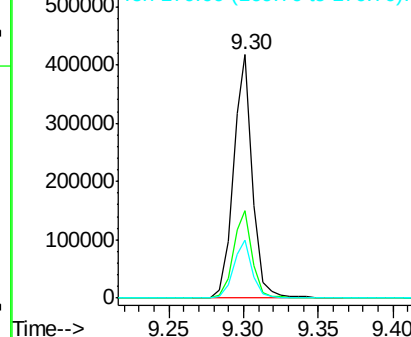
Lab File: BF107182.D

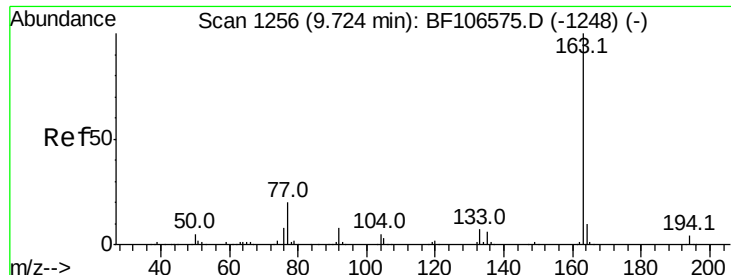
Acq: 6 Jul 2018 19:27

Tgt Ion:	172	Resp:	375341
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	23.7	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





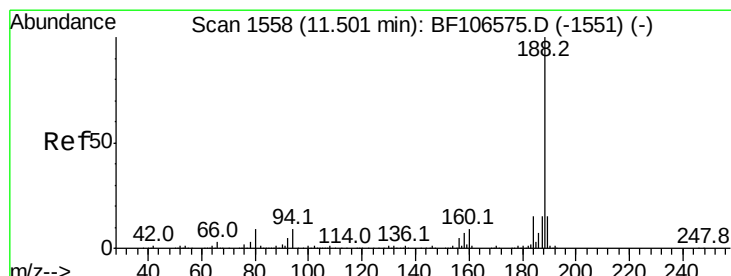
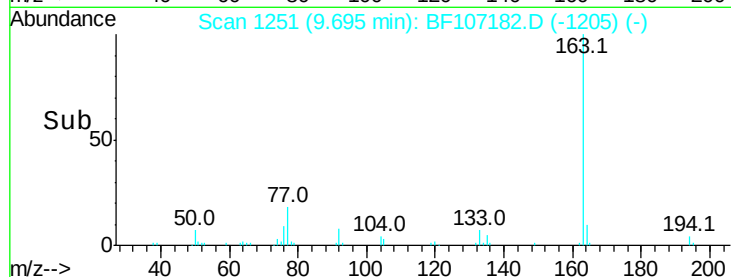
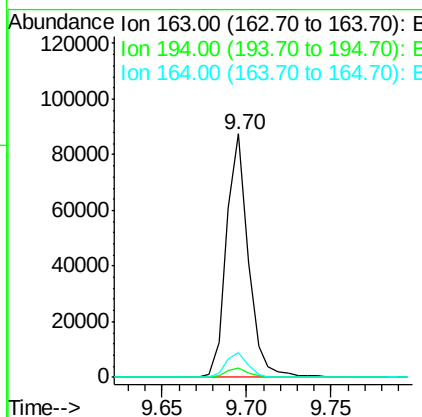
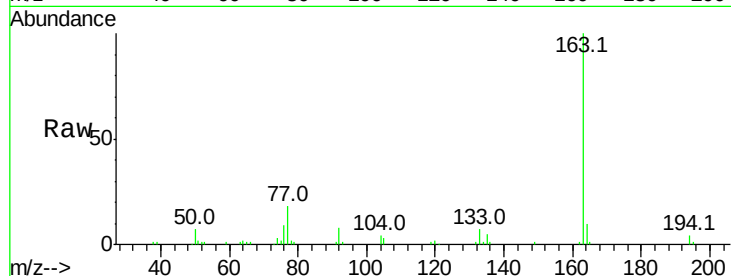
#49
Dimethylphthalate
Concen: 8.956 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107182.D
Acq: 6 Jul 2018 19:27

Instrument :
BNA_F
ClientSampled :
S4

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.4	8.2	12.2	

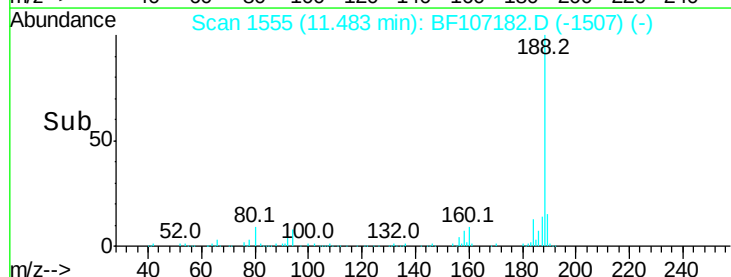
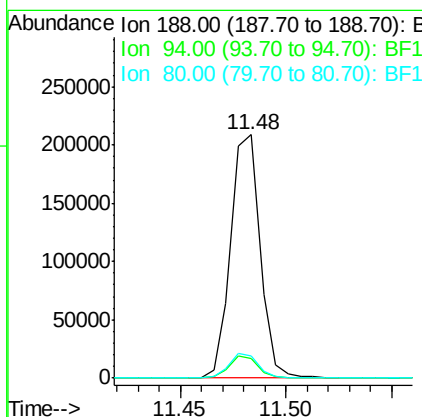
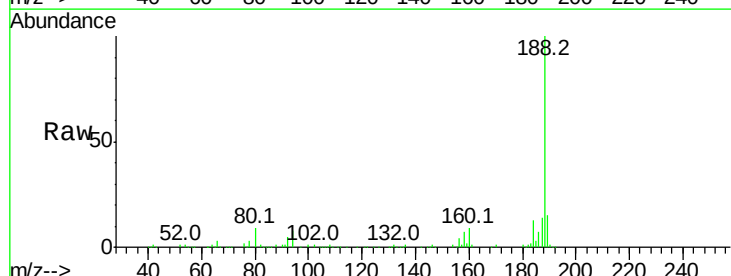
Manual Integrations
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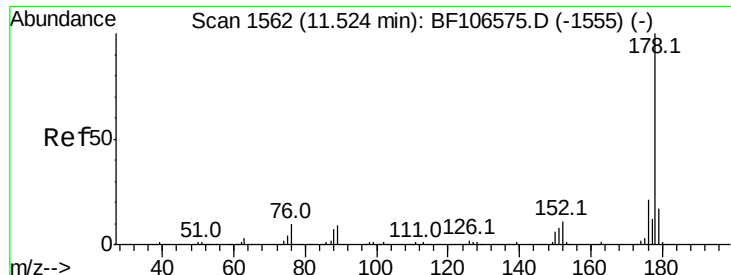
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107182.D
Acq: 6 Jul 2018 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.0	8.5	12.7#	
80	9.0	9.2	13.8#	





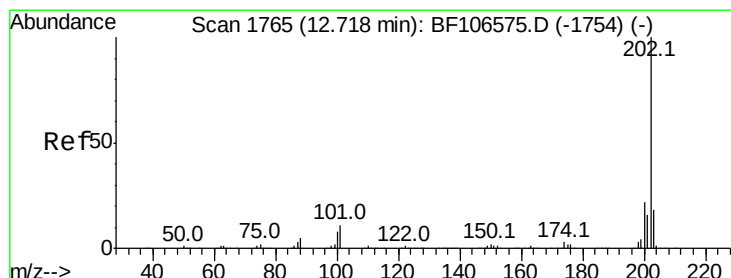
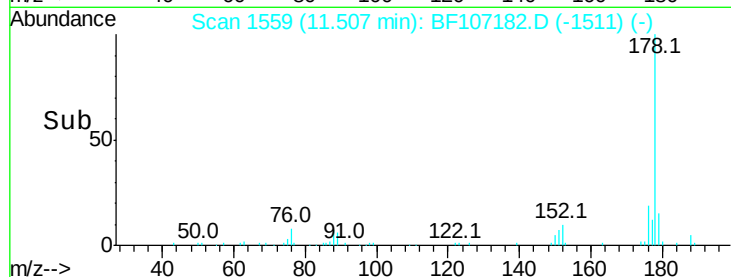
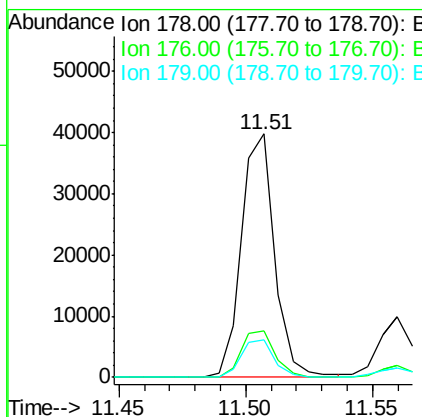
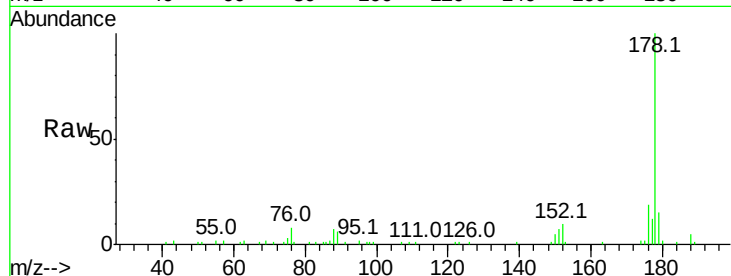
#70
Phenanthrene
Concen: 3.736 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107182.D
Acq: 6 Jul 2018 19:27

Instrument :
BNA_F
ClientSampled :
S4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.5	13.0	19.6

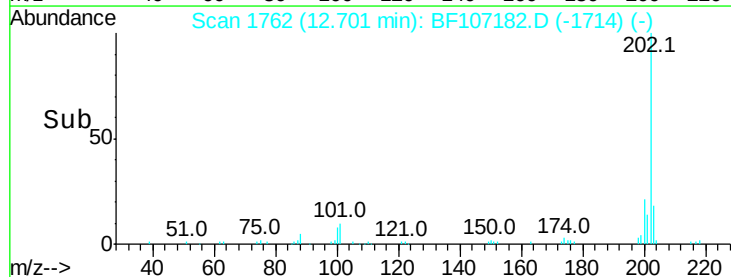
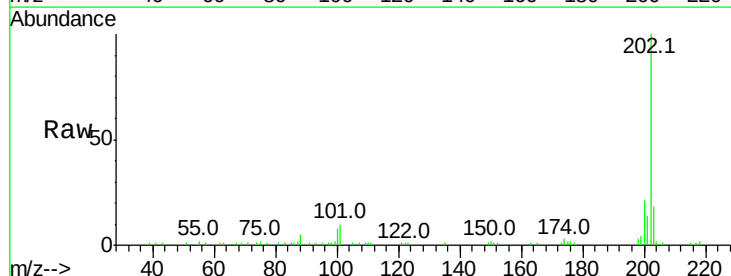
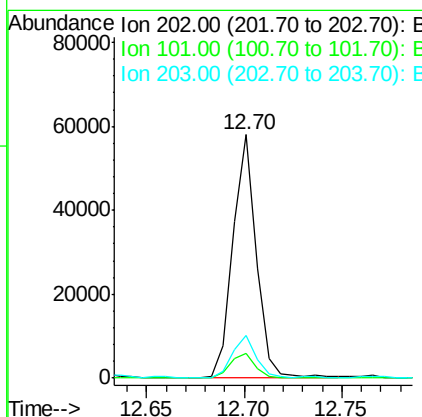
Manual Integrations
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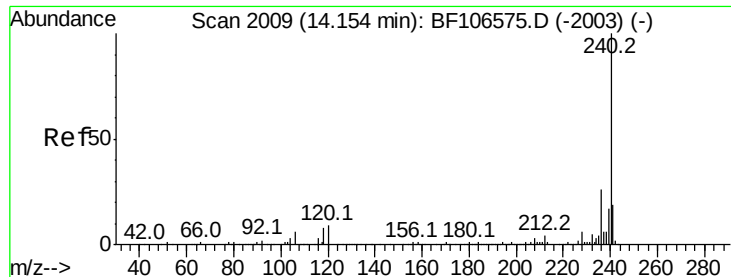
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#74
Fluoranthene
Concen: 4.538 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107182.D
Acq: 6 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107182.D

Acq: 6 Jul 2018 19:27

Instrument :

BNA_F

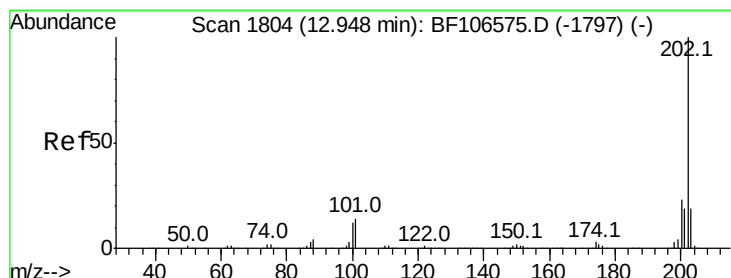
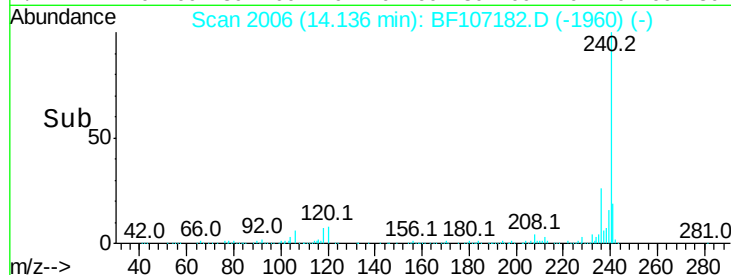
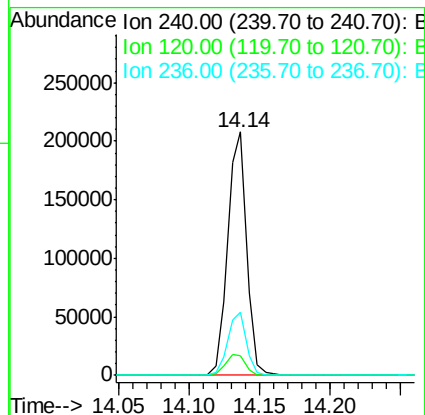
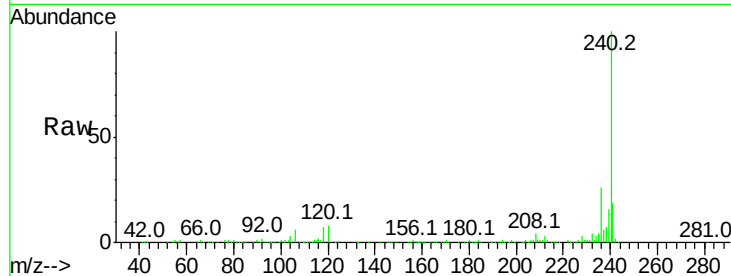
ClientSampled :

S4

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	25.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.801 ng

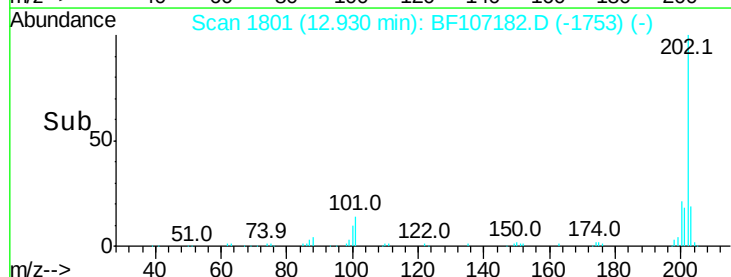
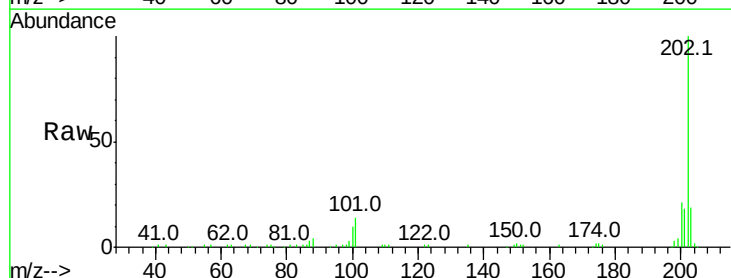
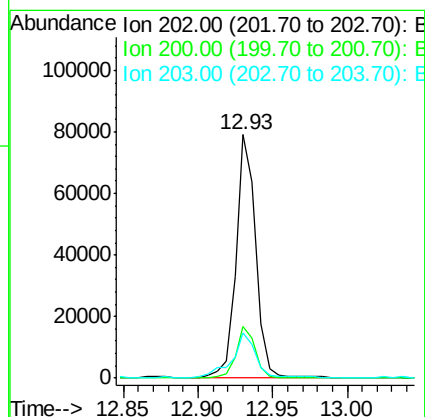
RT: 12.93 min Scan# 1801

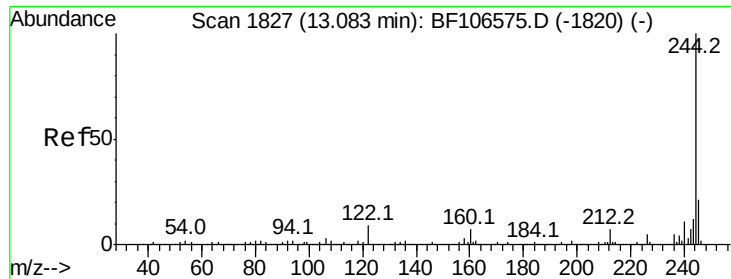
Delta R.T. -0.02 min

Lab File: BF107182.D

Acq: 6 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.6	14.3	21.5





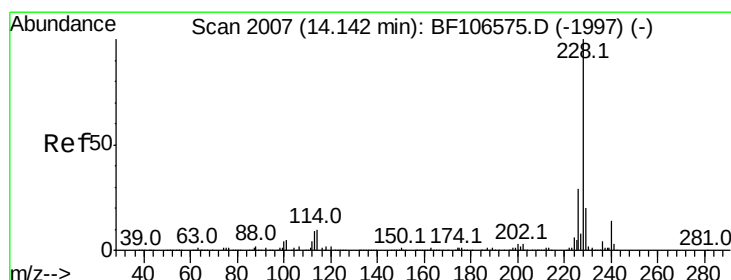
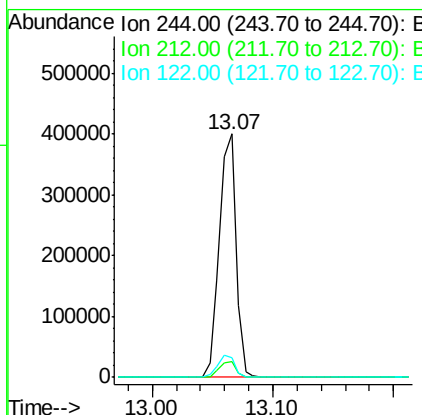
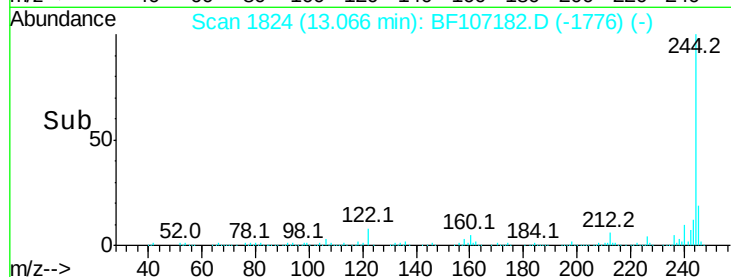
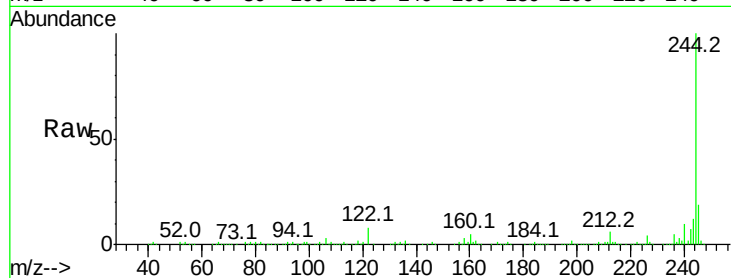
#78
 Terphenyl-d14
 Concen: 47.828 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107182.D
 Acq: 6 Jul 2018 19:27

Instrument :
 BNA_F
 ClientSampled :
 S4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.0	11.0	16.4

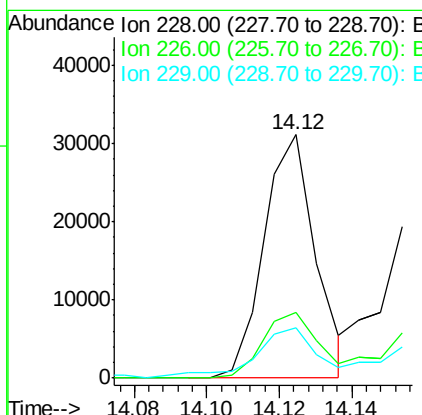
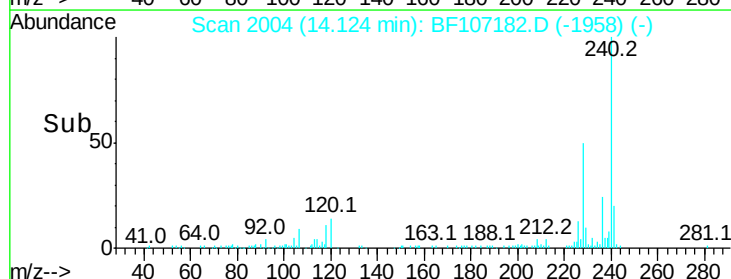
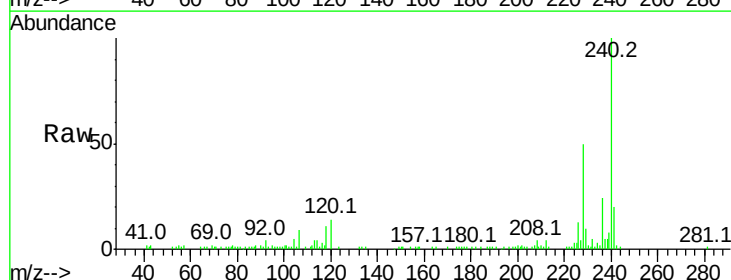
Manual Integrations
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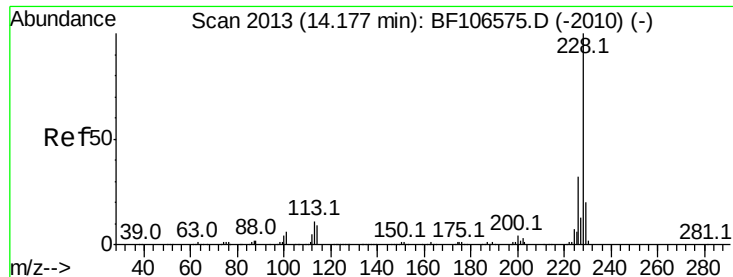
Sohil
 7/9/2018 1:58:33 PM



#80
 Benzo(a)anthracene
 Concen: 2.609 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107182.D
 Acq: 6 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.4	15.8	23.6





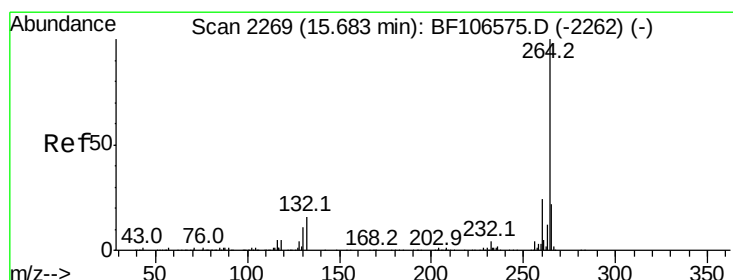
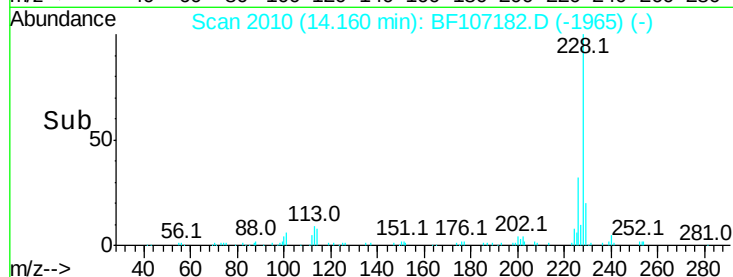
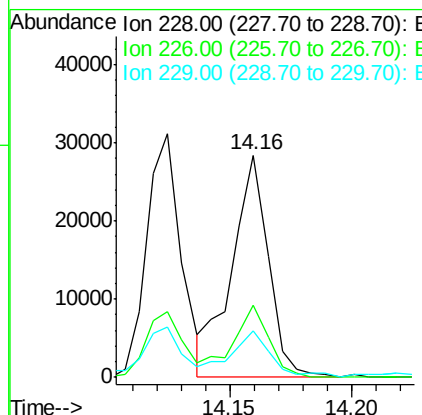
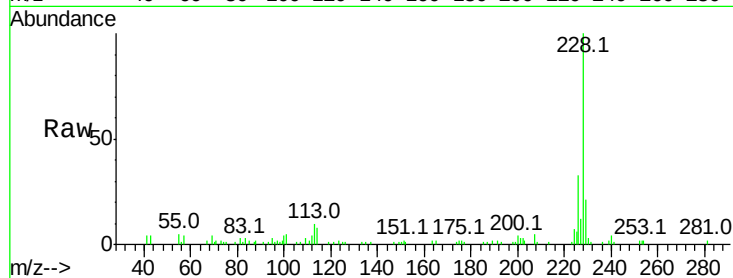
#82
 Chrysene
 Concen: 2.752 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.04 min
 Lab File: BF107182.D
 Acq: 6 Jul 2018 19:27

Instrument :
 BNA_F
 ClientSampled :
 S4

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	20.8	16.2	24.4

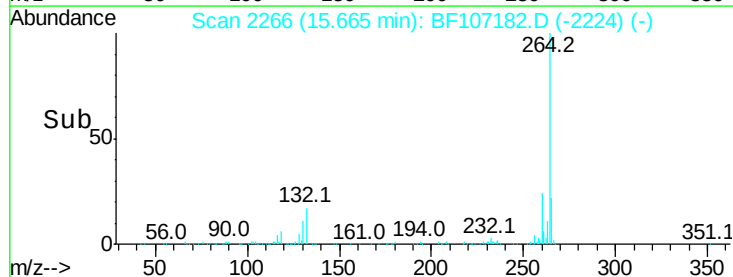
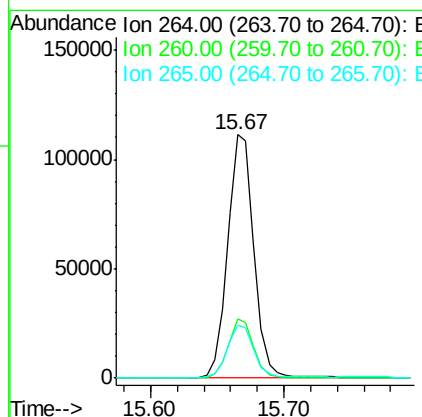
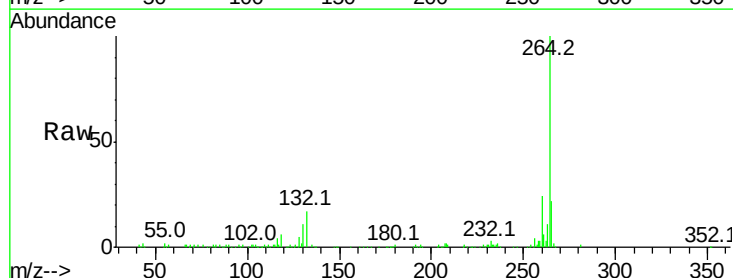
Manual Integrations
 APPROVED

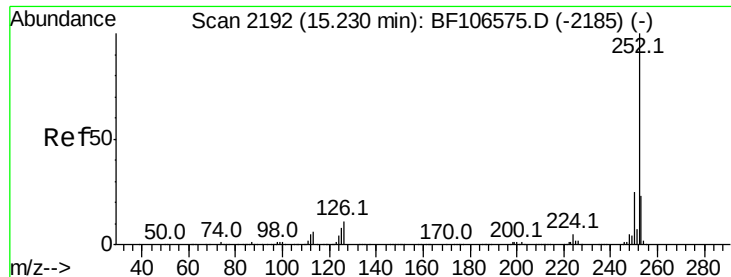
Sohil
 7/9/2018 1:58:33 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107182.D
 Acq: 6 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3





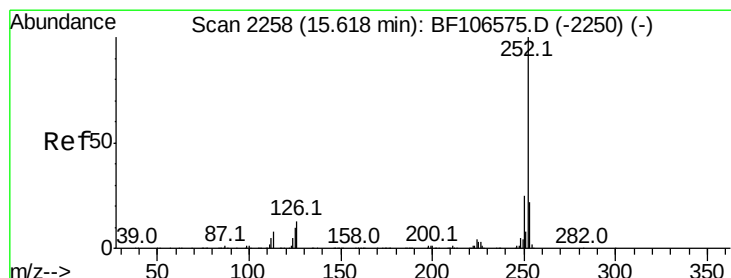
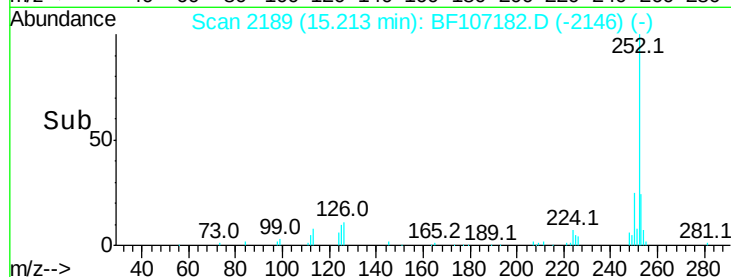
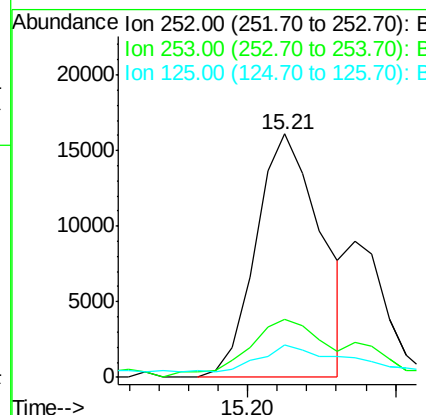
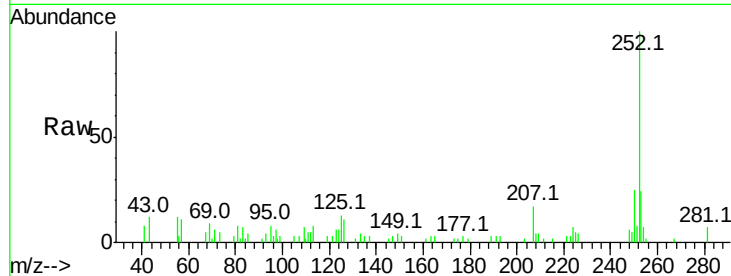
#87
Benzo(b)fluoranthene
Concen: 2.571 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107182.D
Acq: 6 Jul 2018 19:27

Instrument :
BNA_F
ClientSampleId :
S4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	13.3	9.0	13.6

Manual Integrations
APPROVED

Sohil
7/9/2018 1:58:33 PM



#89
Benzo(a)pyrene
Concen: 2.366 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF107182.D
Acq: 6 Jul 2018 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	11.4	9.8	14.6

