

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106827.D
 Acq On : 26 Jun 2018 17:14
 Operator : JU/SJ
 Sample : J3684-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 TP-1-S

Manual Integrations
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Quant Time: Jun 27 01:41:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	47506	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	170637	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	72415	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	127390	20.00	ng	0.00
75) Chrysene-d12	14.16	240	130041	20.00	ng	0.00
86) Perylene-d12	15.71	264	91888	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	275750	98.29	ng	0.00
7) Phenol-d6	6.60	99	340502	97.19	ng	-0.01
23) Nitrobenzene-d5	7.52	82	209054	68.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	84594	100.79	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	344129	79.48	ng	-0.01
78) Terphenyl-d14	13.08	244	359879	67.04	ng	0.00
Target Compounds						
48) Acenaphthylene	9.87	152	27970	3.900	ng	98
49) Dimethylphthalate	9.71	163	73276	13.492	ng	# 98
51) Acenaphthene	10.04	154	11923	2.640	ng	98
54) Dibenzofuran	10.21	168	14253	2.305	ng	95
57) Fluorene	10.55	166	18412	3.752	ng	# 98
70) Phenanthrene	11.52	178	224790	36.585	ng	98
71) Anthracene	11.57	178	78164	12.463	ng	98
72) Carbazole	11.72	167	15911	2.710	ng	98
74) Fluoranthene	12.72	202	535798	79.117	ng	96
77) Pyrene	12.95	202	516286	60.206	ng	99
80) Benzo(a)anthracene	14.15	228	348828	44.013	ng	97
82) Chrysene	14.18	228	274369	37.629	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	95844	15.489	ng	# 88
87) Benzo(b)fluoranthene	15.25	252	305307m	53.487	ng	
88) Benzo(k)fluoranthene	15.28	252	86001m	15.821	ng	
89) Benzo(a)pyrene	15.64	252	203234m	40.052	ng	
90) Dibenzo(a,h)anthracene	17.29	278	26418	6.143	ng	# 70
91) Benzo(g,h,i)perylene	17.77	276	90969	21.642	ng	# 89

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

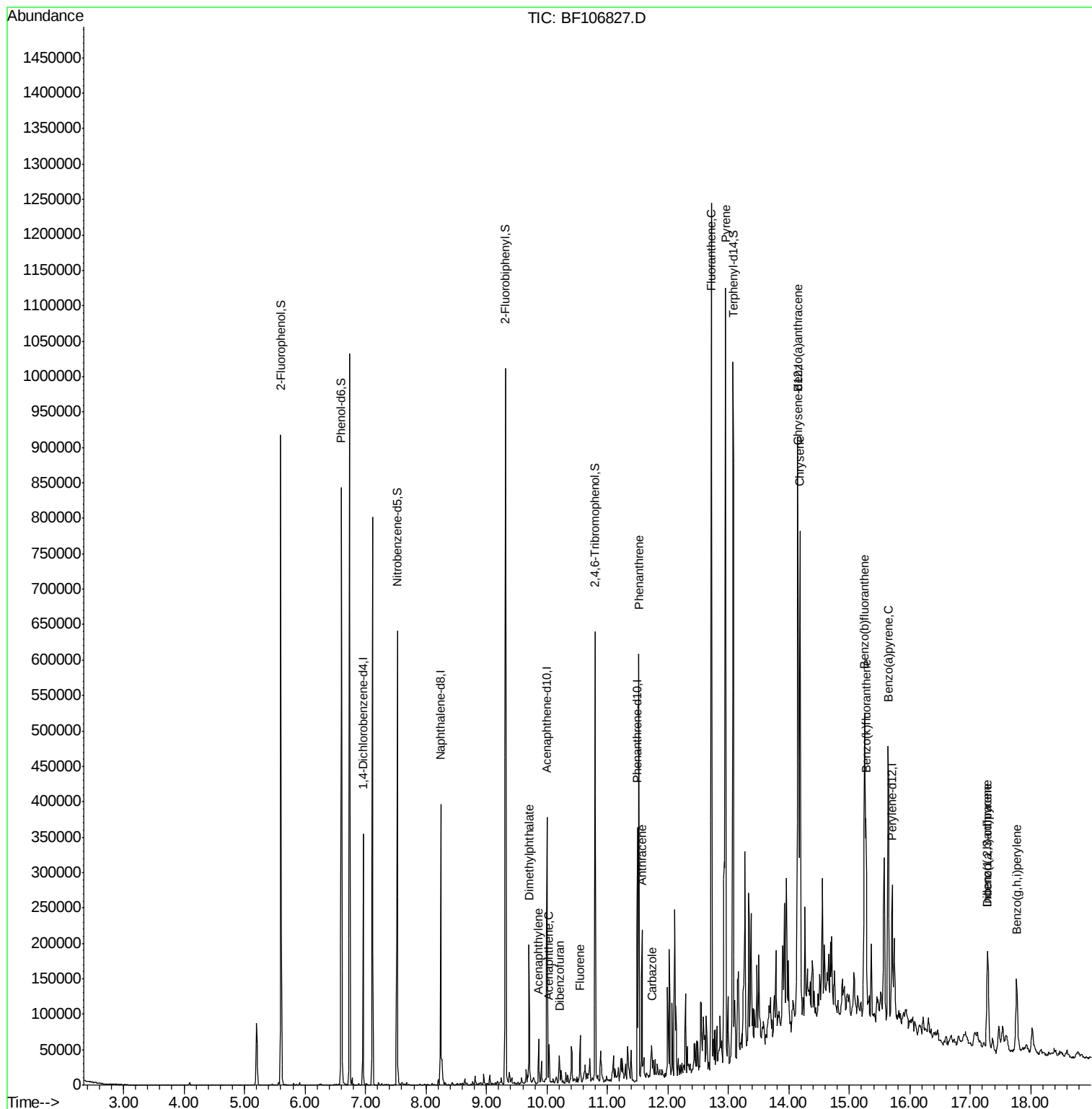
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
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ALS Vial : 15 Sample Multiplier: 1

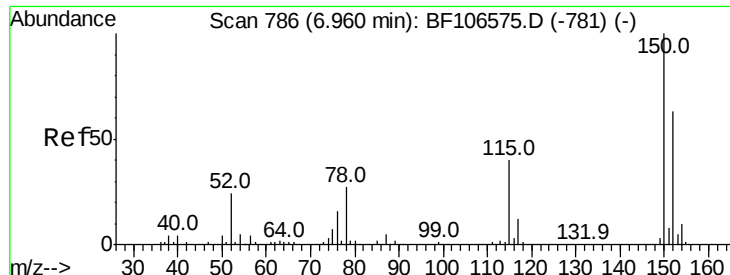
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

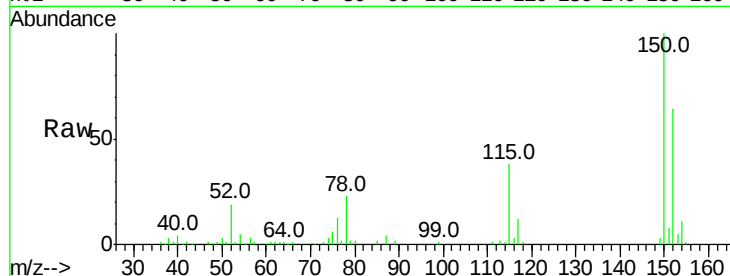
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampled :
TP-1-S

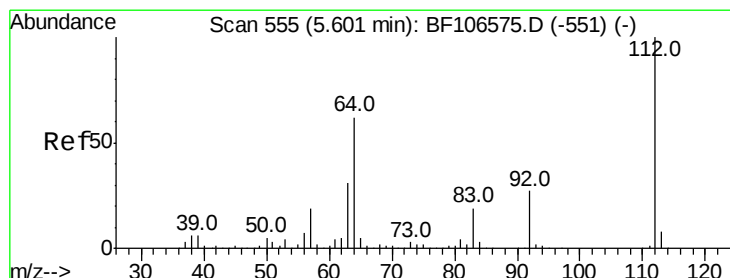
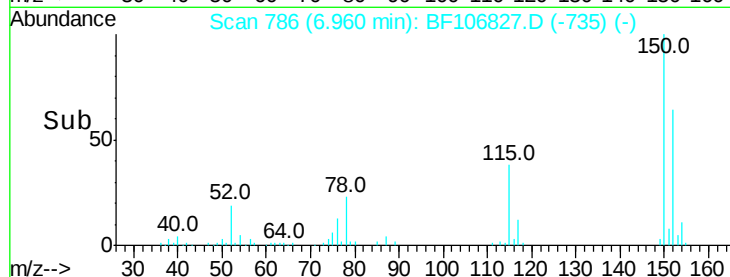
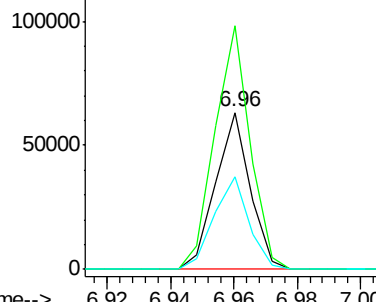
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	58.6	50.1	75.1

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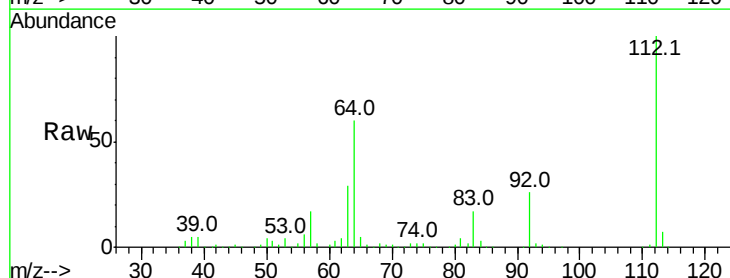
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



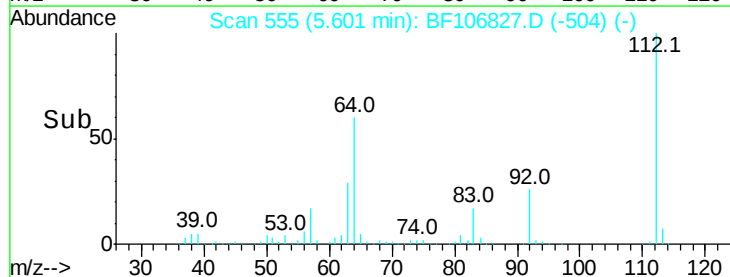
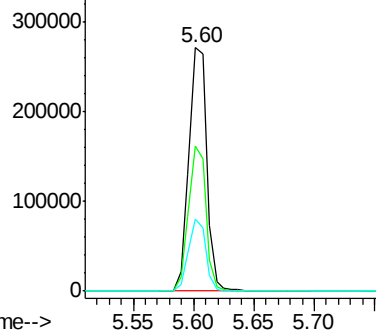
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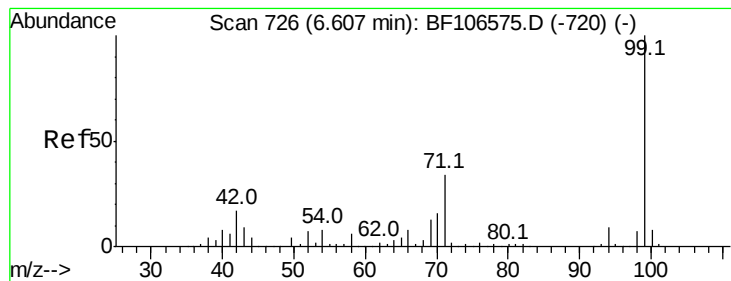
2-Fluorophenol
Concen: 98.289 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	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: 97.188 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

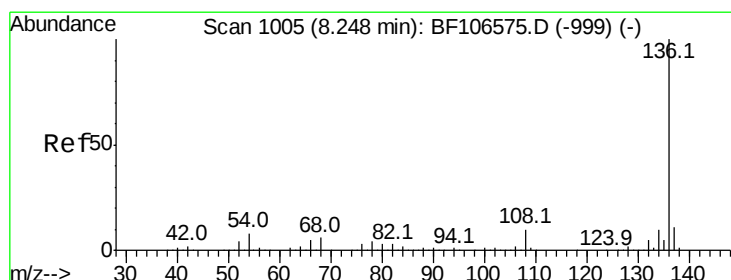
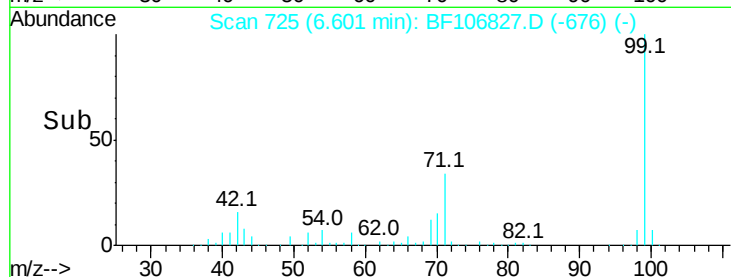
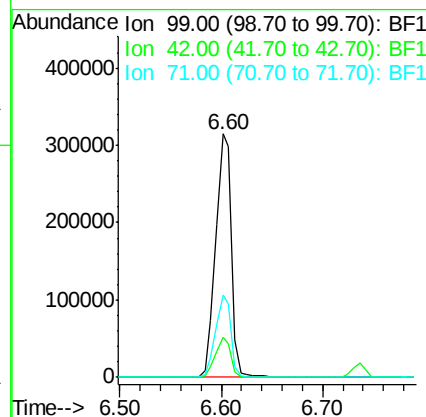
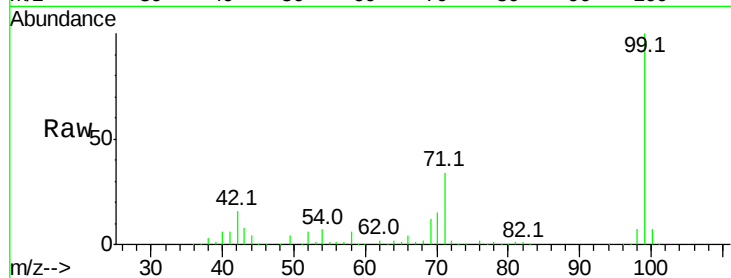
ClientSampleId :

TP-1-S

Tot Ion:	99	Resp:	340502
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

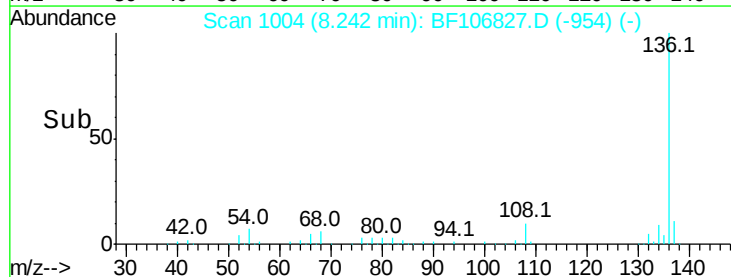
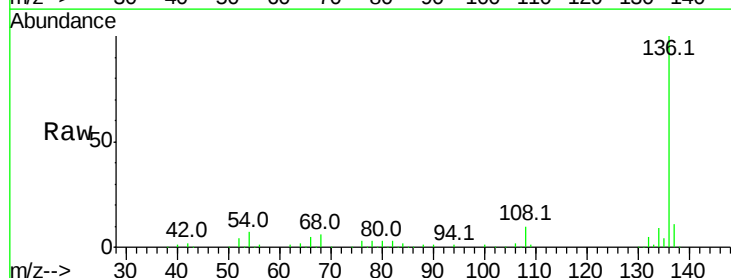
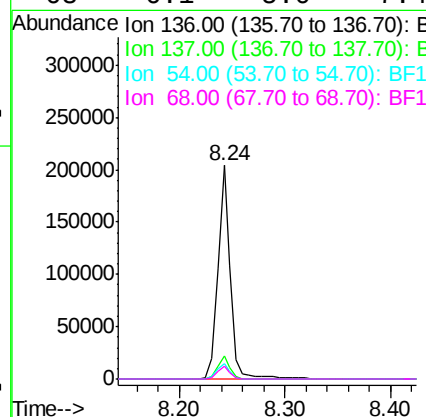
RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Tgt Ion:	136	Resp:	170637
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4





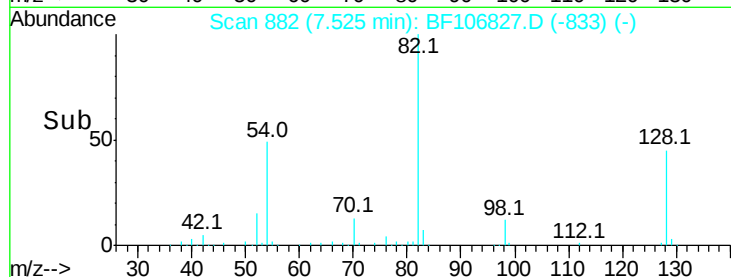
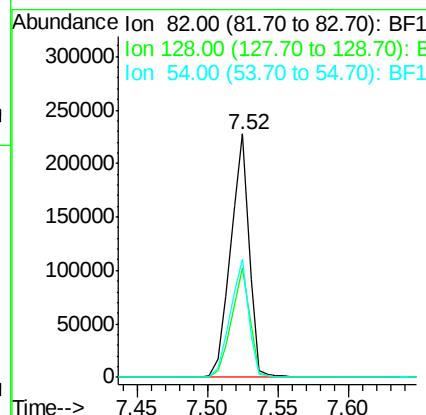
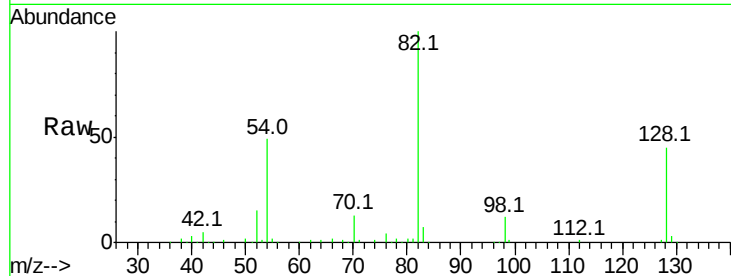
#23
Nitrobenzene-d5
Concen: 68.085 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	48.8	41.4	62.2

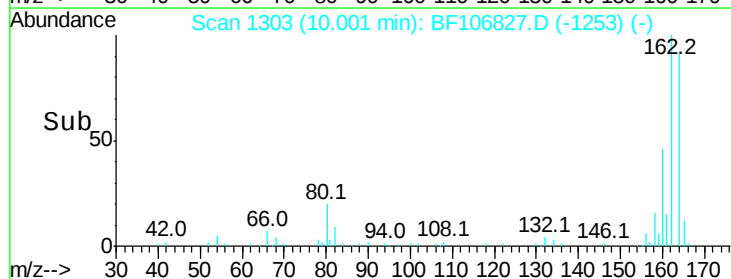
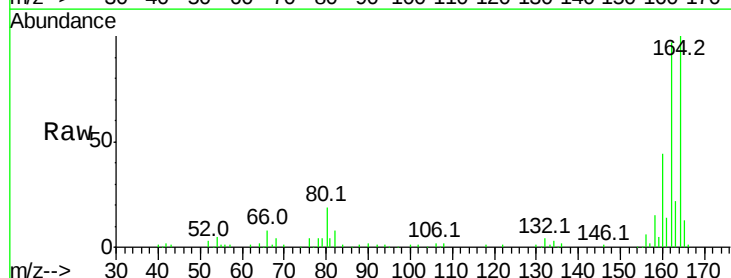
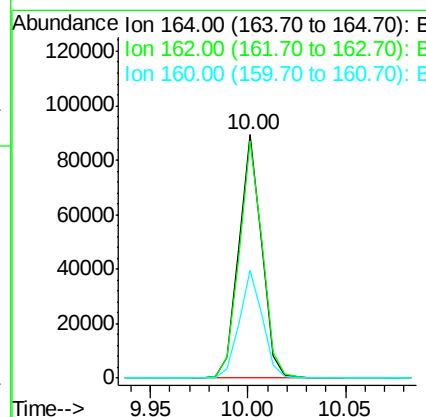
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	86.1	129.1
160	44.5	38.3	57.5





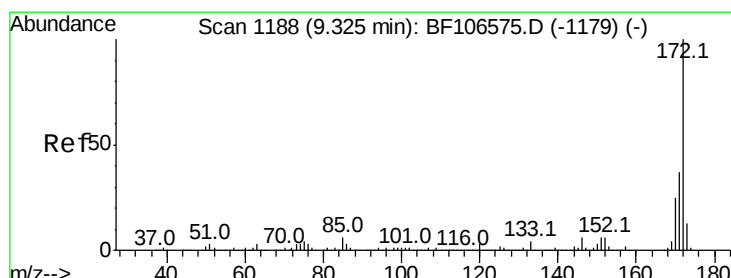
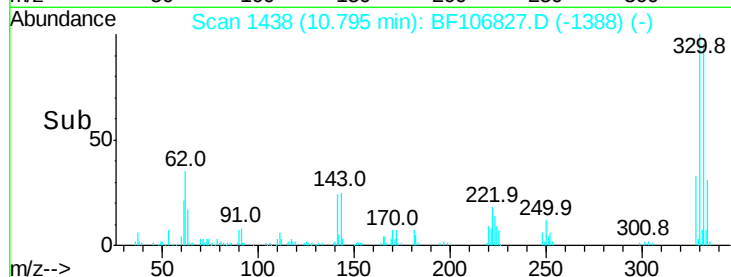
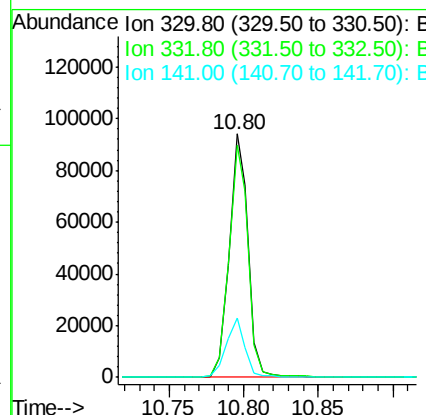
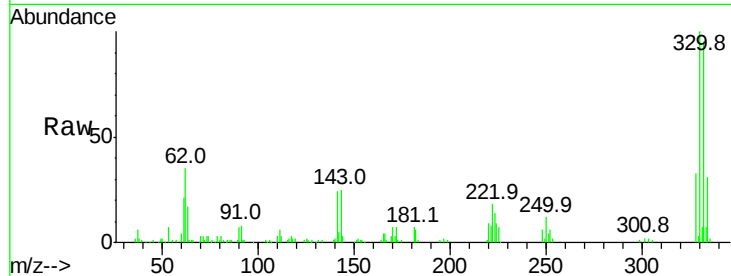
#41
 2,4,6-Tribromophenol
 Concen: 100.790 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	24.1	29.9	44.9

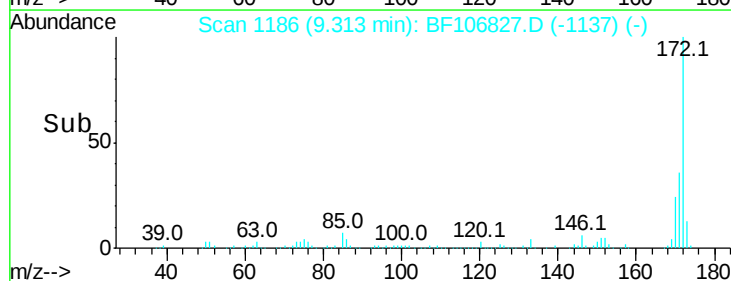
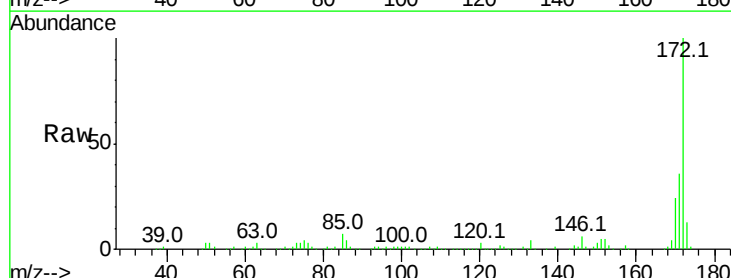
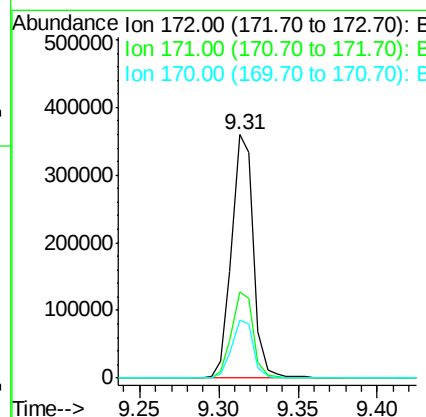
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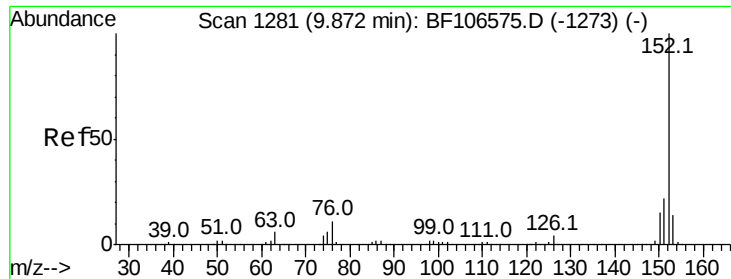
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#44
 2-Fluorobiphenyl
 Concen: 79.478 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4





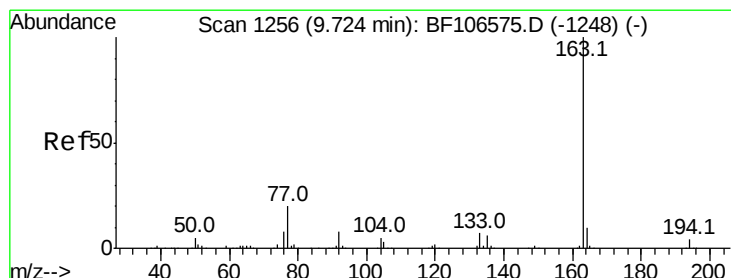
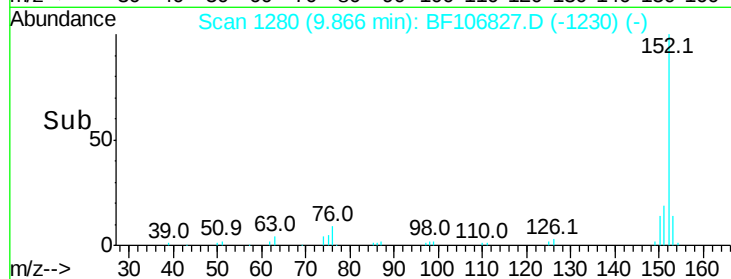
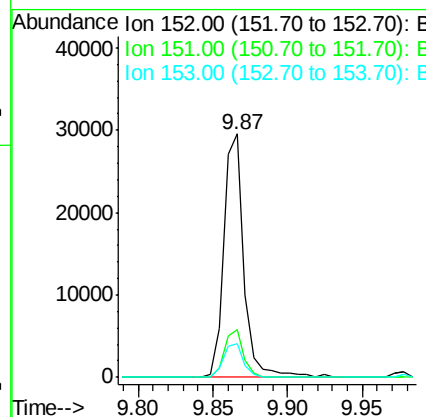
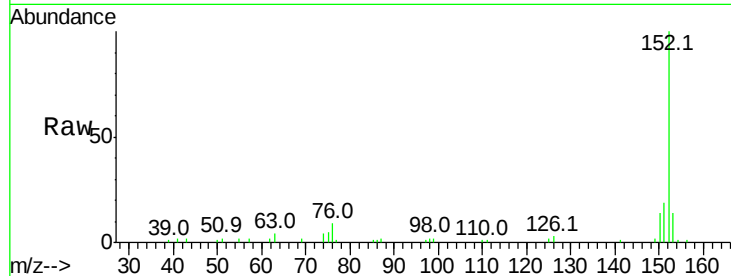
#48
 Acenaphthylene
 Concen: 3.900 ng
 RT: 9.87 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion:	152	Resp:	27970
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.3	24.5
153	13.8	10.7	16.1

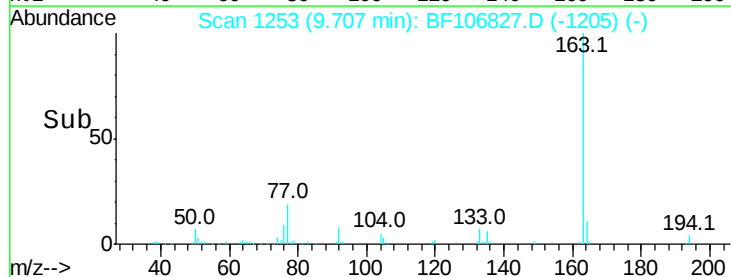
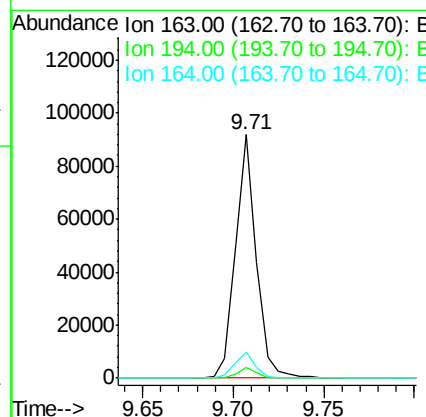
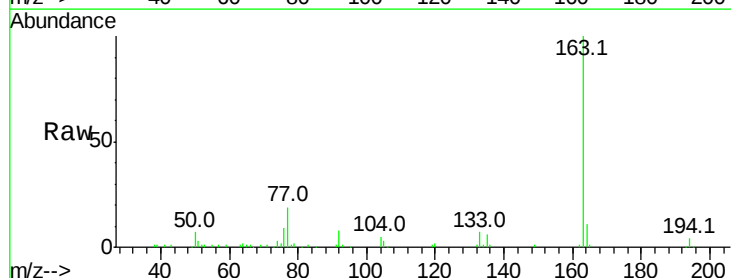
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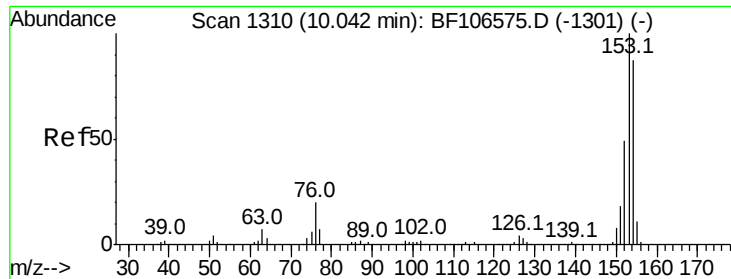
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#49
 Dimethylphthalate
 Concen: 13.492 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Tgt Ion:	163	Resp:	73276
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	10.8	8.2	12.2





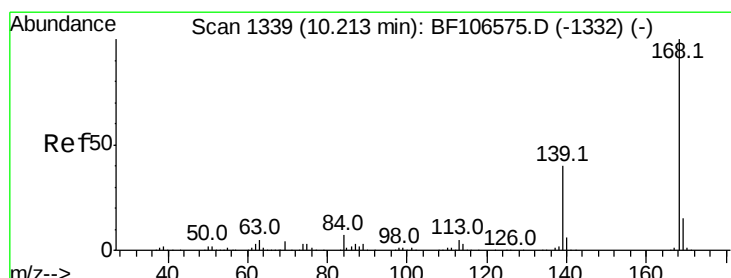
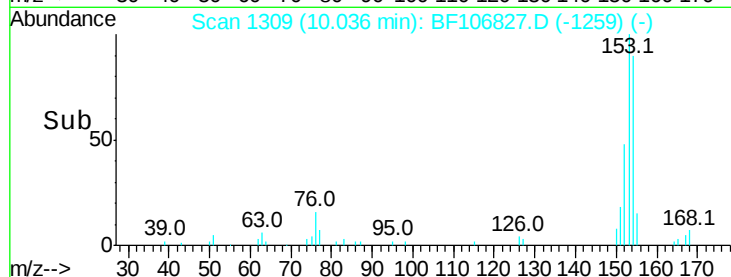
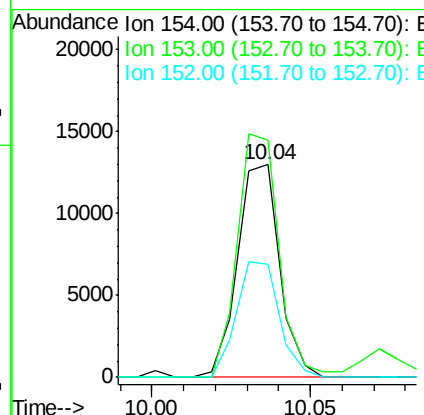
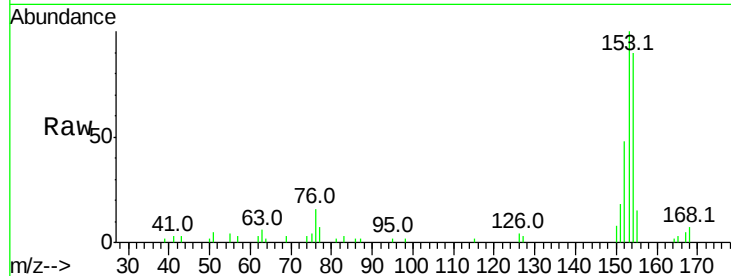
#51
Acenaphthene
Concen: 2.640 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.2	136.8
152	53.1	43.8	65.8

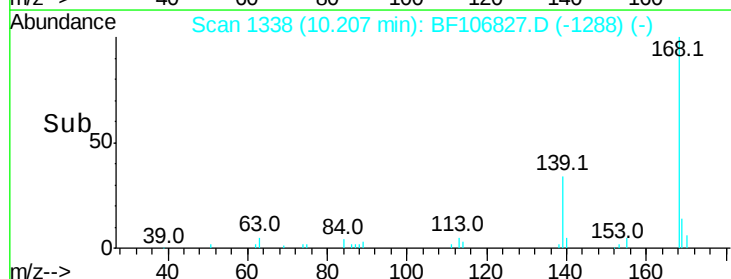
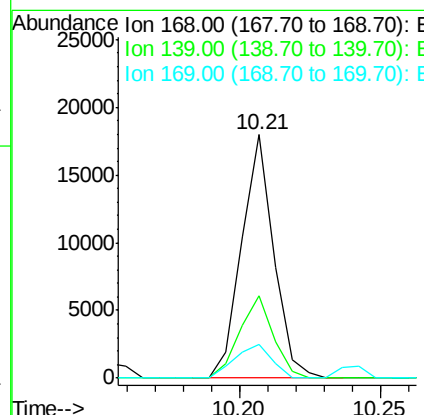
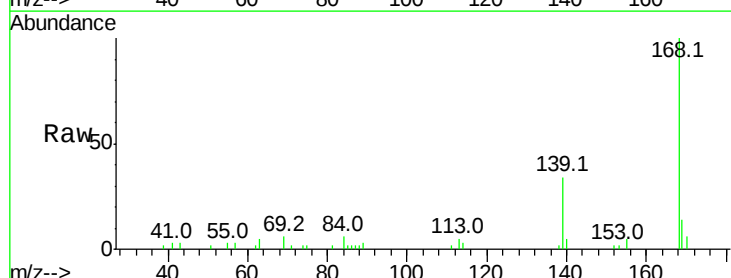
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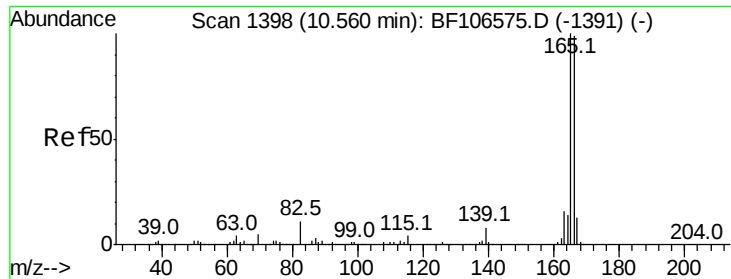
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#54
Dibenzofuran
Concen: 2.305 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.8	30.1	45.1
169	13.7	10.9	16.3





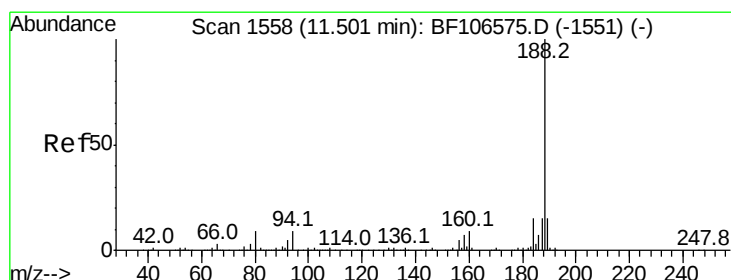
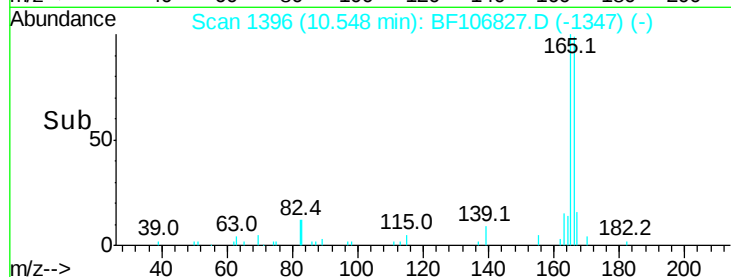
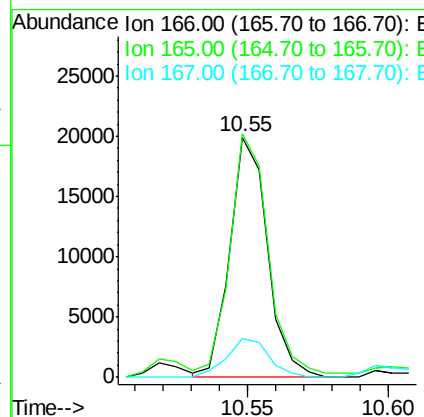
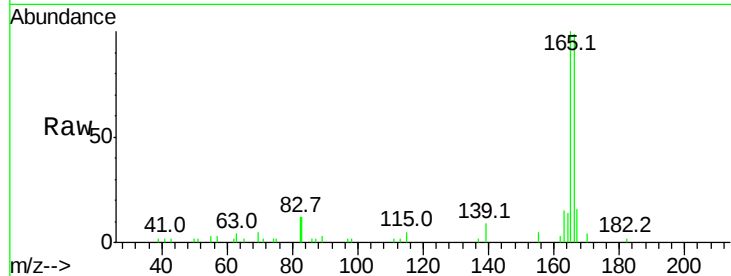
#57
Fluorene
 Concen: 3.752 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Instrument :
 BNA_F
 ClientSampled :
 TP-1-S

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.4	79.8	119.8	
167	16.0	10.6	16.0#	

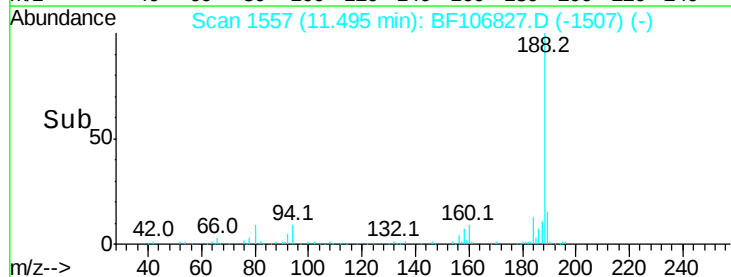
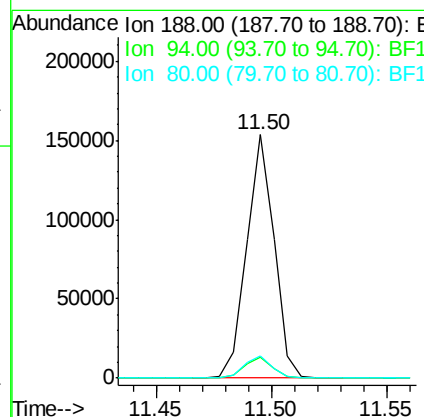
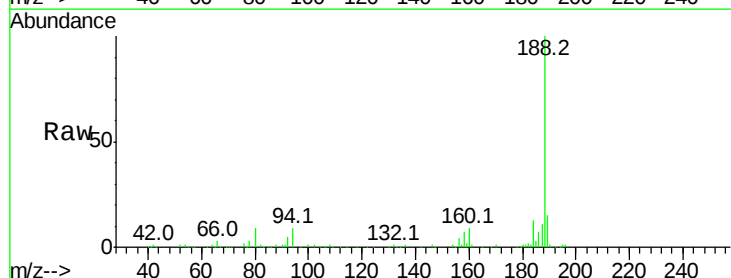
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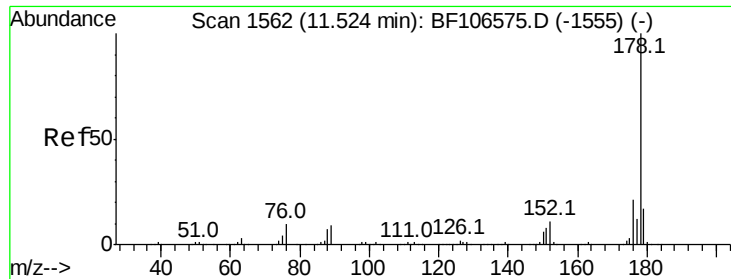
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106827.D
 Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.7	8.5	12.7	
80	9.1	9.2	13.8#	





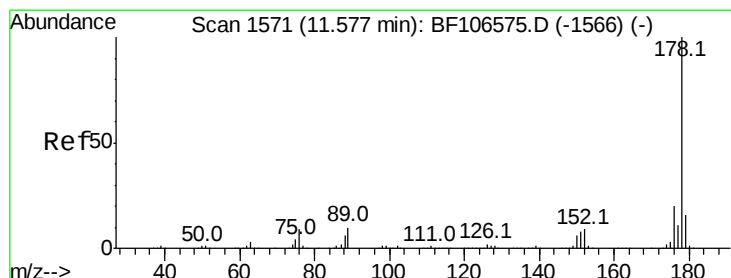
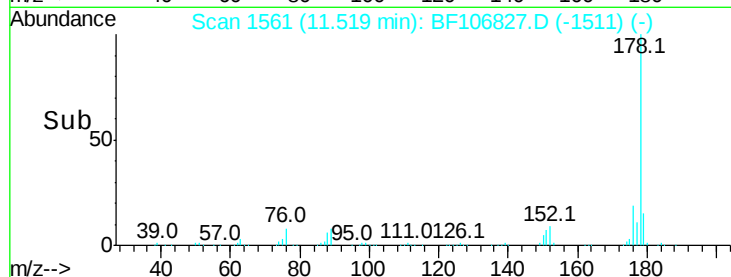
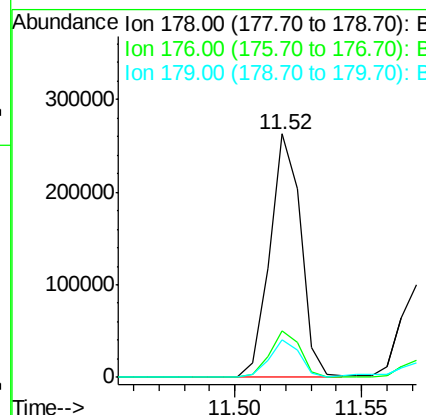
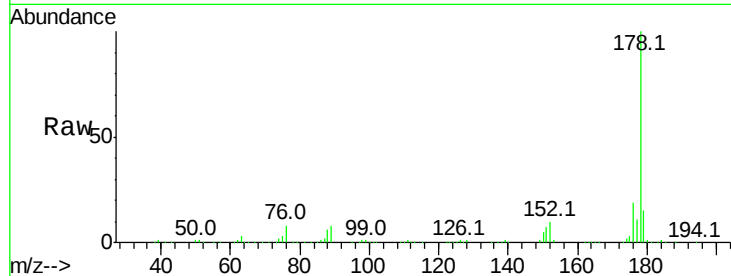
#70
Phenanthrene
Concen: 36.585 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	13.0	19.6

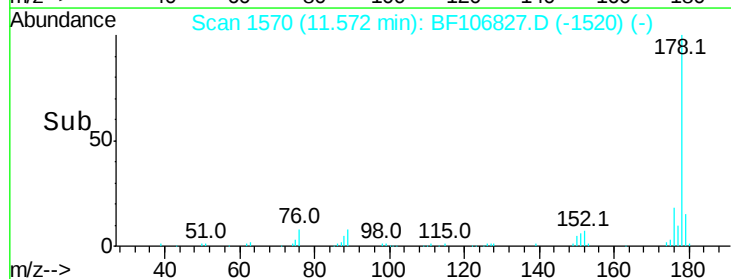
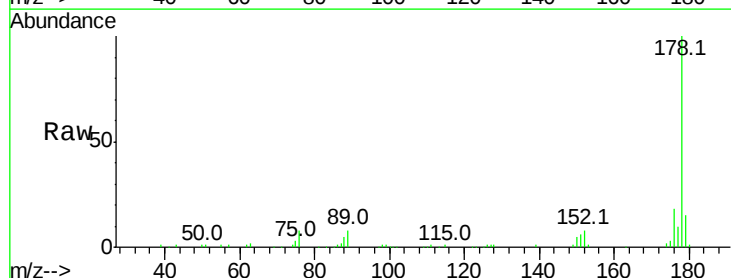
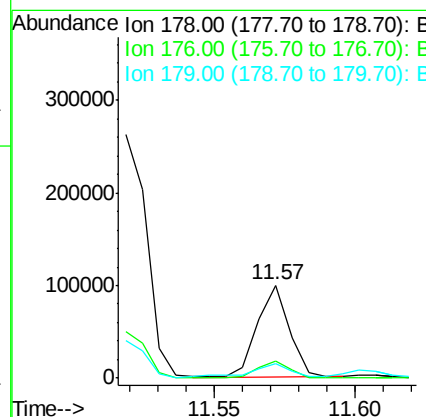
Manual Integrations
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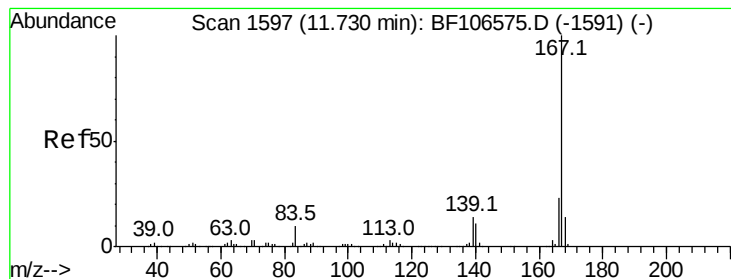
Sohil
6/27/2018 2:14:13 PM



#71
Anthracene
Concen: 12.463 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.1	12.6	19.0





#72

Carbazole

Concen: 2.710 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

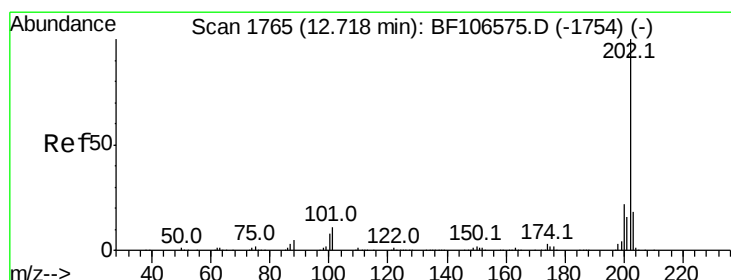
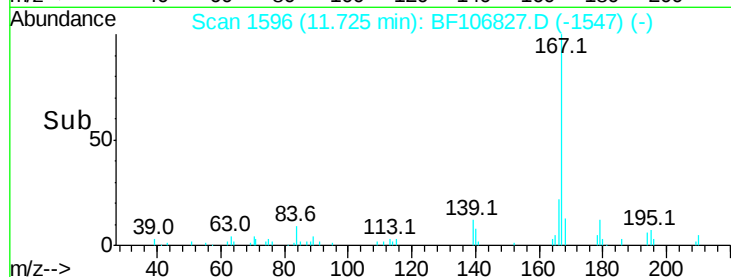
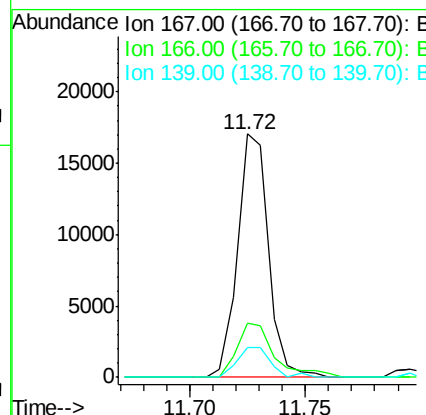
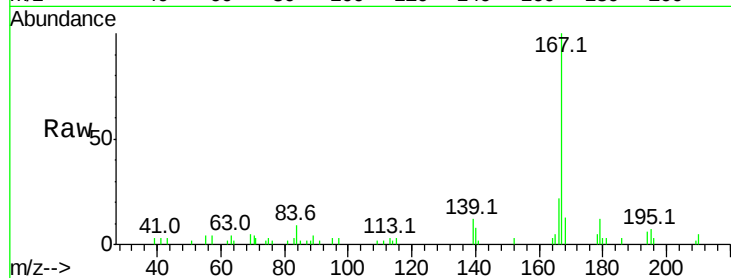
ClientSampled :

TP-1-S

Tot Ion:	167	Resp:	15911
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.6	26.4
139	12.0	10.9	16.3

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#74

Fluoranthene

Concen: 79.117 ng

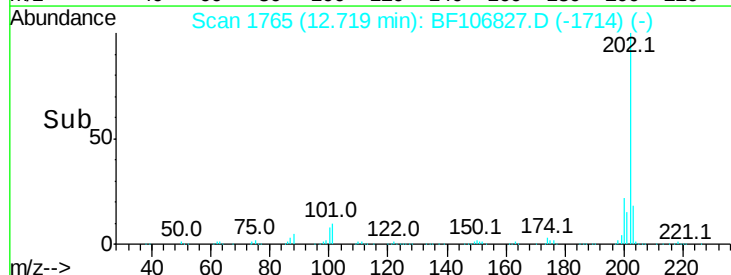
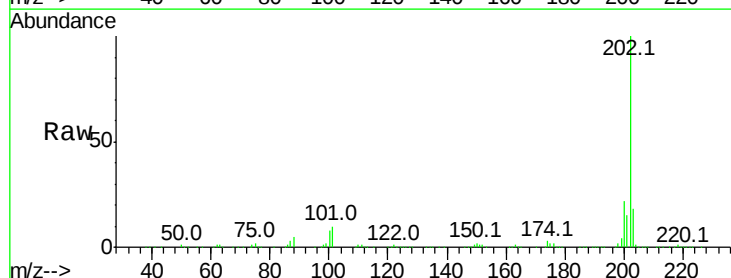
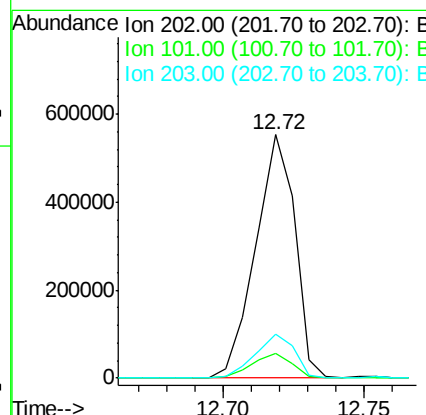
RT: 12.72 min Scan# 1765

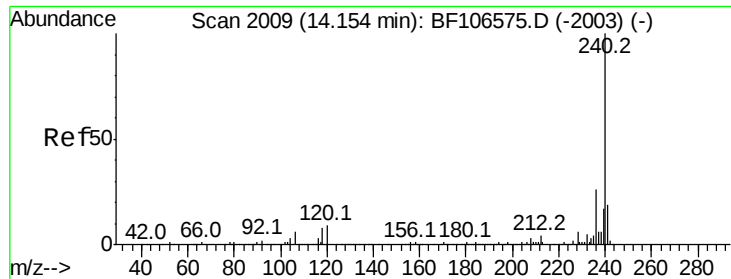
Delta R.T. 0.00 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Tgt Ion:	202	Resp:	535798
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

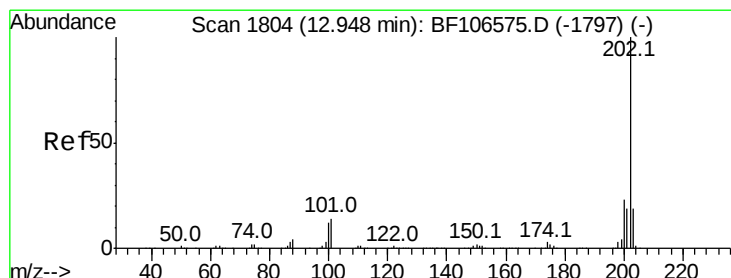
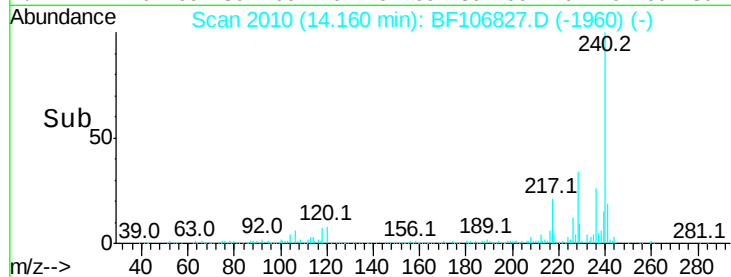
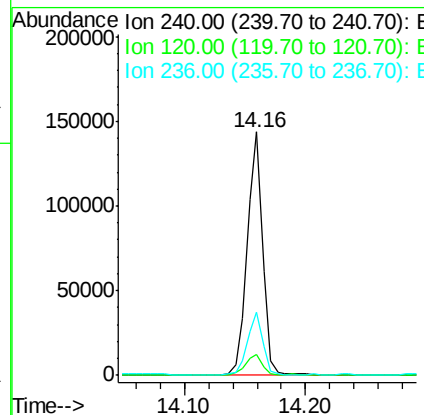
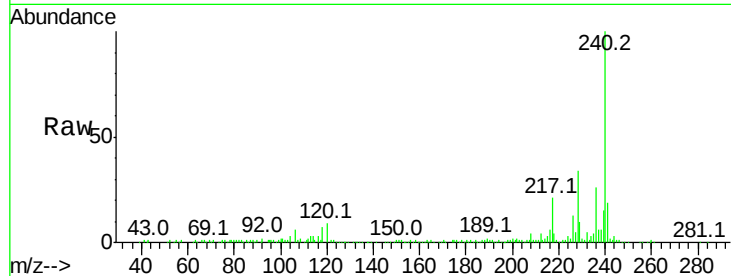
ClientSampled :

TP-1-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.6	9.5	14.3	
236	25.9	20.7	31.1	

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#77

Pyrene

Concen: 60.206 ng

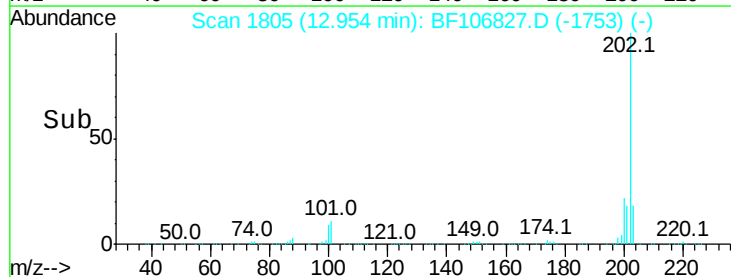
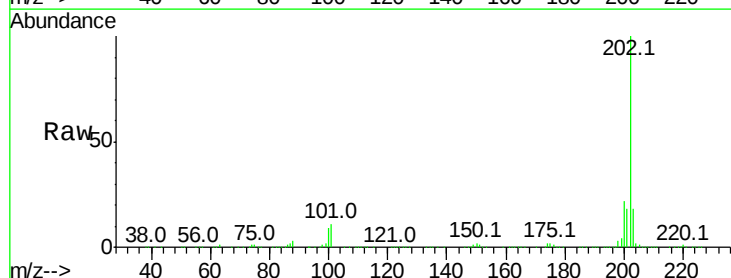
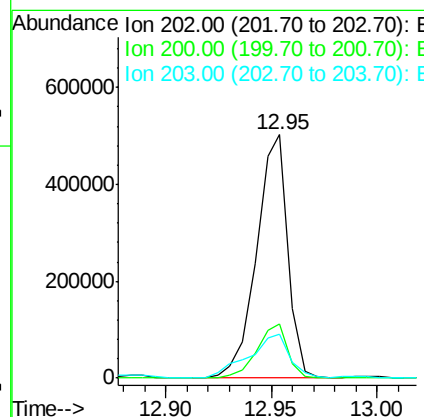
RT: 12.95 min Scan# 1805

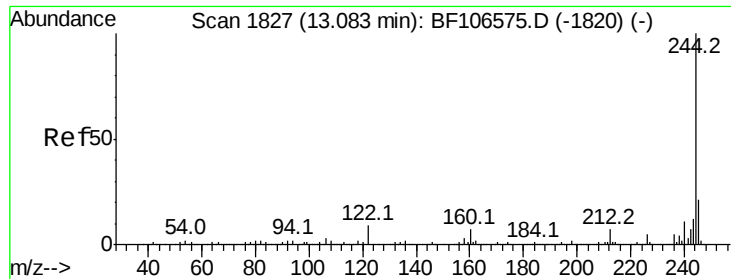
Delta R.T. 0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.1	17.4	26.2	
203	18.3	14.3	21.5	





#78

Terphenyl-d14

Concen: 67.035 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

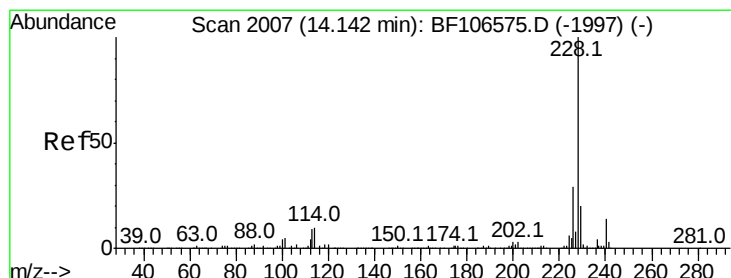
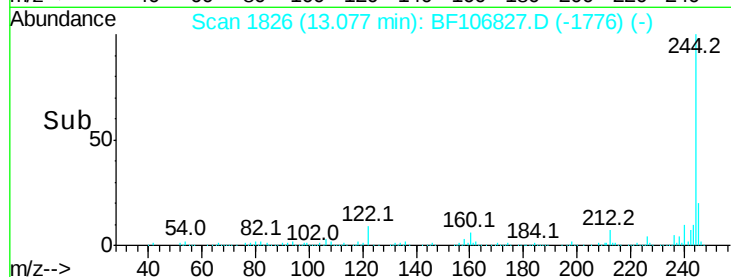
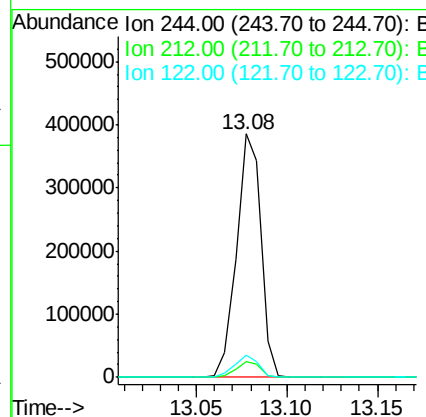
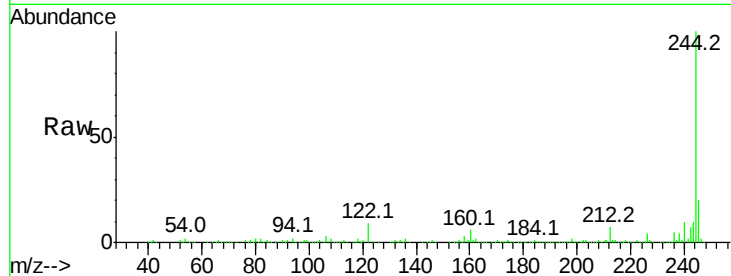
ClientSampled :

TP-1-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.3	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 44.013 ng

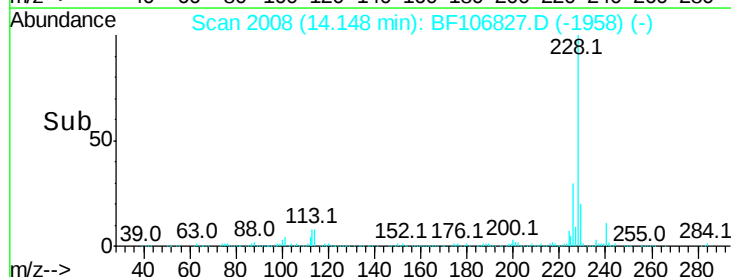
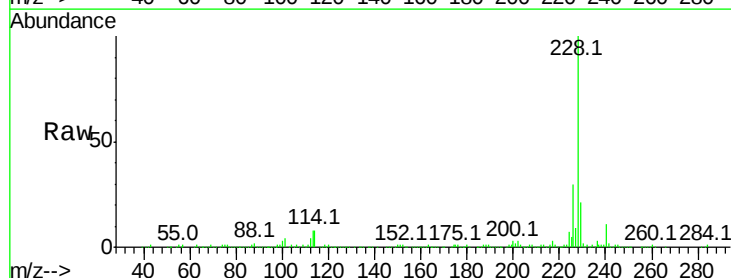
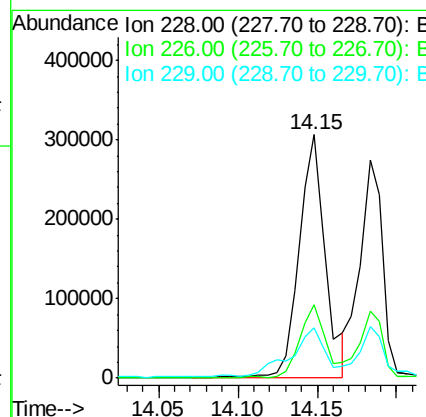
RT: 14.15 min Scan# 2008

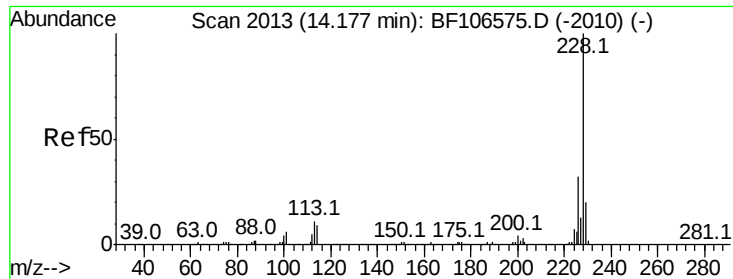
Delta R.T. -0.01 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	20.8	15.8	23.6





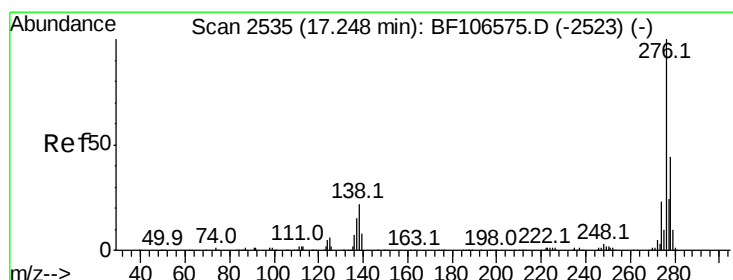
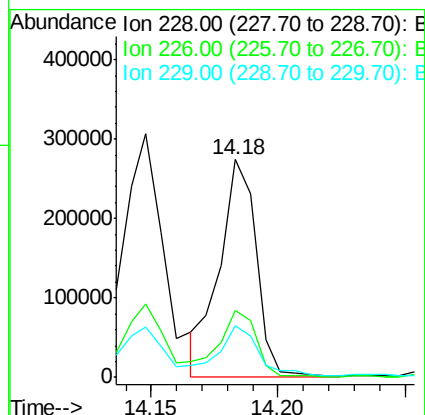
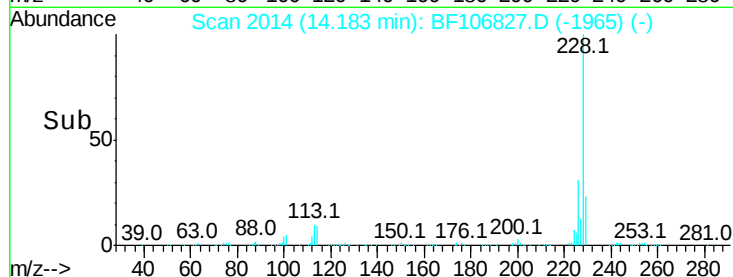
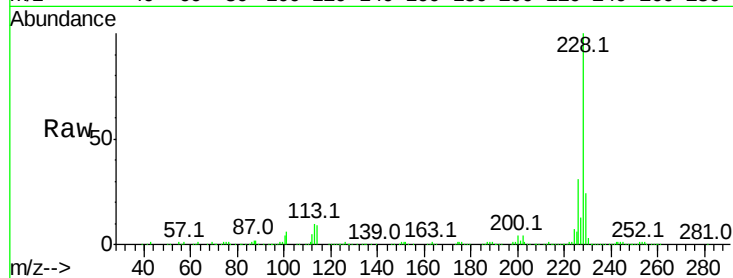
#82
Chrysene
Concen: 37.629 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tot Ion:	228	Resp:	274369
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	23.7	16.2	24.4

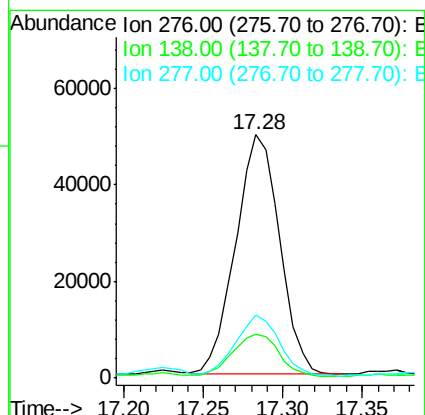
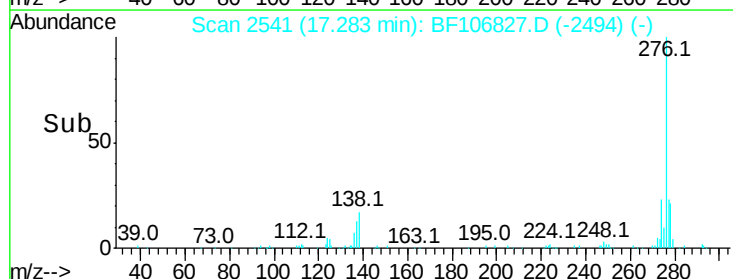
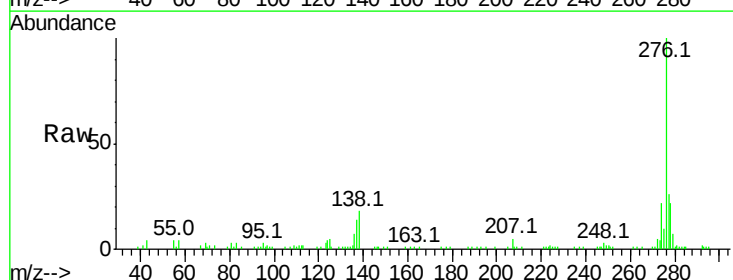
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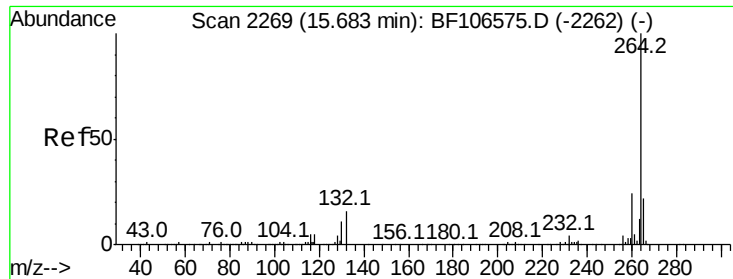
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#85
Indeno(1,2,3-cd)pyrene
Concen: 15.489 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion:	276	Resp:	95844
Ion Ratio	Lower	Upper	
276	100		
138	19.1	25.0	37.6#
277	24.8	20.1	30.1





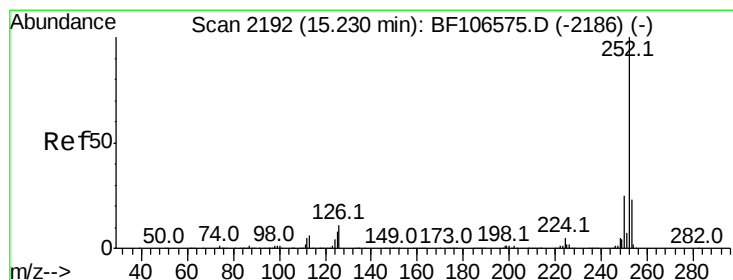
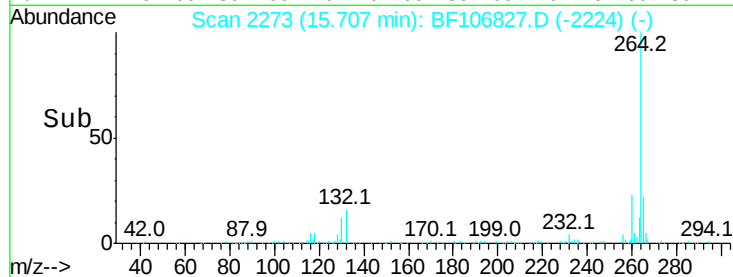
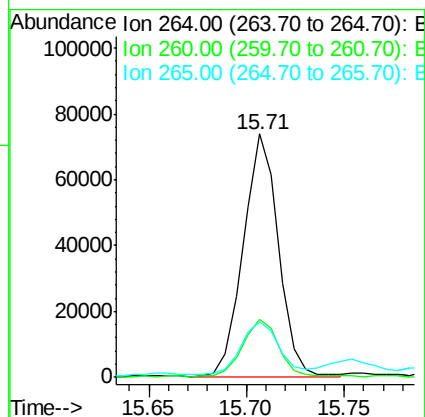
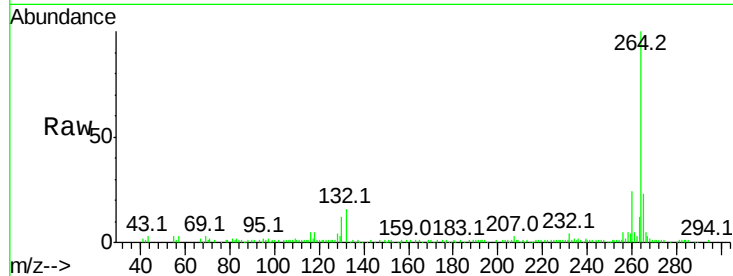
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	17.5	26.3

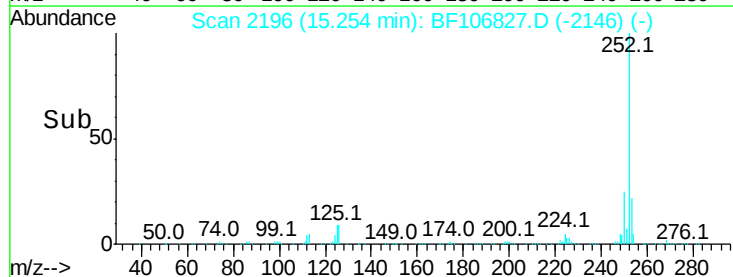
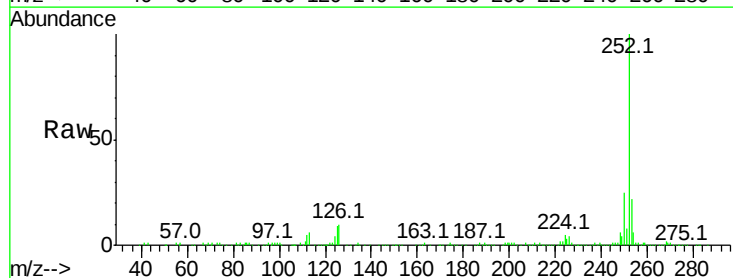
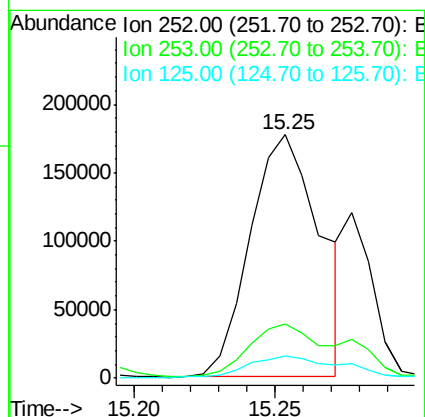
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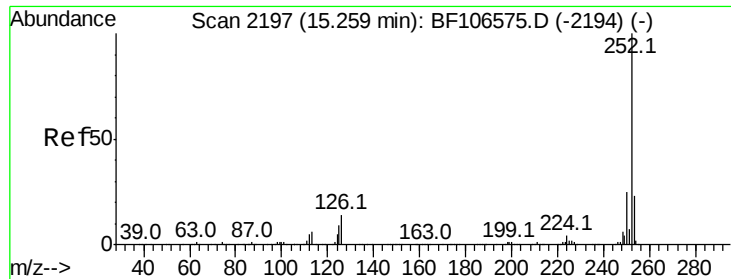
Sohil
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#87
Benzo(b)fluoranthene
Concen: 53.487 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	8.9	9.0	13.6#





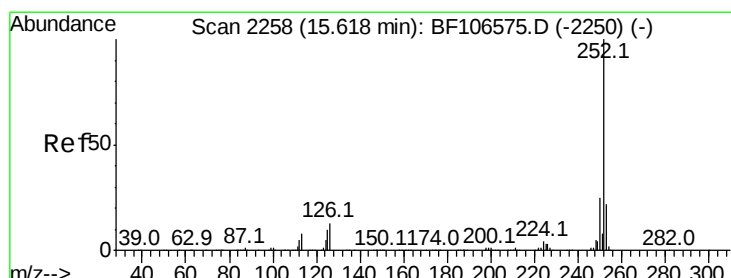
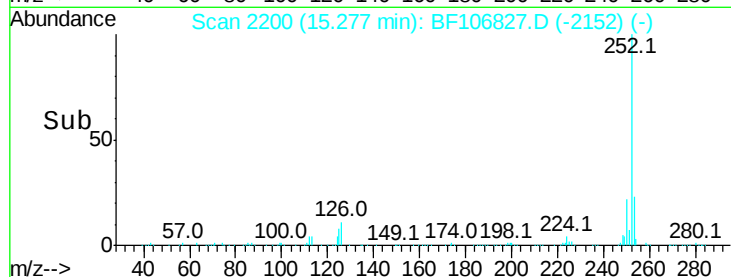
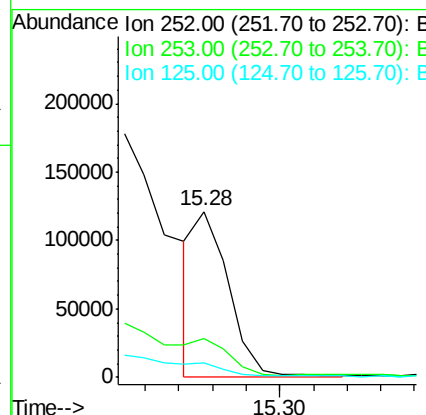
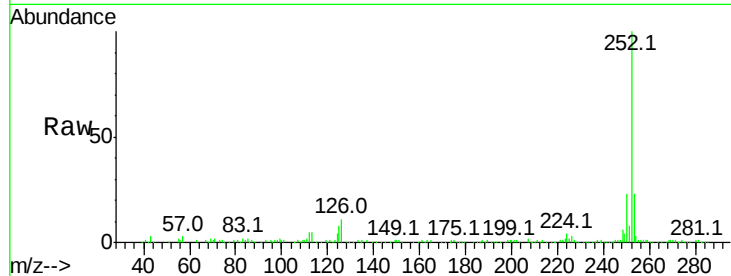
#88
Benzo(k)fluoranthene
Concen: 15.821 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Instrument :
BNA_F
ClientSampled :
TP-1-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	8.4	10.2	15.2#

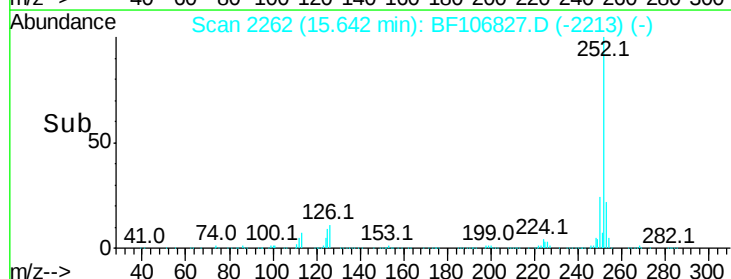
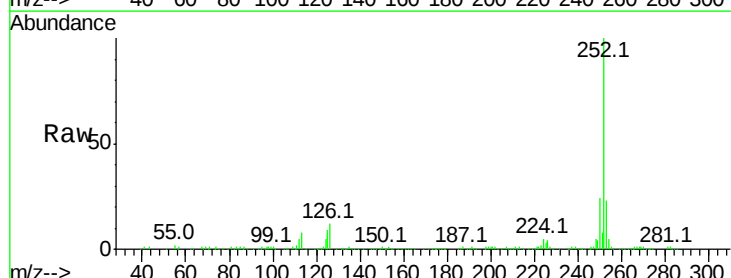
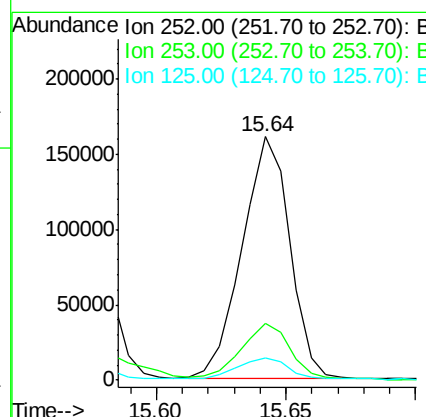
Manual Integrations
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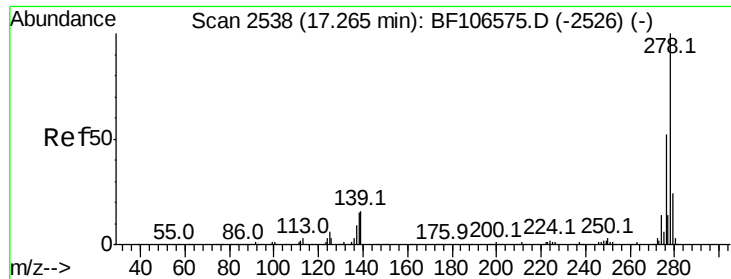
Sohil
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#89
Benzo(a)pyrene
Concen: 40.052 ng m
RT: 15.64 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF106827.D
Acq: 26 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.3	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 6.143 ng

RT: 17.29 min Scan# 2542

Delta R.T. -0.04 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Instrument :

BNA_F

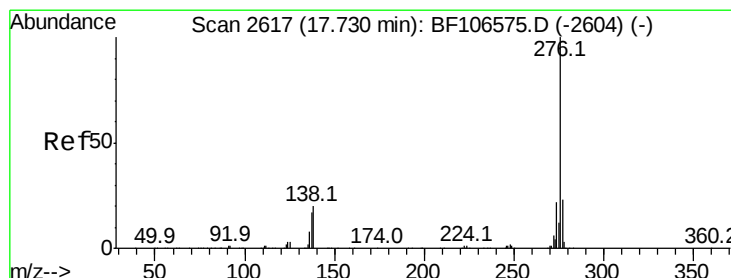
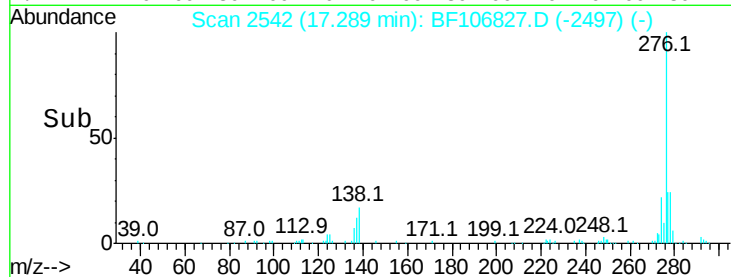
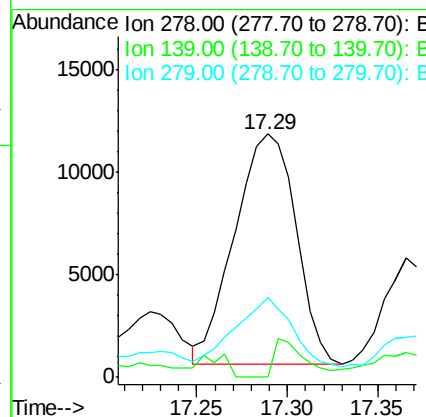
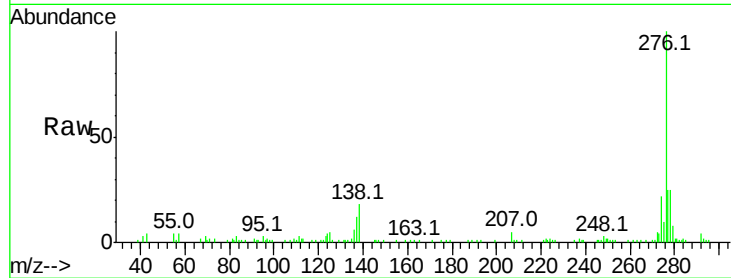
ClientSampleId :

TP-1-S

Tot Ion:	278	Resp:	26418
Ion Ratio	Lower	Upper	
278	100		
139	0.0	15.9	23.9#
279	32.9	19.0	28.4#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 21.642 ng

RT: 17.77 min Scan# 2623

Delta R.T. -0.02 min

Lab File: BF106827.D

Acq: 26 Jun 2018 17:14

Tgt Ion:	276	Resp:	90969
Ion Ratio	Lower	Upper	
276	100		
277	24.6	17.9	26.9
138	19.0	21.8	32.8#

