

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106490.D
 Acq On : 15 Jun 2018 14:34
 Operator : JU/SJ
 Sample : J3498-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-D-S

Manual Integrations
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Sohil
 6/18/2018 10:38:19 AM

Quant Time: Jun 15 23:51:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	125801	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	468298	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	215890	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	378230	20.00	ng	0.00
75) Chrysene-d12	14.15	240	303447	20.00	ng	0.00
86) Perylene-d12	15.70	264	323366	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	700051	94.18	ng	0.00
7) Phenol-d6	6.61	99	850788	90.60	ng	0.00
23) Nitrobenzene-d5	7.52	82	568438	71.41	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	221008	106.40	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	958226	76.24	ng	0.00
78) Terphenyl-d14	13.08	244	822621	67.33	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	123364	7.998	ng	98
51) Acenaphthene	10.04	154	39044	2.952	ng	99
57) Fluorene	10.55	166	43013	3.048	ng	99
70) Phenanthrene	11.52	178	523821	28.279	ng	98
71) Anthracene	11.57	178	132185	7.123	ng	98
72) Carbazole	11.72	167	54924	3.206	ng	99
74) Fluoranthene	12.72	202	746844	37.807	ng	96
77) Pyrene	12.95	202	660205	34.752	ng	99
80) Benzo(a)anthracene	14.14	228	417532	23.122	ng	98
82) Chrysene	14.18	228	359440	21.801	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	184092	13.991	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	474839m	24.292	ng	
88) Benzo(k)fluoranthene	15.27	252	192159m	9.926	ng	
89) Benzo(a)pyrene	15.63	252	345426	19.647	ng	96
90) Dibenzo(a,h)anthracene	17.27	278	47480	3.239	ng	# 93
91) Benzo(g,h,i)perylene	17.74	276	168906	11.857	ng	# 91

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

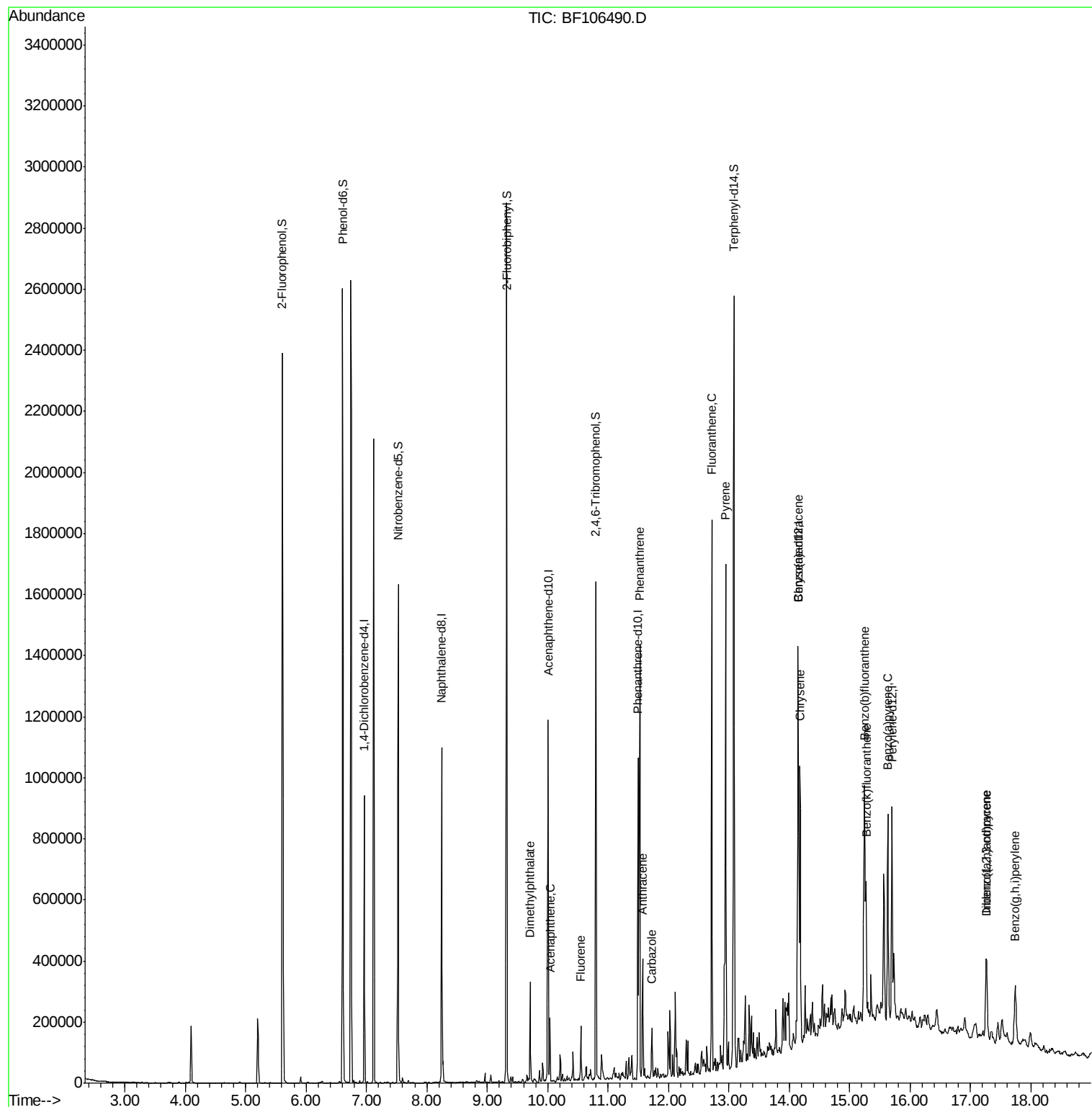
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106490.D
Acq On : 15 Jun 2018 14:34
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Sample : J3498-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

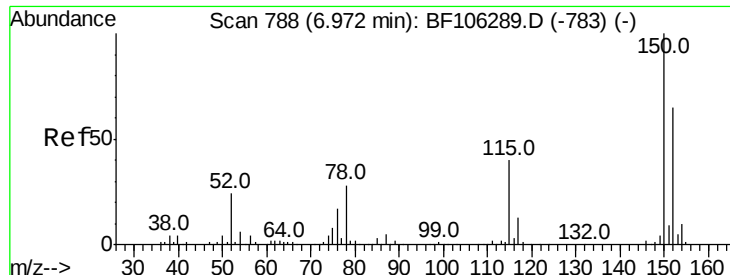
Instrument :
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#1

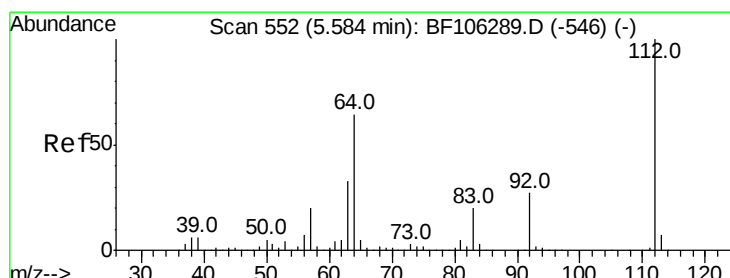
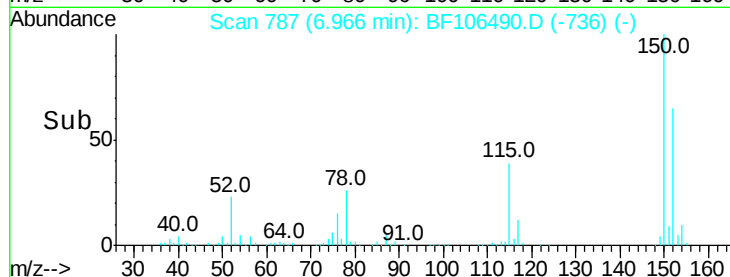
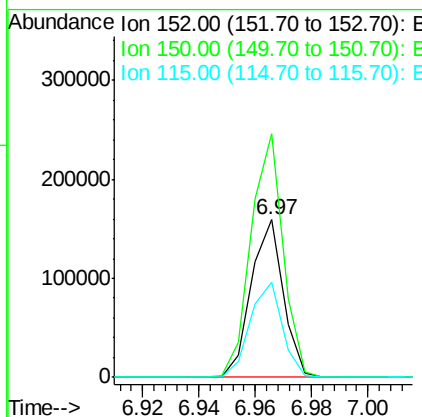
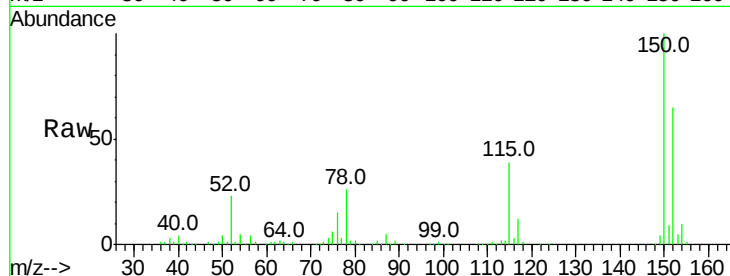
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Instrument :
BNA_F
ClientSampleId :
TP-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	60.1	50.1	75.1

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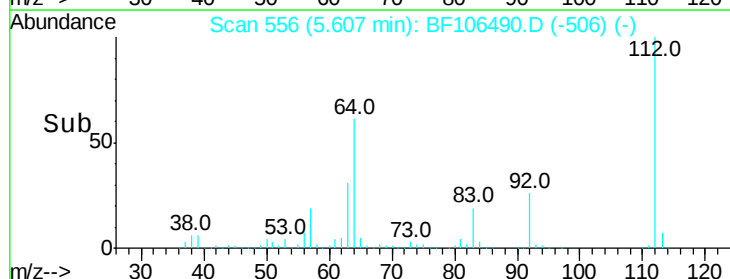
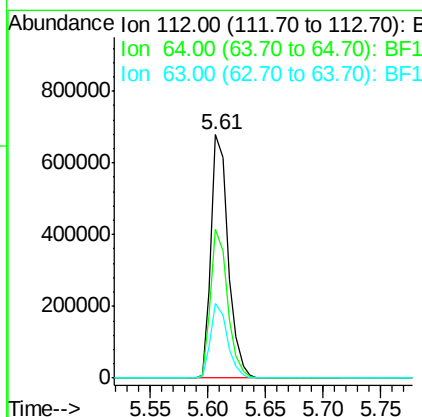
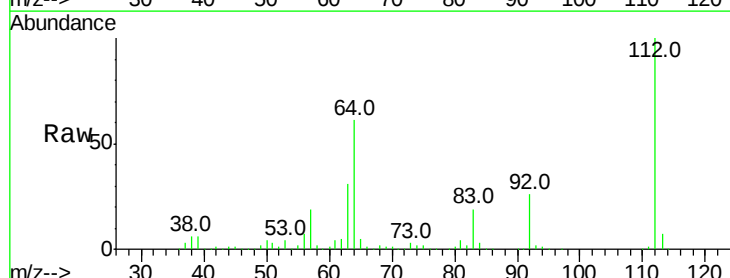
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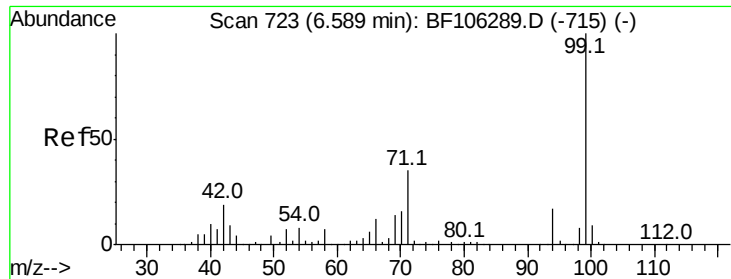


#5

2-Fluorophenol
Concen: 94.183 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	47.9	71.9
63	30.9	23.7	35.5





#7

Phenol-d6

Concen: 90.599 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106490.D

Acq: 15 Jun 2018 14:34

Instrument :

BNA_F

ClientSampleId :

TP-D-S

Tot Ion: 99 Resp: 850788

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

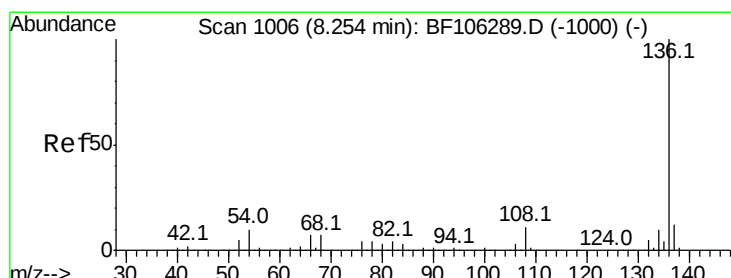
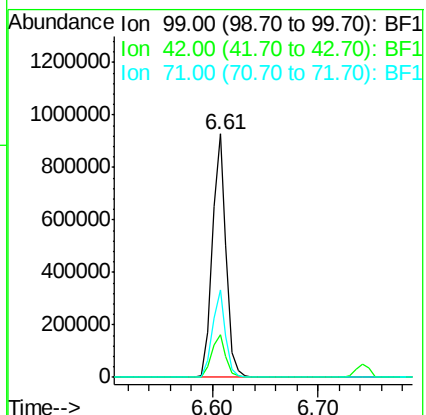
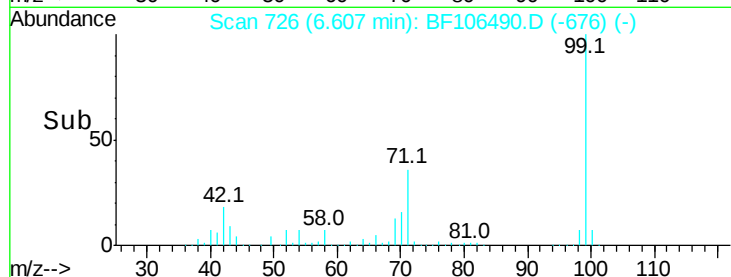
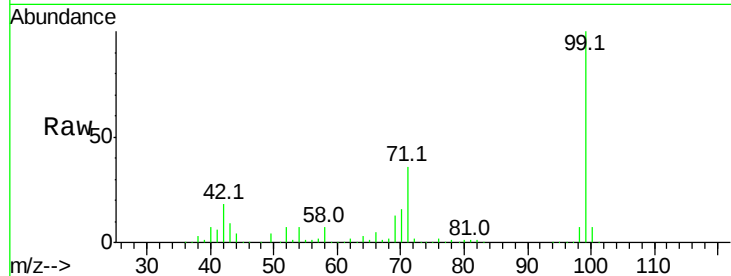
71 35.8 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106490.D

Acq: 15 Jun 2018 14:34

Tgt Ion: 136 Resp: 468298

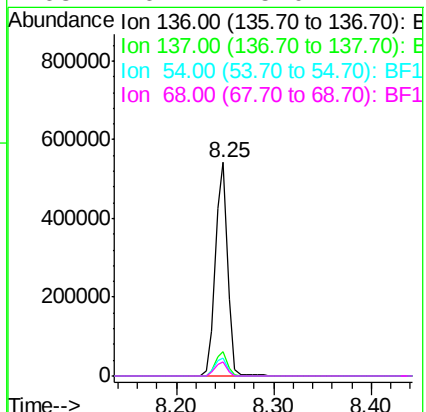
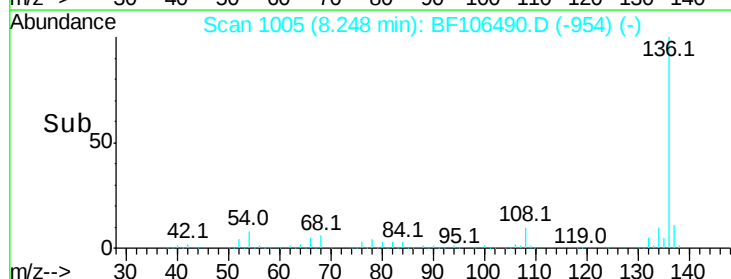
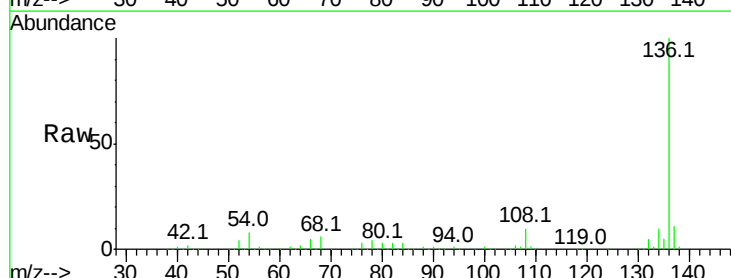
Ion Ratio Lower Upper

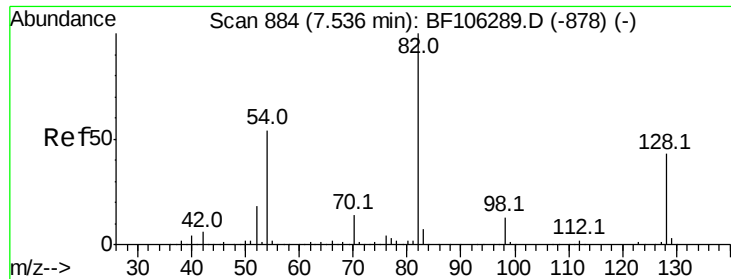
136 100

137 11.2 8.9 13.3

54 8.2 6.6 9.8

68 6.4 5.0 7.4





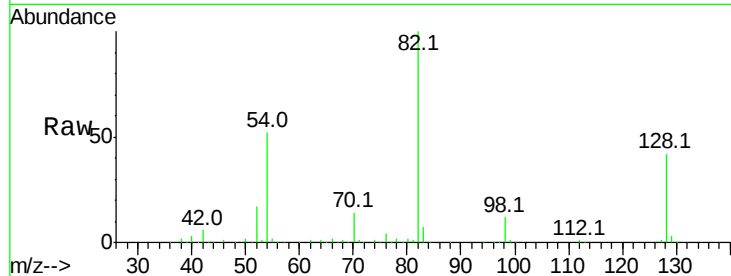
#23
Nitrobenzene-d5
Concen: 71.408 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Instrument :
BNA_F
ClientSampled :
TP-D-S

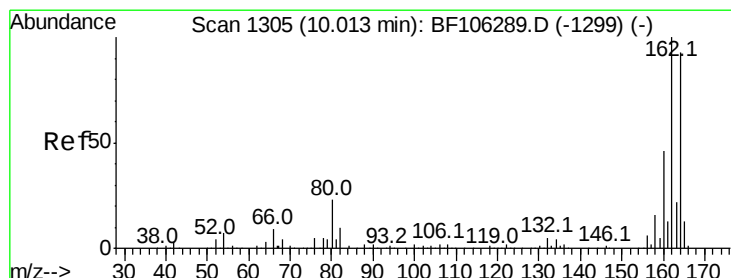
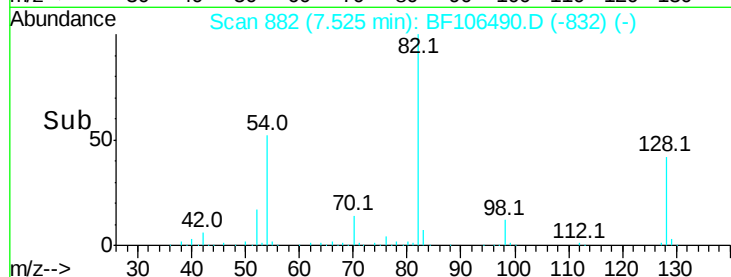
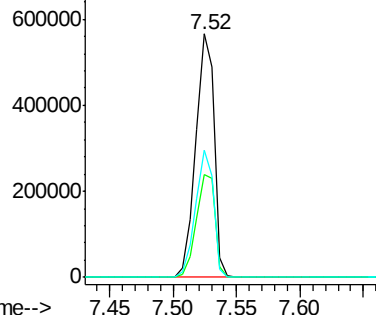
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.2	36.1	54.1	
54	52.2	41.4	62.2	

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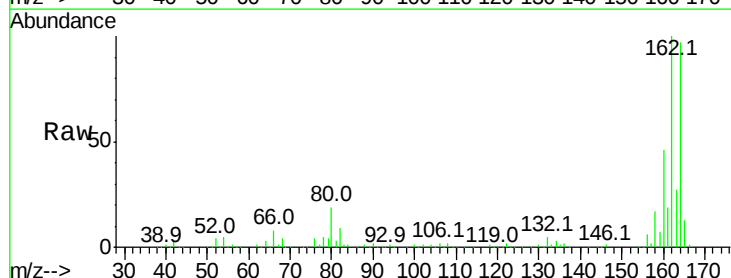


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

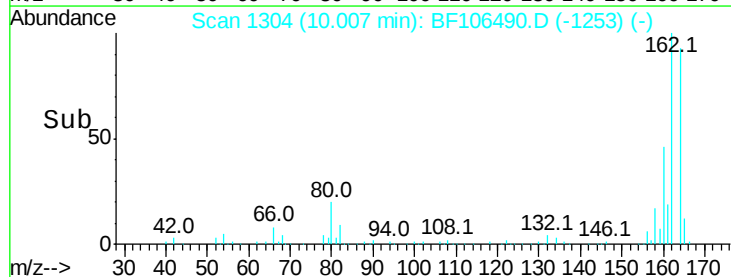
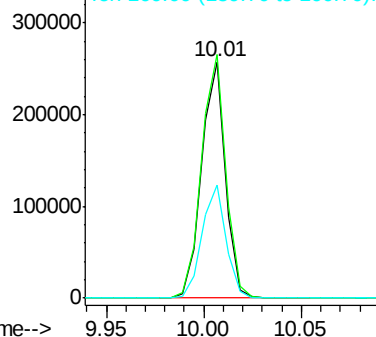


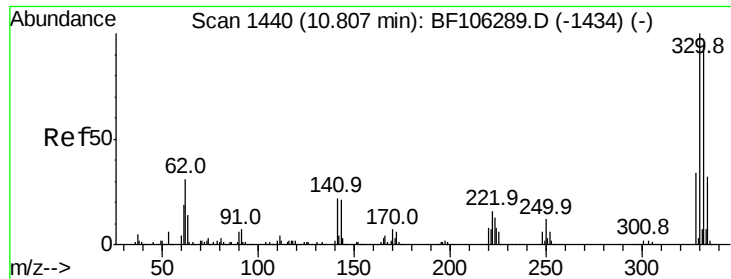
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	86.1	129.1	
160	47.6	38.3	57.5	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





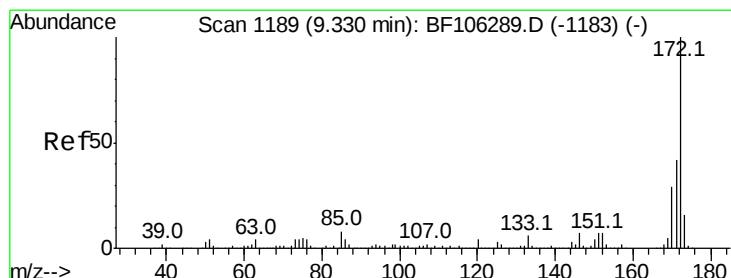
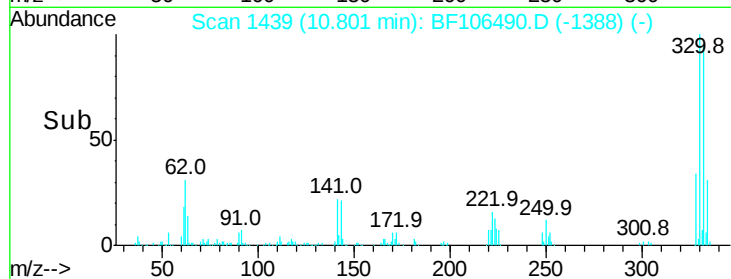
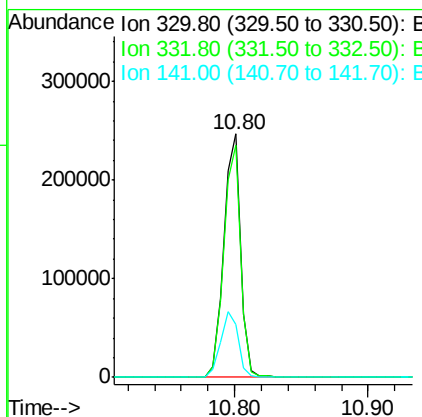
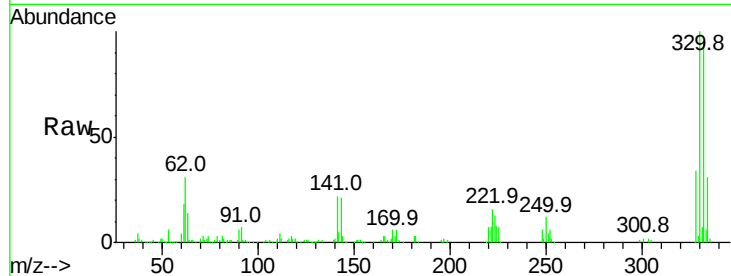
#41
 2,4,6-Tribromophenol
 Concen: 106.395 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106490.D
 Acq: 15 Jun 2018 14:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-D-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	221008		
332	95.9	77.0	115.6	
141	28.8	29.9	44.9#	

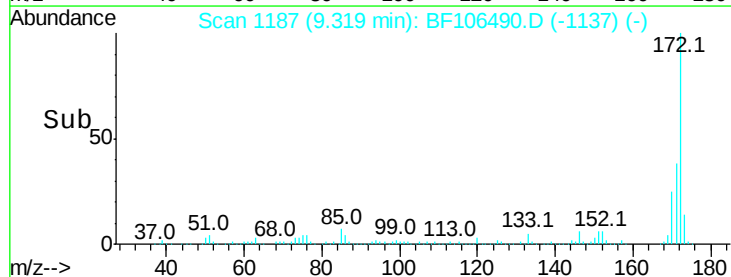
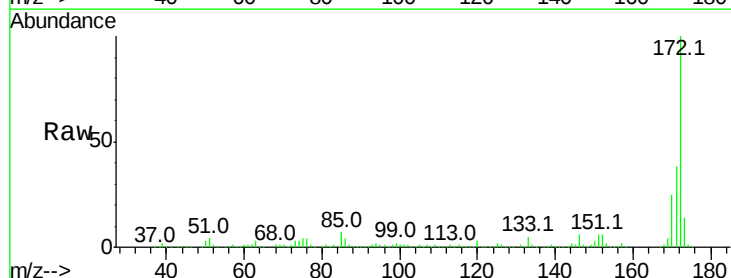
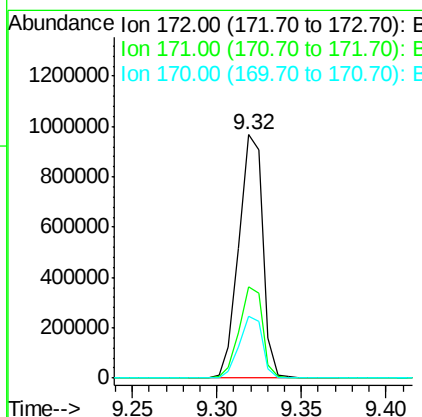
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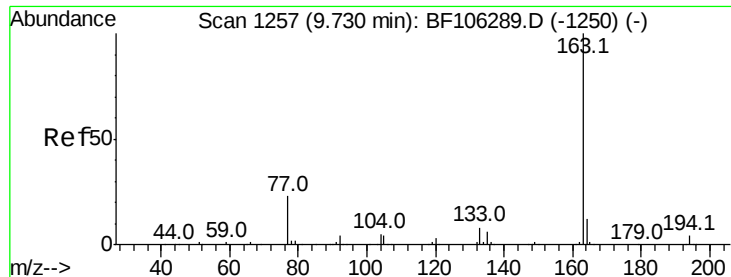
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#44
 2-Fluorobiphenyl
 Concen: 76.245 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106490.D
 Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	958226		
171	37.7	29.7	44.5	
170	25.3	19.6	29.4	





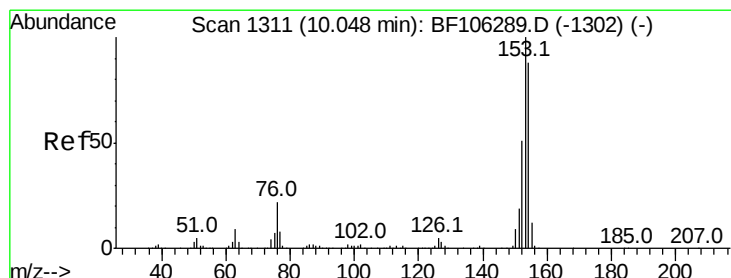
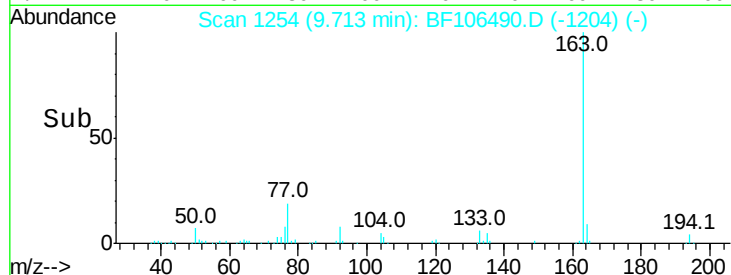
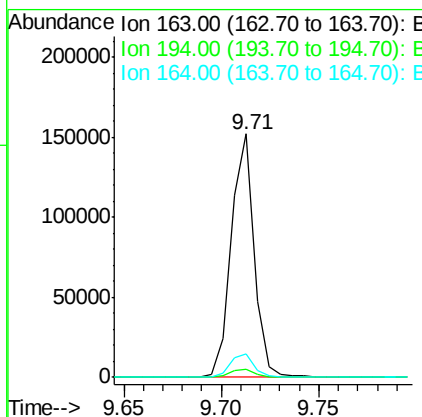
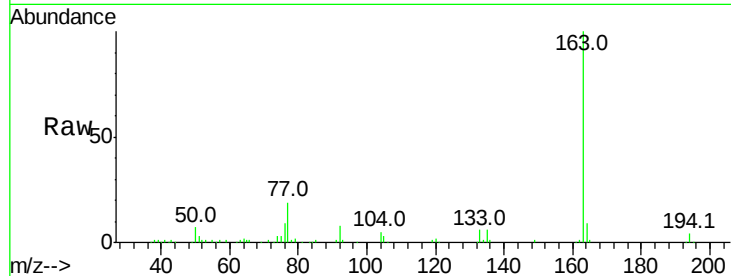
#49
Dimethylphthalate
Concen: 7.998 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Instrument :
BNA_F
ClientSampleId :
TP-D-S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	123364		
194	3.6	2.7	4.1	
164	9.5	8.2	12.2	

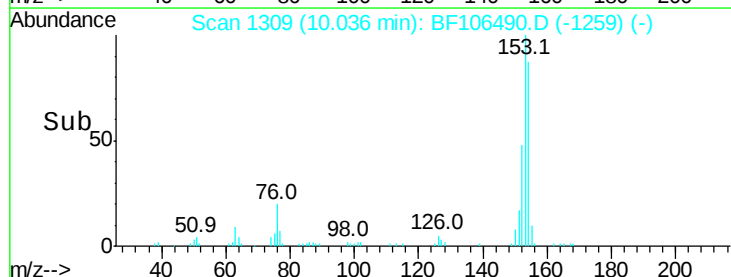
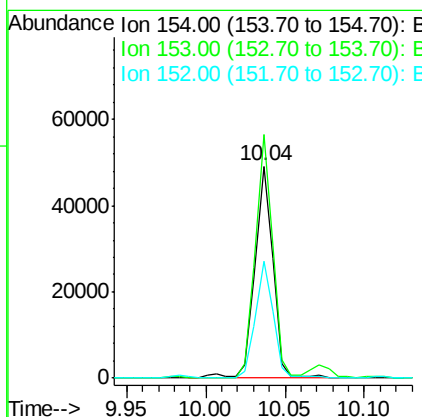
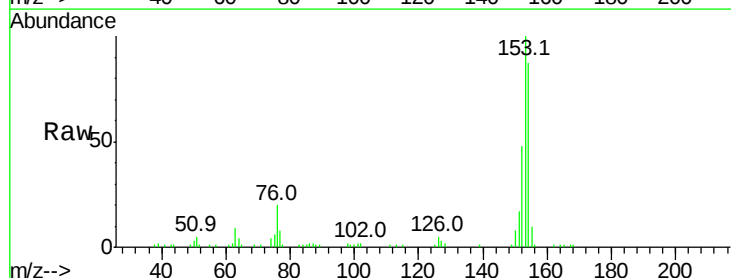
Manual Integrations
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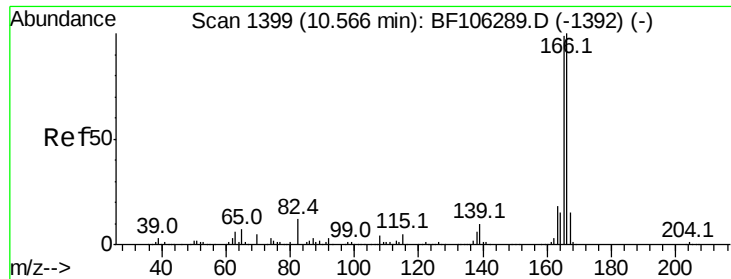
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#51
Acenaphthene
Concen: 2.952 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	39044		
153	115.0	91.2	136.8	
152	55.3	43.8	65.8	





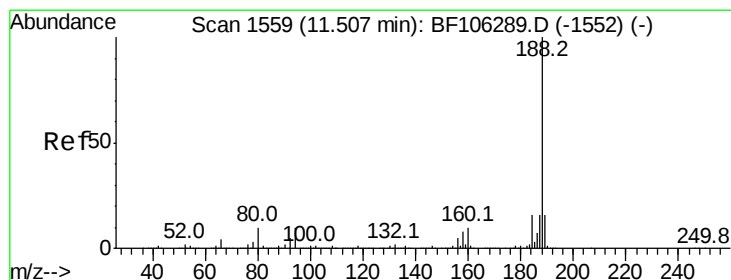
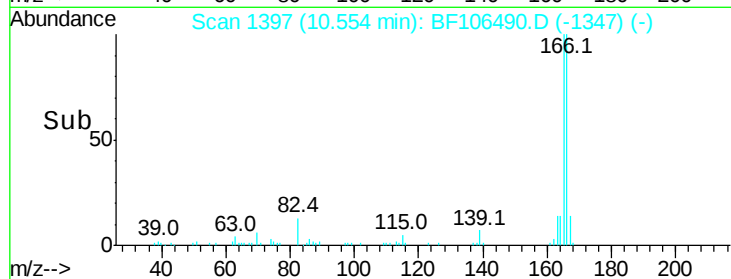
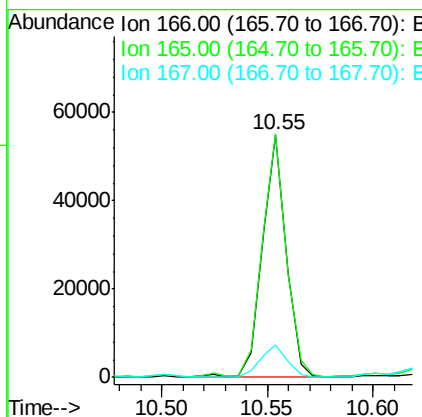
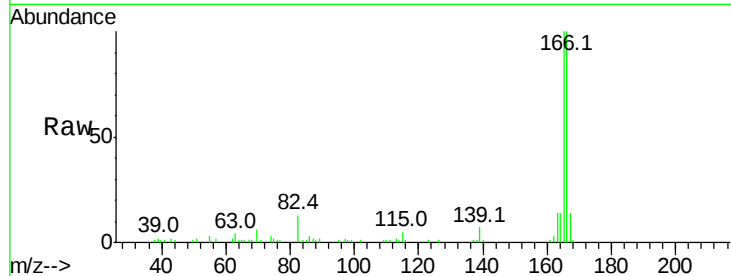
#57
Fluorene
 Concen: 3.048 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106490.D
 Acq: 15 Jun 2018 14:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-D-S

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	79.8	119.8	
167	13.6	10.6	16.0	

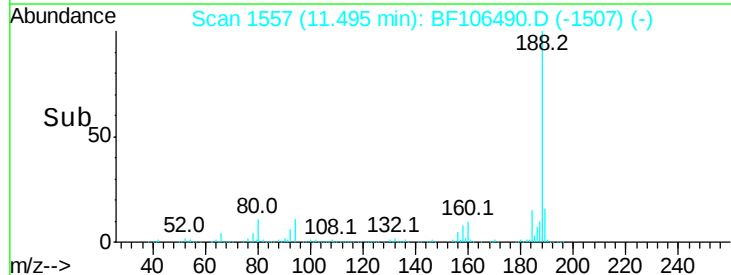
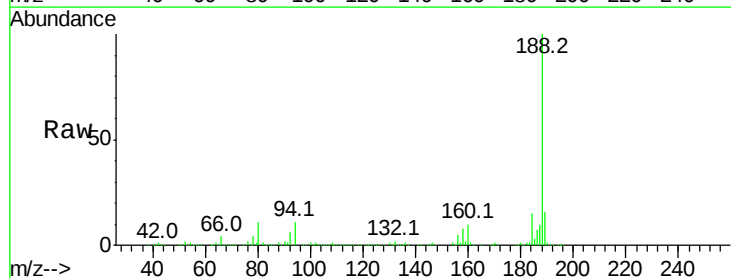
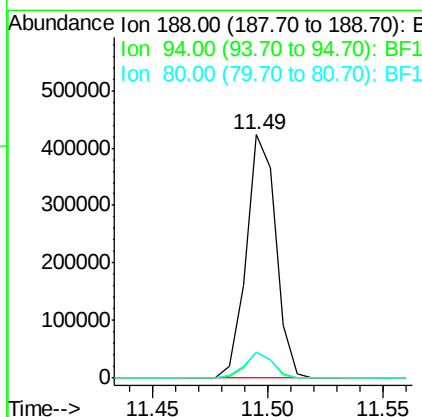
Manual Integrations
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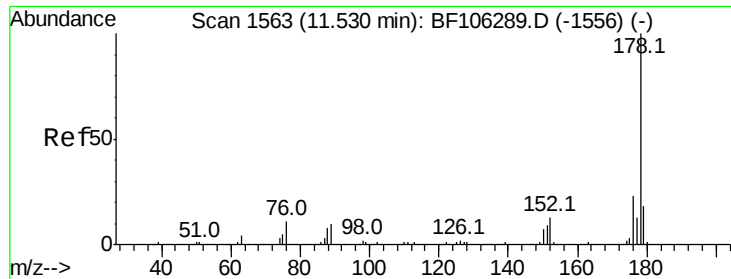
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106490.D
 Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	8.5	12.7	
80	10.7	9.2	13.8	





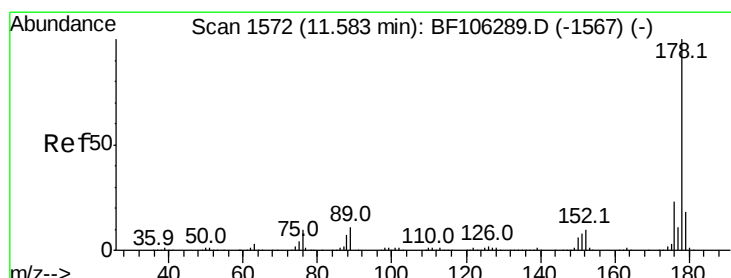
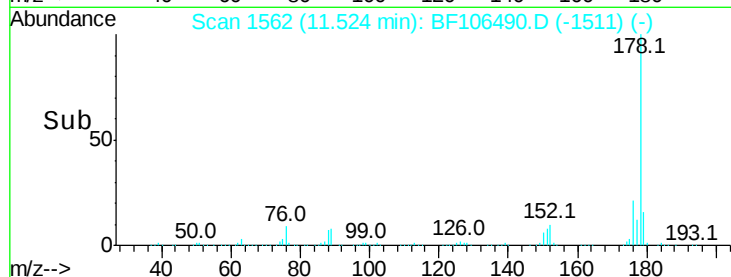
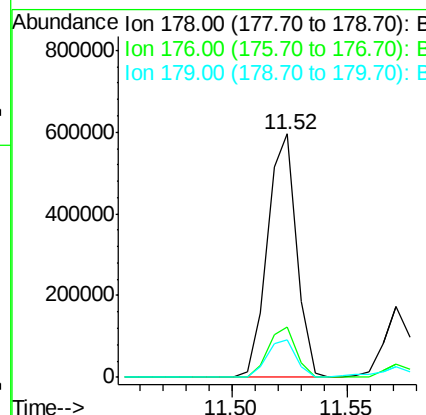
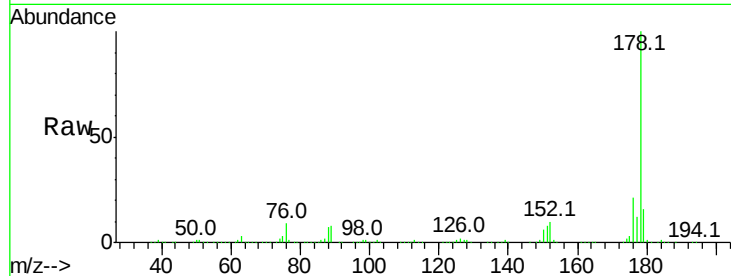
#70
Phenanthrene
Concen: 28.279 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Instrument :
BNA_F
ClientSampleId :
TP-D-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	15.7	13.0	19.6

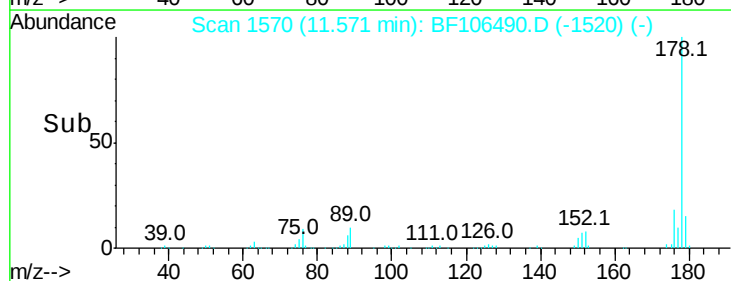
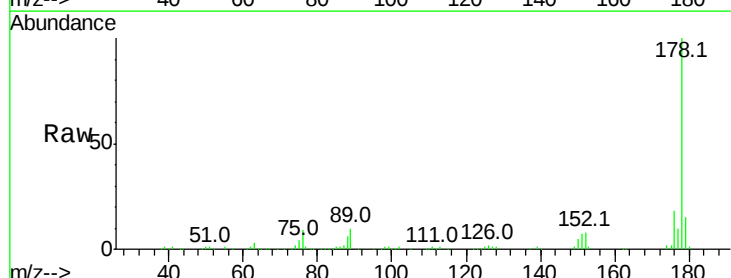
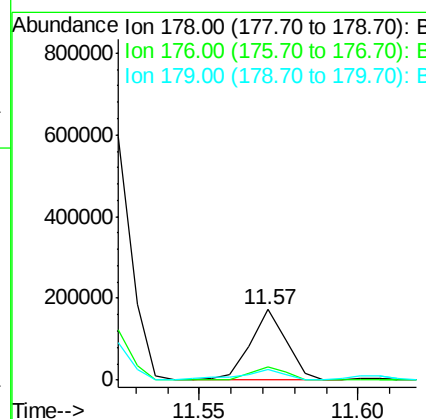
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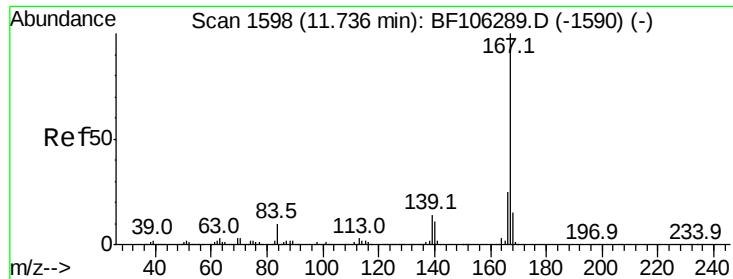
Sohil
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#71
Anthracene
Concen: 7.123 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	14.9	12.6	19.0





#72

Carbazole

Concen: 3.206 ng

RT: 11.72 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF106490.D

Acq: 15 Jun 2018 14:34

Instrument :

BNA_F

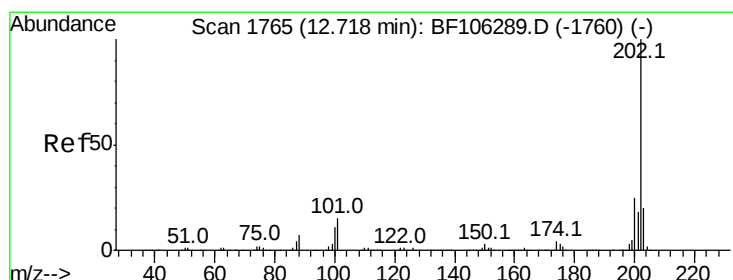
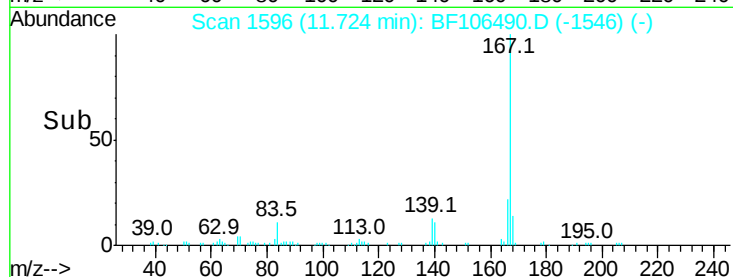
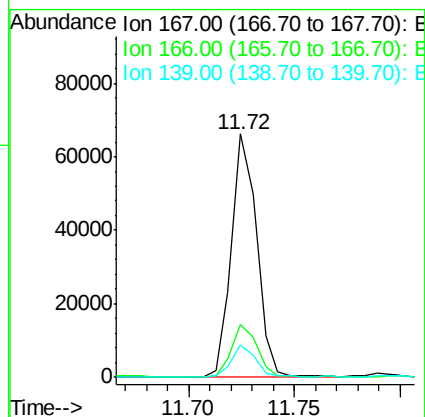
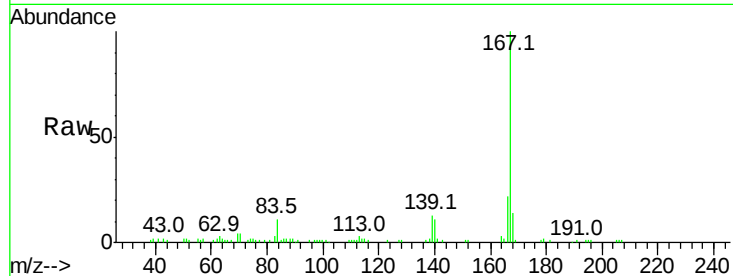
ClientSampleId :

TP-D-S

Tot Ion:	167	Resp:	54924
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.6	26.4
139	13.2	10.9	16.3

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#74

Fluoranthene

Concen: 37.807 ng

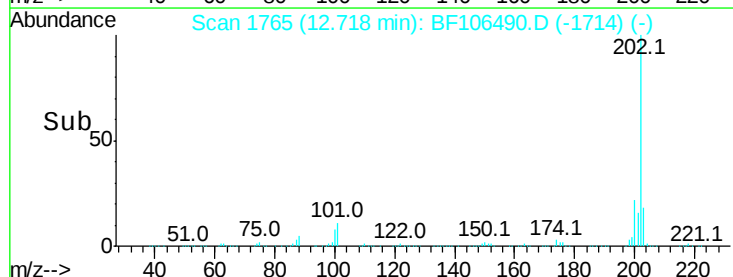
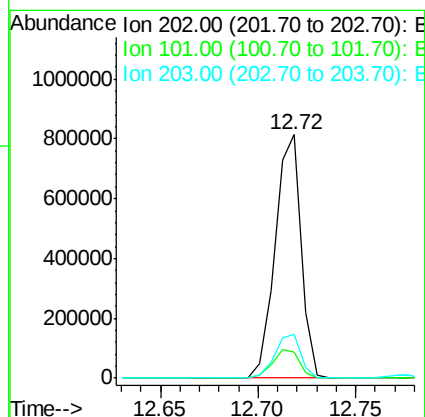
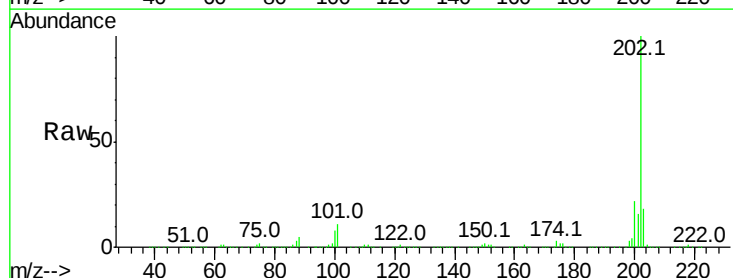
RT: 12.72 min Scan# 1765

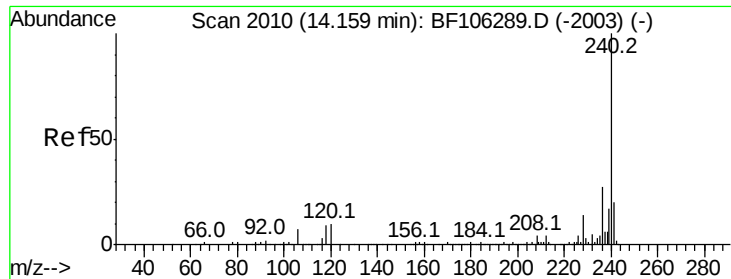
Delta R.T. 0.00 min

Lab File: BF106490.D

Acq: 15 Jun 2018 14:34

Tgt Ion:	202	Resp:	746844
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106490.D

Acq: 15 Jun 2018 14:34

Instrument :

BNA_F

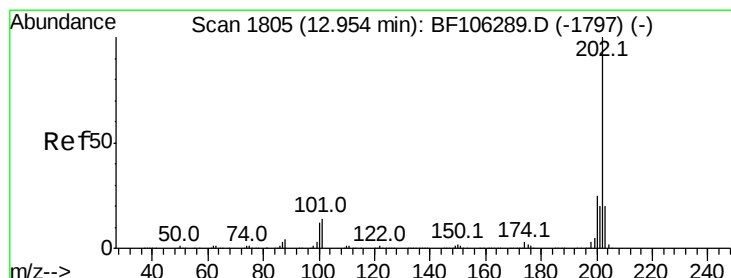
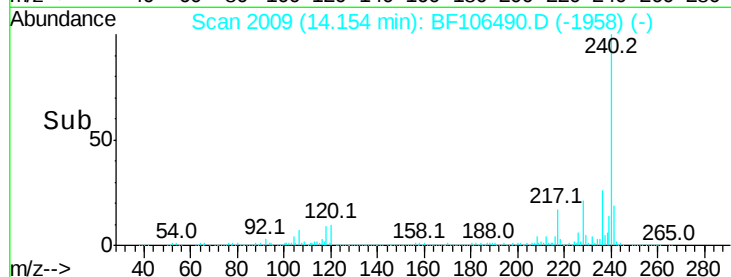
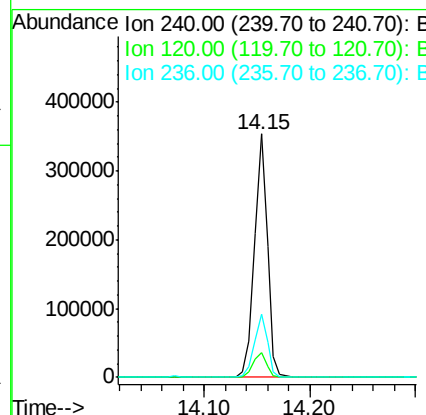
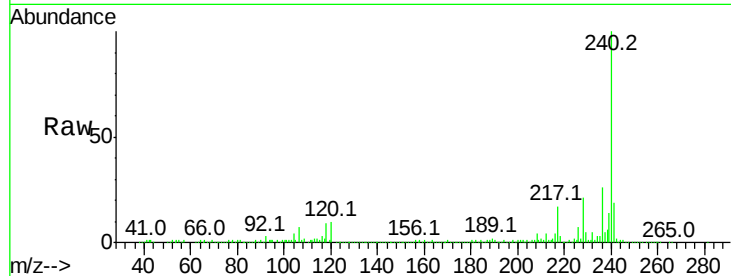
ClientSampleId :

TP-D-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 34.752 ng

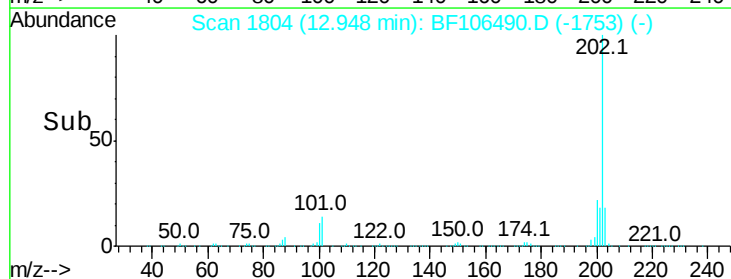
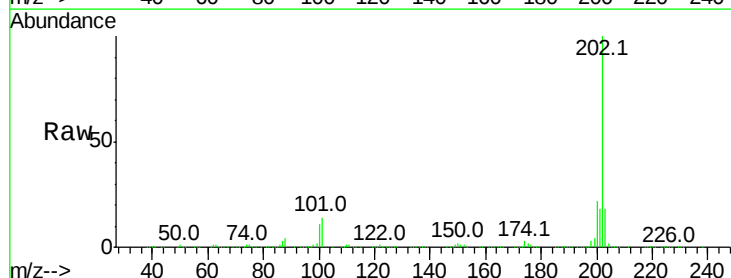
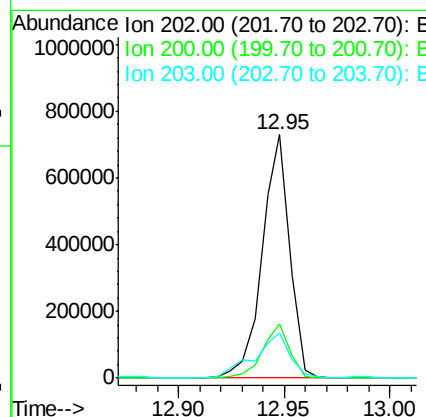
RT: 12.95 min Scan# 1804

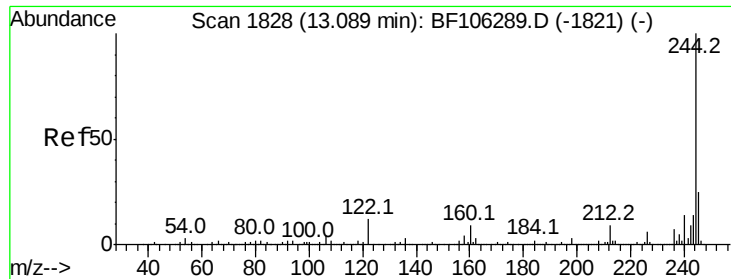
Delta R.T. 0.00 min

Lab File: BF106490.D

Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.4	14.3	21.5





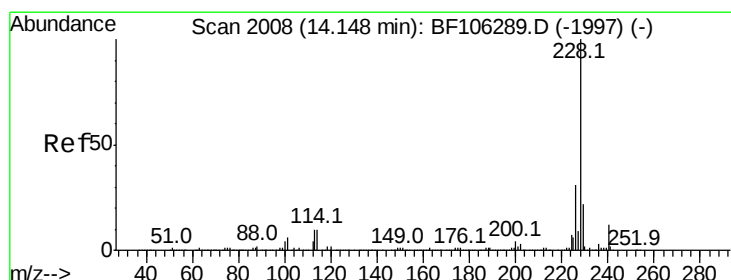
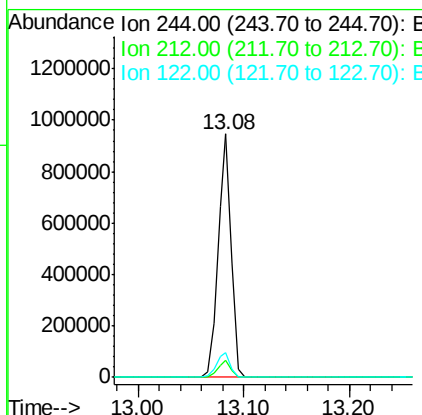
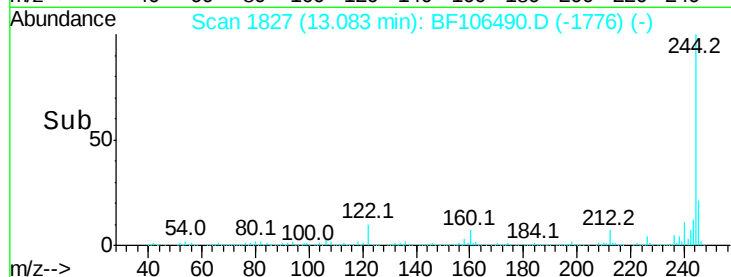
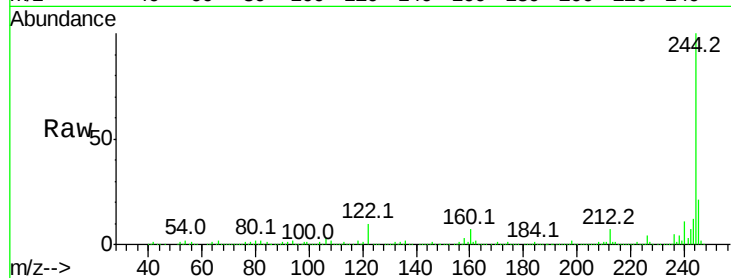
#78
 Terphenyl-d14
 Concen: 67.333 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106490.D
 Acq: 15 Jun 2018 14:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-D-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.2	11.0	16.4

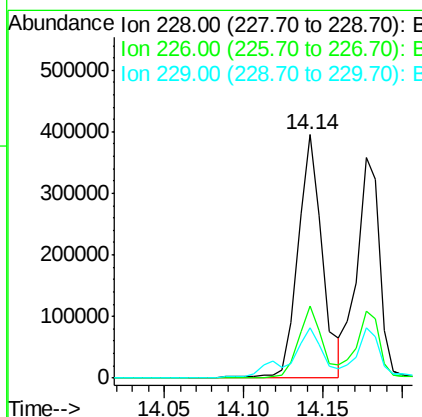
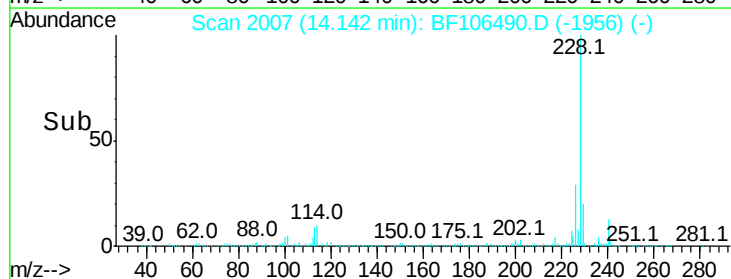
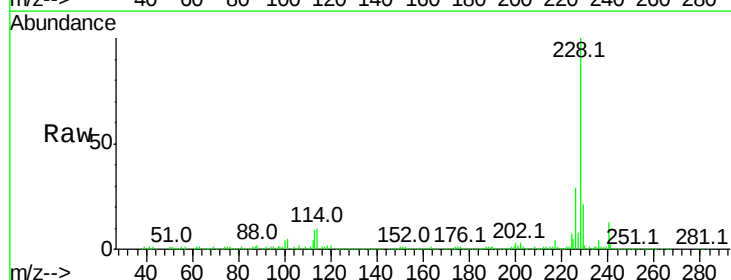
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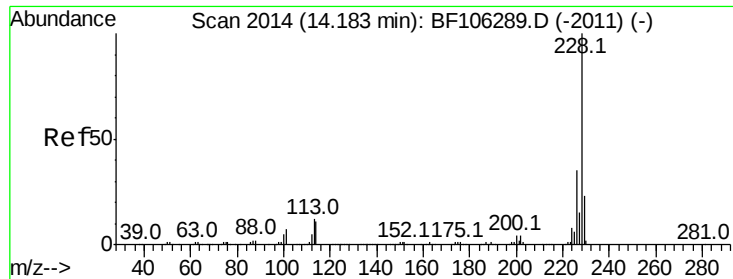
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#80
 Benzo(a)anthracene
 Concen: 23.122 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF106490.D
 Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.9	15.8	23.6





#82

Chrysene

Concen: 21.801 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF106490.D

Acq: 15 Jun 2018 14:34

Instrument :

BNA_F

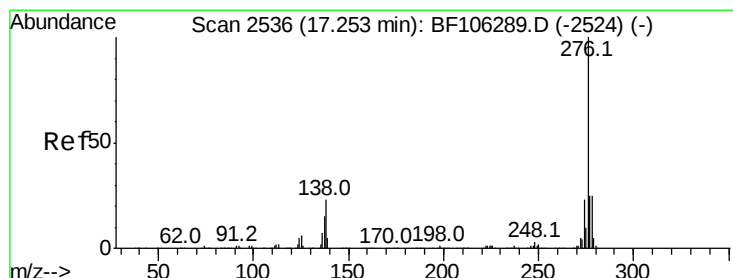
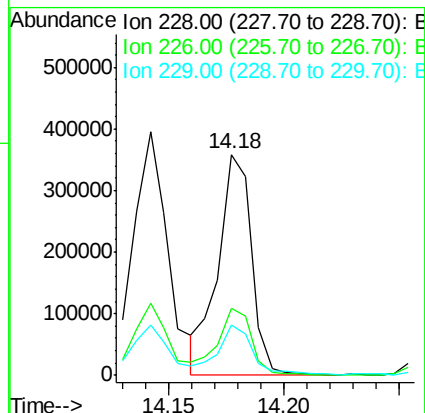
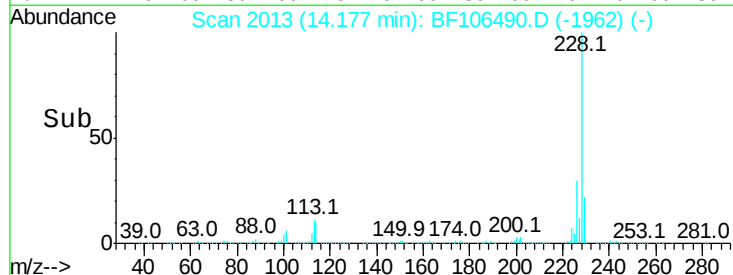
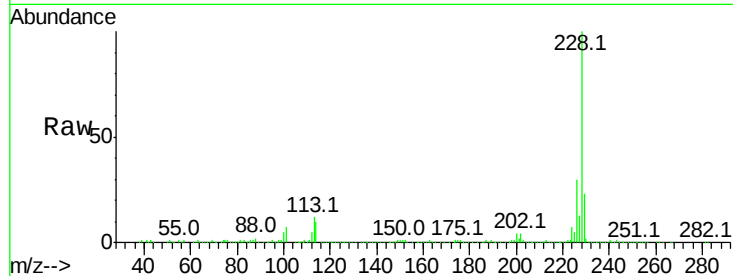
ClientSampleId :

TP-D-S

Tot Ion:	228	Resp:	359440
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	22.5	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 13.991 ng

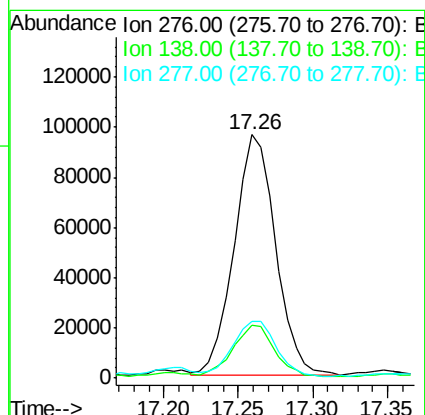
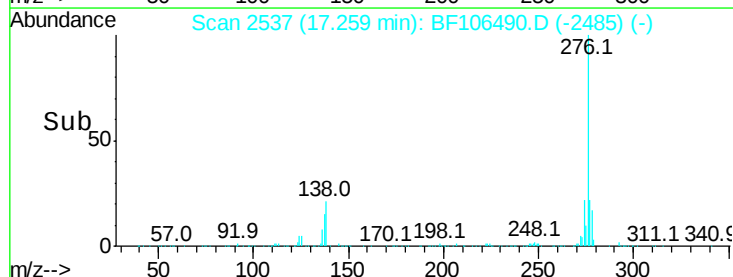
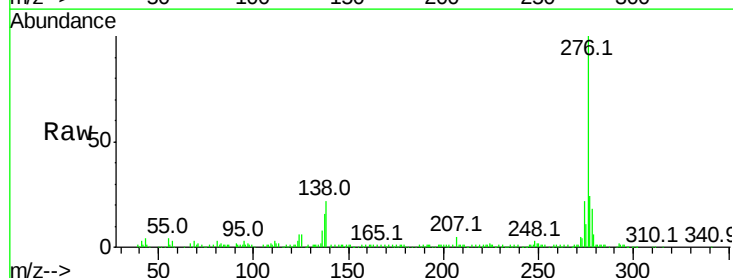
RT: 17.26 min Scan# 2537

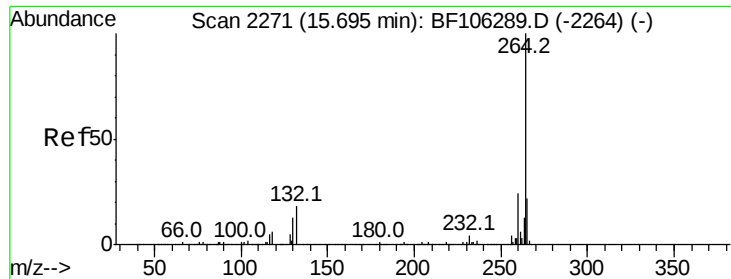
Delta R.T. 0.01 min

Lab File: BF106490.D

Acq: 15 Jun 2018 14:34

Tgt Ion:	276	Resp:	184092
Ion Ratio	Lower	Upper	
276	100		
138	21.4	25.0	37.6#
277	23.9	20.1	30.1





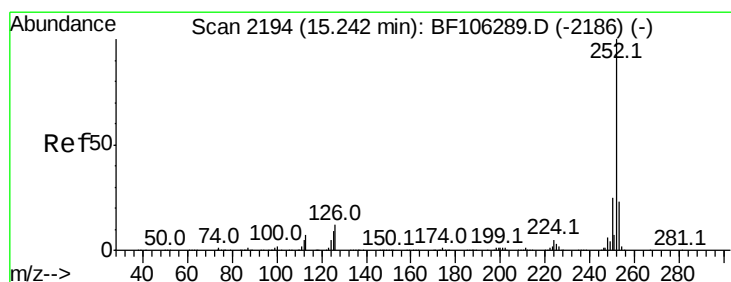
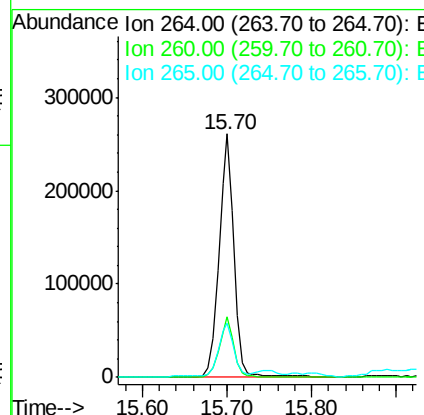
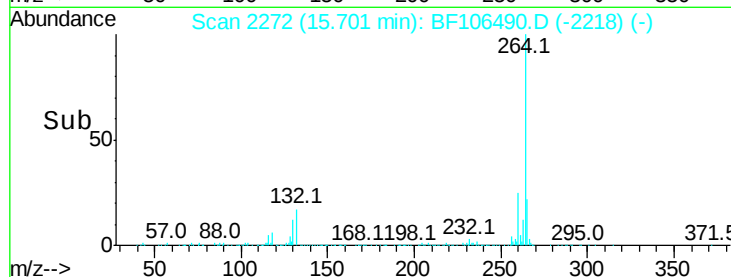
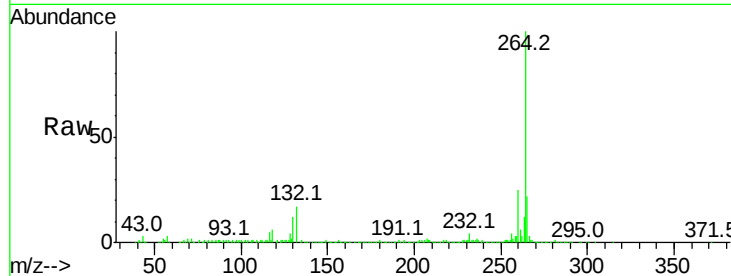
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Instrument :
BNA_F
ClientSampleId :
TP-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.3	17.5	26.3

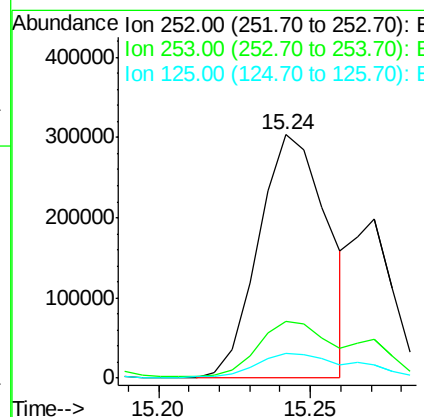
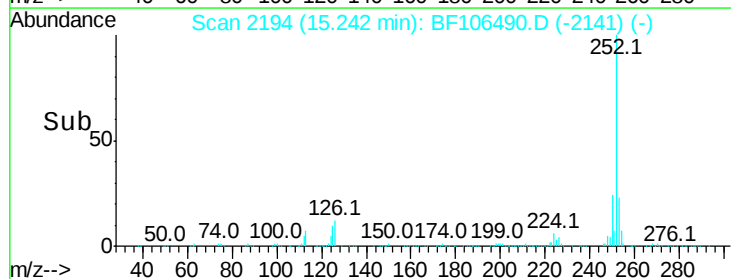
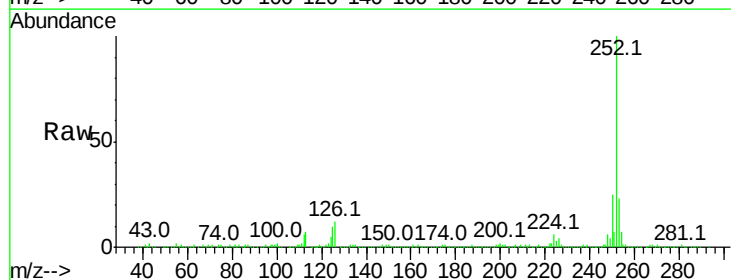
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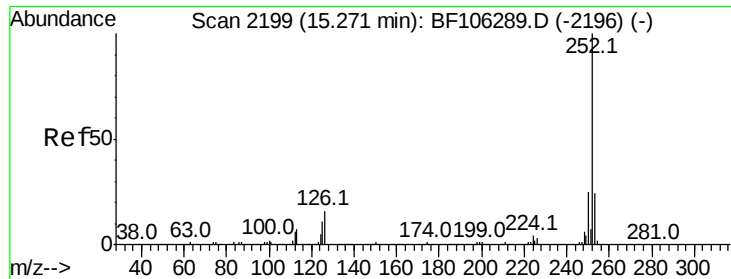
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#87
Benzo(b)fluoranthene
Concen: 24.292 ng m
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	10.3	9.0	13.6





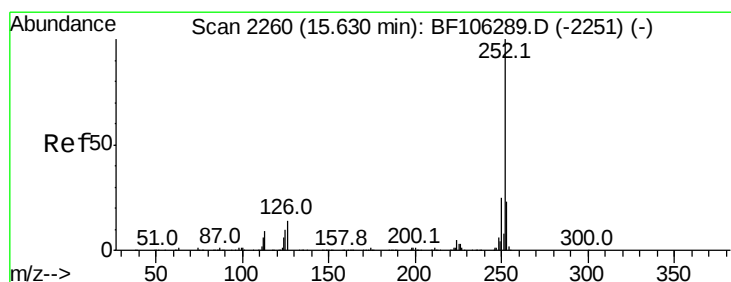
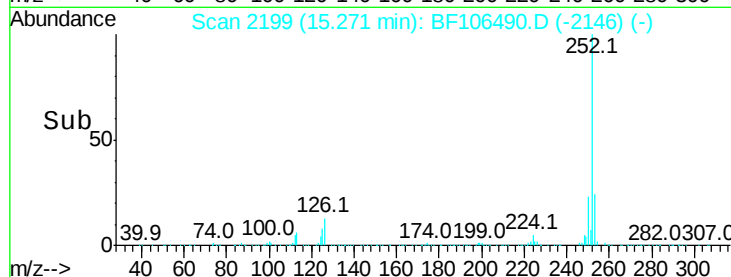
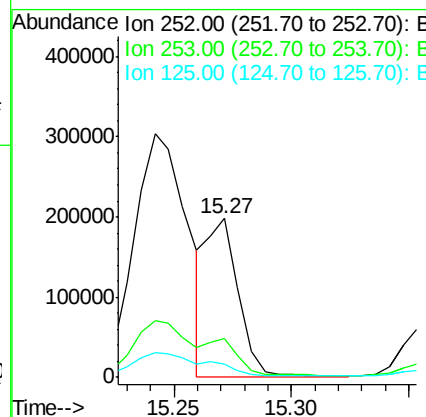
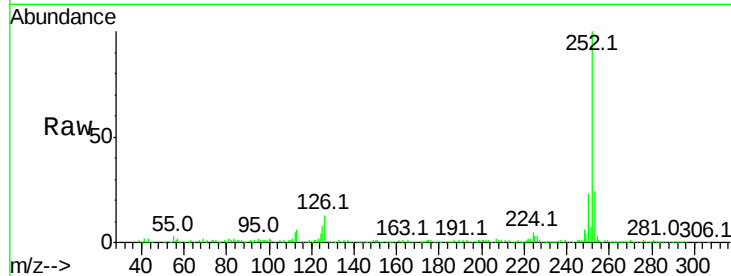
#88
Benzo(k)fluoranthene
Concen: 9.926 ng m
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Instrument :
BNA_F
ClientSampleId :
TP-D-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	8.5	10.2	15.2#

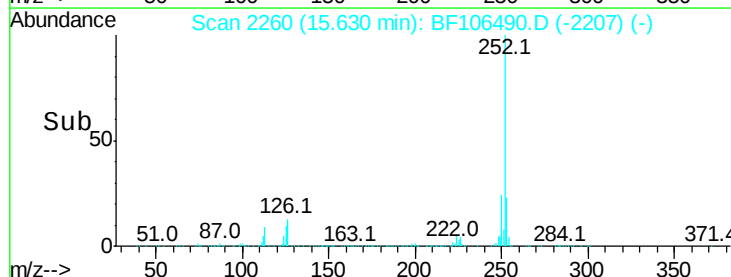
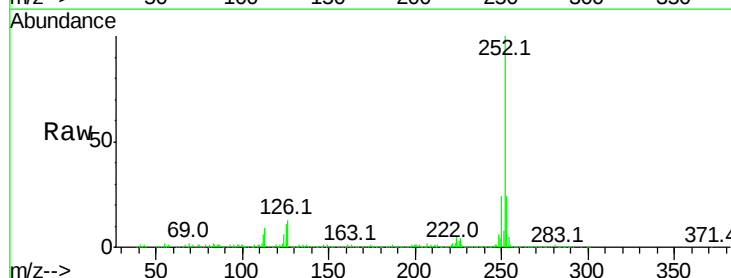
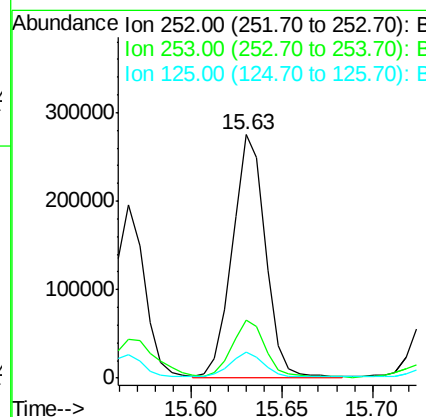
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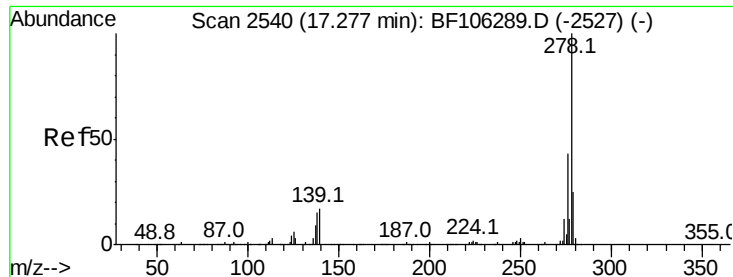
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#89
Benzo(a)pyrene
Concen: 19.647 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	10.9	9.8	14.6





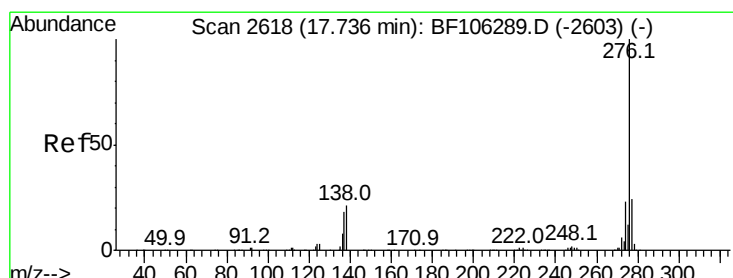
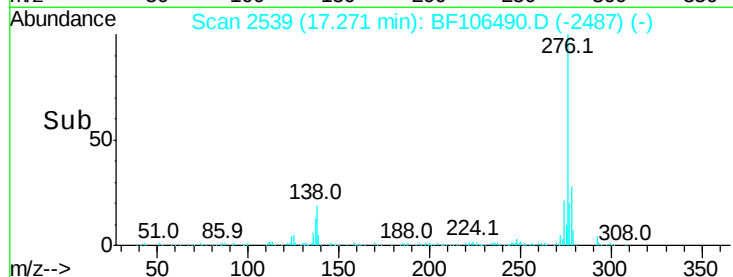
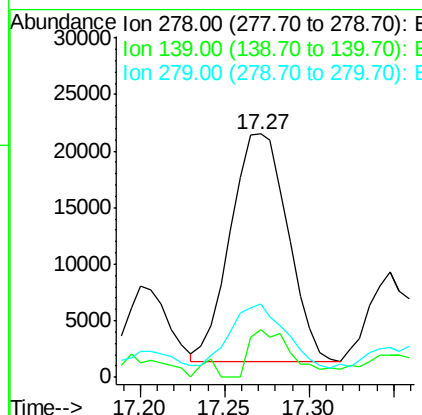
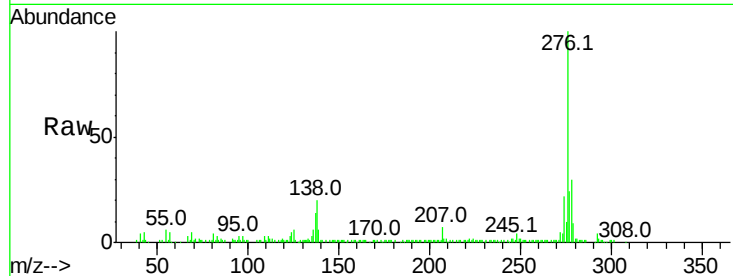
#90
Dibenzo(a,h)anthracene
Concen: 3.239 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Instrument :
BNA_F
ClientSampleId :
TP-D-S

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	30.3	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 11.857 ng
RT: 17.74 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF106490.D
Acq: 15 Jun 2018 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	21.1	21.8	32.8

