

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106510.D
 Acq On : 15 Jun 2018 23:24
 Operator : JU/SJ
 Sample : J3486-07 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-10

Manual Integrations
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 6/18/2018 12:24:15 PM

Quant Time: Jun 18 10:23:31 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	110428	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	396595	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	177692	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	347184	20.00	ng	0.00
75) Chrysene-d12	14.15	240	302379	20.00	ng	0.00
86) Perylene-d12	15.69	264	235226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	298315	45.72	ng	0.00
7) Phenol-d6	6.61	99	363924	44.15	ng	0.00
23) Nitrobenzene-d5	7.52	82	217538	32.27	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	86504	50.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	388580	28.90	ng	0.00
78) Terphenyl-d14	13.08	244	432751	35.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	42436	3.343	ng	Qvalue # 98
57) Fluorene	10.55	166	26939	2.319	ng	99
70) Phenanthrene	11.52	178	429340	25.251	ng	99
71) Anthracene	11.57	178	125897	7.391	ng	99
72) Carbazole	11.73	167	41324	2.628	ng	99
74) Fluoranthene	12.72	202	893949	49.300	ng	98
77) Pyrene	12.95	202	810122	42.794	ng	98
80) Benzo(a)anthracene	14.14	228	457778m	25.440	ng	
82) Chrysene	14.18	228	426445m	25.957	ng	
85) Indeno(1,2,3-cd)pyrene	17.25	276	198616	15.148	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	453714m	31.909	ng	
88) Benzo(k)fluoranthene	15.26	252	187046m	13.282	ng	
89) Benzo(a)pyrene	15.62	252	320062m	25.025	ng	
90) Dibenzo(a,h)anthracene	17.27	278	48167	4.517	ng	93
91) Benzo(a,h,i)perylene	17.73	276	195155	18.833	ng	92

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

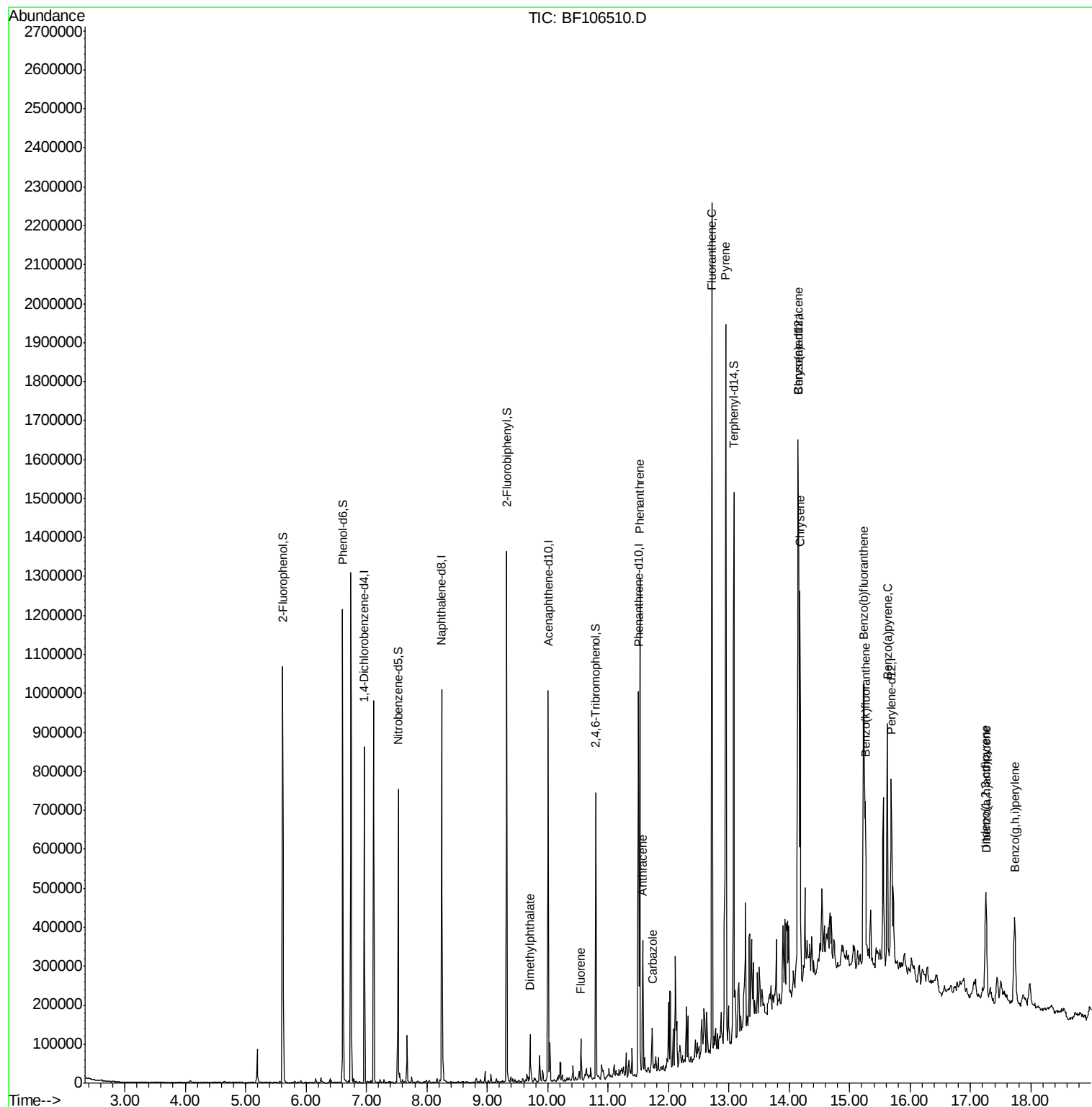
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
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ALS Vial : 25 Sample Multiplier: 1

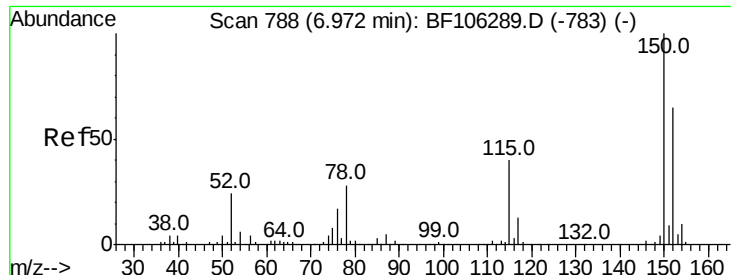
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

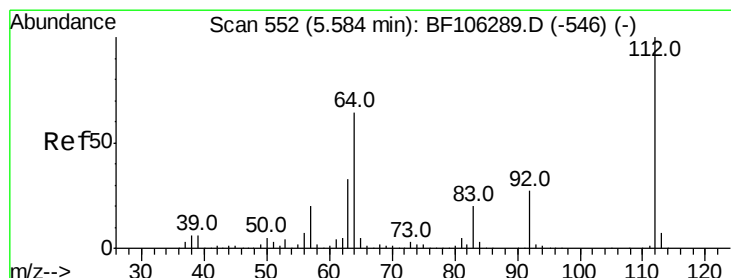
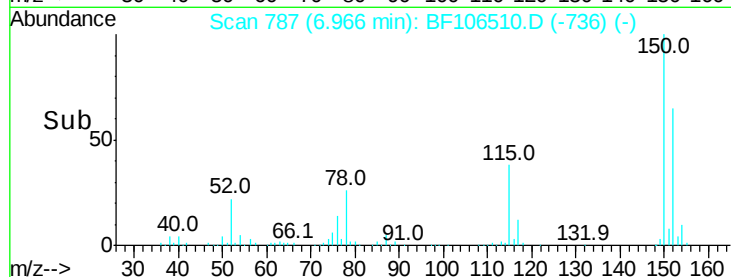
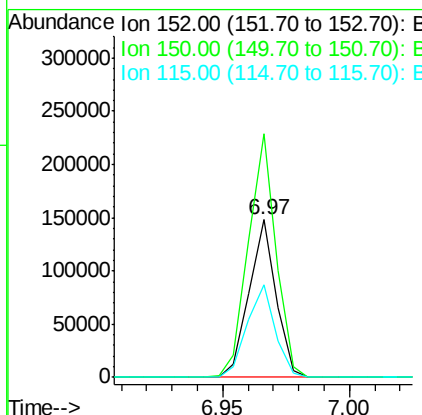
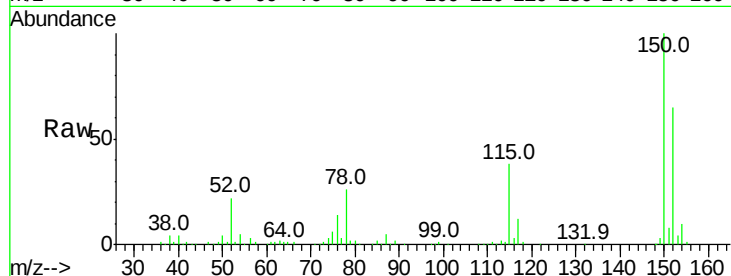
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	59.1	50.1	75.1

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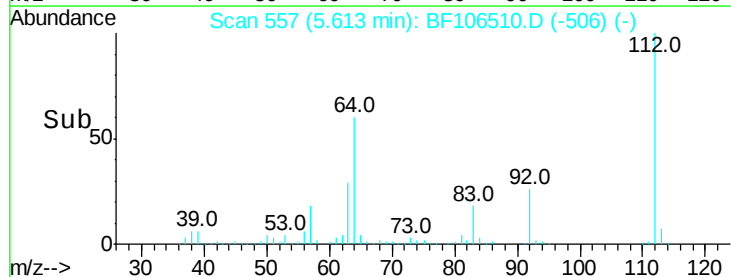
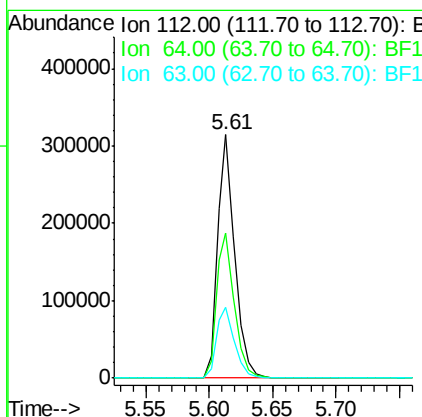
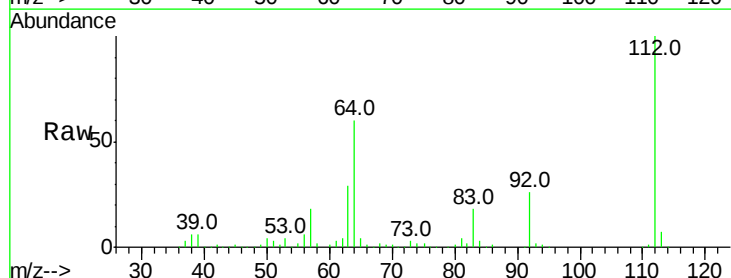
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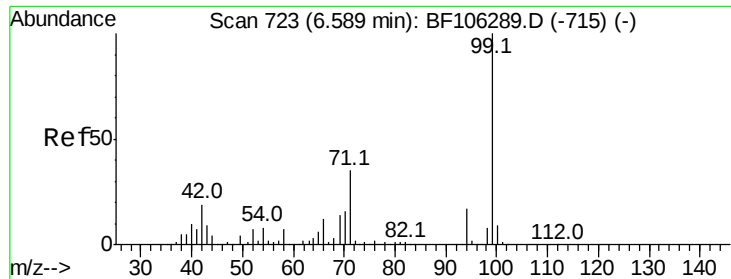


#5

2-Fluorophenol
Concen: 45.722 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 44.149 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106510.D

Acq: 15 Jun 2018 23:24

Instrument :

BNA_F

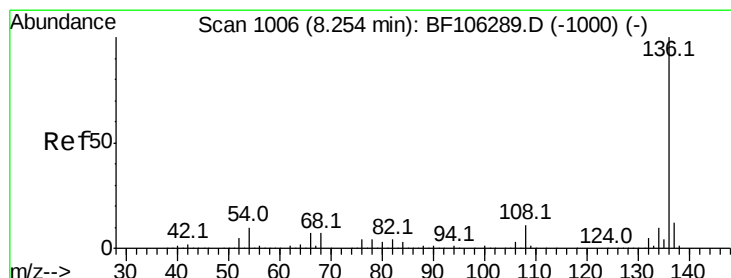
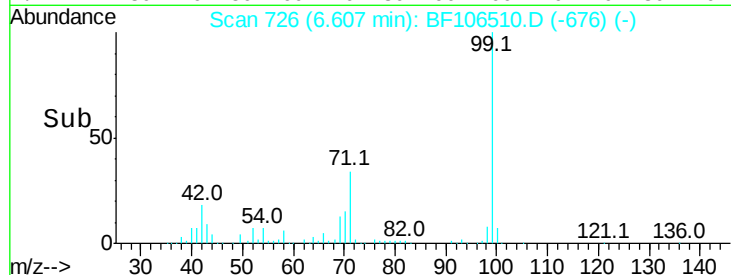
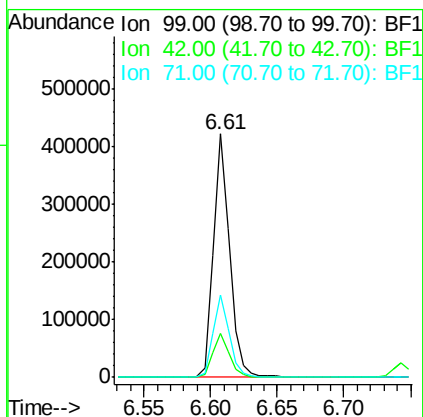
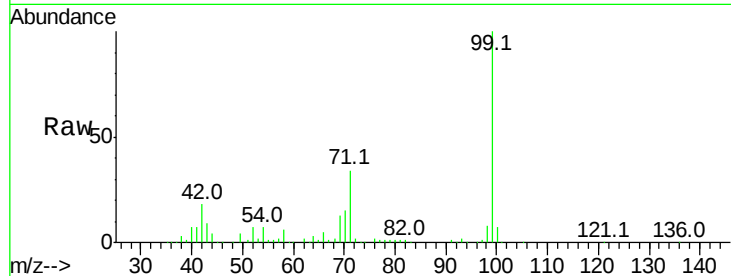
ClientSampleId :

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Tot Ion:	99	Resp:	363924
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.5	21.7
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

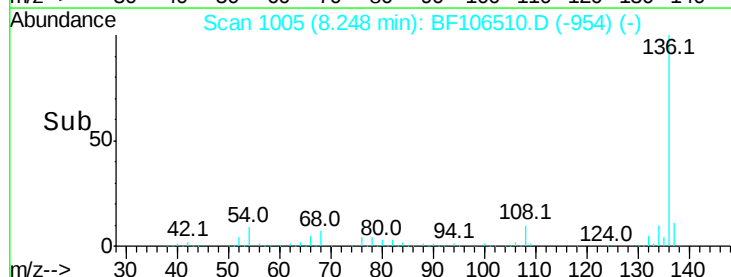
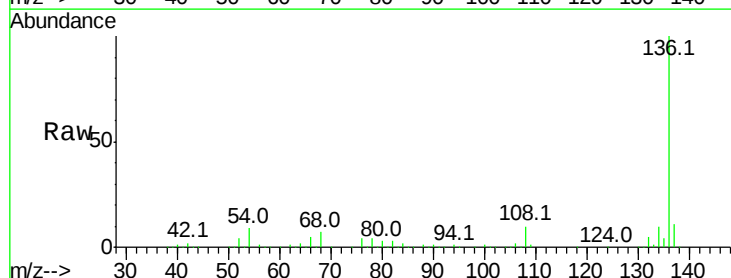
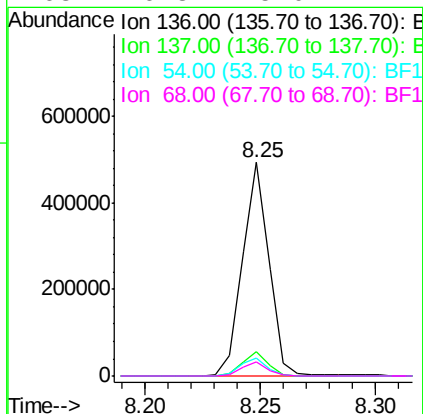
RT: 8.25 min Scan# 1005

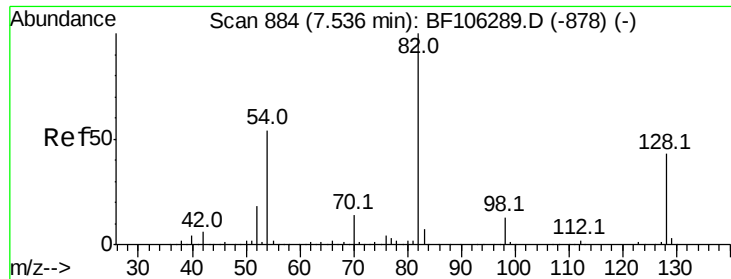
Delta R.T. 0.00 min

Lab File: BF106510.D

Acq: 15 Jun 2018 23:24

Tgt Ion:	136	Resp:	396595
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4





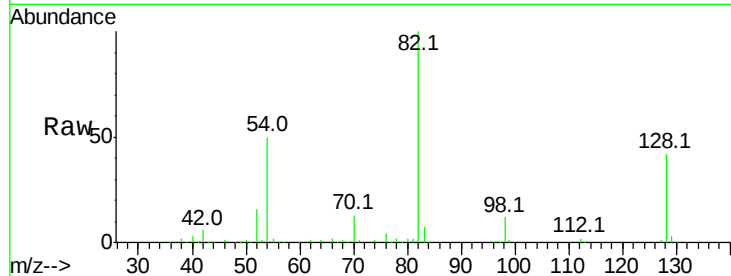
#23
Nitrobenzene-d5
Concen: 32.268 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Instrument :
BNA_F
ClientSampleId :
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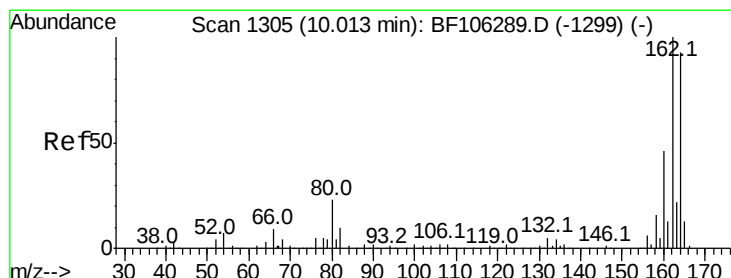
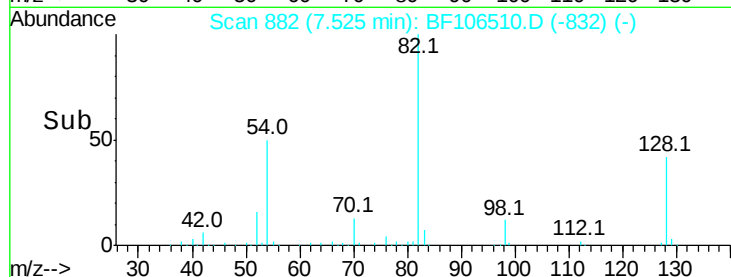
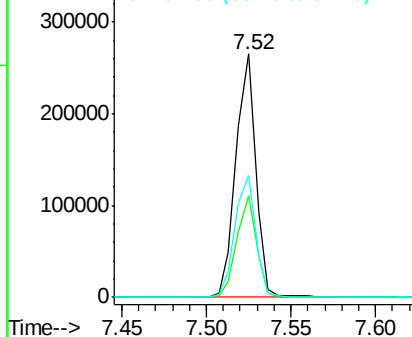
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	50.3	41.4	62.2

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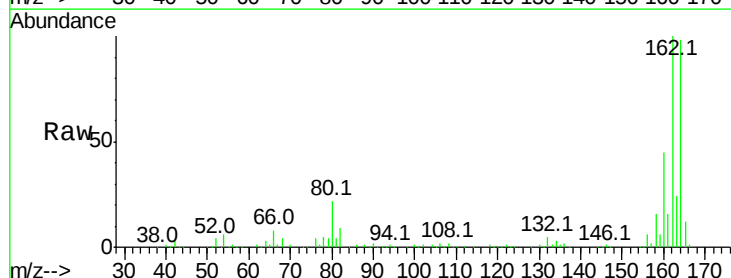


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

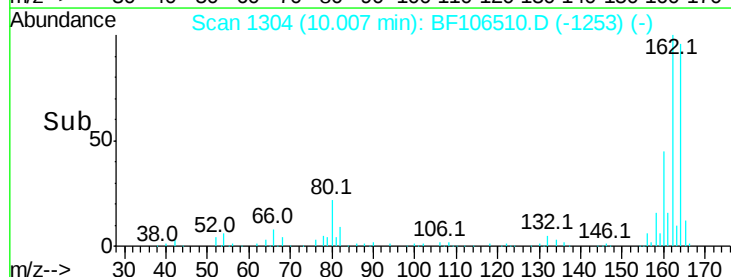
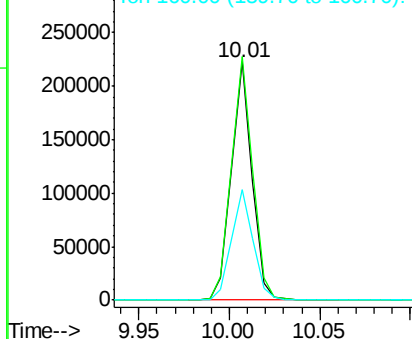


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.3	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





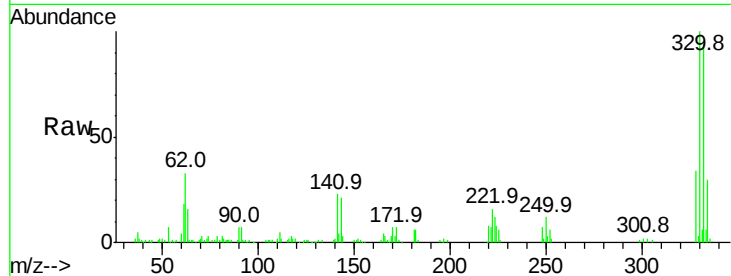
#41
 2,4,6-Tribromophenol
 Concen: 50.596 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106510.D
 Acq: 15 Jun 2018 23:24

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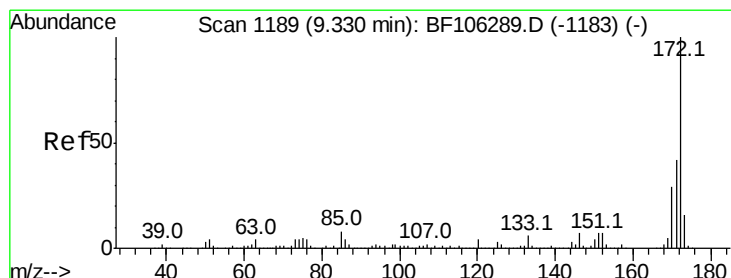
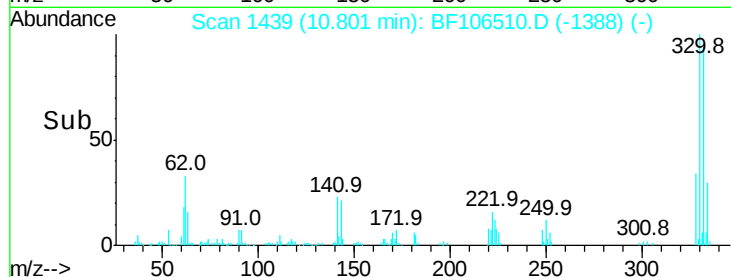
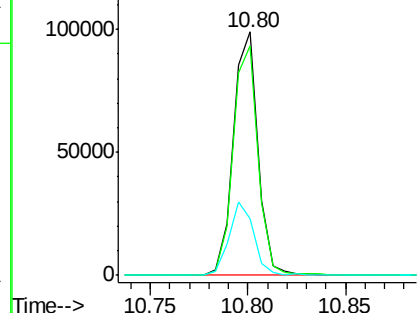
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	30.3	29.9	44.9	

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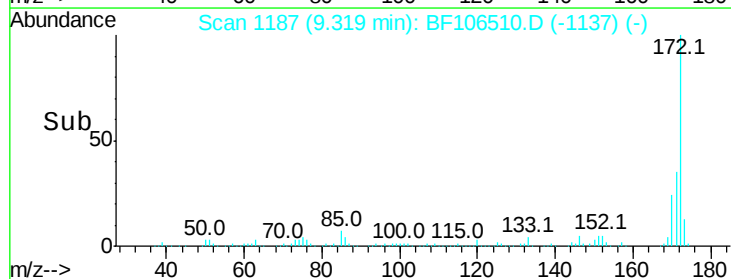
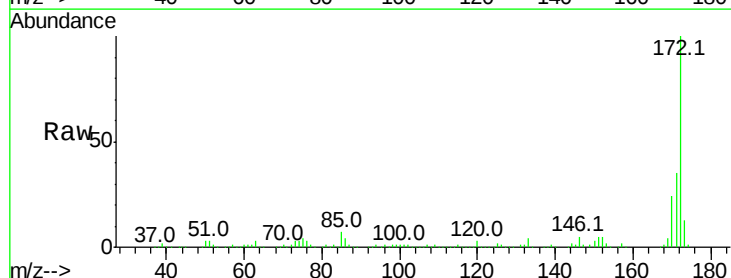
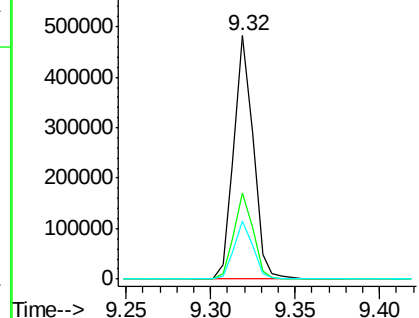
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

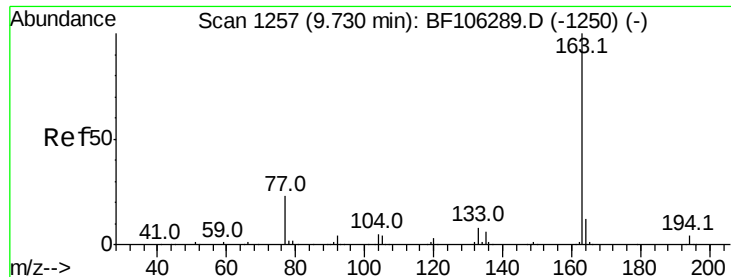


#44
 2-Fluorobiphenyl
 Concen: 28.904 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106510.D
 Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	29.7	44.5	
170	23.8	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





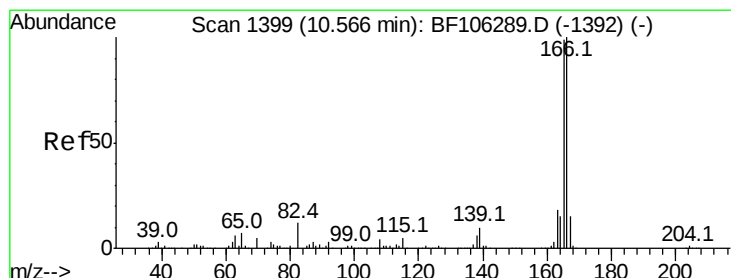
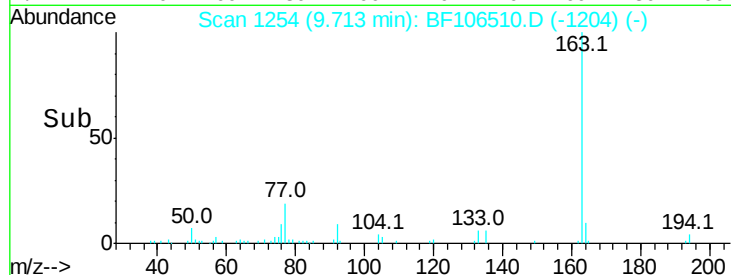
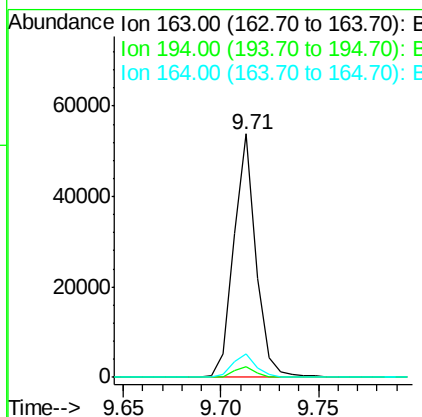
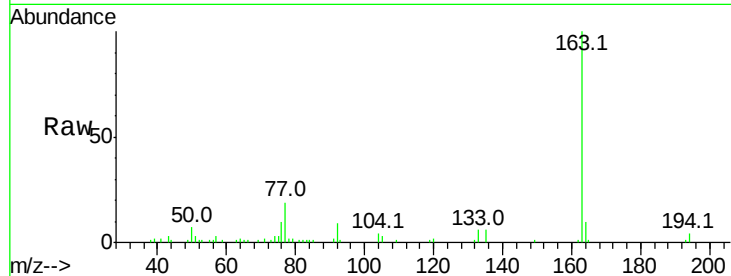
#49
Dimethylphthalate
Concen: 3.343 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.8	8.2	12.2

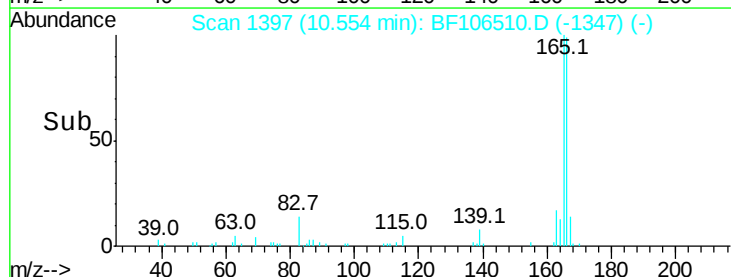
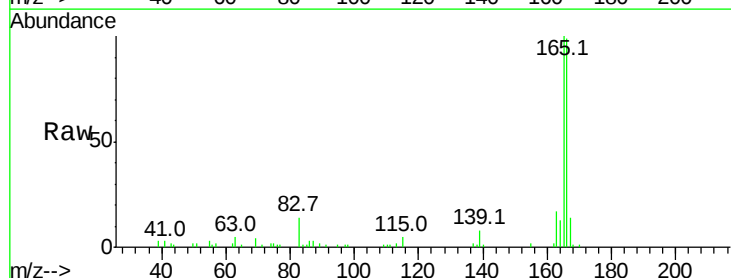
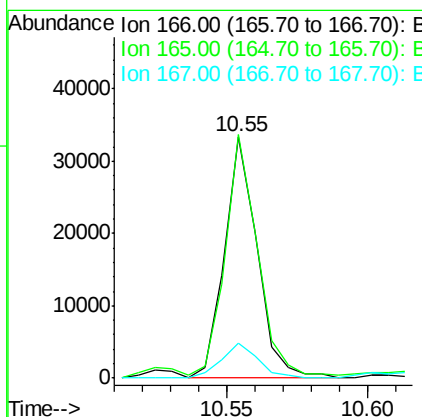
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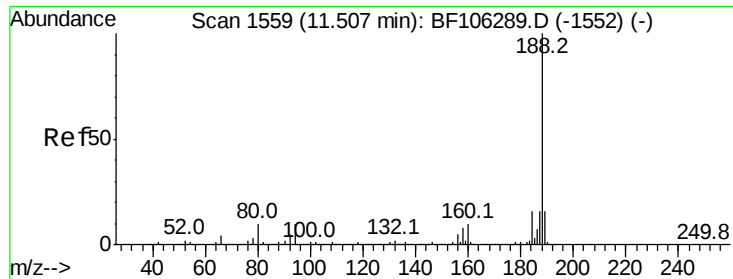
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#57
Fluorene
Concen: 2.319 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	14.6	10.6	16.0





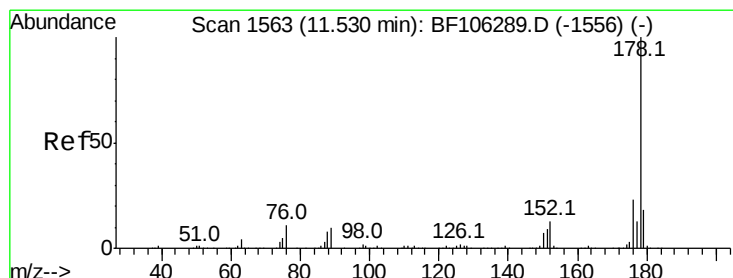
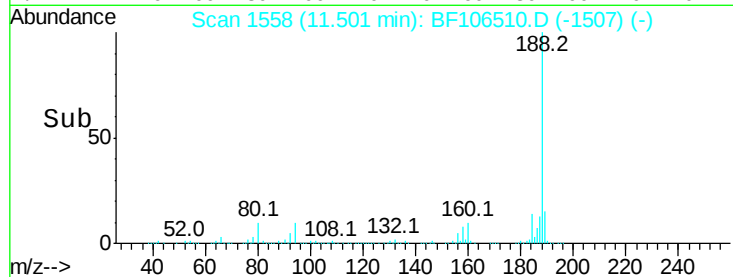
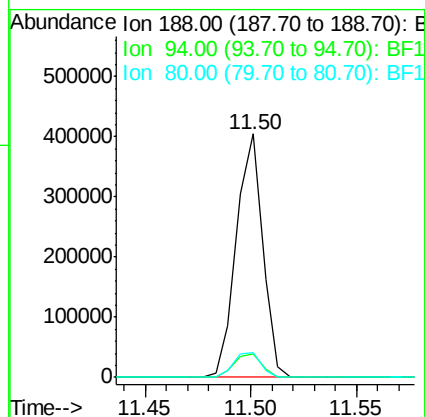
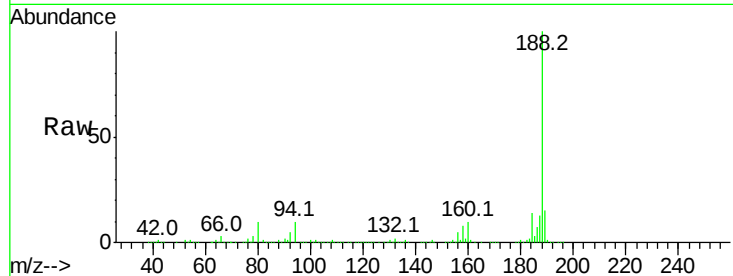
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

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Tot Ion	Ratio	Resp	Lower	Upper
188	100	347184		
94	9.6	8.5	12.7	
80	10.0	9.2	13.8	

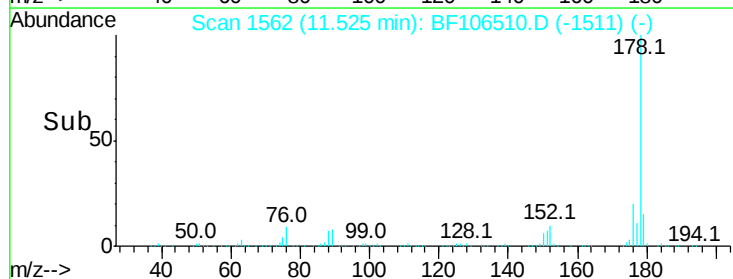
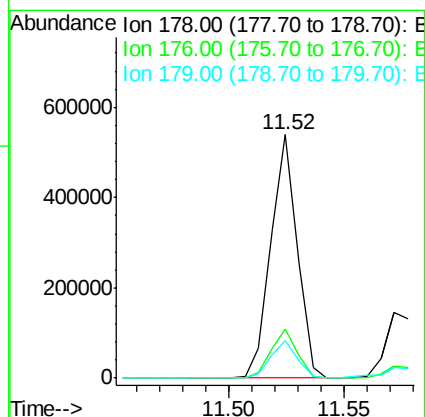
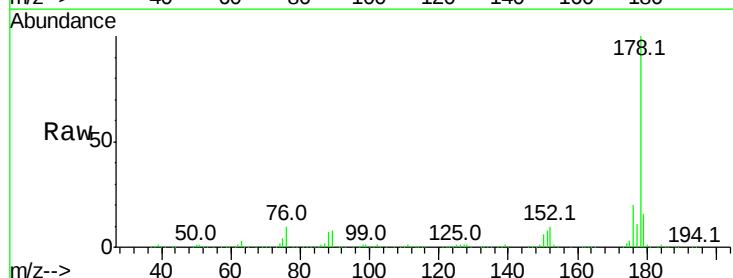
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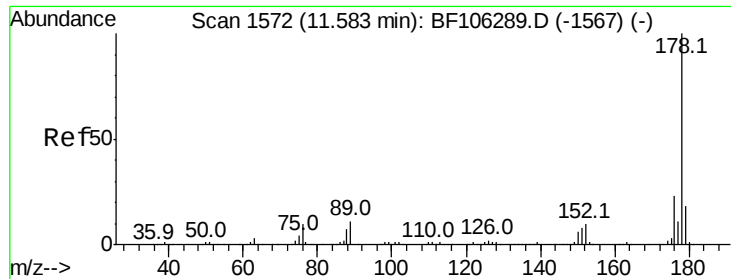
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#70
Phenanthrene
Concen: 25.251 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	429340		
176	20.2	15.8	23.8	
179	15.5	13.0	19.6	





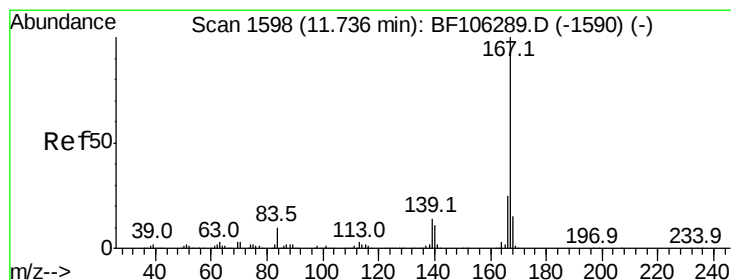
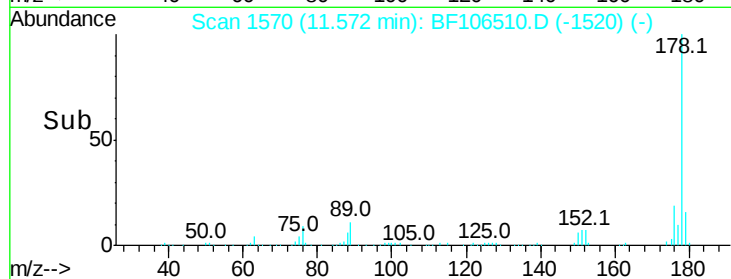
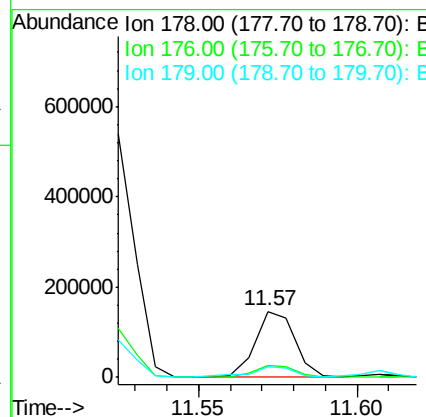
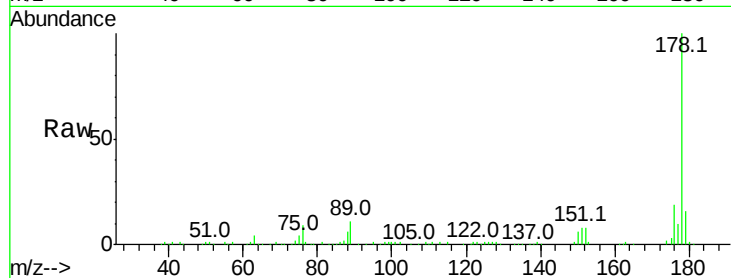
#71
 Anthracene
 Concen: 7.391 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106510.D
 Acq: 15 Jun 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.1	12.6	19.0

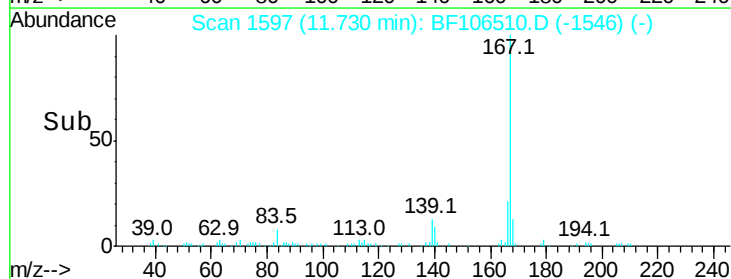
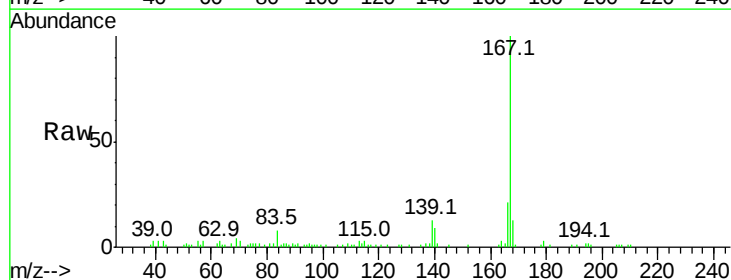
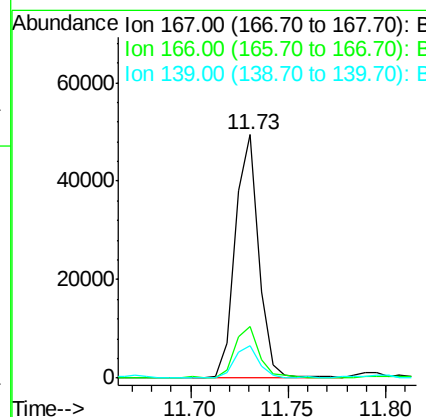
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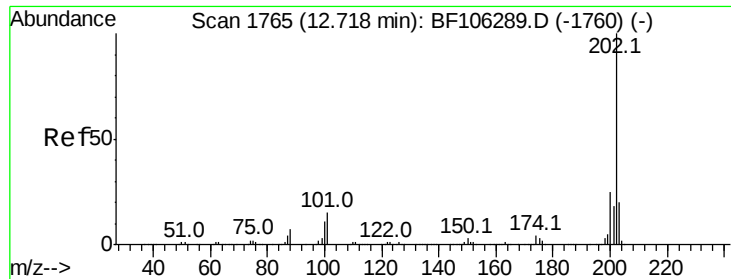
Sohil
 6/18/2018 12:24:15 PM



#72
 Carbazole
 Concen: 2.628 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106510.D
 Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	13.3	10.9	16.3





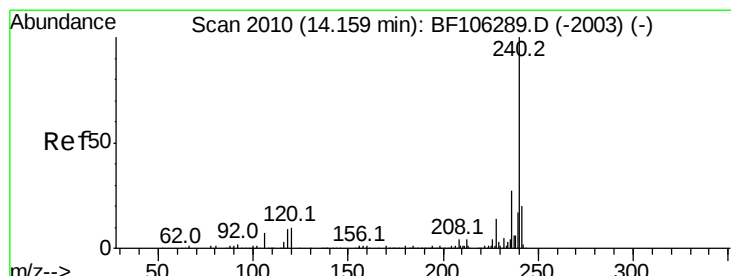
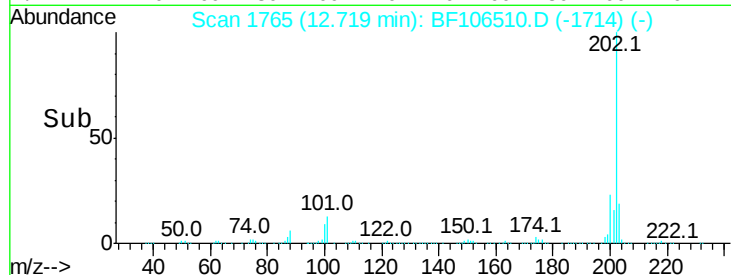
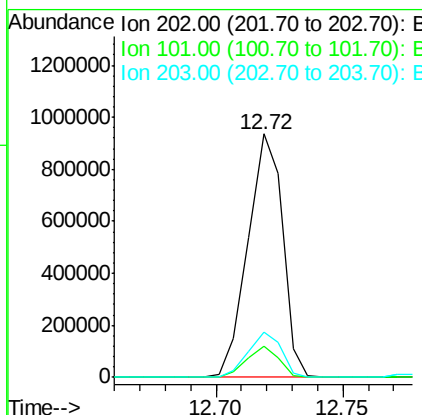
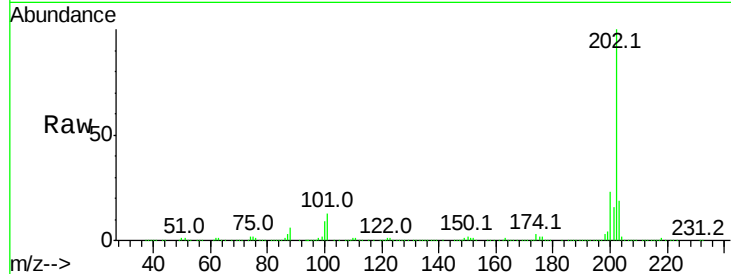
#74
 Fluoranthene
 Concen: 49.300 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF106510.D
 Acq: 15 Jun 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-10

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	34.1
203	18.6	0.0	38.1

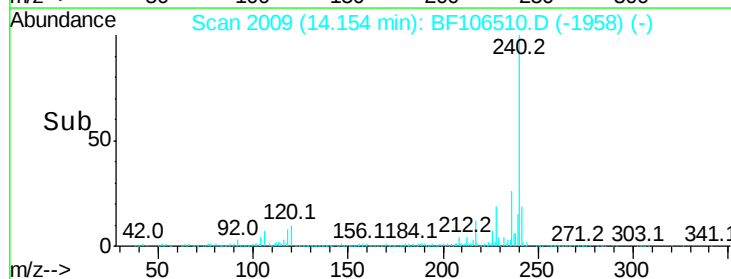
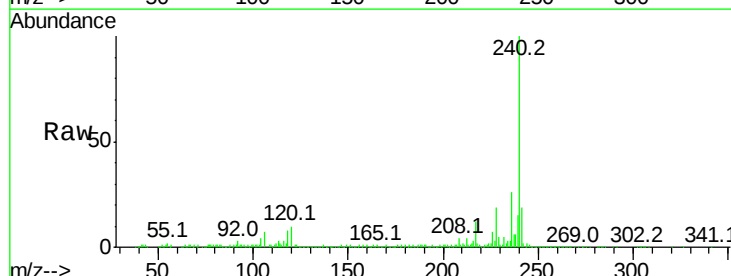
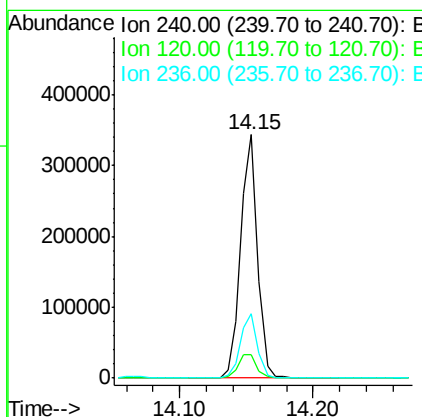
Manual Integrations
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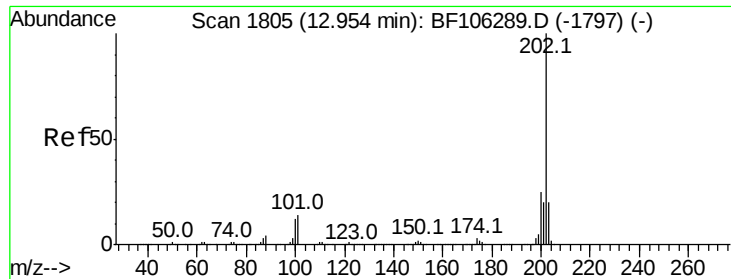
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF106510.D
 Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.4	20.7	31.1





#77

Pvrene

Concen: 42.794 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106510.D

Acq: 15 Jun 2018 23:24

Instrument :

BNA_F

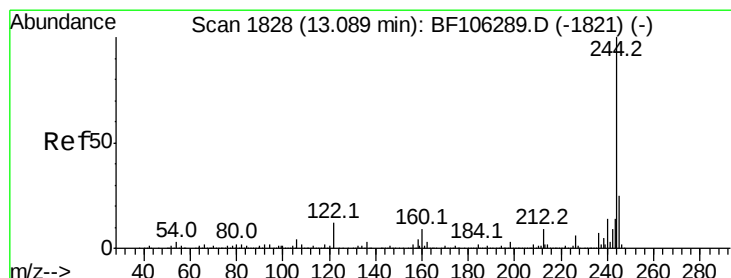
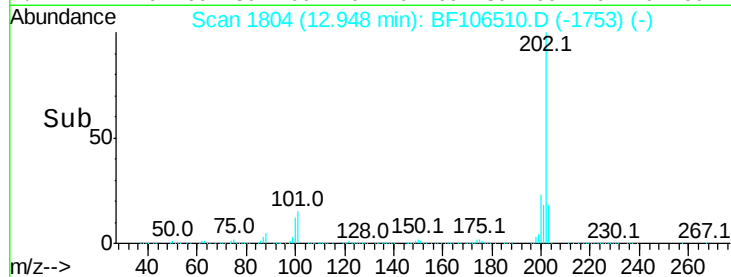
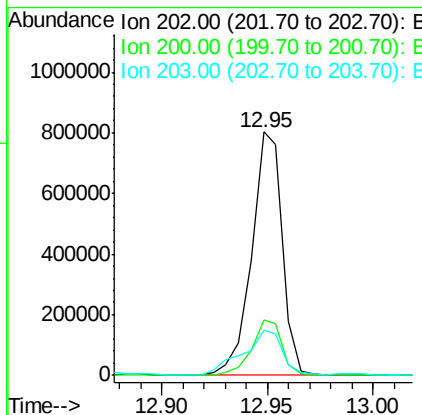
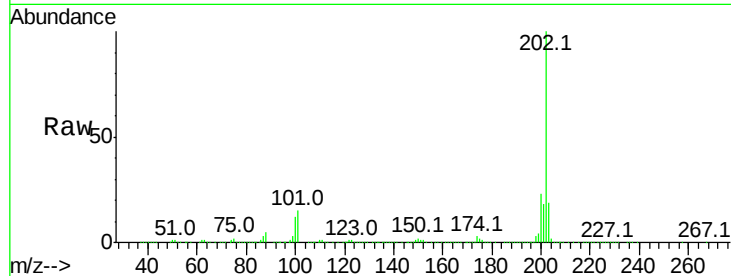
ClientSampleId :

DOCUMENTATION-10

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	18.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 35.547 ng

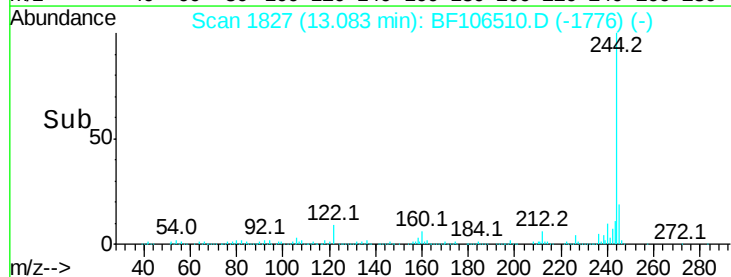
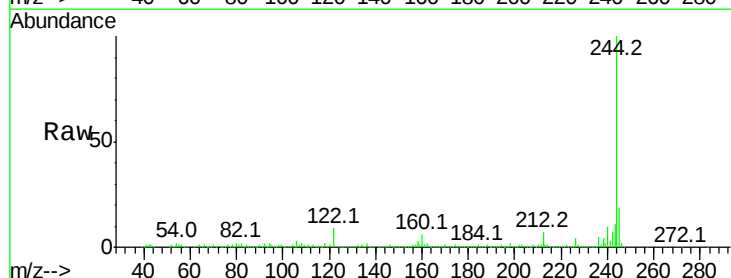
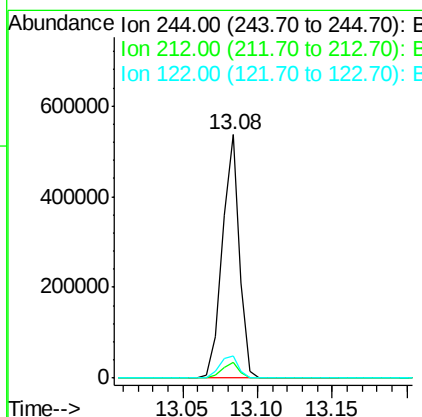
RT: 13.08 min Scan# 1827

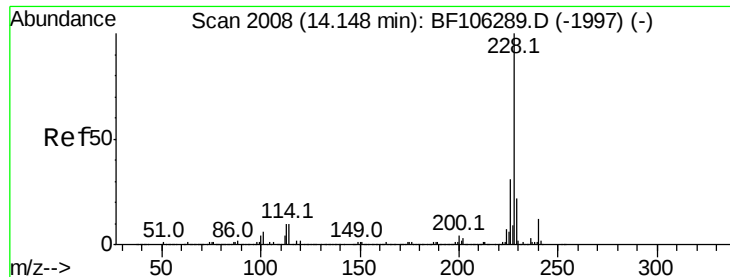
Delta R.T. 0.00 min

Lab File: BF106510.D

Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.3	11.0	16.4#





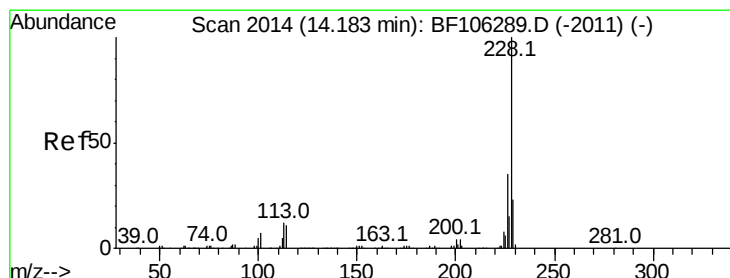
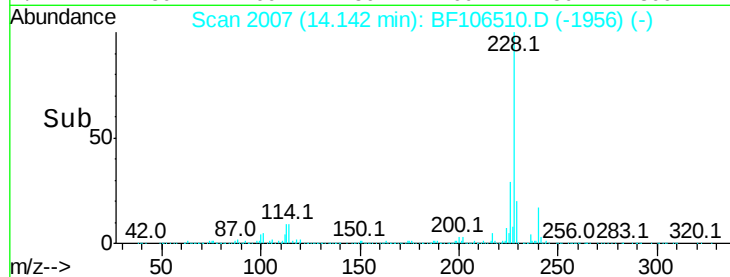
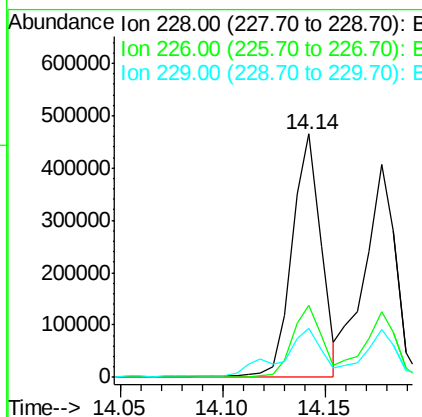
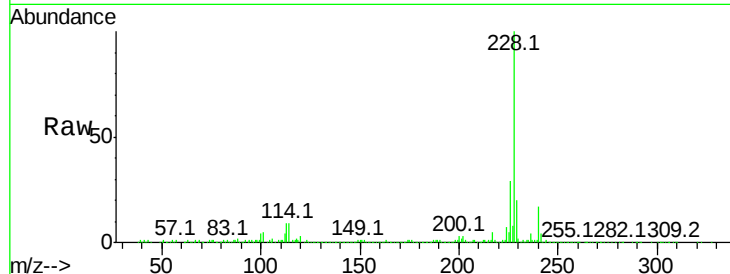
#80
Benzo(a)anthracene
Concen: 25.440 ng m
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.4	15.8	23.6

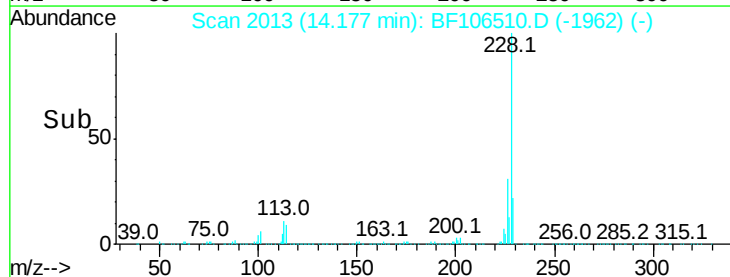
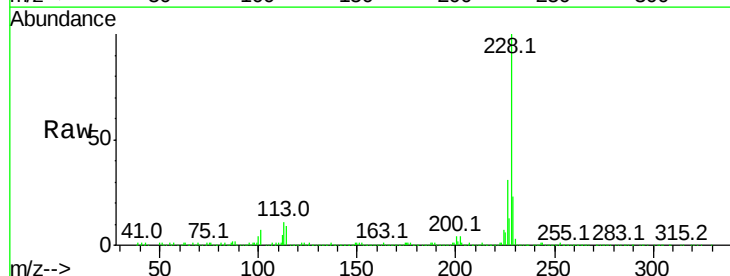
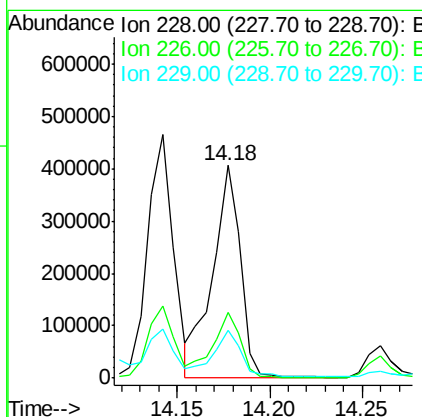
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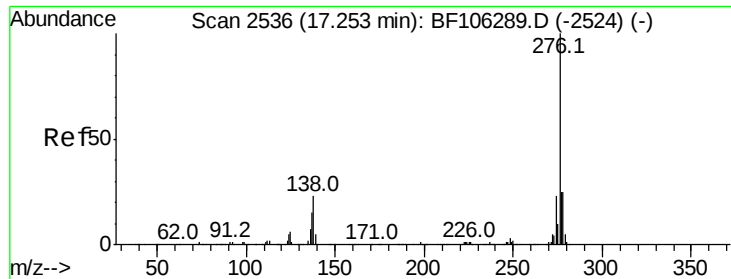
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#82
Chrysene
Concen: 25.957 ng m
RT: 14.18 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.7	16.2	24.4





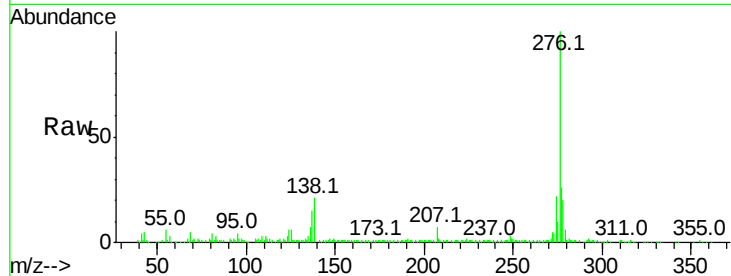
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.148 ng
RT: 17.25 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-10

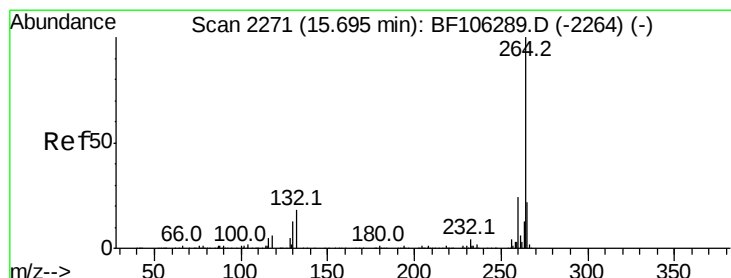
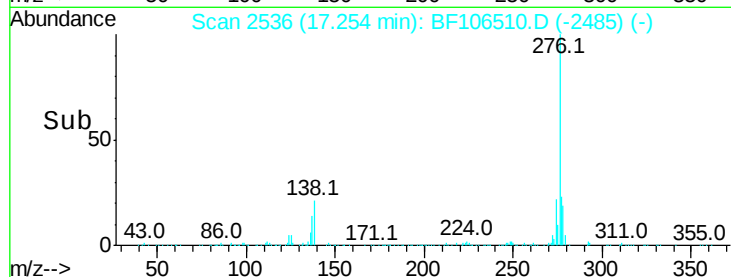
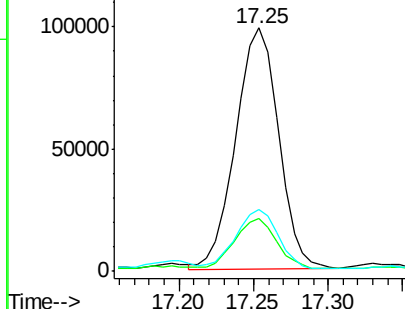
Tot Ion	Ratio	Resp	Lower	Upper
276	100	198616		
138	21.2	25.0	37.6#	
277	24.3	20.1	30.1	

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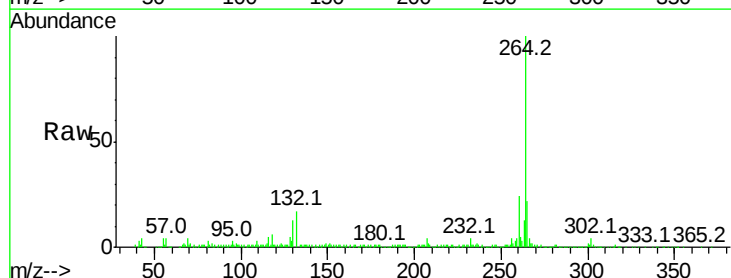


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

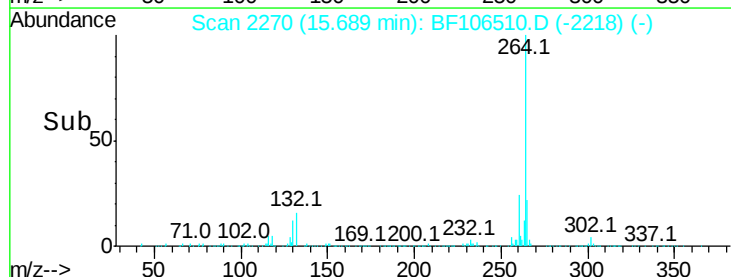
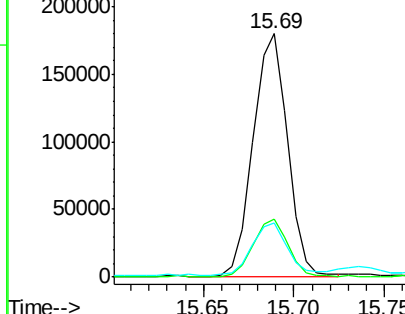


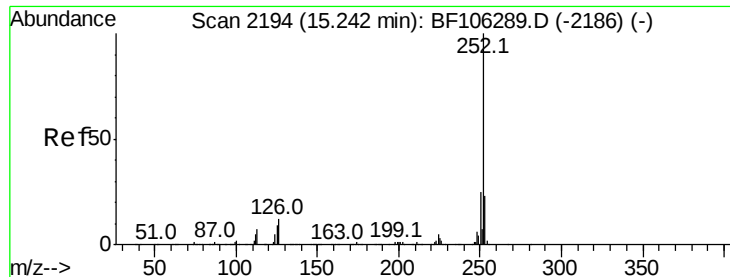
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	235226		
260	23.9	19.2	28.8	
265	22.1	17.5	26.3	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





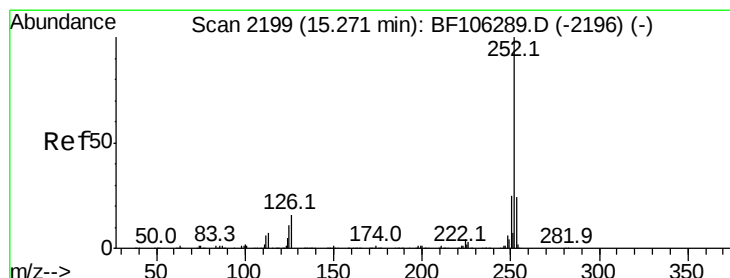
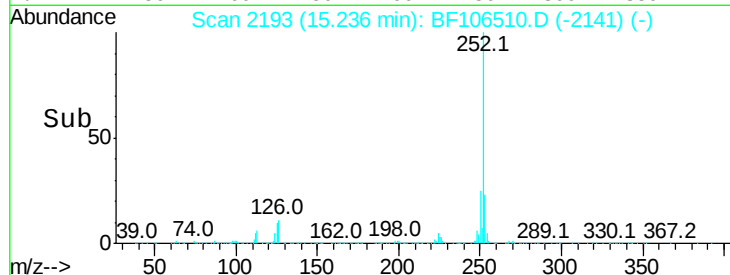
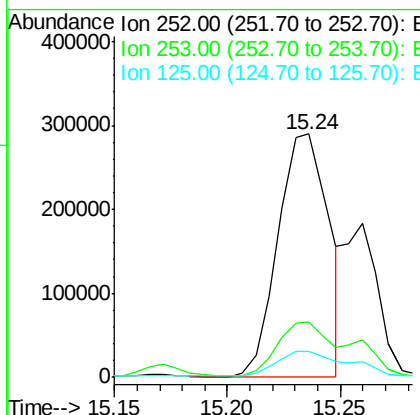
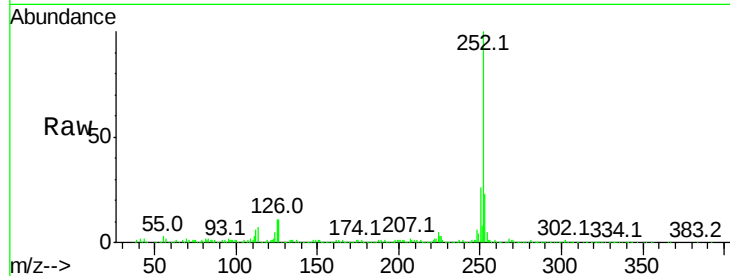
#87
Benzo(b)fluoranthene
Concen: 31.909 ng m
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.7	9.0	13.6

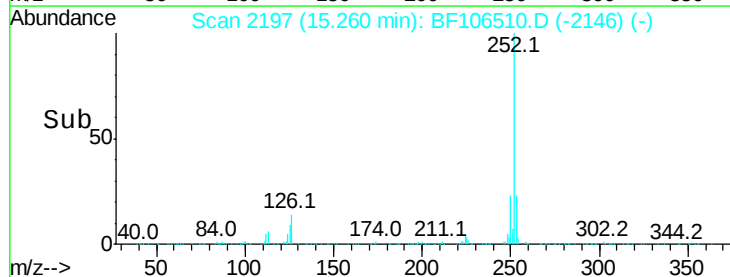
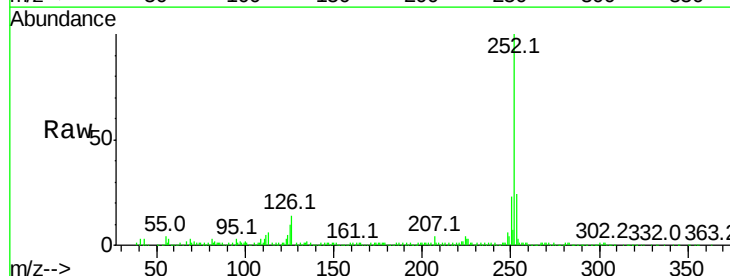
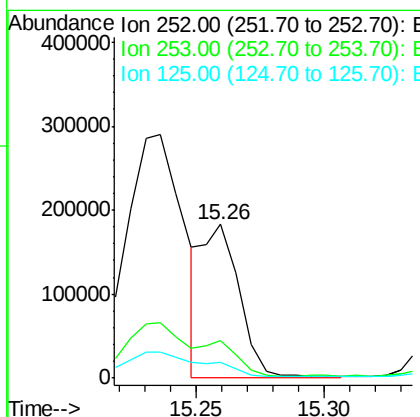
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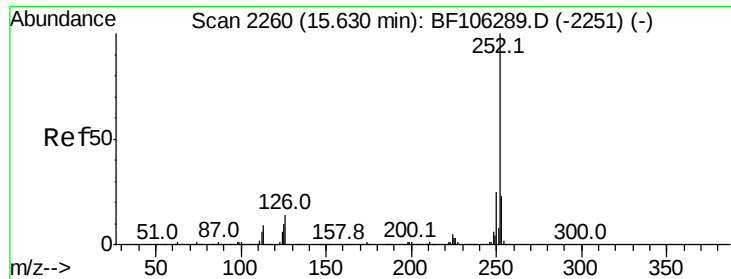
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#88
Benzo(k)fluoranthene
Concen: 13.282 ng m
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	10.1	10.2	15.2#





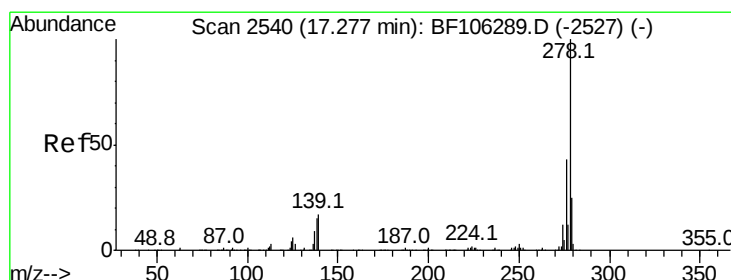
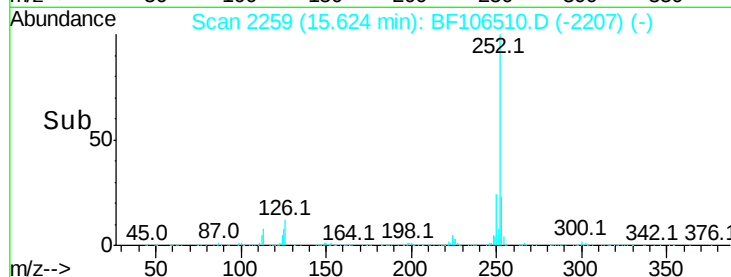
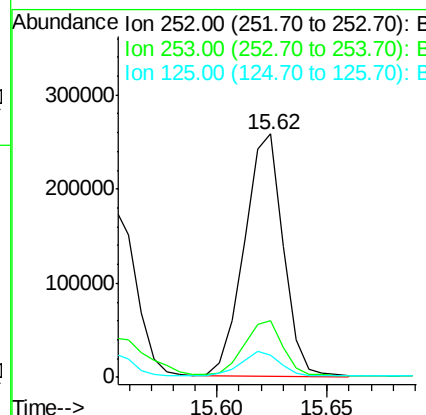
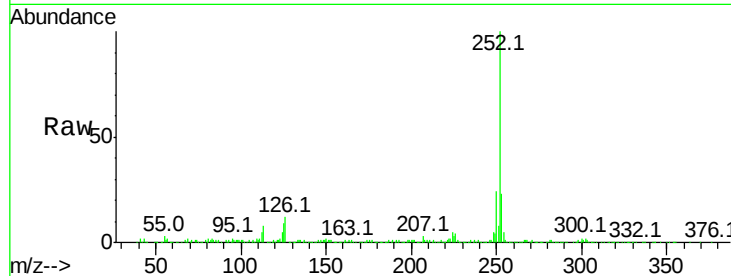
#89
Benzo(a)pyrene
Concen: 25.025 ng/ml
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.2	9.8	14.6

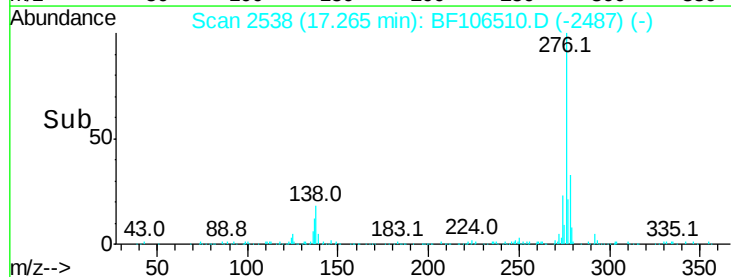
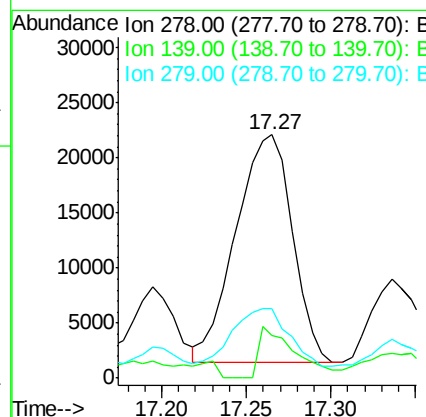
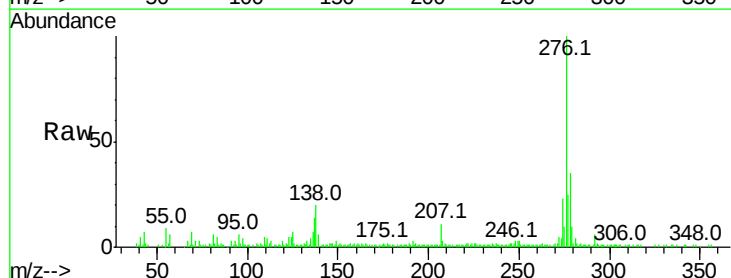
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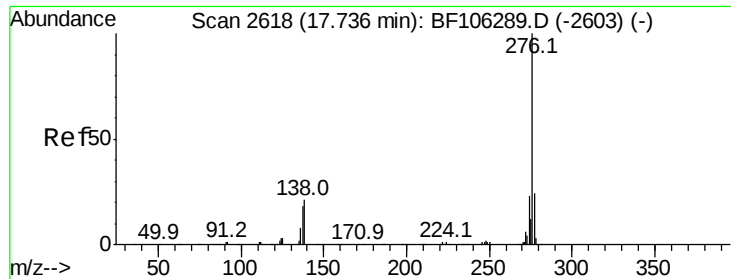
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#90
Dibenzo(a,h)anthracene
Concen: 4.517 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BF106510.D
Acq: 15 Jun 2018 23:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.9	23.9
279	28.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 18.833 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. 0.00 min
 Lab File: BF106510.D
 Acq: 15 Jun 2018 23:24

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-10

Tot Ion:	276	Resp:	195155
Ion Ratio		Lower	Upper
276	100		
277	25.4	17.9	26.9
138	22.8	21.8	32.8

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