

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106504.D
 Acq On : 15 Jun 2018 20:46
 Operator : JU/SJ
 Sample : J3486-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-6

Manual Integrations
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 6/18/2018 10:38:36 AM

Quant Time: Jun 18 05:07:48 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	111935	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	388211	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	151373	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	285468	20.00	ng	0.00
75) Chrysene-d12	14.15	240	320558	20.00	ng	0.00
86) Perylene-d12	15.69	264	233241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	318505	48.16	ng	0.00
7) Phenol-d6	6.61	99	391697	46.88	ng	0.00
23) Nitrobenzene-d5	7.52	82	236787	35.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	66460	45.63	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	407748	38.50	ng	0.00
78) Terphenyl-d14	13.08	244	444557	34.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	38207	3.533	ng	Qvalue 100
70) Phenanthrene	11.52	178	183733	13.142	ng	99
71) Anthracene	11.57	178	52974	3.782	ng	98
74) Fluoranthene	12.72	202	440694	29.558	ng	96
77) Pyrene	12.95	202	439400	21.895	ng	99
80) Benzo(a)anthracene	14.14	228	269087	14.106	ng	96
82) Chrysene	14.18	228	264690	15.198	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	36782	3.415	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.25	276	101921	7.332	ng	# 91
87) Benzo(b)fluoranthene	15.23	252	296459m	21.027	ng	
88) Benzo(k)fluoranthene	15.26	252	78128m	5.595	ng	
89) Benzo(a)pyrene	15.62	252	185583	14.634	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	26850m	2.540	ng	
91) Benzo(a,h,i)perylene	17.73	276	108281	10.539	ng	# 92

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

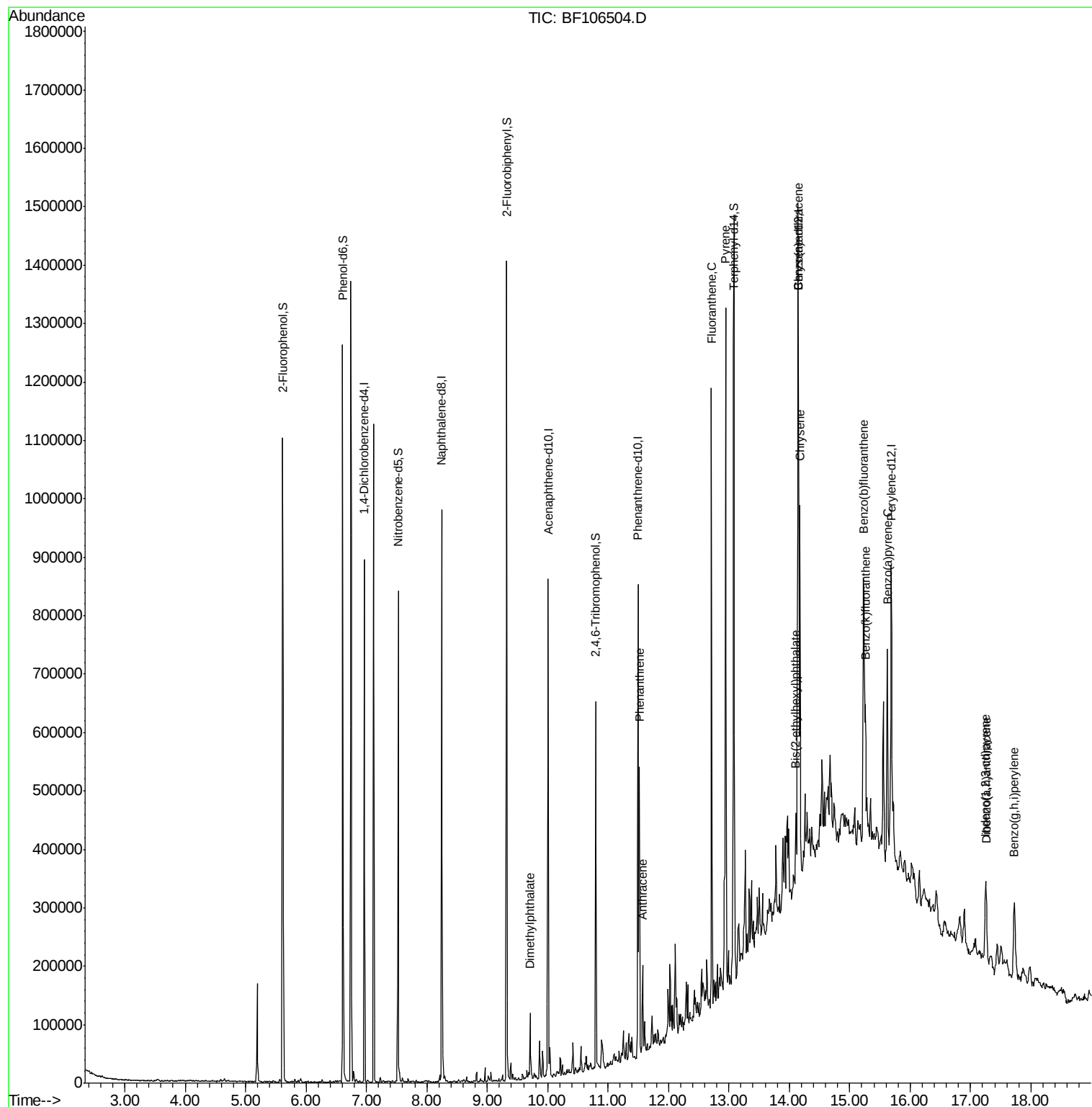
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106504.D
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ALS Vial : 19 Sample Multiplier: 1

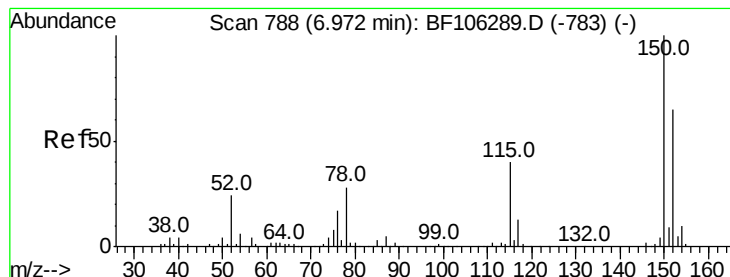
Instrument :
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Quant Time: Jun 18 05:07:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
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#1

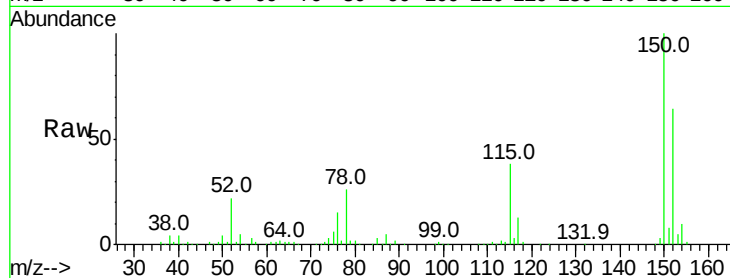
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	60.6	50.1	75.1

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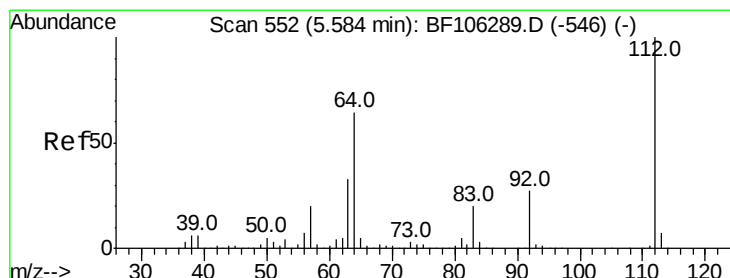
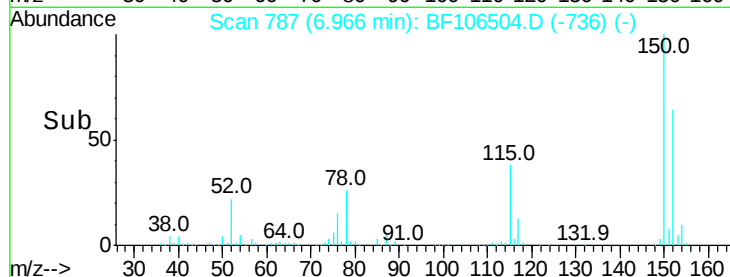
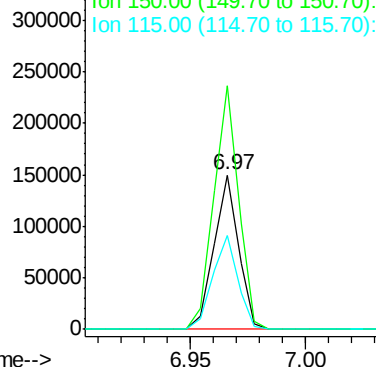


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

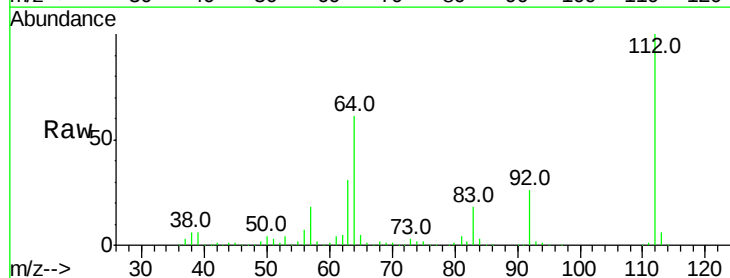
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.159 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	30.9	23.7	35.5

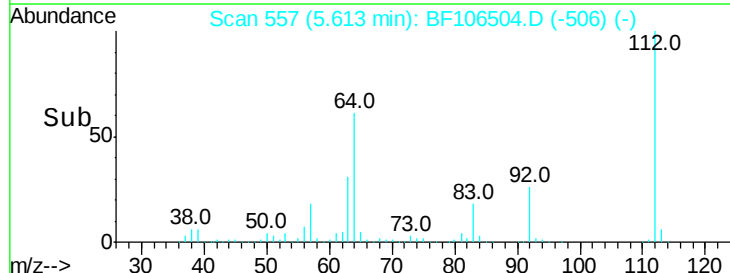
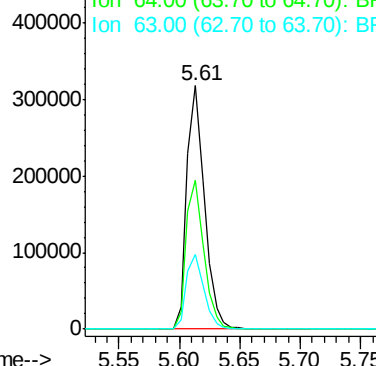


Abundance

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: 46.878 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106504.D

Acq: 15 Jun 2018 20:46

Instrument :

BNA_F

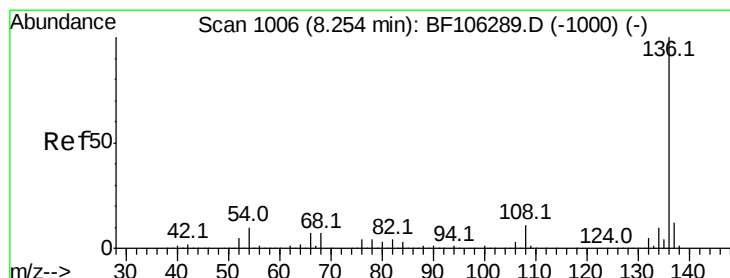
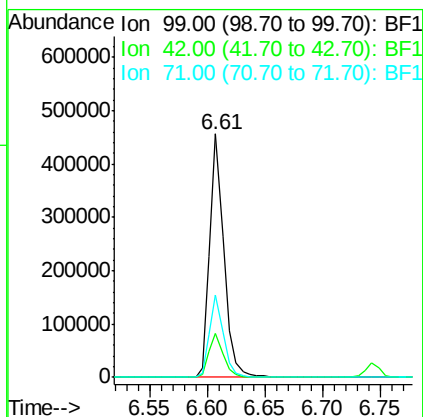
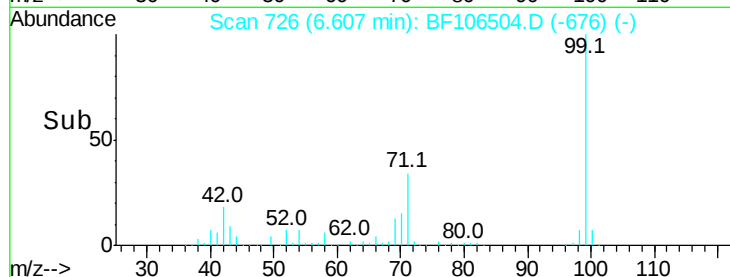
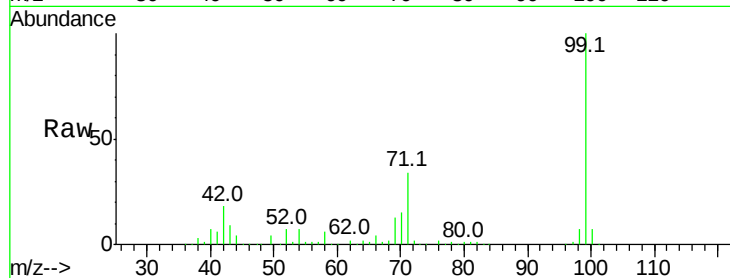
ClientSampleId :

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Tot Ion:	99	Resp:	391697
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

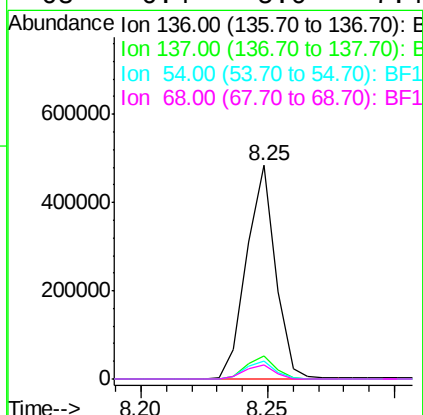
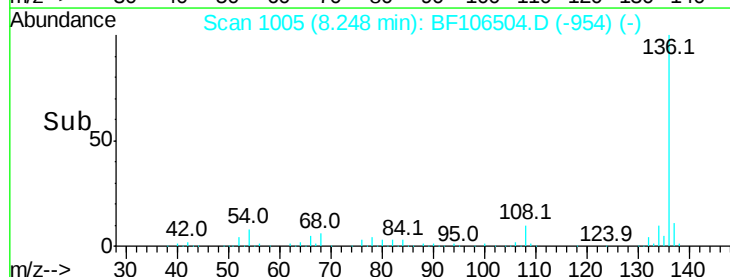
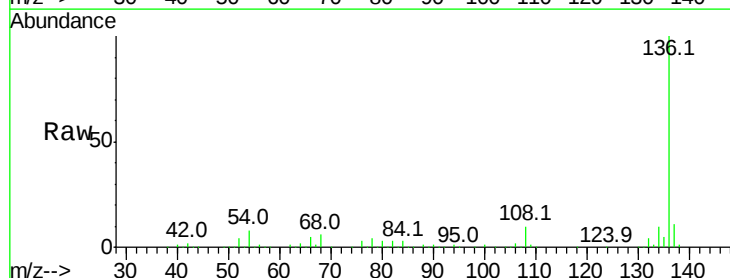
RT: 8.25 min Scan# 1005

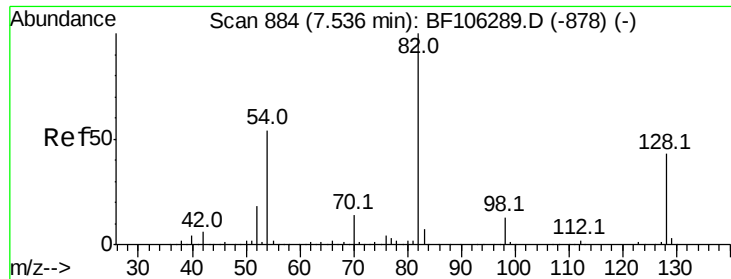
Delta R.T. 0.00 min

Lab File: BF106504.D

Acq: 15 Jun 2018 20:46

Tgt Ion:	136	Resp:	388211
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.4	5.0	7.4





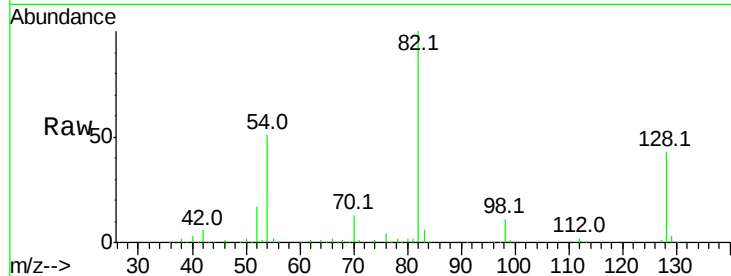
#23
Nitrobenzene-d5
Concen: 35.882 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	36.1	54.1	
54	51.2	41.4	62.2	

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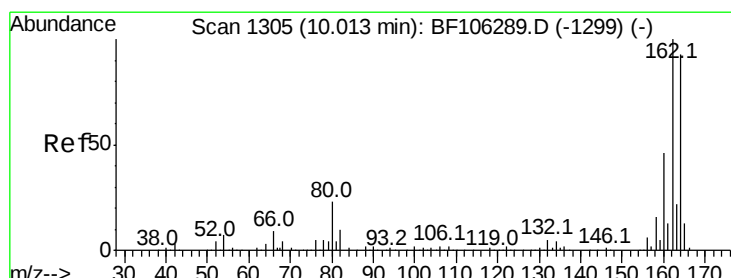
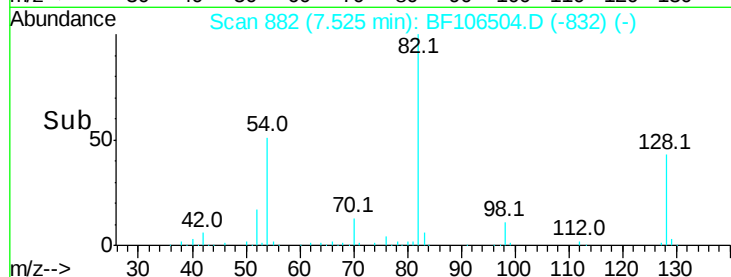
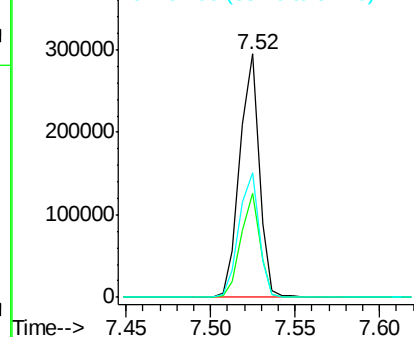


Abundance

Ion 82.00 (81.70 to 82.70): BF1

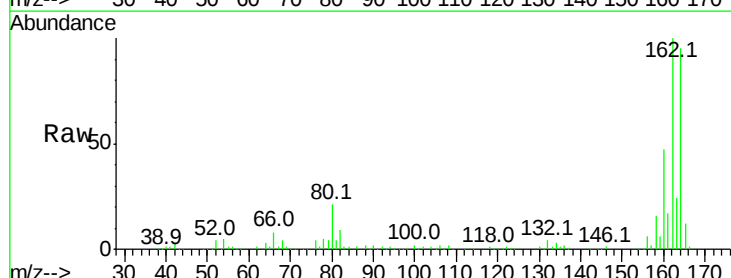
Ion 128.00 (127.70 to 128.70): BF1

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: BF106504.D
Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	86.1	129.1	
160	49.7	38.3	57.5	

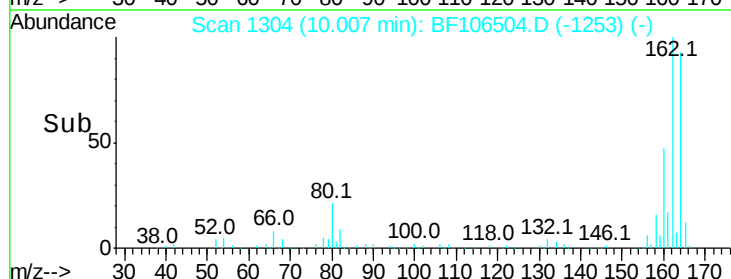
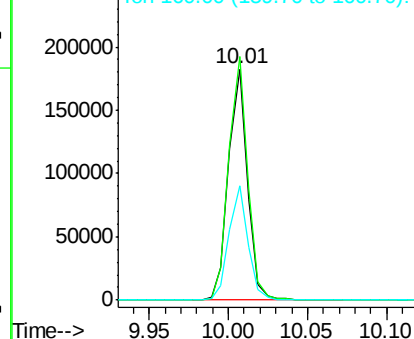


Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





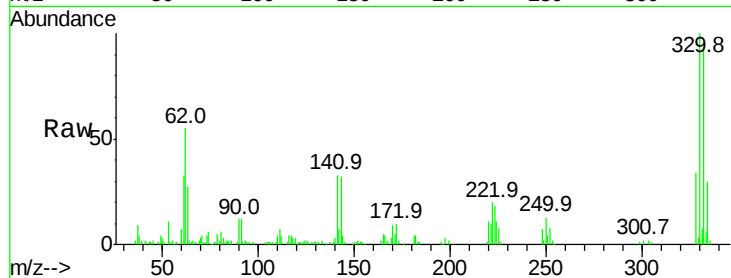
#41
 2,4,6-Tribromophenol
 Concen: 45.631 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106504.D
 Acq: 15 Jun 2018 20:46

Instrument :
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 ClientSampleId :
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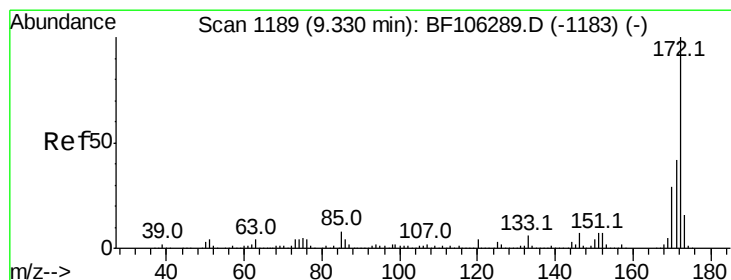
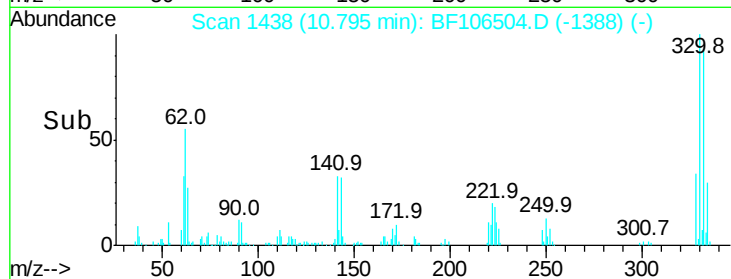
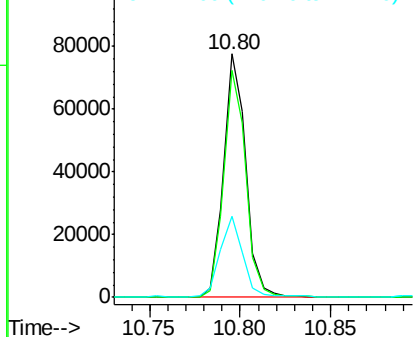
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	92.3	77.0	115.6	
141	34.3	29.9	44.9	

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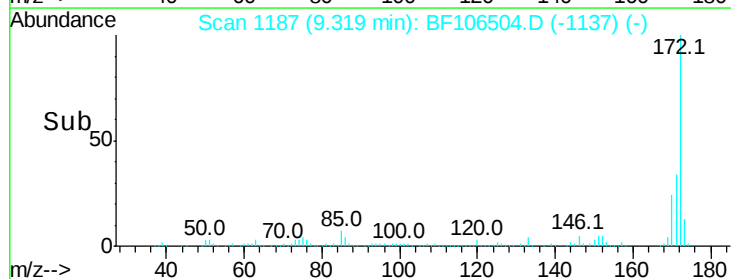
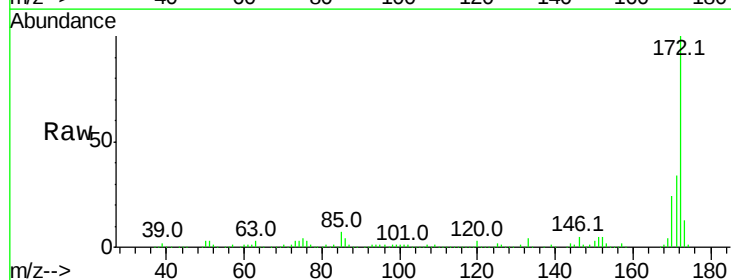
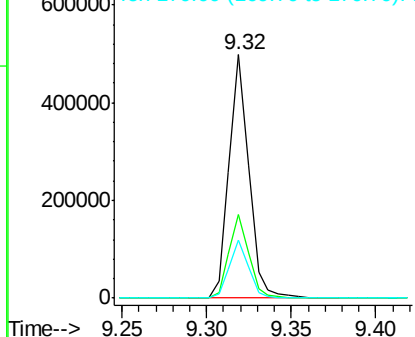
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

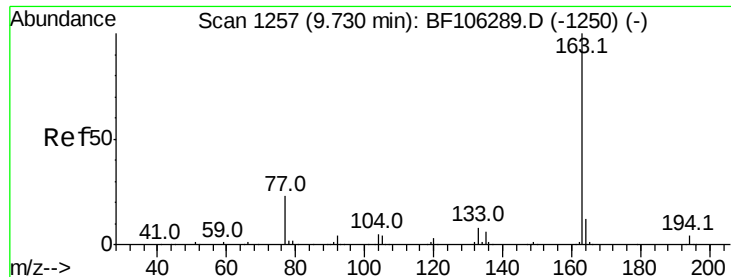


#44
 2-Fluorobiphenyl
 Concen: 38.497 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106504.D
 Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.4	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: 3.533 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106504.D

Acq: 15 Jun 2018 20:46

Instrument :

BNA_F

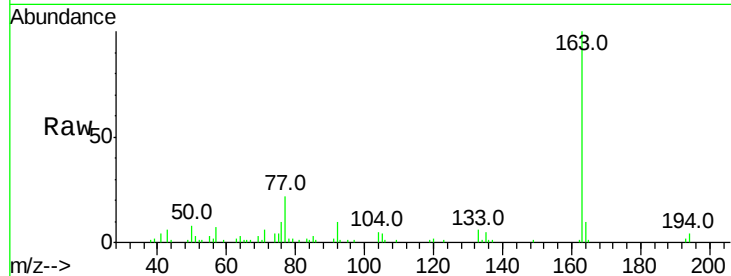
ClientSampleId :

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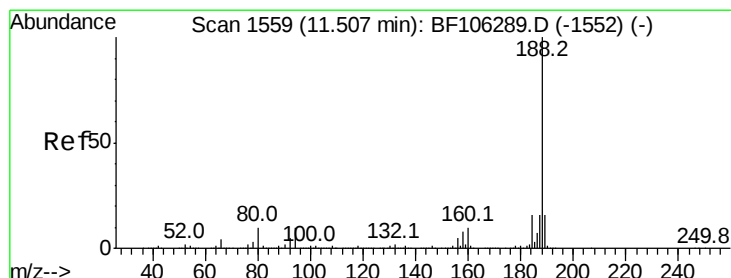
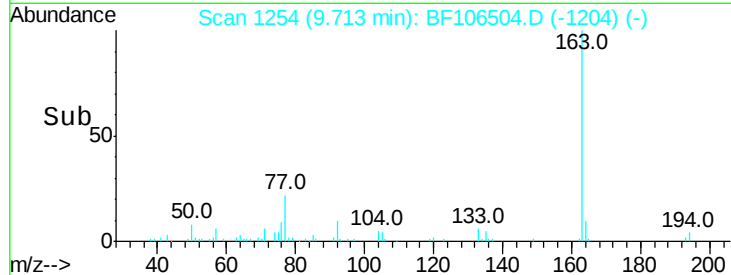
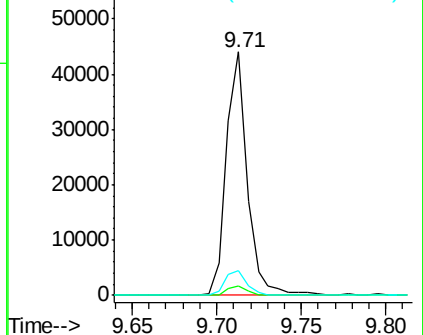
Tot Ion:	163	Resp:	38207
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

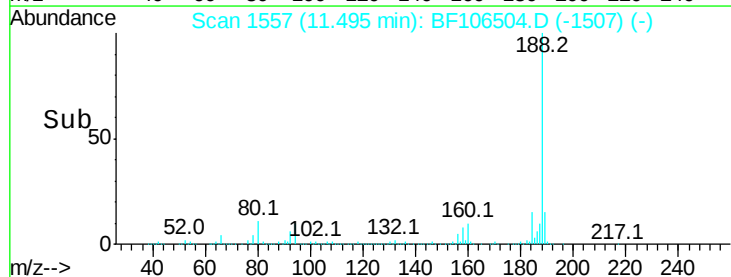
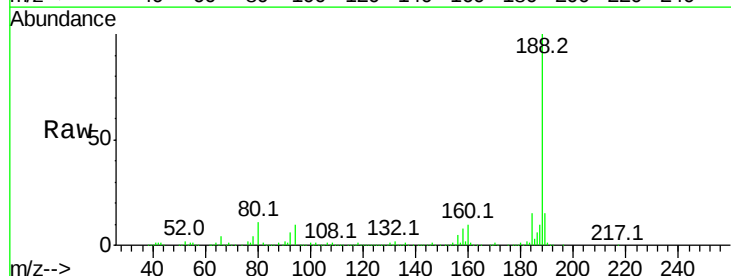
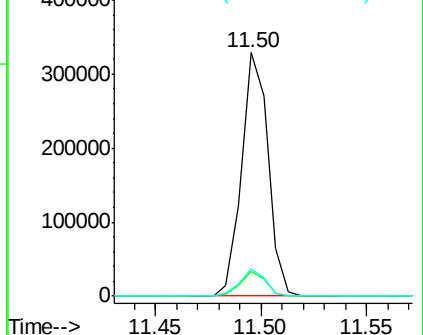
Delta R.T. -0.01 min

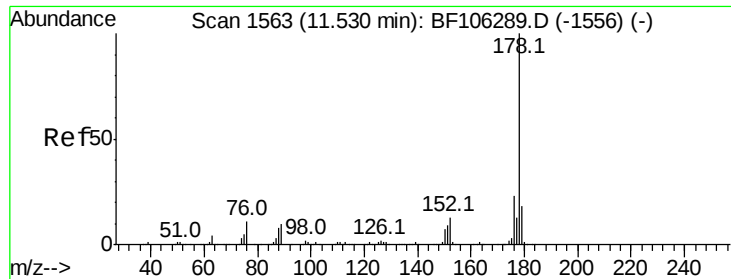
Lab File: BF106504.D

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Tgt Ion:	188	Resp:	285468
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	11.4	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





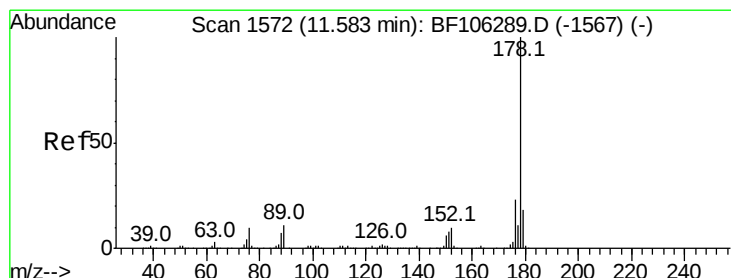
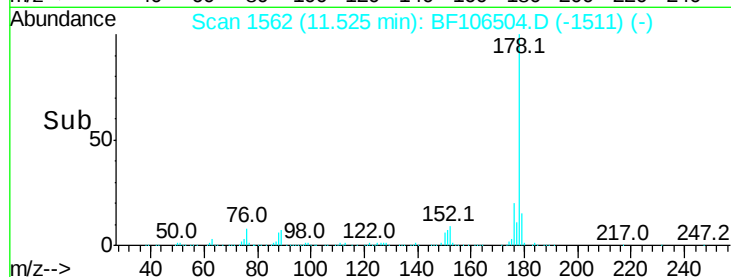
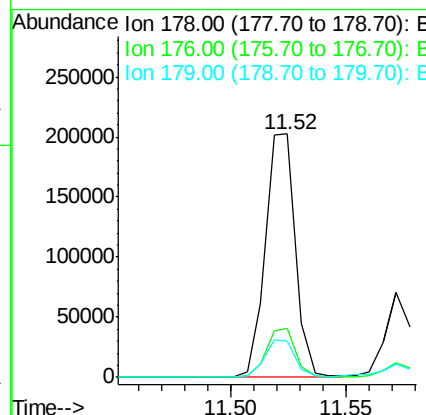
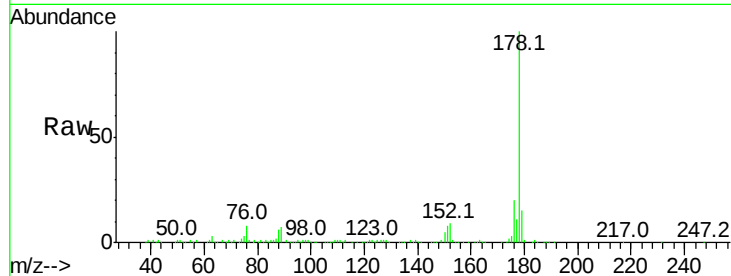
#70
Phenanthrene
Concen: 13.142 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Instrument :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.0	13.0	19.6

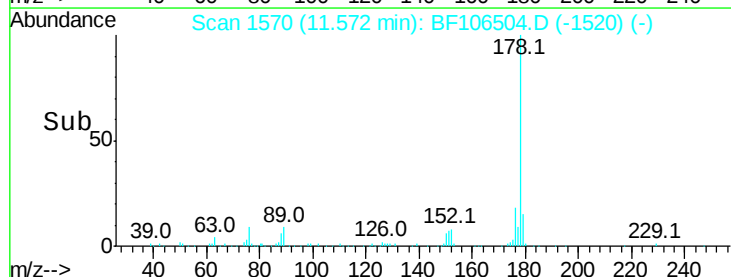
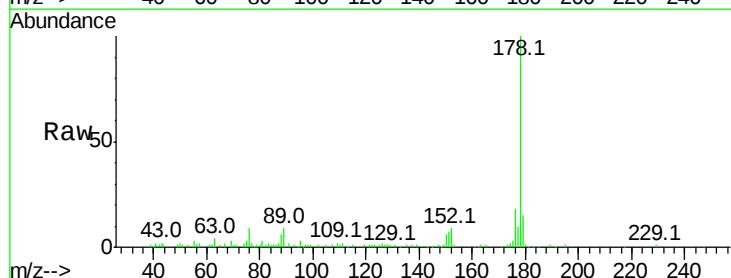
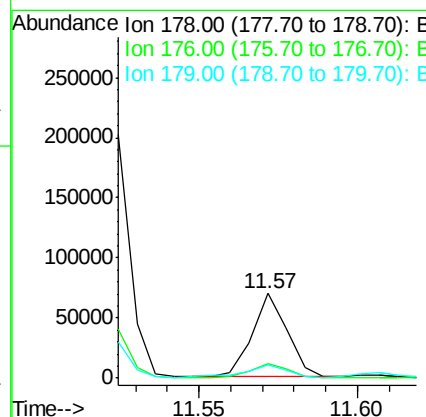
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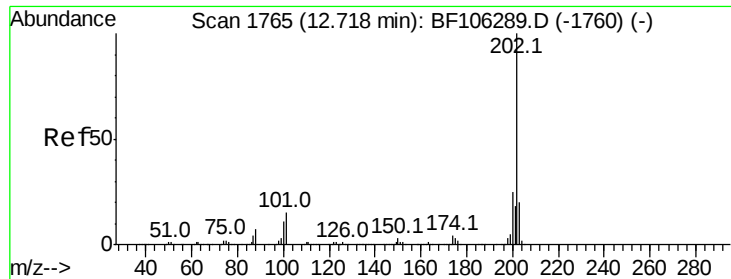
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#71
Anthracene
Concen: 3.782 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	15.5	12.6	19.0





#74

Fluoranthene

Concen: 29.558 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106504.D

Acq: 15 Jun 2018 20:46

Instrument :

BNA_F

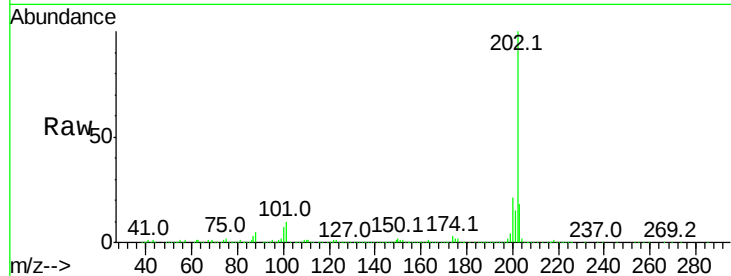
ClientSampleId :

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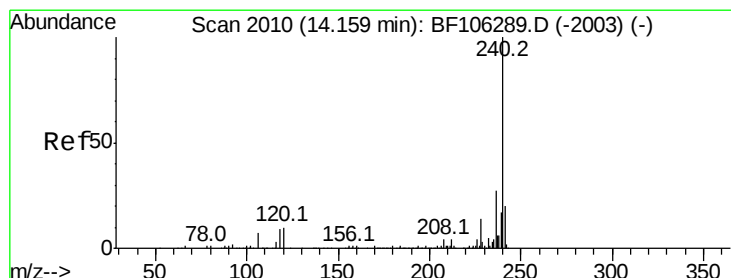
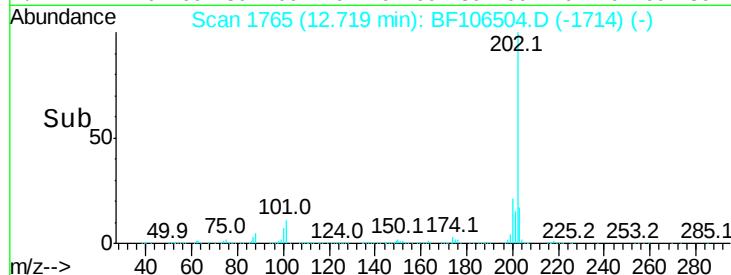
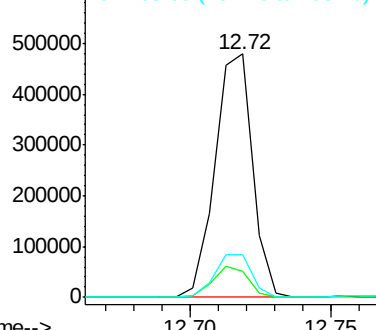
Tot Ion:	202	Resp:	440694
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	34.1
203	17.6	0.0	38.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

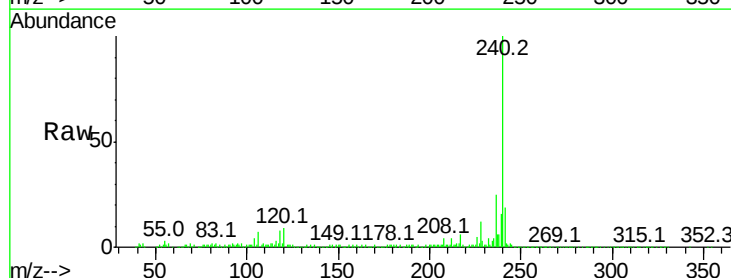
RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

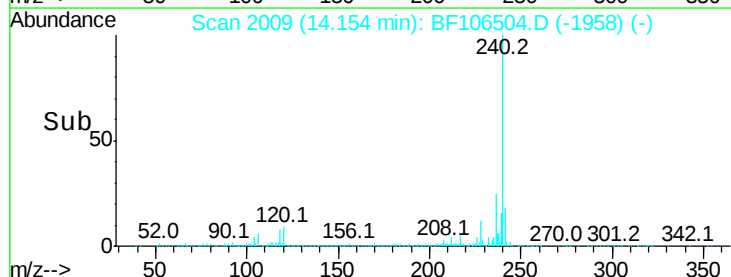
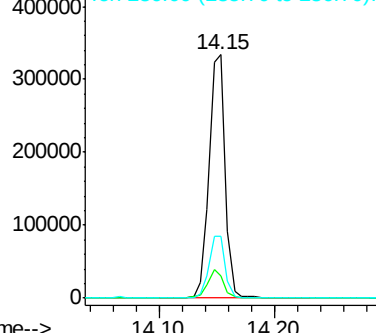
Lab File: BF106504.D

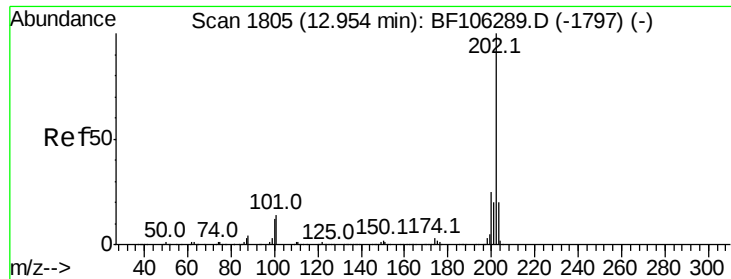
Acq: 15 Jun 2018 20:46

Tgt Ion:	240	Resp:	320558
Ion Ratio	Lower	Upper	
240	100		
120	9.0	9.5	14.3#
236	25.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





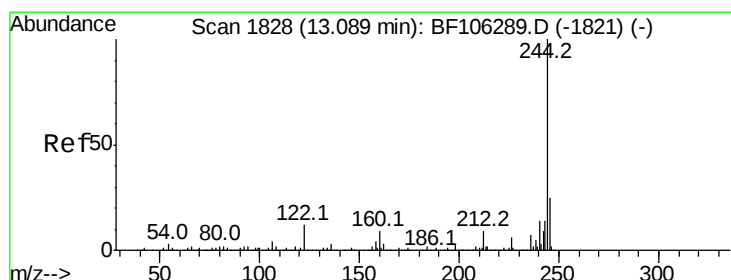
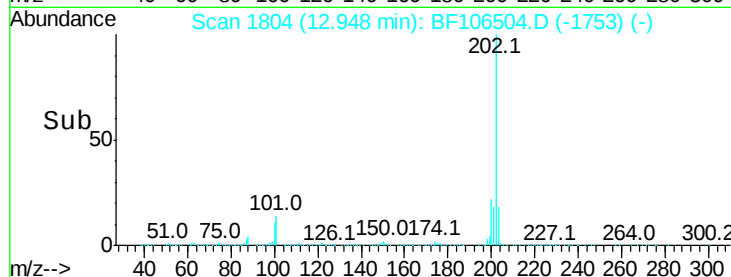
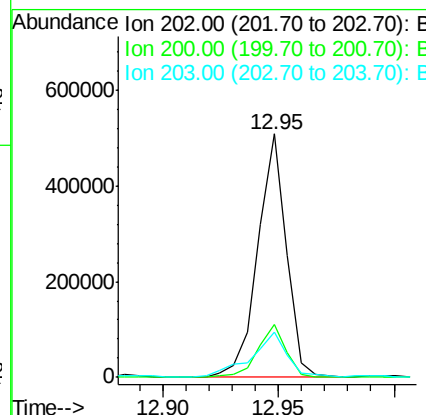
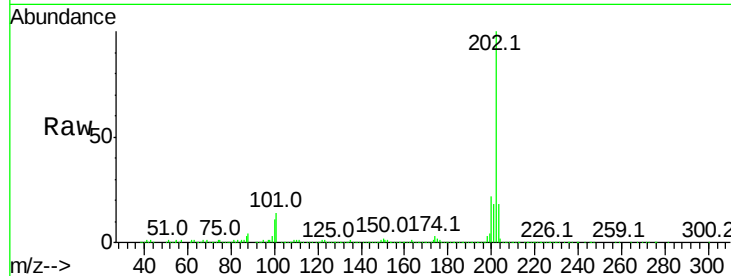
#77
Pvrene
Concen: 21.895 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-6

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.5	14.3	21.5

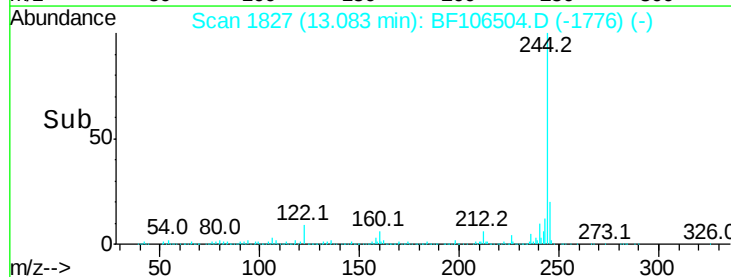
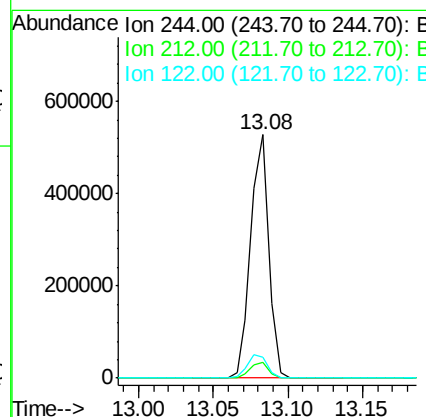
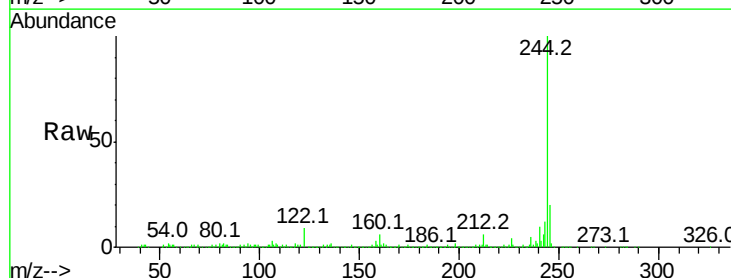
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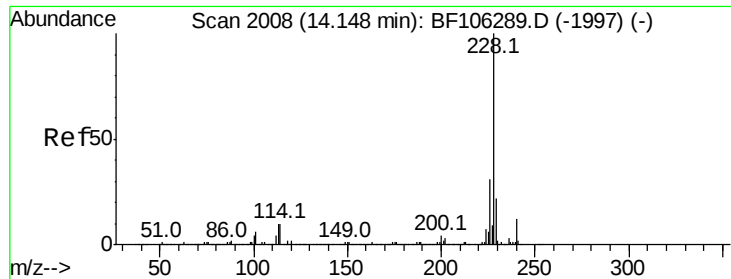
Sohil
6/18/2018 10:38:36 AM



#78
Terphenyl-d14
Concen: 34.446 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.7	11.0	16.4





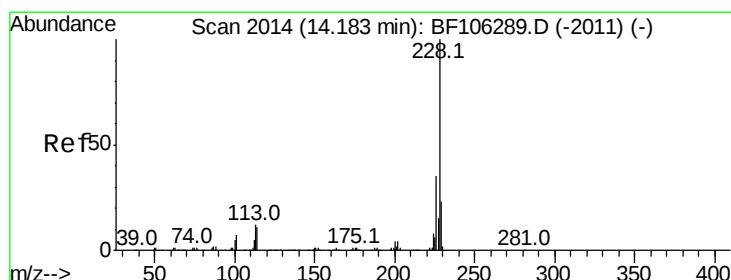
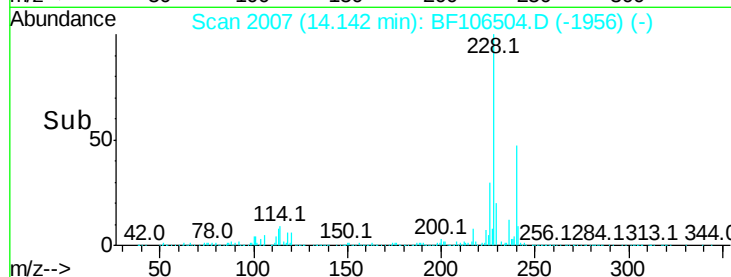
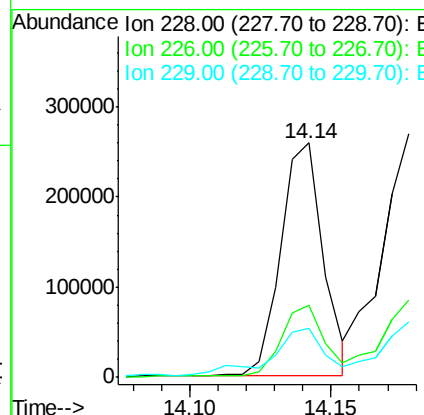
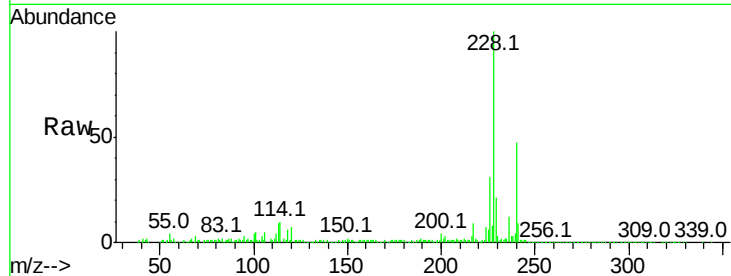
#80
Benzo(a)anthracene
Concen: 14.106 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.9	15.8	23.6

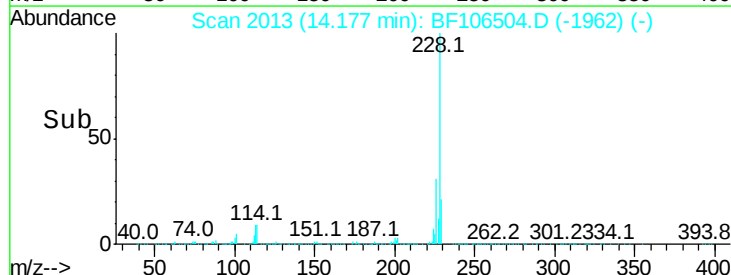
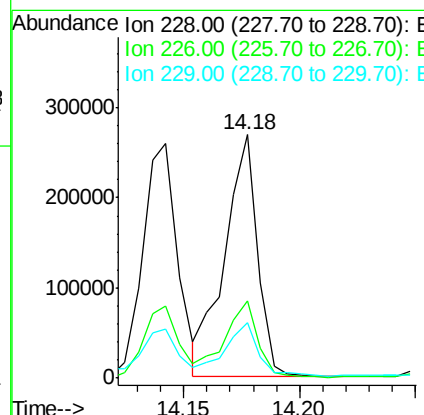
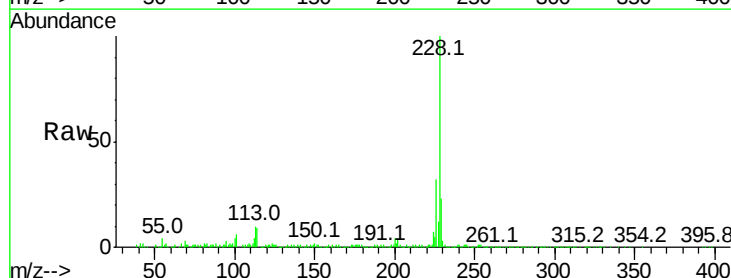
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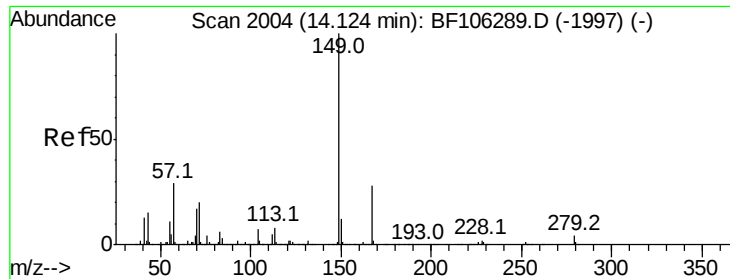
Sohil
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#82
Chrysene
Concen: 15.198 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.5	16.2	24.4





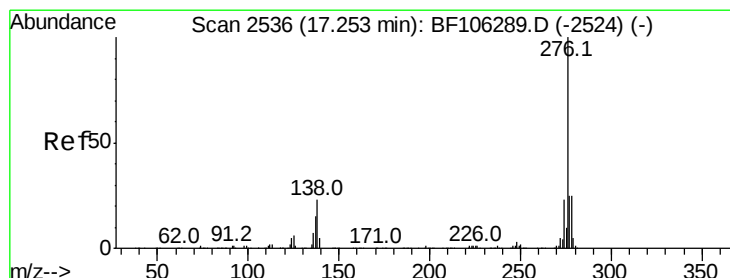
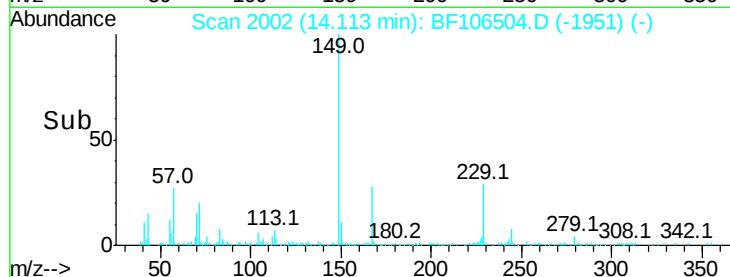
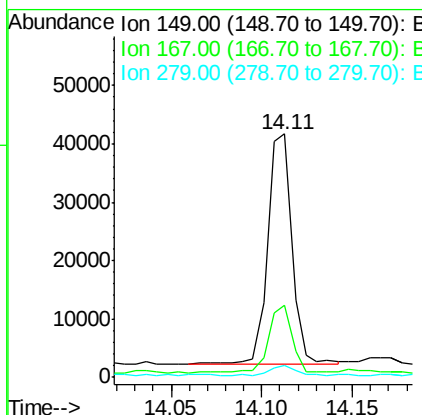
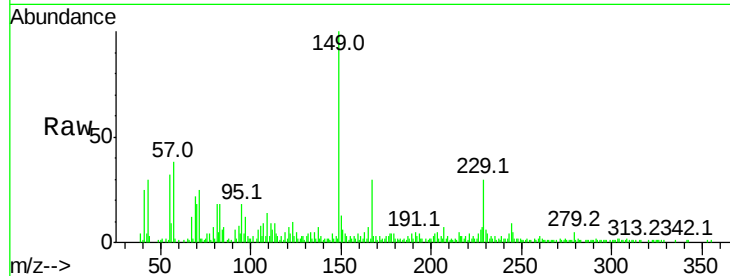
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.415 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF106504.D
 Acq: 15 Jun 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-6

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	21.3	31.9
279	5.1	3.0	4.4

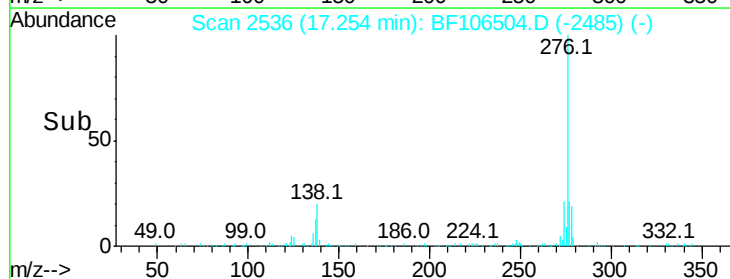
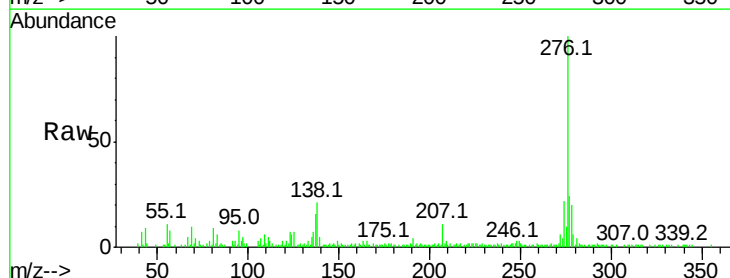
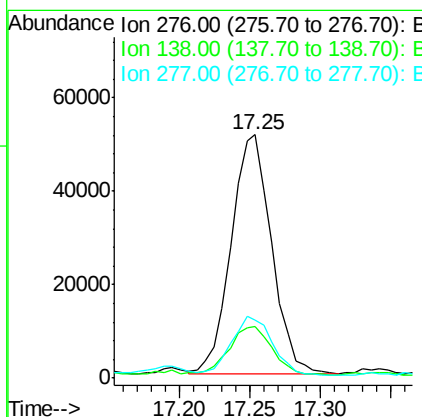
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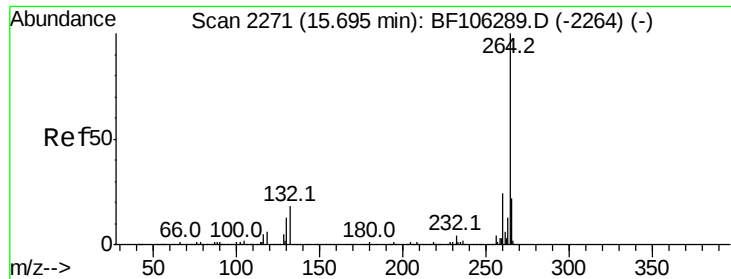
Sohil
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.332 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BF106504.D
 Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6
277	25.3	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF106504.D

Acq: 15 Jun 2018 20:46

Instrument :

BNA_F

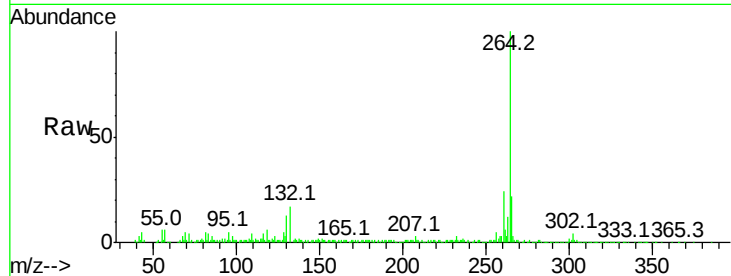
ClientSampleId :

DOCUMENTATION-6

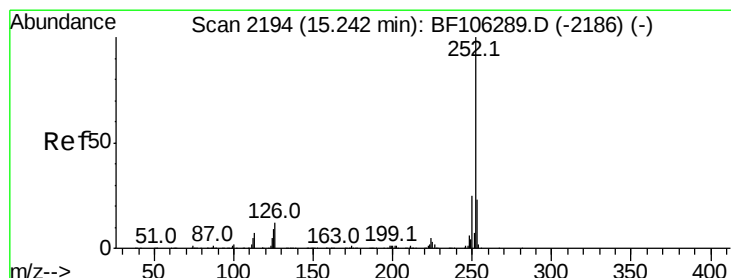
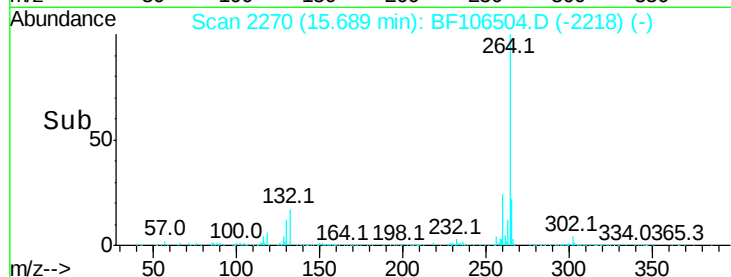
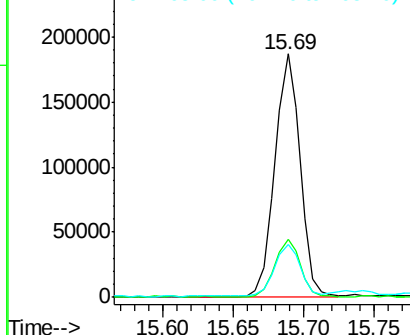
Tot Ion:	264	Resp:	233241
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3

Manual Integrations
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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: 21.027 ng m

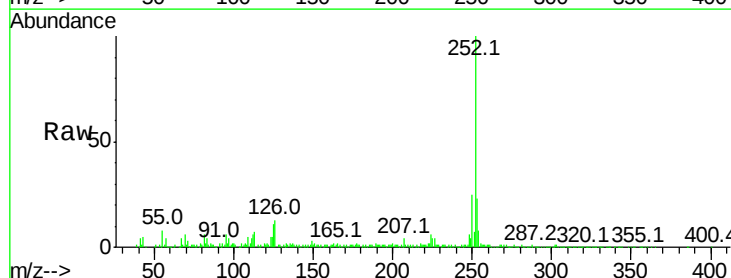
RT: 15.23 min Scan# 2192

Delta R.T. 0.00 min

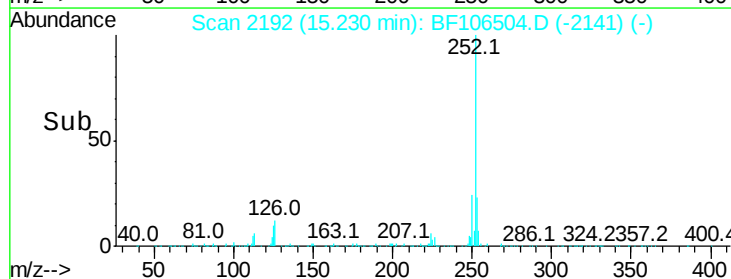
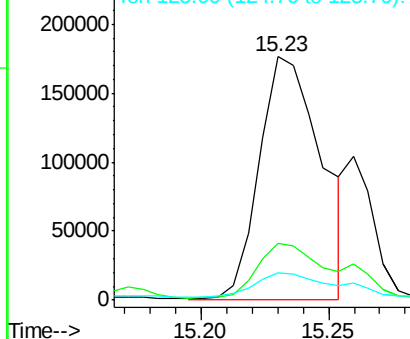
Lab File: BF106504.D

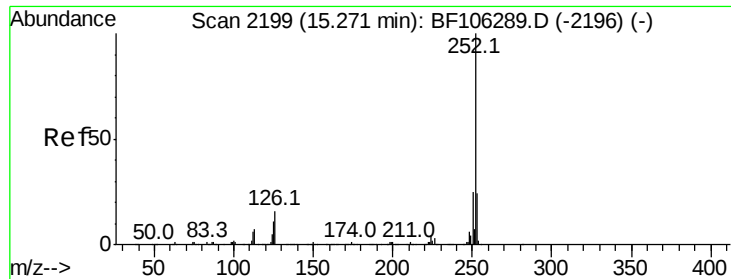
Acq: 15 Jun 2018 20:46

Tgt Ion:	252	Resp:	296459
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.0	25.6
125	11.0	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





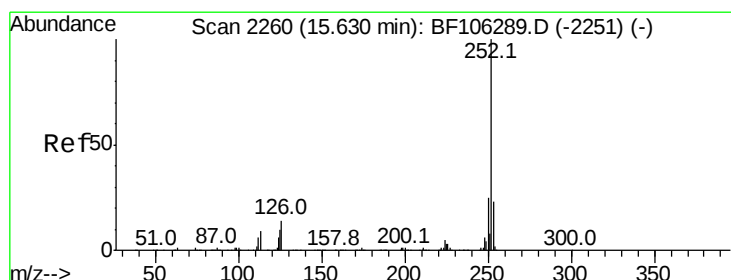
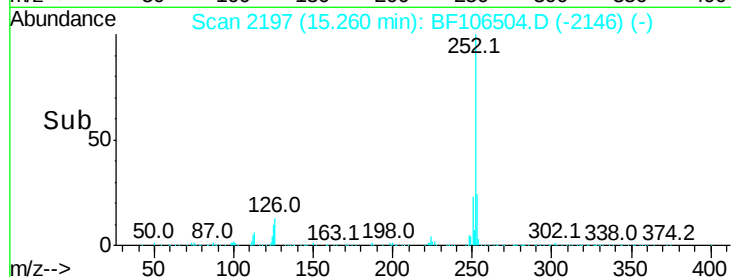
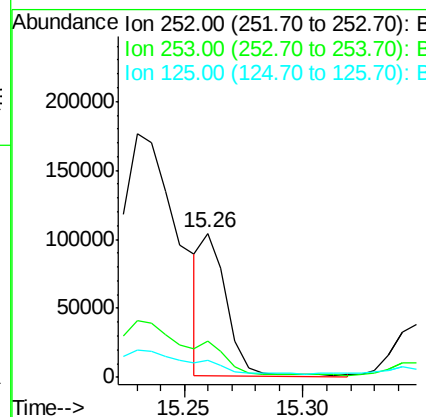
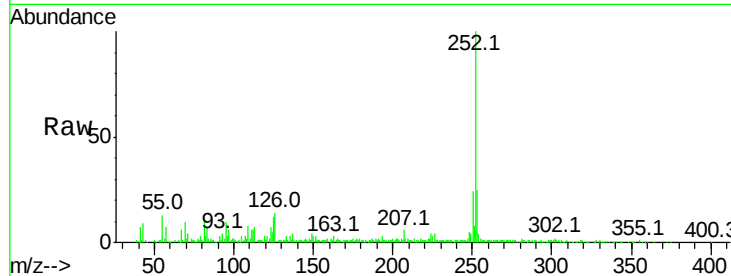
#88
Benzo(k)fluoranthene
Concen: 5.595 ng m
RT: 15.26 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	12.2	10.2	15.2

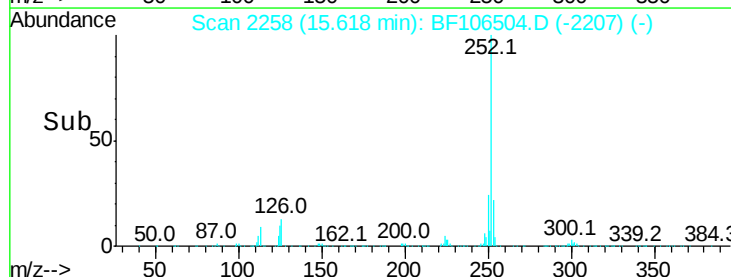
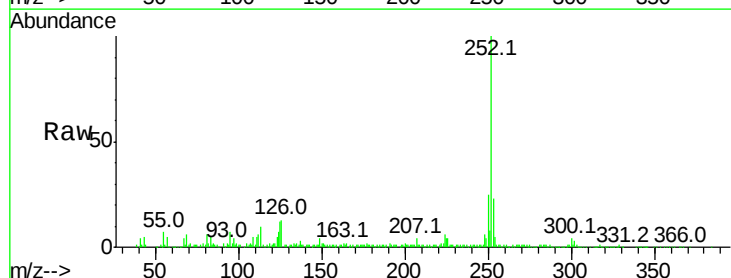
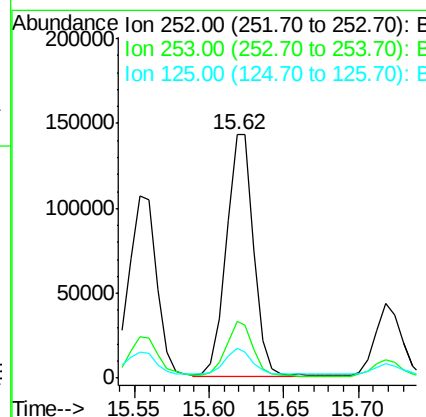
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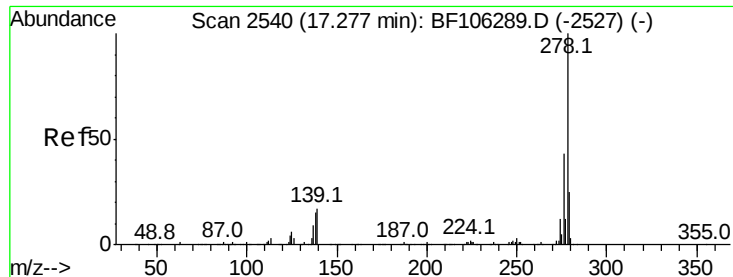
Sohil
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#89
Benzo(a)pyrene
Concen: 14.634 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	12.4	9.8	14.6





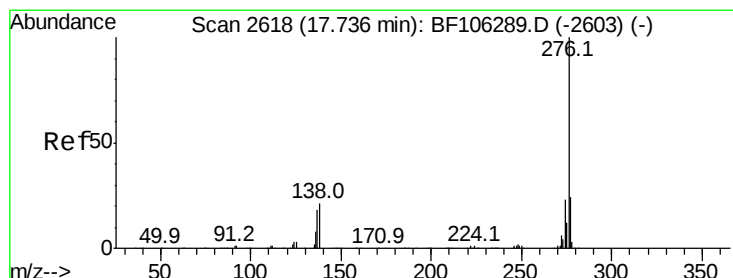
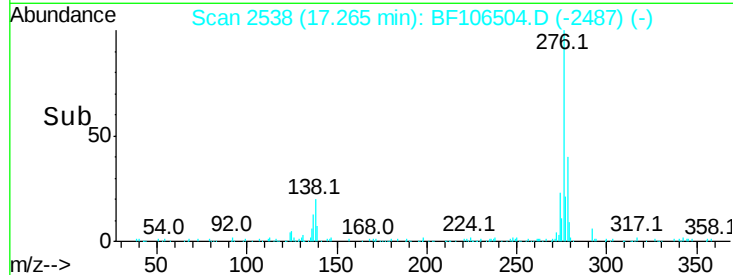
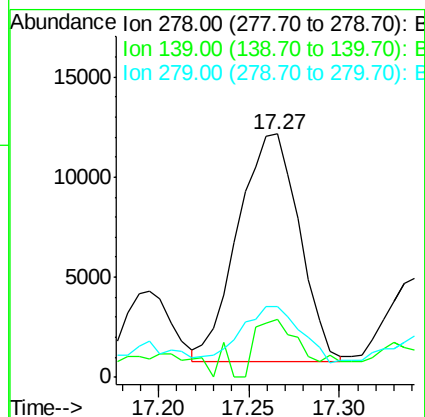
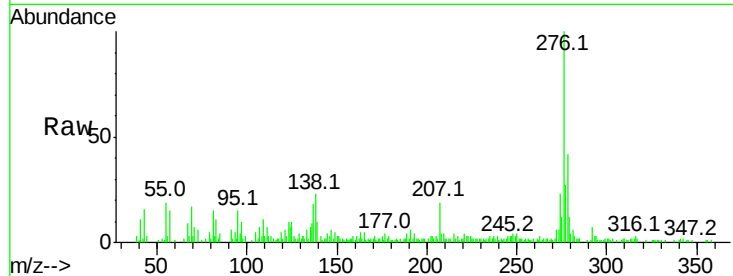
#90
Dibenzo(a,h)anthracene
Concen: 2.540 ng m
RT: 17.27 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-6

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.7	15.9	23.9
279	28.9	19.0	28.4

Manual Integrations
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6/18/2018 10:38:36 AM



#91
Benzo(g,h,i)perylene
Concen: 10.539 ng
RT: 17.73 min Scan# 2617
Delta R.T. 0.00 min
Lab File: BF106504.D
Acq: 15 Jun 2018 20:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	20.5	21.8	32.8

