

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106742.D
 Acq On : 23 Jun 2018 6:53
 Operator : JU/SJ
 Sample : J3581-07 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-C-COMPOSITE

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Quant Time: Jun 25 02:26:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	51826	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	187335	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	78911	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	146957	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	148706	20.00	ng	-0.01
86) Perylene-d12	15.68	264	109159	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	179975	58.80	ng	0.00
7) Phenol-d6	6.60	99	222897	58.32	ng	0.00
23) Nitrobenzene-d5	7.52	82	137074	40.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	54666	59.77	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	255599	48.49	ng	-0.01
78) Terphenyl-d14	13.08	244	285289	46.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	31333	5.294	ng	98
70) Phenanthrene	11.51	178	31584	4.456	ng	99
74) Fluoranthene	12.71	202	71457	9.147	ng	97
77) Pyrene	12.94	202	71757	7.318	ng	99
80) Benzo(a)anthracene	14.13	228	40214	4.437	ng	96
82) Chrysene	14.17	228	36026	4.321	ng	95
83) Bis(2-ethylhexyl)phthalate	14.10	149	10831	2.101	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.24	276	17088	2.415	ng	# 84
87) Benzo(b)fluoranthene	15.22	252	38269m	5.644	ng	
89) Benzo(a)pyrene	15.61	252	24155	4.007	ng	93
91) Benzo(g,h,i)perylene	17.72	276	16259	3.256	ng	# 90

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

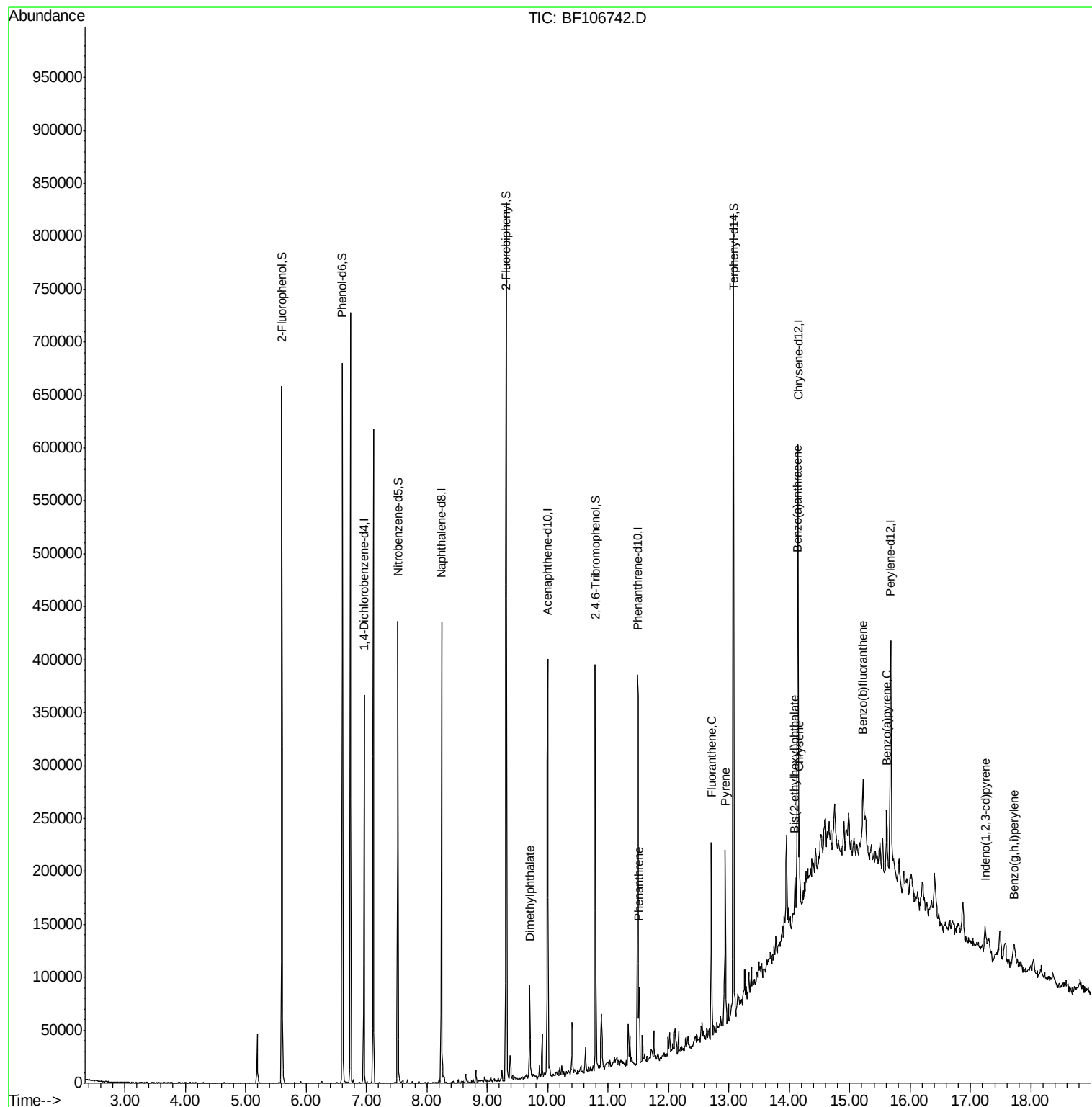
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
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ALS Vial : 32 Sample Multiplier: 1

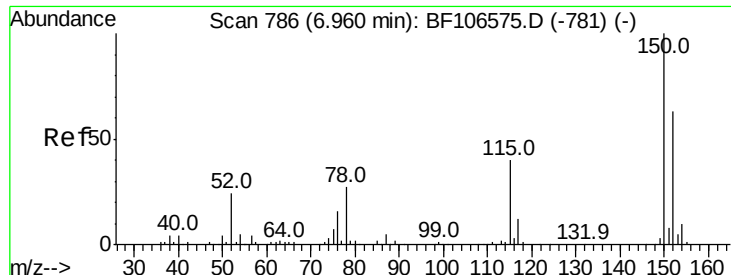
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

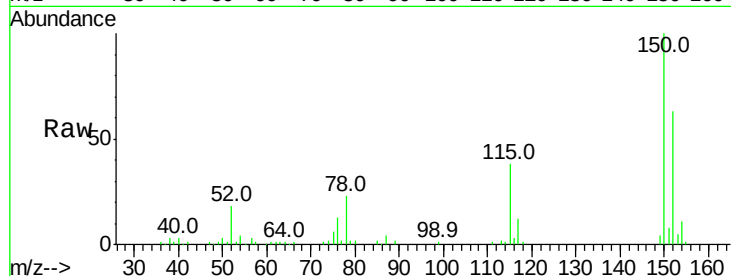
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106742.D
Acq: 23 Jun 2018 6:53

Instrument :
BNA_F
ClientSampleId :
SSP-C-COMPOSITE

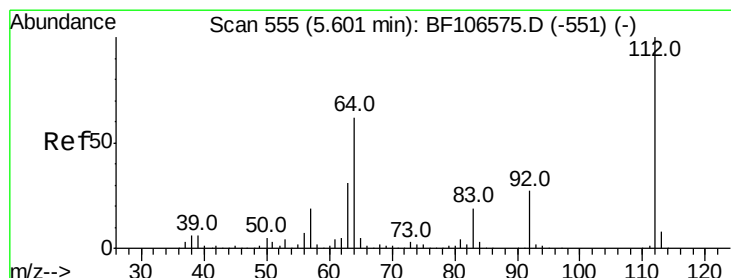
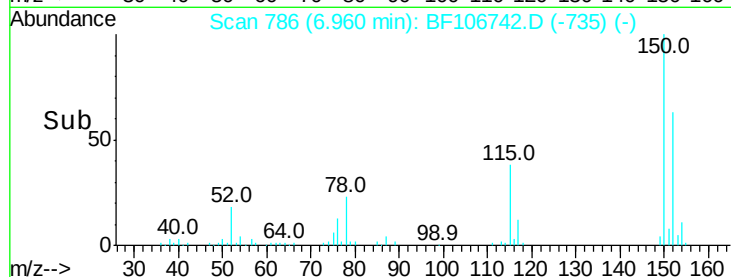
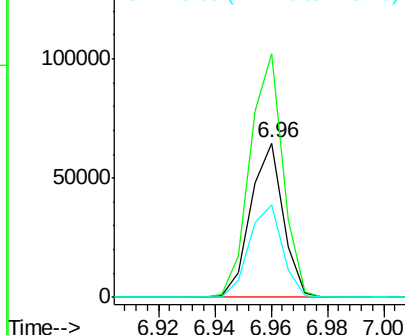
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	59.8	50.1	75.1

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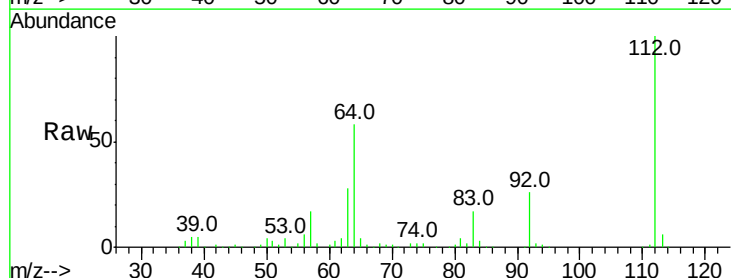
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



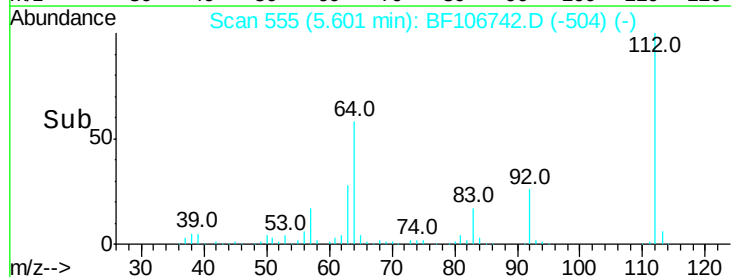
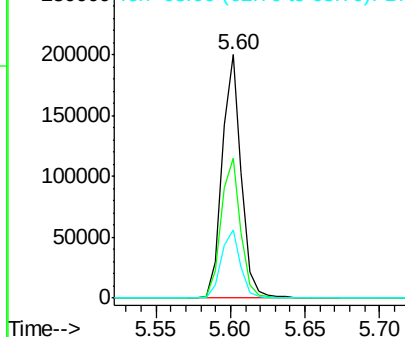
#5

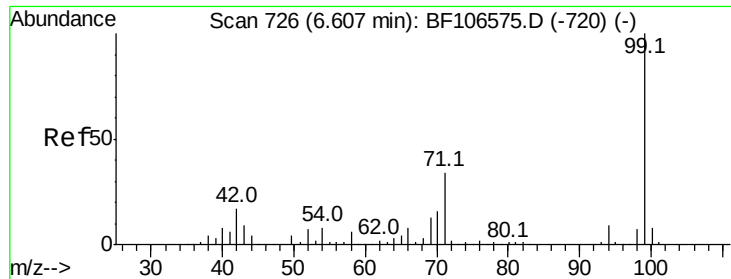
2-Fluorophenol
Concen: 58.803 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106742.D
Acq: 23 Jun 2018 6:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	27.9	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: 58.318 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106742.D

Acq: 23 Jun 2018 6:53

Instrument :

BNA_F

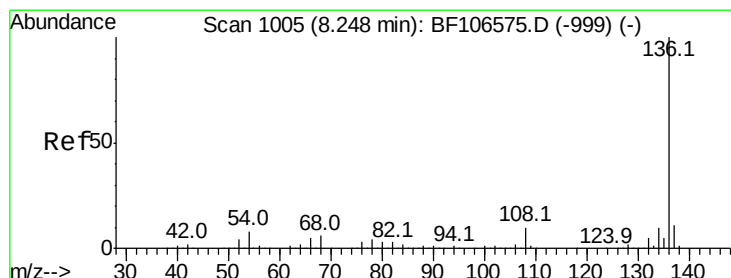
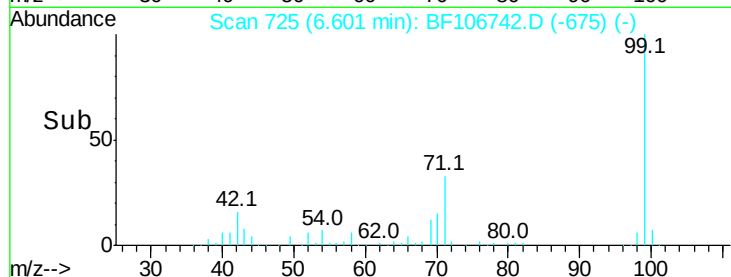
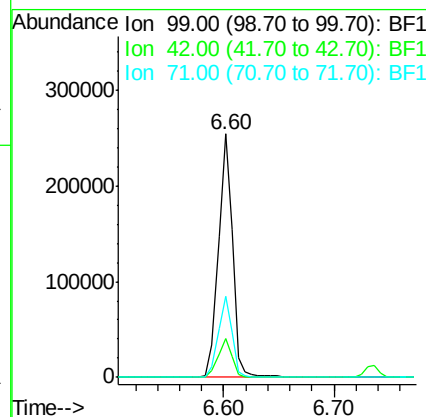
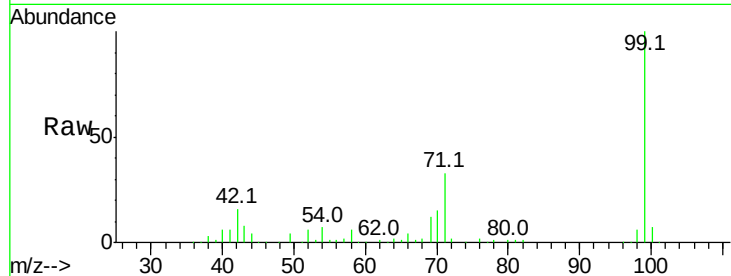
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		222897		
42	15.9	14.5	21.7		
71	33.1	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

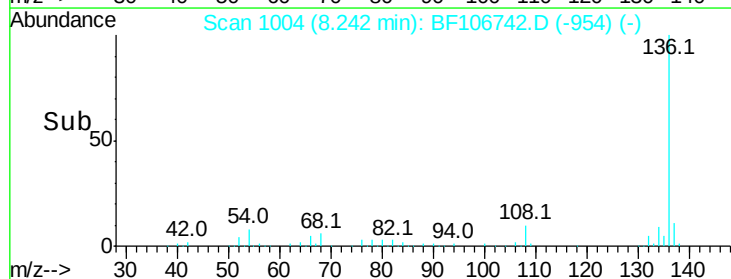
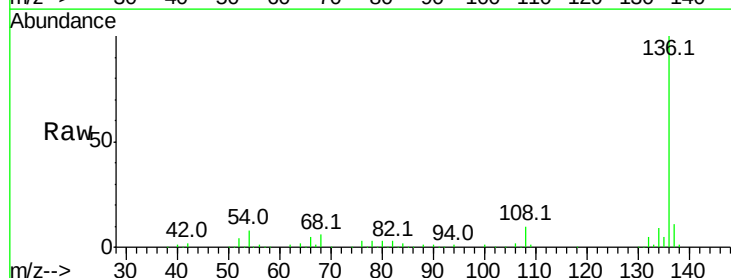
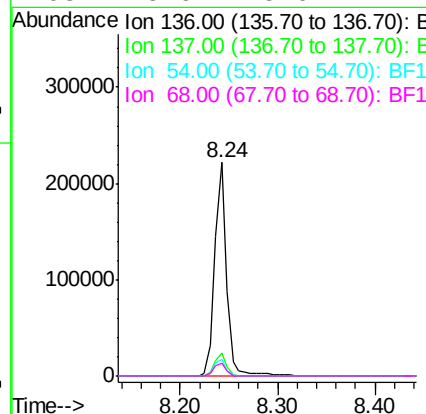
RT: 8.24 min Scan# 1004

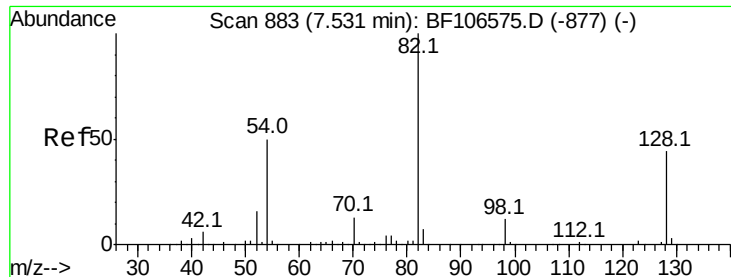
Delta R.T. -0.01 min

Lab File: BF106742.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		187335		
137	10.8	8.9	13.3		
54	7.7	6.6	9.8		
68	5.9	5.0	7.4		





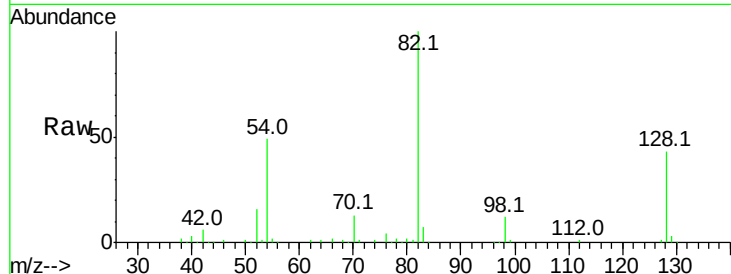
#23
 Nitrobenzene-d5
 Concen: 40.663 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Instrument :
 BNA_F
 ClientSampleId :
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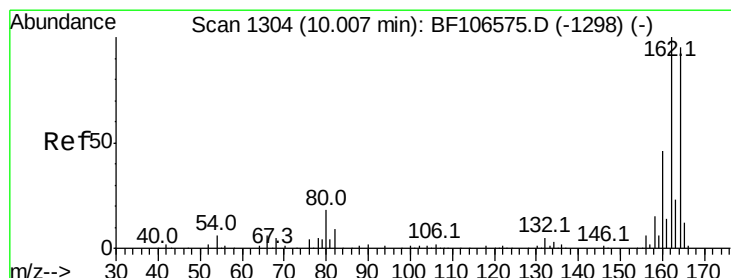
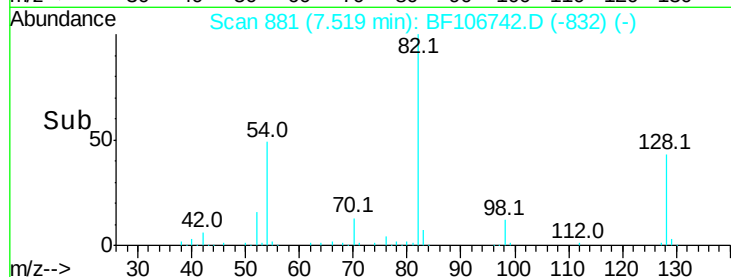
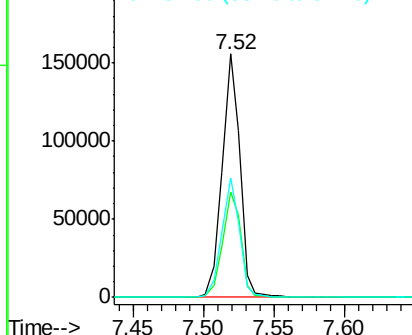
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	49.1	41.4	62.2

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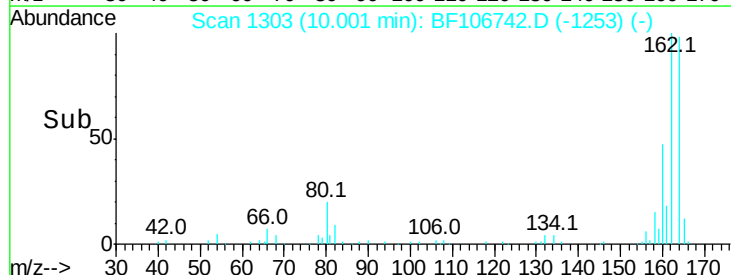
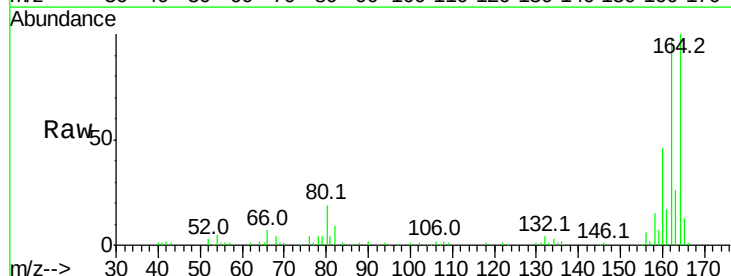
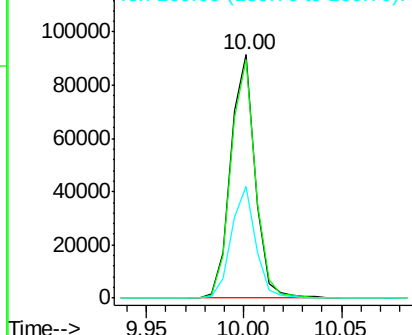
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

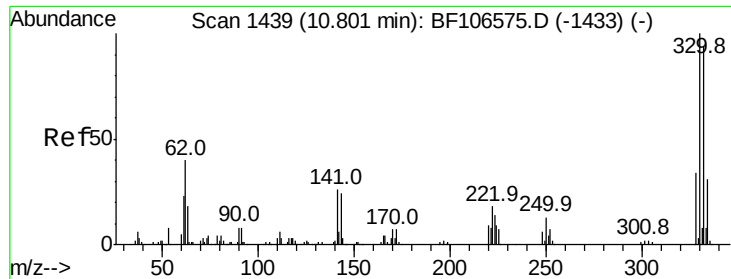


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	45.7	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





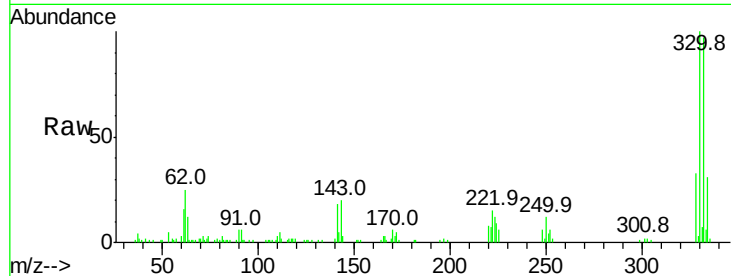
#41
 2,4,6-Tribromophenol
 Concen: 59.770 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Instrument :
 BNA_F
 ClientSampleId :
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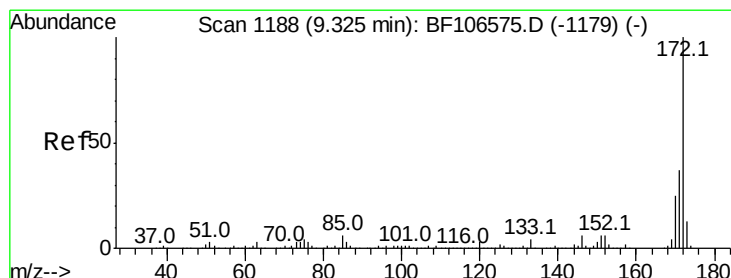
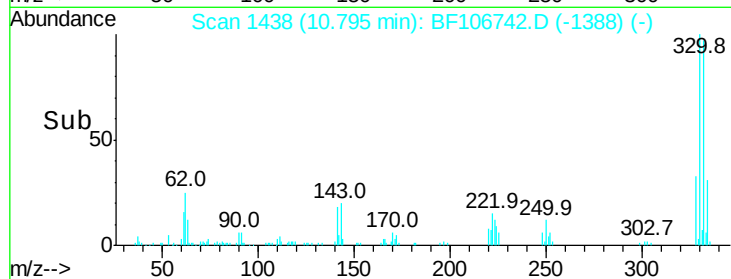
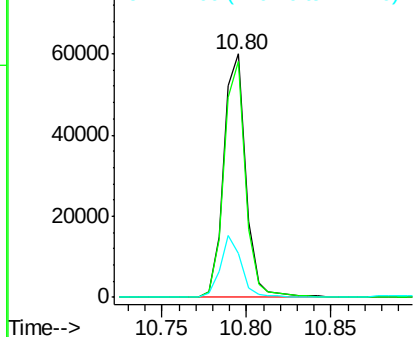
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	24.1	29.9	44.9	

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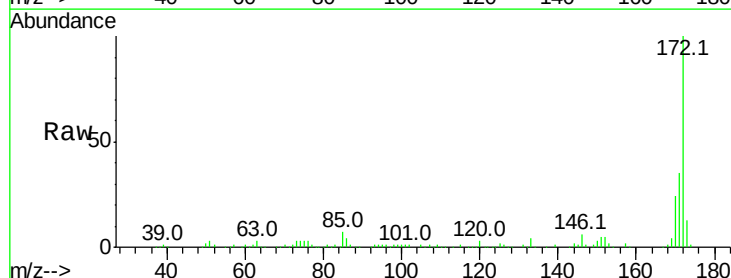


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

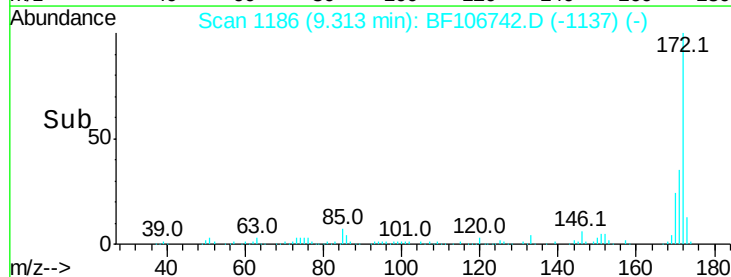
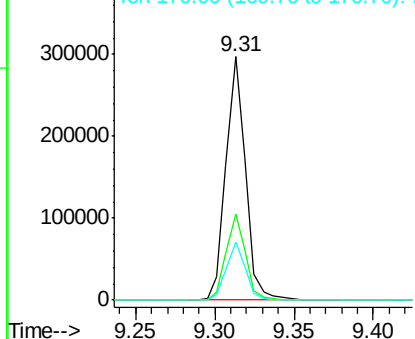


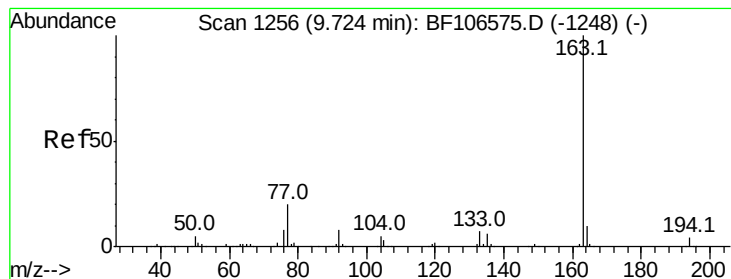
#44
 2-Fluorobiphenyl
 Concen: 48.489 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	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: 5.294 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106742.D

Acq: 23 Jun 2018 6:53

Instrument :

BNA_F

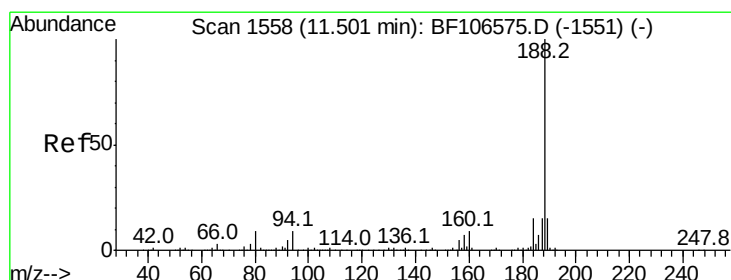
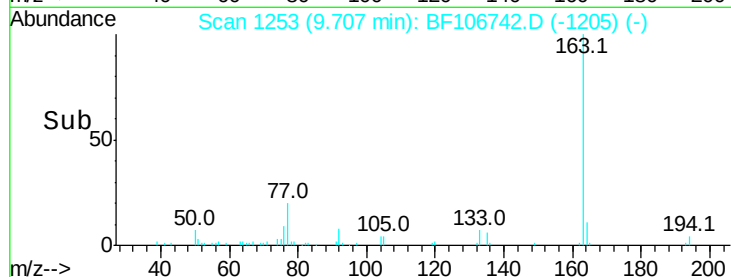
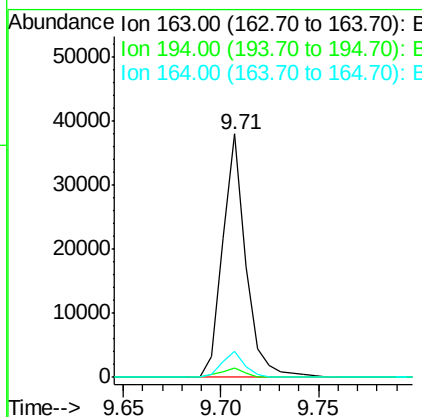
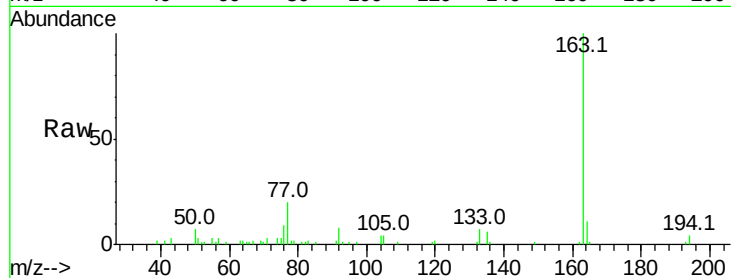
ClientSampleId :

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Tot Ion:	163	Resp:	31333
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.9	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

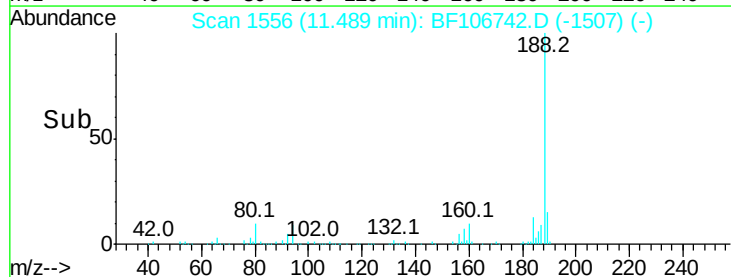
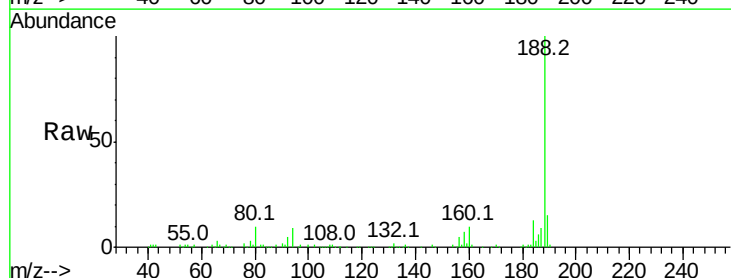
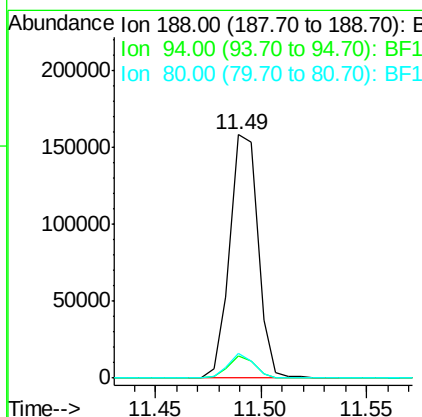
RT: 11.49 min Scan# 1556

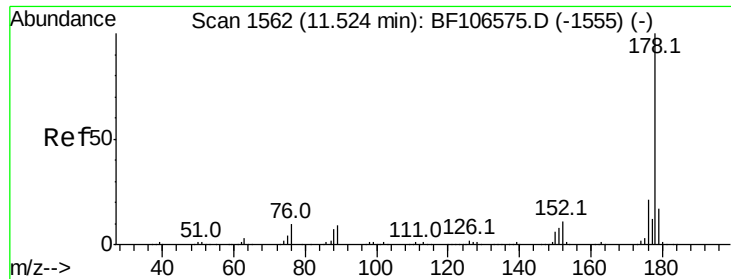
Delta R.T. -0.01 min

Lab File: BF106742.D

Acq: 23 Jun 2018 6:53

Tgt Ion:	188	Resp:	146957
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	10.2	9.2	13.8





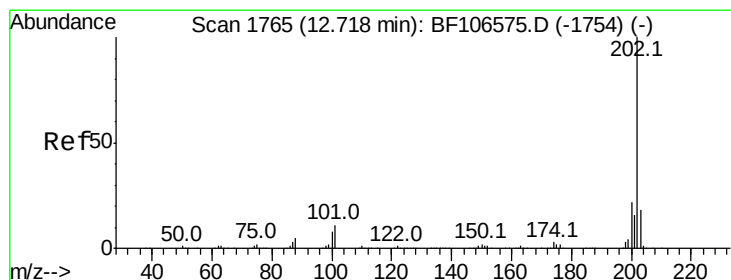
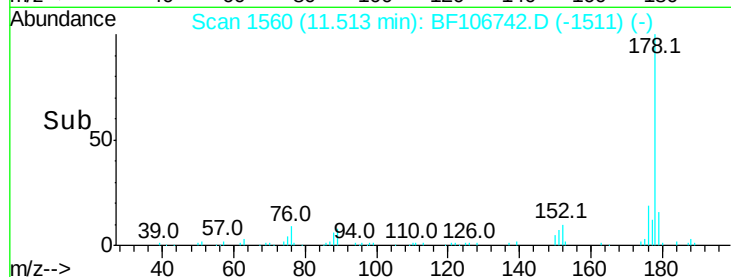
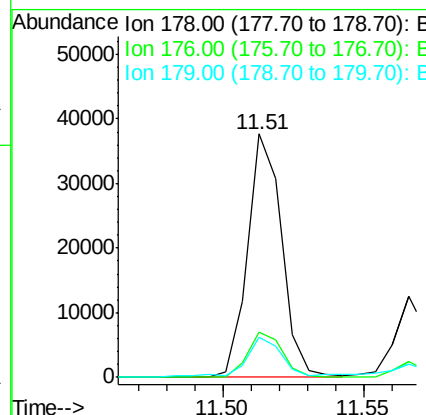
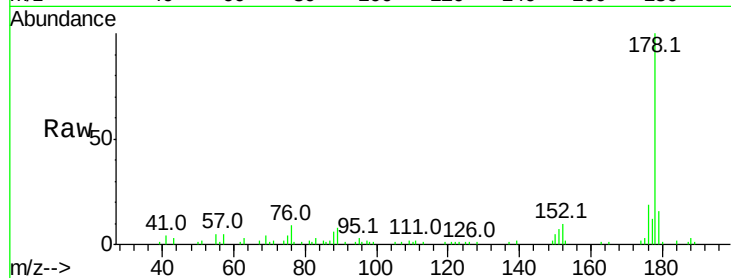
#70
Phenanthrene
Concen: 4.456 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106742.D
Acq: 23 Jun 2018 6:53

Instrument :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	16.3	13.0	19.6

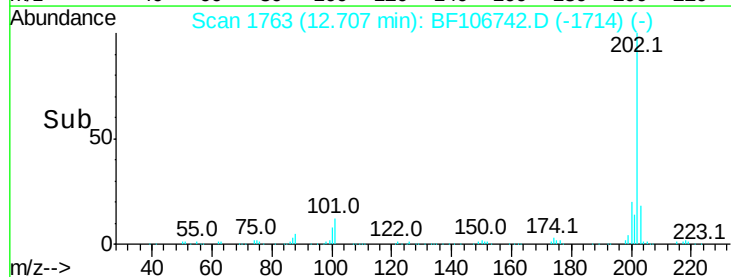
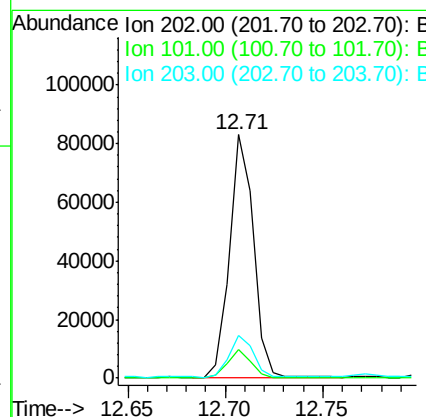
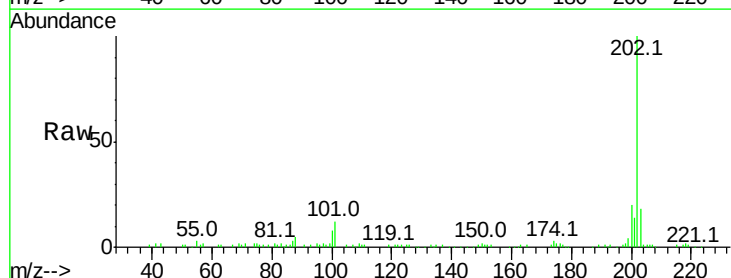
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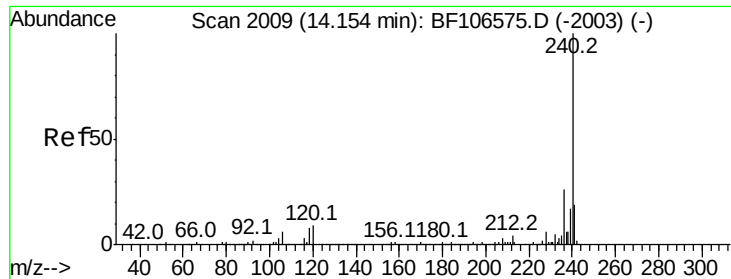
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#74
Fluoranthene
Concen: 9.147 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106742.D
Acq: 23 Jun 2018 6:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106742.D

Acq: 23 Jun 2018 6:53

Instrument :

BNA_F

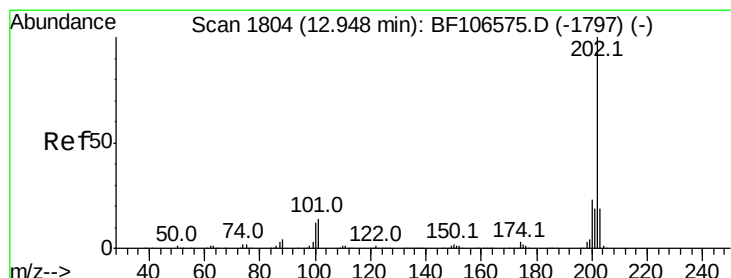
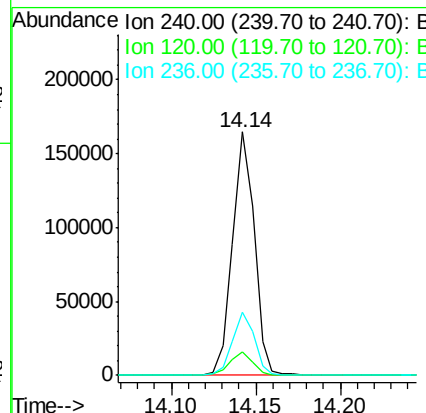
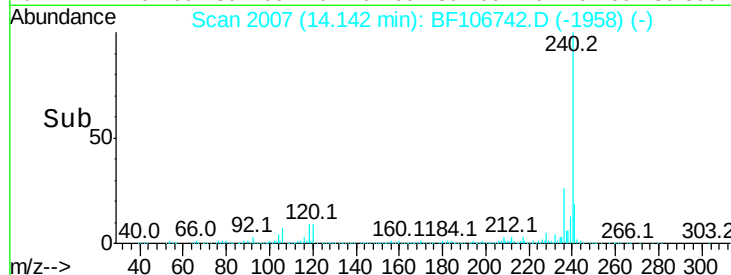
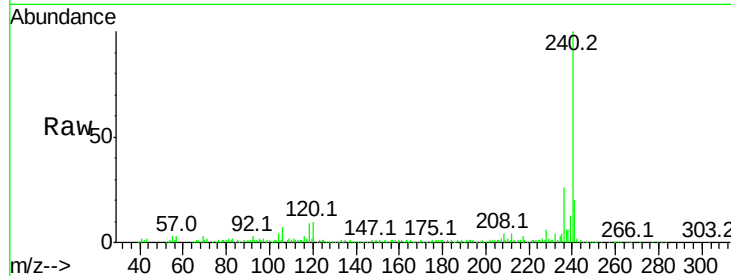
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.0	20.7	31.1

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#77

Pyrene

Concen: 7.318 ng

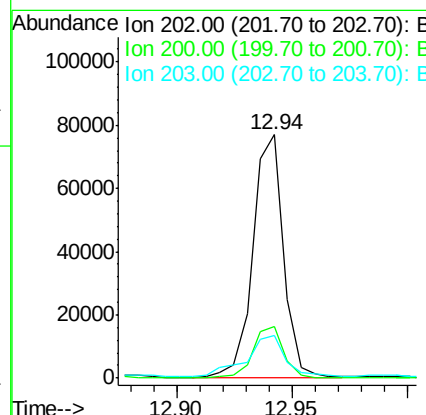
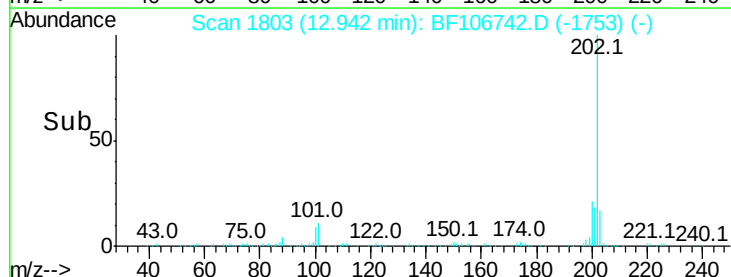
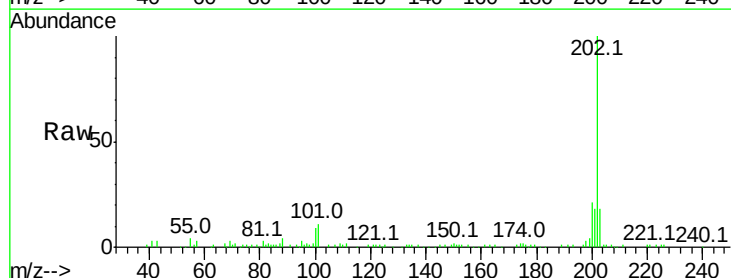
RT: 12.94 min Scan# 1803

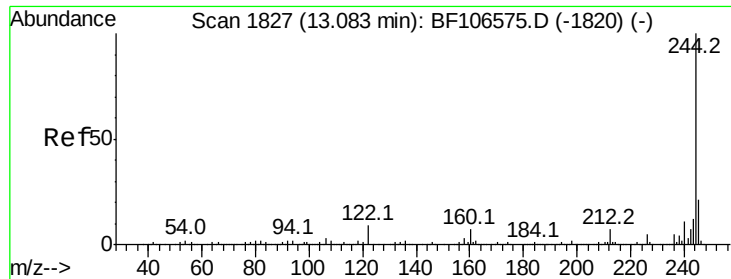
Delta R.T. -0.01 min

Lab File: BF106742.D

Acq: 23 Jun 2018 6:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.6	14.3	21.5





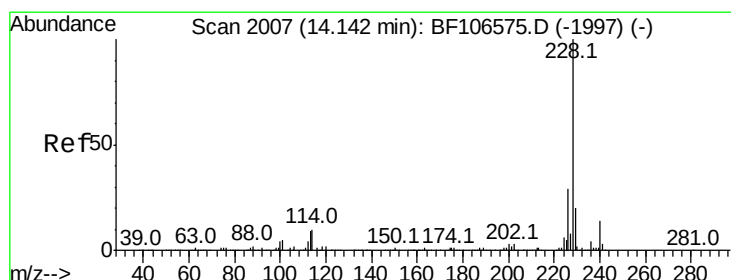
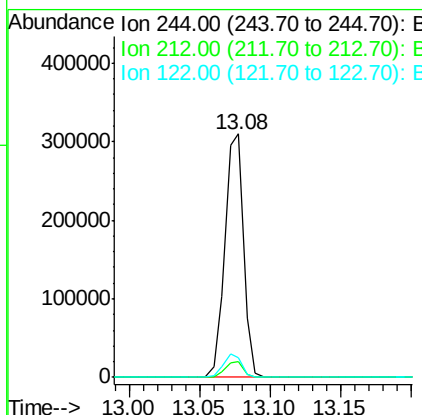
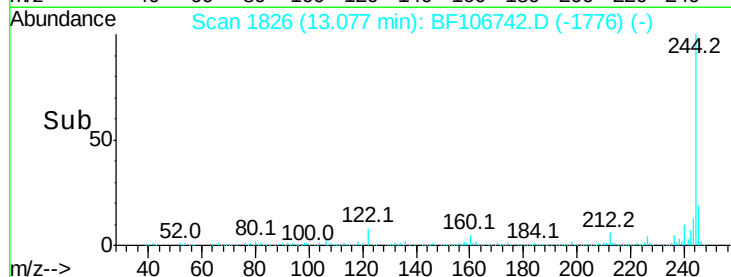
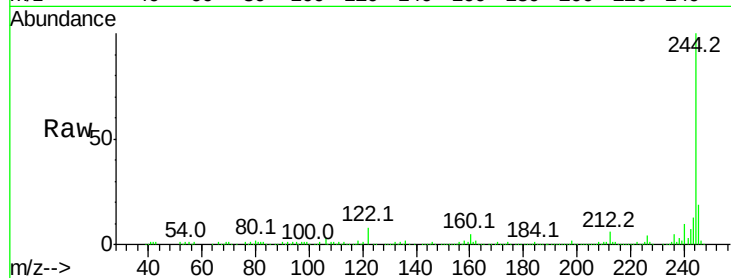
#78
 Terphenyl-d14
 Concen: 46.471 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-C-COMPOSITE

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.4	8.0
122	8.0	11.0	16.4

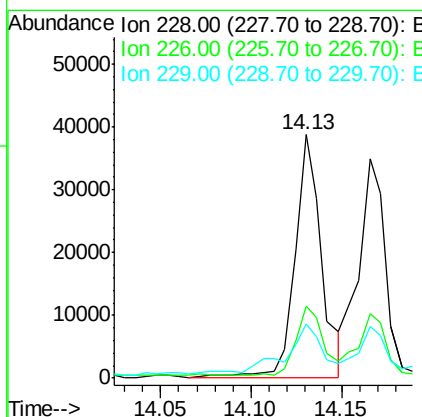
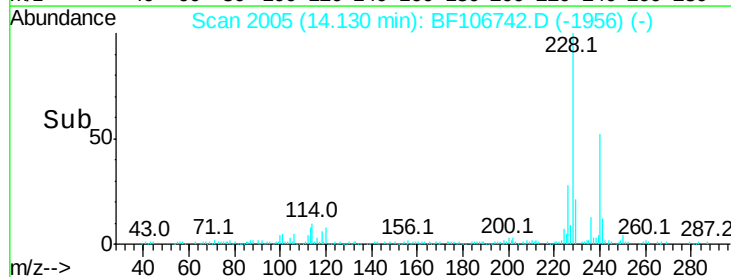
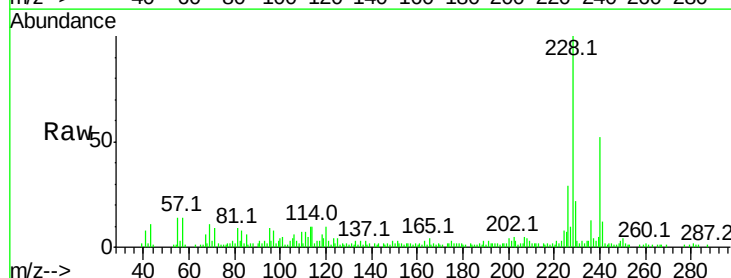
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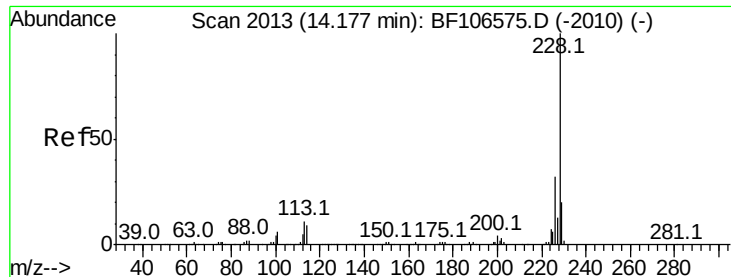
Sohil
 6/25/2018 5:17:15 PM



#80
 Benzo(a)anthracene
 Concen: 4.437 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.4	22.6	33.8
229	22.4	15.8	23.6





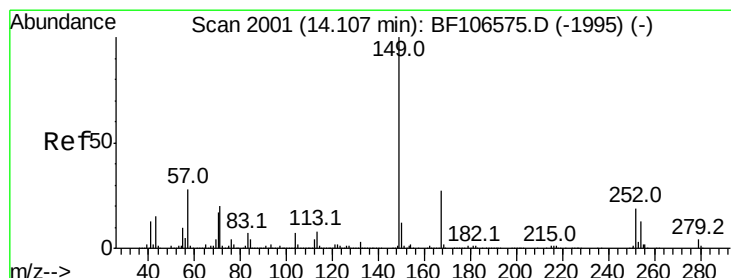
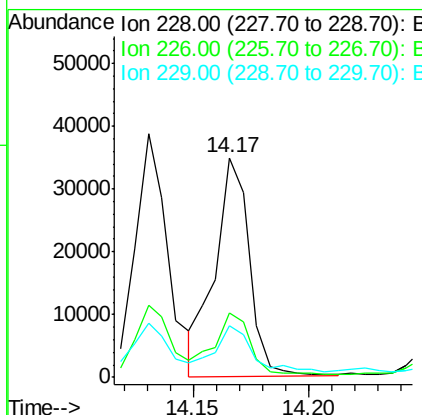
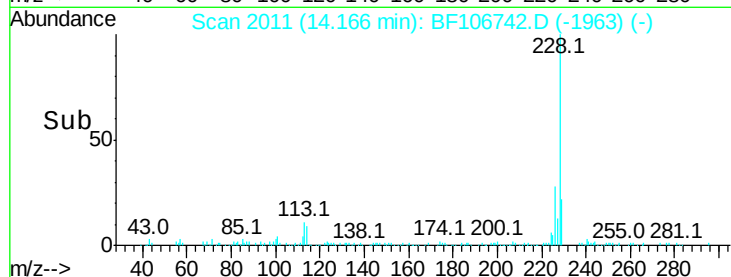
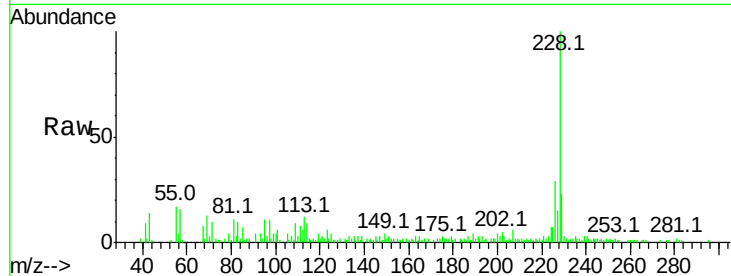
#82
Chrysene
Concen: 4.321 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF106742.D
Acq: 23 Jun 2018 6:53

Instrument :
BNA_F
ClientSampleId :
SSP-C-COMPOSITE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	23.3	16.2	24.4

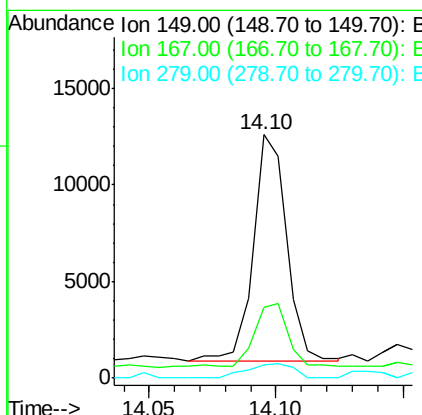
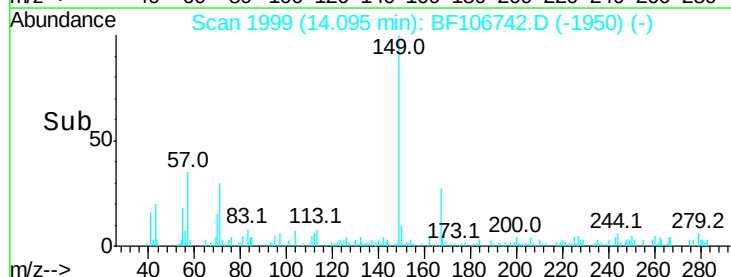
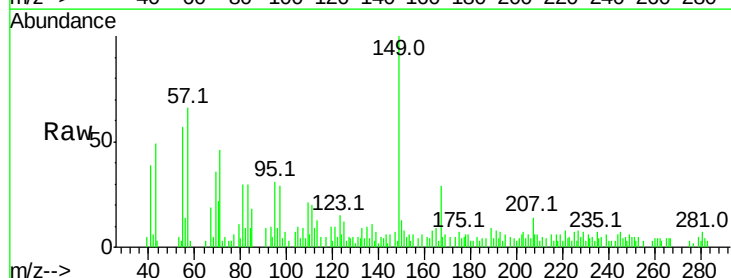
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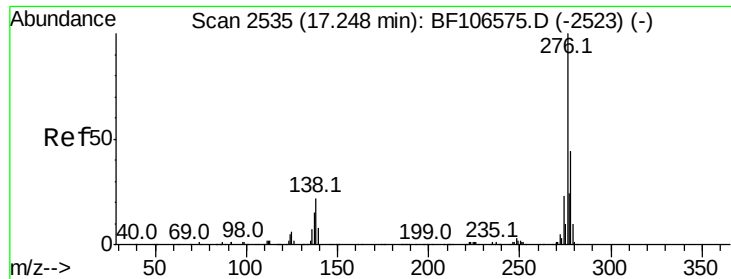
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#83
Bis(2-ethylhexyl)phthalate
Concen: 2.101 ng
RT: 14.10 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF106742.D
Acq: 23 Jun 2018 6:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.3	31.9
279	5.4	3.0	4.4#





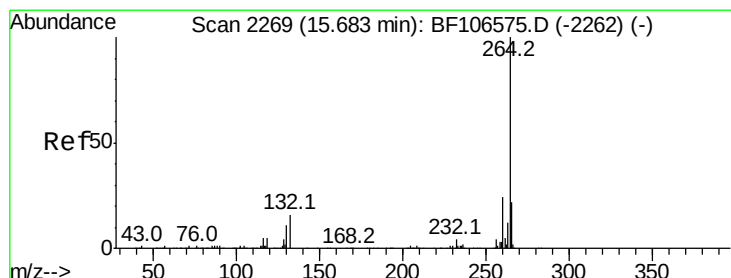
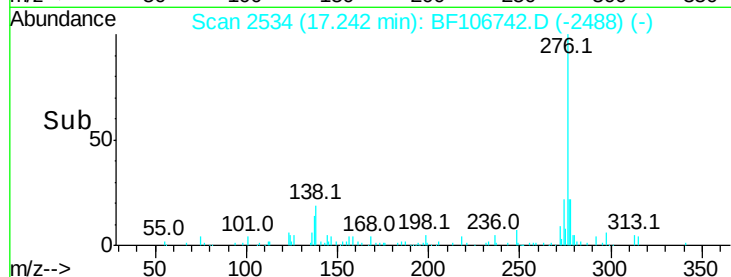
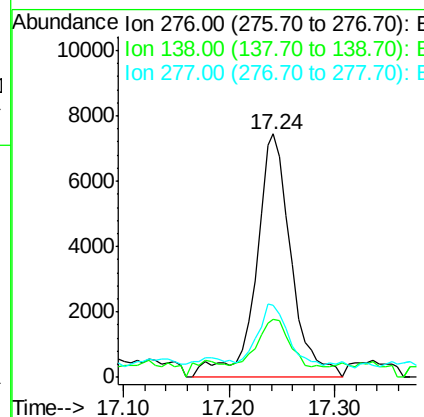
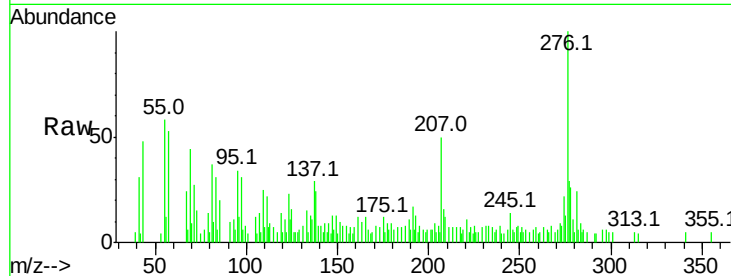
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.415 ng
 RT: 17.24 min Scan# 2534
 Delta R.T. -0.03 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-C-COMPOSITE

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	25.0	37.6#
277	22.8	20.1	30.1

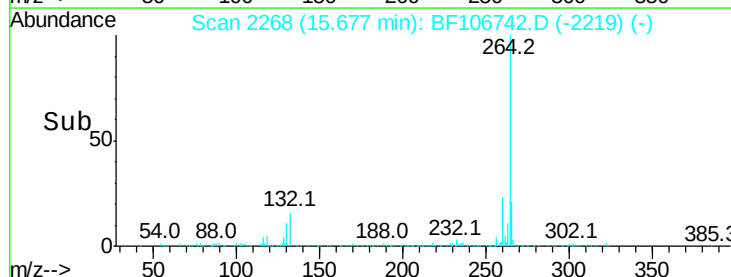
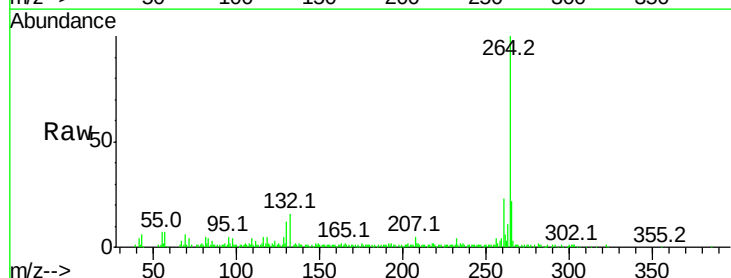
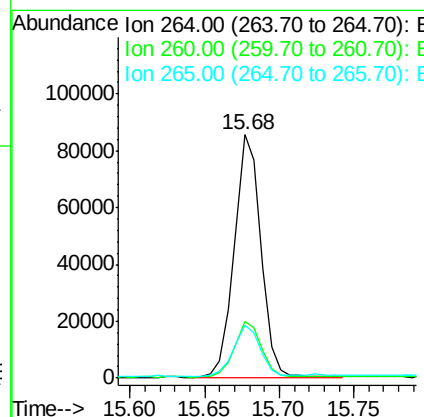
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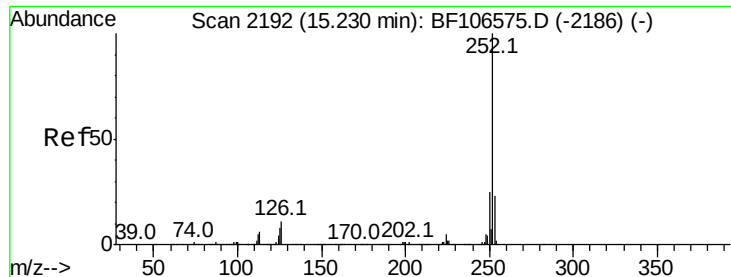
Sohil
 6/25/2018 5:17:15 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 5.644 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF106742.D

Acq: 23 Jun 2018 6:53

Instrument :

BNA_F

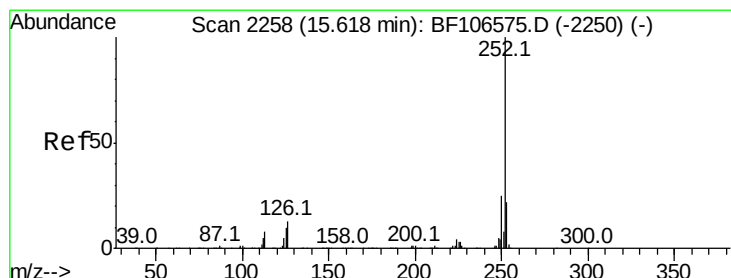
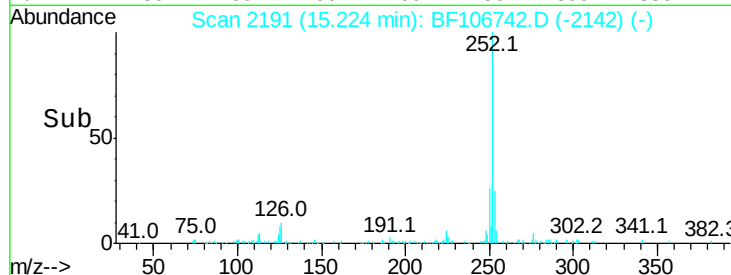
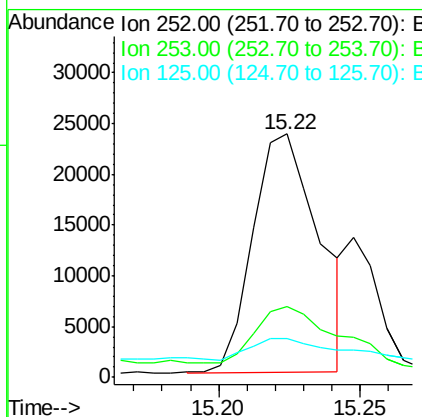
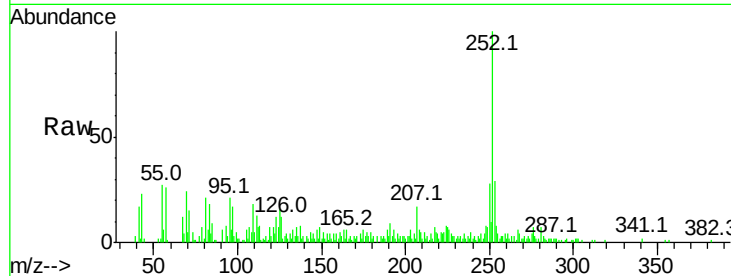
ClientSampleId :

SSP-C-COMPOSITE

Tot Ion:	252	Resp:	38269
Ion Ratio	Lower	Upper	
252	100		
253	29.3	17.0	25.6#
125	16.0	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 4.007 ng

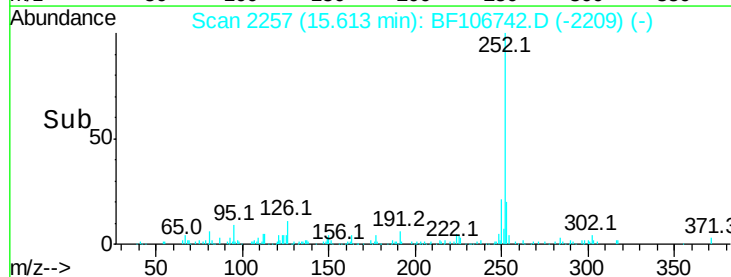
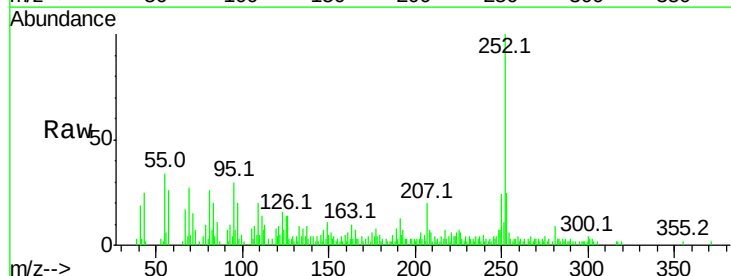
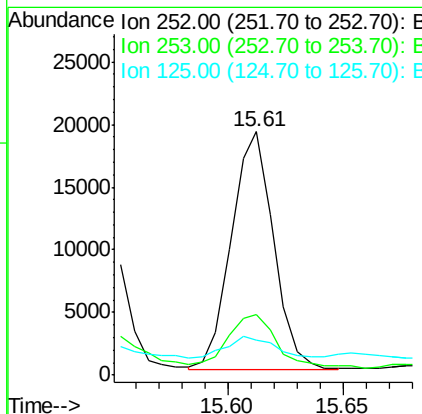
RT: 15.61 min Scan# 2257

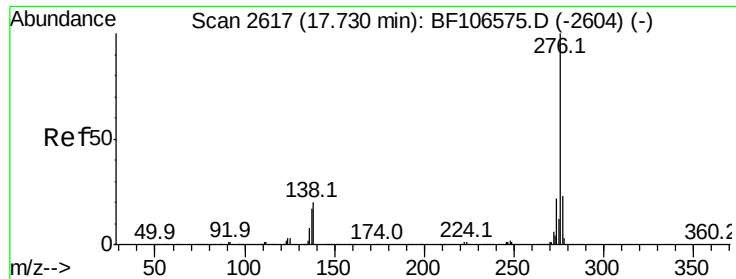
Delta R.T. -0.02 min

Lab File: BF106742.D

Acq: 23 Jun 2018 6:53

Tgt Ion:	252	Resp:	24155
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.1	25.7
125	14.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.256 ng
 RT: 17.72 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BF106742.D
 Acq: 23 Jun 2018 6:53

Instrument :
 BNA_F
 ClientSampleId :
 SSP-C-COMPOSITE

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.3	17.9	26.9
138	20.8	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 6/25/2018 5:17:15 PM

