

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107178.D
 Acq On : 6 Jul 2018 17:40
 Operator : JU/SJ
 Sample : J3868-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 TP-TP-5-S

Manual Integrations
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Quant Time: Jul 09 04:07:05 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 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.94	152	62495	20.00	ng	-0.02	
21) Naphthalene-d8	8.22	136	244178	20.00	ng	-0.02	
38) Acenaphthene-d10	9.98	164	119374	20.00	ng	-0.02	
63) Phenanthrene-d10	11.48	188	204097	20.00	ng	-0.02	
75) Chrysene-d12	14.14	240	181050	20.00	ng	-0.03	
86) Perylene-d12	15.67	264	161934	20.00	ng	-0.05	
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	308551	83.60	ng	-0.01	
7) Phenol-d6	6.59	99	399008	86.57	ng	-0.02	
23) Nitrobenzene-d5	7.51	82	247901	56.42	ng	-0.02	
41) 2,4,6-Tribromophenol	10.78	330	115777	83.68	ng	-0.02	
44) 2-Fluorobiphenyl	9.30	172	461125	61.26	ng	-0.02	
78) Terphenyl-d14	13.07	244	416717	55.75	ng	-0.02	
Target Compounds							
49) Dimethylphthalate	9.70	163	152056	16.983	ng		99
70) Phenanthrene	11.50	178	69701	7.081	ng		98
74) Fluoranthene	12.70	202	146214	13.476	ng		93
77) Pyrene	12.93	202	137523	11.519	ng		99
80) Benzo(a)anthracene	14.12	228	82386	7.466	ng		98
82) Chrysene	14.16	228	80753	7.955	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	27796	4.429	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	32602	3.784	ng	#	89
87) Benzo(b)fluoranthene	15.21	252	99572m	9.899	ng		
88) Benzo(k)fluoranthene	15.24	252	31169m	3.254	ng		
89) Benzo(a)pyrene	15.60	252	66628	7.451	ng		95
91) Benzo(a,h,i)perylene	17.72	276	32055	4.327	ng	#	92

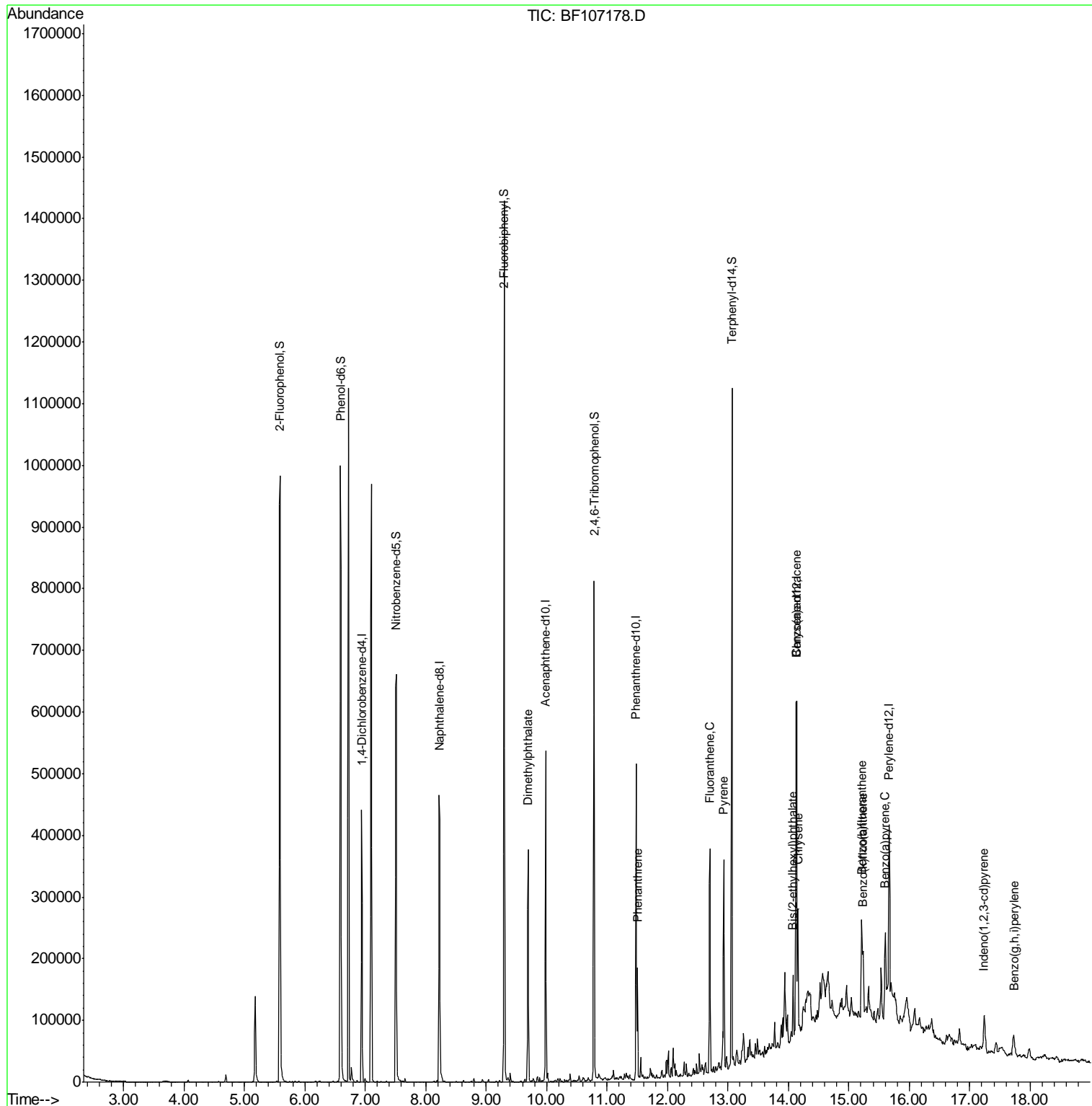
(#) = qualifier out of range (m) = manual integration (+) = signals summed

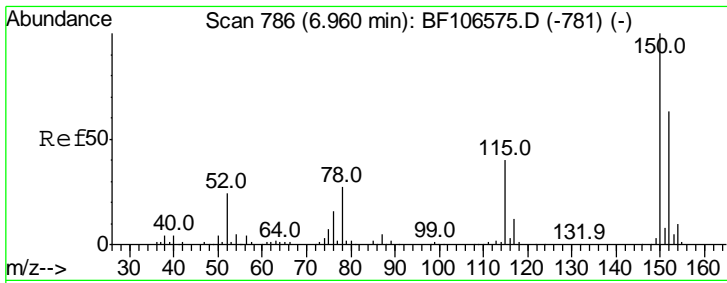
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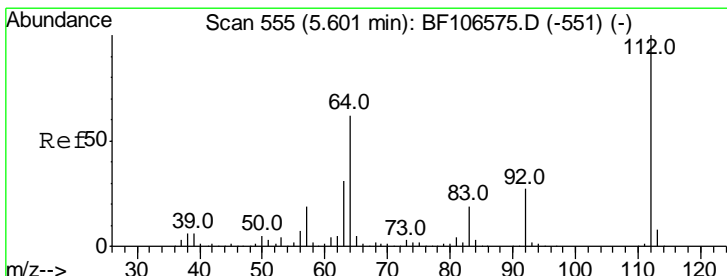
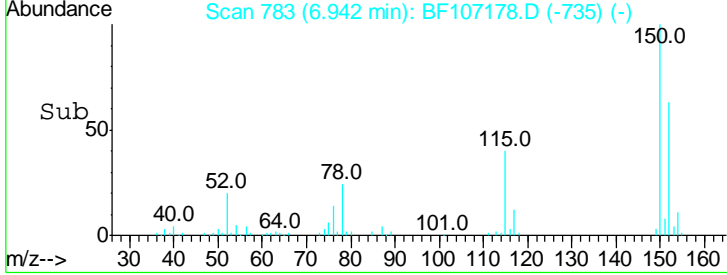
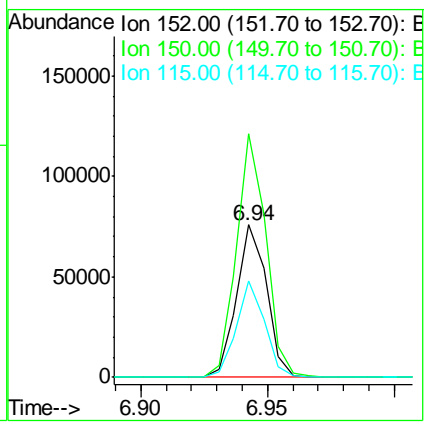
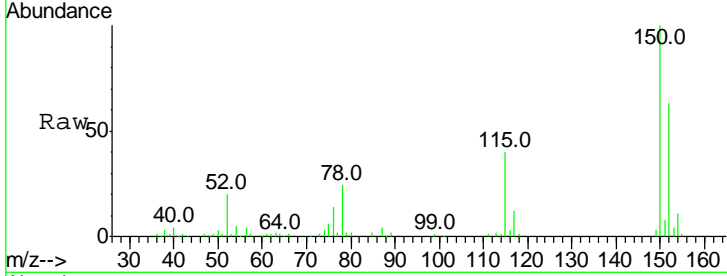


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
ClientSampled :
 TP-TP-5-S

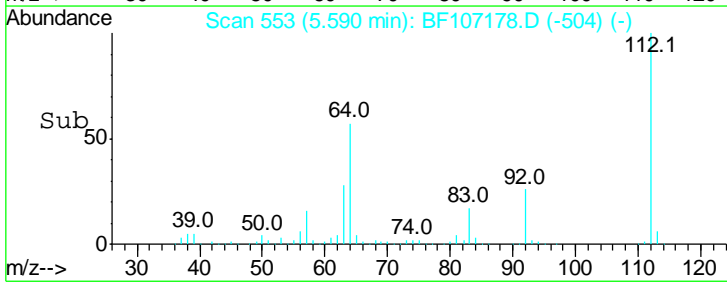
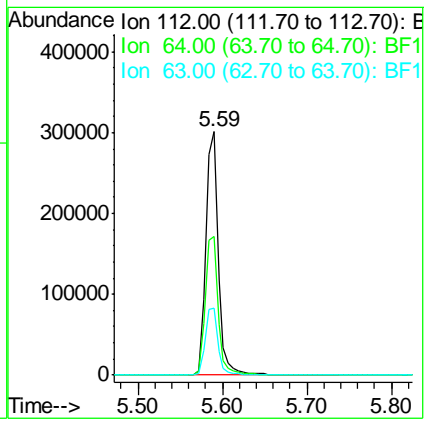
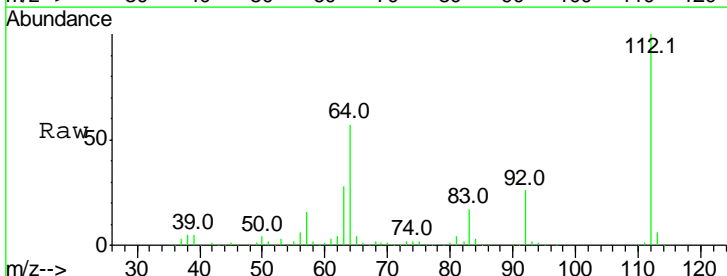
Tgt Ion	Resp	Lower	Upper
152	62495		
152	100		
150	159.8	124.6	186.8
115	63.2	50.1	75.1

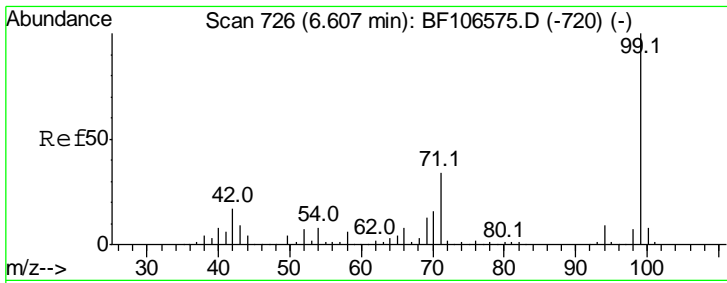
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#5
 2-Fluorophenol
 Concen: 83.603 ng
 RT: 5.59 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Tgt Ion	Resp	Lower	Upper
112	308551		
112	100		
64	56.9	47.9	71.9
63	27.6	23.7	35.5





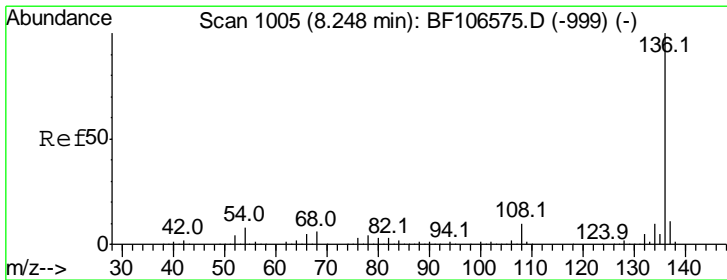
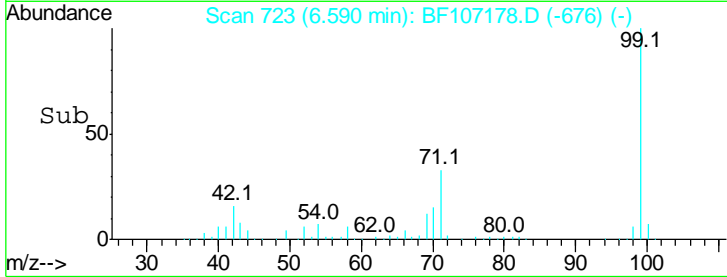
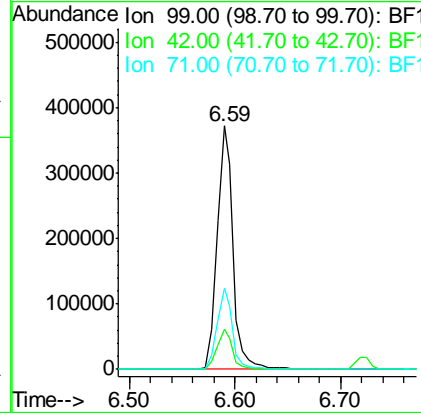
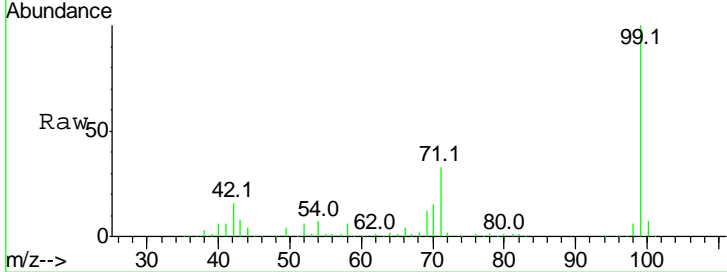
#7
 Phenol-d6
 Concen: 86.572 ng
 RT: 6.59 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
ClientSampled :
 TP-TP-5-S

Tgt Ion	Resp	Lower	Upper
99	399008		
99	100		
42	16.4	14.5	21.7
71	33.1	25.4	38.0

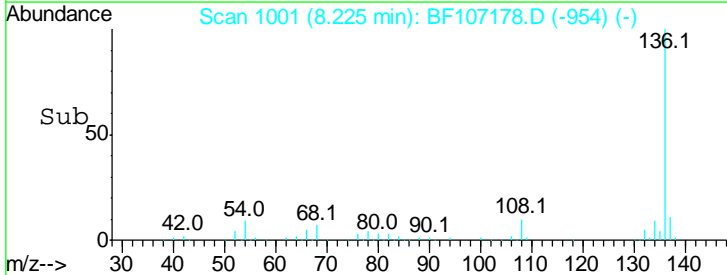
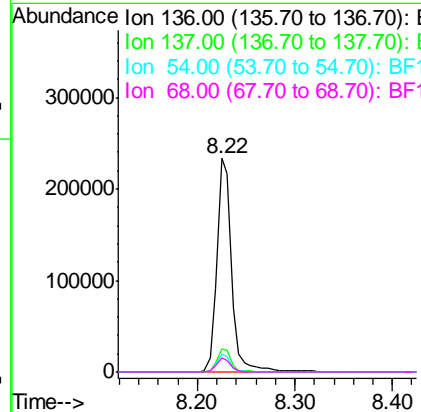
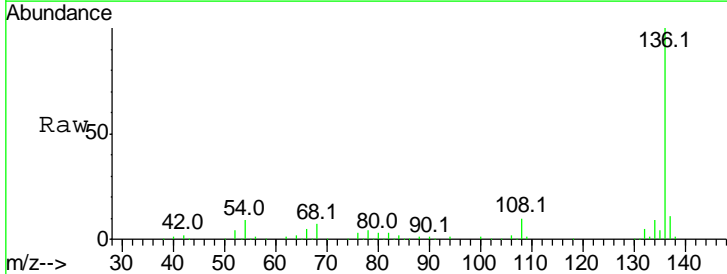
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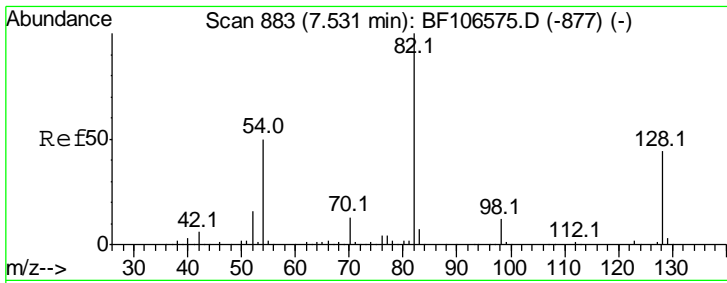
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.22 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Tgt Ion	Resp	Lower	Upper
136	244178		
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.7	5.0	7.4



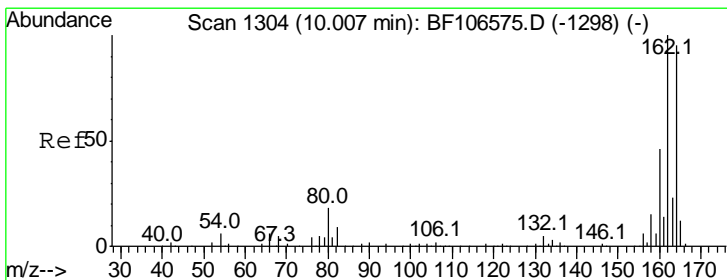
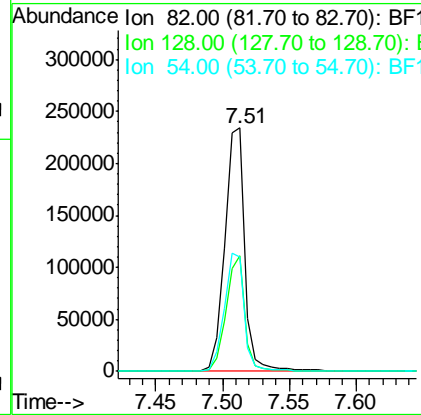
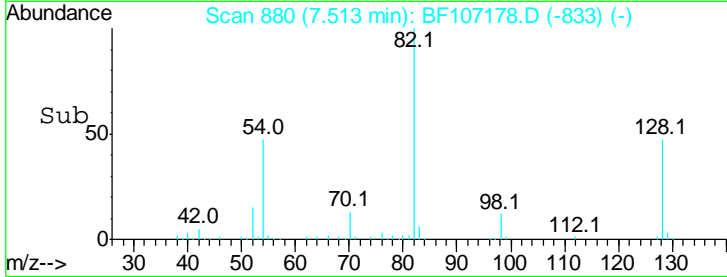
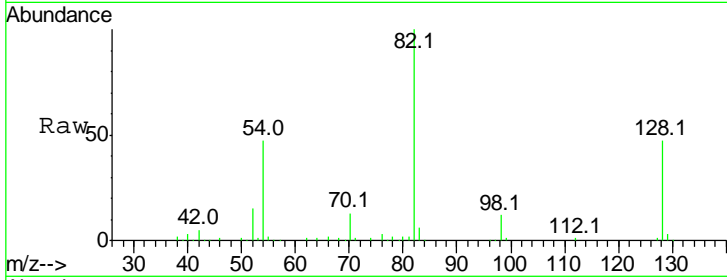


#23
 Nitrobenzene-d5
 Concen: 56.421 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
ClientSampled :
 TP-TP-5-S

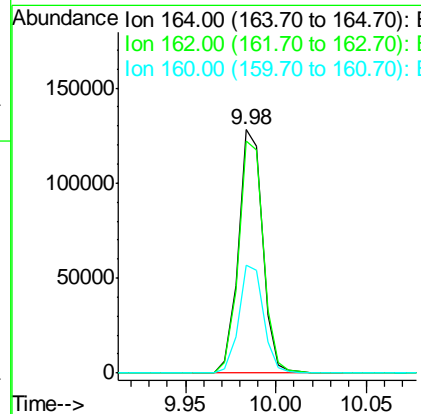
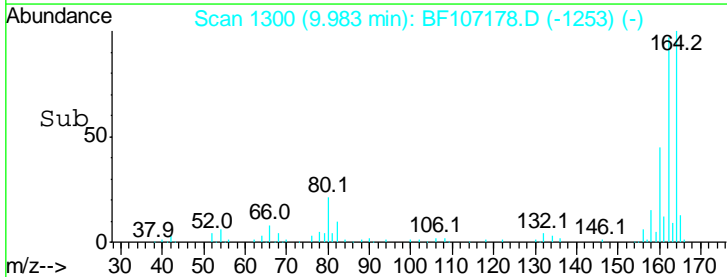
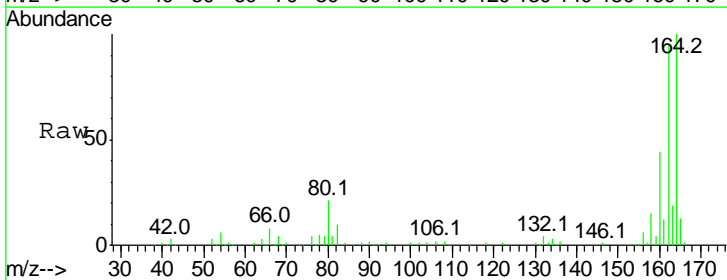
Tgt Ion	Resp	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	47.0	41.4	62.2

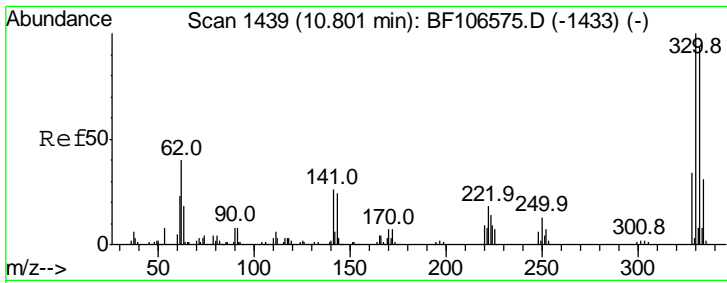
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

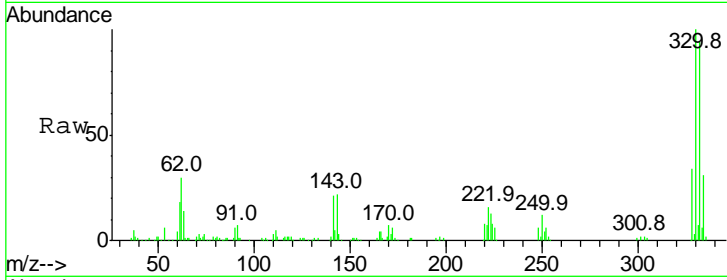
Tgt Ion	Resp	Lower	Upper
164	100		
162	95.4	86.1	129.1
160	44.1	38.3	57.5





#41
 2,4,6-Tribromophenol
 Concen: 83.679 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

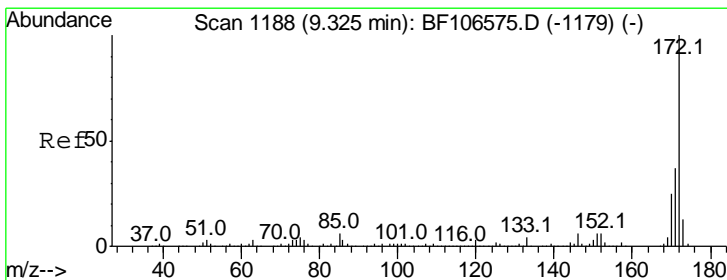
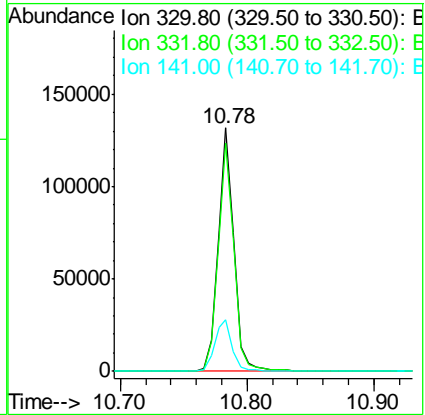
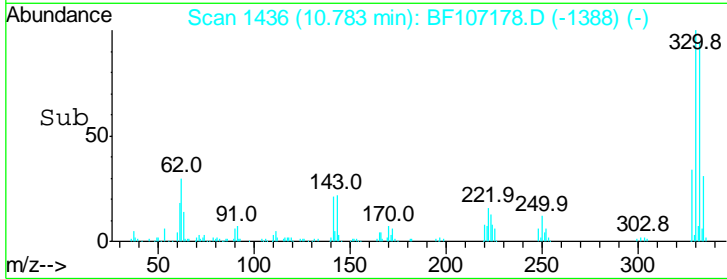
Instrument :
 BNA_F
 ClientSampled :
 TP-TP-5-S



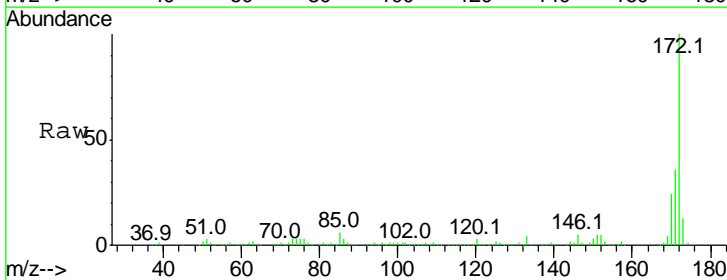
Tgt Ion: 330 Resp: 115777

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	23.1	29.9	44.9#

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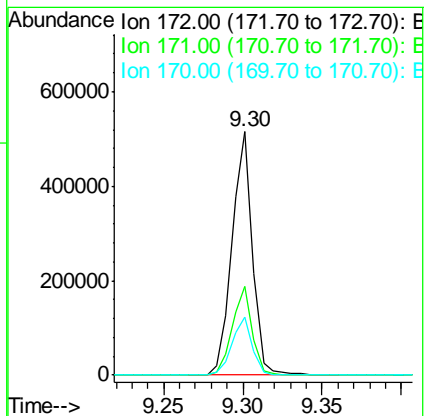
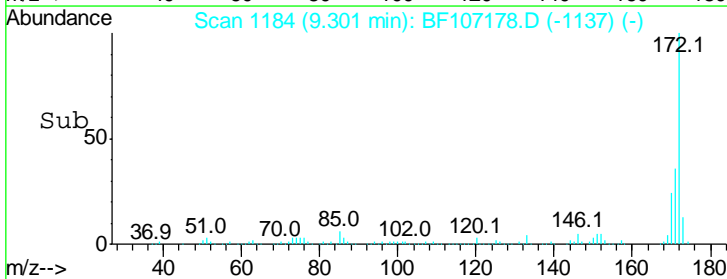


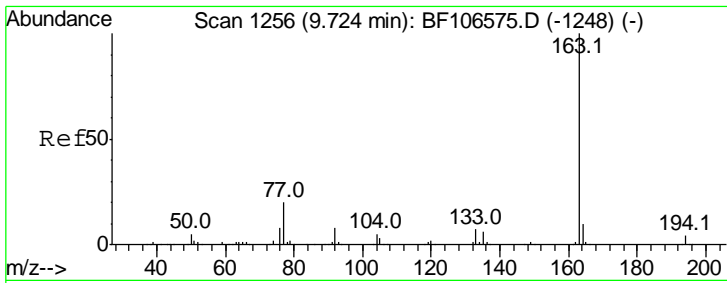
#44
 2-Fluorobiphenyl
 Concen: 61.265 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40



Tgt Ion: 172 Resp: 461125

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4





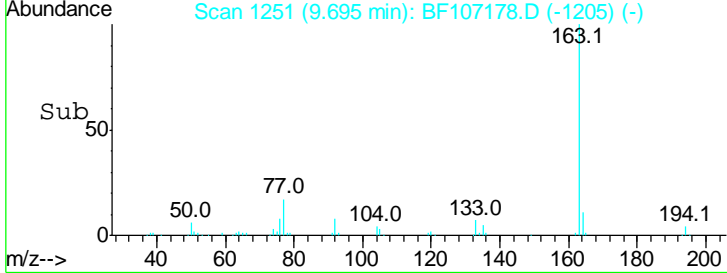
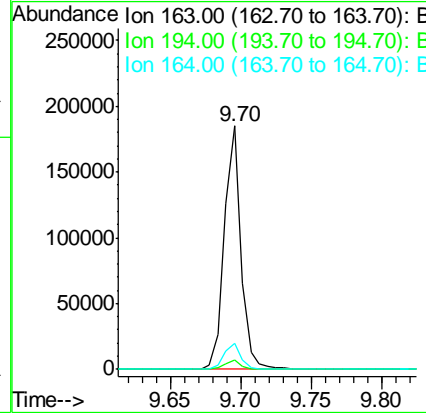
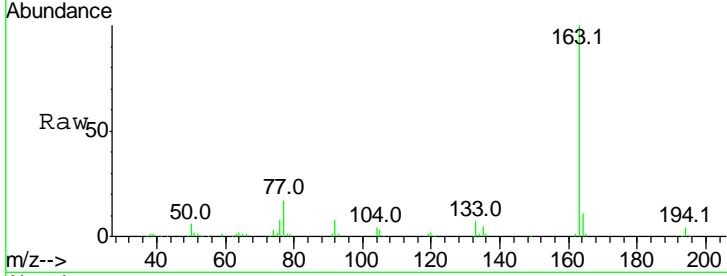
#49
 Dimethylphthalate
 Concen: 16.983 ng
 RT: 9.70 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
ClientSampled :
 TP-TP-5-S

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2

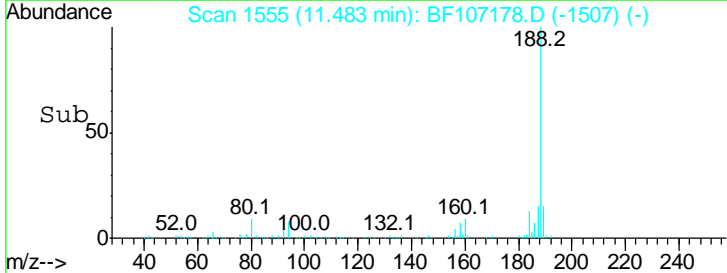
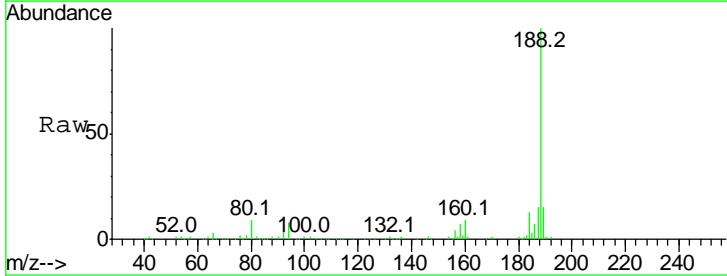
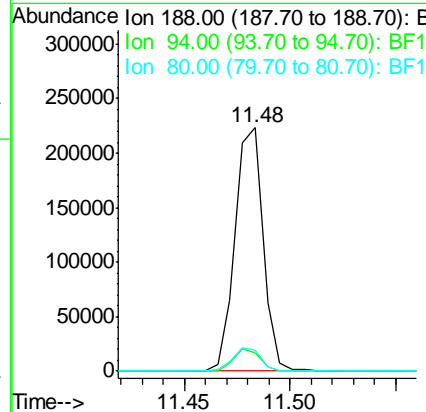
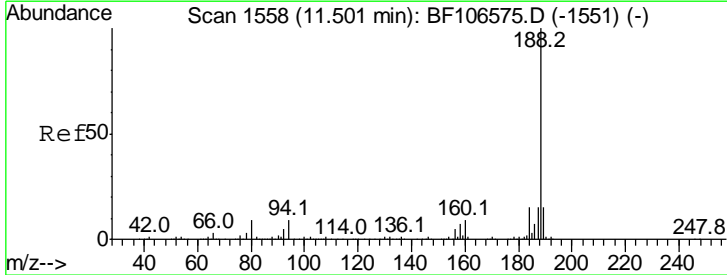
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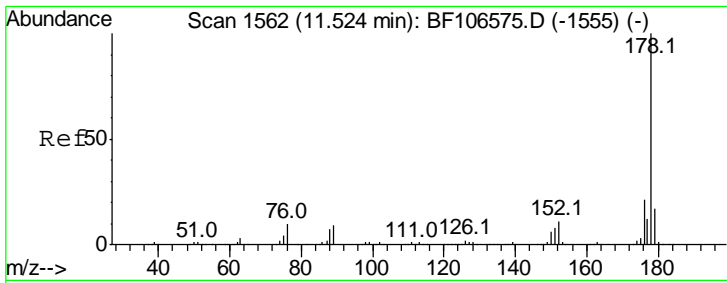
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.5	9.2	13.8#





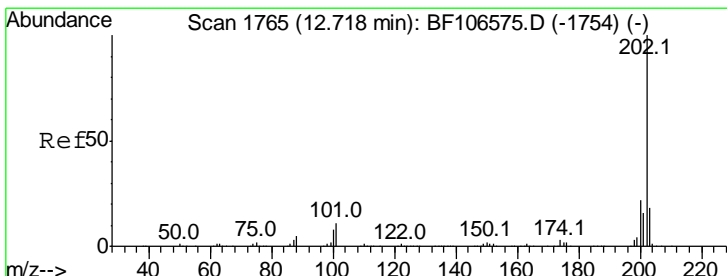
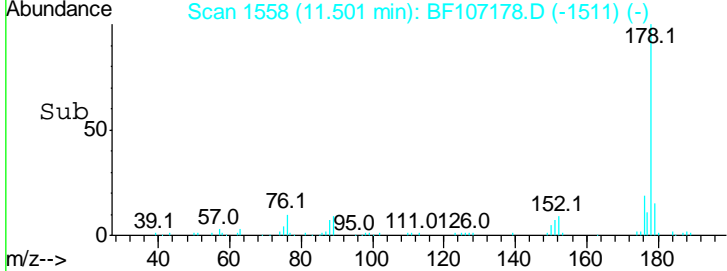
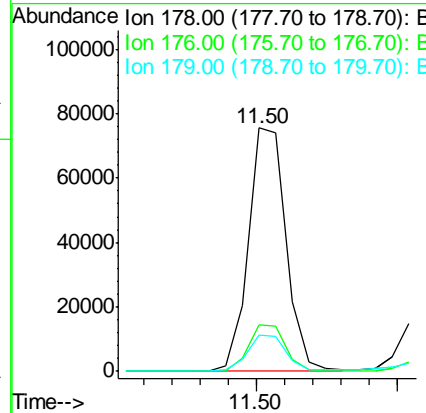
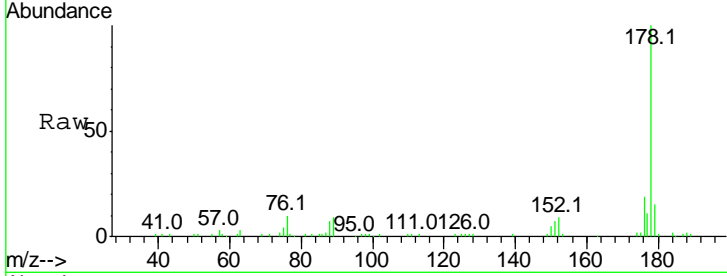
#70
 Phenanthrene
 Concen: 7.081 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
 ClientSampled :
 TP-TP-5-S

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.7	13.0	19.6

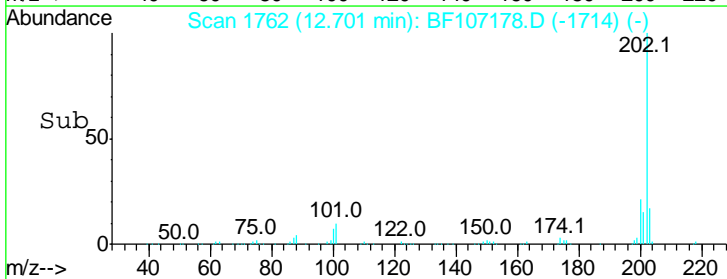
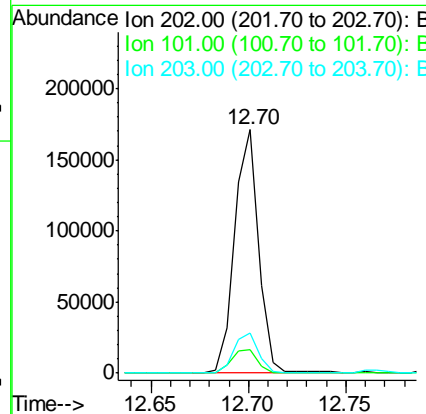
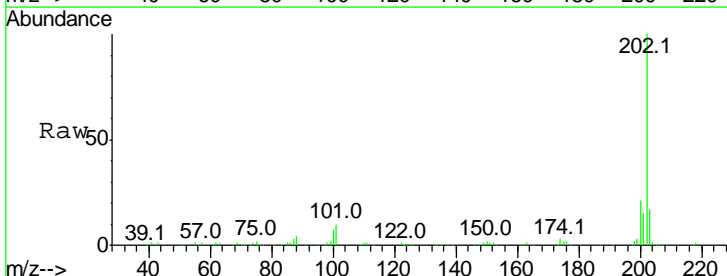
Manual Integrations
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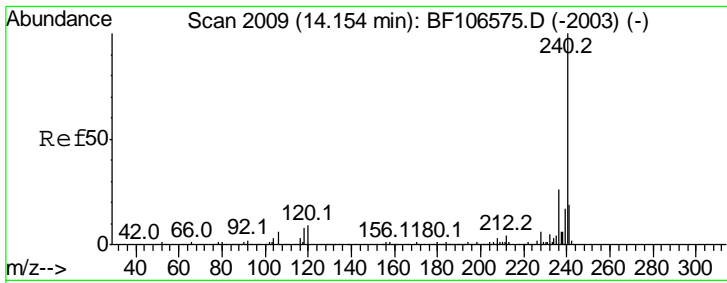
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#74
 Fluoranthene
 Concen: 13.476 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Tgt Ion	Resp	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	16.7	0.0	38.1



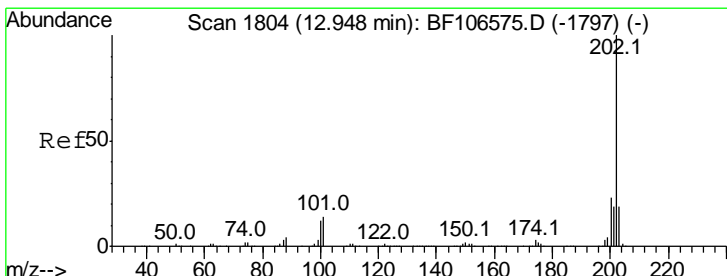
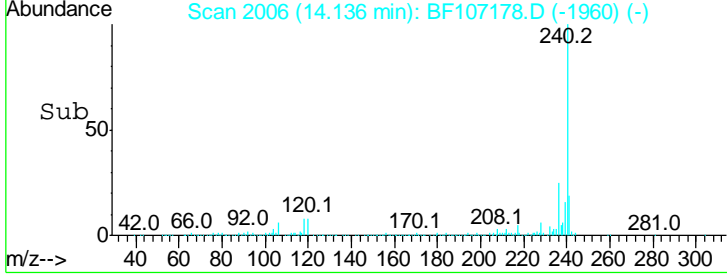
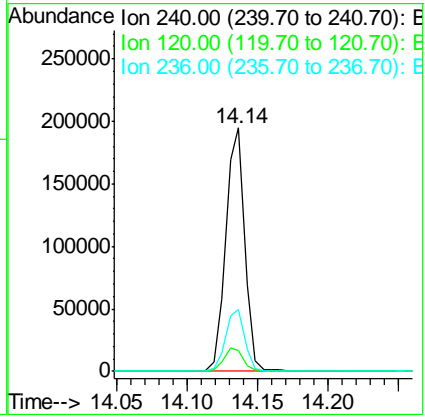
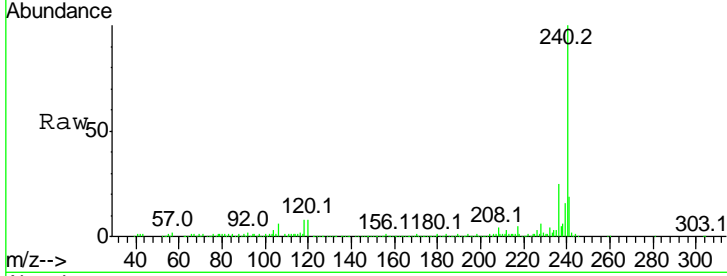


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
Client Sampled :
 TP-TP-5-S

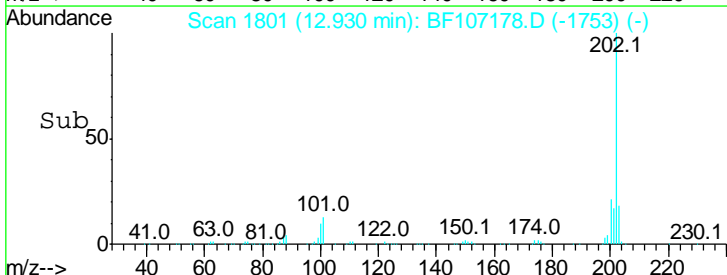
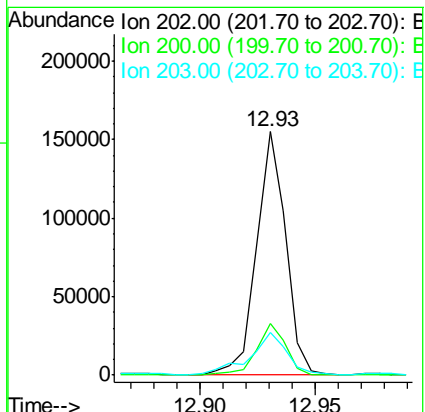
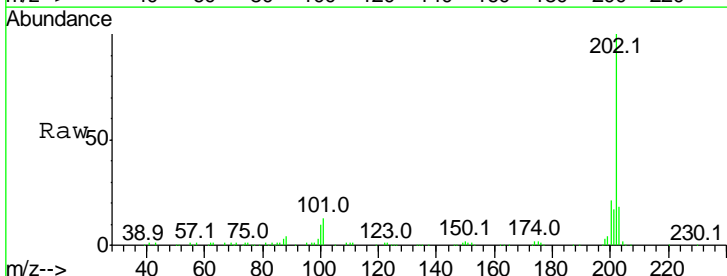
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.4	20.7	31.1

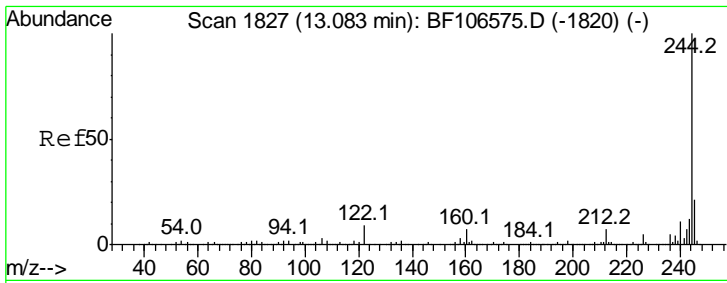
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#77
 Pyrene
 Concen: 11.519 ng
 RT: 12.93 min Scan# 1801
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

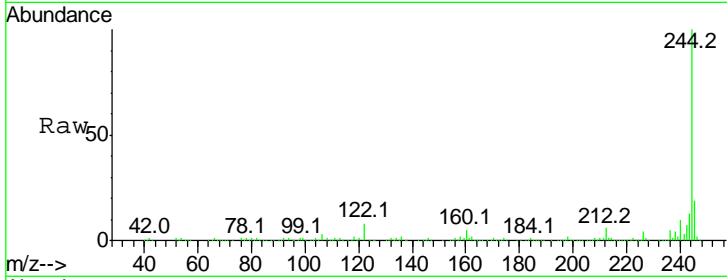
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5





#78
 Terphenyl-d14
 Concen: 55.753 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

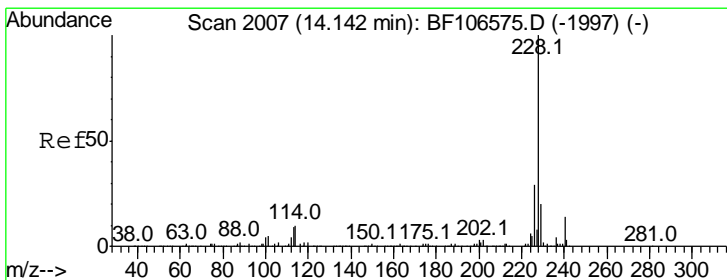
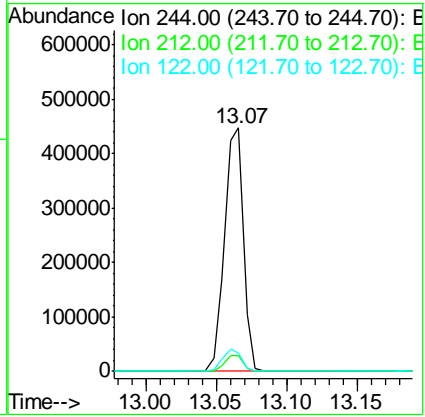
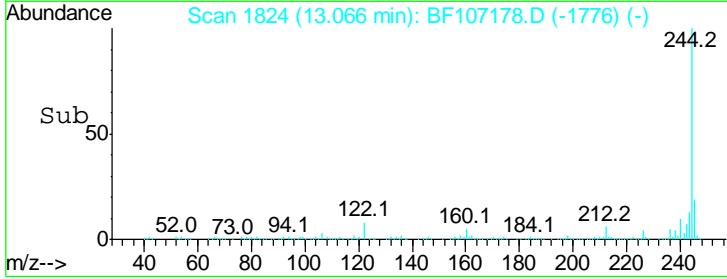
Instrument :
 BNA_F
ClientSampled :
 TP-TP-5-S



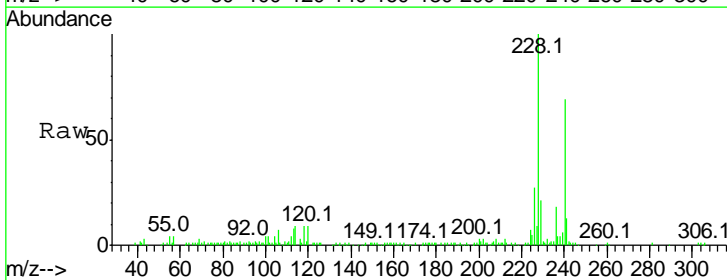
Tgt Ion: 244 Resp: 416717

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	7.8	11.0	16.4#

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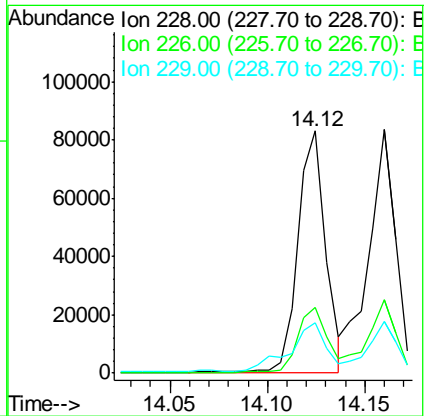


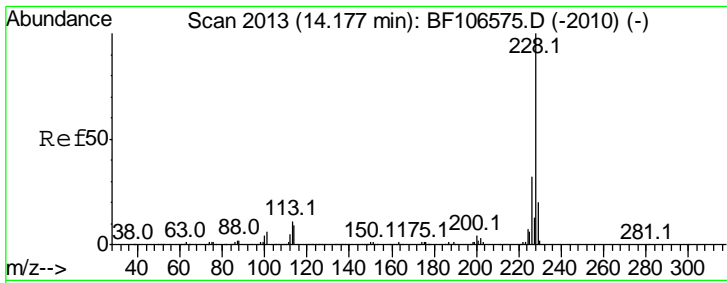
#80
 Benzo(a)anthracene
 Concen: 7.466 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40



Tgt Ion: 228 Resp: 82386

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.0	15.8	23.6





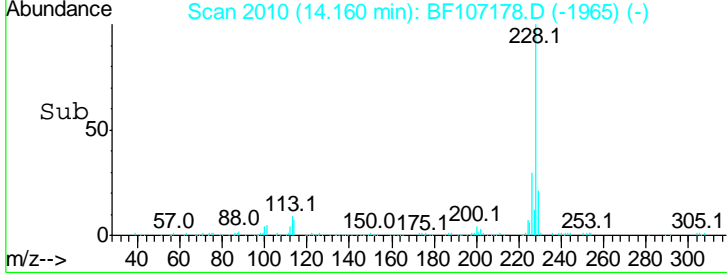
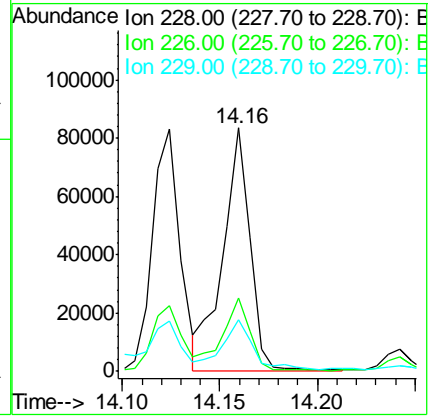
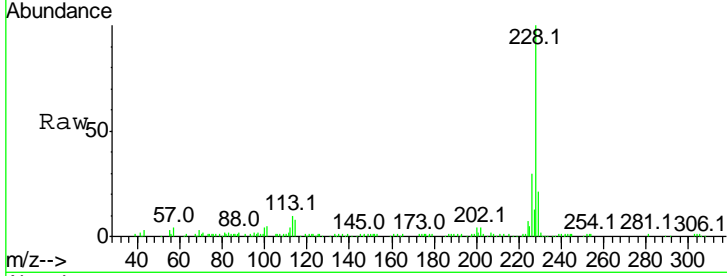
#82
 Chrysene
 Concen: 7.955 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.04 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
 ClientSampled :
 TP-TP-5-S

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.2	16.2	24.4

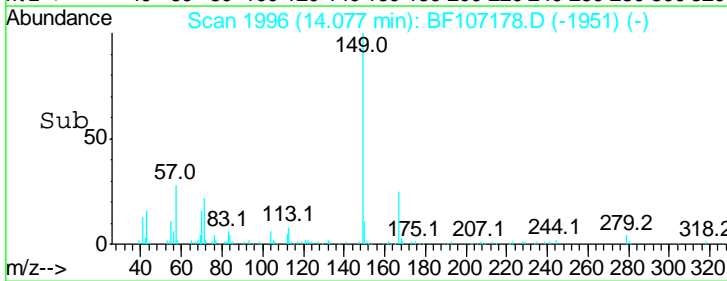
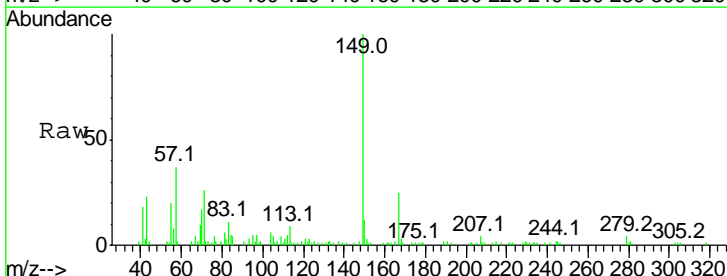
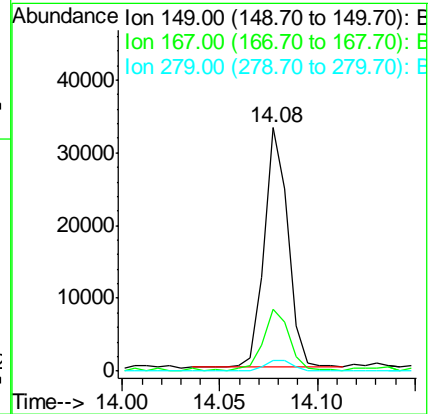
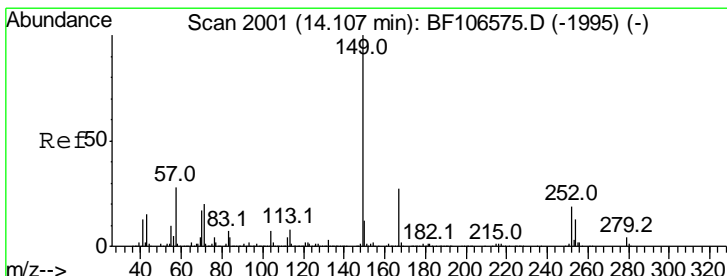
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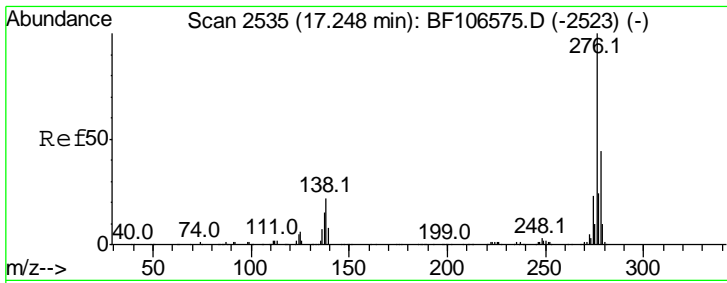
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.429 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Tgt Ion	Resp	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	4.2	3.0	4.4





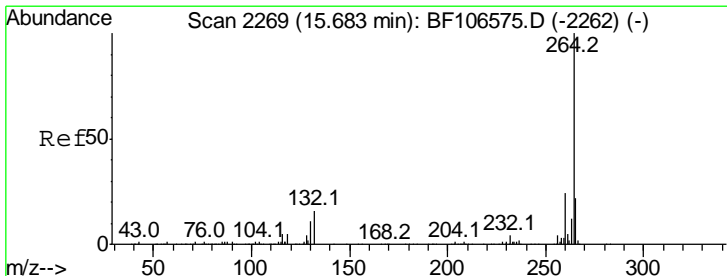
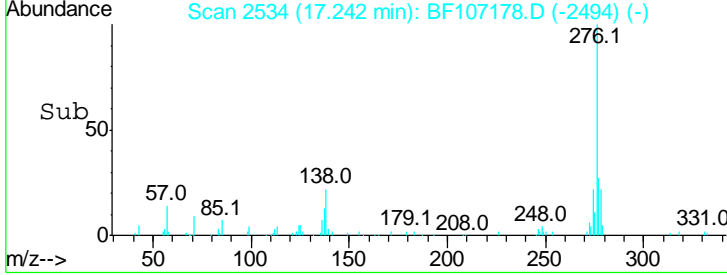
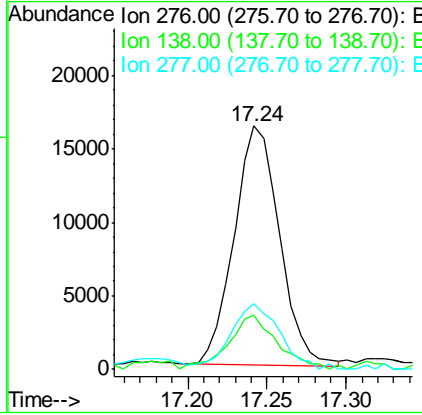
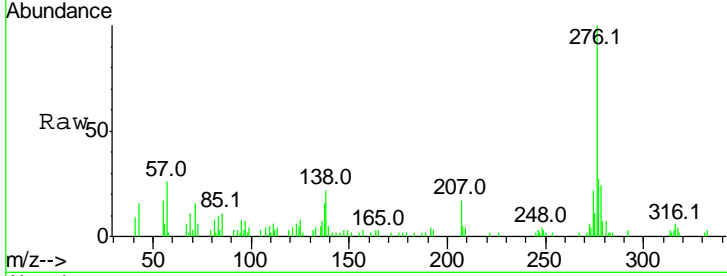
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.784 ng
 RT: 17.24 min Scan# 2534
 Delta R.T. -0.06 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
ClientSampled :
 TP-TP-5-S

Tgt Ion	Resp	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	29.7	20.1	30.1

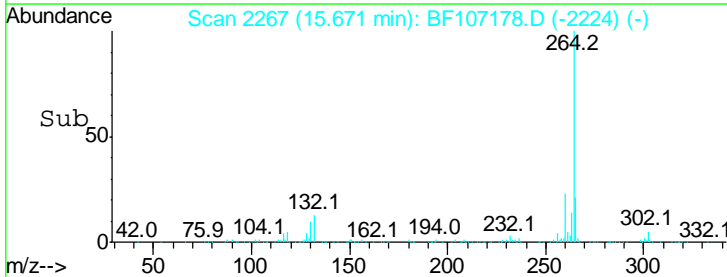
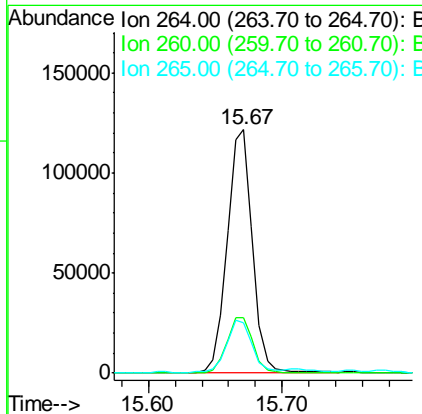
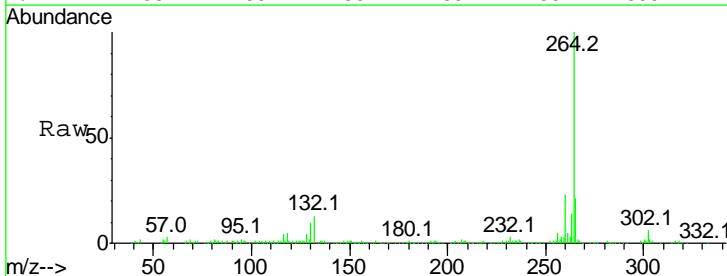
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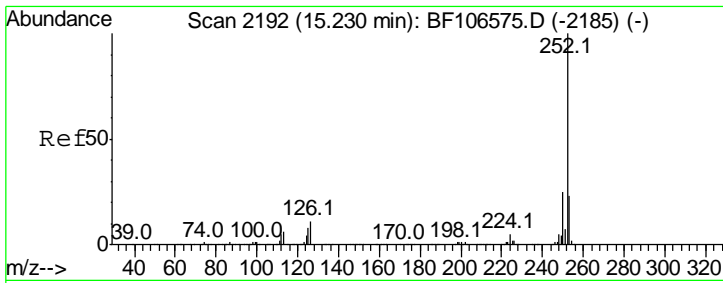
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Tgt Ion	Resp	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.8	17.5	26.3



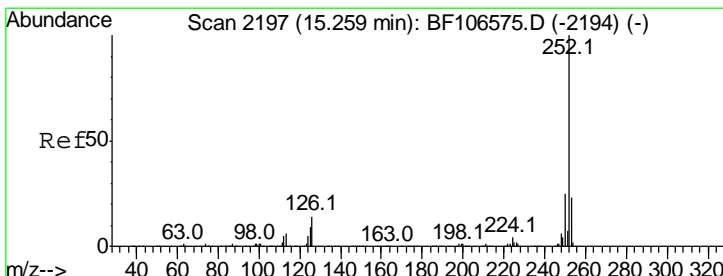
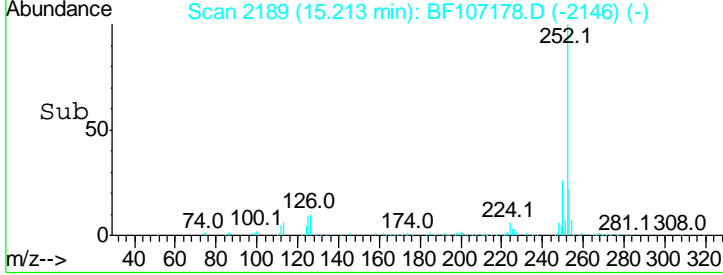
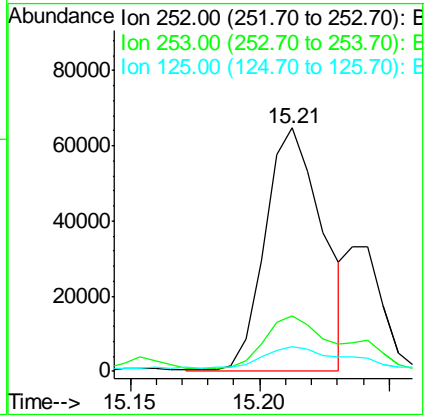
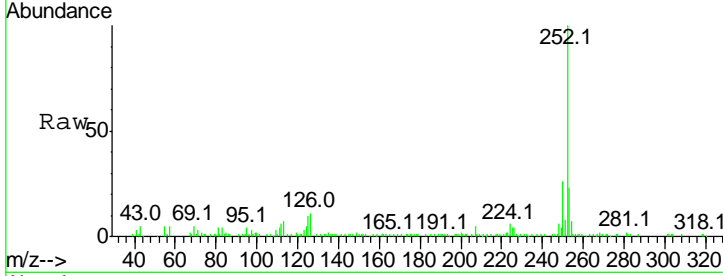


#87
 Benzo(b)fluoranthene
 Concen: 9.899 ng m
 RT: 15.21 min Scan# 2189
 Delta R.T. -0.05 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
 ClientSampled :
 TP-TP-5-S

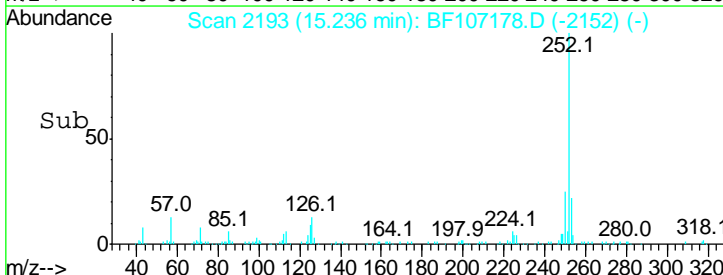
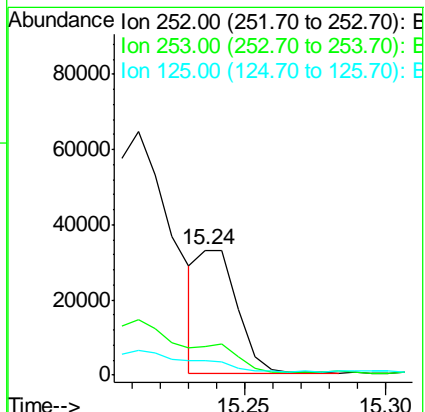
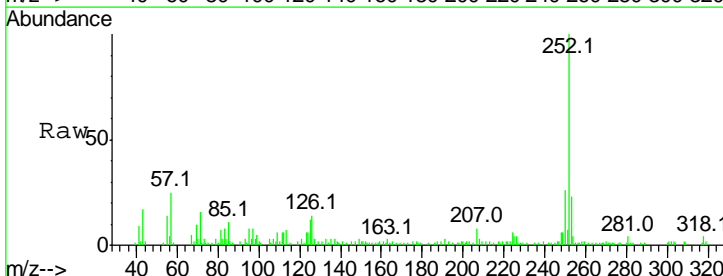
Tgt Ion	Resp	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.2	9.0	13.6

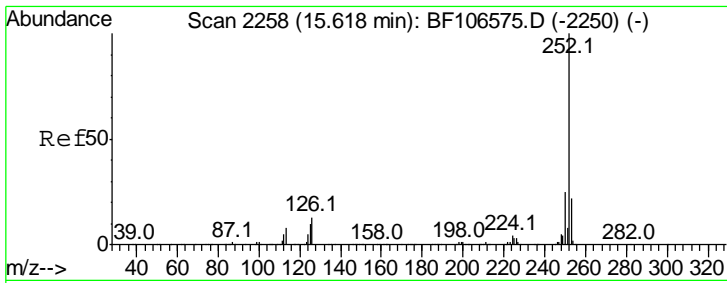
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#88
 Benzo(k)fluoranthene
 Concen: 3.254 ng m
 RT: 15.24 min Scan# 2193
 Delta R.T. -0.06 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	11.5	10.2	15.2





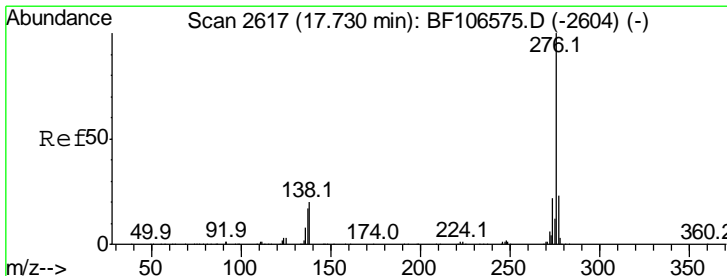
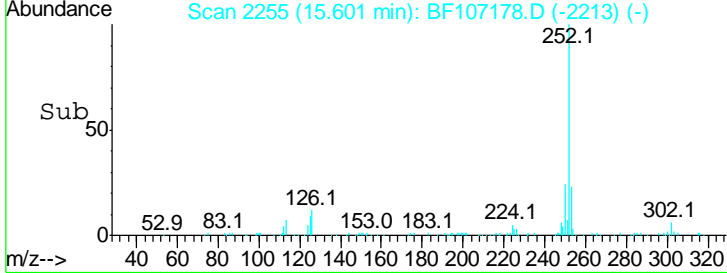
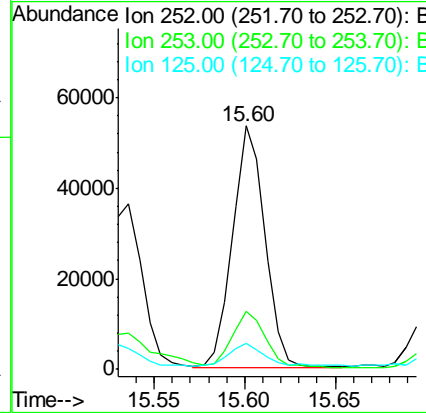
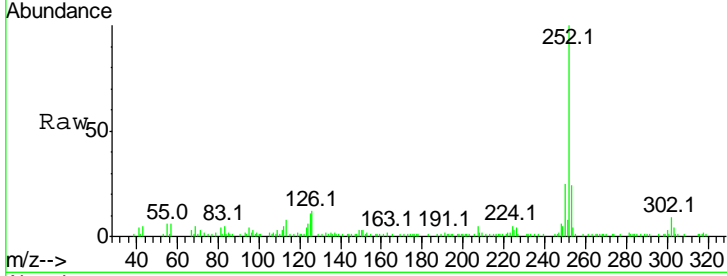
#89
 Benzo(a)pyrene
 Concen: 7.451 ng
 RT: 15.60 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Instrument :
 BNA_F
 Client Sampled :
 TP-TP-5-S

Tgt Ion	Resp	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	10.6	9.8	14.6

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 4.327 ng
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.06 min
 Lab File: BF107178.D
 Acq: 6 Jul 2018 17:40

Tgt Ion	Resp	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	21.8	21.8	32.8#

