

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107027.D
 Acq On : 30 Jun 2018 20:51
 Operator : JU/SJ
 Sample : J3638-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-3

Manual Integrations
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Quant Time: Jul 02 07:21:26 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	6.95	152	61129	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	233205	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	114110	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	226679	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	209850	20.00	ng	-0.02
86) Perylene-d12	15.68	264	177116	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	121731	33.72	ng	-0.01
7) Phenol-d6	6.60	99	155898	34.58	ng	-0.02
23) Nitrobenzene-d5	7.51	82	86033	20.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	47911	36.23	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	203323	18.64	ng	-0.02
78) Terphenyl-d14	13.07	244	258506	29.84	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	21968	2.567	ng	Qvalue # 95
70) Phenanthrene	11.51	178	60451	5.529	ng	97
74) Fluoranthene	12.71	202	149052	12.369	ng	94
77) Pyrene	12.94	202	147589	10.665	ng	98
80) Benzo(a)anthracene	14.13	228	126617	9.900	ng	99
82) Chrysene	14.17	228	120348	10.228	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	96854	9.700	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	212392m	19.304	ng	
88) Benzo(k)fluoranthene	15.25	252	66559m	6.353	ng	
89) Benzo(a)pyrene	15.61	252	136641	13.970	ng	96
91) Benzo(g,h,i)perylene	17.74	276	95462	11.783	ng	# 86

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

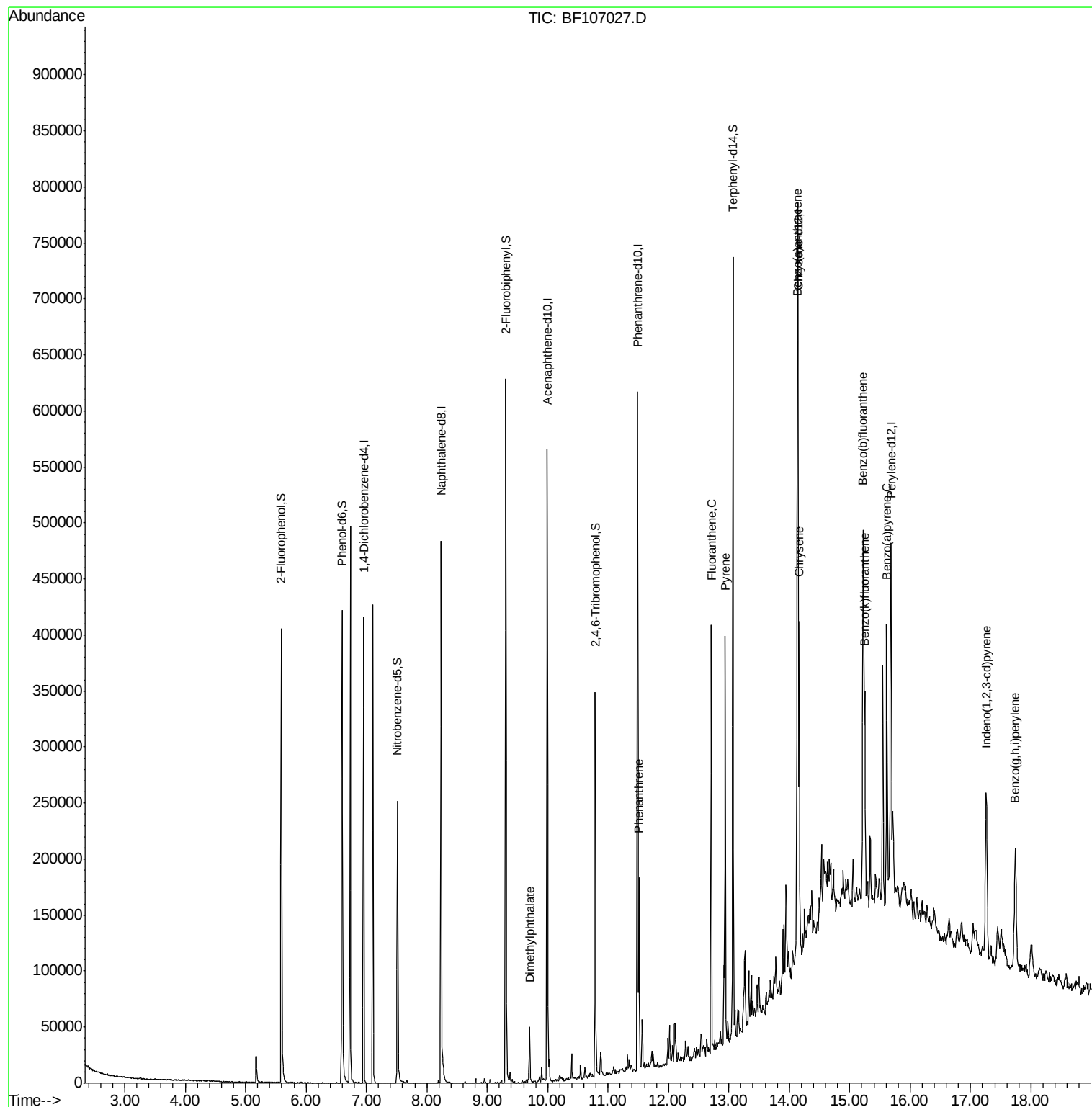
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107027.D
Acq On : 30 Jun 2018 20:51
Operator : JU/SJ
Sample : J3638-03 2X
Misc :
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Instrument :
BNA_F
ClientSampled :
P-3

Quant Time: Jul 02 07:21:26 2018
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#1

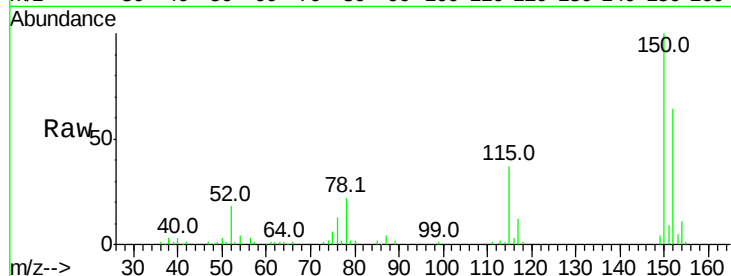
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107027.D
Acq: 30 Jun 2018 20:51

Instrument :
BNA_F
ClientSampled :
P-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	58.1	50.1	75.1

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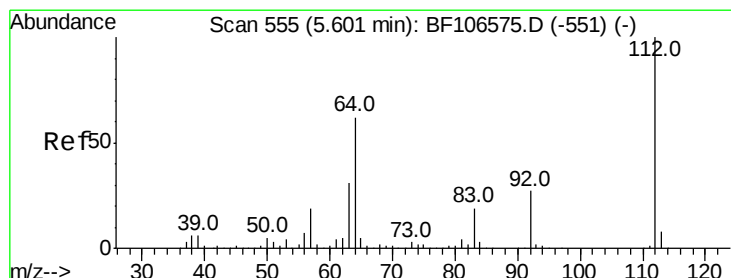
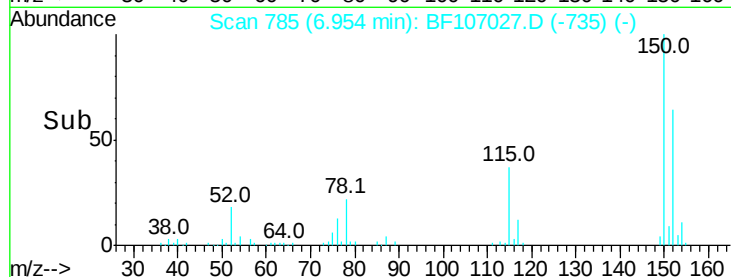
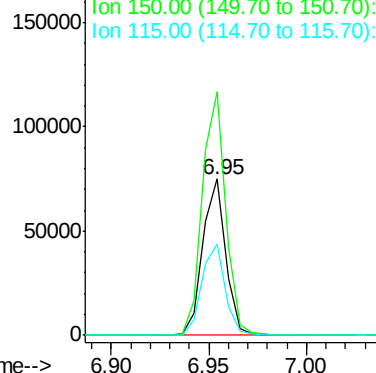


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

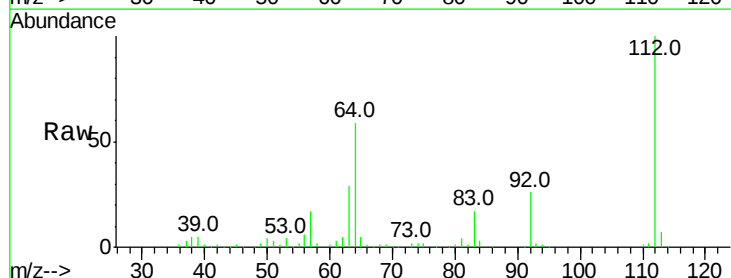
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.720 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107027.D
Acq: 30 Jun 2018 20:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	28.6	23.7	35.5

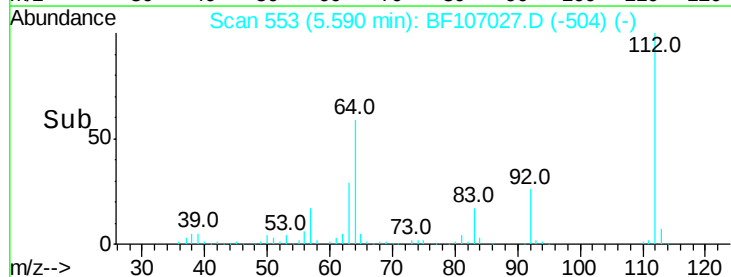
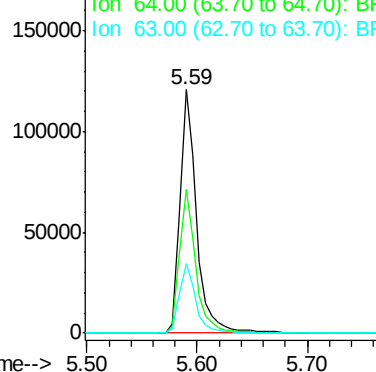


Abundance

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: 34.581 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107027.D

Acq: 30 Jun 2018 20:51

Instrument :

BNA_F

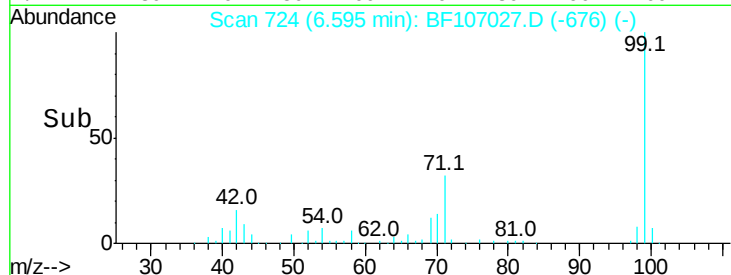
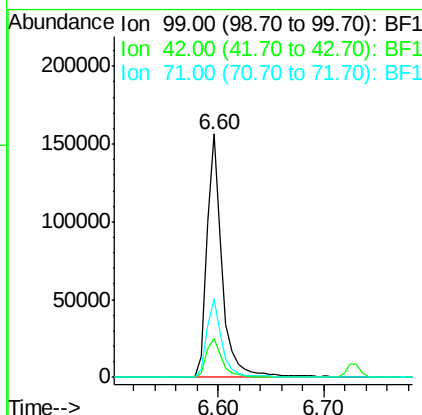
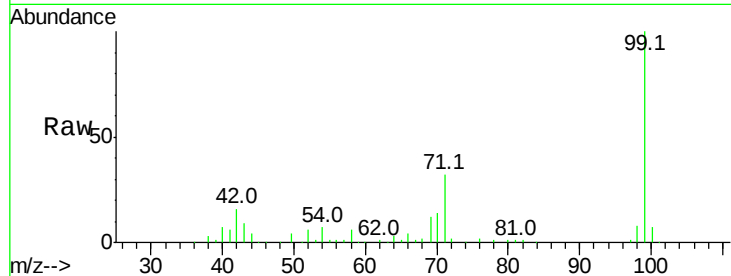
ClientSampled :

P-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		155898		
42	15.8	14.5	21.7		
71	32.2	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

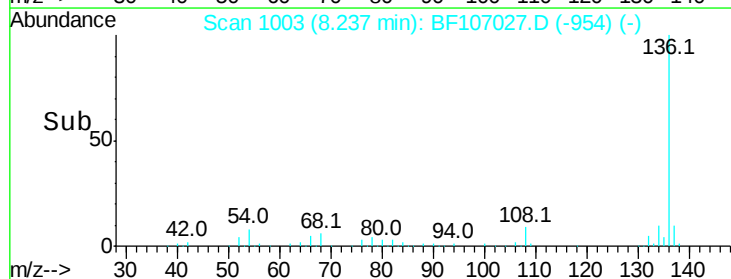
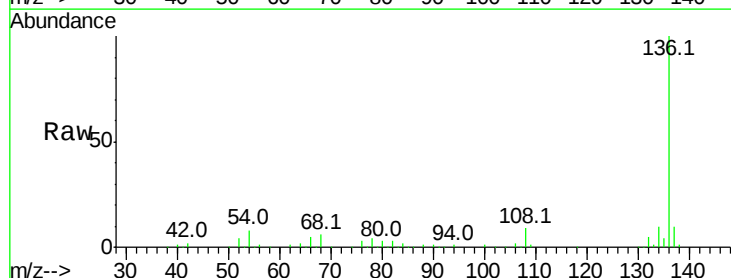
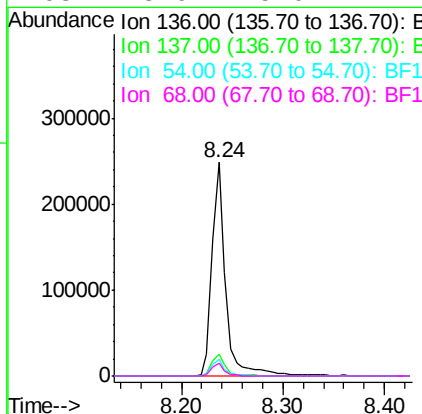
RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107027.D

Acq: 30 Jun 2018 20:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		233205		
137	10.5	8.9	13.3		
54	7.7	6.6	9.8		
68	5.9	5.0	7.4		





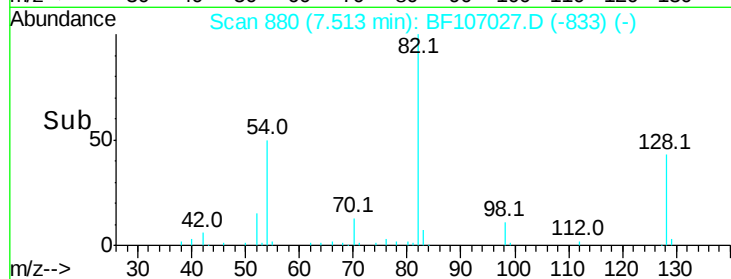
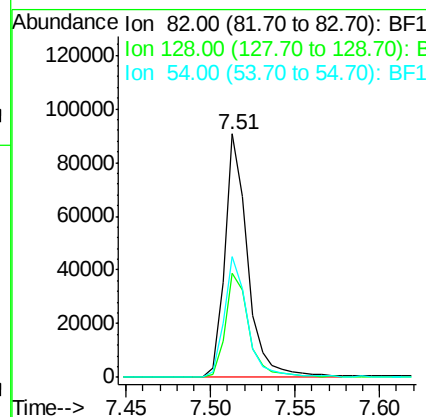
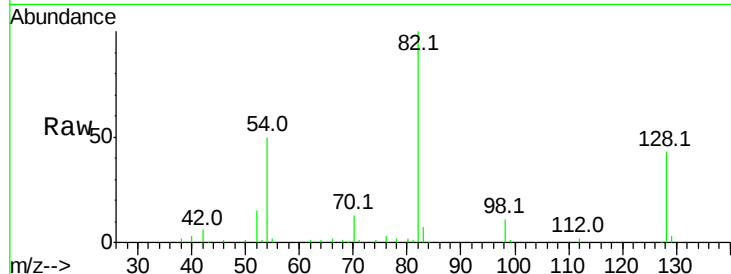
#23
 Nitrobenzene-d5
 Concen: 20.502 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107027.D
 Acq: 30 Jun 2018 20:51

Instrument :
 BNA_F
 ClientSampled :
 P-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	49.8	41.4	62.2

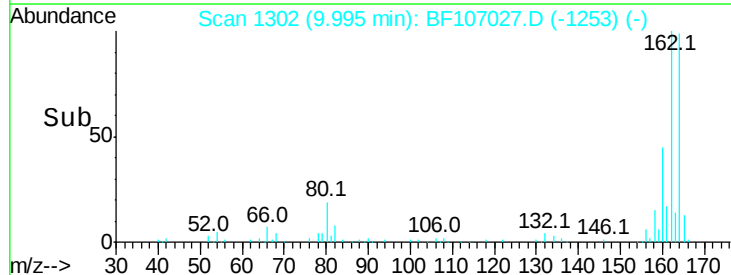
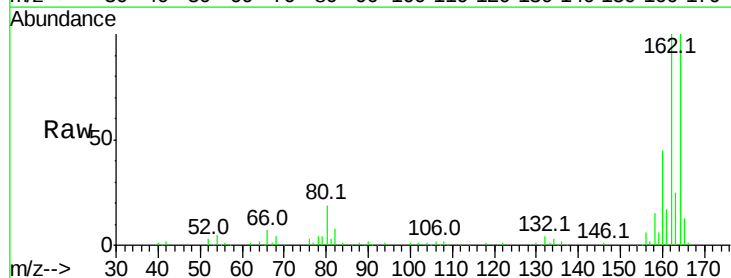
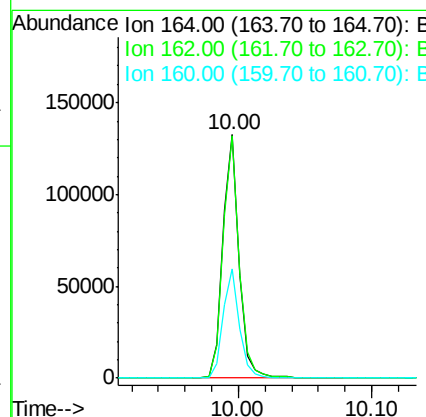
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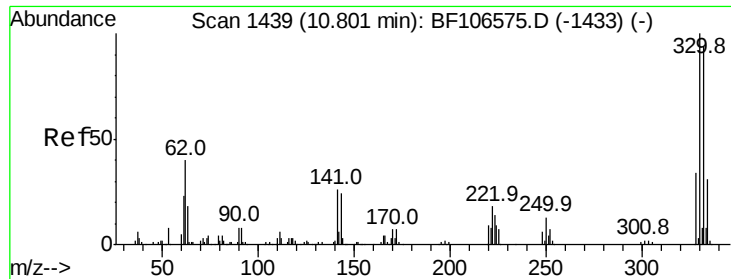
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107027.D
 Acq: 30 Jun 2018 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	86.1	129.1
160	44.6	38.3	57.5





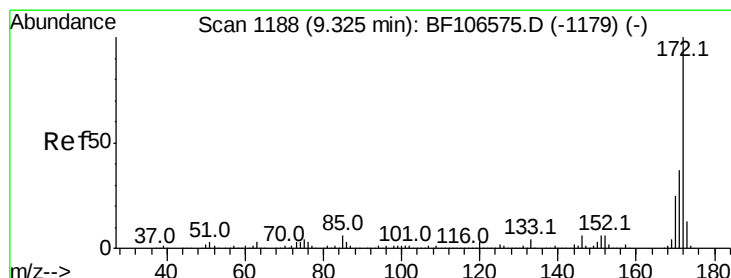
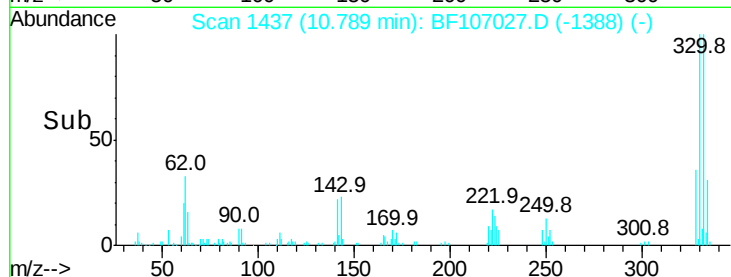
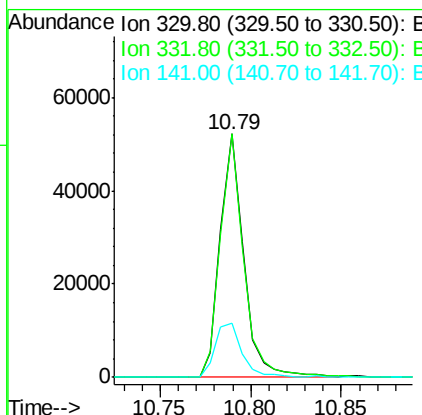
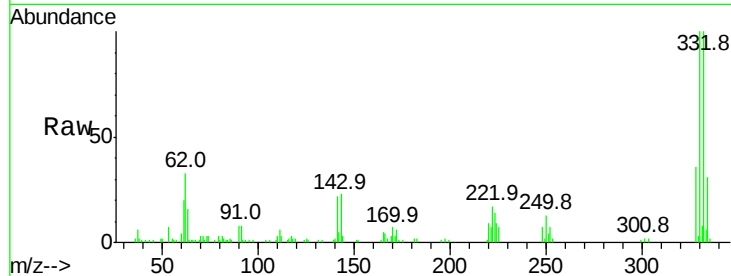
#41
 2,4,6-Tribromophenol
 Concen: 36.226 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107027.D
 Acq: 30 Jun 2018 20:51

Instrument :
 BNA_F
 ClientSampled :
 P-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.0	115.6
141	24.7	29.9	44.9#

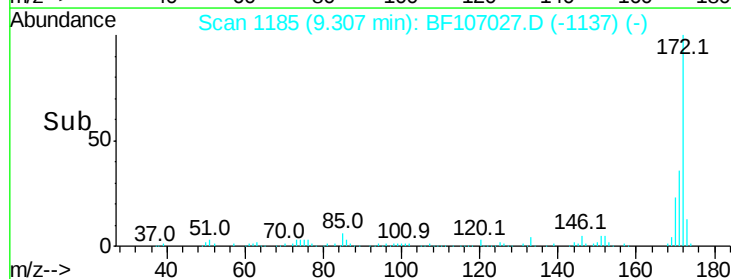
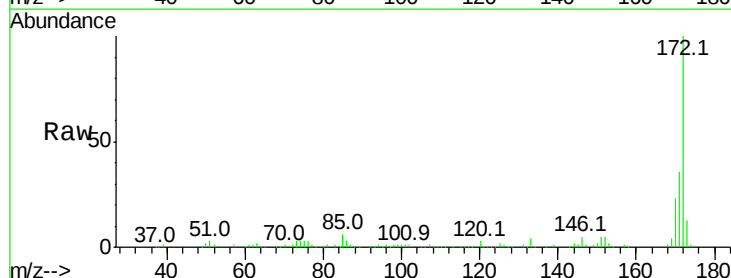
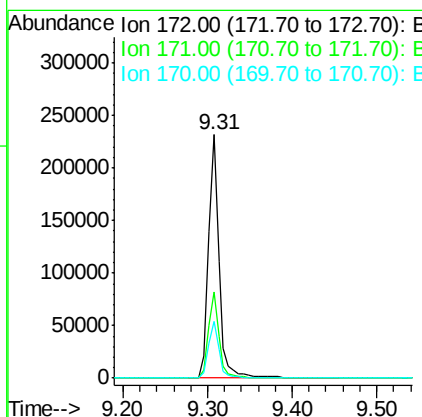
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#44
 2-Fluorobiphenyl
 Concen: 18.644 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107027.D
 Acq: 30 Jun 2018 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.1	19.6	29.4





#49

Dimethylphthalate

Concen: 2.567 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107027.D

Acq: 30 Jun 2018 20:51

Instrument :

BNA_F

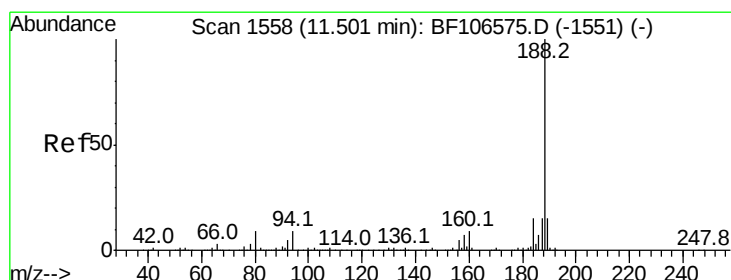
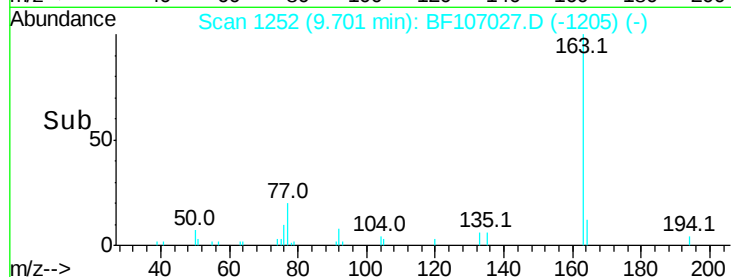
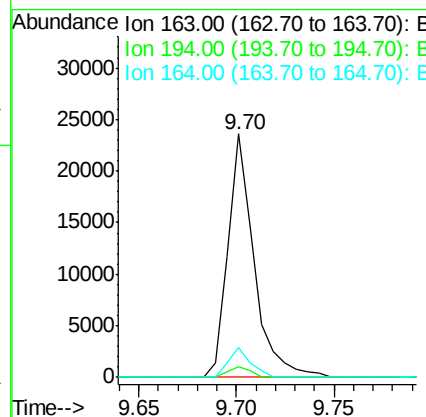
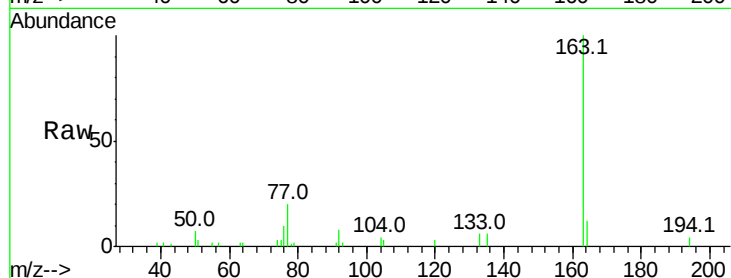
ClientSampleId :

P-3

Tot Ion:	163	Resp:	21968
Ion Ratio	Lower	Upper	
163	100		
194	4.4	2.7	4.1#
164	12.1	8.2	12.2

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

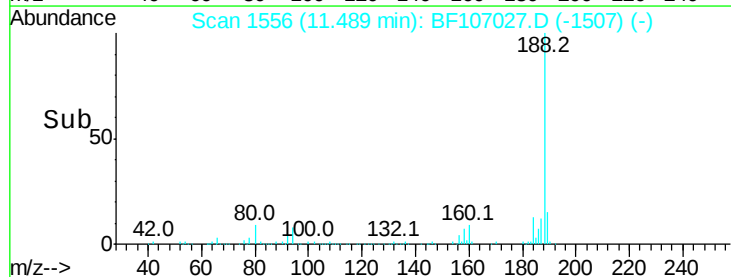
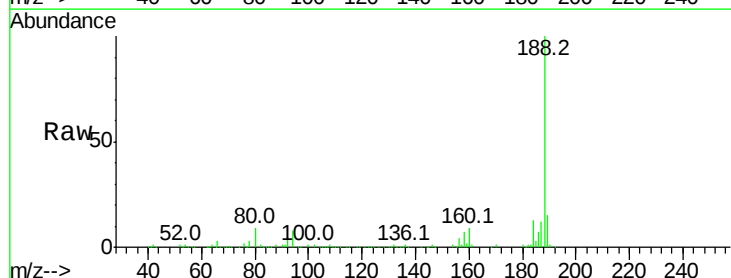
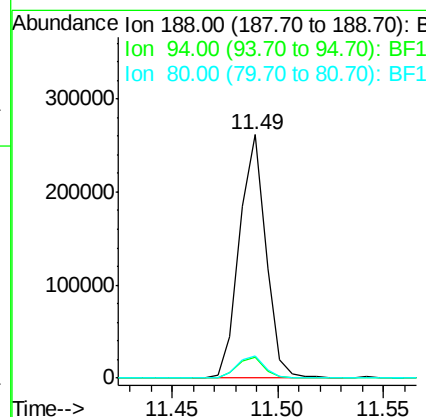
RT: 11.49 min Scan# 1556

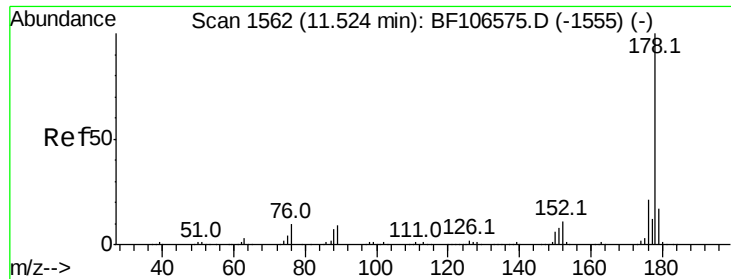
Delta R.T. -0.01 min

Lab File: BF107027.D

Acq: 30 Jun 2018 20:51

Tgt Ion:	188	Resp:	226679
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.5	12.7#
80	8.9	9.2	13.8#





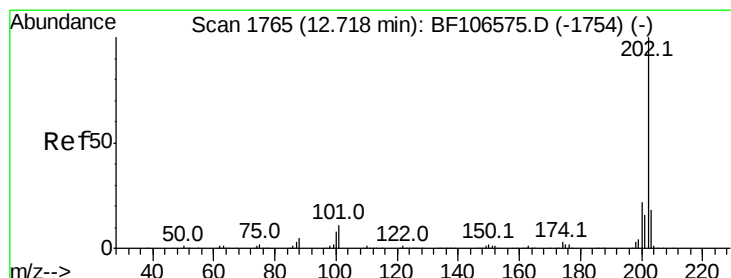
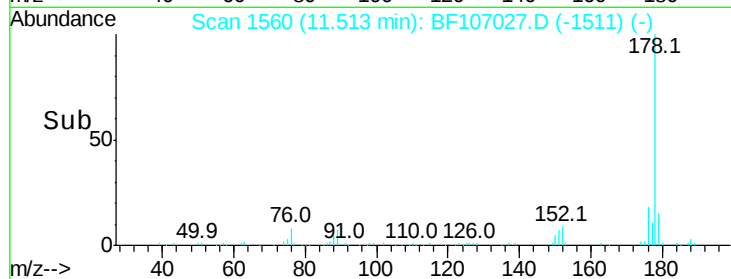
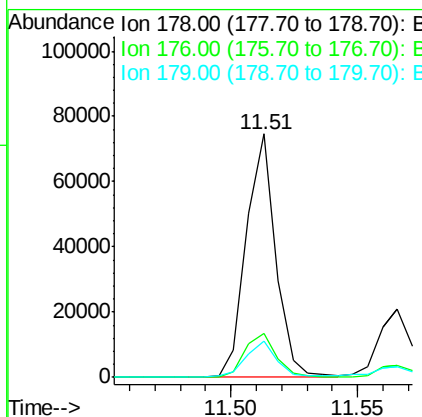
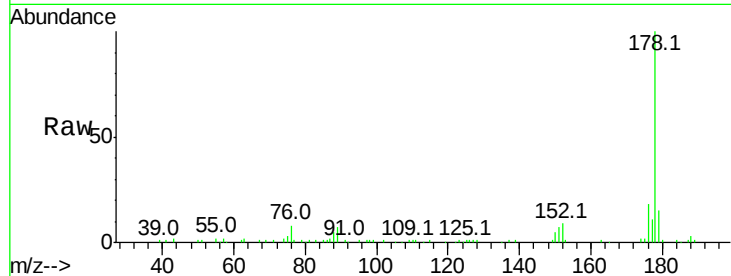
#70
Phenanthrene
Concen: 5.529 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107027.D
Acq: 30 Jun 2018 20:51

Instrument :
BNA_F
ClientSampled :
P-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.0	13.0	19.6

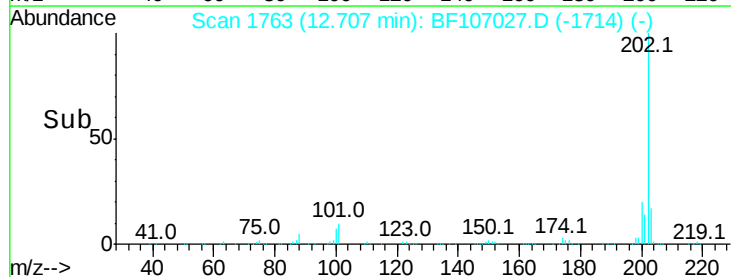
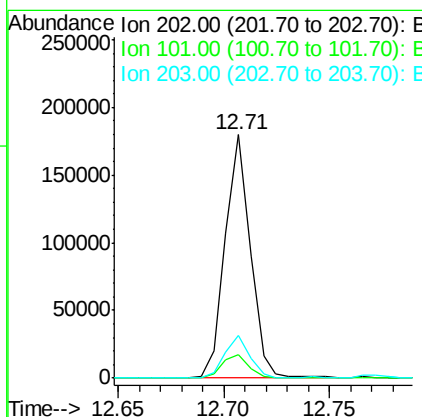
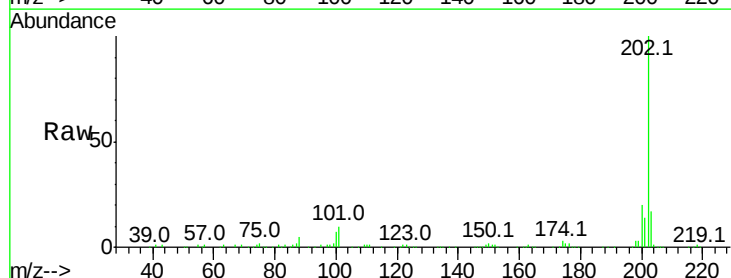
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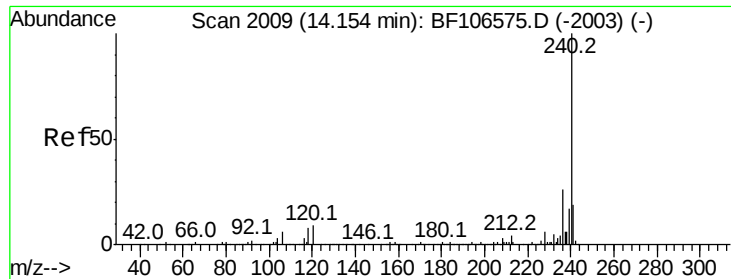
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#74
Fluoranthene
Concen: 12.369 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107027.D
Acq: 30 Jun 2018 20:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107027.D

Acq: 30 Jun 2018 20:51

Instrument :

BNA_F

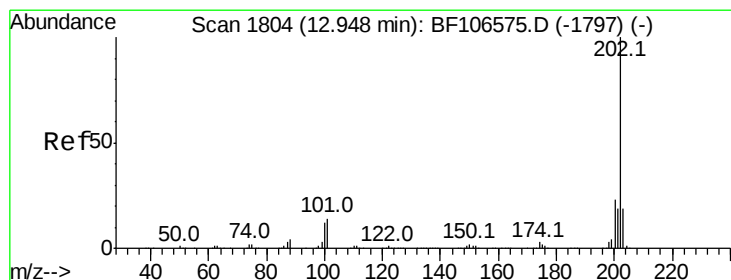
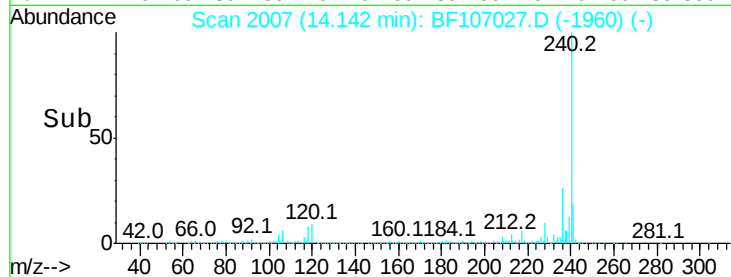
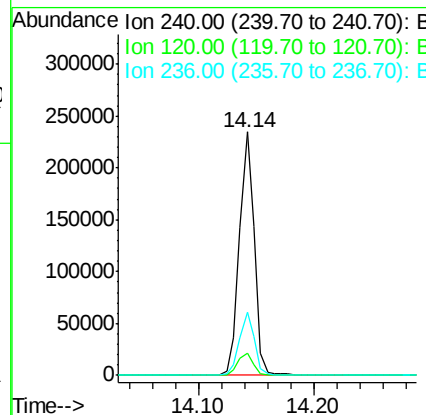
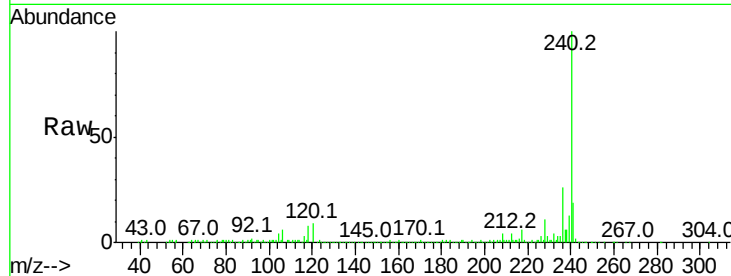
ClientSampleId :

P-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100	209850		
120	9.3		9.5	14.3#
236	25.9		20.7	31.1

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#77

Pyrene

Concen: 10.665 ng

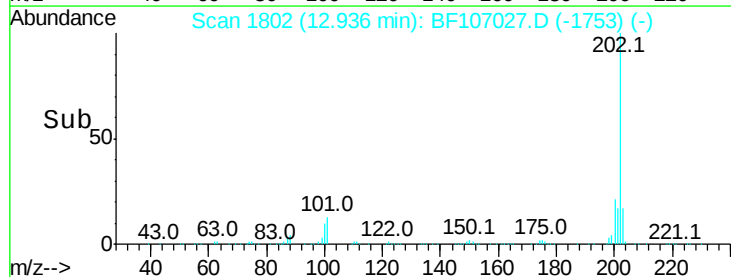
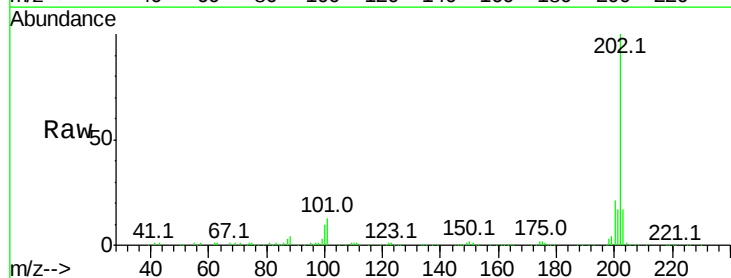
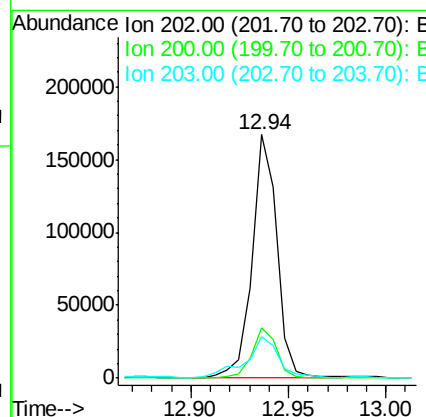
RT: 12.94 min Scan# 1802

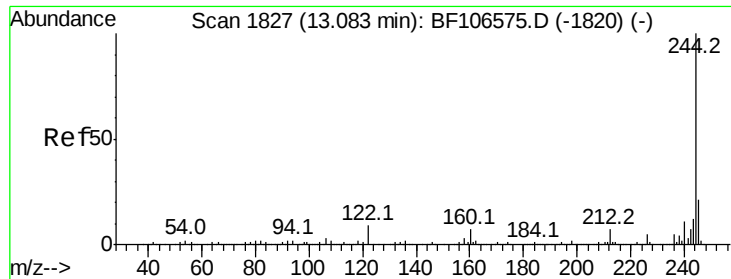
Delta R.T. -0.01 min

Lab File: BF107027.D

Acq: 30 Jun 2018 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	147589		
200	20.9		17.4	26.2
203	17.0		14.3	21.5





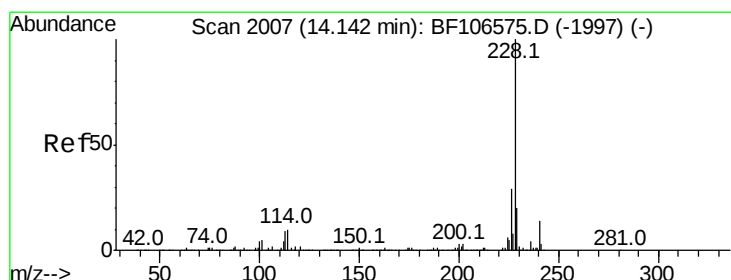
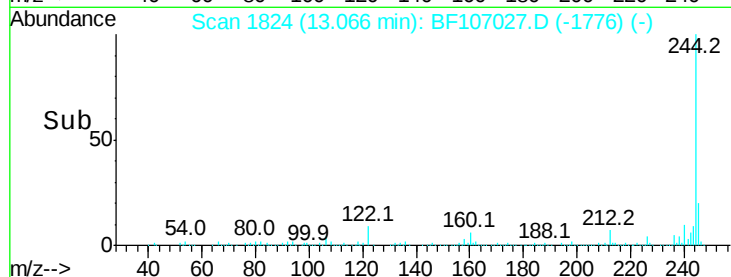
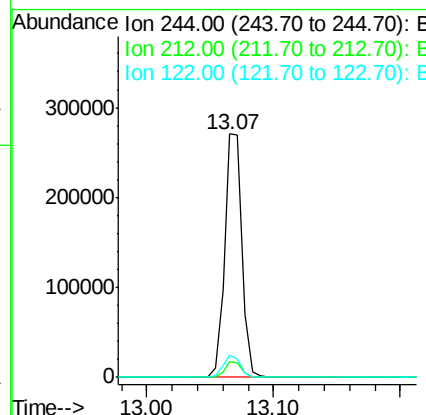
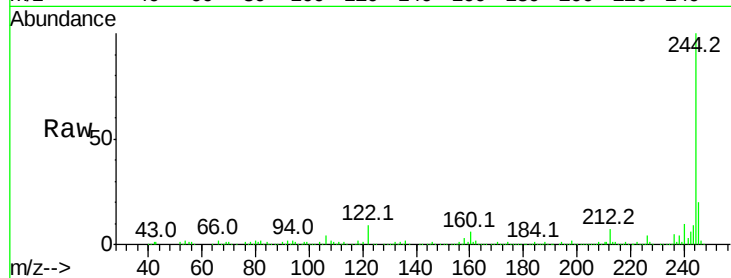
#78
 Terphenyl-d14
 Concen: 29.839 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107027.D
 Acq: 30 Jun 2018 20:51

Instrument :
 BNA_F
 ClientSampled :
 P-3

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.3	11.0	16.4

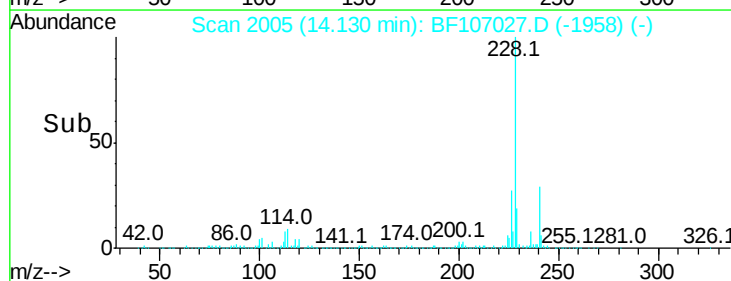
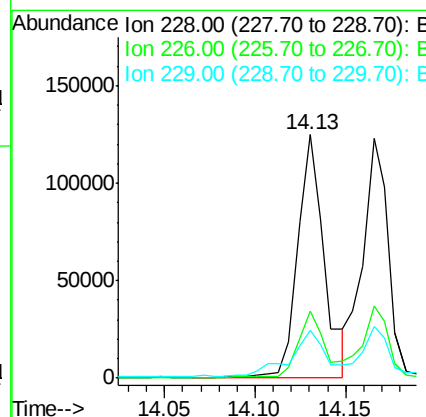
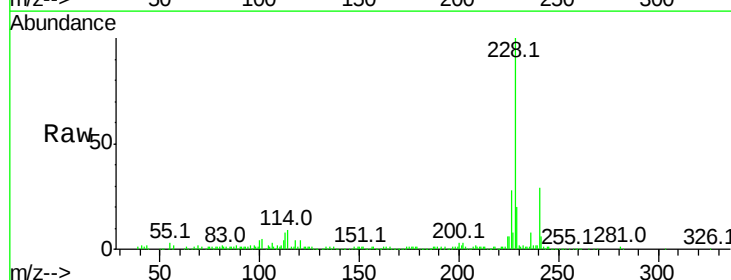
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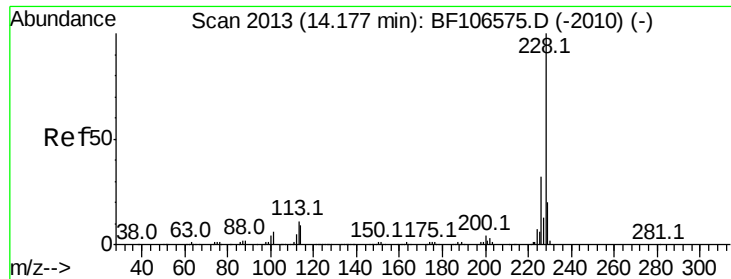
Sohil
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#80
 Benzo(a)anthracene
 Concen: 9.900 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF107027.D
 Acq: 30 Jun 2018 20:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.7	15.8	23.6





#82

Chrysene

Concen: 10.228 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107027.D

Acq: 30 Jun 2018 20:51

Instrument :

BNA_F

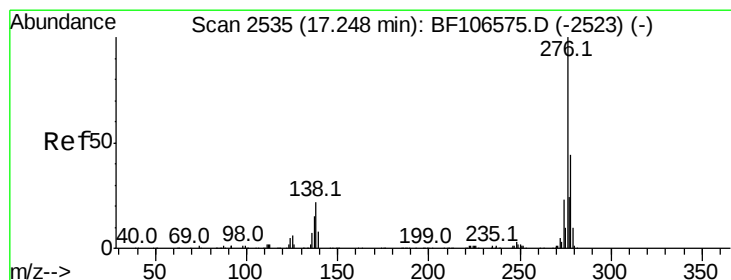
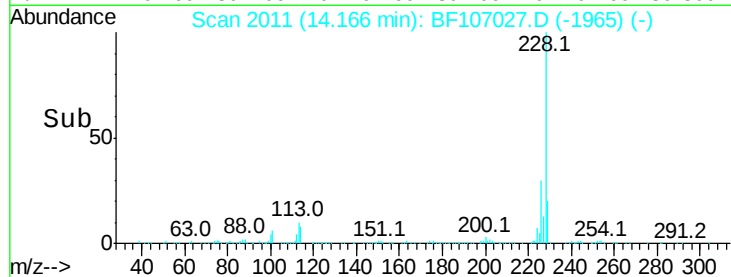
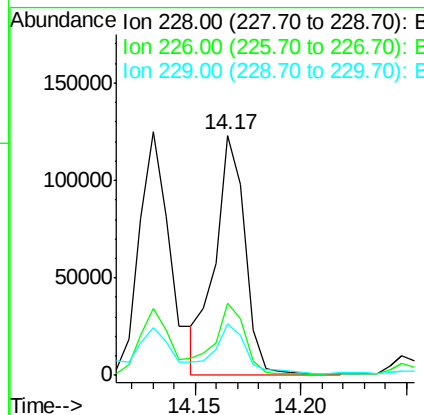
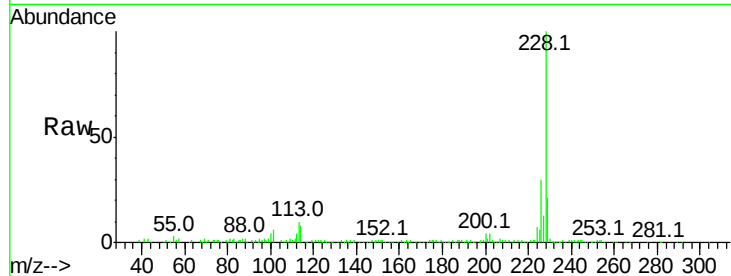
ClientSampled :

P-3

Tot Ion:	228	Resp:	120348
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	21.3	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 9.700 ng

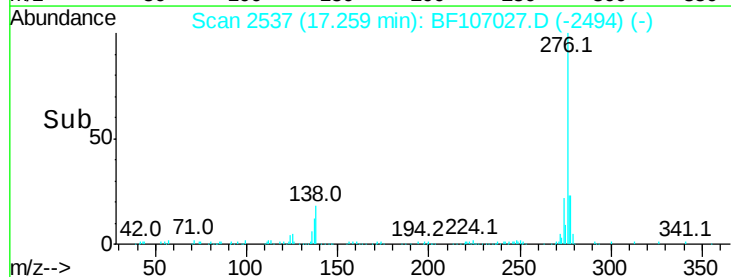
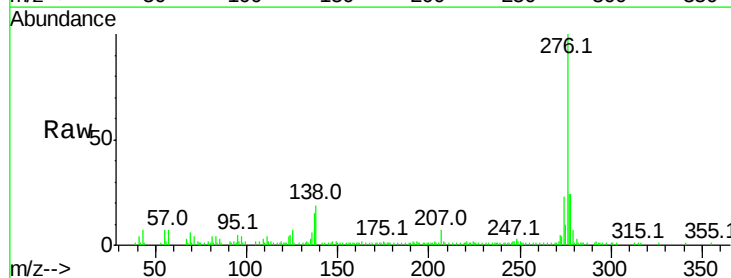
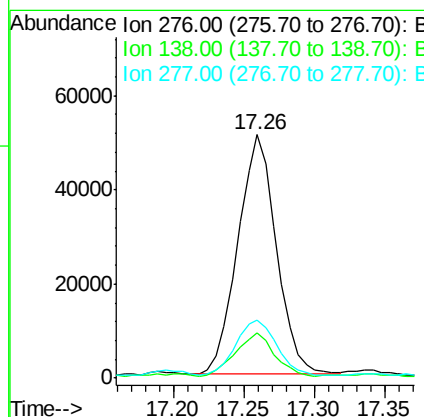
RT: 17.26 min Scan# 2537

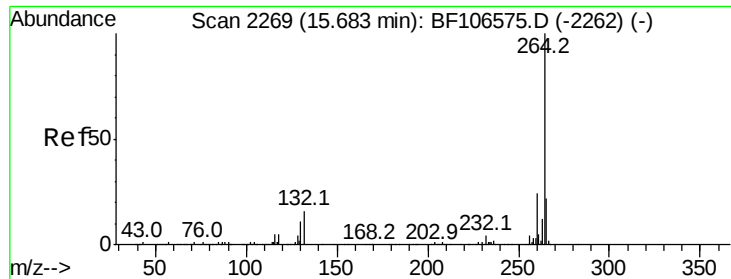
Delta R.T. -0.05 min

Lab File: BF107027.D

Acq: 30 Jun 2018 20:51

Tgt Ion:	276	Resp:	96854
Ion Ratio	Lower	Upper	
276	100		
138	18.5	25.0	37.6#
277	24.2	20.1	30.1





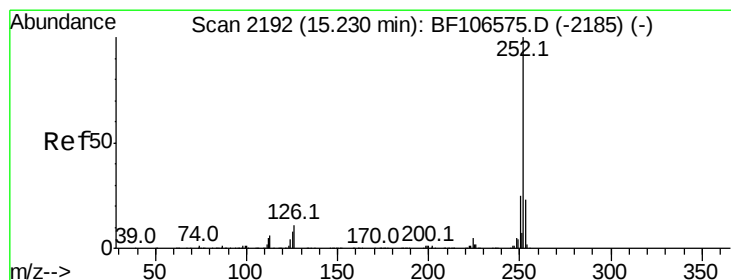
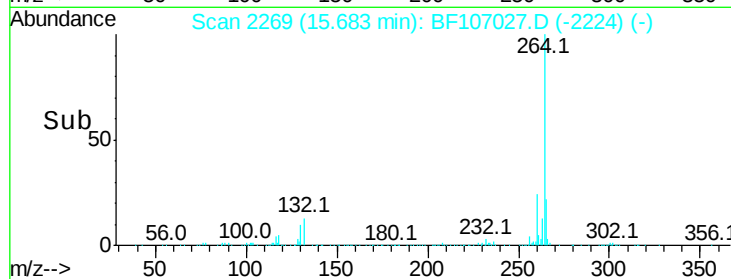
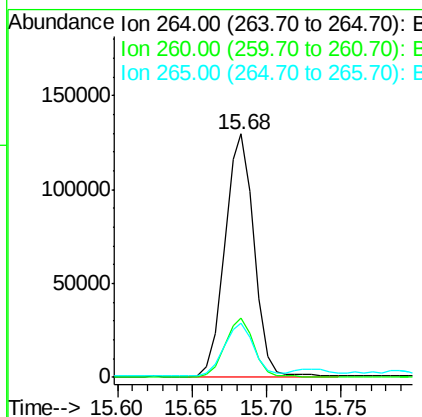
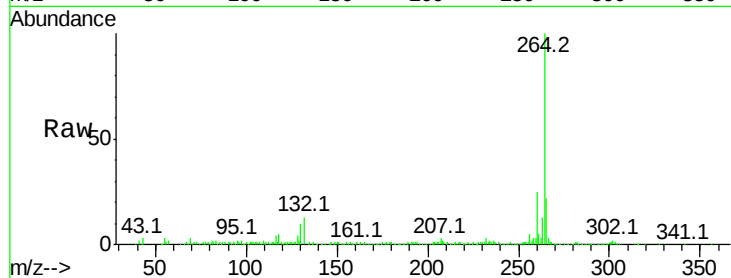
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107027.D
Acq: 30 Jun 2018 20:51

Instrument :
BNA_F
ClientSampleId :
P-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.4	17.5	26.3

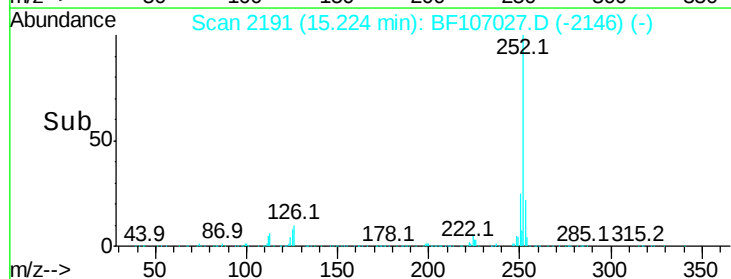
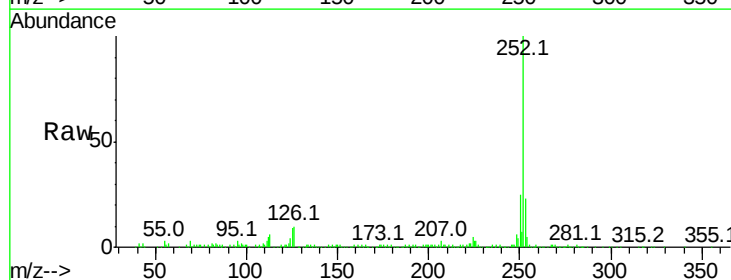
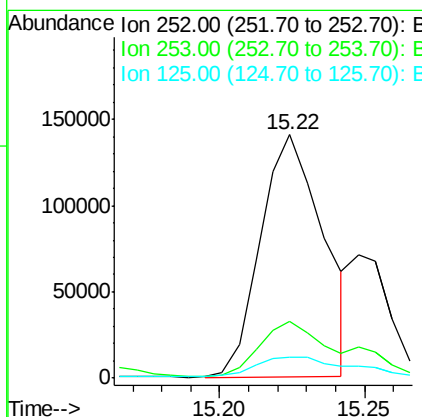
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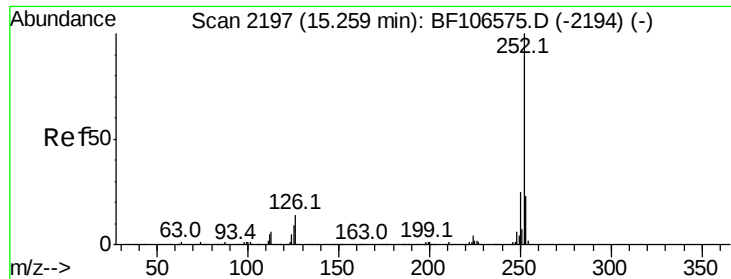
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#87
Benzo(b)fluoranthene
Concen: 19.304 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107027.D
Acq: 30 Jun 2018 20:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	8.8	9.0	13.6#





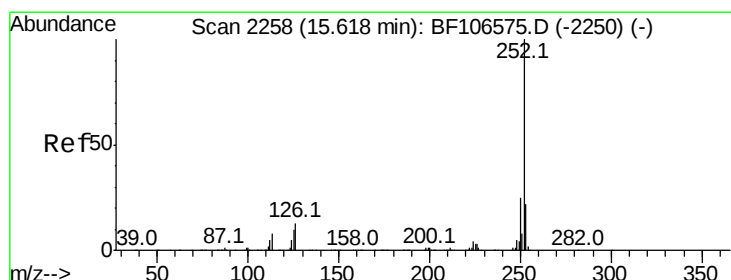
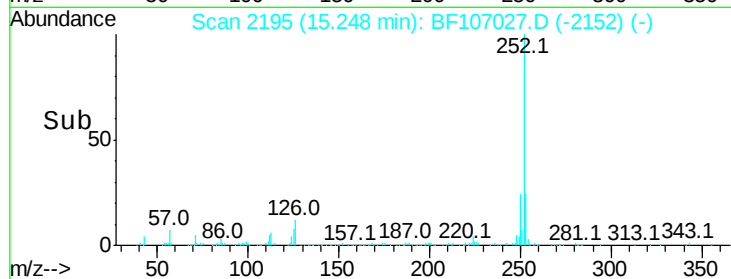
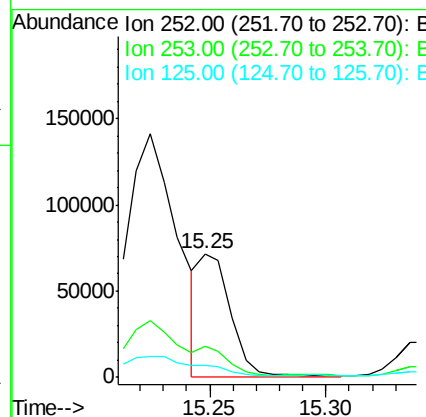
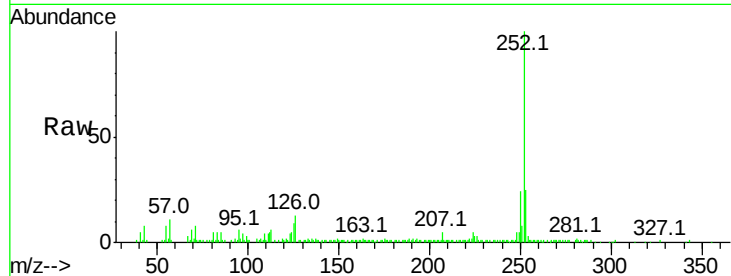
#88
Benzo(k)fluoranthene
Concen: 6.353 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107027.D
Acq: 30 Jun 2018 20:51

Instrument :
BNA_F
ClientSampleId :
P-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	9.3	10.2	15.2#

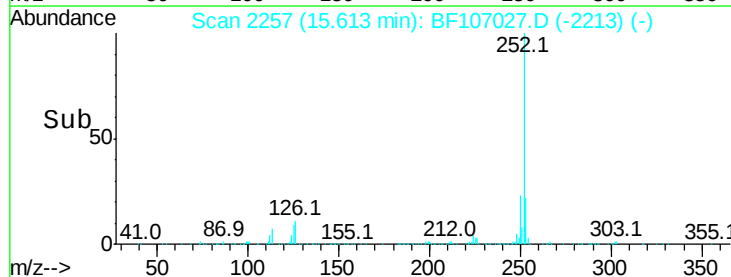
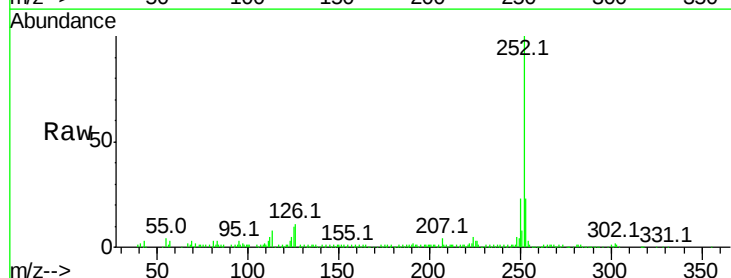
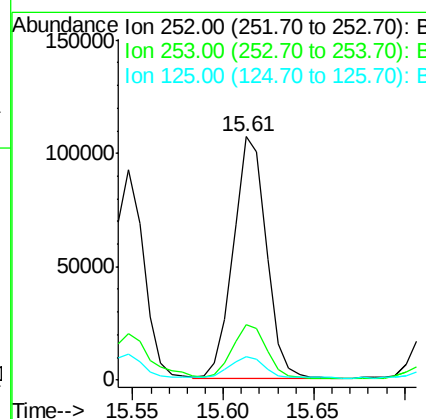
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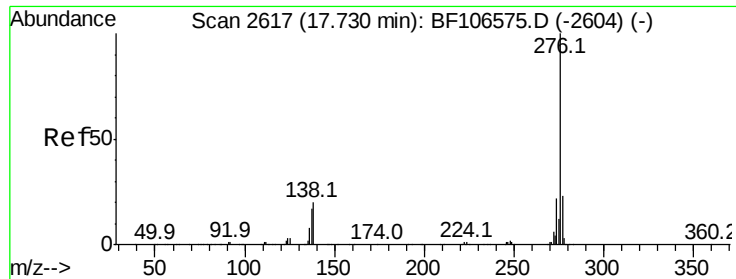
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#89
Benzo(a)pyrene
Concen: 13.970 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107027.D
Acq: 30 Jun 2018 20:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	9.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 11.783 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.05 min
 Lab File: BF107027.D
 Acq: 30 Jun 2018 20:51

Instrument :
 BNA_F
 ClientSampleId :
 P-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	17.0	21.8	32.8

Manual Integrations
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