

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106820.D
 Acq On : 26 Jun 2018 14:09
 Operator : JU/SJ
 Sample : J3240-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-062218

Manual Integrations
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 6/27/2018 2:13:57 PM

Quant Time: Jun 26 15:55:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45983	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	175465	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	79770	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	143038	20.00	ng	0.00
75) Chrysene-d12	14.15	240	143543	20.00	ng	-0.01
86) Perylene-d12	15.70	264	113867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	120079	44.22	ng	0.00
7) Phenol-d6	6.60	99	151351	44.63	ng	-0.02
23) Nitrobenzene-d5	7.52	82	91199	28.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	41856	45.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	192304	31.52	ng	-0.01
78) Terphenyl-d14	13.07	244	203460	34.33	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	28217	4.716	ng	97
70) Phenanthrene	11.52	178	31496	4.565	ng	98
74) Fluoranthene	12.71	202	97657	12.843	ng	95
77) Pyrene	12.94	202	86717	9.161	ng	98
80) Benzo(a)anthracene	14.14	228	58377	6.673	ng	97
82) Chrysene	14.18	228	52847	6.566	ng	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	24097	3.528	ng	# 86
87) Benzo(b)fluoranthene	15.24	252	63413m	8.965	ng	
88) Benzo(k)fluoranthene	15.27	252	23396m	3.473	ng	
89) Benzo(a)pyrene	15.64	252	44087	7.011	ng	97
91) Benzo(g,h,i)perylene	17.76	276	27003	5.184	ng	91

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

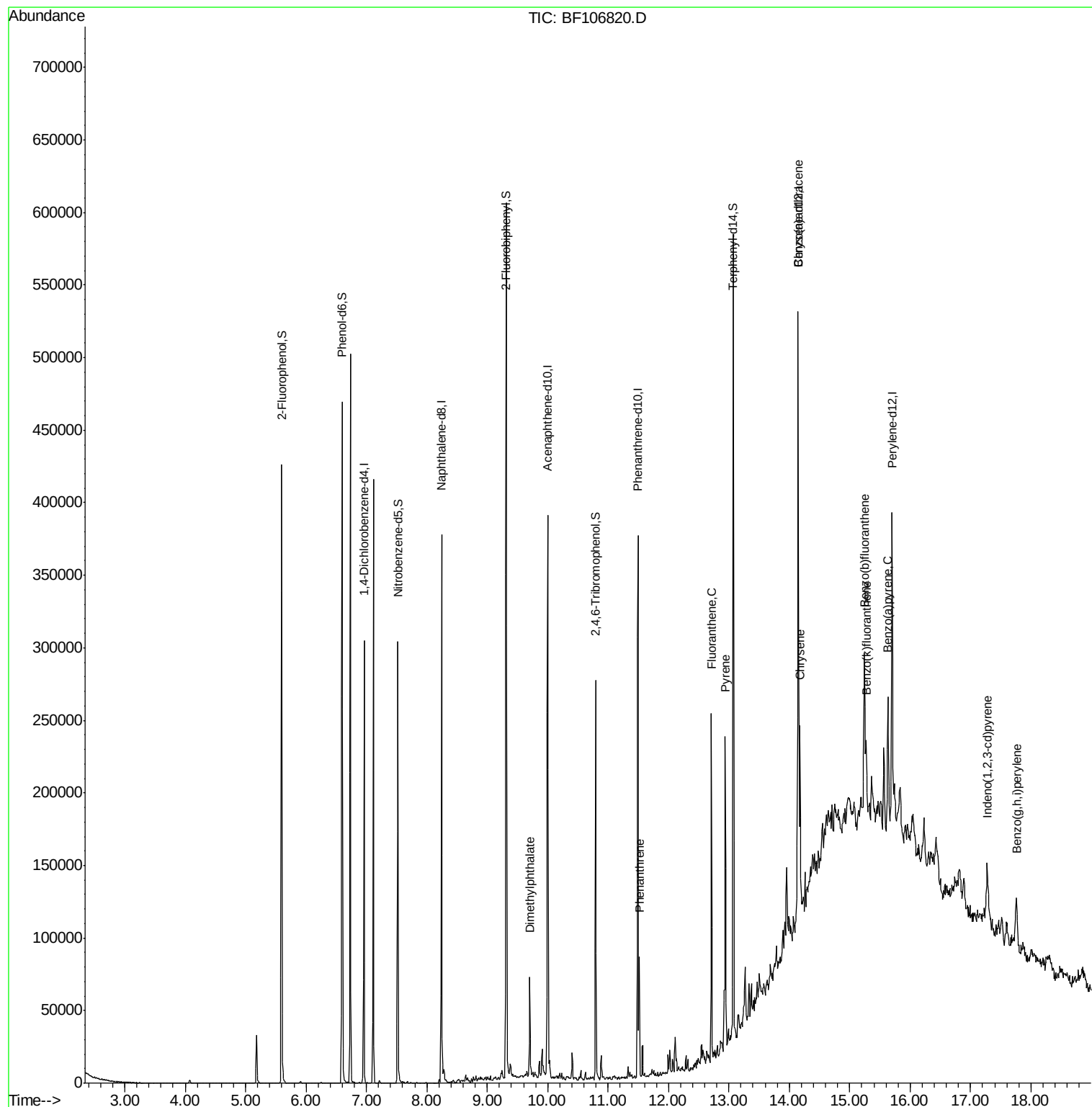
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106820.D
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Operator : JU/SJ
Sample : J3240-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

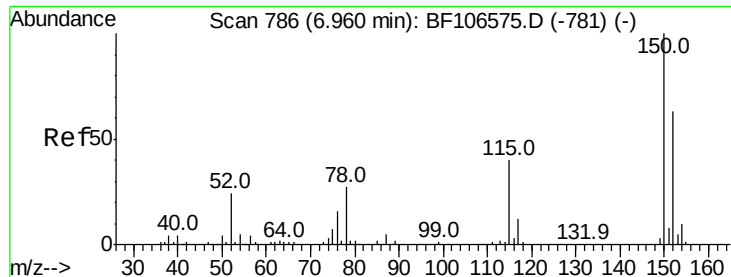
Instrument :
BNA_F
ClientSampleId :
BU-02-062218

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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

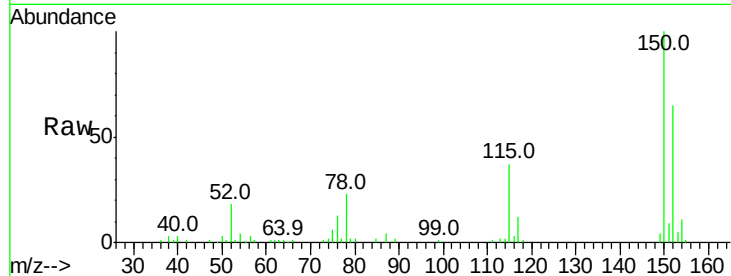
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	56.3	50.1	75.1

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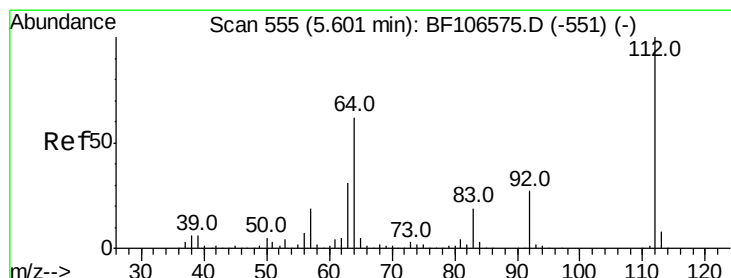
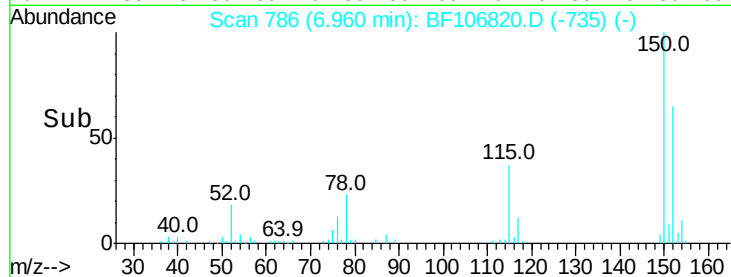
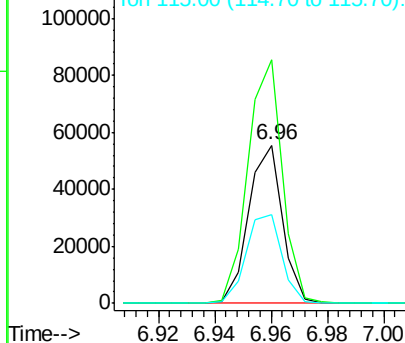


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

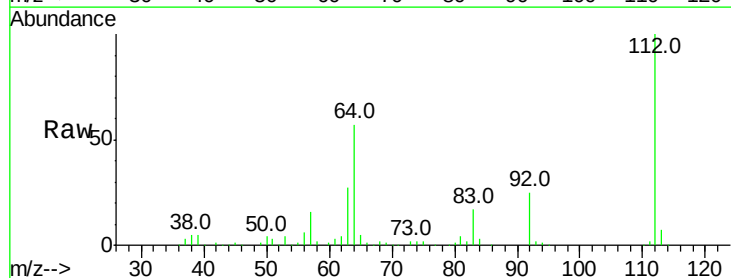
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.219 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	27.3	23.7	35.5

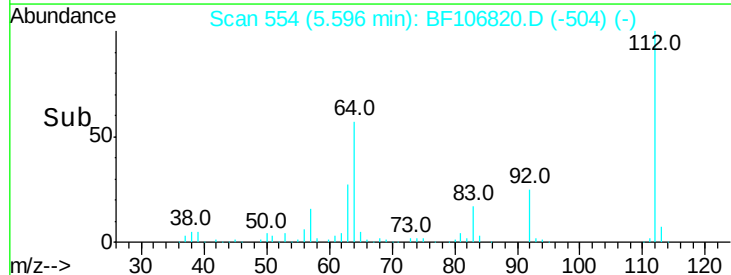
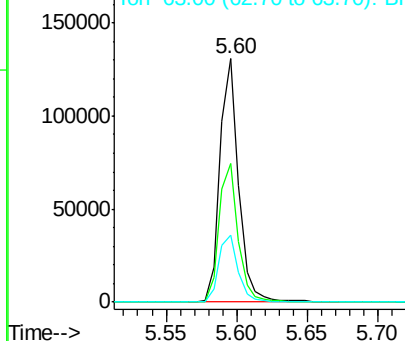


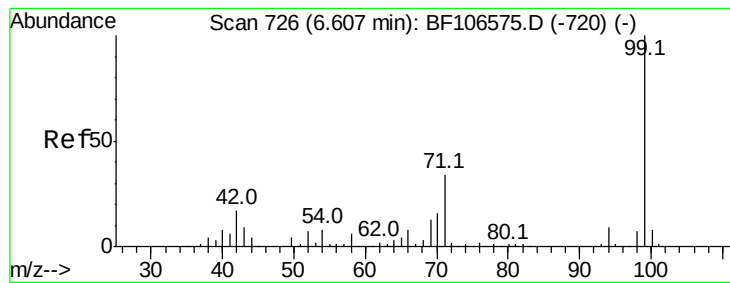
Abundance

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: 44.630 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106820.D

Acq: 26 Jun 2018 14:09

Instrument :

BNA_F

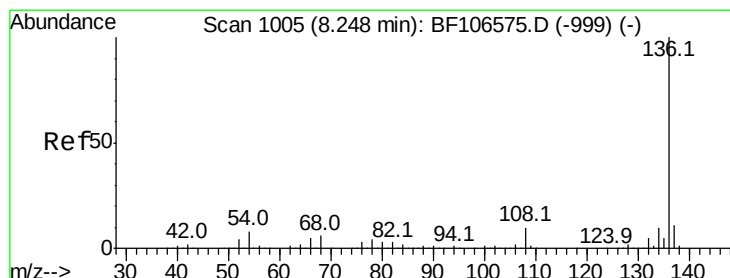
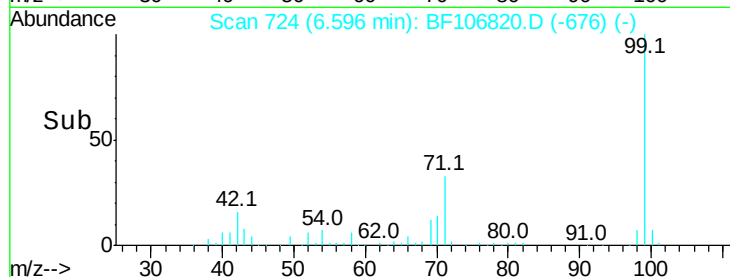
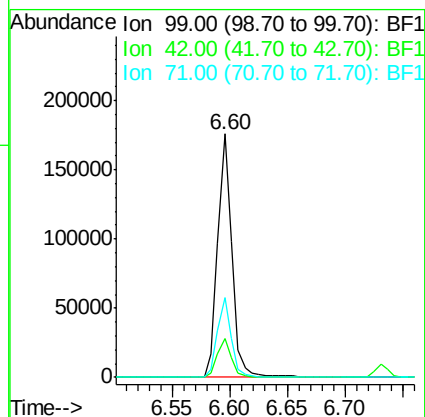
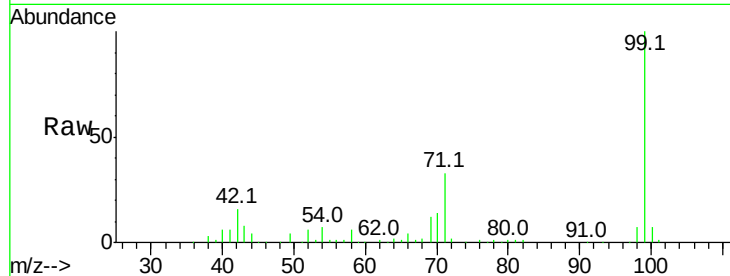
ClientSampleId :

BU-02-062218

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		151351		
42	15.9	14.5	21.7		
71	32.7	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

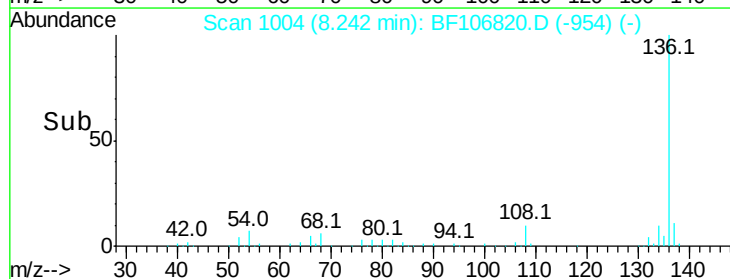
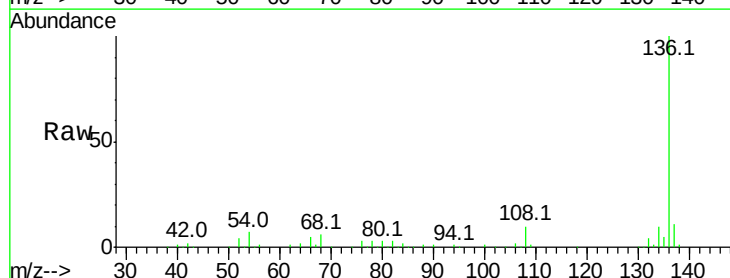
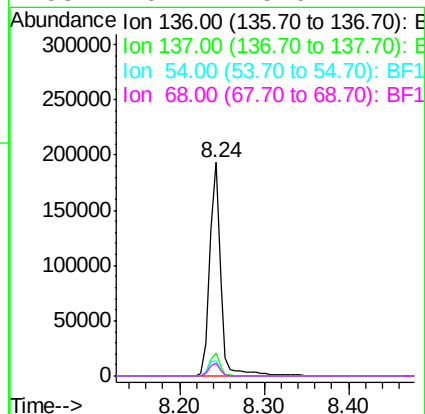
RT: 8.24 min Scan# 1004

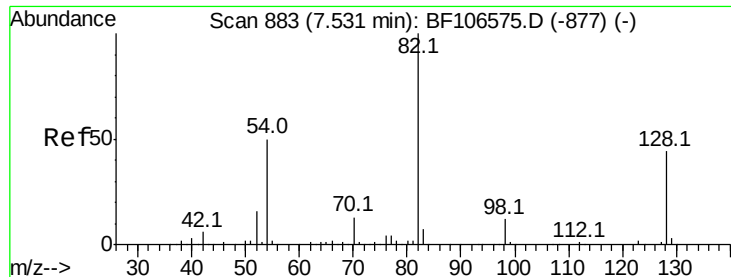
Delta R.T. -0.01 min

Lab File: BF106820.D

Acq: 26 Jun 2018 14:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		175465		
137	10.7	8.9	13.3		
54	7.3	6.6	9.8		
68	6.1	5.0	7.4		





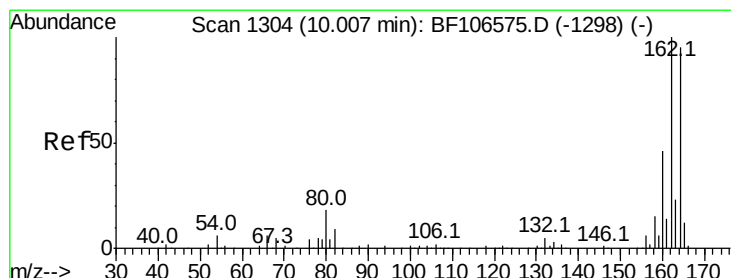
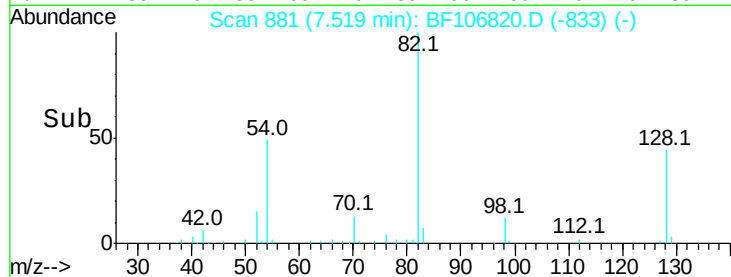
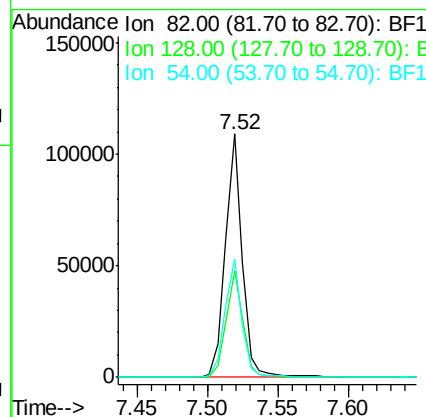
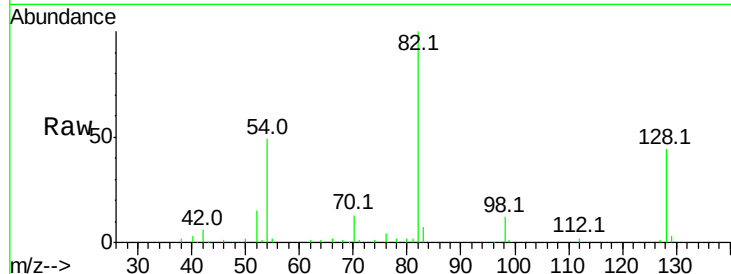
#23
 Nitrobenzene-d5
 Concen: 28.885 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106820.D
 Acq: 26 Jun 2018 14:09

Instrument :
 BNA_F
 ClientSampled :
 BU-02-062218

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	48.6	41.4	62.2

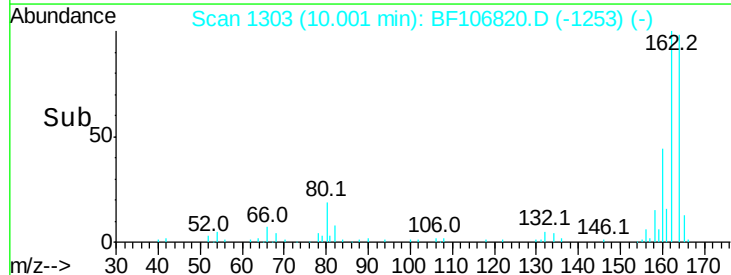
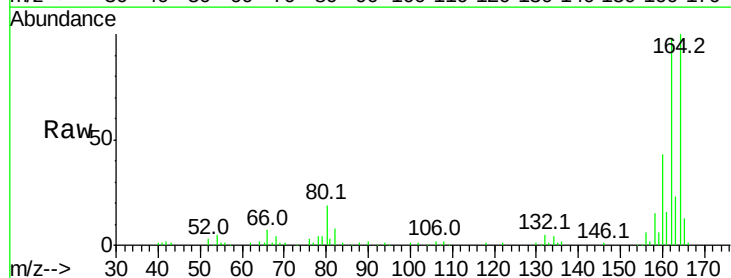
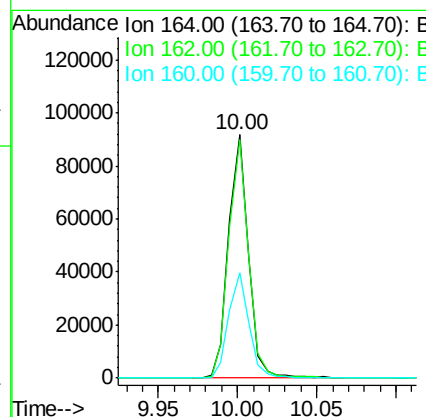
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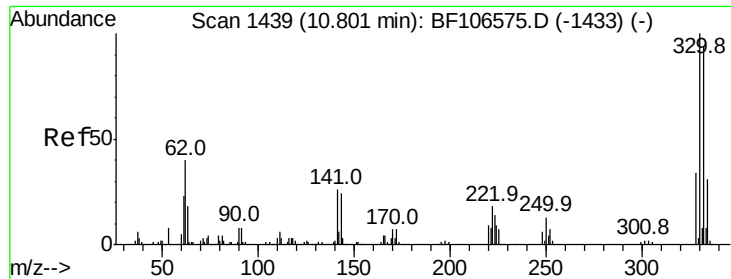
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106820.D
 Acq: 26 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	43.1	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 45.271 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106820.D

Acq: 26 Jun 2018 14:09

Instrument :

BNA_F

ClientSampleId :

BU-02-062218

Tot Ion:330 Resp: 41856

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

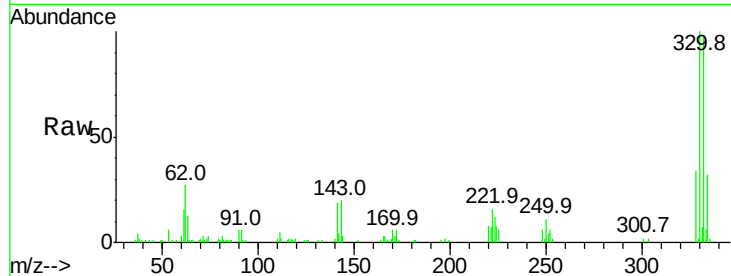
141 23.5 29.9 44.9#

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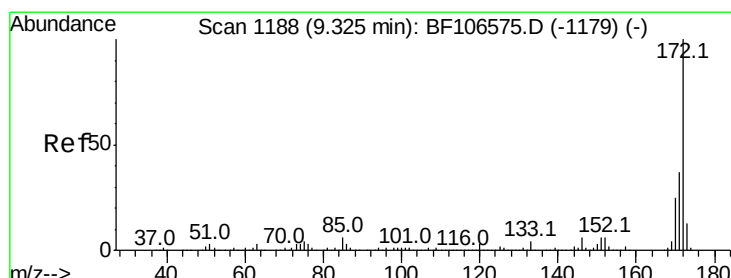
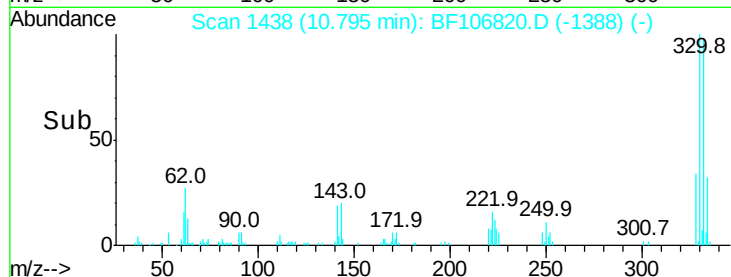
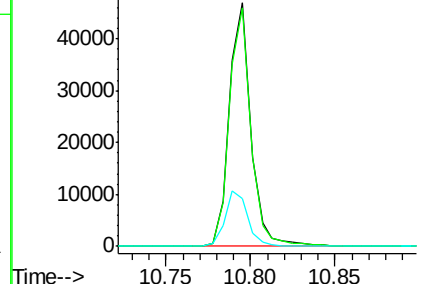
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 31.524 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF106820.D

Acq: 26 Jun 2018 14:09

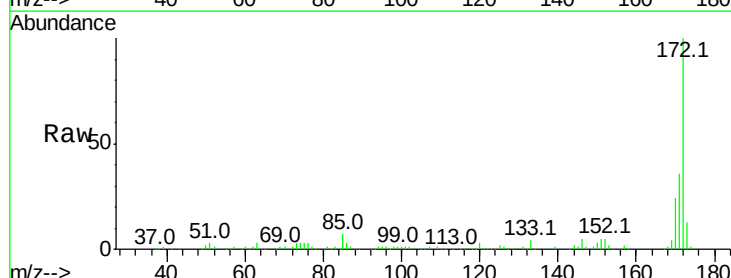
Tgt Ion:172 Resp: 192304

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

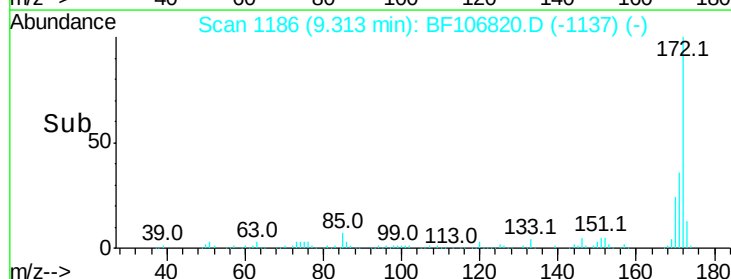
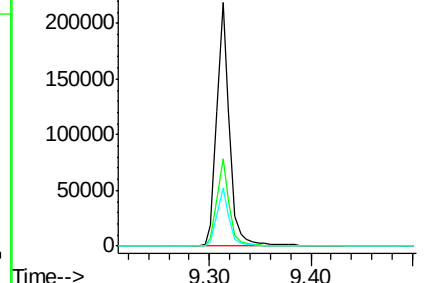
170 23.9 19.6 29.4

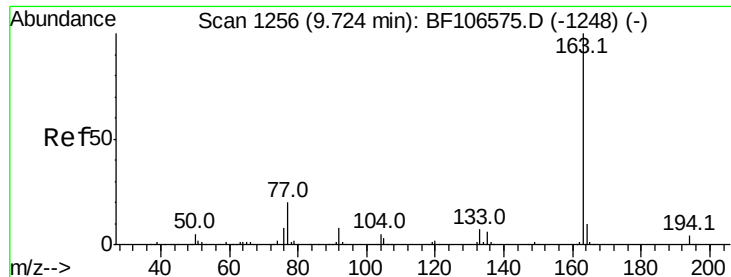


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





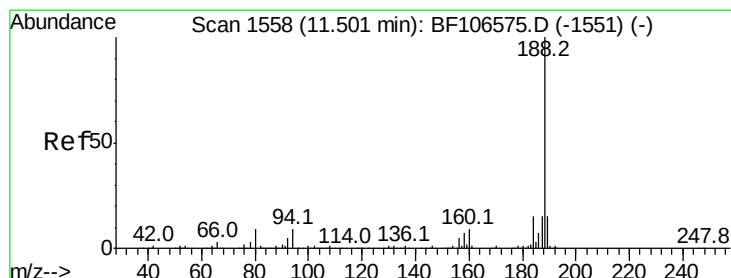
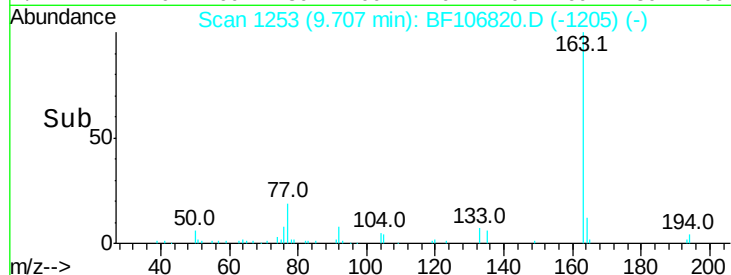
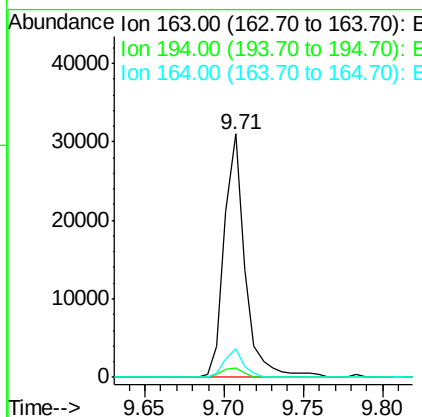
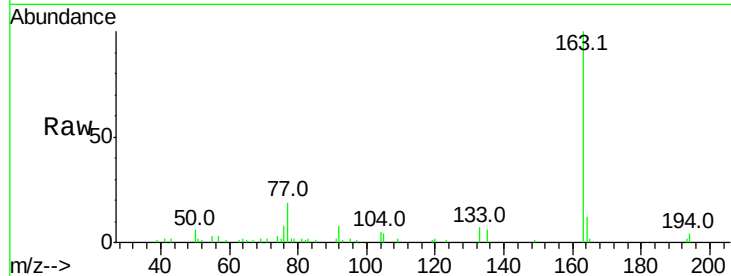
#49
 Dimethylphthalate
 Concen: 4.716 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106820.D
 Acq: 26 Jun 2018 14:09

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-062218

Tot Ion:	163	Resp:	28217
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	11.6	8.2	12.2

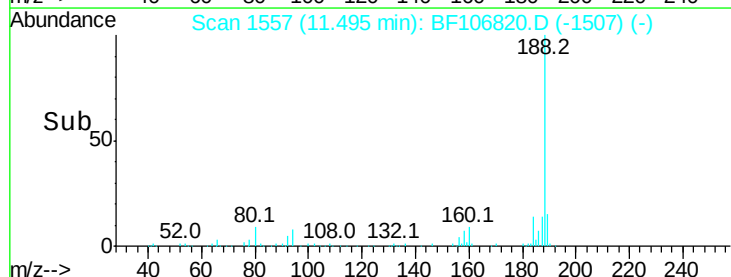
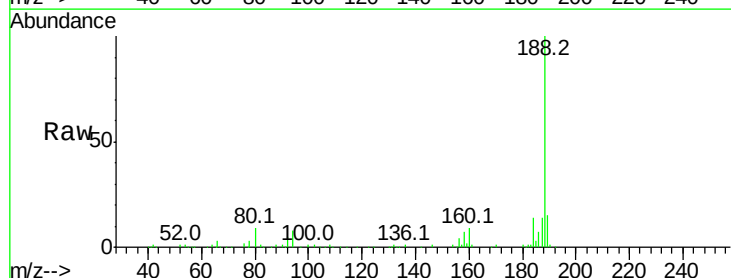
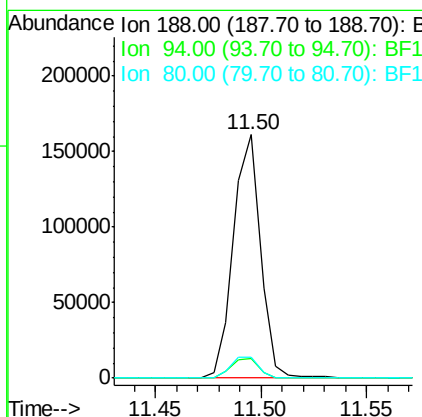
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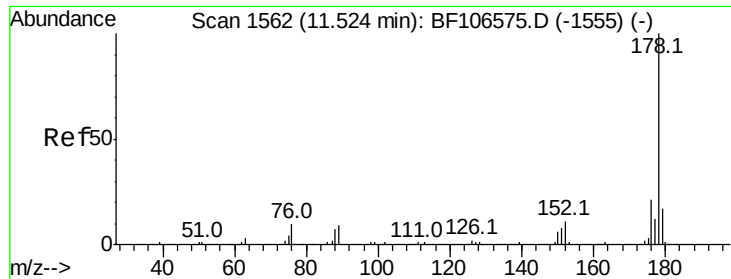
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF106820.D
 Acq: 26 Jun 2018 14:09

Tgt Ion:	188	Resp:	143038
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.5	12.7#
80	8.6	9.2	13.8#





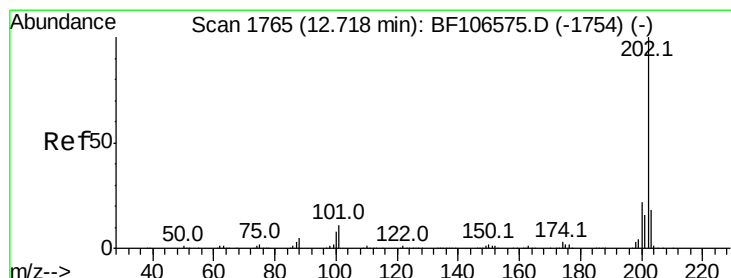
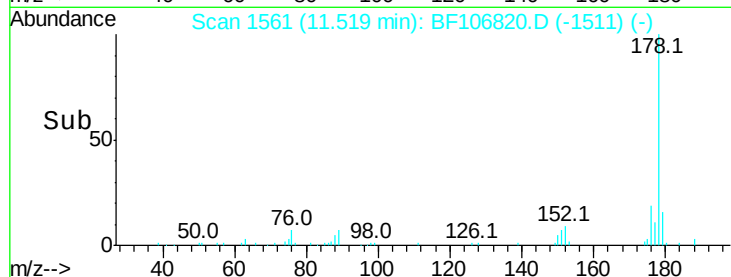
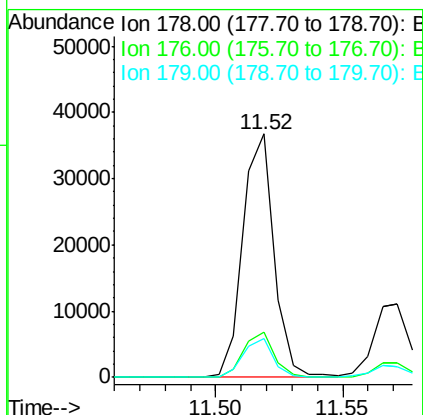
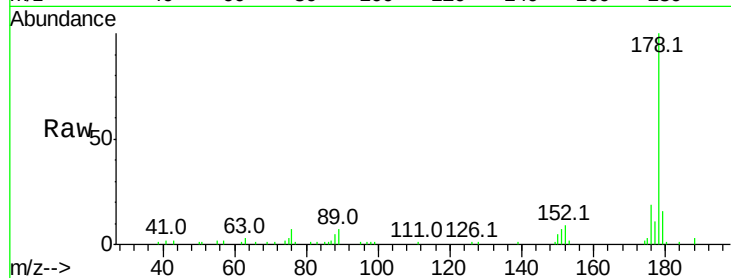
#70
Phenanthrene
Concen: 4.565 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	16.1	13.0	19.6

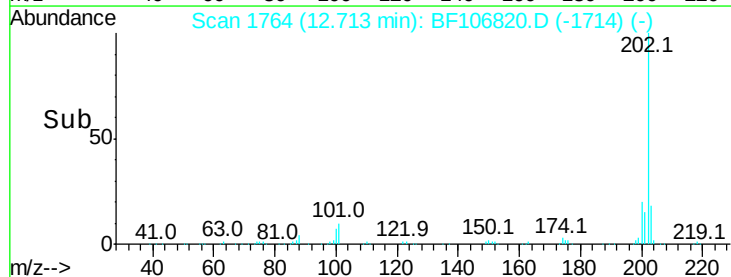
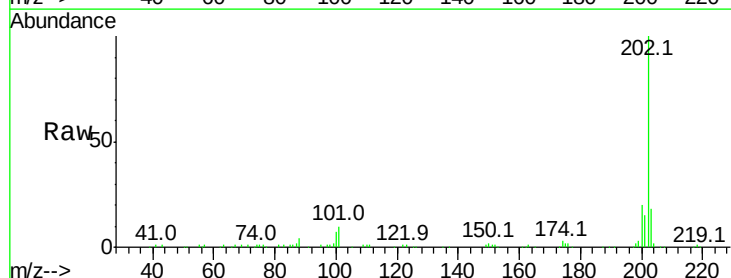
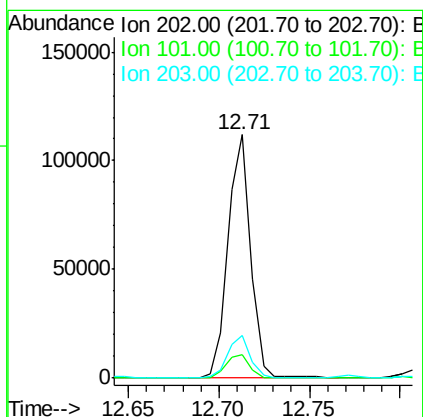
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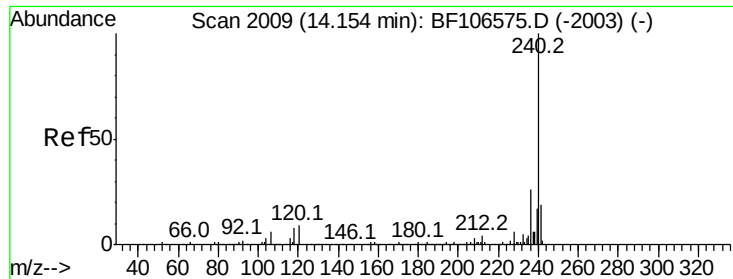
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#74
Fluoranthene
Concen: 12.843 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106820.D

Acq: 26 Jun 2018 14:09

Instrument :

BNA_F

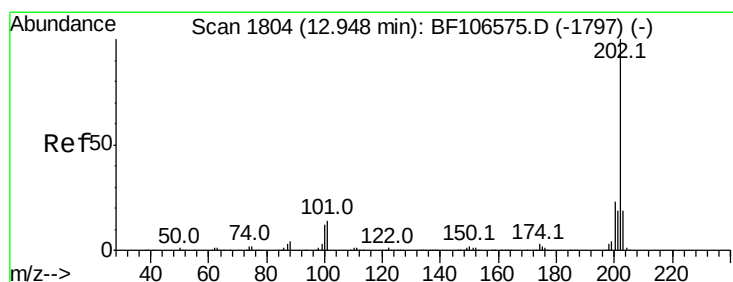
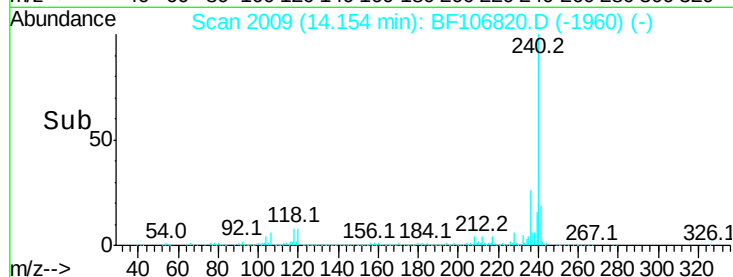
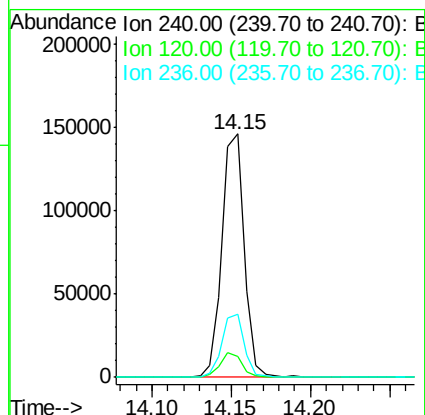
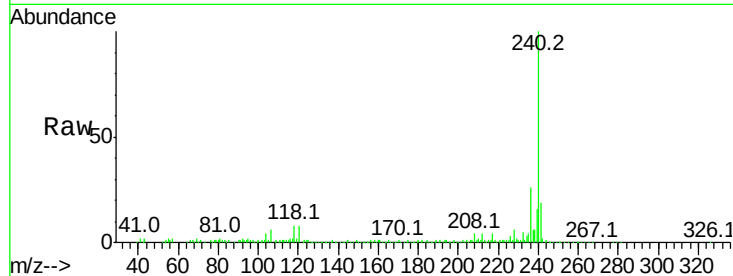
ClientSampleId :

BU-02-062218

Tot Ion:	240	Resp:	143543
Ion Ratio	Lower	Upper	
240	100		
120	8.5	9.5	14.3#
236	25.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 9.161 ng

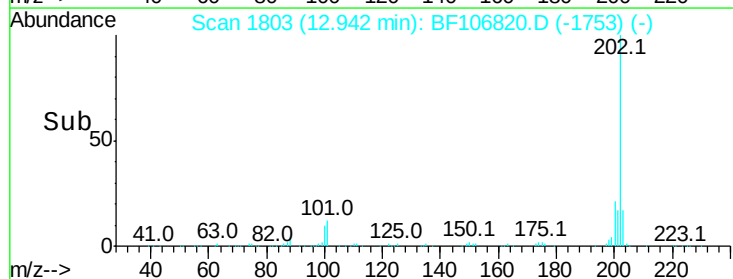
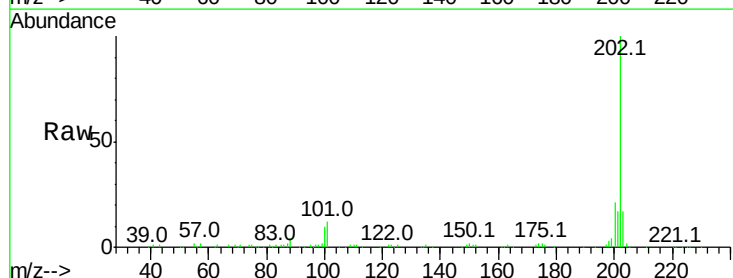
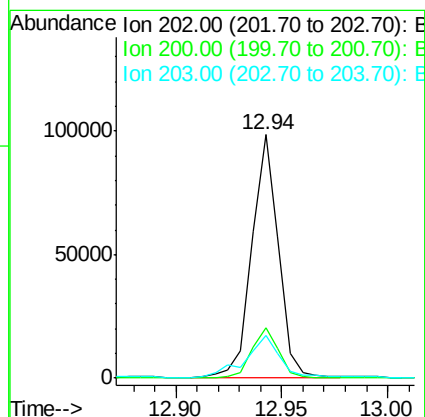
RT: 12.94 min Scan# 1803

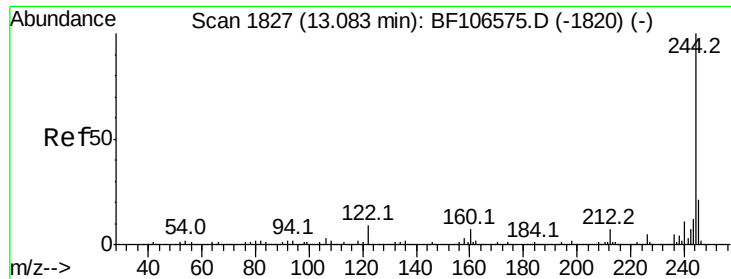
Delta R.T. -0.01 min

Lab File: BF106820.D

Acq: 26 Jun 2018 14:09

Tgt Ion:	202	Resp:	86717
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	17.4	14.3	21.5





#78

Terphenyl-d14

Concen: 34.334 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106820.D

Acq: 26 Jun 2018 14:09

Instrument :

BNA_F

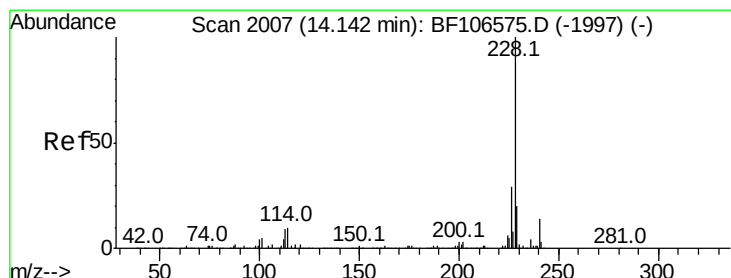
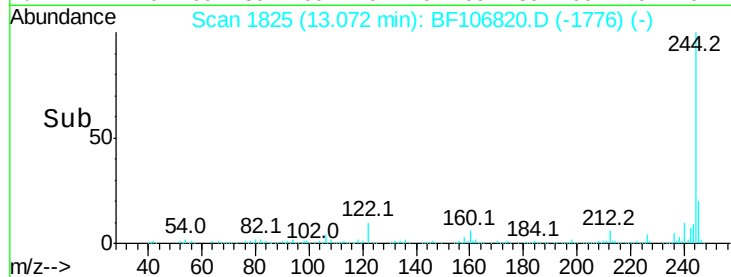
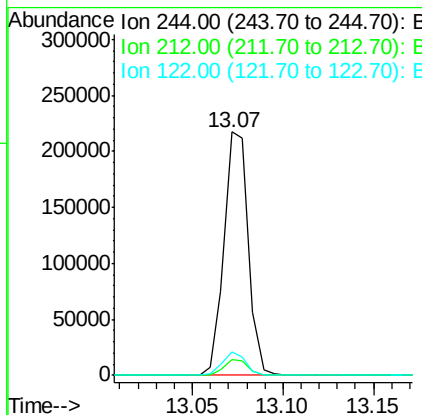
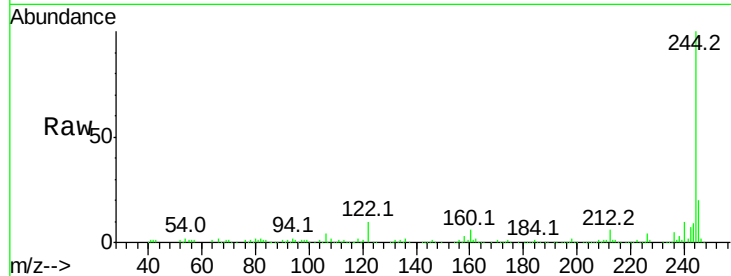
ClientSampleId :

BU-02-062218

Tot Ion:	244	Resp:	203460
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.0
122	9.6	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 6.673 ng

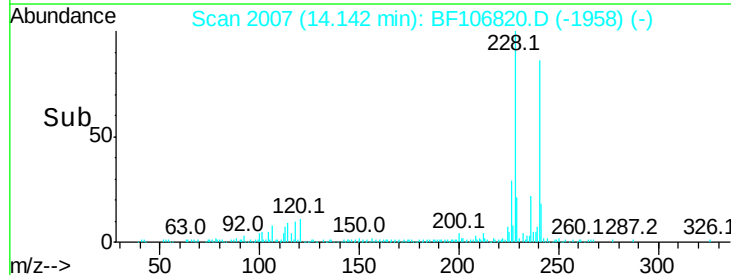
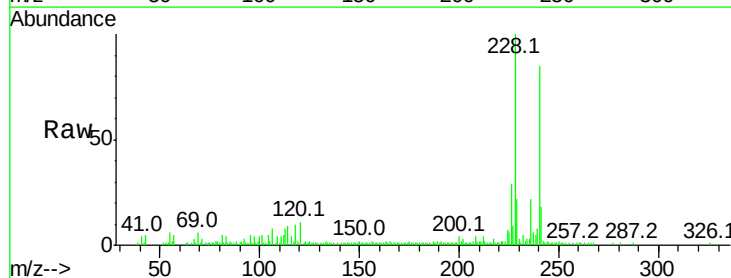
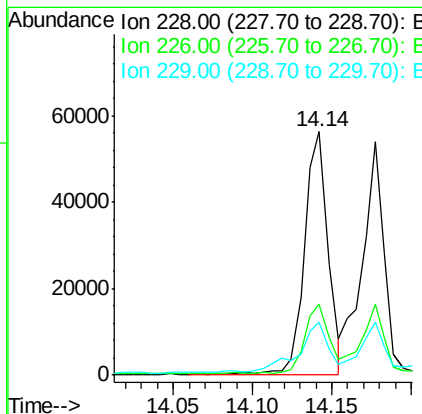
RT: 14.14 min Scan# 2007

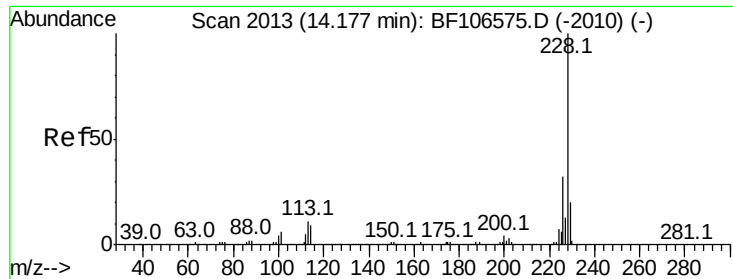
Delta R.T. -0.01 min

Lab File: BF106820.D

Acq: 26 Jun 2018 14:09

Tgt Ion:	228	Resp:	58377
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	33.8
229	21.7	15.8	23.6





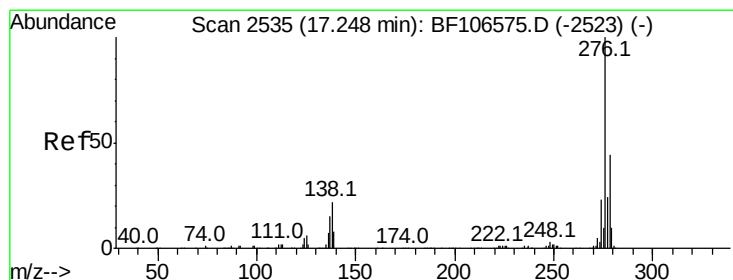
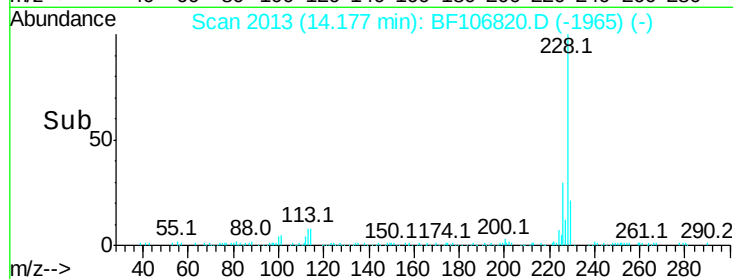
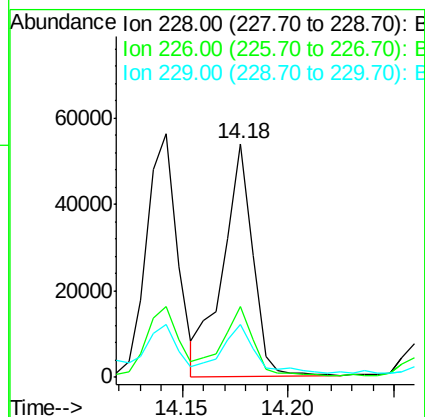
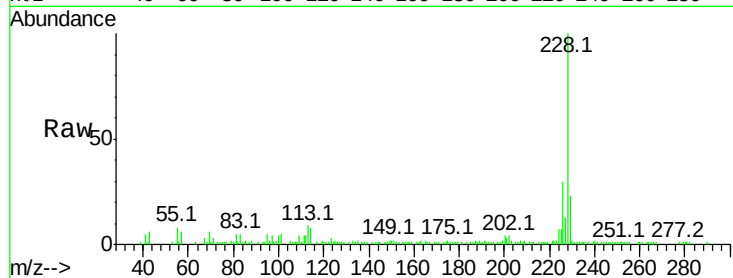
#82
Chrysene
Concen: 6.566 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

Tot Ion:	228	Resp:	52847
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	22.8	16.2	24.4

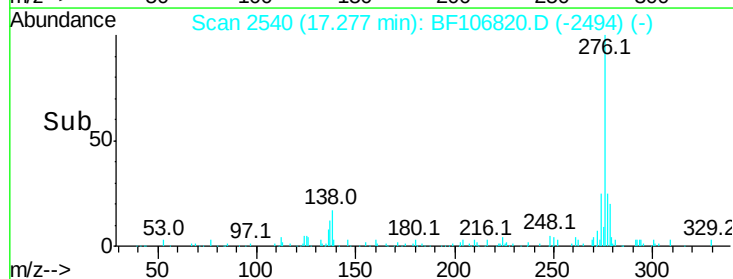
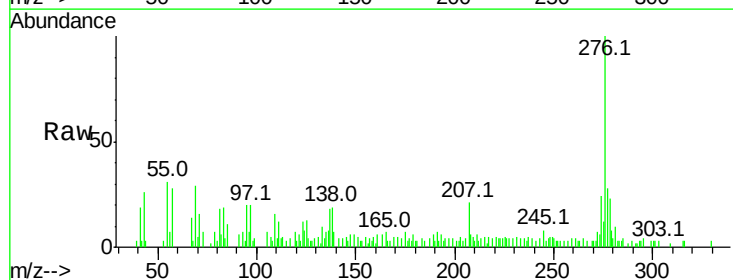
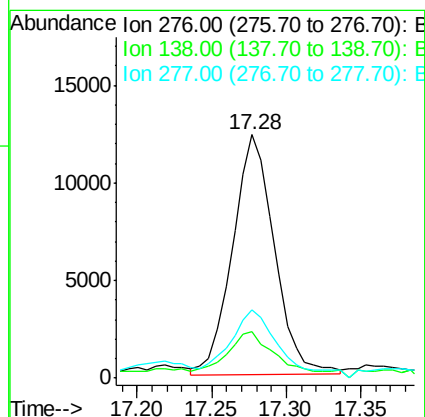
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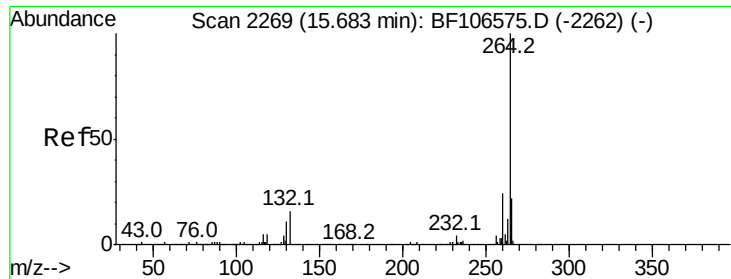
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.528 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Tgt Ion:	276	Resp:	24097
Ion Ratio	Lower	Upper	
276	100		
138	24.9	25.0	37.6#
277	33.7	20.1	30.1#





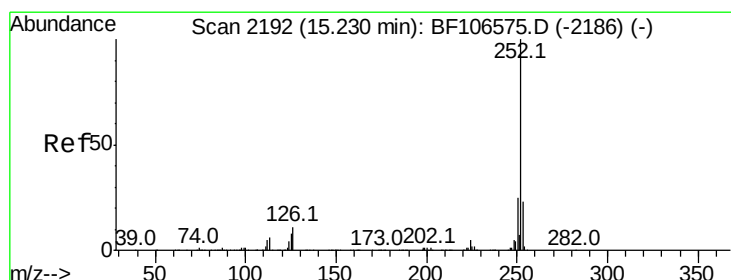
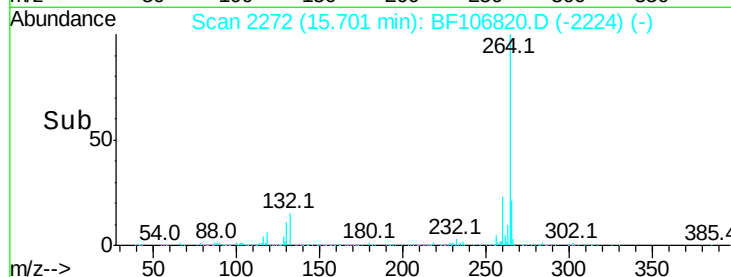
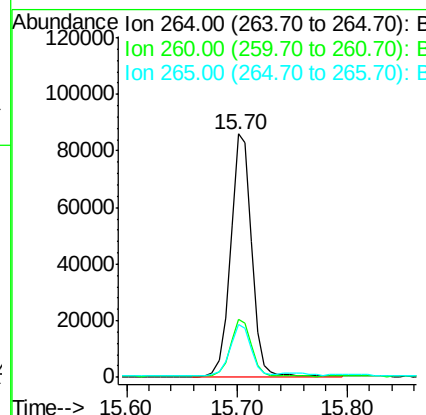
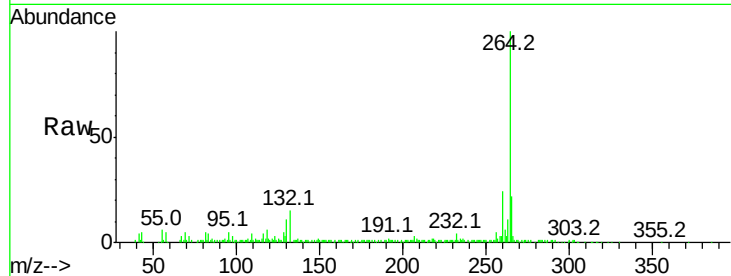
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

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

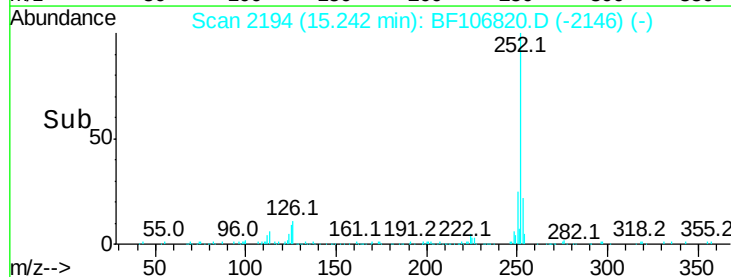
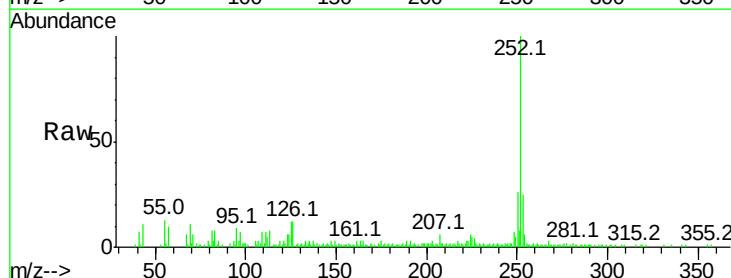
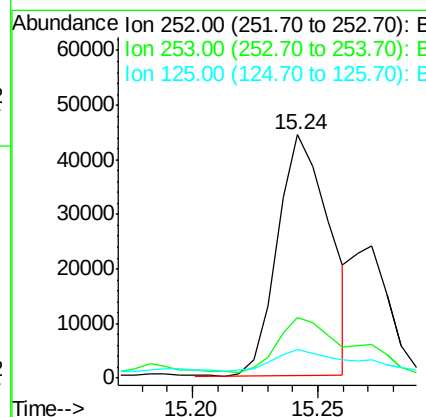
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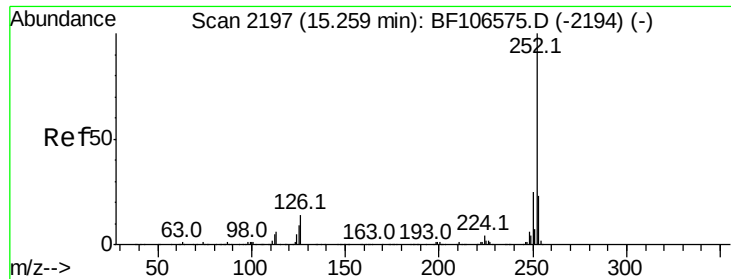
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#87
Benzo(b)fluoranthene
Concen: 8.965 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	11.9	9.0	13.6





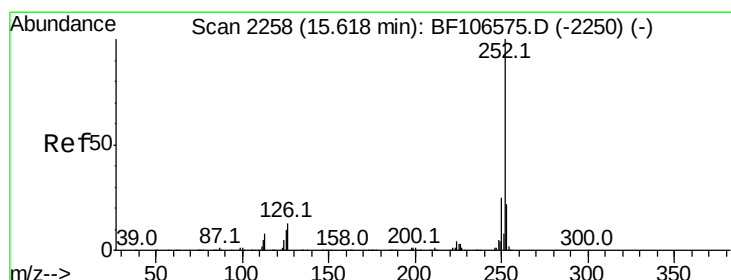
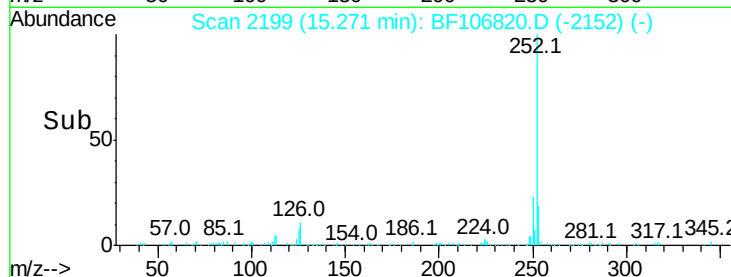
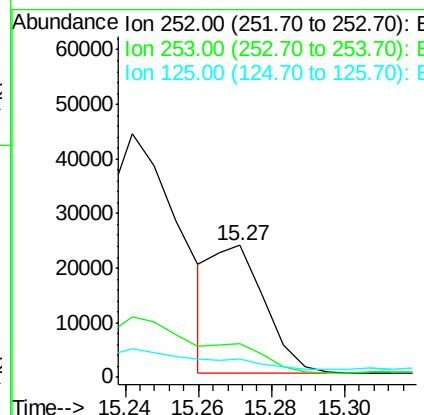
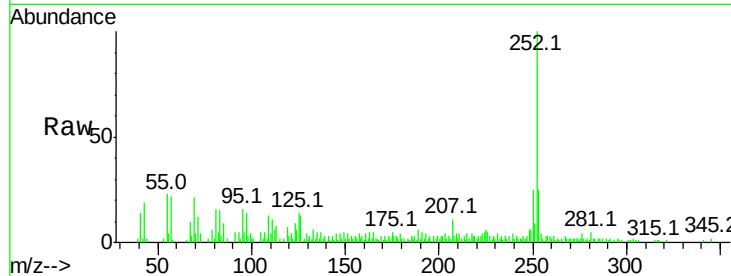
#88
Benzo(k)fluoranthene
Concen: 3.473 ng m
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Instrument :
BNA_F
ClientSampleId :
BU-02-062218

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	13.6	10.2	15.2

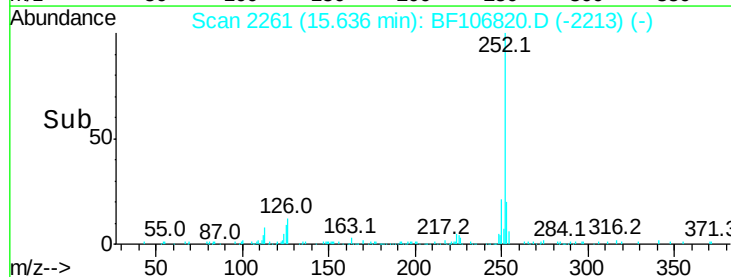
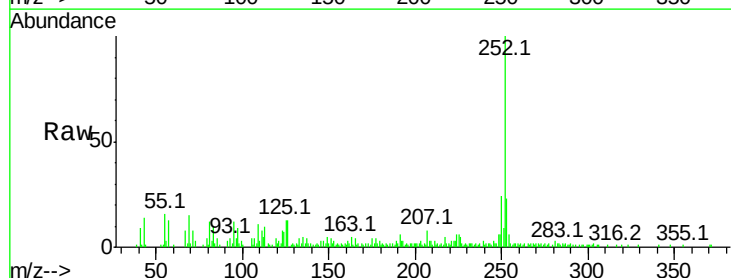
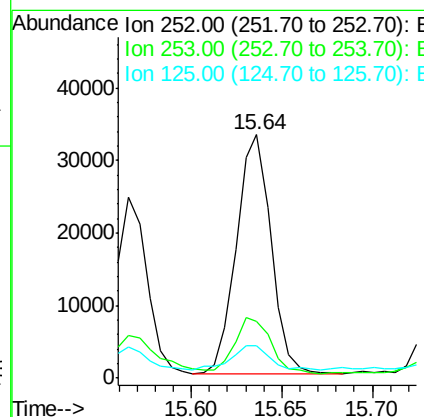
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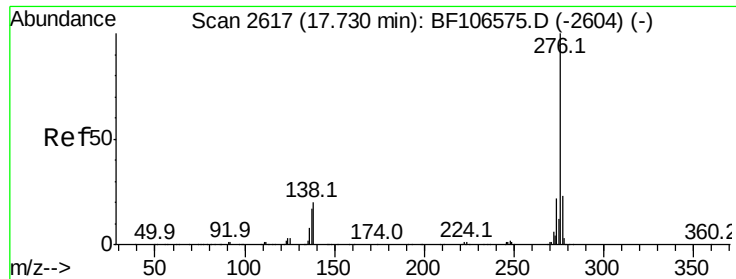
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#89
Benzo(a)pyrene
Concen: 7.011 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF106820.D
Acq: 26 Jun 2018 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	13.1	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 5.184 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. -0.03 min
 Lab File: BF106820.D
 Acq: 26 Jun 2018 14:09

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-062218

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	22.2	21.8	32.8

Manual Integrations
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