

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107007.D
 Acq On : 30 Jun 2018 11:56
 Operator : JU/SJ
 Sample : J3774-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(3-5)

Manual Integrations
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Quant Time: Jul 02 04:42:41 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	66492	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	249639	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	117383	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	196107	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	208486	20.00	ng	-0.02
86) Perylene-d12	15.68	264	217473	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	379801	96.72	ng	0.00
7) Phenol-d6	6.60	99	470368	95.92	ng	-0.01
23) Nitrobenzene-d5	7.52	82	290801	64.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	133088	97.82	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	505435	70.34	ng	-0.02
78) Terphenyl-d14	13.07	244	493032	57.28	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	77616	8.816	ng	99
70) Phenanthrene	11.51	178	88002	9.304	ng	97
71) Anthracene	11.56	178	20176	2.090	ng	98
74) Fluoranthene	12.71	202	140021	13.431	ng	94
77) Pyrene	12.94	202	127984	9.309	ng	98
80) Benzo(a)anthracene	14.13	228	84620	6.660	ng	99
82) Chrysene	14.17	228	73660	6.301	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	38467	3.878	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	110309m	8.165	ng	
89) Benzo(a)pyrene	15.62	252	73526m	6.122	ng	
91) Benzo(g,h,i)perylene	17.74	276	34555	3.474	ng	# 92

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

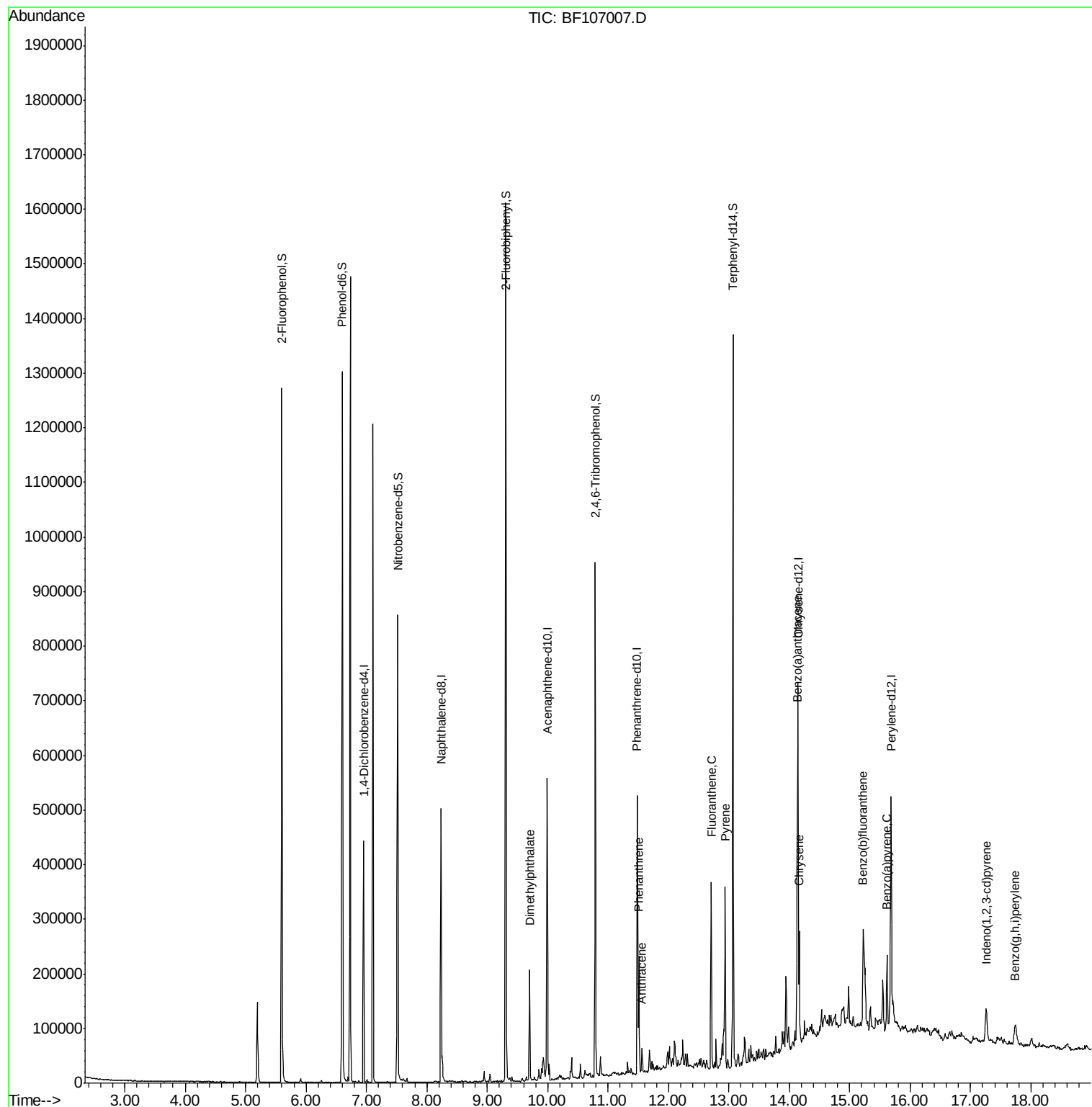
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107007.D
Acq On : 30 Jun 2018 11:56
Operator : JU/SJ
Sample : J3774-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

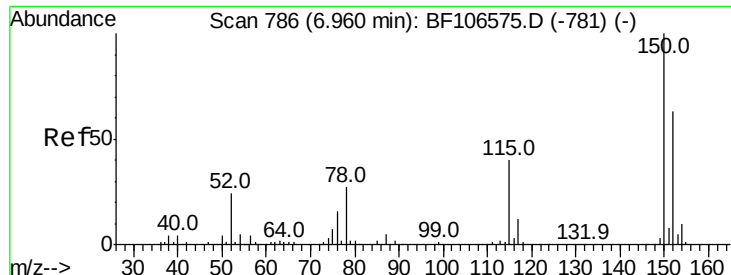
Instrument :
BNA_F
ClientSampleId :
SB-5(3-5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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QLast Update : Fri Jun 29 14:38:29 2018
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#1

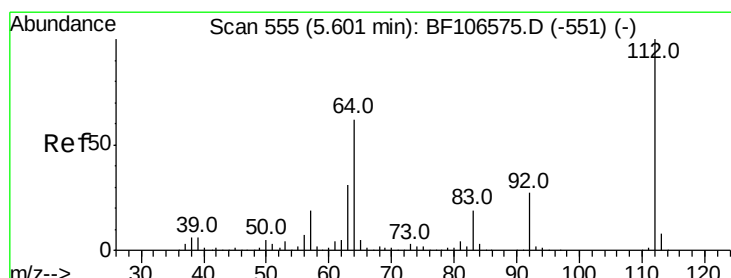
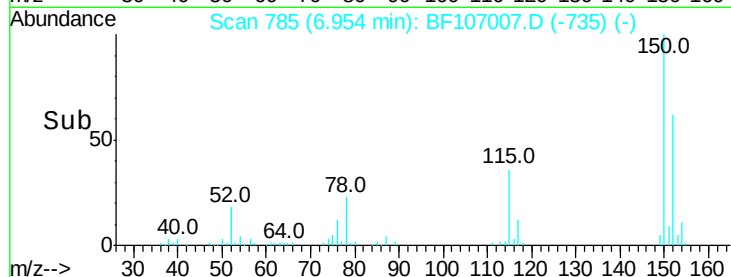
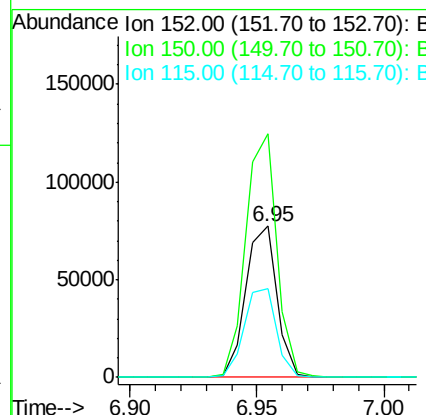
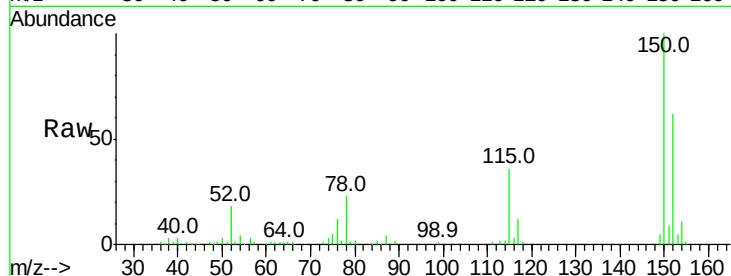
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :
SB-5(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	58.6	50.1	75.1

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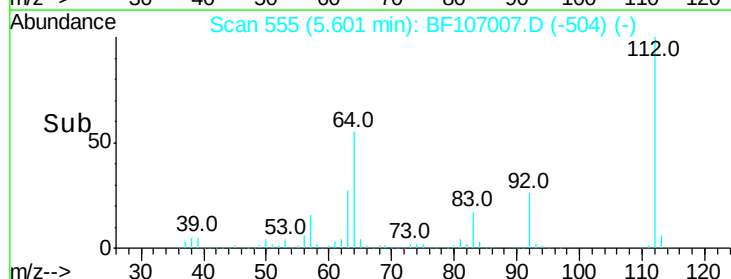
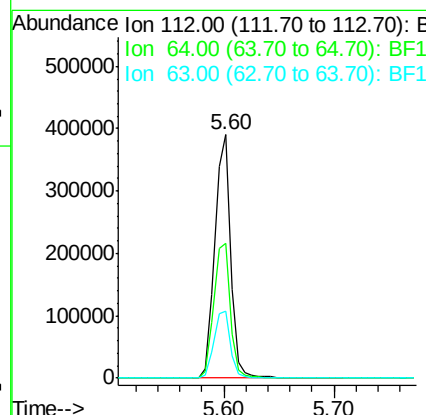
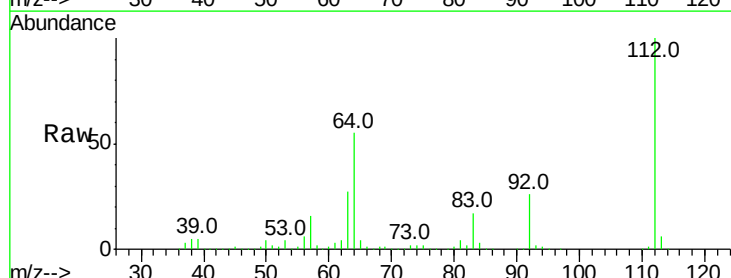
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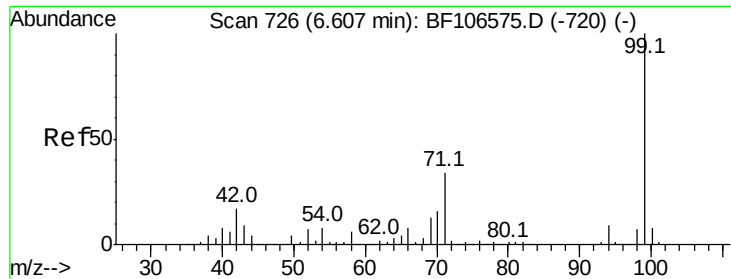


#5

2-Fluorophenol
Concen: 96.722 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	27.5	23.7	35.5





#7

Phenol-d6

Concen: 95.921 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107007.D

Acq: 30 Jun 2018 11:56

Instrument :

BNA_F

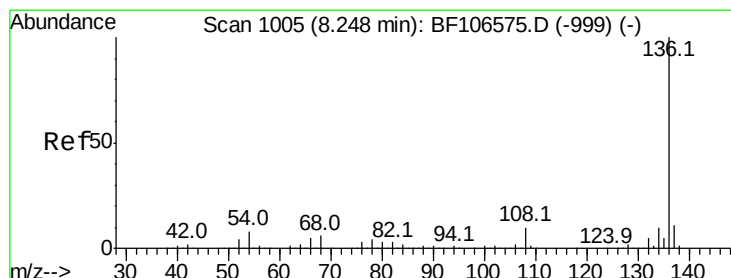
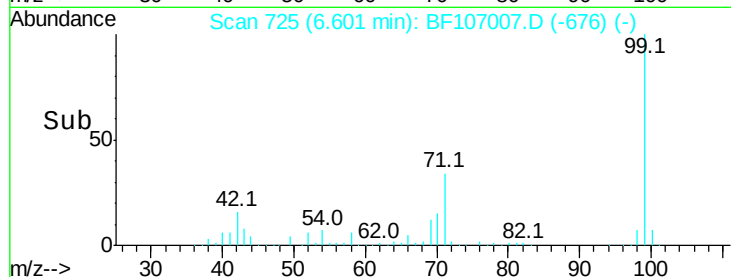
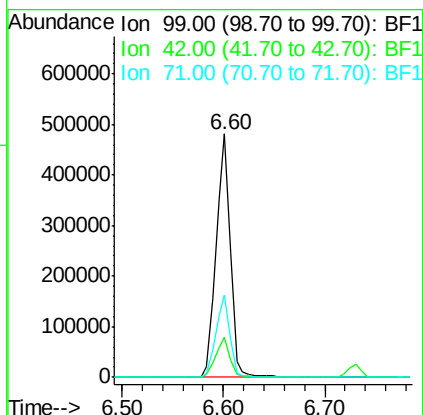
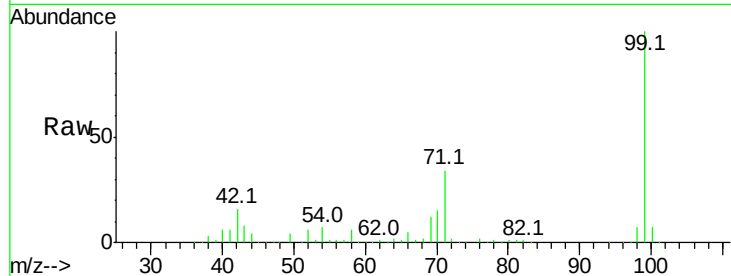
ClientSampleId :

SB-5(3-5)

Tot Ion:	99	Resp:	470368
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

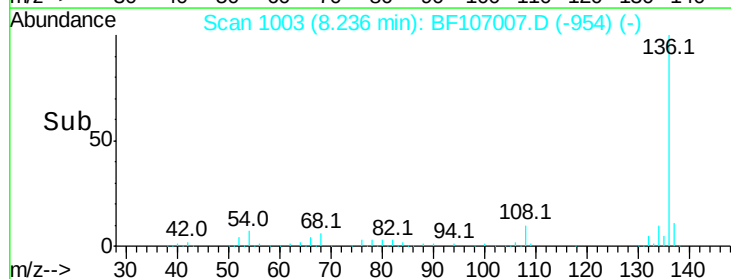
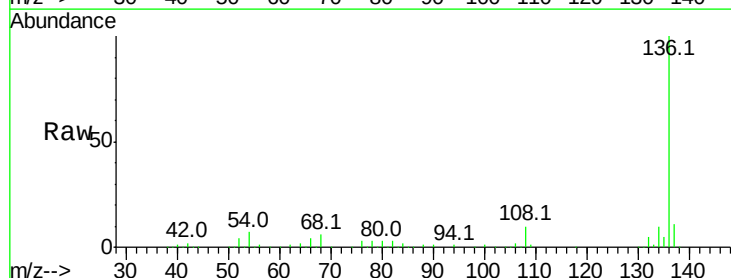
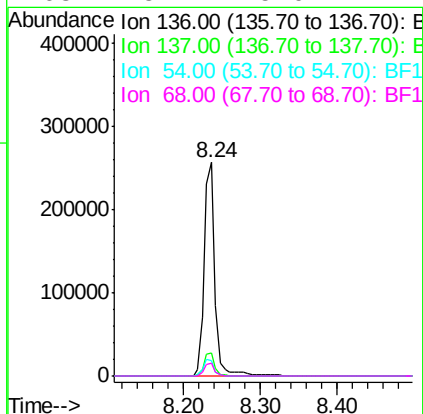
RT: 8.24 min Scan# 1003

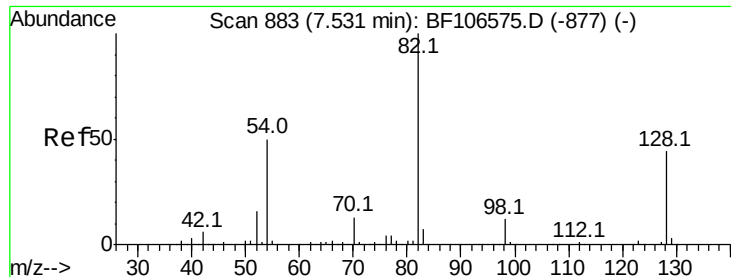
Delta R.T. -0.01 min

Lab File: BF107007.D

Acq: 30 Jun 2018 11:56

Tgt Ion:	136	Resp:	249639
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4





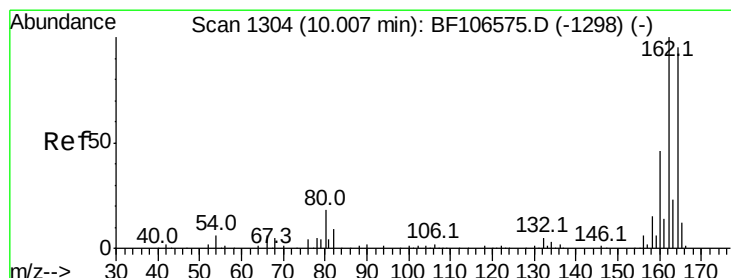
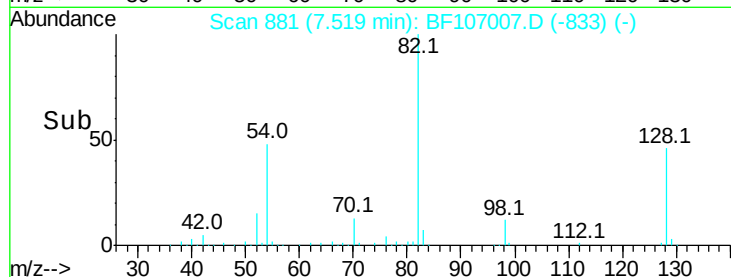
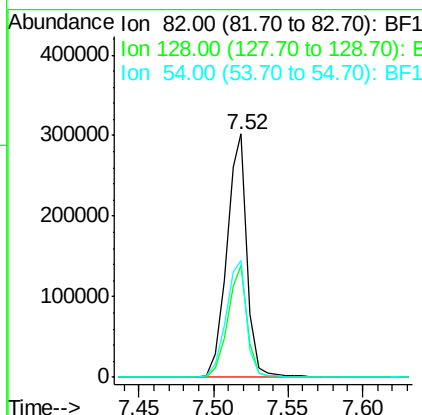
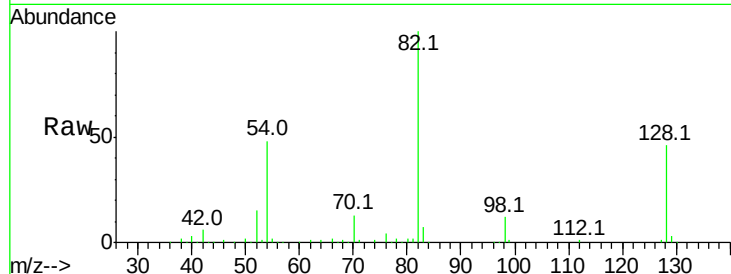
#23
 Nitrobenzene-d5
 Concen: 64.737 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107007.D
 Acq: 30 Jun 2018 11:56

Instrument :
 BNA_F
 ClientSampled :
 SB-5(3-5)

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	45.7	36.1	54.1
54	48.2	41.4	62.2

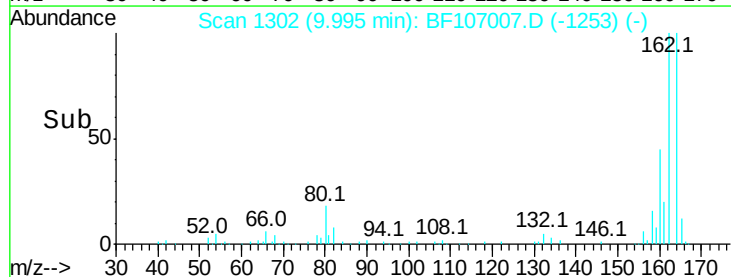
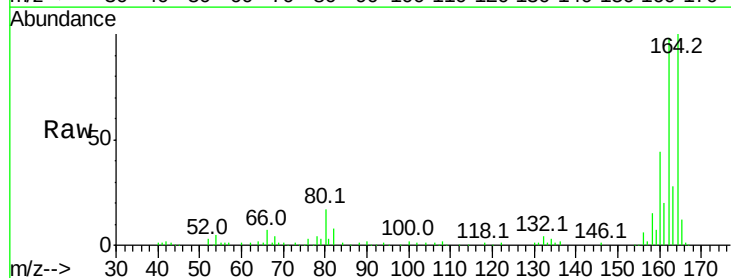
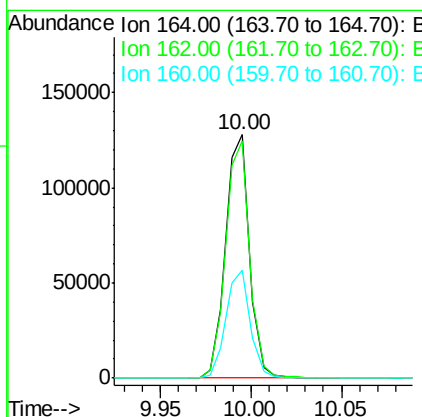
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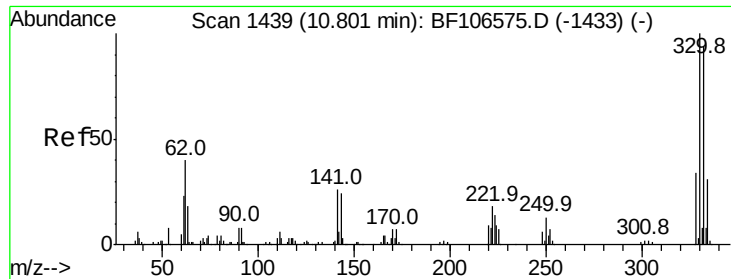
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107007.D
 Acq: 30 Jun 2018 11:56

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	97.7	86.1	129.1
160	44.1	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 97.823 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107007.D

Acq: 30 Jun 2018 11:56

Instrument :

BNA_F

ClientSampled :

SB-5(3-5)

Tot Ion:330 Resp: 133088

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

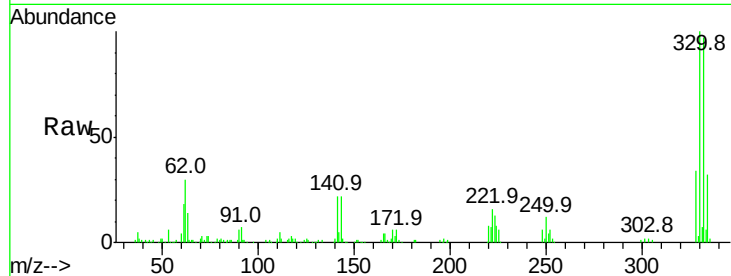
141 23.3 29.9 44.9#

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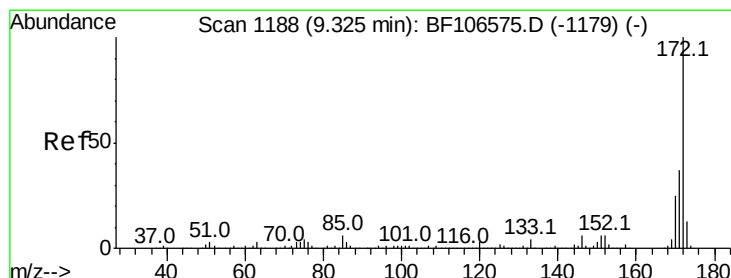
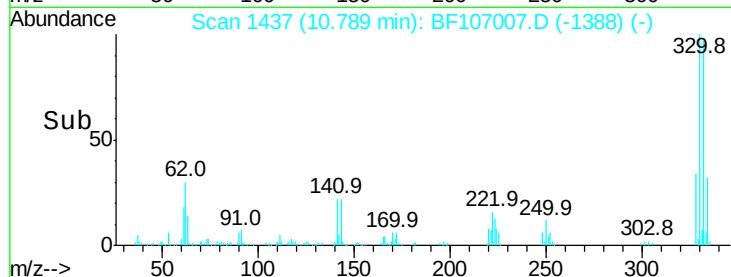
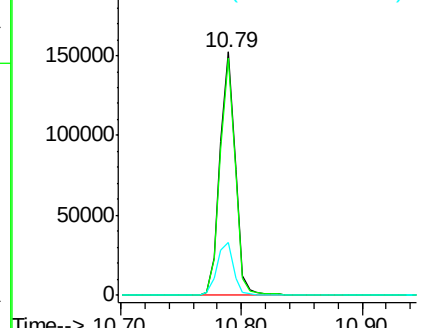
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 70.338 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF107007.D

Acq: 30 Jun 2018 11:56

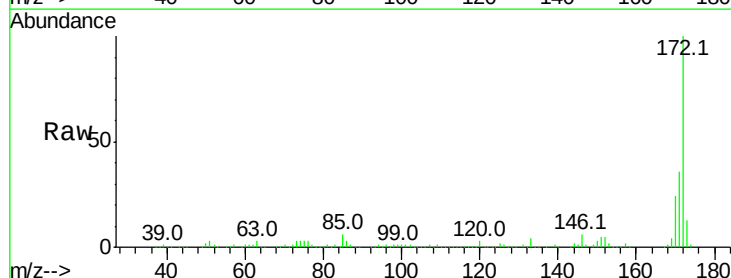
Tgt Ion:172 Resp: 505435

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

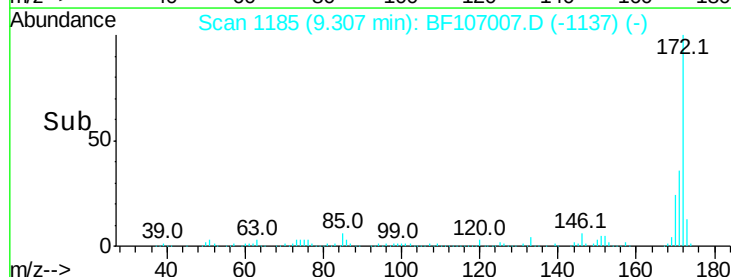
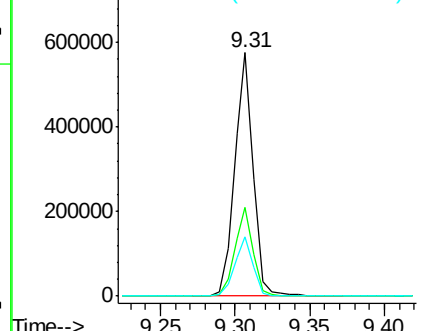
170 24.2 19.6 29.4

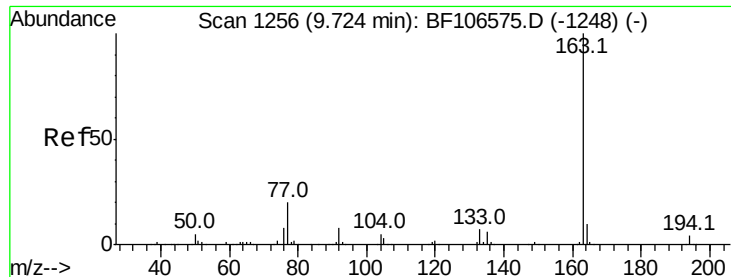


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





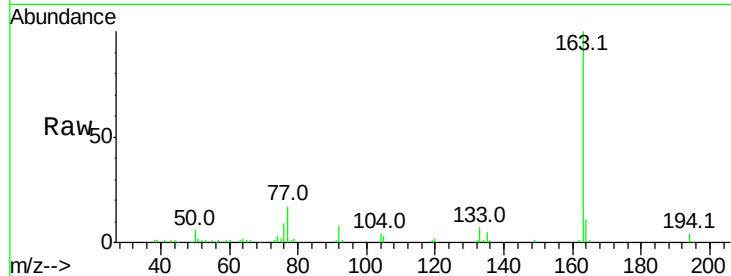
#49
Dimethylphthalate
Concen: 8.816 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :
SB-5(3-5)

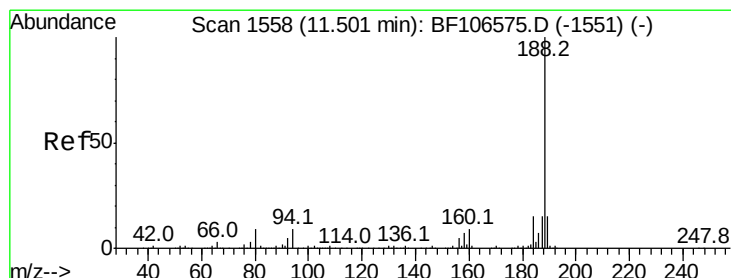
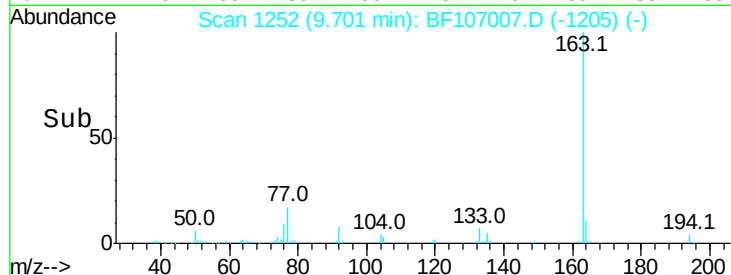
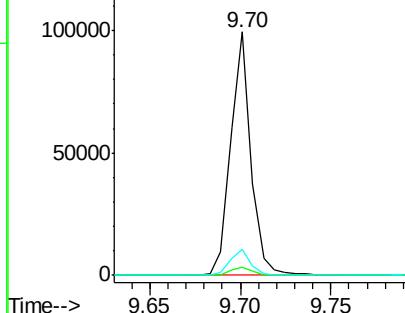
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2

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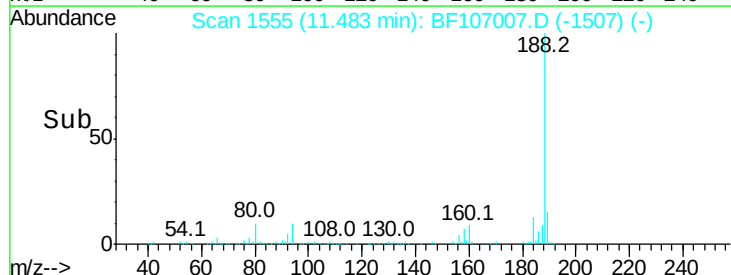
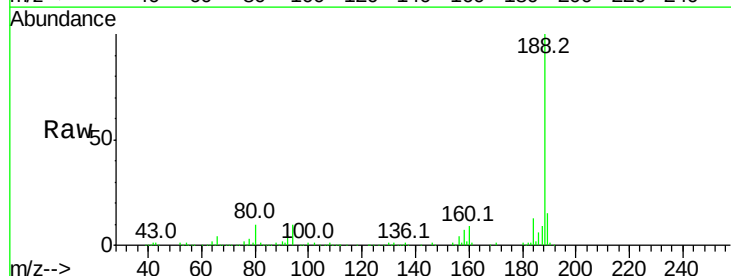
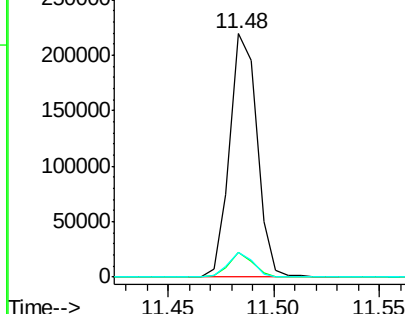
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

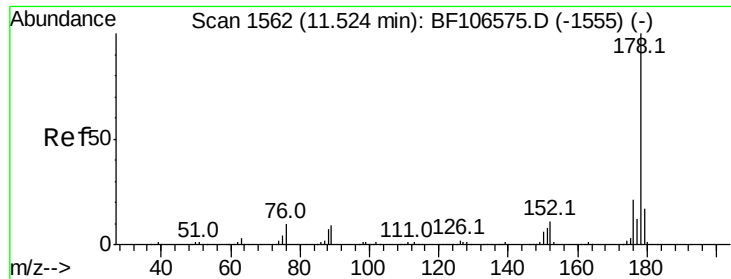


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.0	9.2	13.8

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





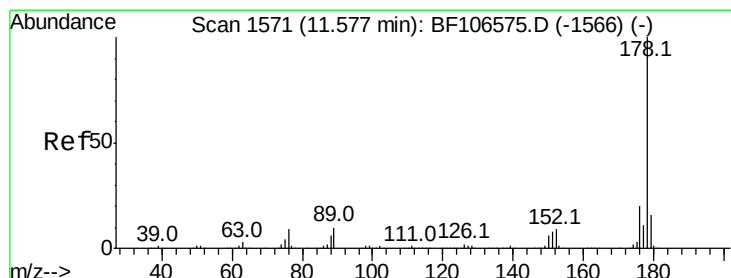
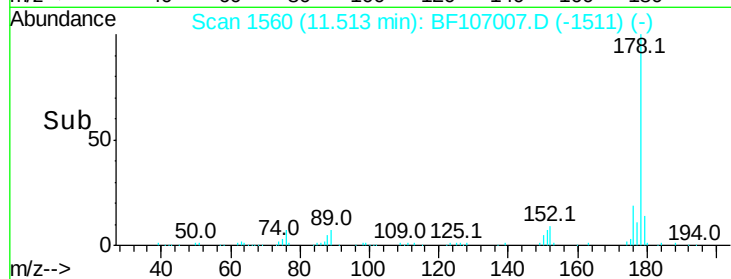
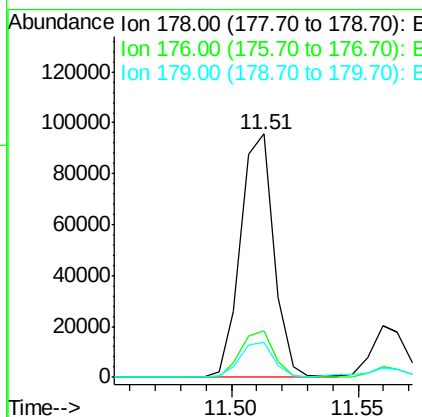
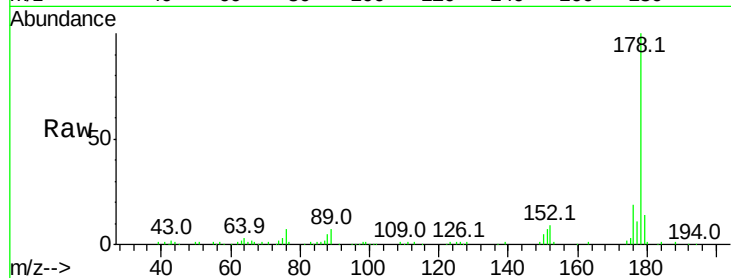
#70
Phenanthrene
Concen: 9.304 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :
SB-5(3-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.5	13.0	19.6

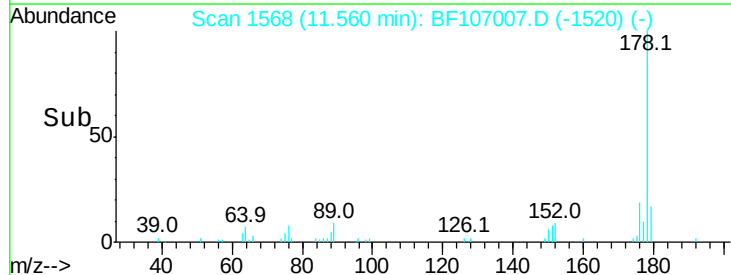
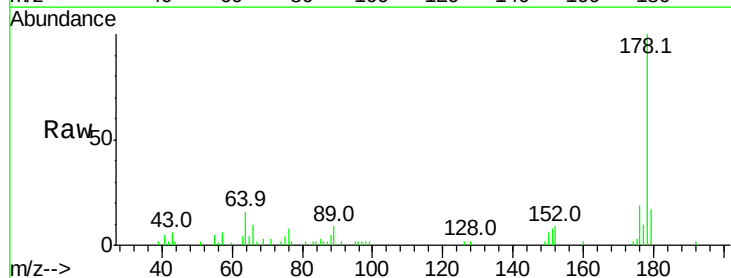
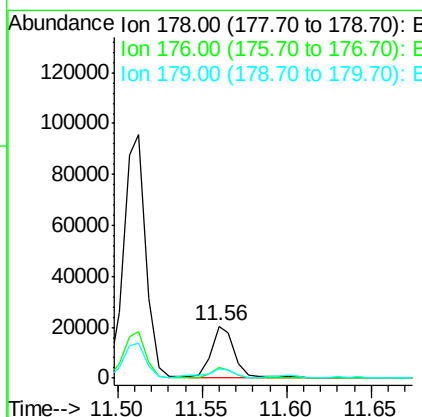
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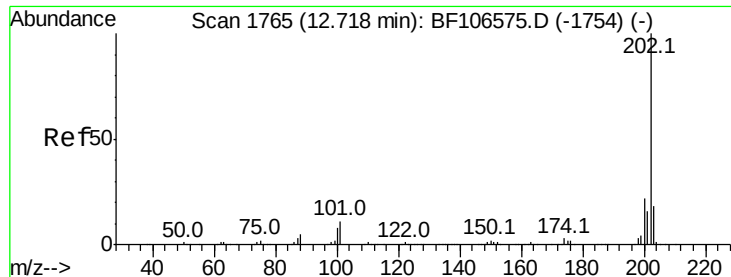
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#71
Anthracene
Concen: 2.090 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	17.1	12.6	19.0





#74

Fluoranthene

Concen: 13.431 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107007.D

Acq: 30 Jun 2018 11:56

Instrument :

BNA_F

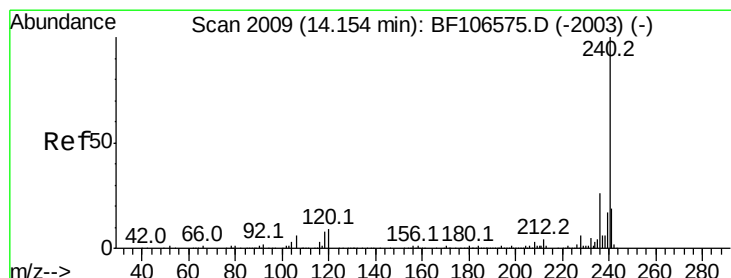
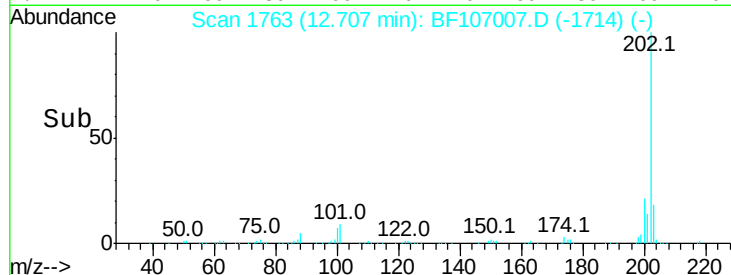
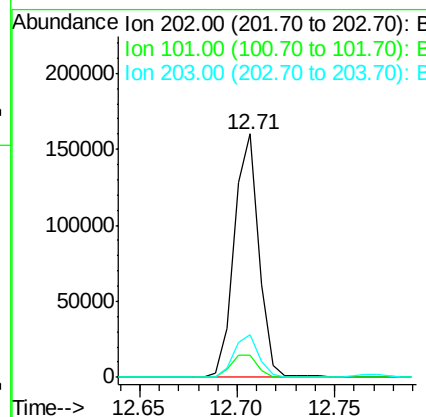
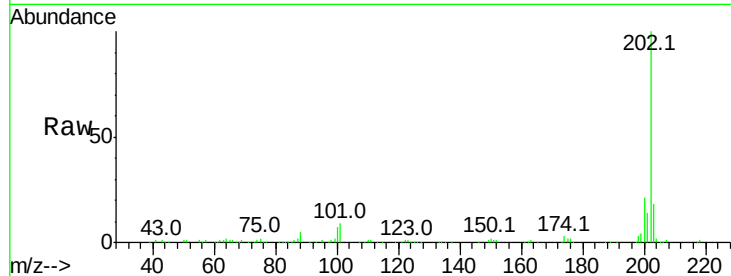
ClientSampleId :

SB-5(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	140021		
101	9.3	0.0	34.1	
203	17.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

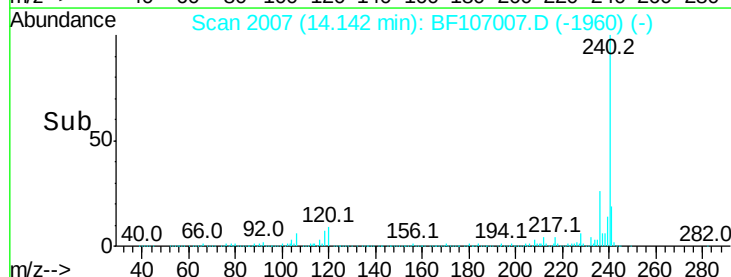
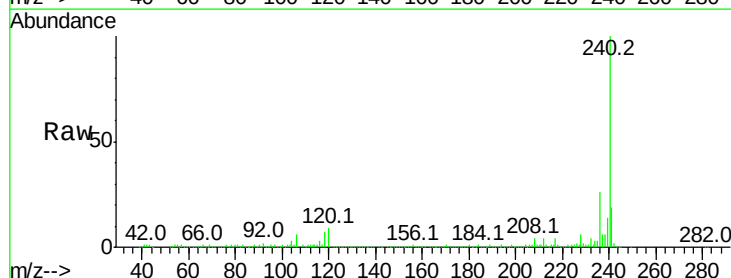
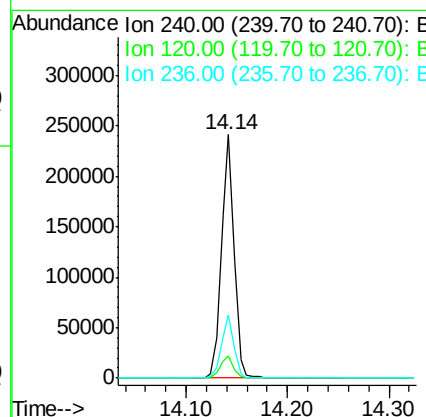
RT: 14.14 min Scan# 2007

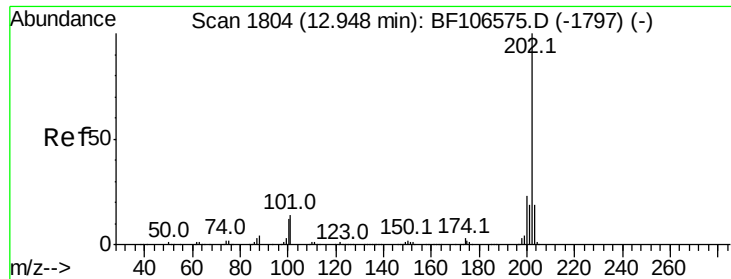
Delta R.T. -0.02 min

Lab File: BF107007.D

Acq: 30 Jun 2018 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	208486		
120	8.9	9.5	14.3#	
236	25.7	20.7	31.1	





#77

Pvrene

Concen: 9.309 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107007.D

Acq: 30 Jun 2018 11:56

Instrument :

BNA_F

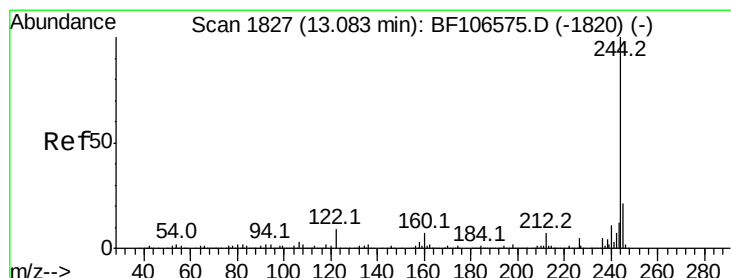
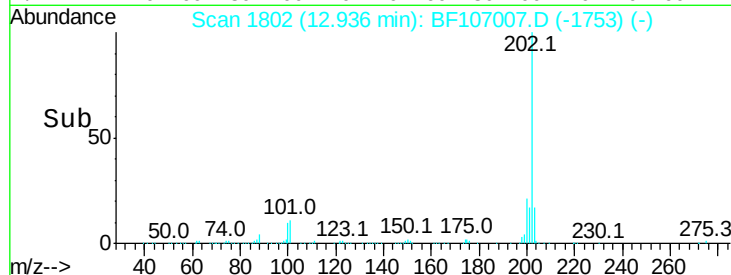
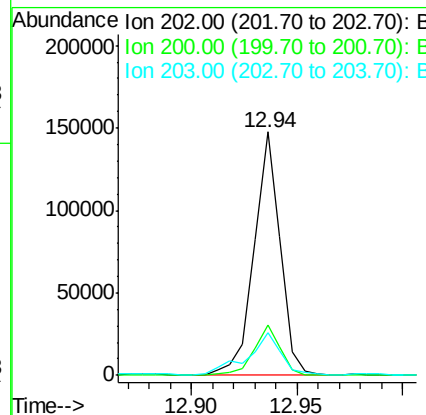
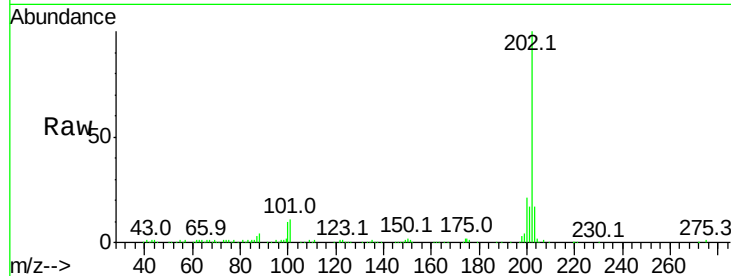
ClientSampleId :

SB-5(3-5)

Tot Ion:	202	Resp:	127984
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 57.283 ng

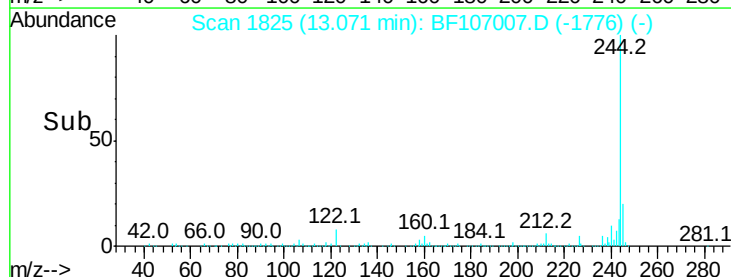
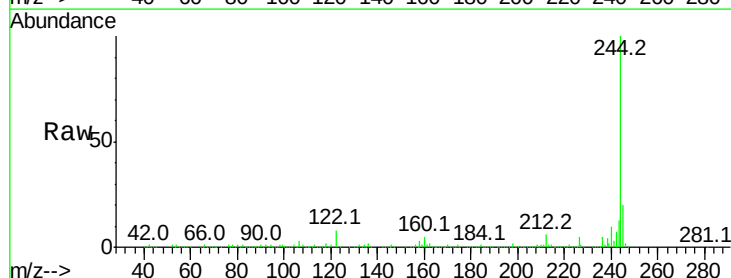
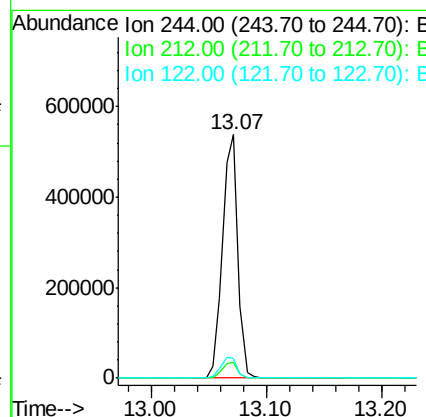
RT: 13.07 min Scan# 1825

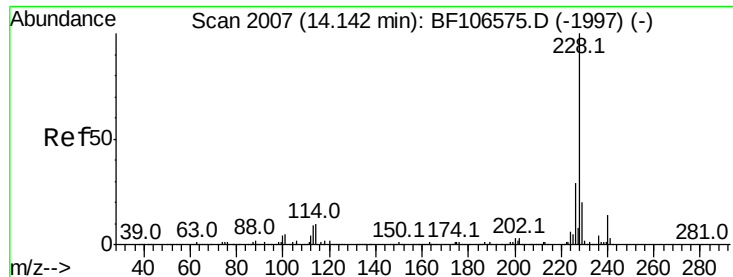
Delta R.T. -0.01 min

Lab File: BF107007.D

Acq: 30 Jun 2018 11:56

Tgt Ion:	244	Resp:	493032
Ion Ratio		Lower	Upper
244	100		
212	6.4	5.4	8.0
122	7.9	11.0	16.4#





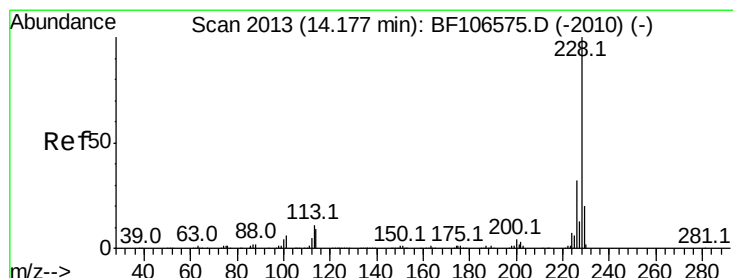
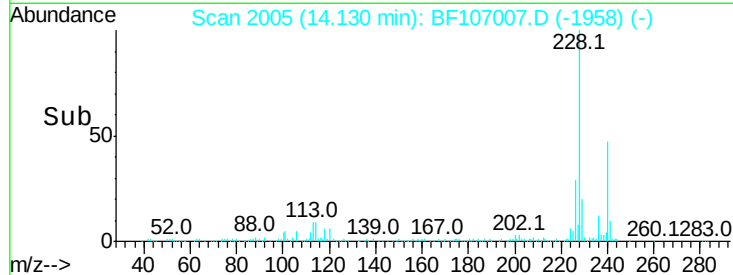
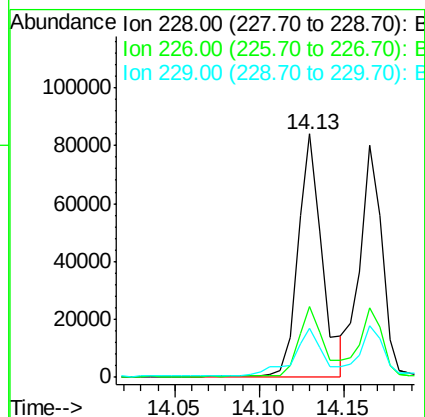
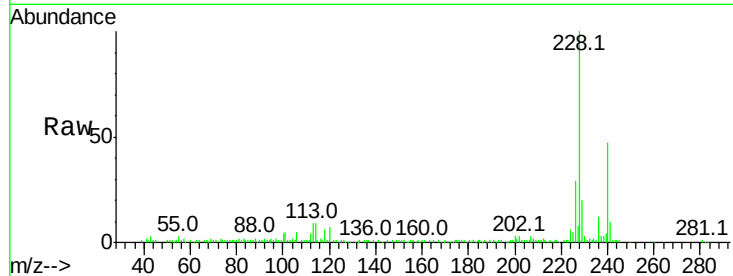
#80
Benzo(a)anthracene
Concen: 6.660 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :
SB-5(3-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.1	15.8	23.6

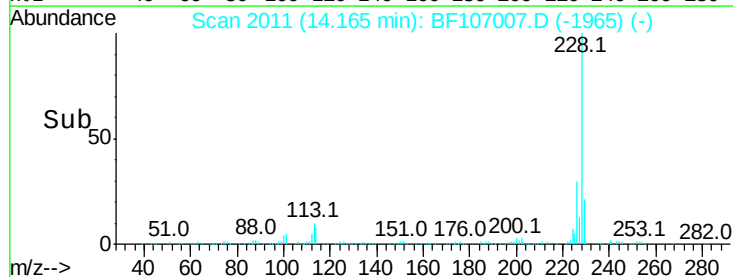
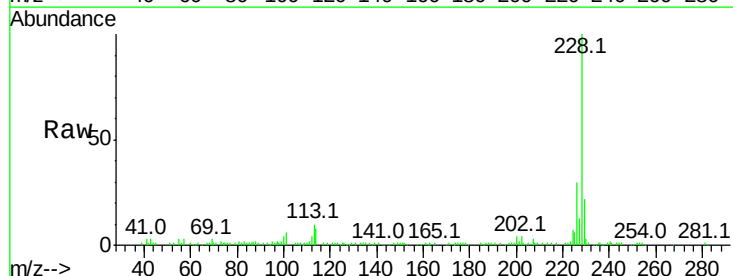
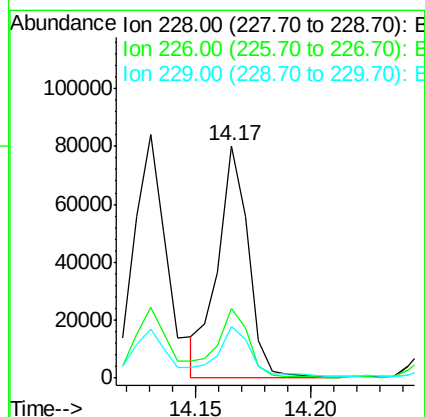
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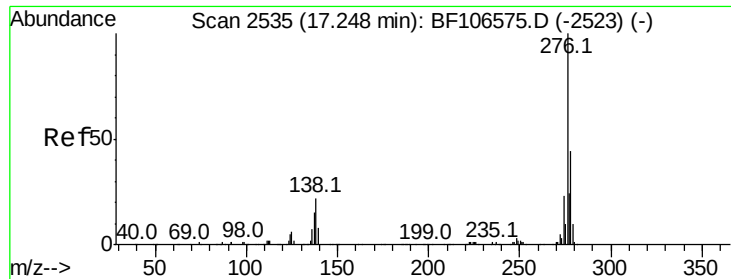
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#82
Chrysene
Concen: 6.301 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	22.0	16.2	24.4





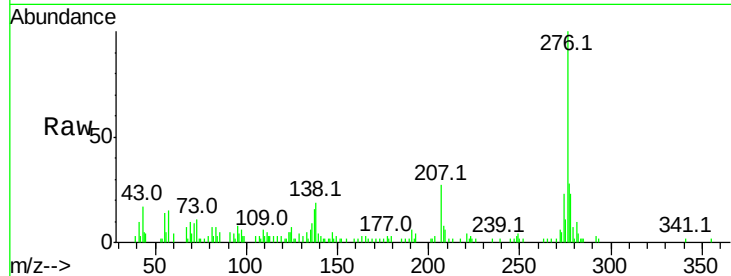
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.878 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :
SB-5(3-5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	24.1	20.1	30.1

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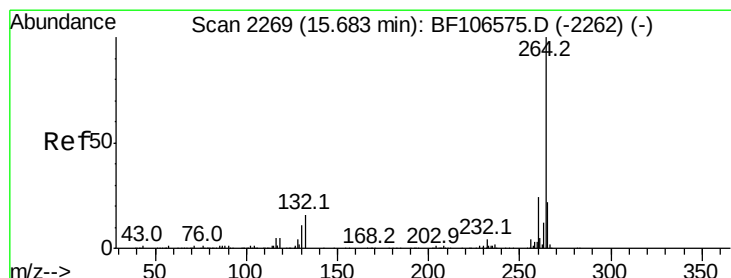
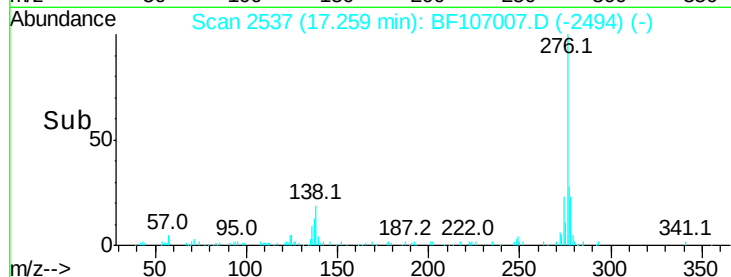
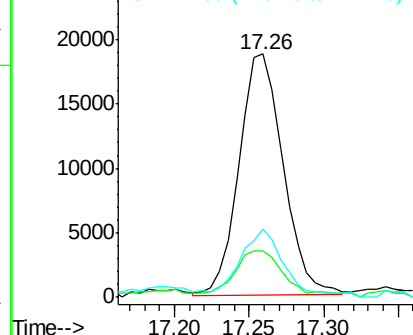


Abundance

Ion 276.00 (275.70 to 276.70): E

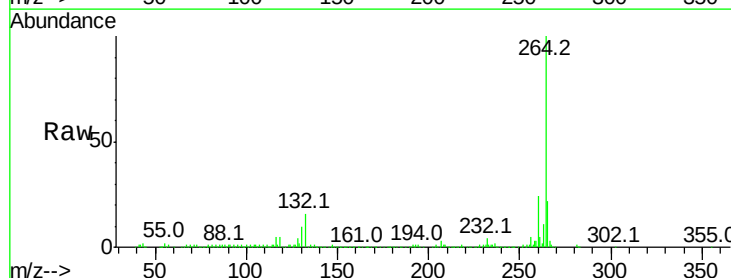
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

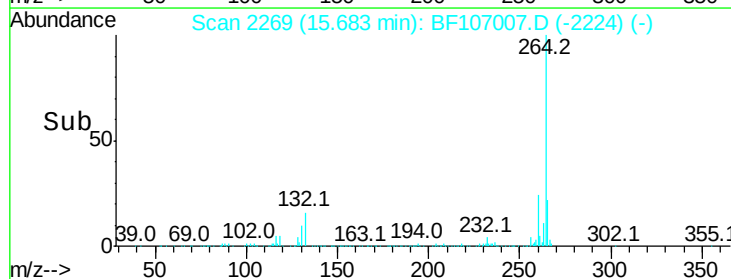
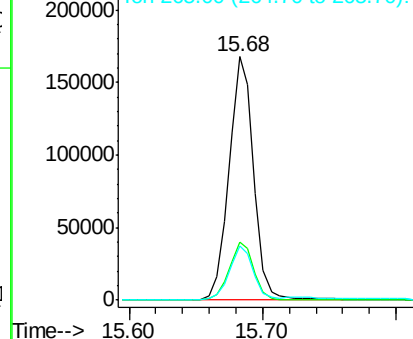


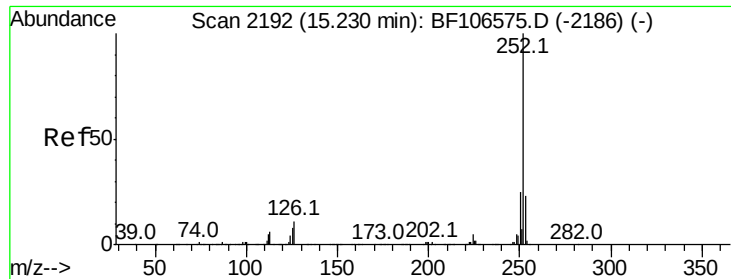
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





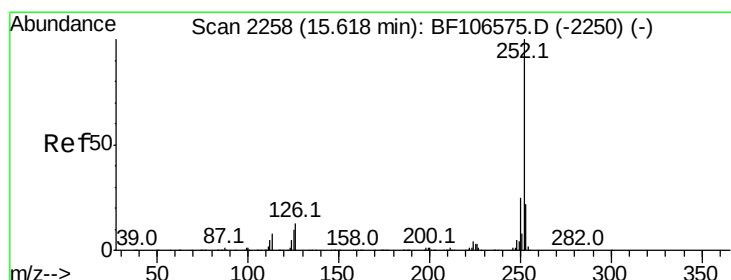
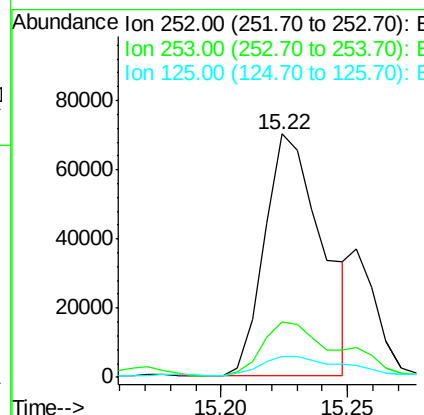
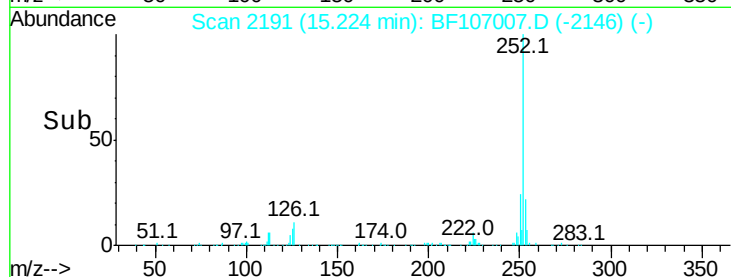
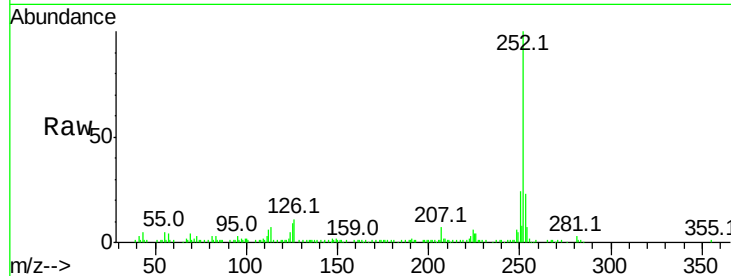
#87
Benzo(b)fluoranthene
Concen: 8.165 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Instrument :
BNA_F
ClientSampleId :
SB-5(3-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.7	9.0	13.6#

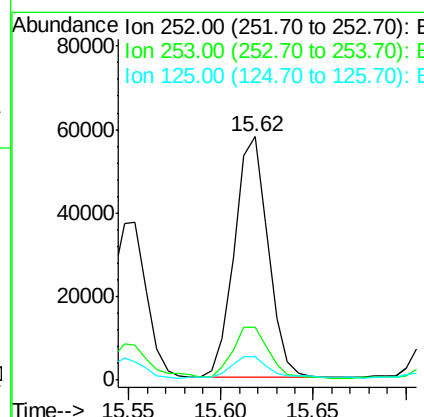
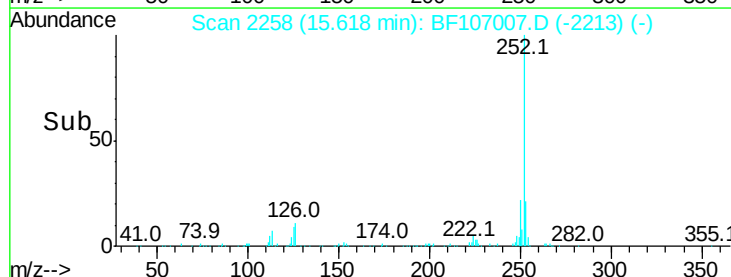
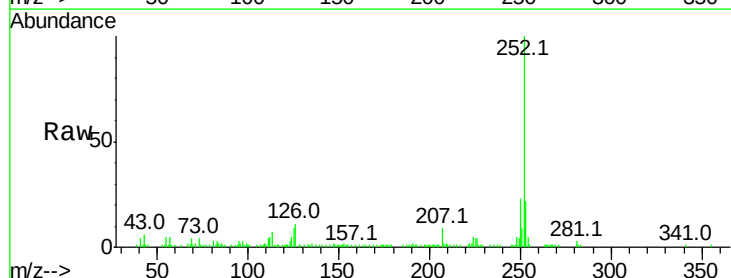
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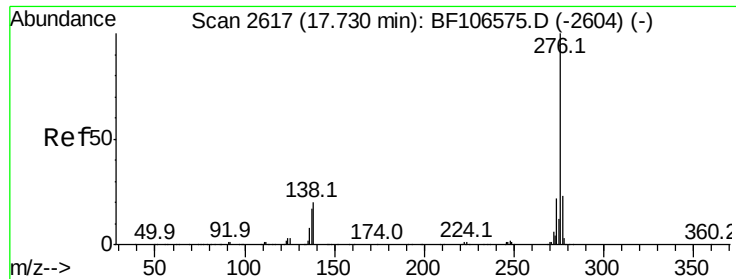
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#89
Benzo(a)pyrene
Concen: 6.122 ng m
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107007.D
Acq: 30 Jun 2018 11:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.5	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.474 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.05 min
 Lab File: BF107007.D
 Acq: 30 Jun 2018 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(3-5)

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.2	17.9	26.9
138	20.2	21.8	32.8

Manual Integrations
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