

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107723.D
 Acq On : 27 Jul 2018 1:53
 Operator : JU/SJ
 Sample : J4121-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(10-12)

Manual Integrations
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Quant Time: Jul 27 06:49:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	192987	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	793843	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	353642	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	603459	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	446871	20.00	ng	-0.02
86) Perylene-d12	15.68	264	490175	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1068128	88.99	ng	-0.01
7) Phenol-d6	6.60	99	1392389	96.61	ng	-0.02
23) Nitrobenzene-d5	7.52	82	874719	74.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	394831	98.18	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1635438	77.23	ng	-0.02
78) Terphenyl-d14	13.08	244	1226963	70.29	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	144775	5.432	ng	99
70) Phenanthrene	11.52	178	185778	6.318	ng	98
71) Anthracene	11.57	178	67045	2.264	ng	99
74) Fluoranthene	12.71	202	340699	10.797	ng	96
77) Pyrene	12.94	202	515804	16.875	ng	97
80) Benzo(a)anthracene	14.14	228	237670	9.076	ng	91
82) Chrysene	14.17	228	286052	11.371	ng	97
85) Indeno(1,2,3-cd)pyrene	17.24	276	71423m	3.350	ng	
87) Benzo(b)fluoranthene	15.22	252	203727m	7.594	ng	
88) Benzo(k)fluoranthene	15.24	252	94322m	3.589	ng	
89) Benzo(a)pyrene	15.61	252	196180	7.995	ng	98
91) Benzo(g,h,i)perylene	17.71	276	78665	3.760	ng	93

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

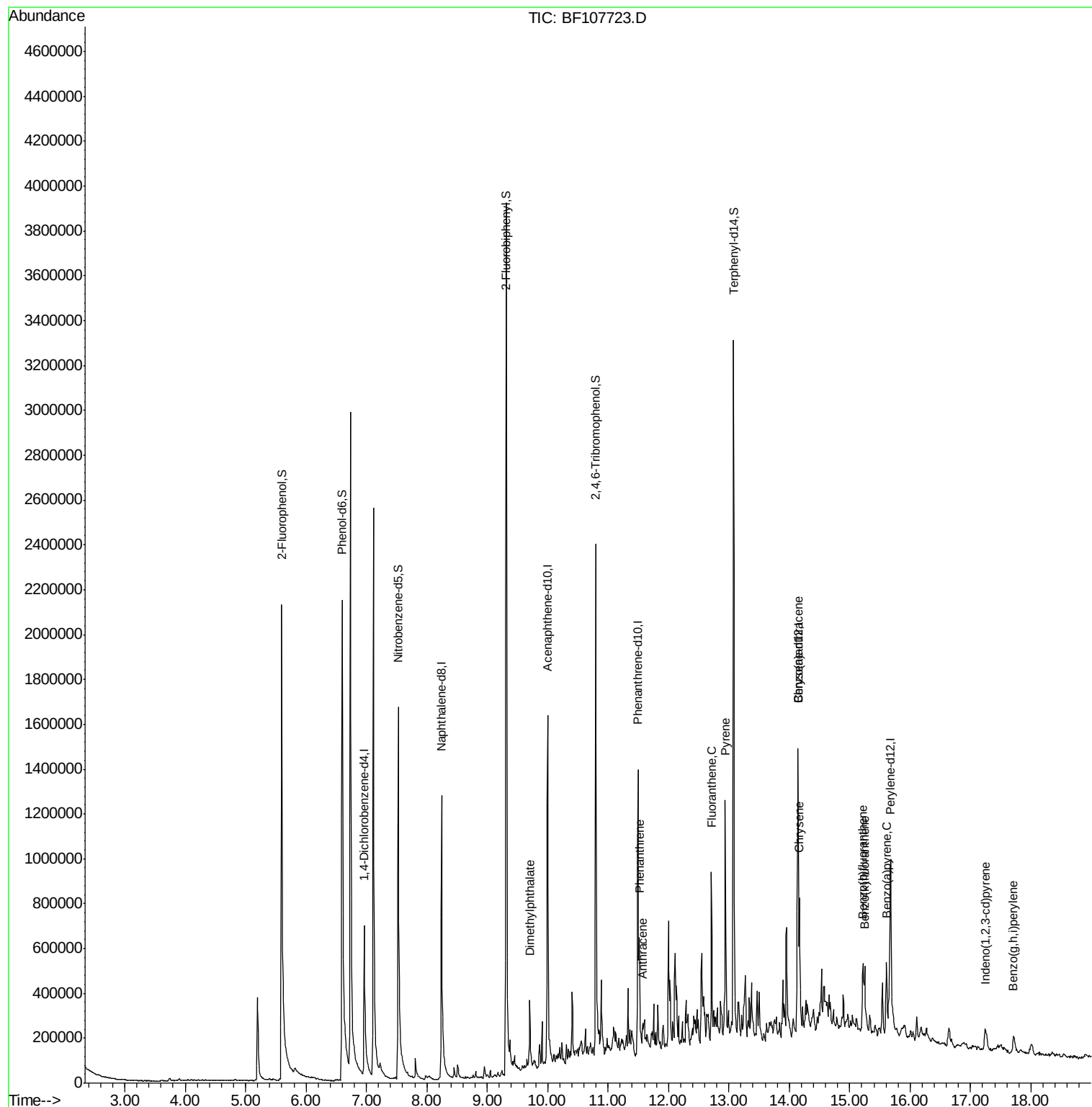
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107723.D
Acq On : 27 Jul 2018 1:53
Operator : JU/SJ
Sample : J4121-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

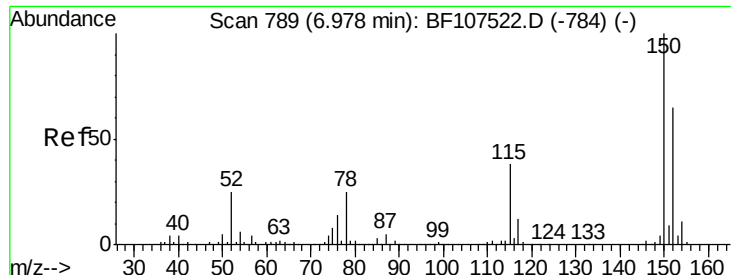
Instrument :
BNA_F
ClientSampleId :
SB-8(10-12)

Quant Time: Jul 27 06:49:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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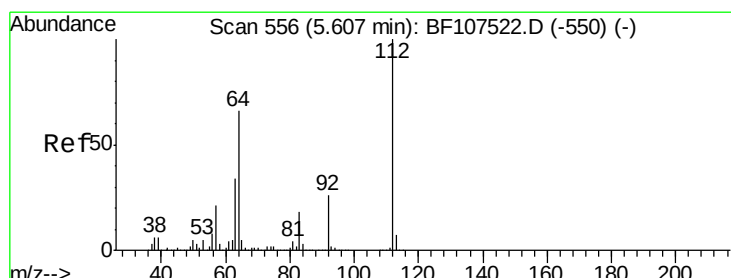
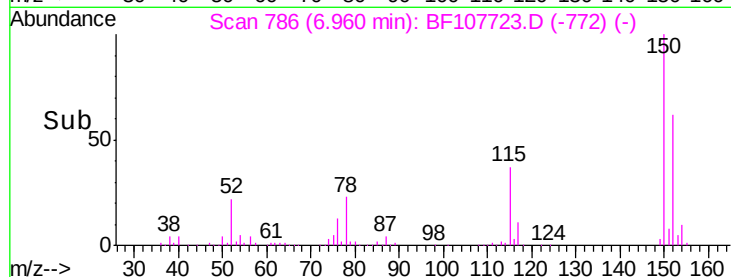
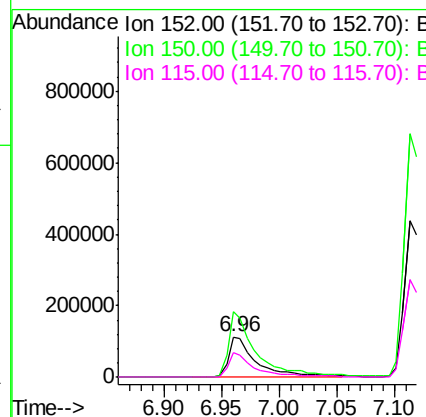
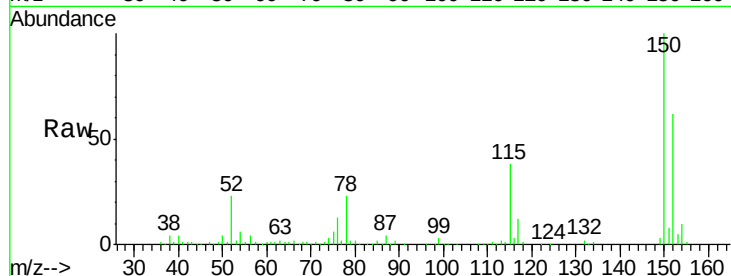
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF107723.D
 Acq: 27 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(10-12)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	124.6	186.8
115	61.0	50.1	75.1

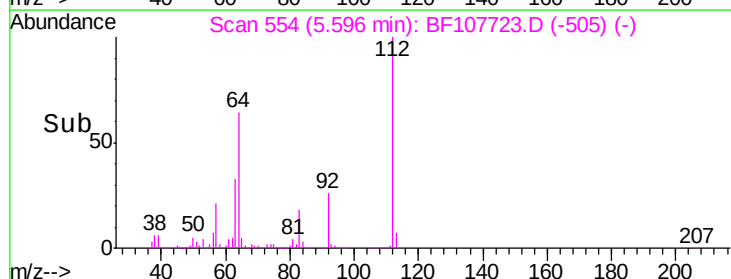
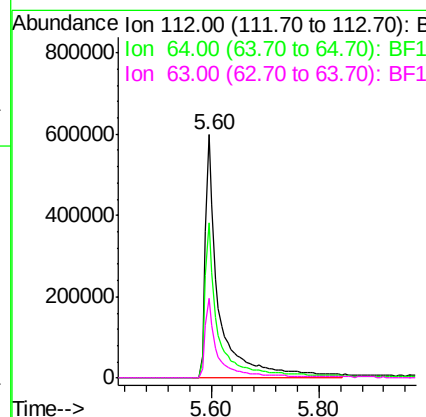
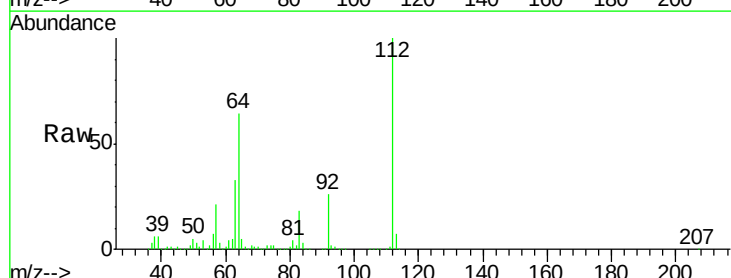
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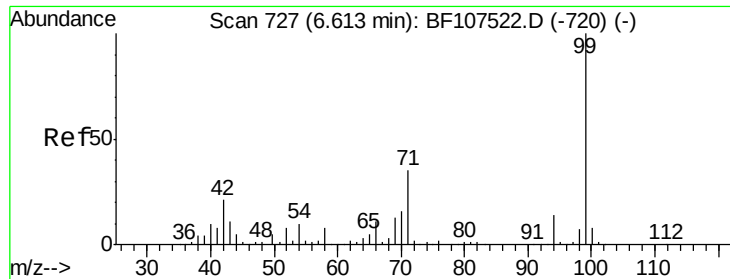
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#5
 2-Fluorophenol
 Concen: 88.988 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107723.D
 Acq: 27 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	32.8	23.7	35.5





#7

Phenol-d6

Concen: 96.609 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107723.D

Acq: 27 Jul 2018 1:53

Instrument :

BNA_F

ClientSampled :

SB-8(10-12)

Tgt Ion: 99 Resp: 1392389

Ion Ratio Lower Upper

99 100

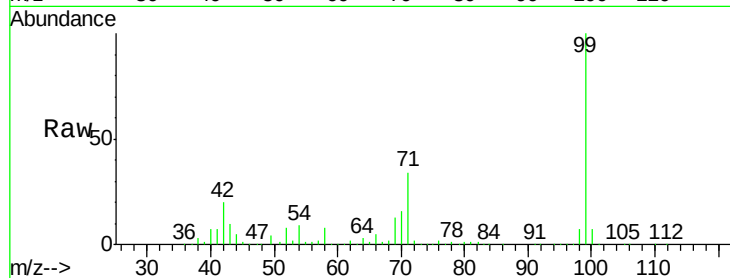
42 19.5 14.5 21.7

71 34.4 25.4 38.0

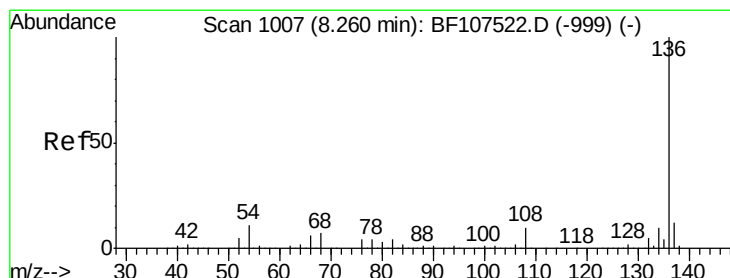
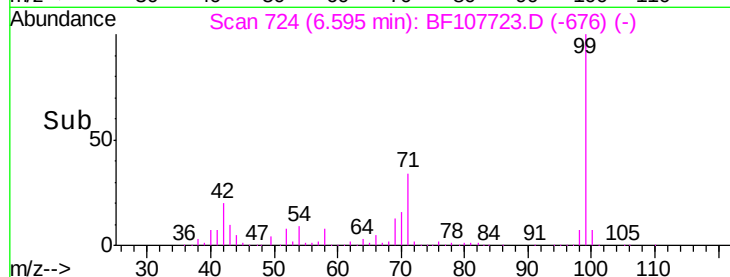
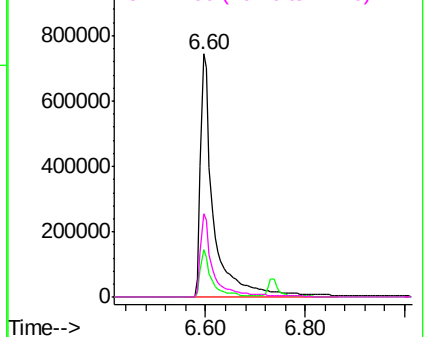
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107723.D

Acq: 27 Jul 2018 1:53

Tgt Ion: 136 Resp: 793843

Ion Ratio Lower Upper

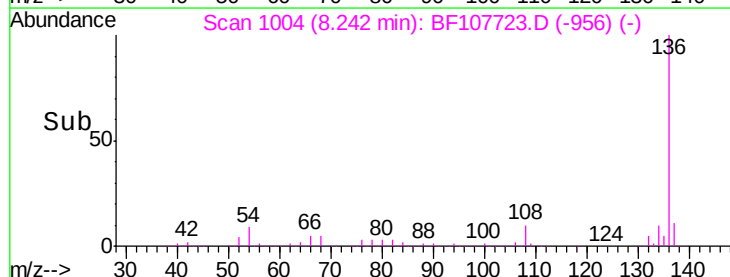
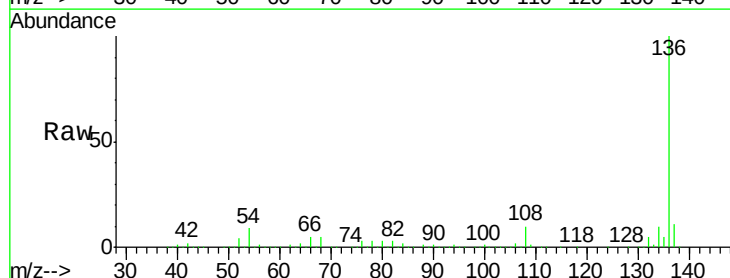
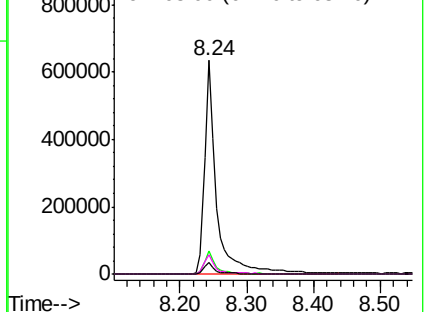
136 100

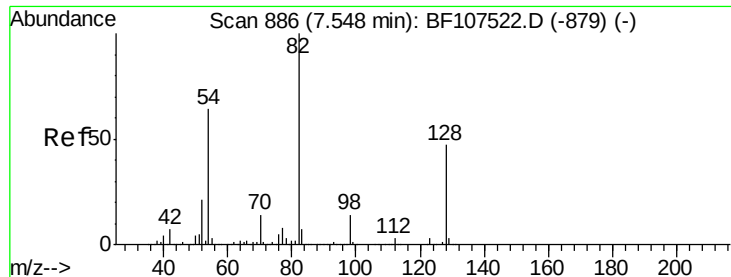
137 10.8 8.9 13.3

54 9.1 6.6 9.8

68 5.4 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





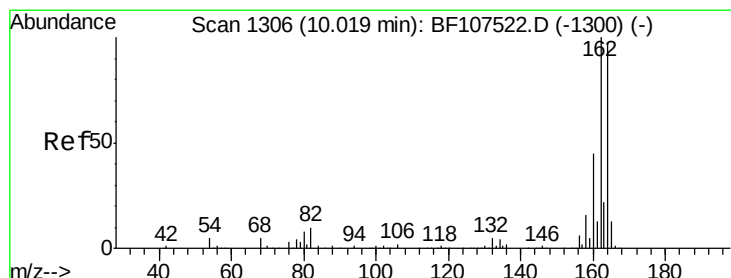
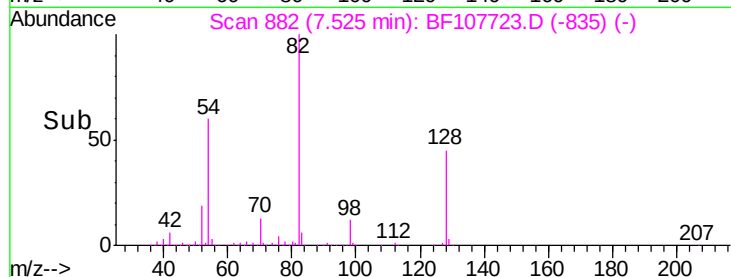
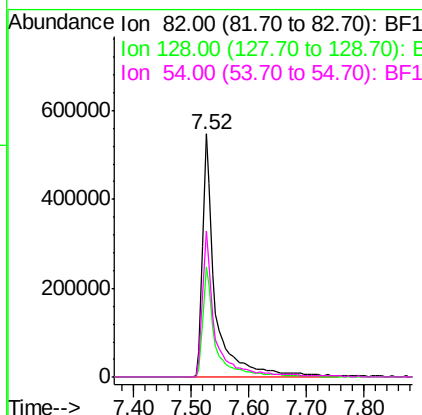
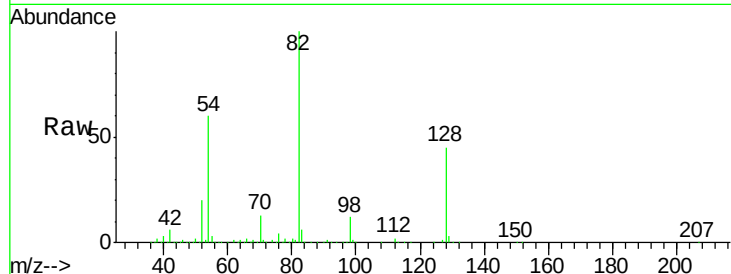
#23
 Nitrobenzene-d5
 Concen: 74.363 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107723.D
 Acq: 27 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(10-12)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	60.0	41.4	62.2

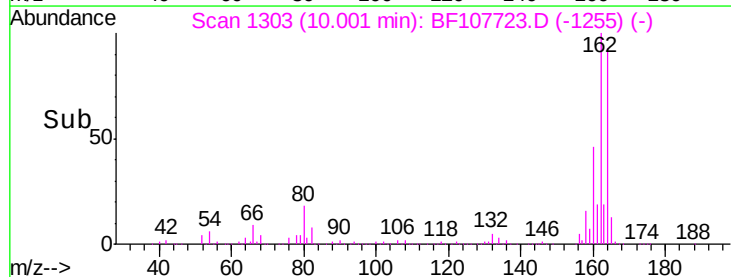
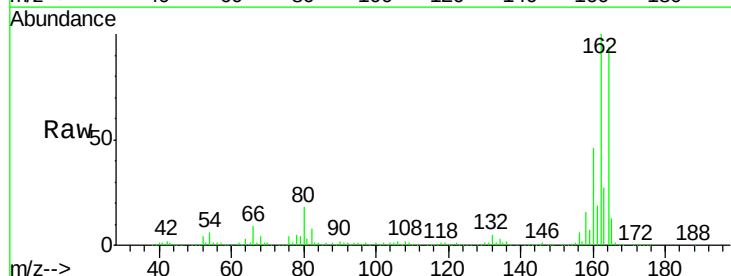
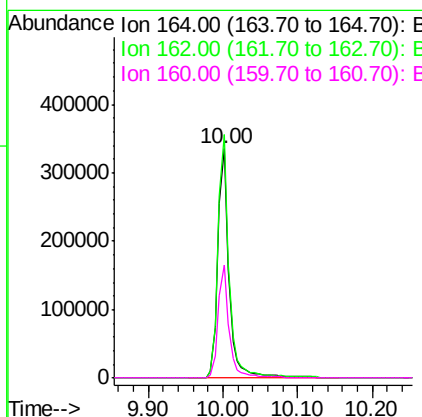
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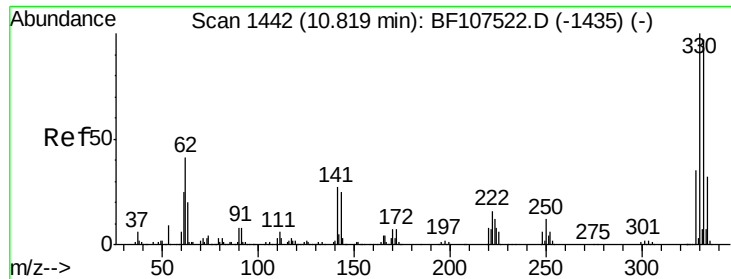
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107723.D
 Acq: 27 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	49.2	38.3	57.5





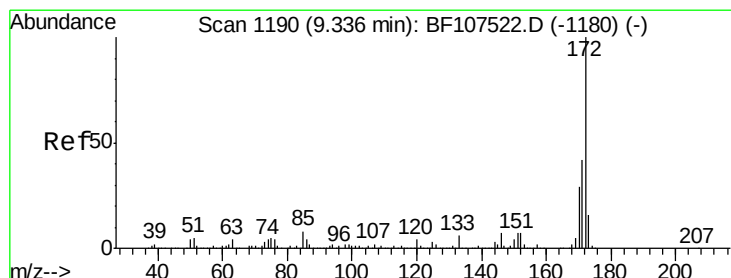
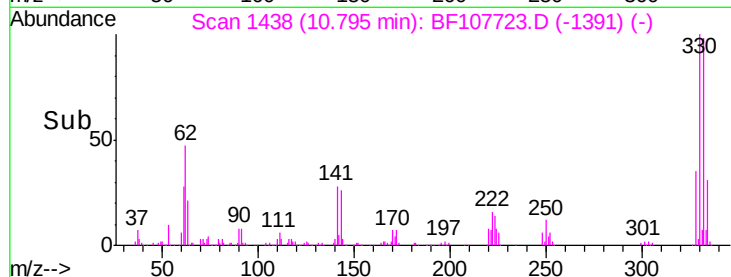
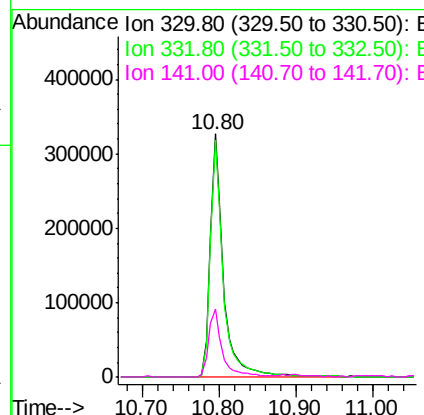
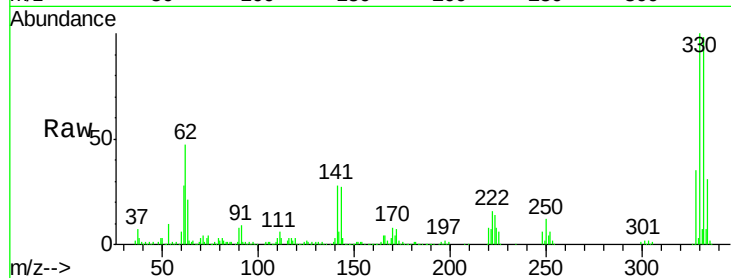
#41
 2,4,6-Tribromophenol
 Concen: 98.181 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107723.D
 Acq: 27 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(10-12)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	394831		
332	95.5	77.0	115.6	
141	28.2	29.9	44.9#	

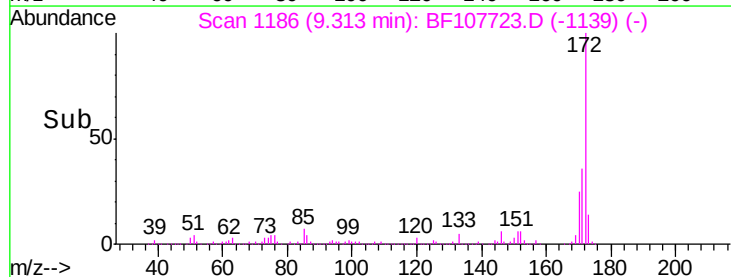
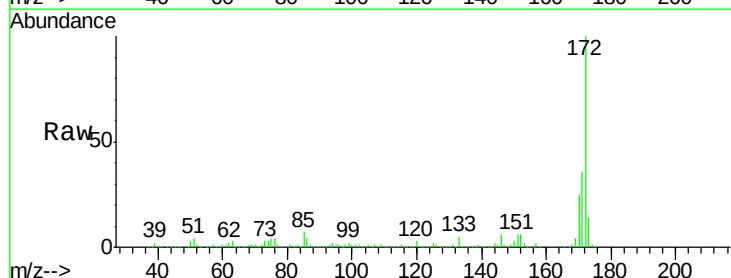
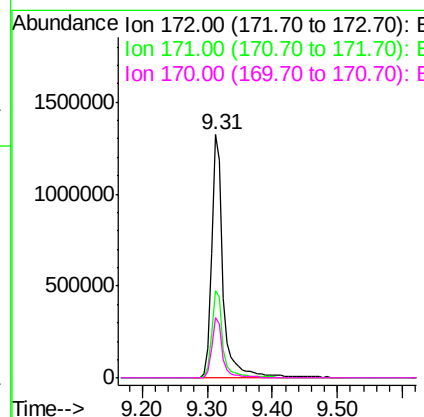
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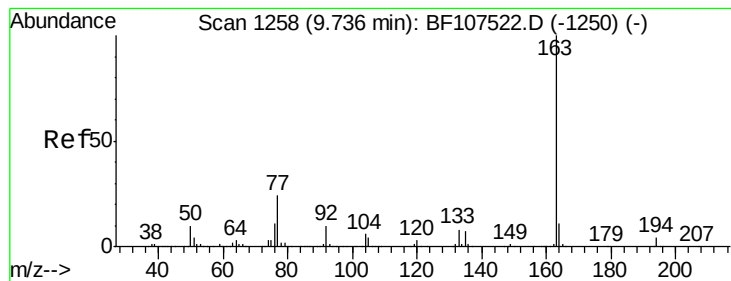
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#44
 2-Fluorobiphenyl
 Concen: 77.227 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107723.D
 Acq: 27 Jul 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1635438		
171	36.2	29.7	44.5	
170	24.7	19.6	29.4	





#49

Dimethylphthalate

Concen: 5.432 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF107723.D

Acq: 27 Jul 2018 1:53

Instrument :

BNA_F

ClientSampleId :

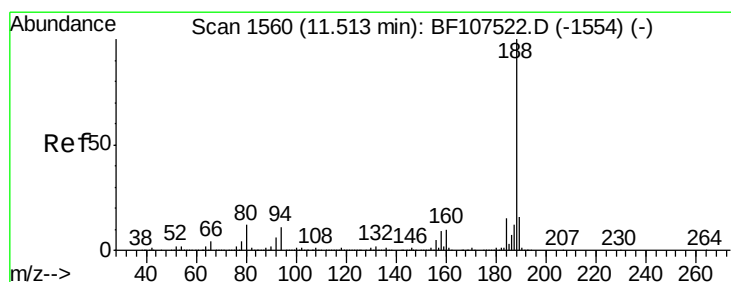
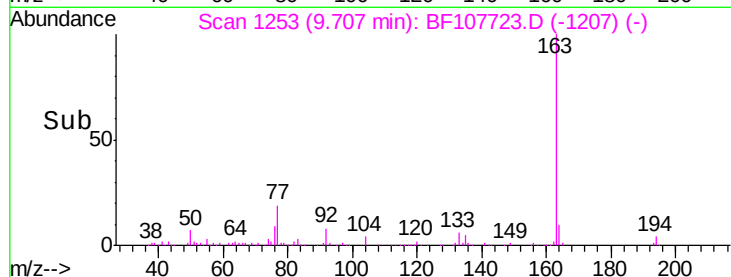
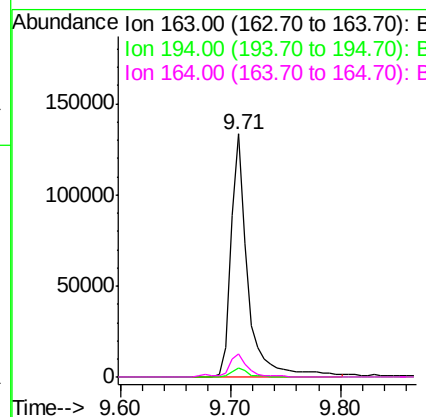
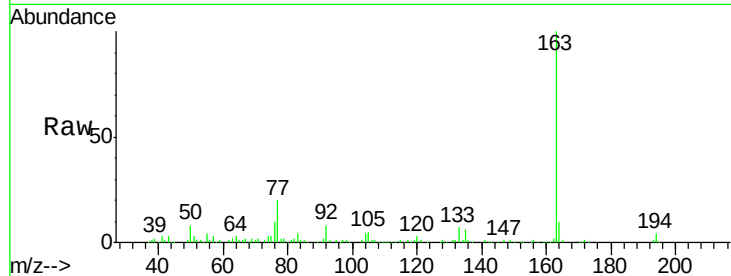
SB-8(10-12)

Tgt	Ion:163	Resp:	144775
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

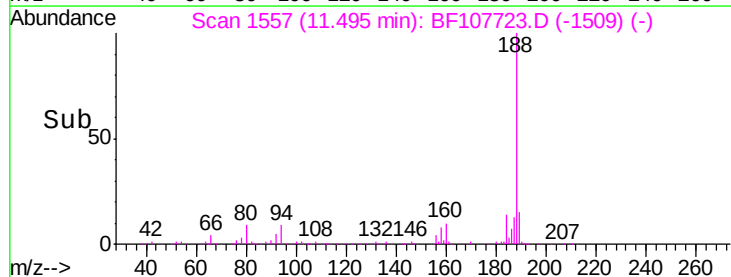
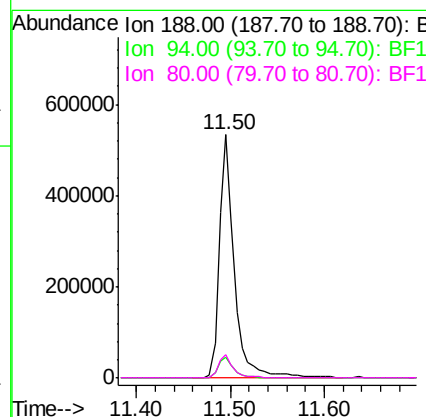
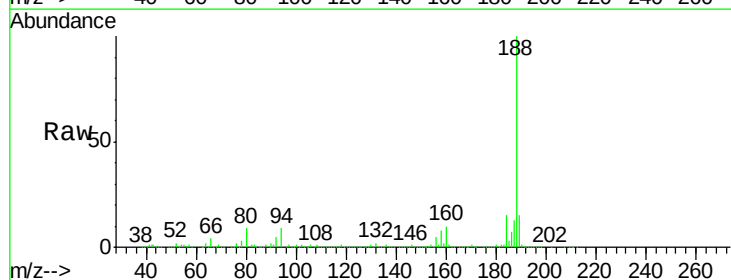
RT: 11.50 min Scan# 1557

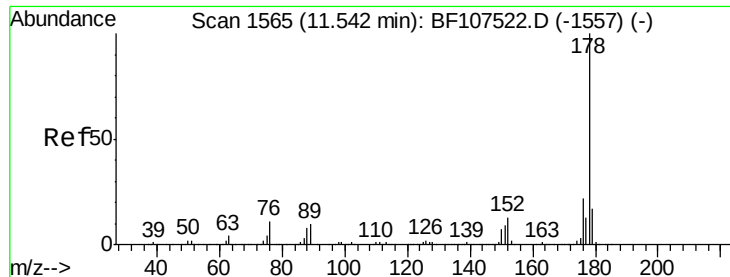
Delta R.T. -0.02 min

Lab File: BF107723.D

Acq: 27 Jul 2018 1:53

Tgt	Ion:188	Resp:	603459
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8





#70

Phenanthrene

Concen: 6.318 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF107723.D

Acq: 27 Jul 2018 1:53

Instrument :

BNA_F

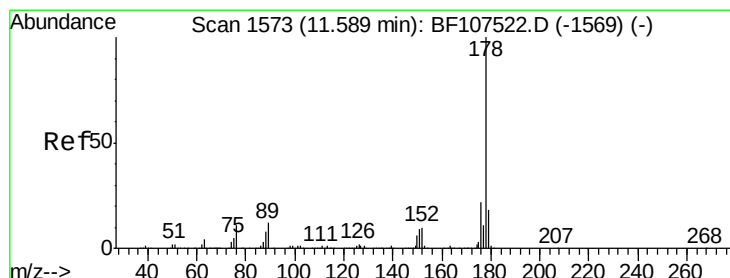
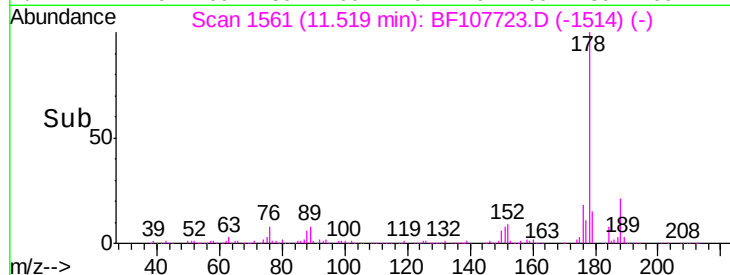
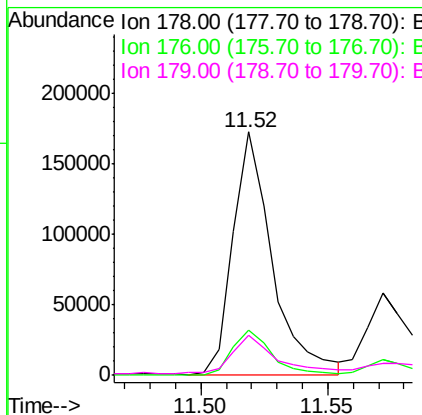
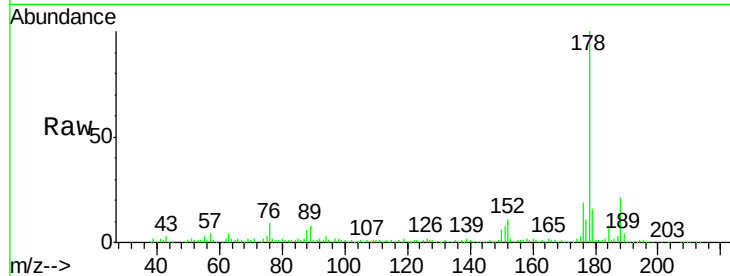
ClientSampleId :

SB-8(10-12)

Tgt Ion:	178	Resp:	185778
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.8	23.8
179	16.3	13.0	19.6

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#71

Anthracene

Concen: 2.264 ng

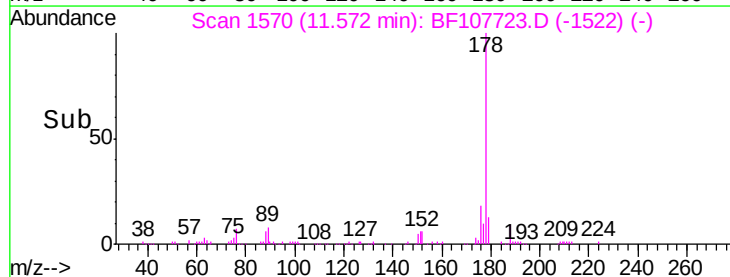
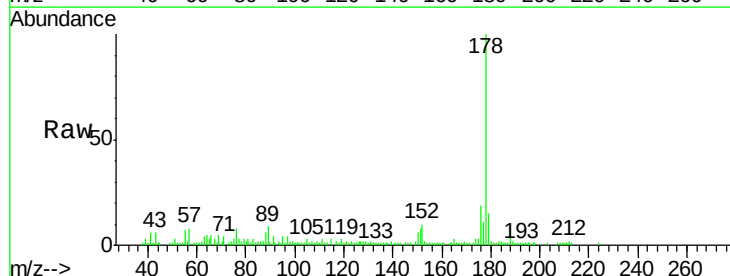
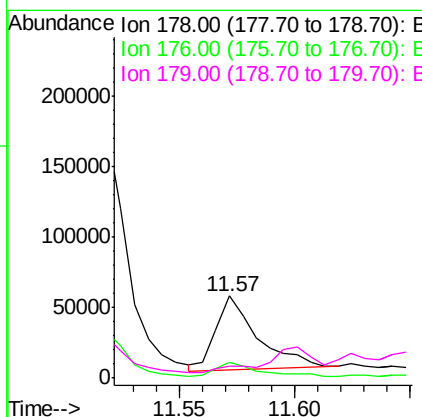
RT: 11.57 min Scan# 1570

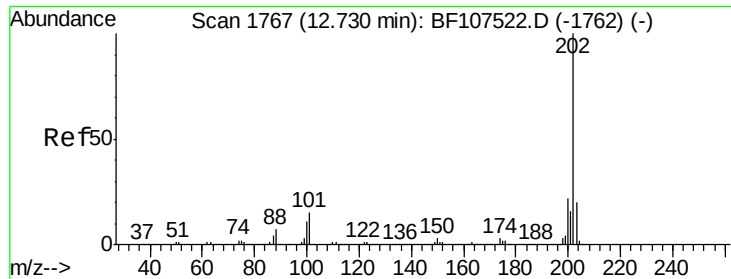
Delta R.T. -0.02 min

Lab File: BF107723.D

Acq: 27 Jul 2018 1:53

Tgt Ion:	178	Resp:	67045
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.2
179	14.9	12.6	19.0





#74

Fluoranthene

Concen: 10.797 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107723.D

Acq: 27 Jul 2018 1:53

Instrument :

BNA_F

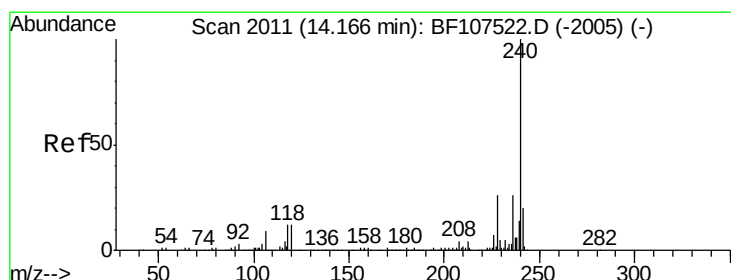
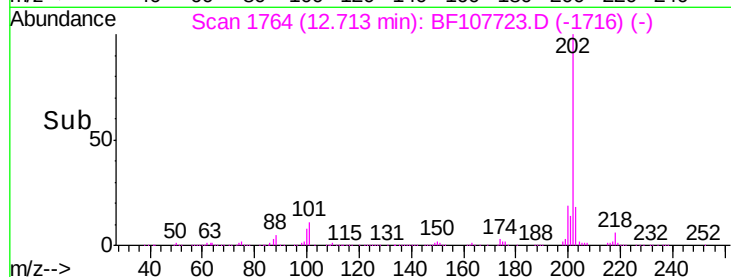
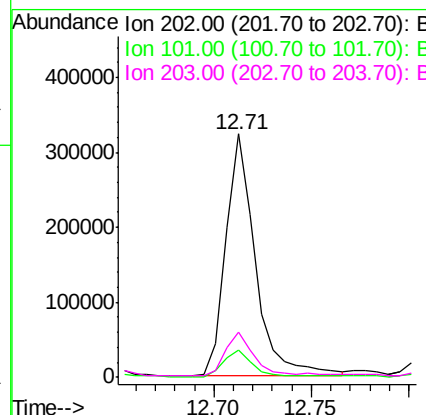
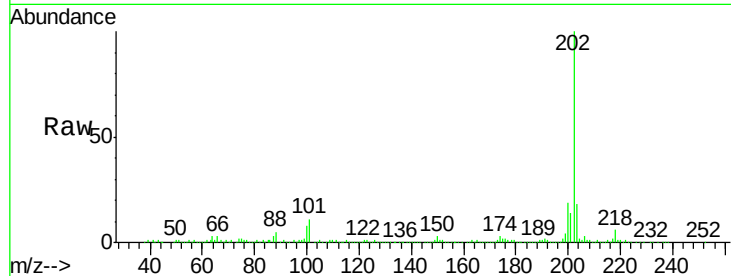
ClientSampleId :

SB-8(10-12)

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		340699		
101	11.0	0.0	34.1		
203	18.3	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

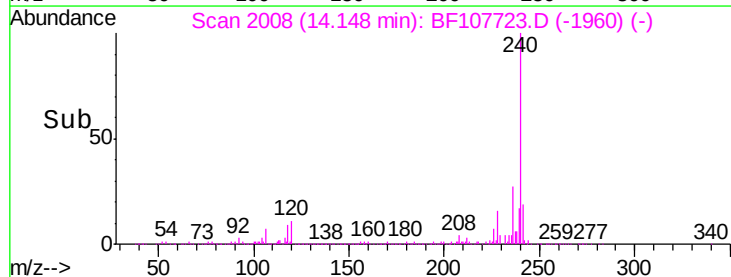
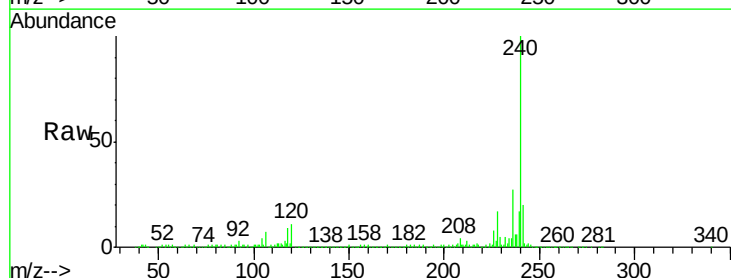
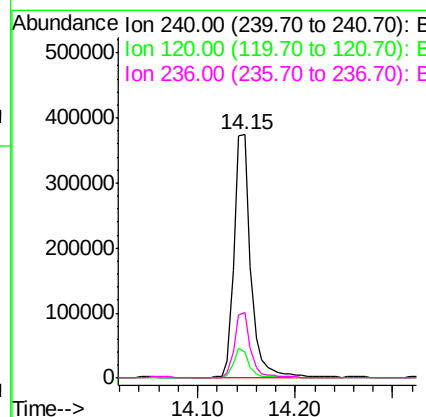
RT: 14.15 min Scan# 2008

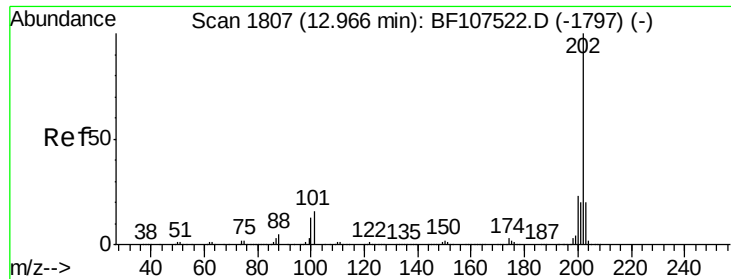
Delta R.T. -0.02 min

Lab File: BF107723.D

Acq: 27 Jul 2018 1:53

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		446871		
120	10.7	9.5	14.3		
236	26.8	20.7	31.1		





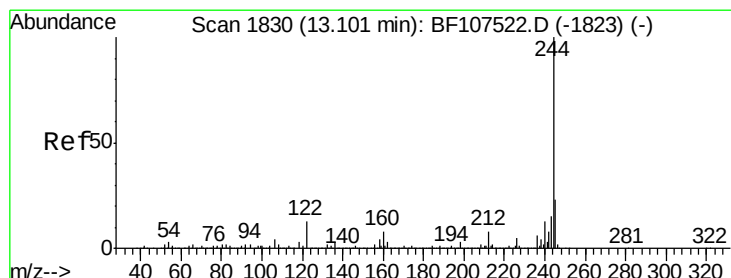
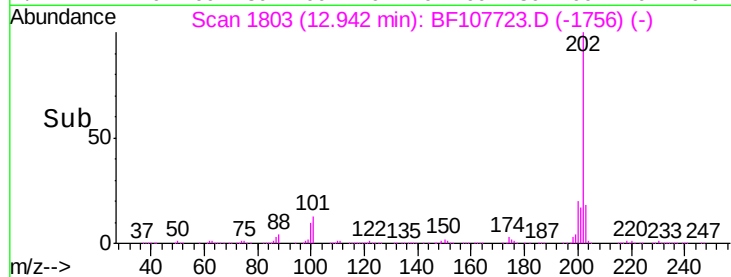
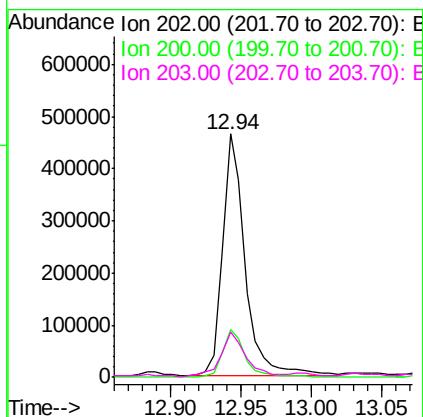
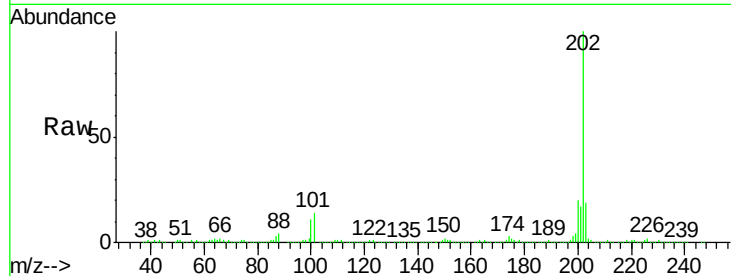
#77
Pyrene
Concen: 16.875 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SB-8(10-12)

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.6	14.3	21.5

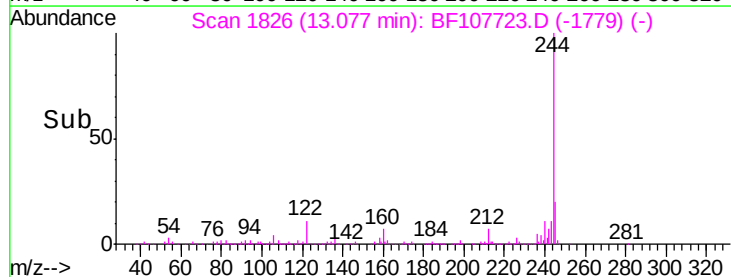
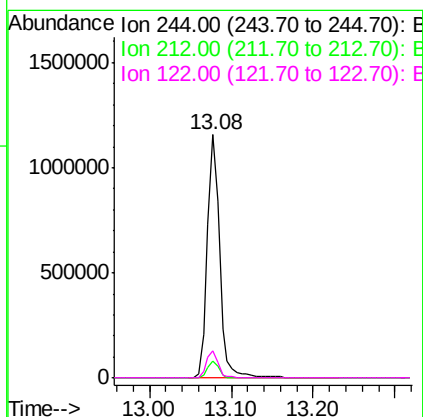
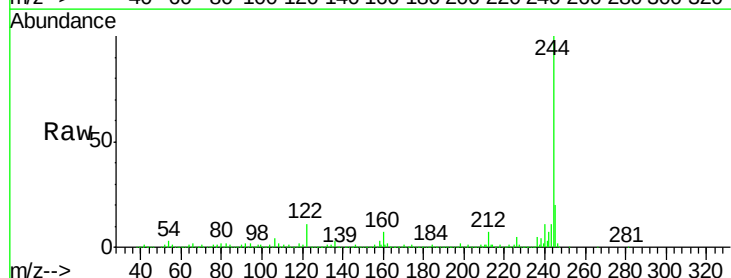
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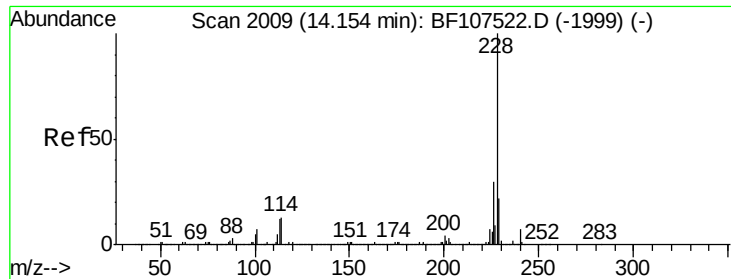
Sohil
7/27/2018 2:54:24 PM



#78
Terphenyl-d14
Concen: 70.292 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4





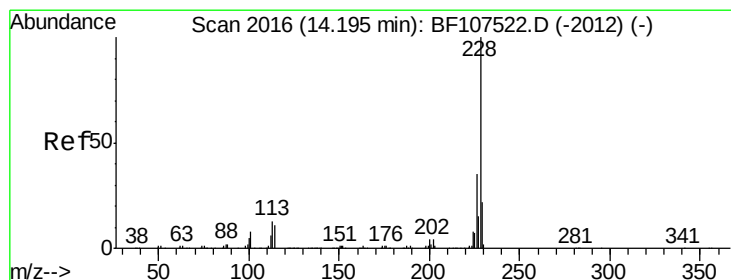
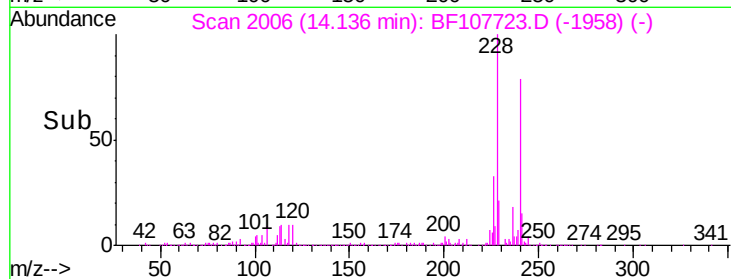
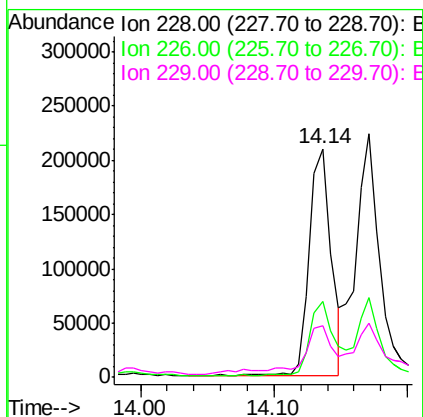
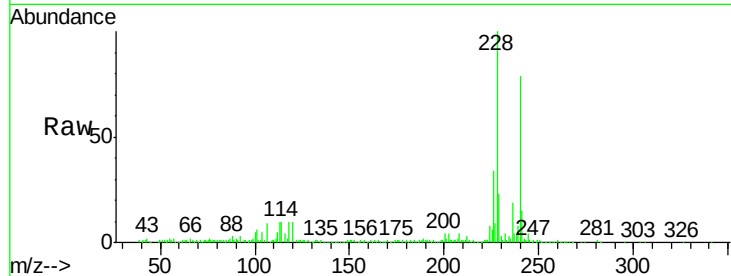
#80
Benzo(a)anthracene
Concen: 9.076 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SB-8(10-12)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.6	33.8
229	22.7	15.8	23.6

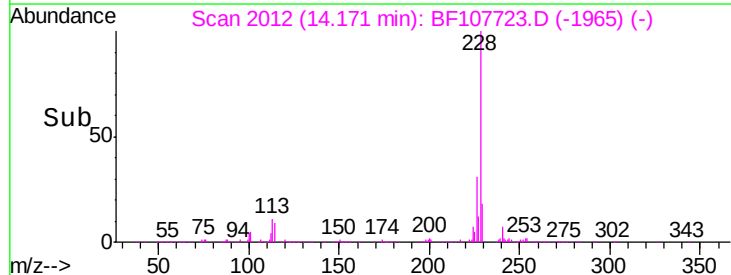
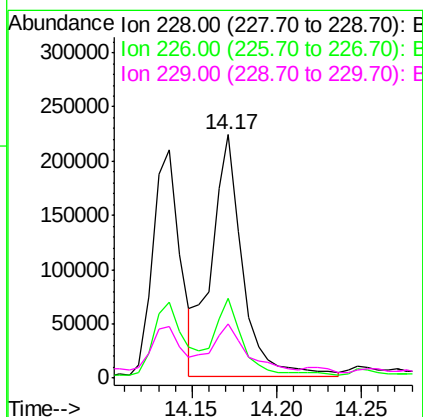
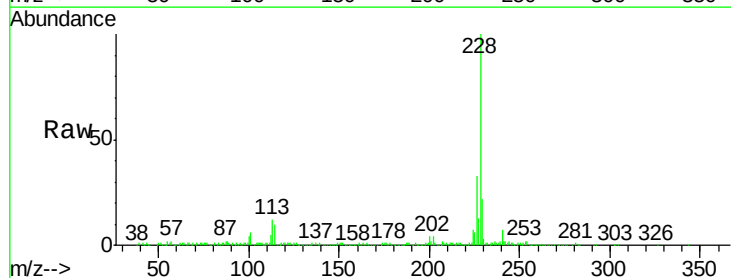
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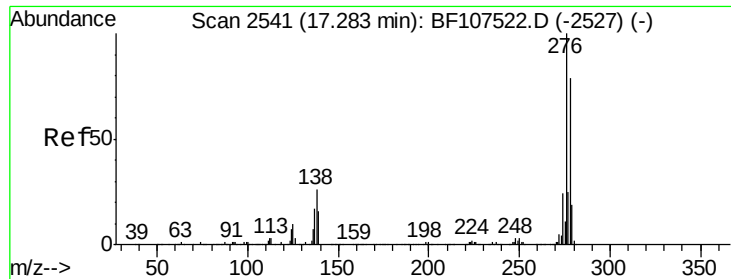
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#82
Chrysene
Concen: 11.371 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	22.3	16.2	24.4





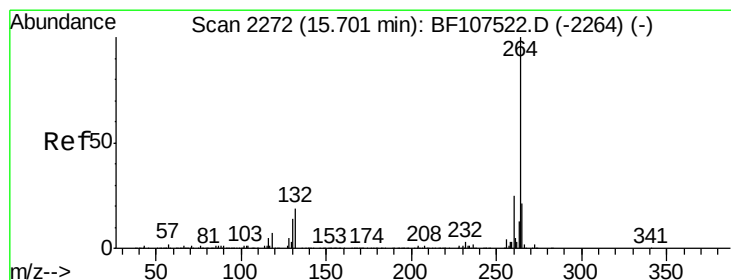
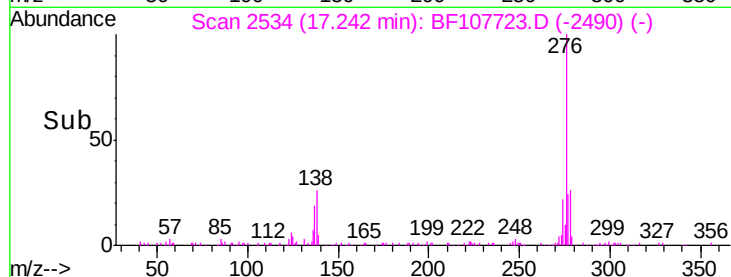
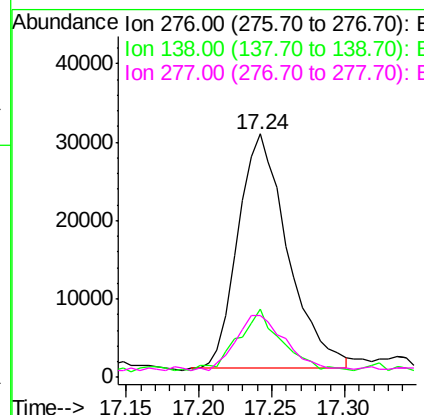
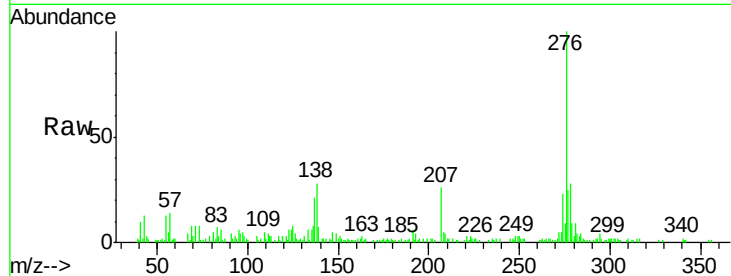
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.350 ng m
 RT: 17.24 min Scan# 2534
 Delta R.T. -0.04 min
 Lab File: BF107723.D
 Acq: 27 Jul 2018 1:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(10-12)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.5	25.0	37.6#
277	5.3	20.1	30.1#

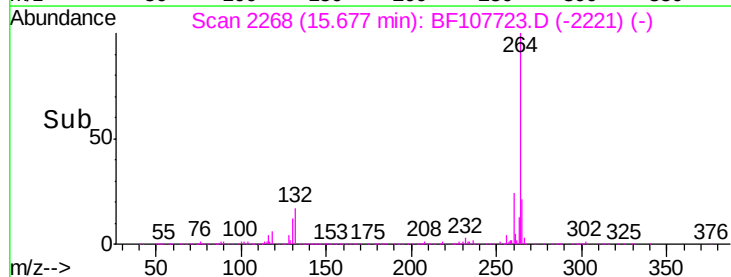
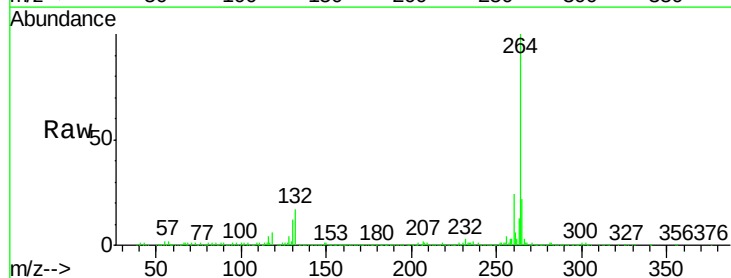
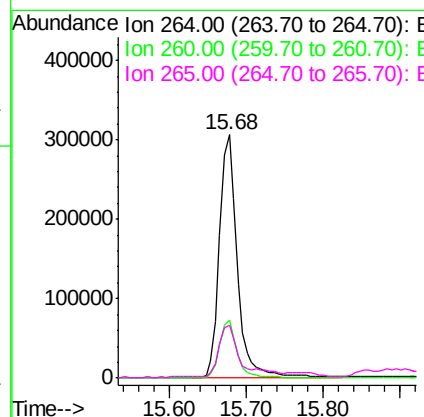
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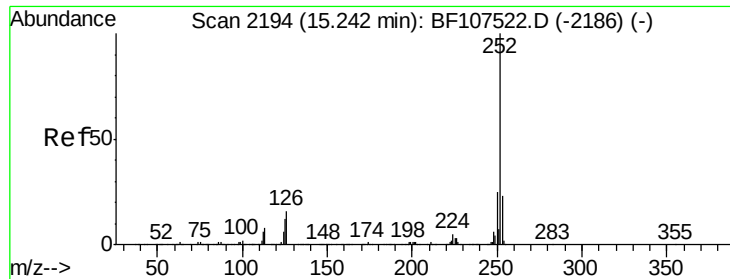
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107723.D
 Acq: 27 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





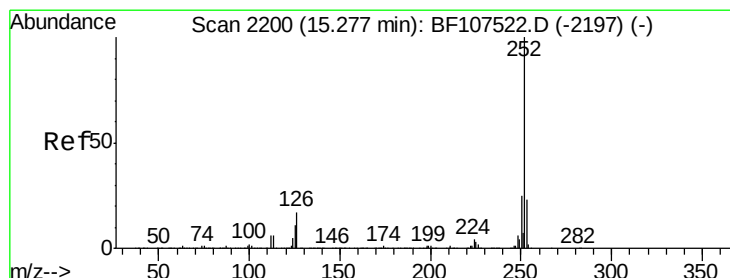
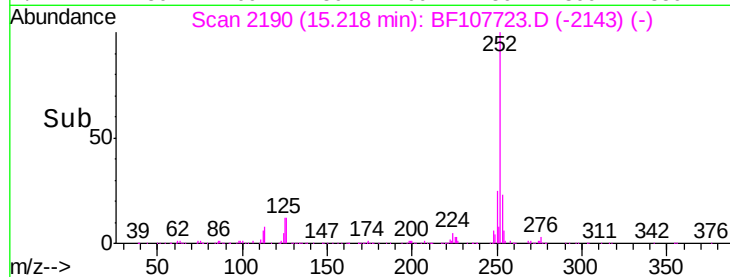
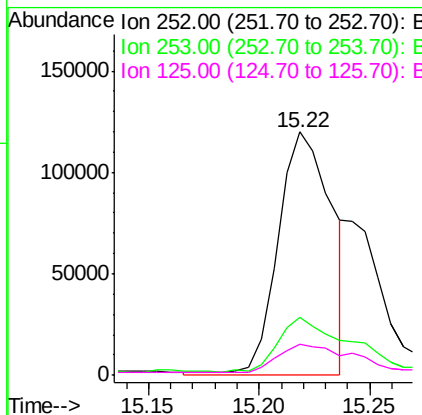
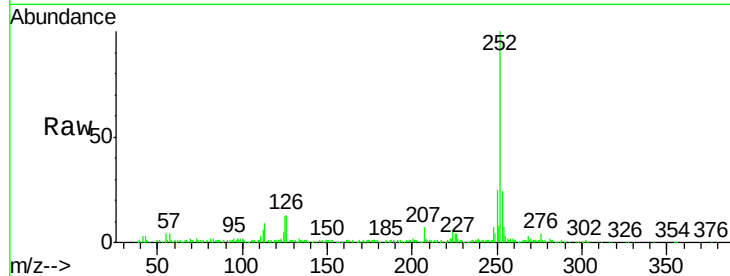
#87
Benzo(b)fluoranthene
Concen: 7.594 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SB-8(10-12)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	12.8	9.0	13.6

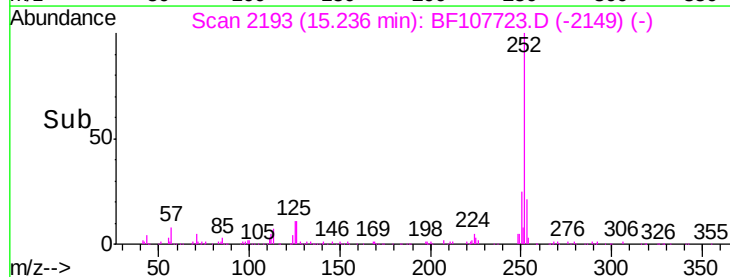
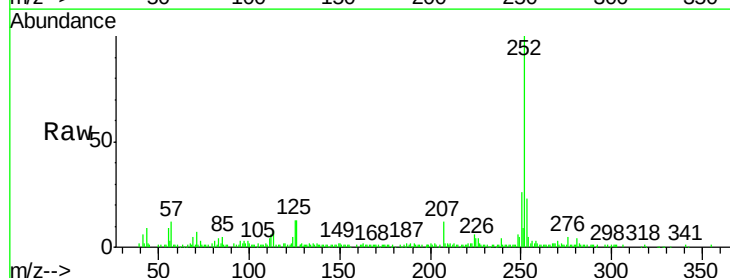
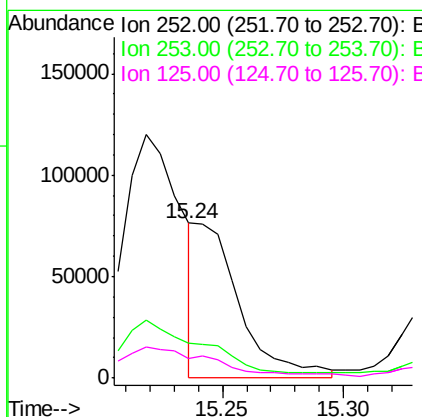
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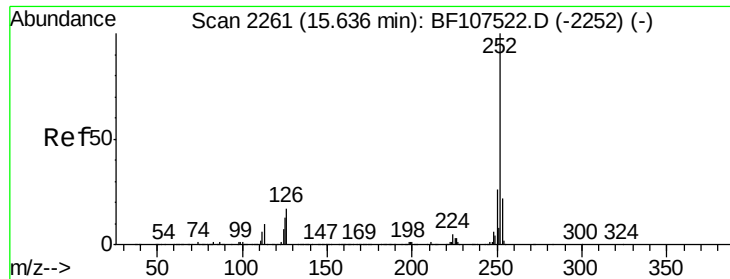
Sohil
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#88
Benzo(k)fluoranthene
Concen: 3.589 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.04 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.5	10.2	15.2





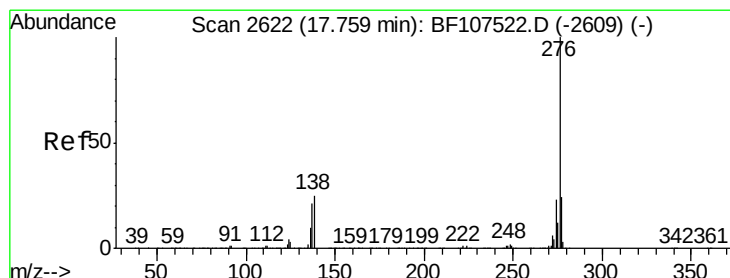
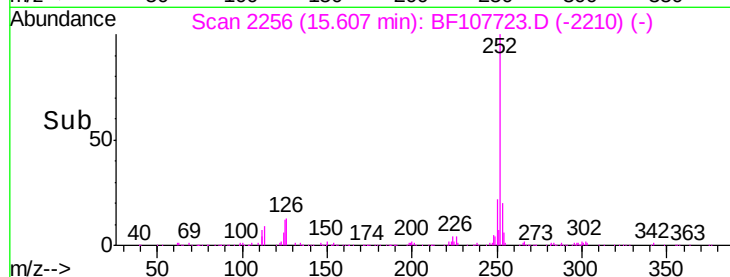
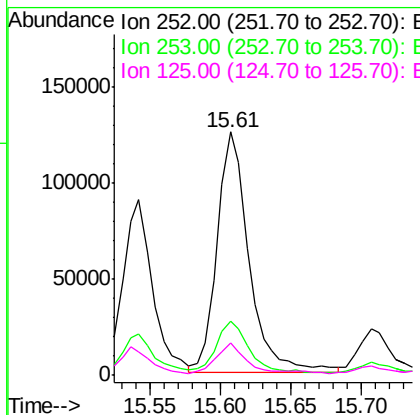
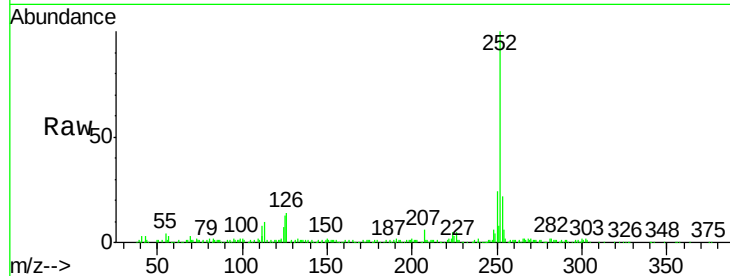
#89
Benzo(a)pyrene
Concen: 7.995 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.03 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Instrument :
BNA_F
ClientSampleId :
SB-8(10-12)

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	196180		
253	22.0	17.1	25.7	
125	13.3	9.8	14.6	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.760 ng
RT: 17.71 min Scan# 2614
Delta R.T. -0.05 min
Lab File: BF107723.D
Acq: 27 Jul 2018 1:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	78665		
277	24.4	17.9	26.9	
138	22.9	21.8	32.8	

