

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107722.D
 Acq On : 27 Jul 2018 1:25
 Operator : JU/SJ
 Sample : J4121-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(3-5)

Manual Integrations
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Quant Time: Jul 27 06:44:19 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	6.97	152	203234	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	865453	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	391446	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	685953	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	452633	20.00	ng	-0.02
86) Perylene-d12	15.68	264	501847	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	855279	67.66	ng	-0.01
7) Phenol-d6	6.60	99	1159298	76.38	ng	-0.02
23) Nitrobenzene-d5	7.52	82	710059	55.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	327380	73.55	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1354981	53.08	ng	-0.02
78) Terphenyl-d14	13.08	244	937802	53.04	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	89334	3.028	ng	98
57) Fluorene	10.55	166	69195	2.686	ng	98
70) Phenanthrene	11.52	178	386853	11.573	ng	98
71) Anthracene	11.57	178	163899	4.870	ng	100
74) Fluoranthene	12.71	202	606385	16.905	ng	96
77) Pyrene	12.94	202	477143	15.411	ng	98
80) Benzo(a)anthracene	14.14	228	270830m	10.210	ng	
82) Chrysene	14.17	228	221466	8.692	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	94742	4.387	ng	# 87
87) Benzo(b)fluoranthene	15.22	252	266760m	9.713	ng	
88) Benzo(k)fluoranthene	15.24	252	112043m	4.164	ng	
89) Benzo(a)pyrene	15.61	252	210646	8.384	ng	99
91) Benzo(g,h,i)perylene	17.72	276	87542	4.087	ng	93

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

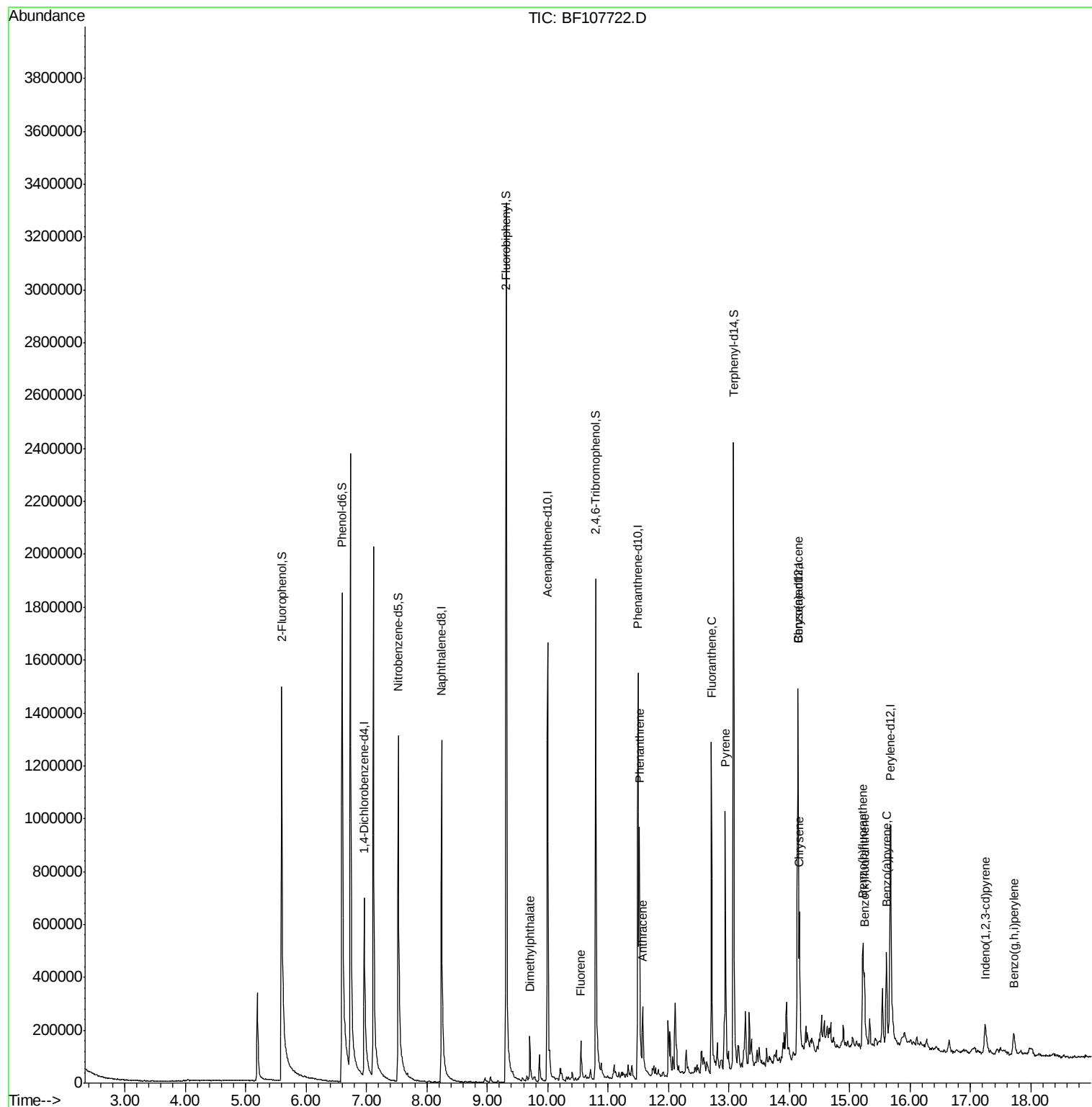
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107722.D
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Operator : JU/SJ
Sample : J4121-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

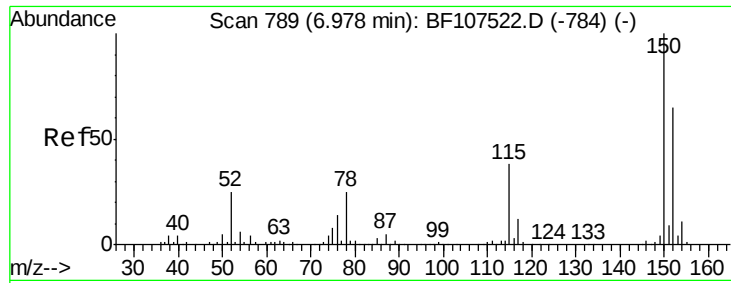
Instrument :
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Quant Time: Jul 27 06:44:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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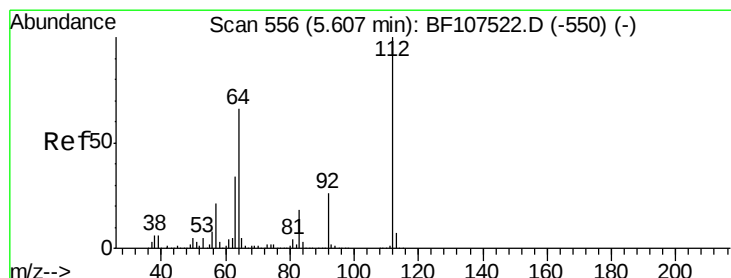
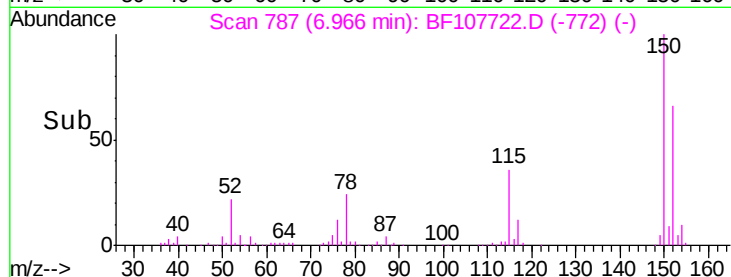
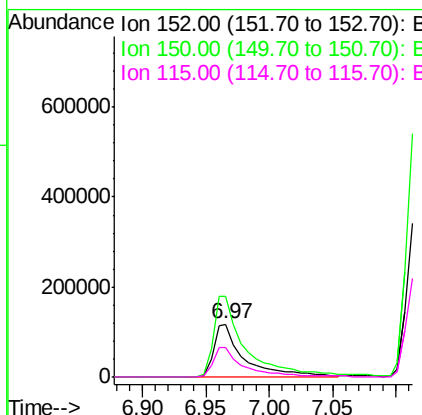
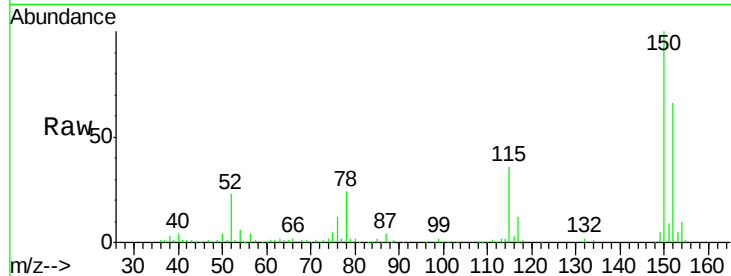
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107722.D
 Acq: 27 Jul 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(3-5)

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		203234		
150	152.2	124.6	186.8		
115	55.4	50.1	75.1		

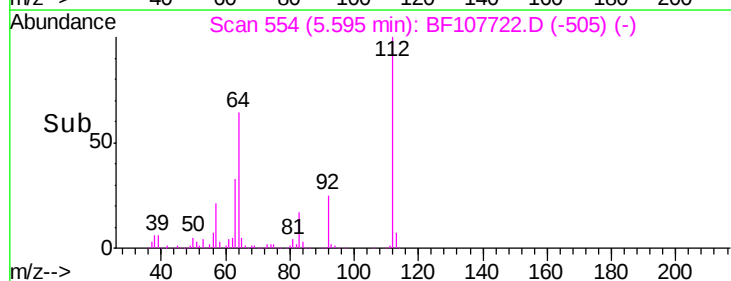
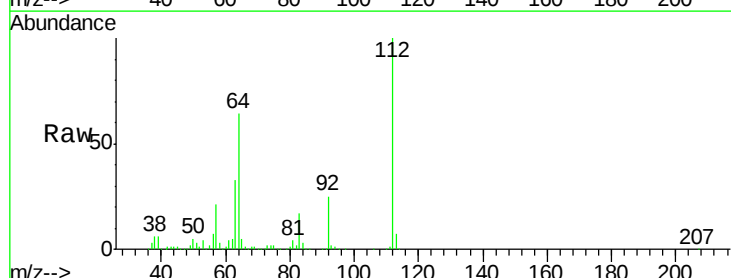
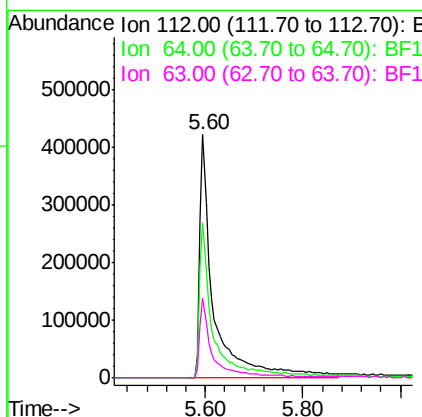
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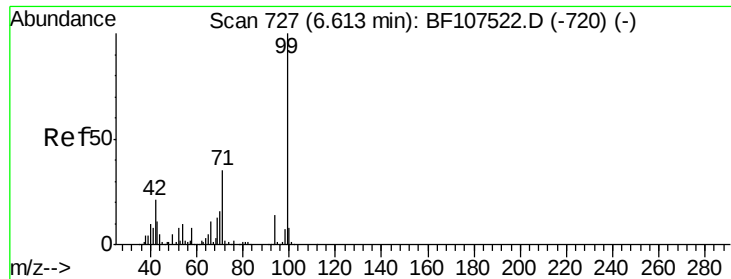
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#5
 2-Fluorophenol
 Concen: 67.662 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107722.D
 Acq: 27 Jul 2018 1:25

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		855279		
64	63.6	47.9	71.9		
63	33.0	23.7	35.5		





#7

Phenol-d6

Concen: 76.381 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107722.D

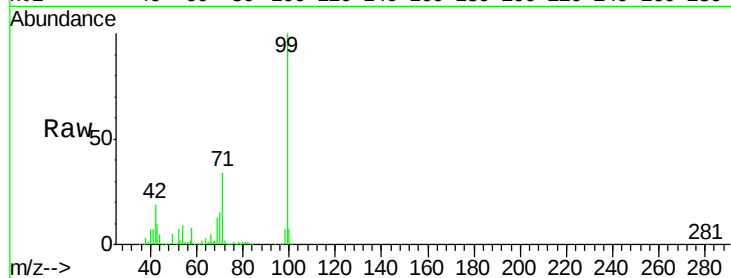
Acq: 27 Jul 2018 1:25

Instrument :

BNA_F

ClientSampleId :

SB-8(3-5)



Tgt Ion: 99 Resp: 1159298

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

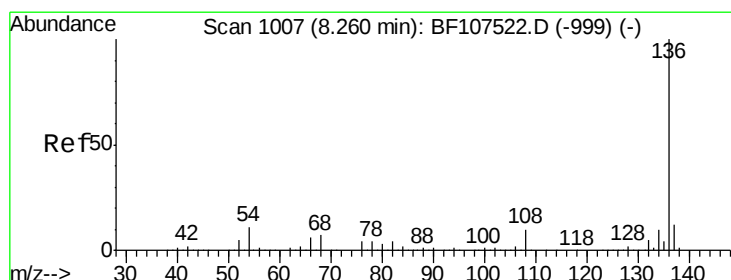
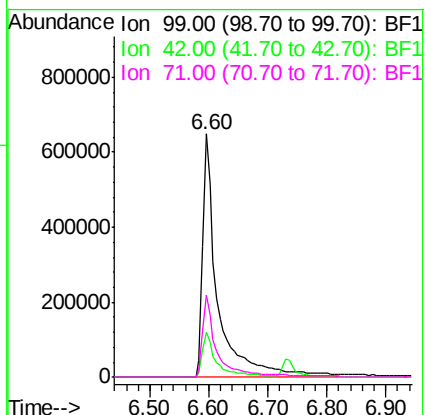
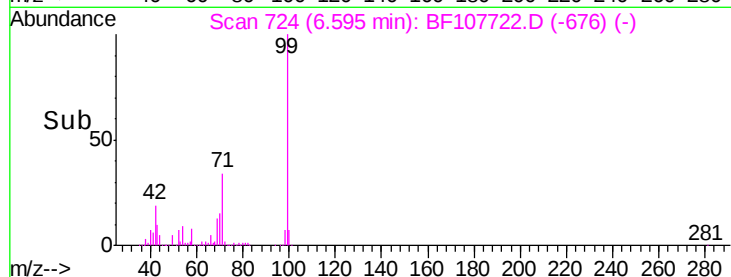
71 34.0 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107722.D

Acq: 27 Jul 2018 1:25

Tgt Ion: 136 Resp: 865453

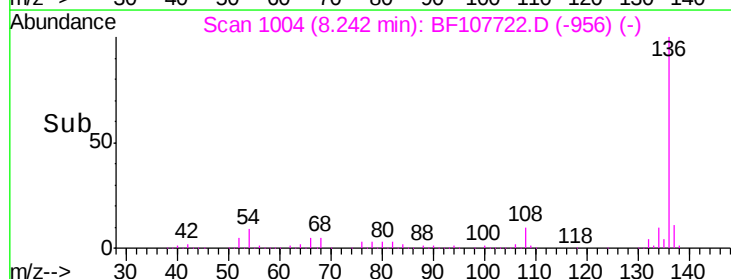
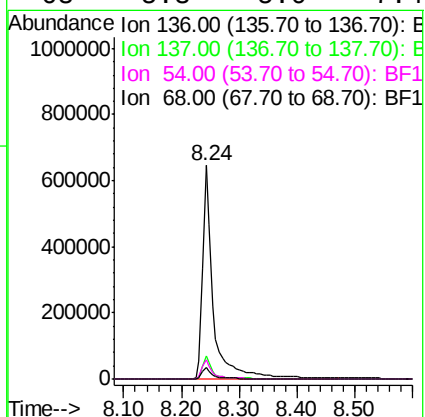
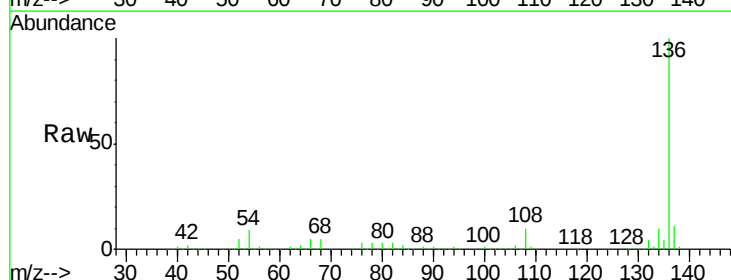
Ion Ratio Lower Upper

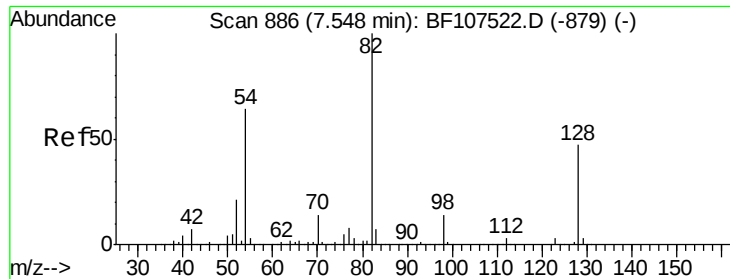
136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 5.3 5.0 7.4





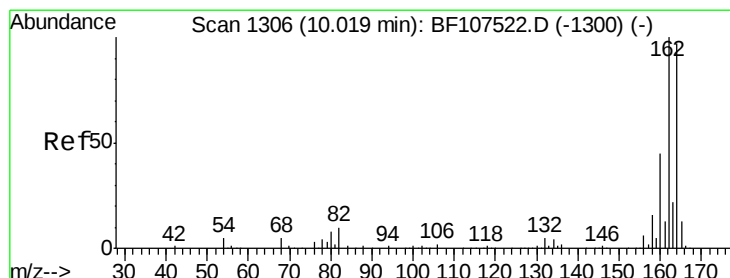
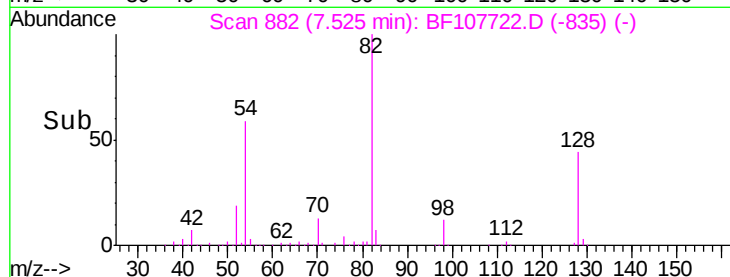
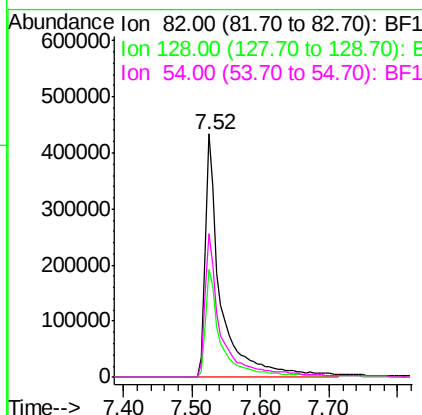
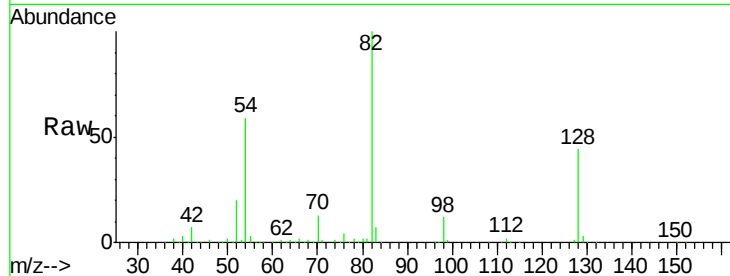
#23
 Nitrobenzene-d5
 Concen: 55.370 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107722.D
 Acq: 27 Jul 2018 1:25

Instrument :
 BNA_F
 ClientSampled :
 SB-8(3-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	58.9	41.4	62.2

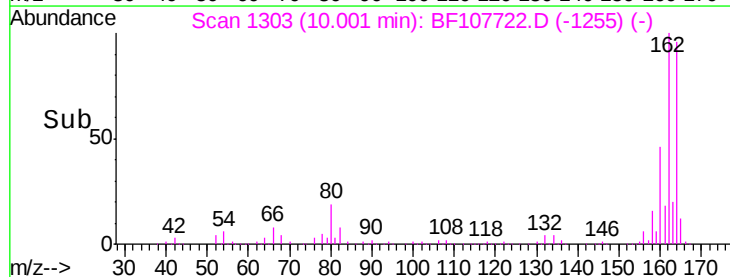
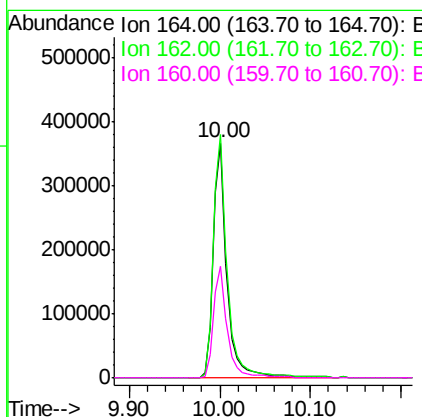
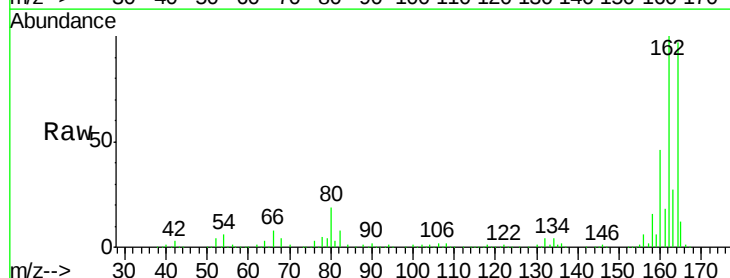
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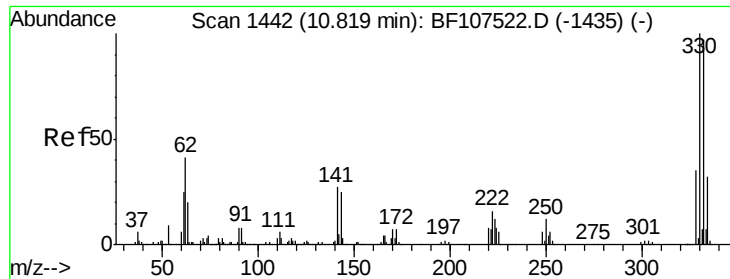
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107722.D
 Acq: 27 Jul 2018 1:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.7	38.3	57.5





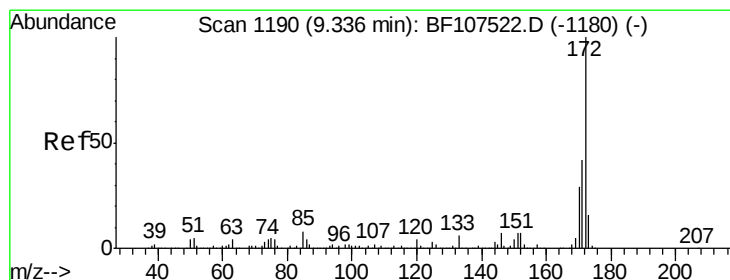
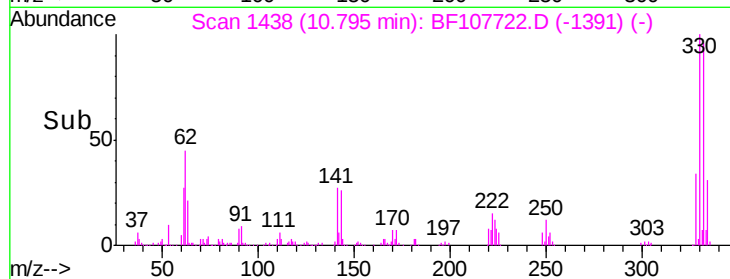
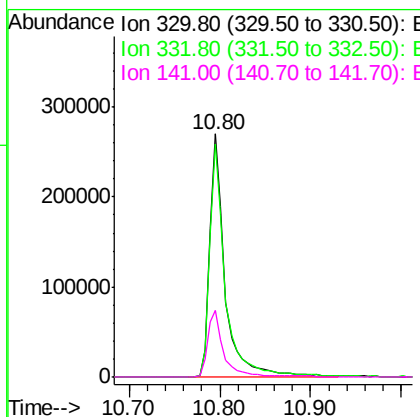
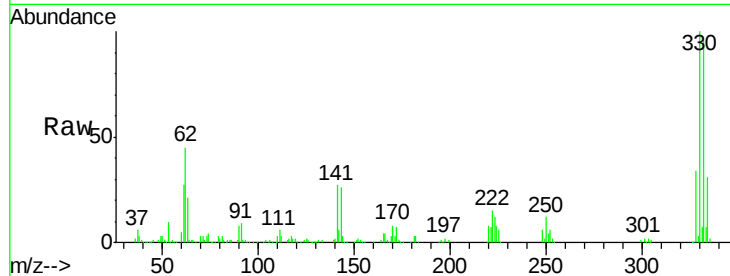
#41
 2,4,6-Tribromophenol
 Concen: 73.546 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107722.D
 Acq: 27 Jul 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	327380		
332	97.7	77.0	115.6	
141	29.5	29.9	44.9#	

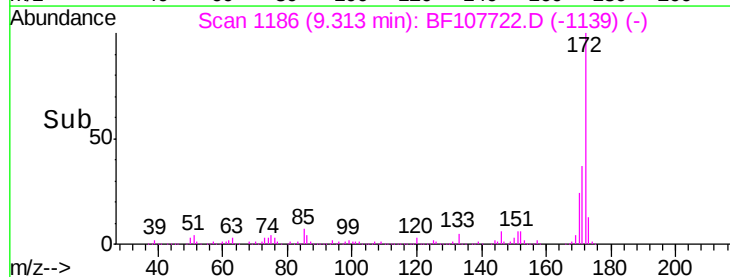
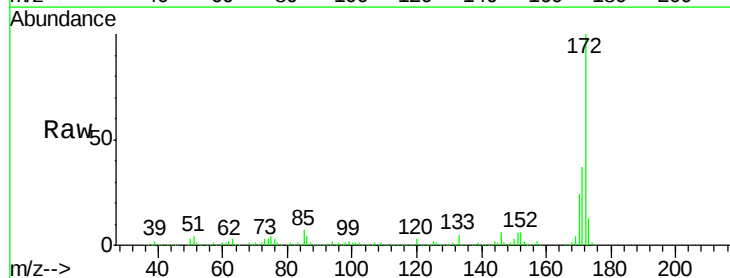
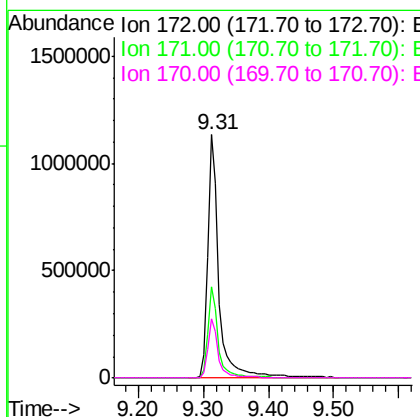
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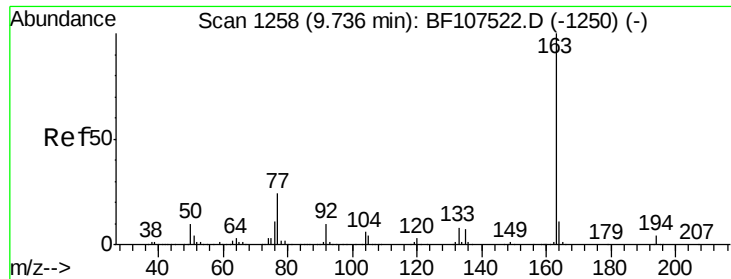
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#44
 2-Fluorobiphenyl
 Concen: 53.082 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107722.D
 Acq: 27 Jul 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1354981		
171	37.4	29.7	44.5	
170	24.5	19.6	29.4	





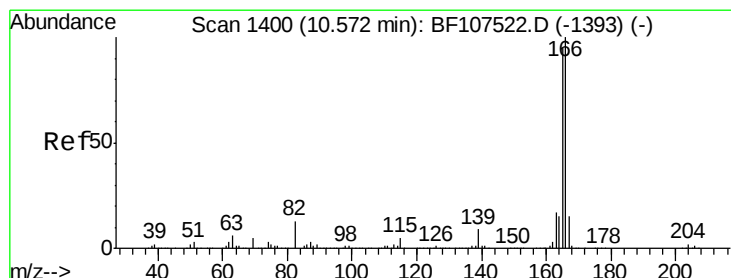
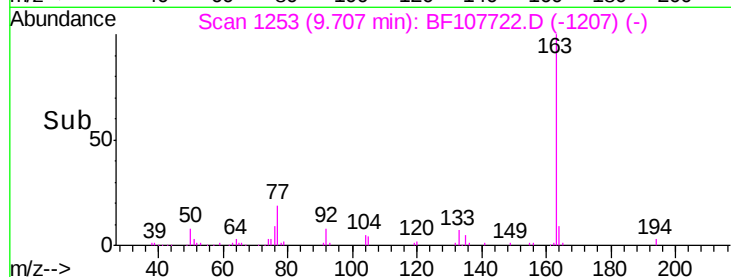
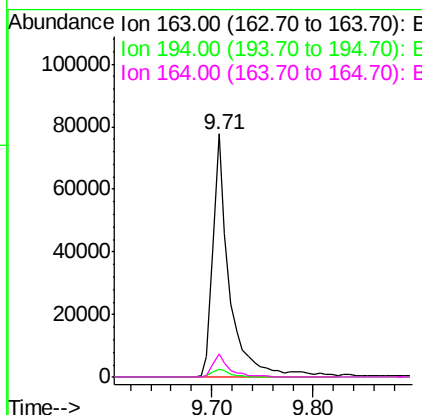
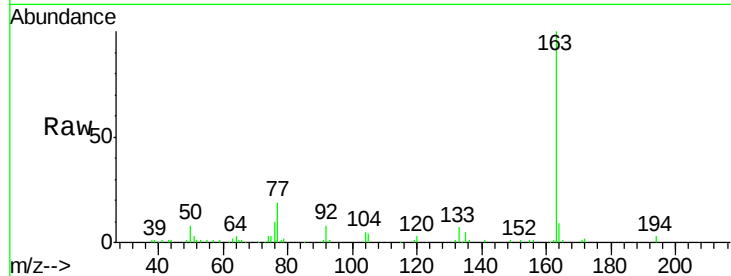
#49
Dimethylphthalate
Concen: 3.028 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :
SB-8(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	89334		
194	3.4	2.7	4.1	
164	9.4	8.2	12.2	

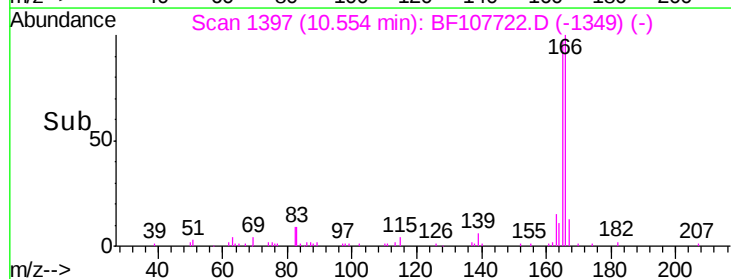
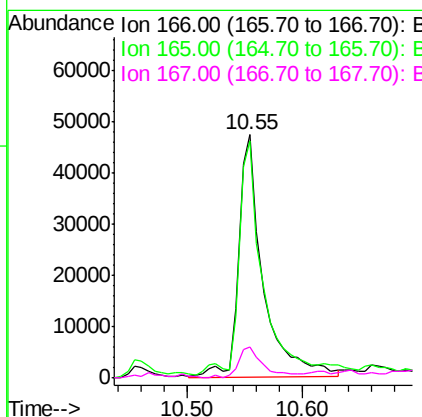
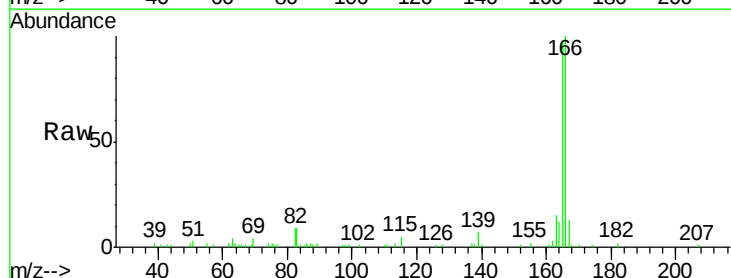
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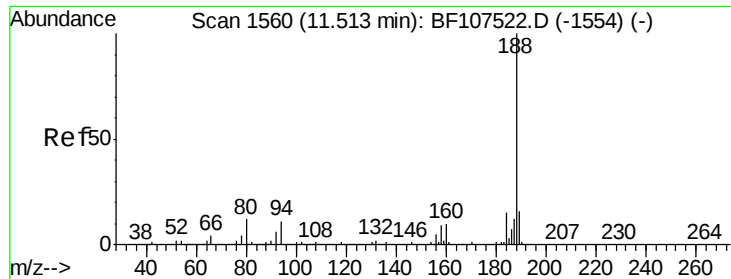
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#57
Fluorene
Concen: 2.686 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF107722.D
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	69195		
165	97.4	79.8	119.8	
167	12.7	10.6	16.0	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107722.D

Acq: 27 Jul 2018 1:25

Instrument :

BNA_F

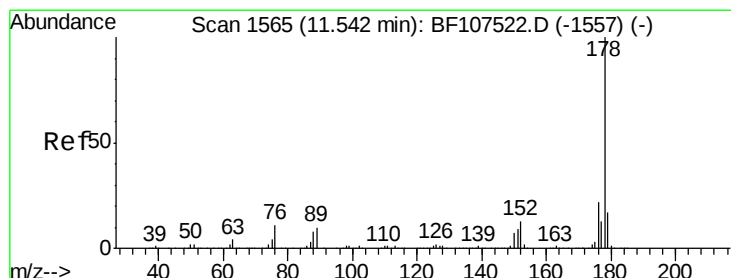
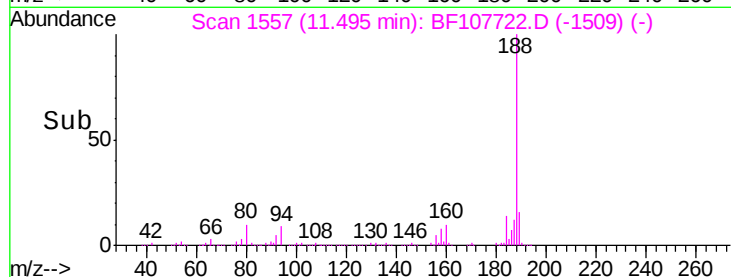
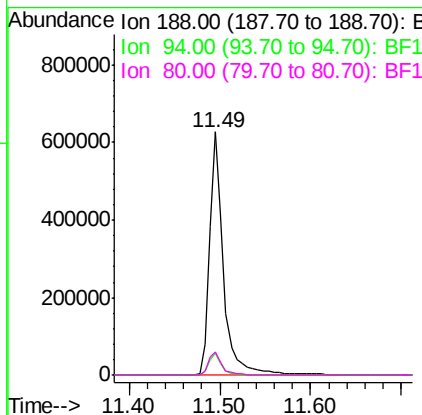
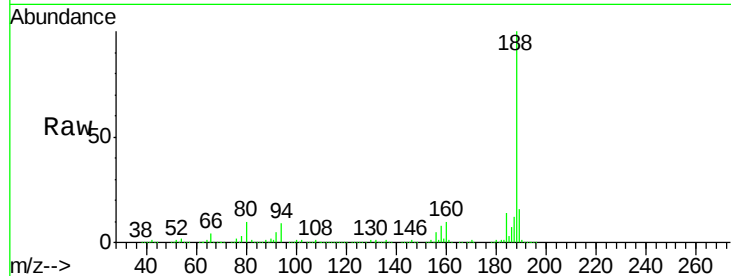
ClientSampleId :

SB-8(3-5)

Tgt	Ion:188	Resp:	685953
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.9	9.2	13.8

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#70

Phenanthrene

Concen: 11.573 ng

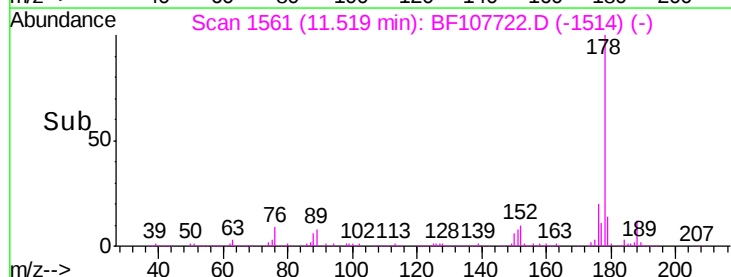
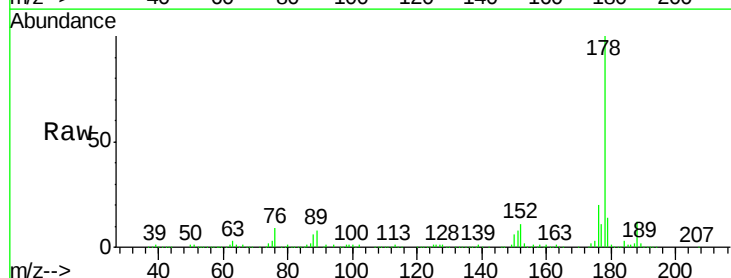
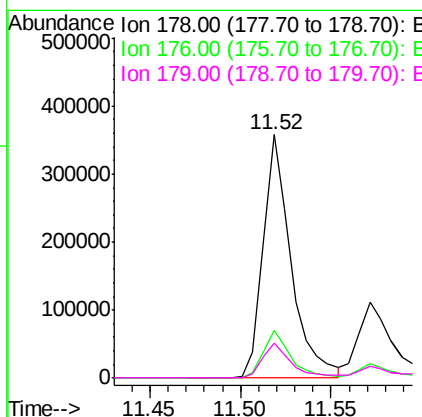
RT: 11.52 min Scan# 1561

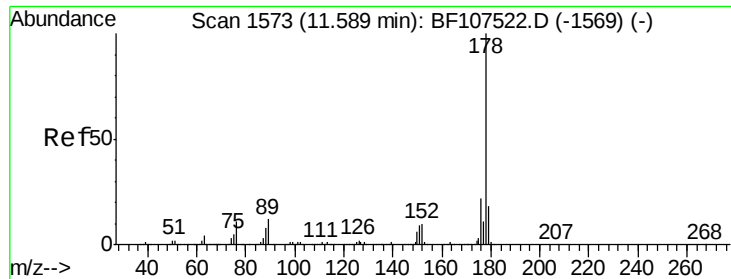
Delta R.T. -0.02 min

Lab File: BF107722.D

Acq: 27 Jul 2018 1:25

Tgt	Ion:178	Resp:	386853
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.2	13.0	19.6





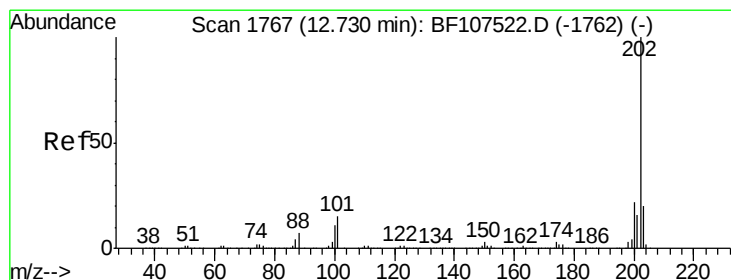
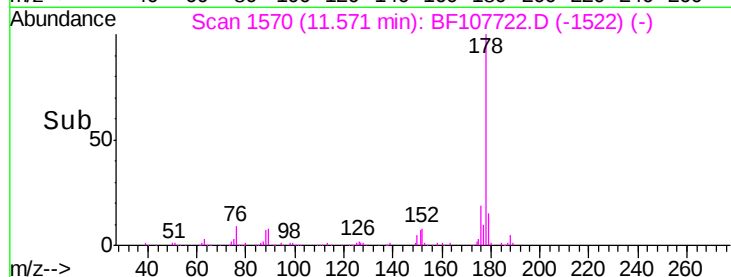
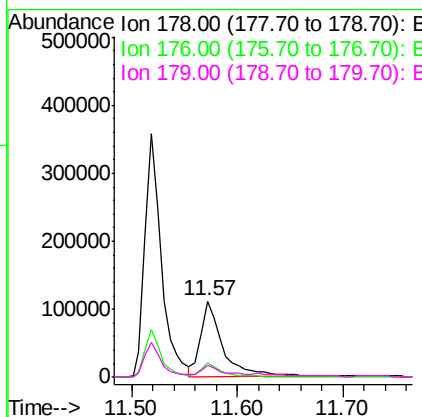
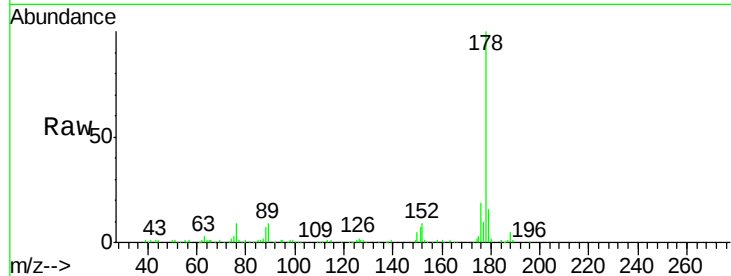
#71
 Anthracene
 Concen: 4.870 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF107722.D
 Acq: 27 Jul 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	163899		
176	19.2	15.4	23.2	
179	15.7	12.6	19.0	

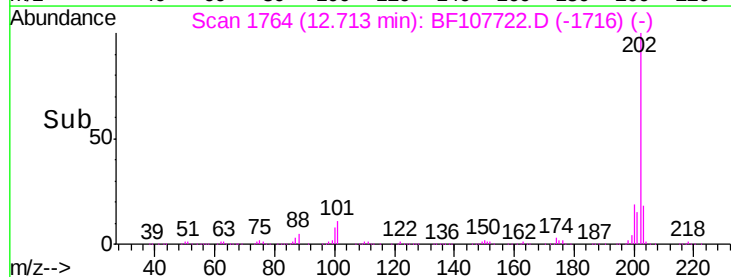
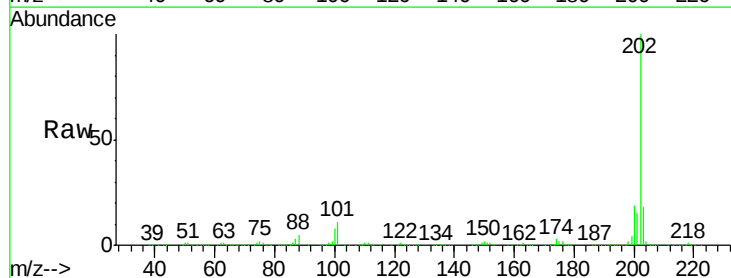
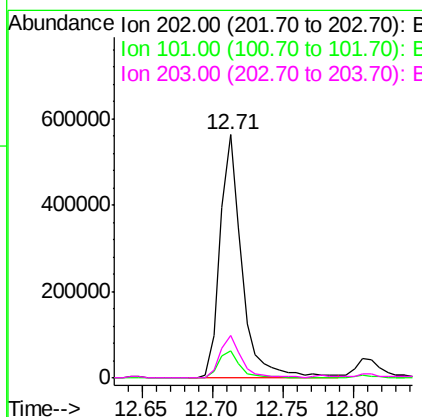
Manual Integrations
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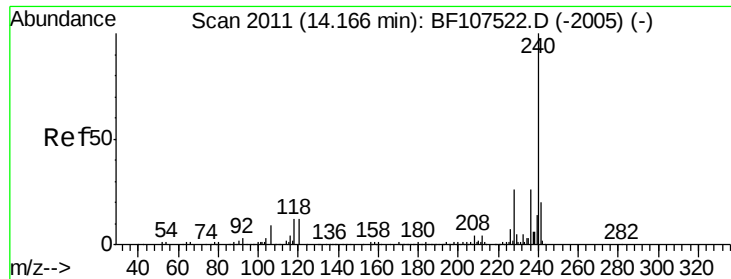
Sohil
 7/27/2018 2:54:22 PM



#74
 Fluoranthene
 Concen: 16.905 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BF107722.D
 Acq: 27 Jul 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	606385		
101	11.0	0.0	34.1	
203	17.8	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: BF107722.D

Acq: 27 Jul 2018 1:25

Instrument :

BNA_F

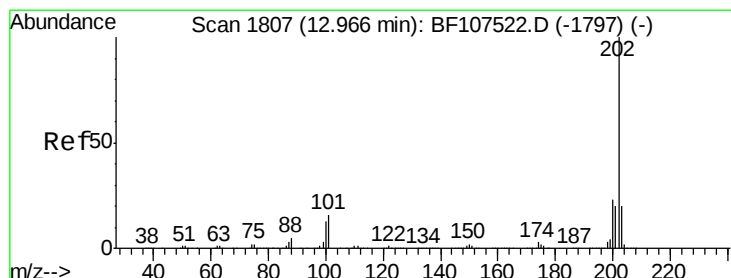
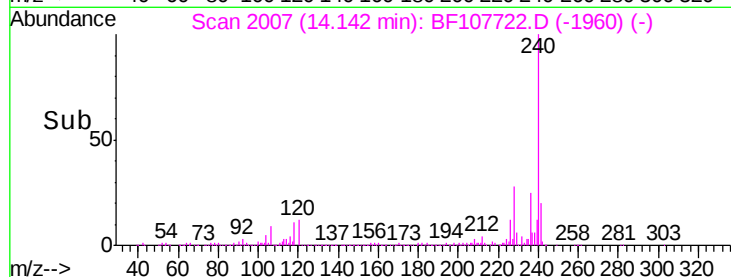
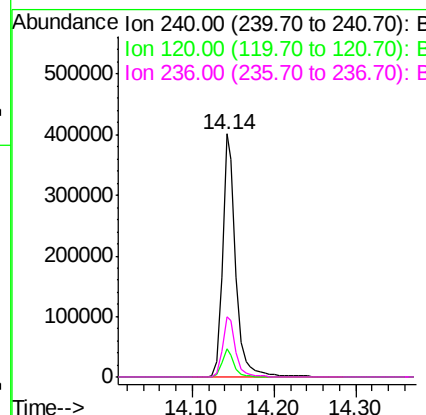
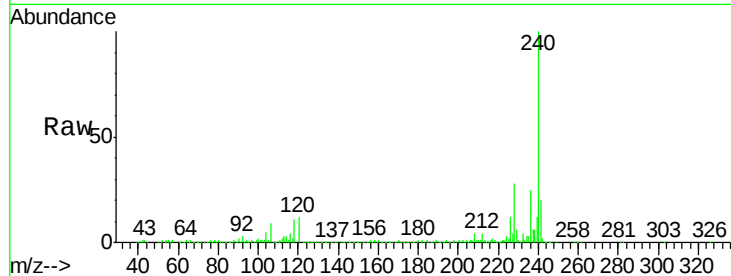
ClientSampled :

SB-8(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	452633		
120	11.8	9.5	14.3	
236	24.7	20.7	31.1	

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#77

Pyrene

Concen: 15.411 ng

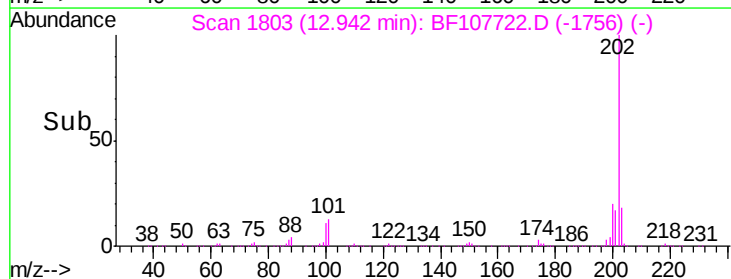
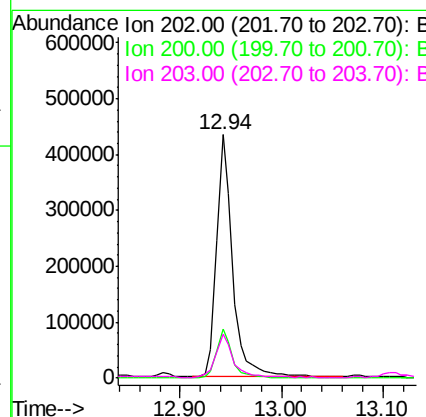
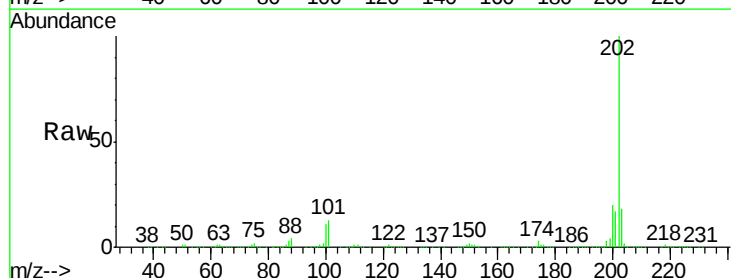
RT: 12.94 min Scan# 1803

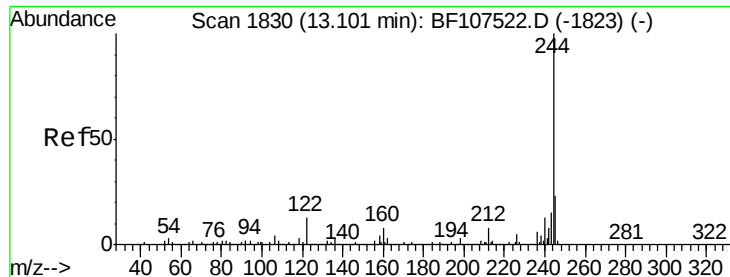
Delta R.T. -0.02 min

Lab File: BF107722.D

Acq: 27 Jul 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	477143		
200	20.0	17.4	26.2	
203	17.8	14.3	21.5	





#78

Terphenyl-d14

Concen: 53.042 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107722.D

Acq: 27 Jul 2018 1:25

Instrument :

BNA_F

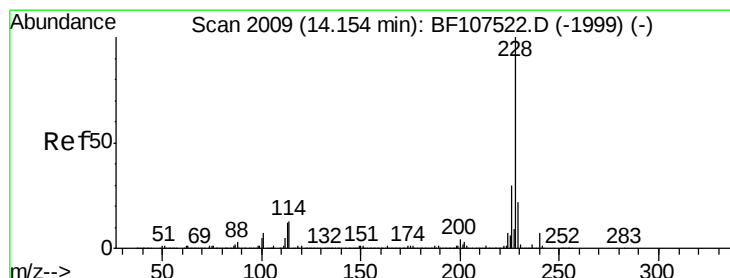
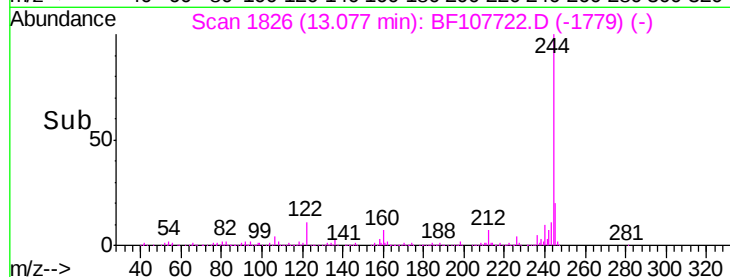
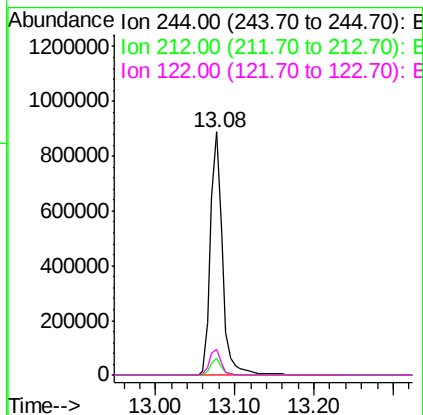
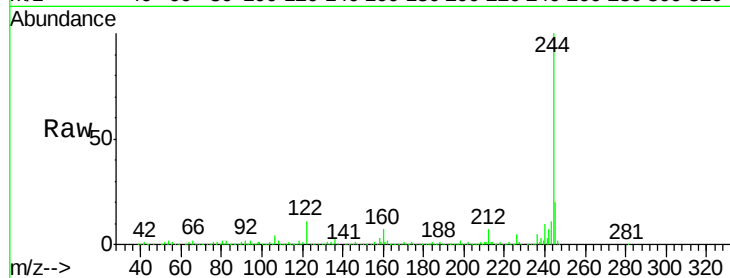
ClientSampleId :

SB-8(3-5)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.5	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 10.210 ng m

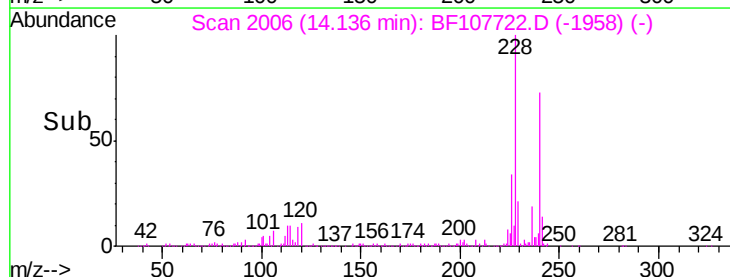
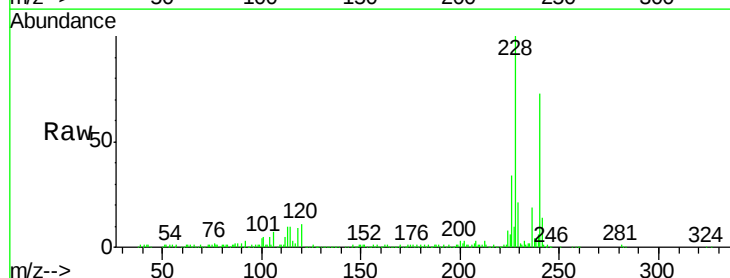
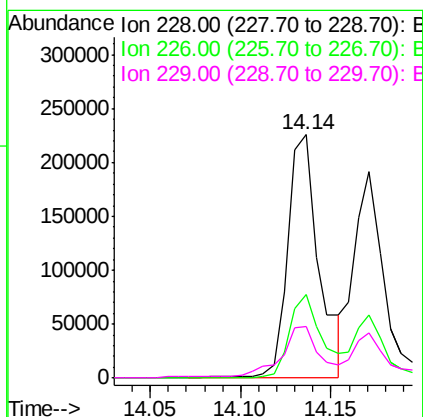
RT: 14.14 min Scan# 2006

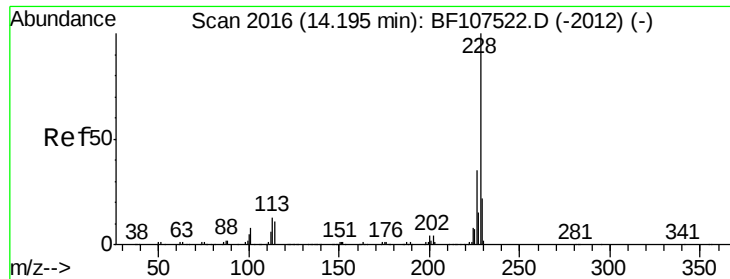
Delta R.T. -0.02 min

Lab File: BF107722.D

Acq: 27 Jul 2018 1:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	22.6	33.8#
229	21.3	15.8	23.6





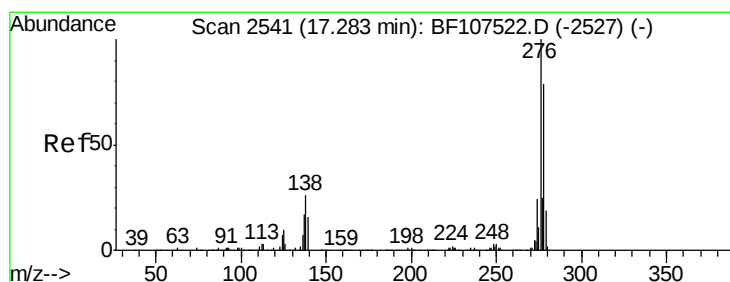
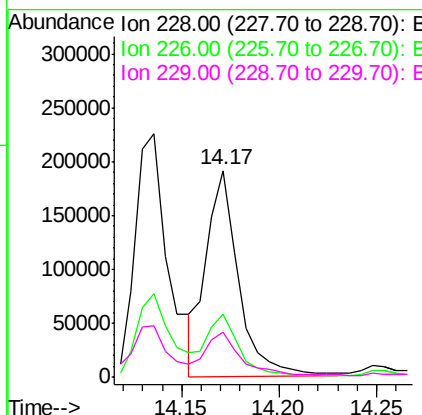
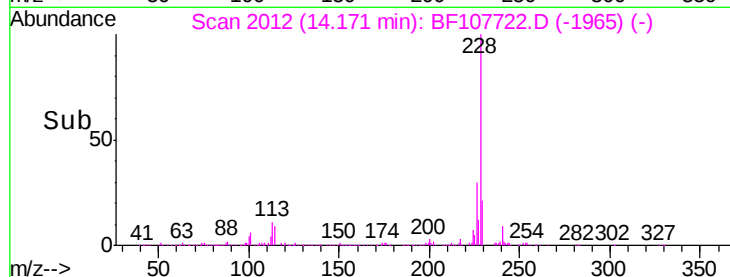
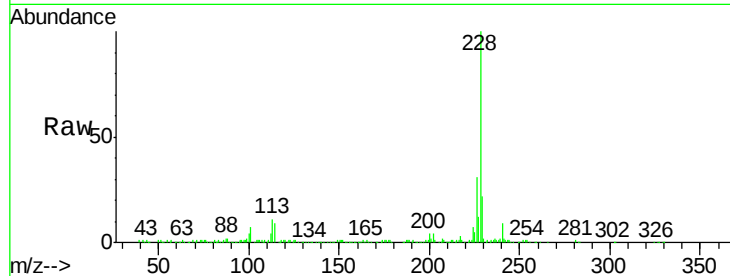
#82
Chrysene
Concen: 8.692 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :
SB-8(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	221466		
226	30.5	25.0	37.6	
229	22.2	16.2	24.4	

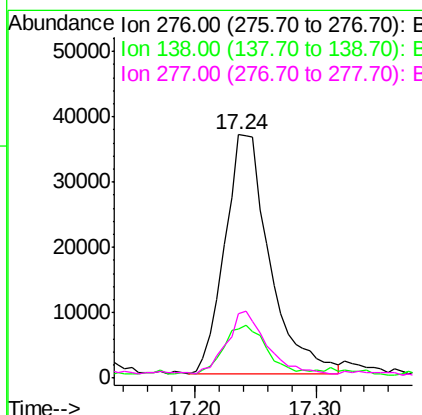
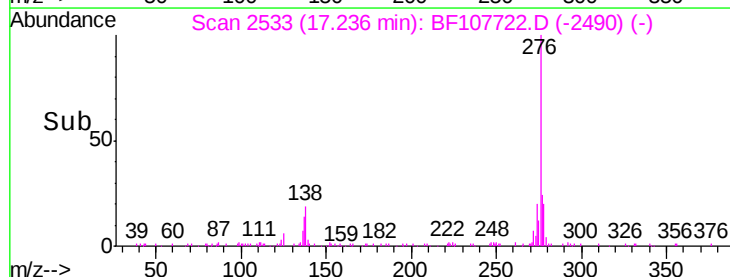
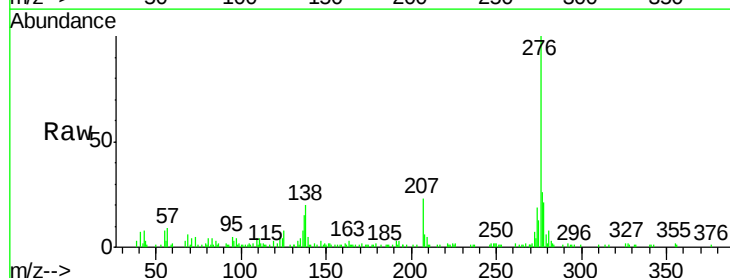
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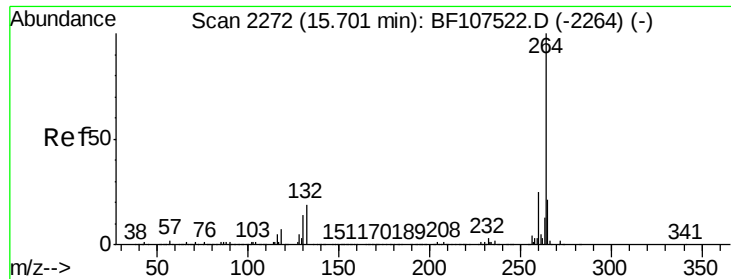
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.387 ng
RT: 17.24 min Scan# 2533
Delta R.T. -0.05 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	94742		
138	19.9	25.0	37.6#	
277	23.0	20.1	30.1	





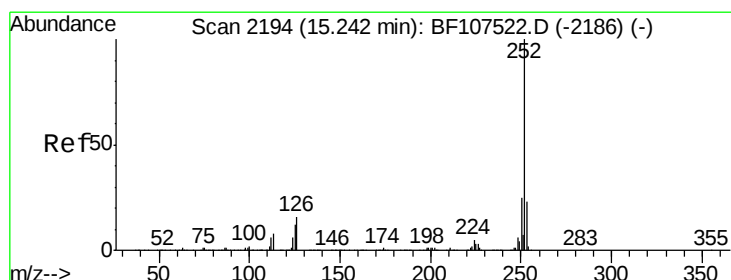
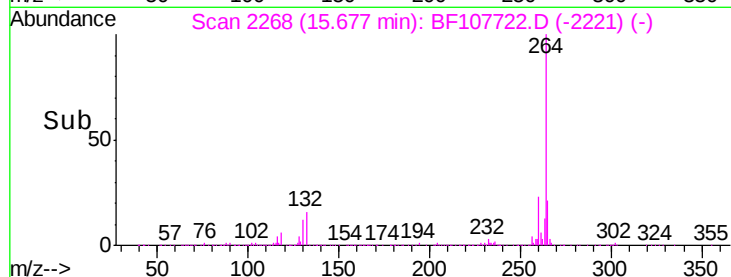
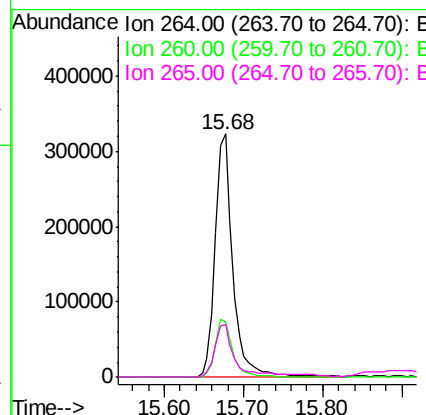
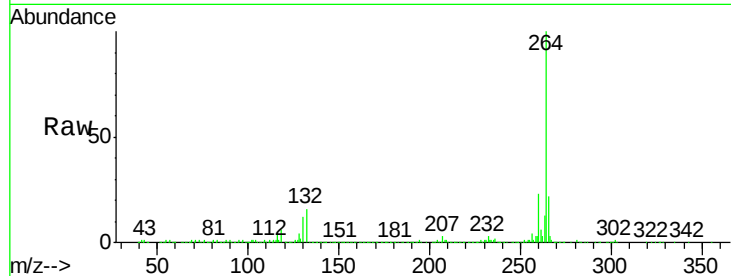
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :
SB-8(3-5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	17.5	26.3

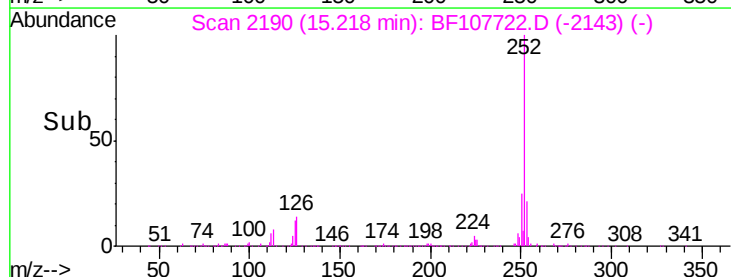
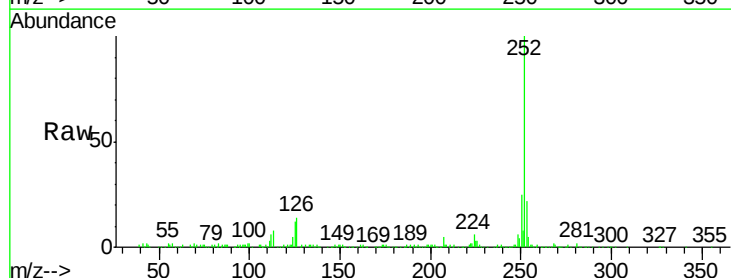
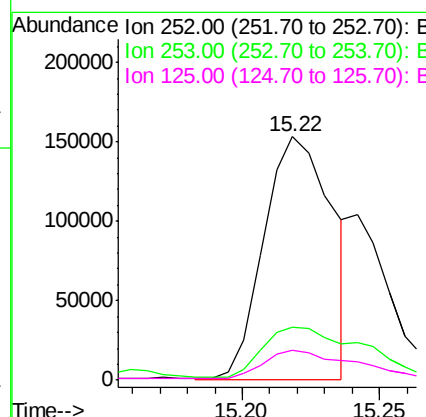
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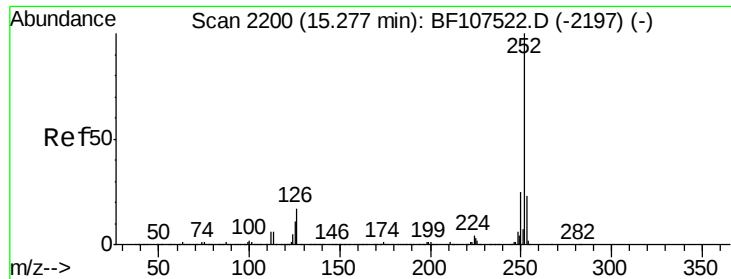
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#87
Benzo(b)fluoranthene
Concen: 9.713 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	12.5	9.0	13.6





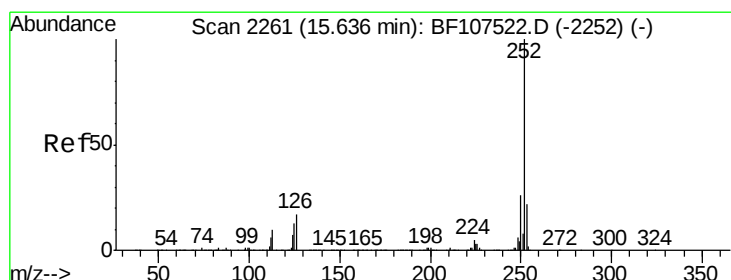
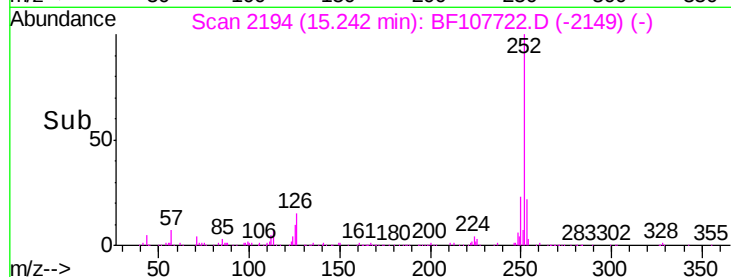
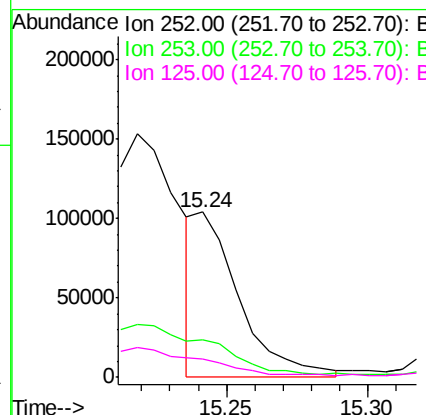
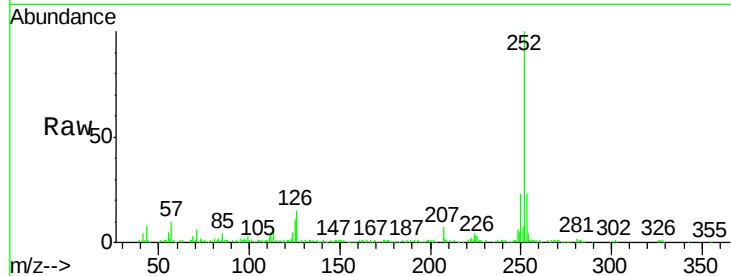
#88
Benzo(k)fluoranthene
Concen: 4.164 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Instrument :
BNA_F
ClientSampleId :
SB-8(3-5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.9	10.2	15.2

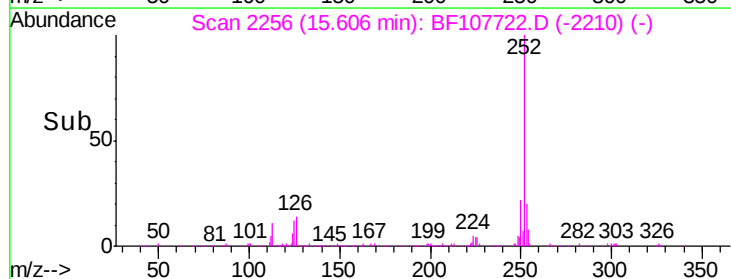
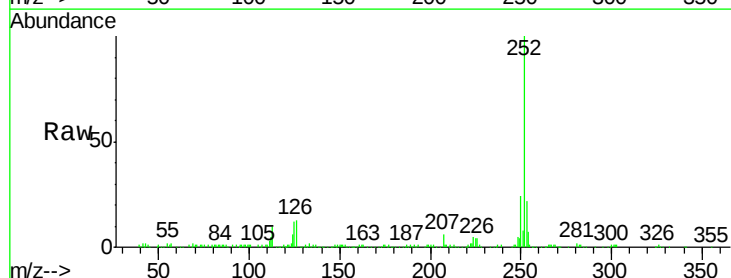
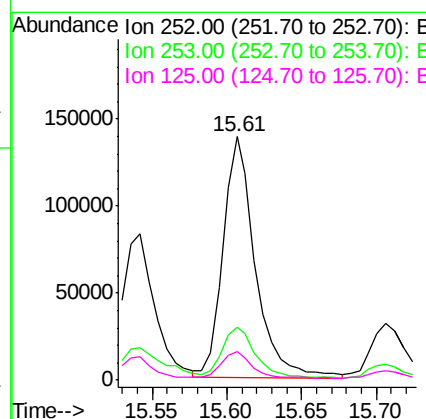
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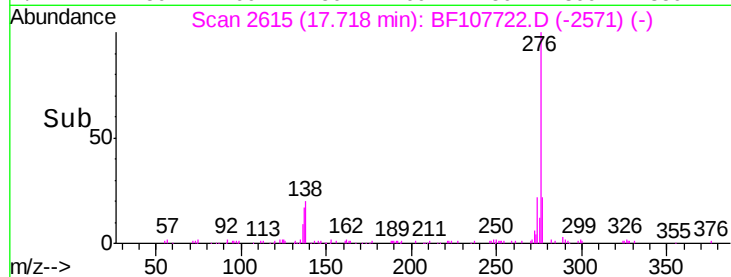
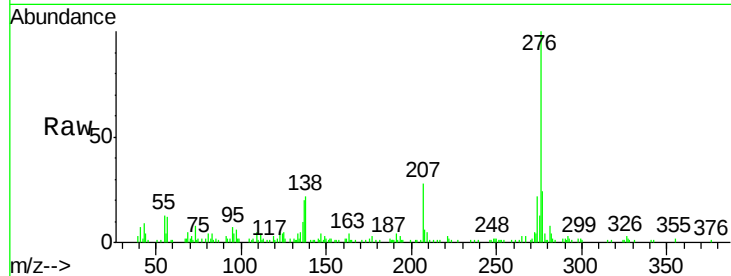
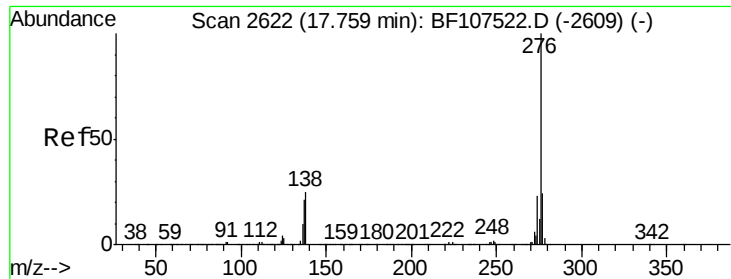
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#89
Benzo(a)pyrene
Concen: 8.384 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.03 min
Lab File: BF107722.D
Acq: 27 Jul 2018 1:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.9	9.8	14.6





#91

Benzo(g,h,i)perylene

Concen: 4.087 ng

RT: 17.72 min Scan# 2615

Delta R.T. -0.04 min

Lab File: BF107722.D

Acq: 27 Jul 2018 1:25

Instrument :

BNA_F

ClientSampleId :

SB-8(3-5)

Tgt Ion:	276	Resp:	87542
Ion Ratio	Lower	Upper	
276	100		
277	24.3	17.9	26.9
138	22.0	21.8	32.8

Manual Integrations
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