

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107647.D
 Acq On : 25 Jul 2018 5:47
 Operator : JU/SJ
 Sample : J4096-04DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-6DL

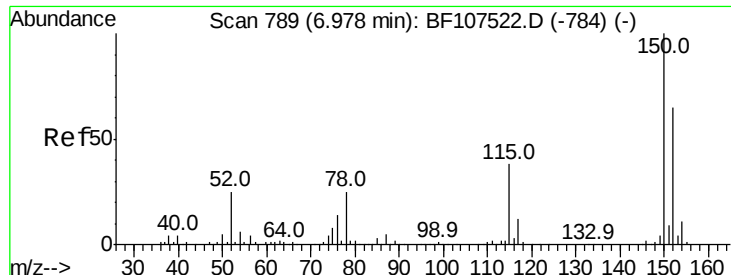
Manual Integrations
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Sohil
 7/25/2018 12:58:53 PM

Quant Time: Jul 25 08:56:38 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	203942	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	808030	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	321601	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	555639	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	388882	20.00	ng	-0.01
86) Perylene-d12	15.69	264	339076	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	53439	4.21	ng	0.00
7) Phenol-d6	6.61	99	97987	6.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	61952	5.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	21811	5.96	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	138309	1.77	ng	-0.02
78) Terphenyl-d14	13.08	244	112458	7.40	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.12	79	33960	3.272	ng	93
57) Fluorene	10.56	166	59687	2.820	ng	# 91
70) Phenanthrene	11.52	178	611731	22.593	ng	100
71) Anthracene	11.58	178	149686	5.491	ng	97
74) Fluoranthene	12.72	202	1159868	39.920	ng	97
77) Pyrene	12.95	202	874540	32.878	ng	98
80) Benzo(a)anthracene	14.14	228	278161	12.206	ng	97
82) Chrysene	14.18	228	422728	19.310	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	225540	13.973	ng	99
85) Indeno(1,2,3-cd)pyrene	17.26	276	163329m	8.803	ng	
87) Benzo(b)fluoranthene	15.23	252	461853m	24.888	ng	
88) Benzo(k)fluoranthene	15.26	252	132880m	7.309	ng	
89) Benzo(a)pyrene	15.62	252	218562	12.876	ng	# 94
90) Dibenzo(a,h)anthracene	17.27	278	31322	2.135	ng	# 87
91) Benzo(a,h,i)perylene	17.74	276	154374	10.666	ng	95

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



#1

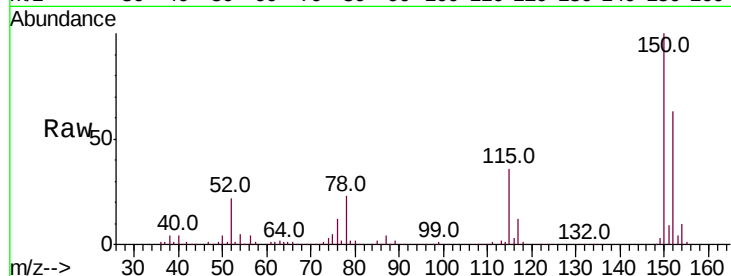
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Instrument :
BNA_F
ClientSampleId :
DW-6DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	57.9	50.1	75.1

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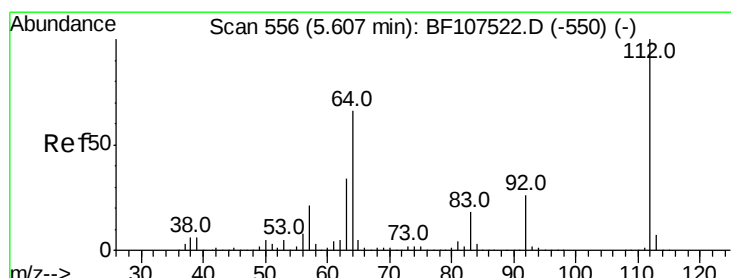
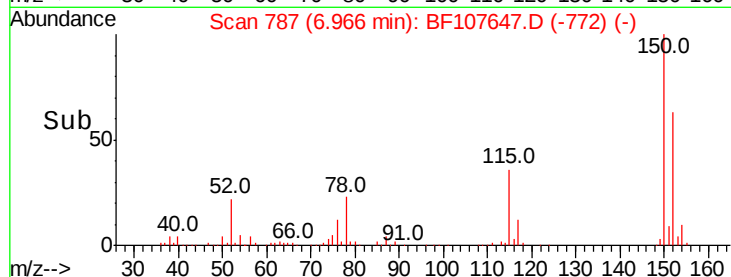
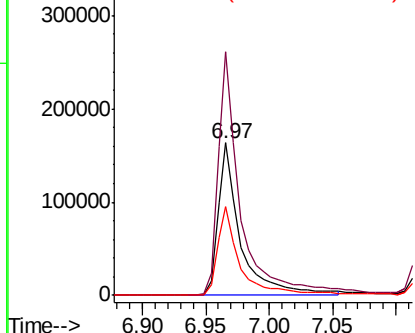


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

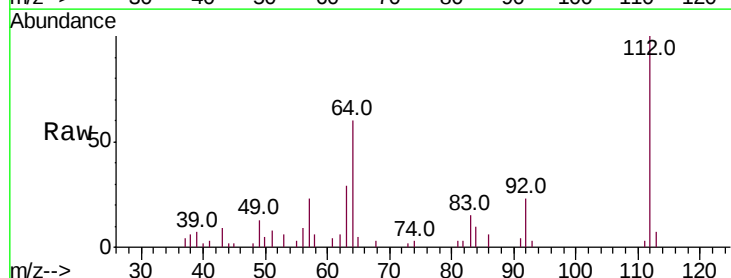
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.213 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	29.4	23.7	35.5

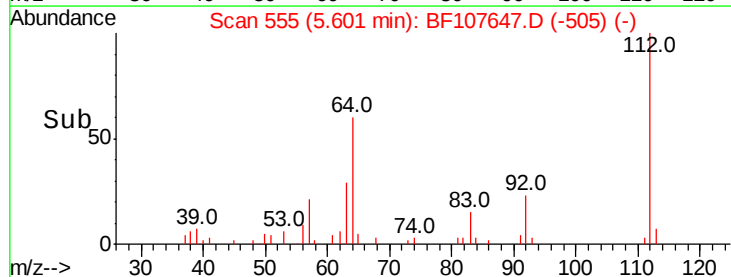
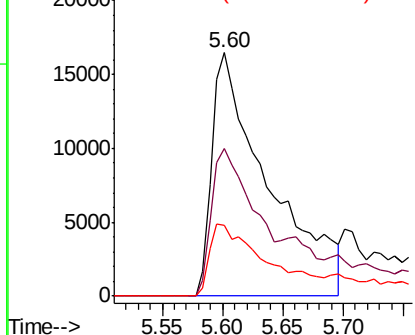


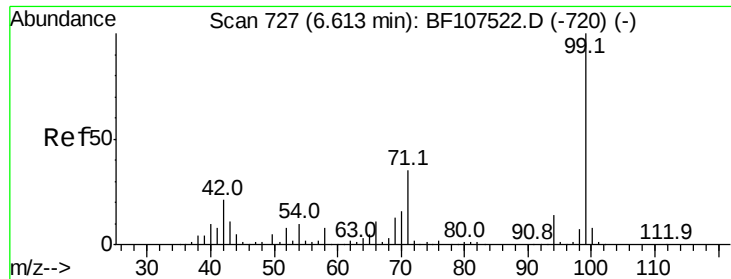
Abundance

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: 6.434 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107647.D

Acq: 25 Jul 2018 5:47

Instrument :

BNA_F

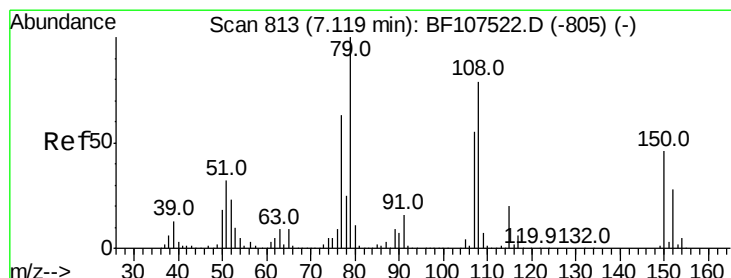
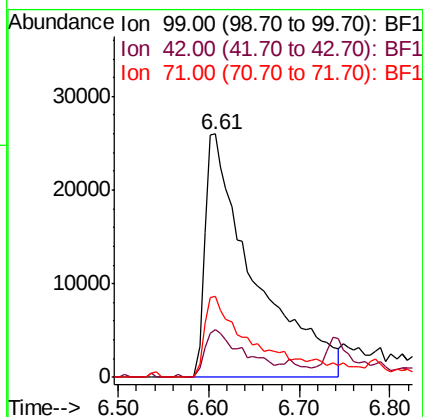
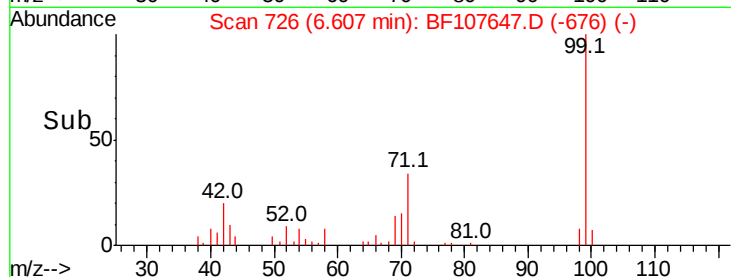
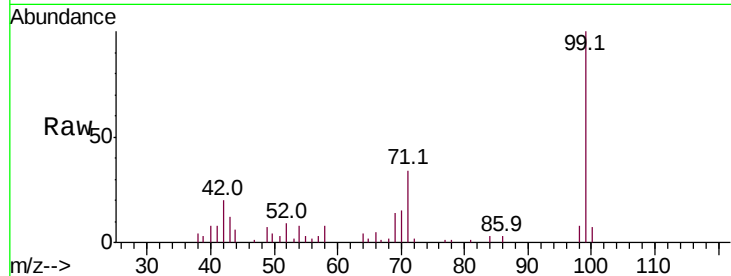
ClientSampleId :

DW-6DL

Tot Ion:	99	Resp:	97987
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	33.6	25.4	38.0

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#15

Benzyl Alcohol

Concen: 3.272 ng

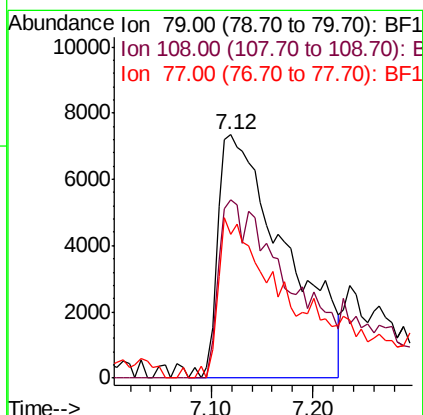
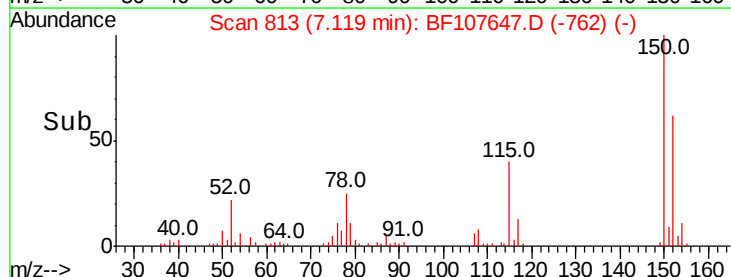
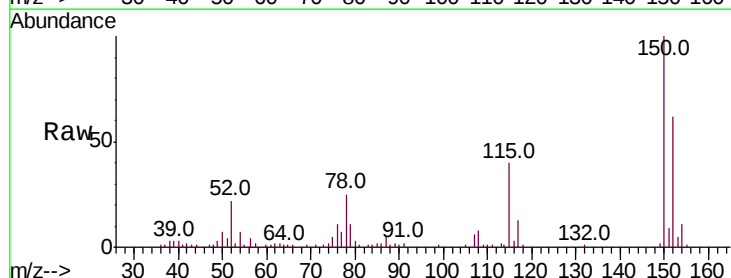
RT: 7.12 min Scan# 813

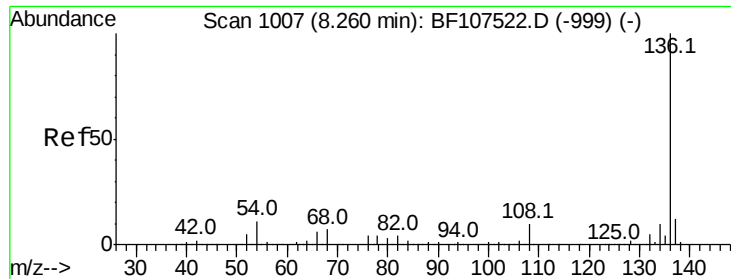
Delta R.T. 0.00 min

Lab File: BF107647.D

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Tgt Ion:	79	Resp:	33960
Ion Ratio	Lower	Upper	
79	100		
108	73.3	65.1	97.7
77	59.2	50.6	75.8





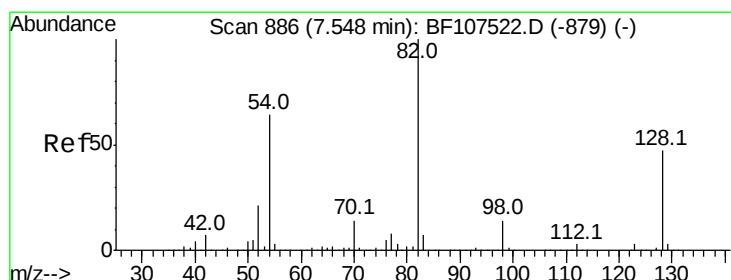
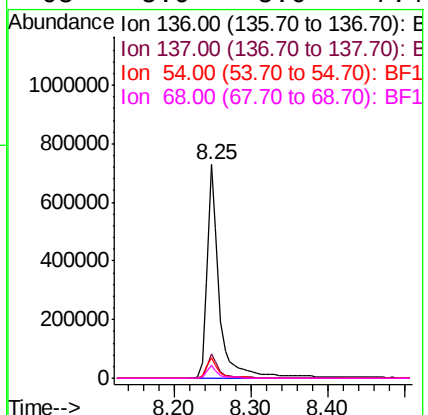
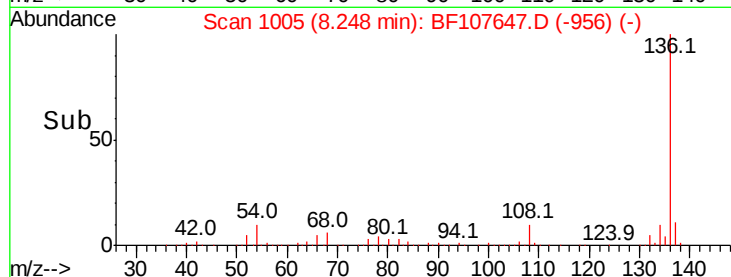
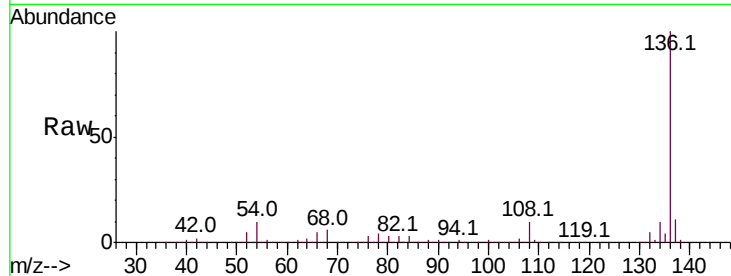
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Instrument :
BNA_F
ClientSampleId :
DW-6DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.8	6.6	9.8#
68	5.9	5.0	7.4

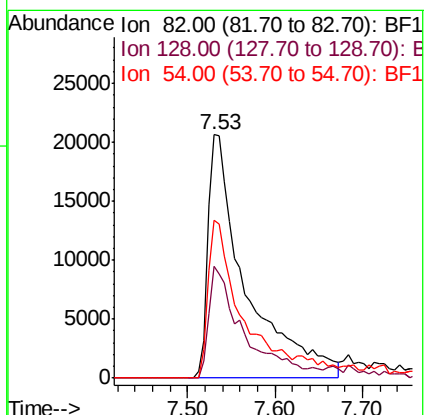
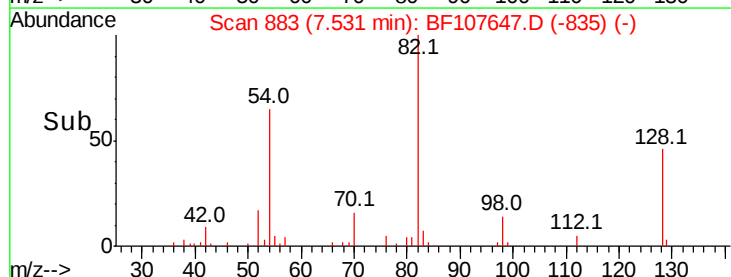
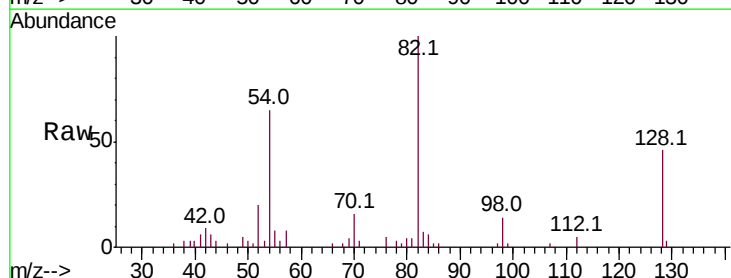
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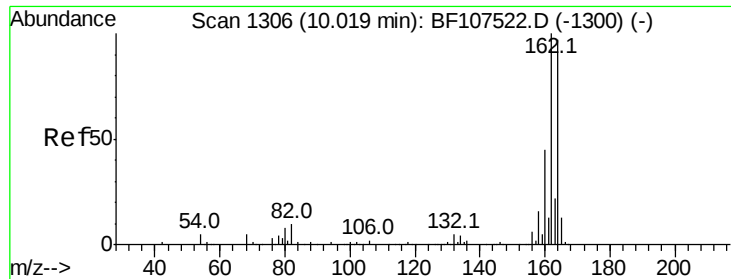
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#23
Nitrobenzene-d5
Concen: 5.174 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.7	36.1	54.1
54	64.7	41.4	62.2#





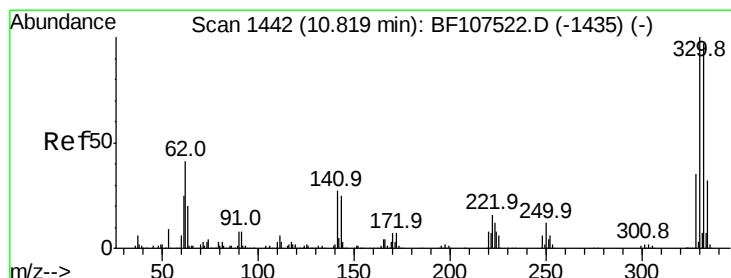
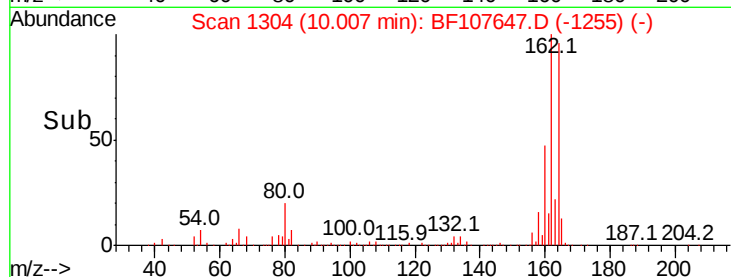
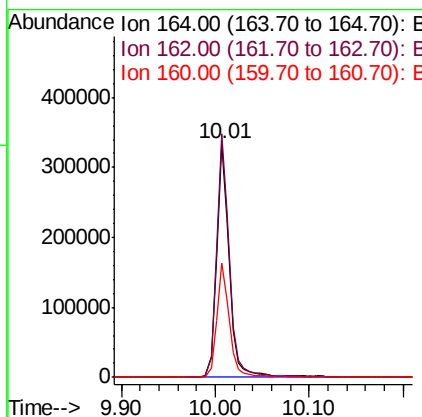
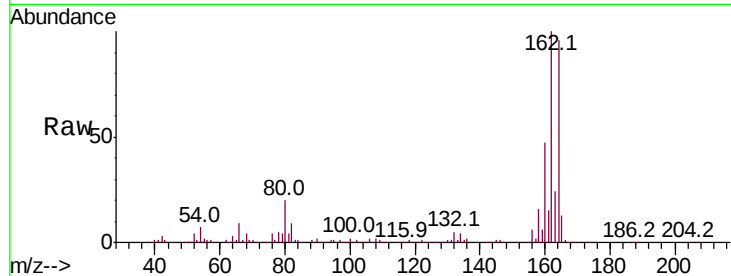
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Instrument :
BNA_F
ClientSampleId :
DW-6DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	86.1	129.1	
160	48.8	38.3	57.5	

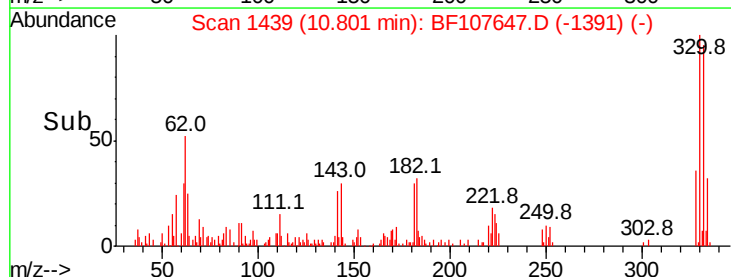
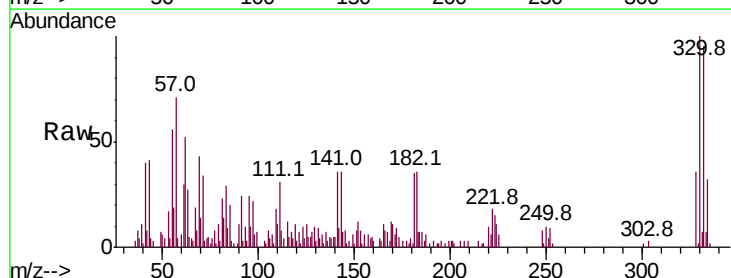
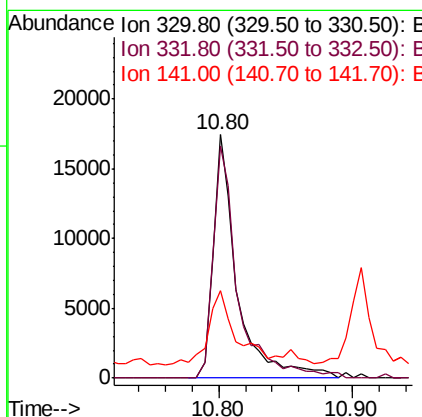
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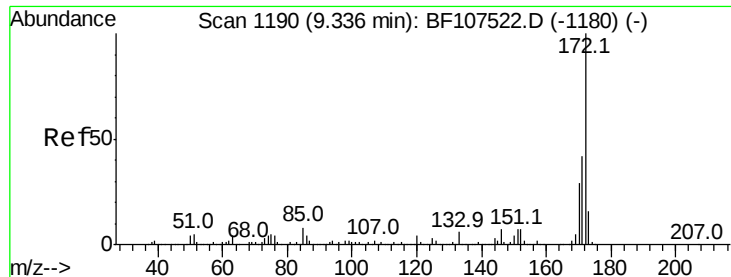
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#41
2,4,6-Tribromophenol
Concen: 5.964 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.2	77.0	115.6	
141	36.2	29.9	44.9	





#44

2-Fluorobiphenyl

Concen: 1.768 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BF107647.D

Acq: 25 Jul 2018 5:47

Instrument :

BNA_F

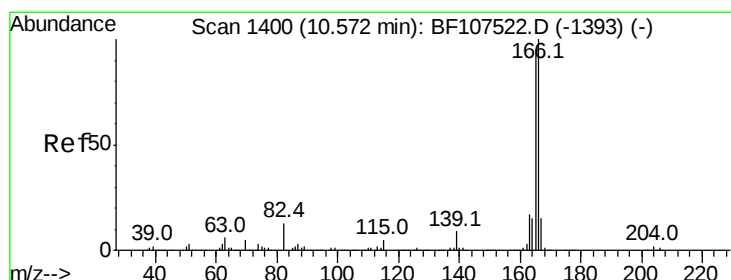
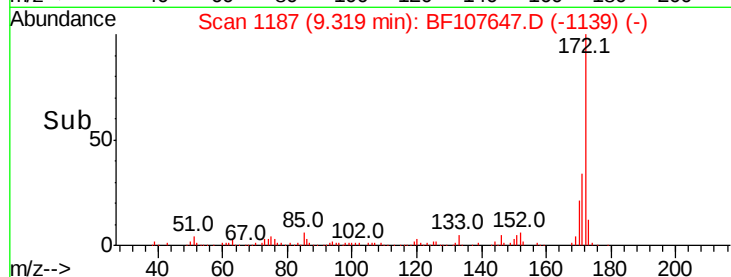
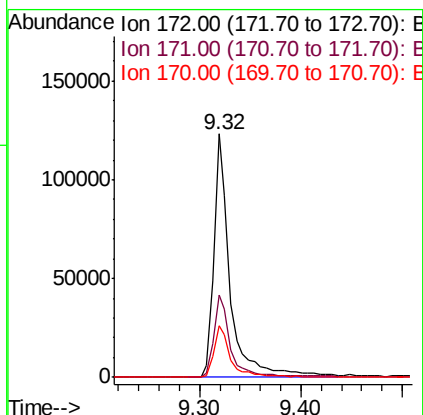
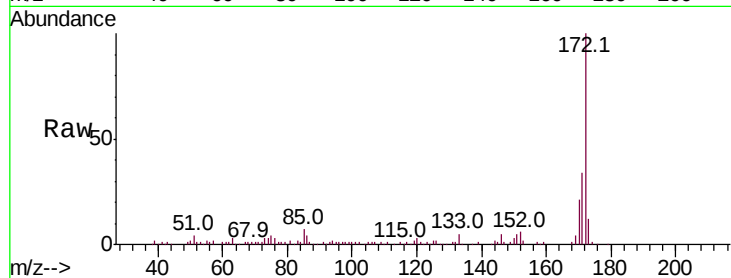
ClientSampleId :

DW-6DL

Tot Ion:	172	Resp:	138309
Ion Ratio	Lower	Upper	
172	100		
171	33.9	29.7	44.5
170	21.3	19.6	29.4

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#57

Fluorene

Concen: 2.820 ng

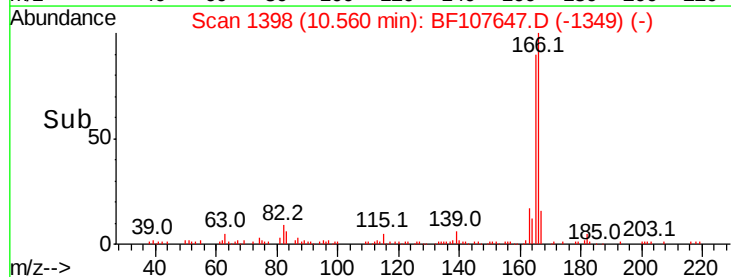
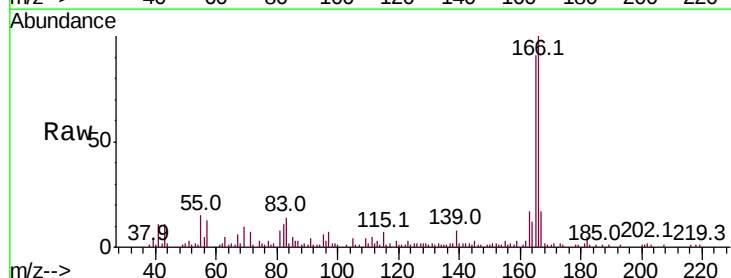
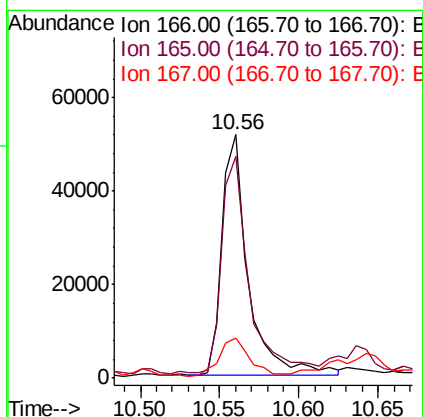
RT: 10.56 min Scan# 1398

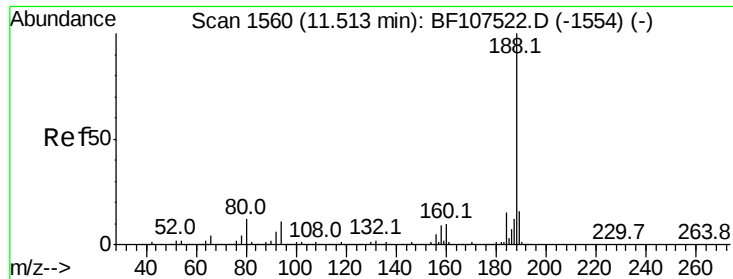
Delta R.T. -0.01 min

Lab File: BF107647.D

Acq: 25 Jul 2018 5:47

Tgt Ion:	166	Resp:	59687
Ion Ratio	Lower	Upper	
166	100		
165	90.9	79.8	119.8
167	16.6	10.6	16.0#





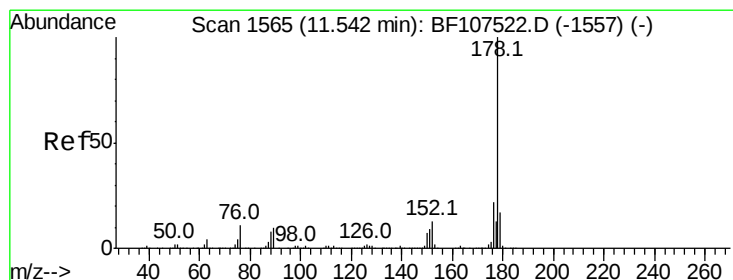
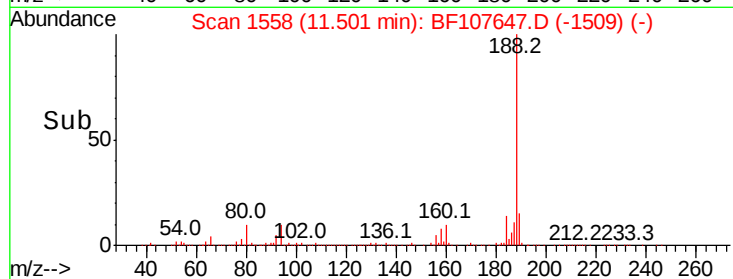
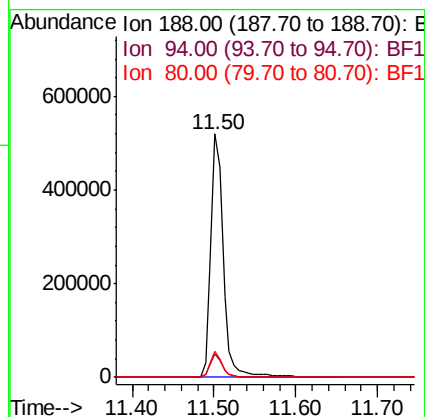
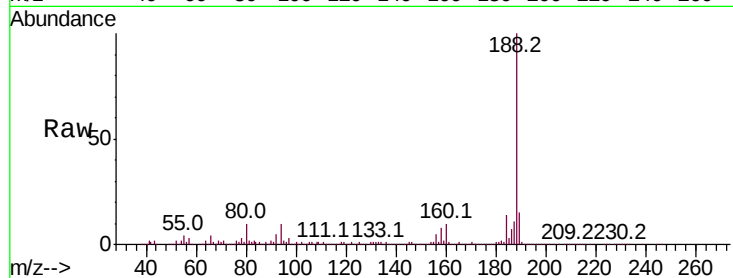
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Instrument :
BNA_F
ClientSampleId :
DW-6DL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.5	9.2	13.8

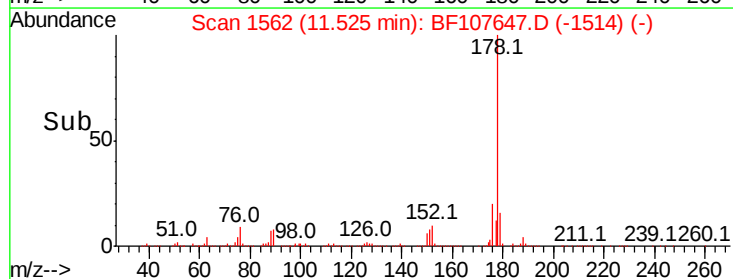
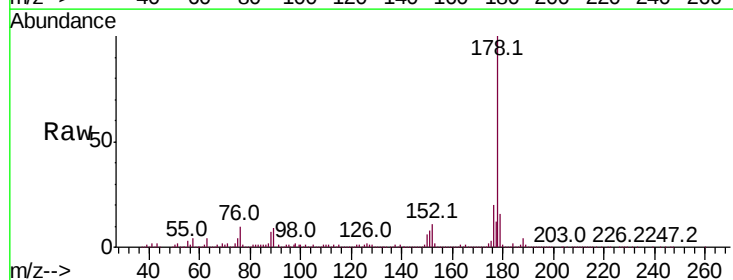
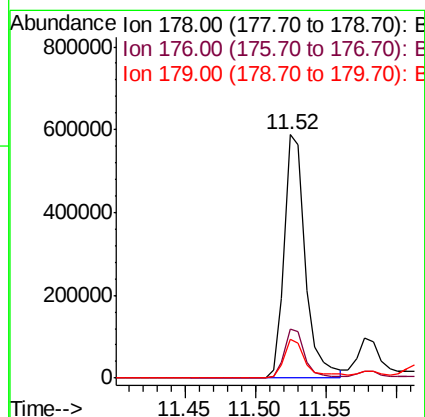
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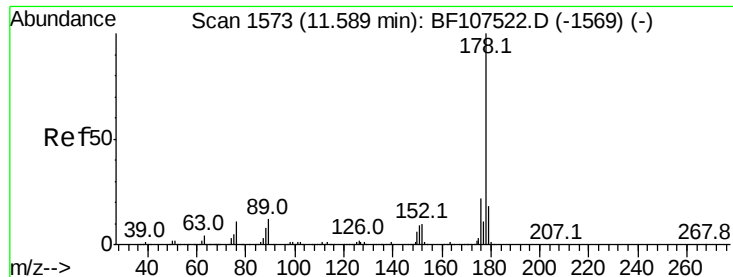
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#70
Phenanthrene
Concen: 22.593 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	13.0	19.6





#71

Anthracene

Concen: 5.491 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF107647.D

Acq: 25 Jul 2018 5:47

Instrument :

BNA_F

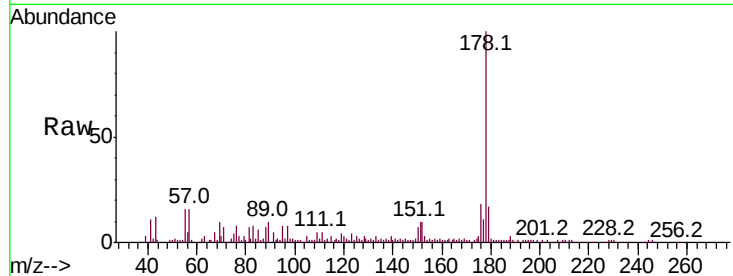
ClientSampled :

DW-6DL

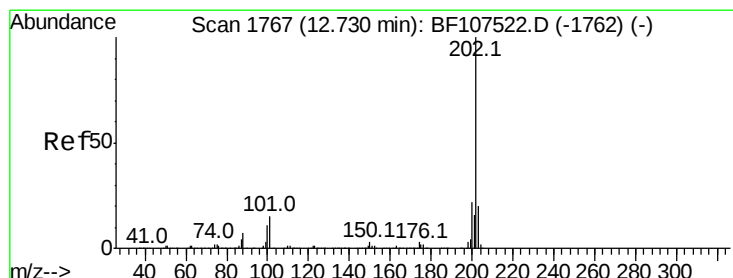
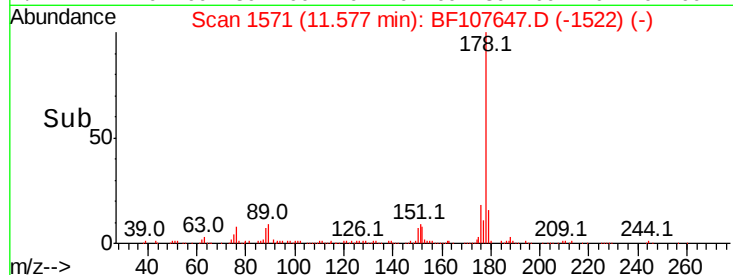
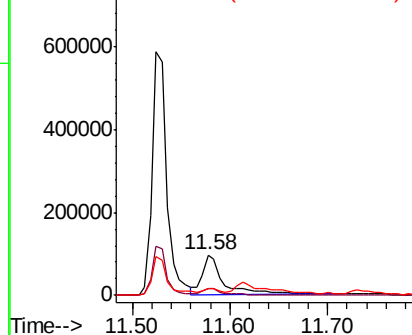
Tot Ion:	178	Resp:	149686
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.4	23.2
179	17.1	12.6	19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 39.920 ng

RT: 12.72 min Scan# 1766

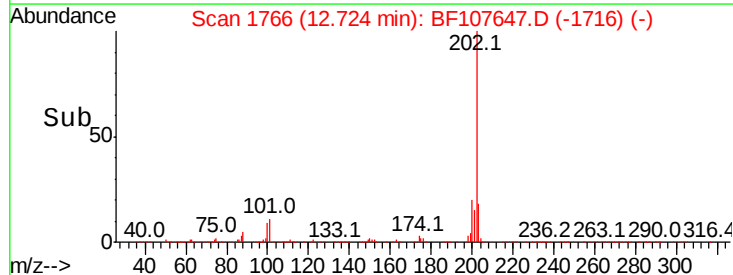
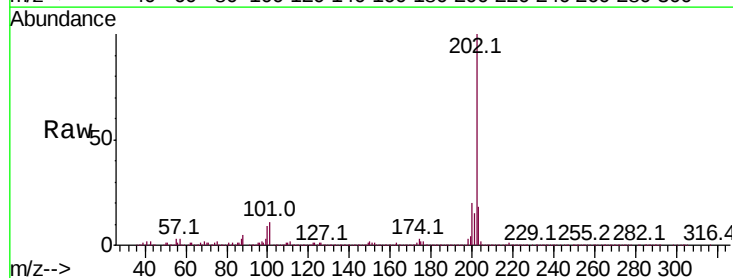
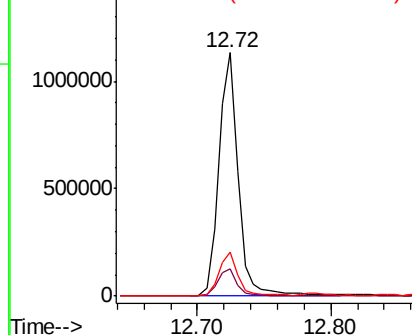
Delta R.T. -0.01 min

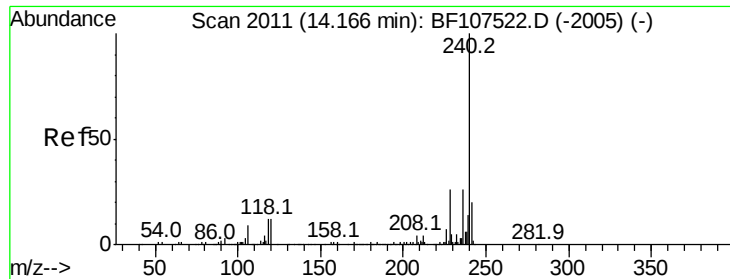
Lab File: BF107647.D

Acq: 25 Jul 2018 5:47

Tgt Ion:	202	Resp:	1159868
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	18.0	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





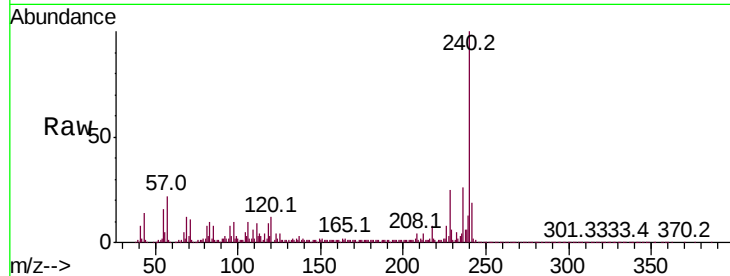
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF107647.D
 Acq: 25 Jul 2018 5:47

Instrument :
 BNA_F
 ClientSampleID :
 DW-6DL

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.2	20.7	31.1

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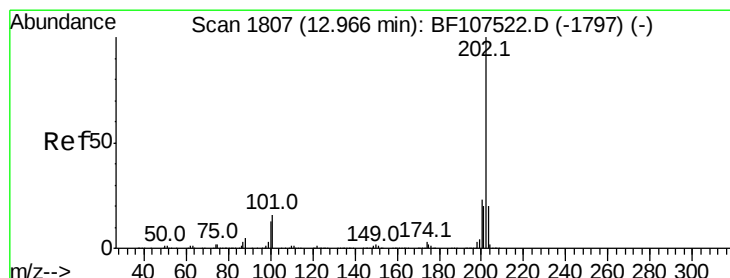
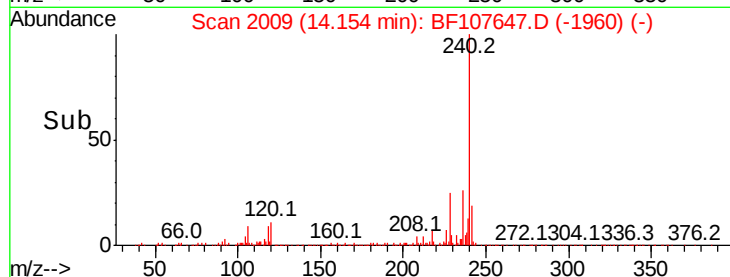
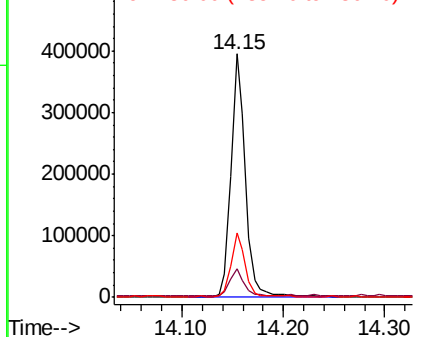


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
 Pyrene
 Concen: 32.878 ng
 RT: 12.95 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF107647.D
 Acq: 25 Jul 2018 5:47

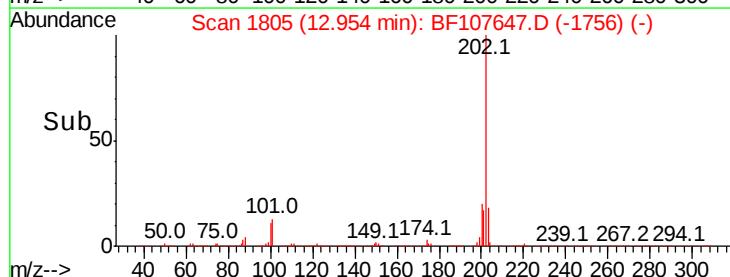
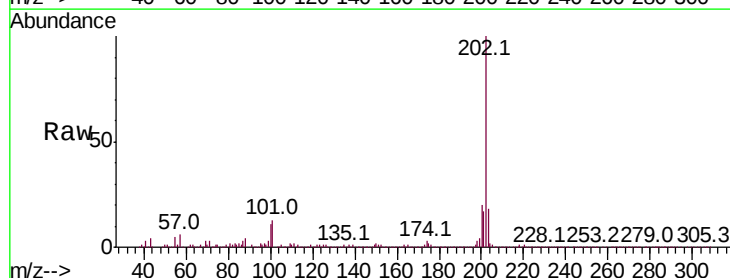
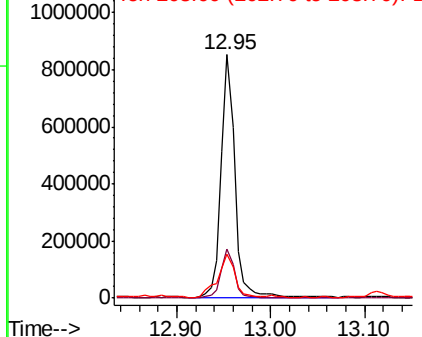
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	17.4	26.2
203	18.2	14.3	21.5

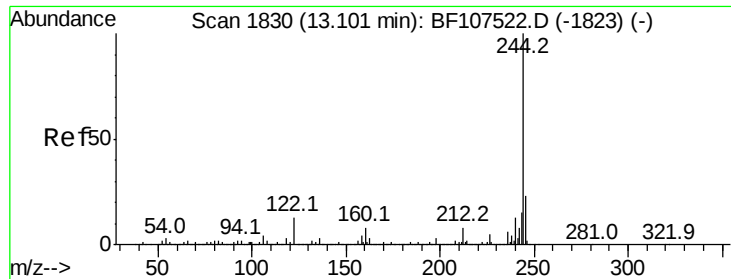
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





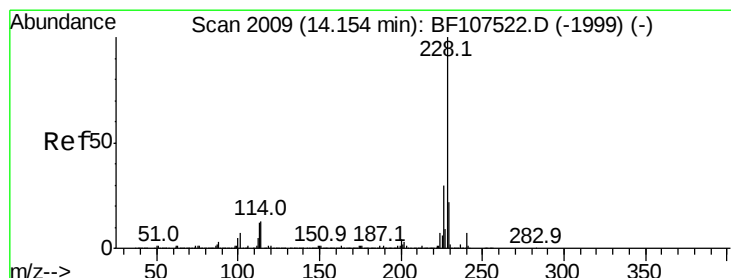
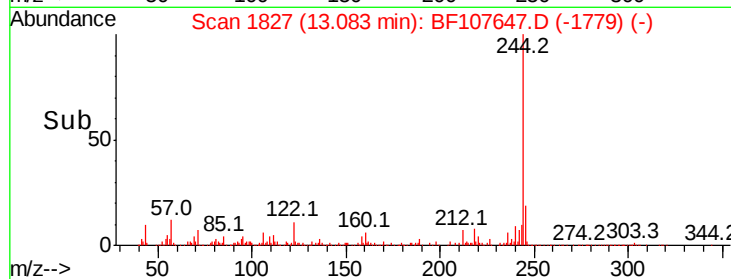
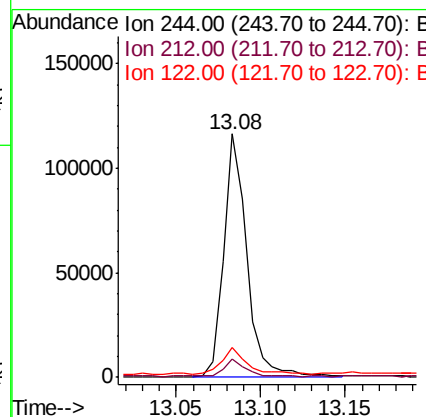
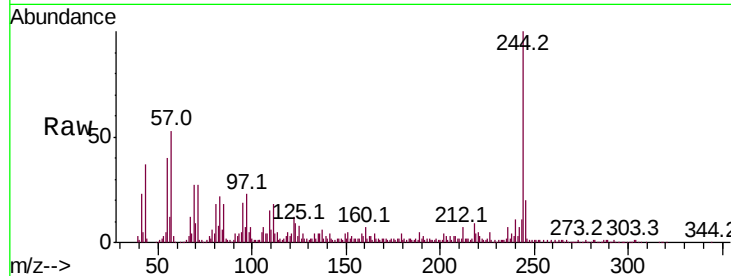
#78
 Terphenyl-d14
 Concen: 7.403 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107647.D
 Acq: 25 Jul 2018 5:47

Instrument :
 BNA_F
 ClientSampleId :
 DW-6DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.1	11.0	16.4

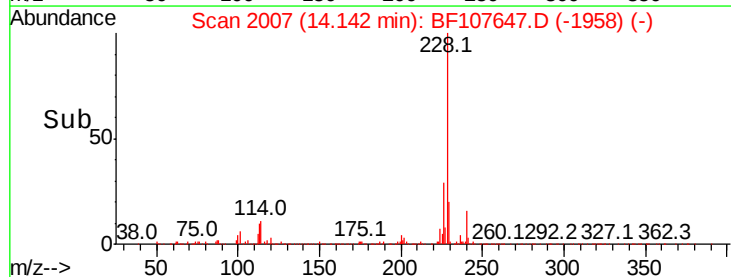
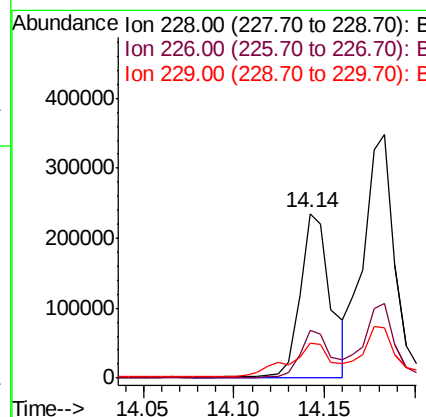
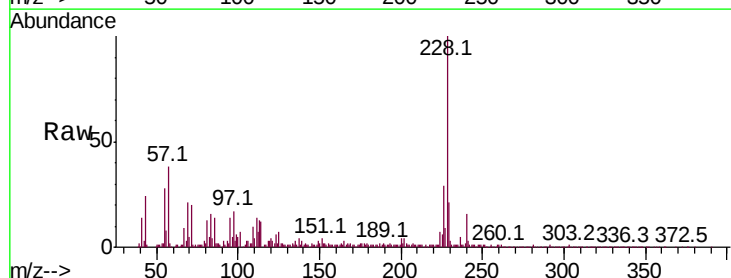
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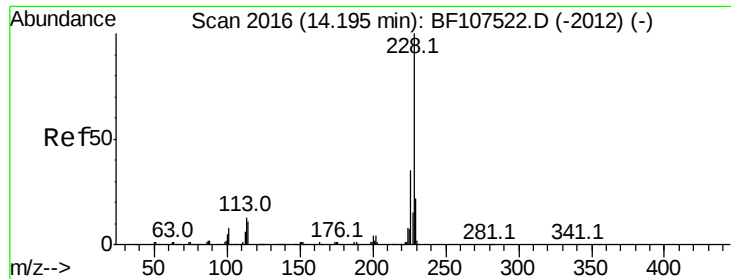
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#80
 Benzo(a)anthracene
 Concen: 12.206 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF107647.D
 Acq: 25 Jul 2018 5:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.3	15.8	23.6





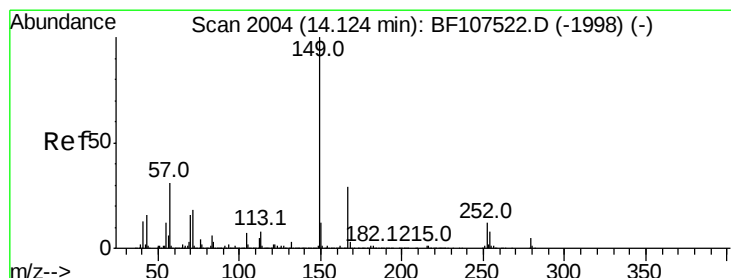
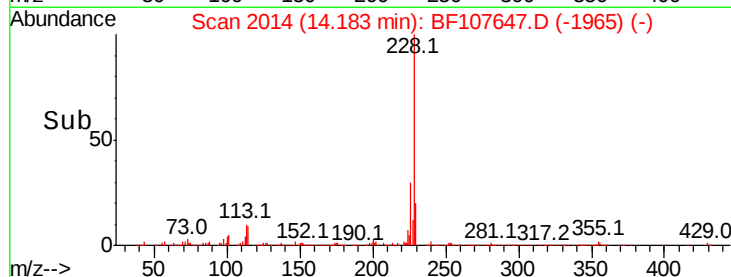
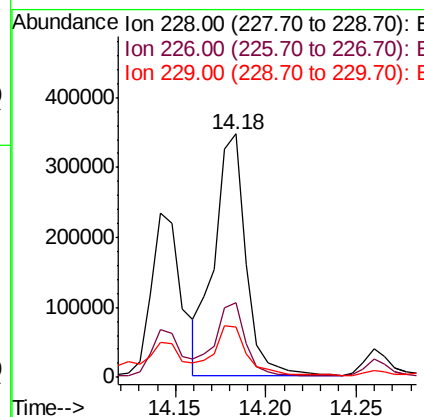
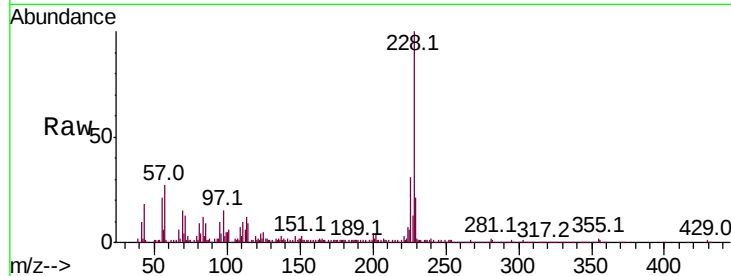
#82
Chrysene
Concen: 19.310 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Instrument :
BNA_F
ClientSampleId :
DW-6DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.7	16.2	24.4

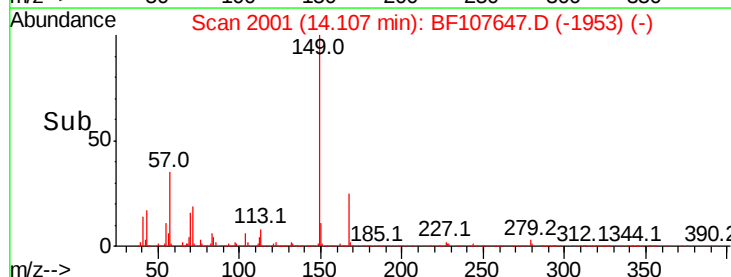
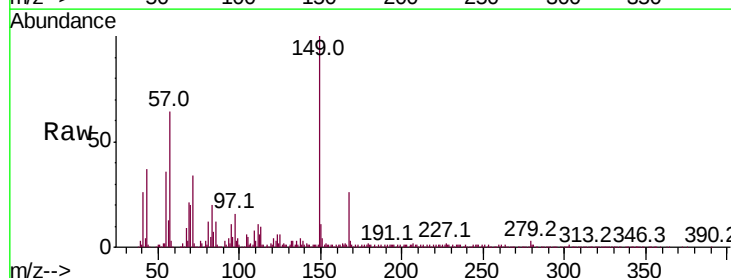
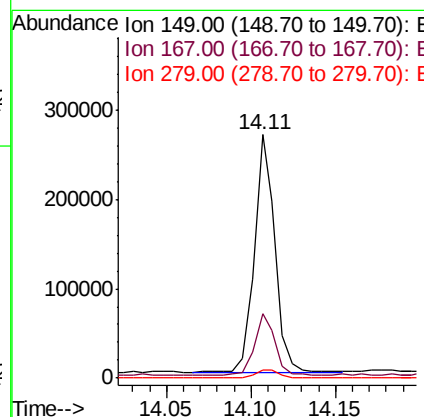
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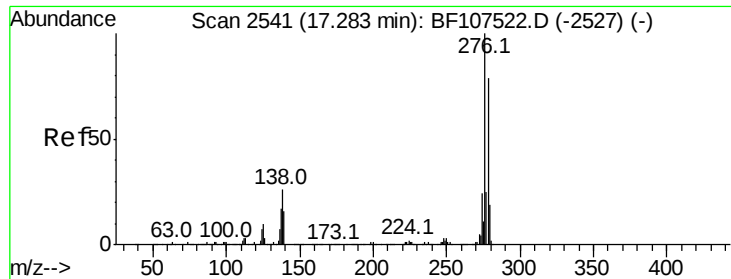
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#83
Bis(2-ethylhexyl)phthalate
Concen: 13.973 ng
RT: 14.11 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4





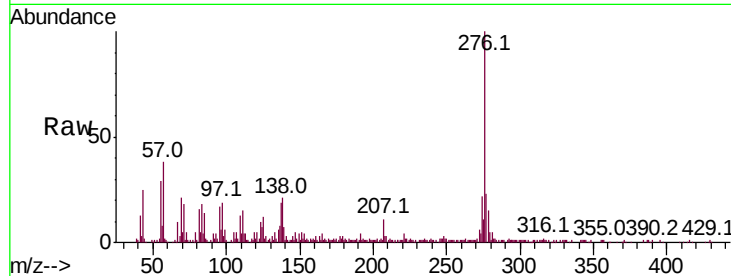
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.803 ng/ml
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Instrument :
BNA_F
ClientSampleID :
DW-6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.8	25.0	37.6#
277	4.6	20.1	30.1#

Manual Integrations
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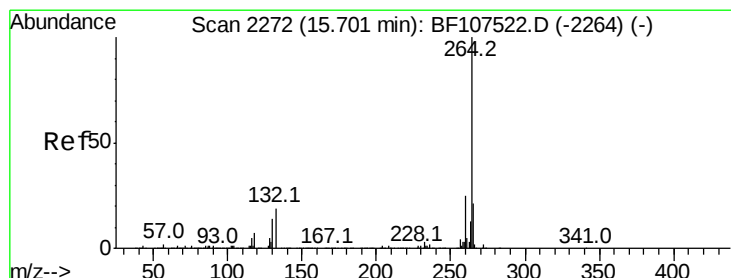
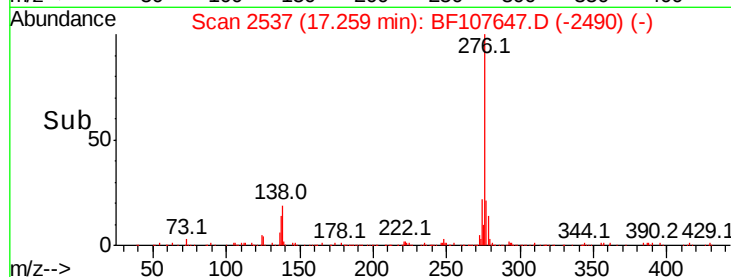
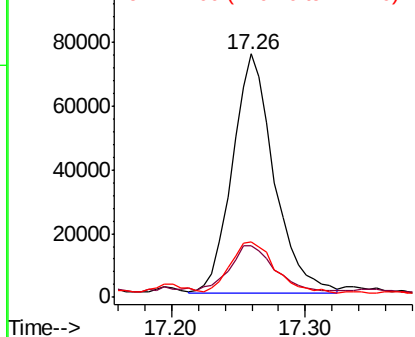


Abundance

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: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

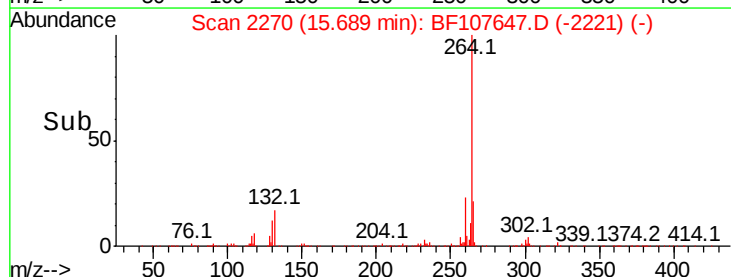
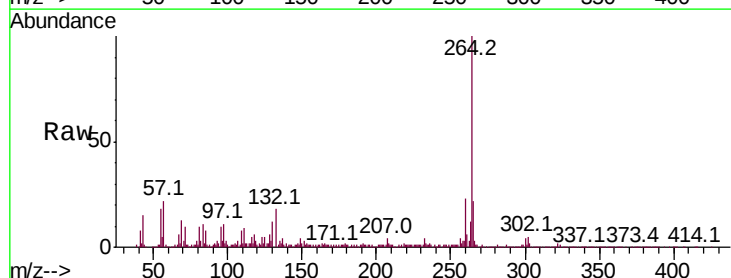
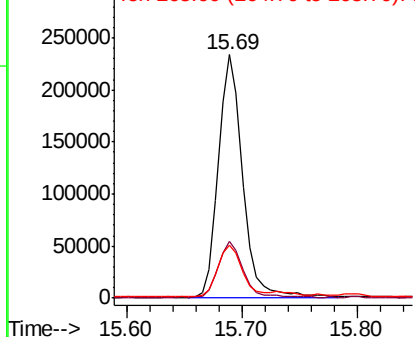
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3

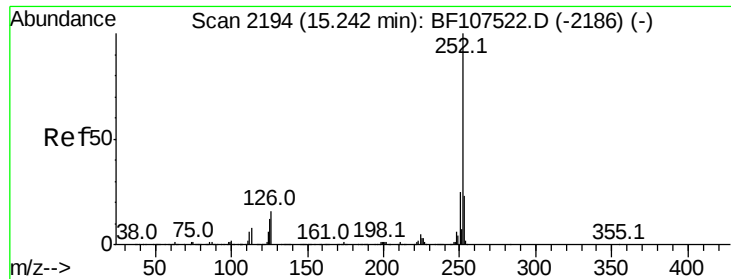
Abundance

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: 24.888 ng m

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF107647.D

Acq: 25 Jul 2018 5:47

Instrument :

BNA_F

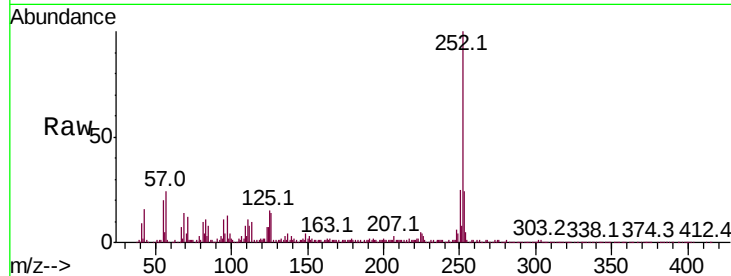
ClientSampled :

DW-6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	15.3	9.0	13.6

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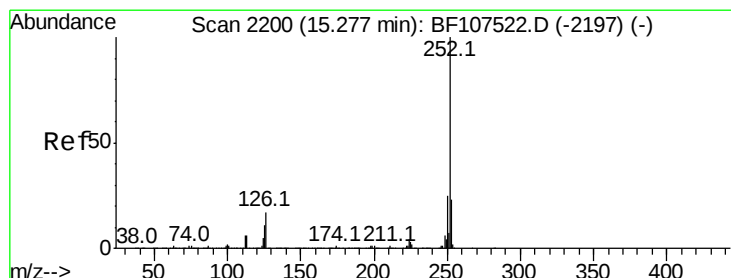
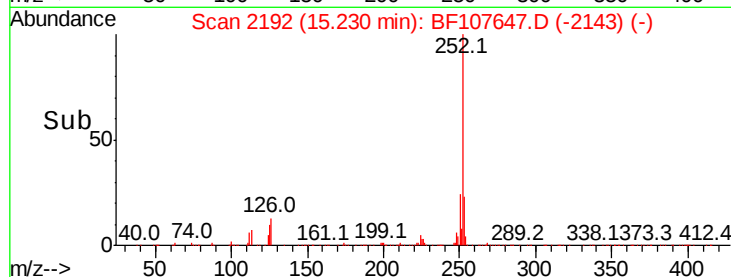
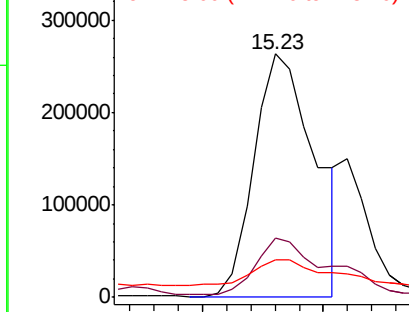


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 7.309 ng m

RT: 15.26 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF107647.D

Acq: 25 Jul 2018 5:47

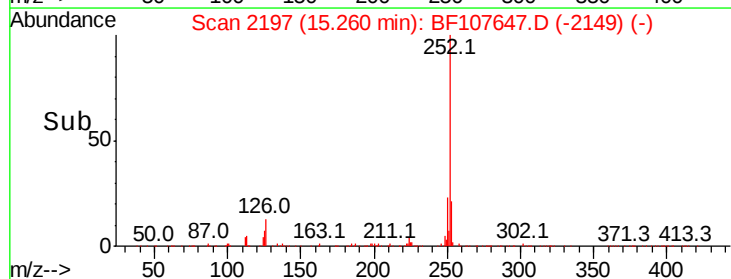
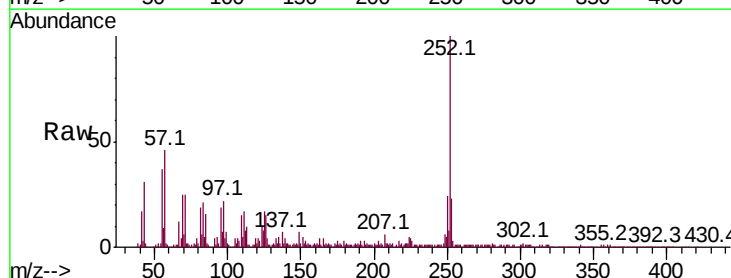
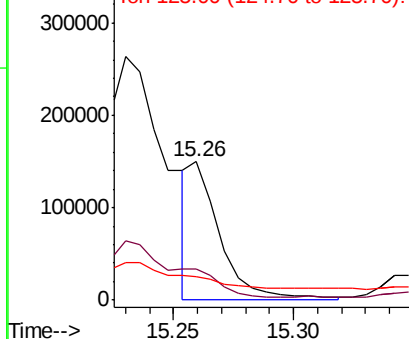
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	16.7	10.2	15.2

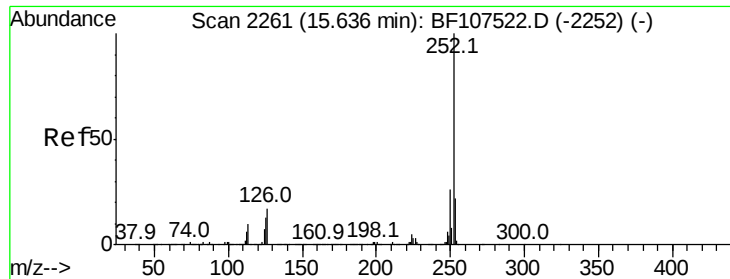
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





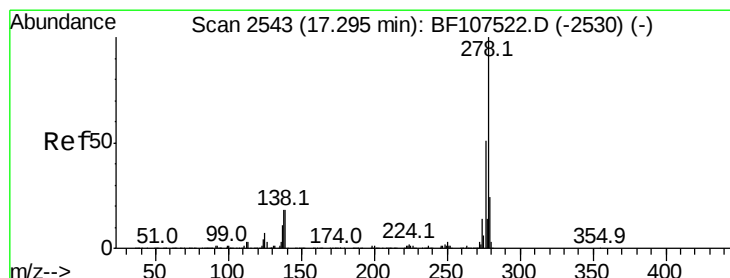
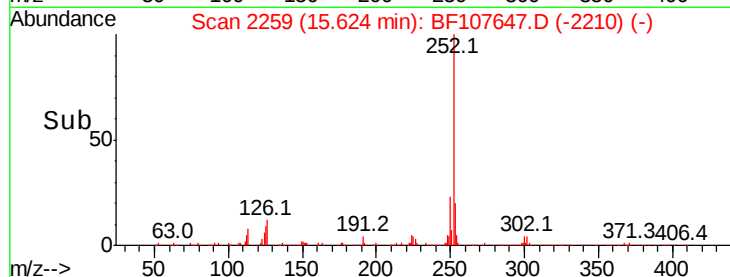
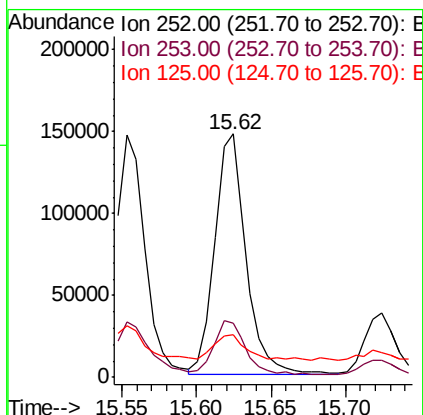
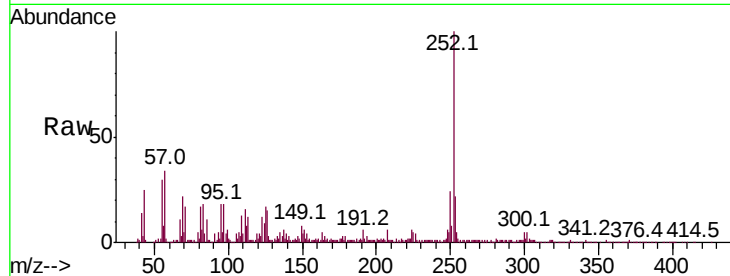
#89
Benzo(a)pyrene
Concen: 12.876 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Instrument :
BNA_F
ClientSampleId :
DW-6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	17.4	9.8	14.6

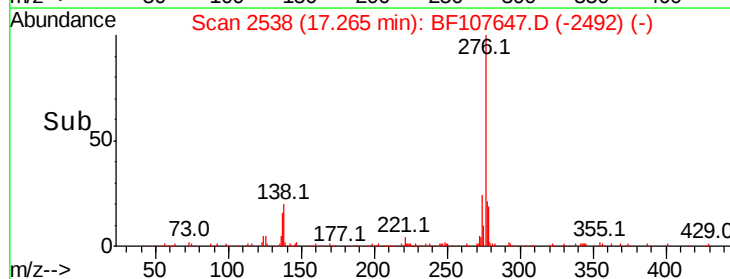
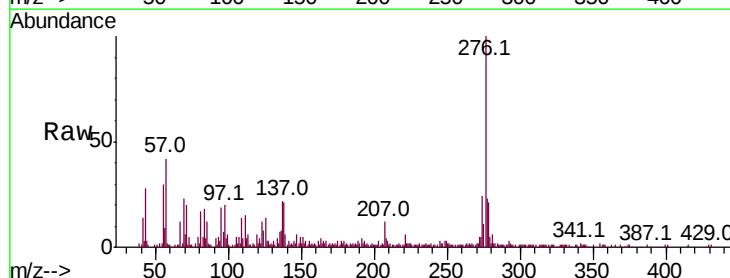
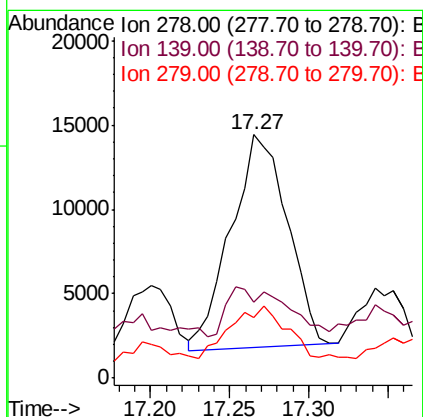
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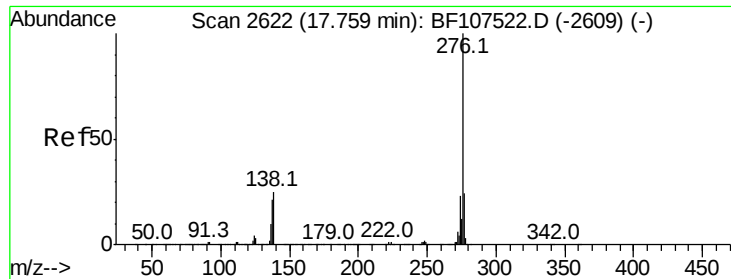
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 2.135 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.03 min
Lab File: BF107647.D
Acq: 25 Jul 2018 5:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.9	15.9	23.9
279	25.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 10.666 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BF107647.D
 Acq: 25 Jul 2018 5:47

Instrument :
 BNA_F
 ClientSampleId :
 DW-6DL

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.0	21.8	32.8

Manual Integrations
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