

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107622.D
 Acq On : 24 Jul 2018 16:44
 Operator : JU/SJ
 Sample : J4096-07 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-9

Manual Integrations
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Sohil
 7/25/2018 12:58:20 PM

Quant Time: Jul 25 03:32:07 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	248519	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	973021	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	393776	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	698824	20.00	ng	0.00
75) Chrysene-d12	14.16	240	522364	20.00	ng	0.00
86) Perylene-d12	15.69	264	449360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	581001	37.59	ng	0.00
7) Phenol-d6	6.60	99	743349	40.05	ng	-0.01
23) Nitrobenzene-d5	7.53	82	430204	29.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	151272	33.78	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	657002	21.22	ng	-0.02
78) Terphenyl-d14	13.08	244	472851	23.17	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	66727	2.248	ng	99
70) Phenanthrene	11.53	178	830936	24.401	ng	99
71) Anthracene	11.58	178	84092	2.453	ng	95
72) Carbazole	11.74	167	149954	4.206	ng	99
74) Fluoranthene	12.72	202	1840843	50.376	ng	97
77) Pyrene	12.95	202	1484559	41.549	ng	97
80) Benzo(a)anthracene	14.15	228	636711	20.800	ng	97
82) Chrysene	14.18	228	803666	27.331	ng	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	722233	33.311	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	350923	14.081	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	901165m	36.643	ng	
88) Benzo(k)fluoranthene	15.26	252	324717m	13.477	ng	
89) Benzo(a)pyrene	15.63	252	534675	23.768	ng	98
90) Dibenzo(a,h)anthracene	17.28	278	74534	3.833	ng	# 82
91) Benzo(a,h,i)perylene	17.75	276	349112	18.201	ng	# 93

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

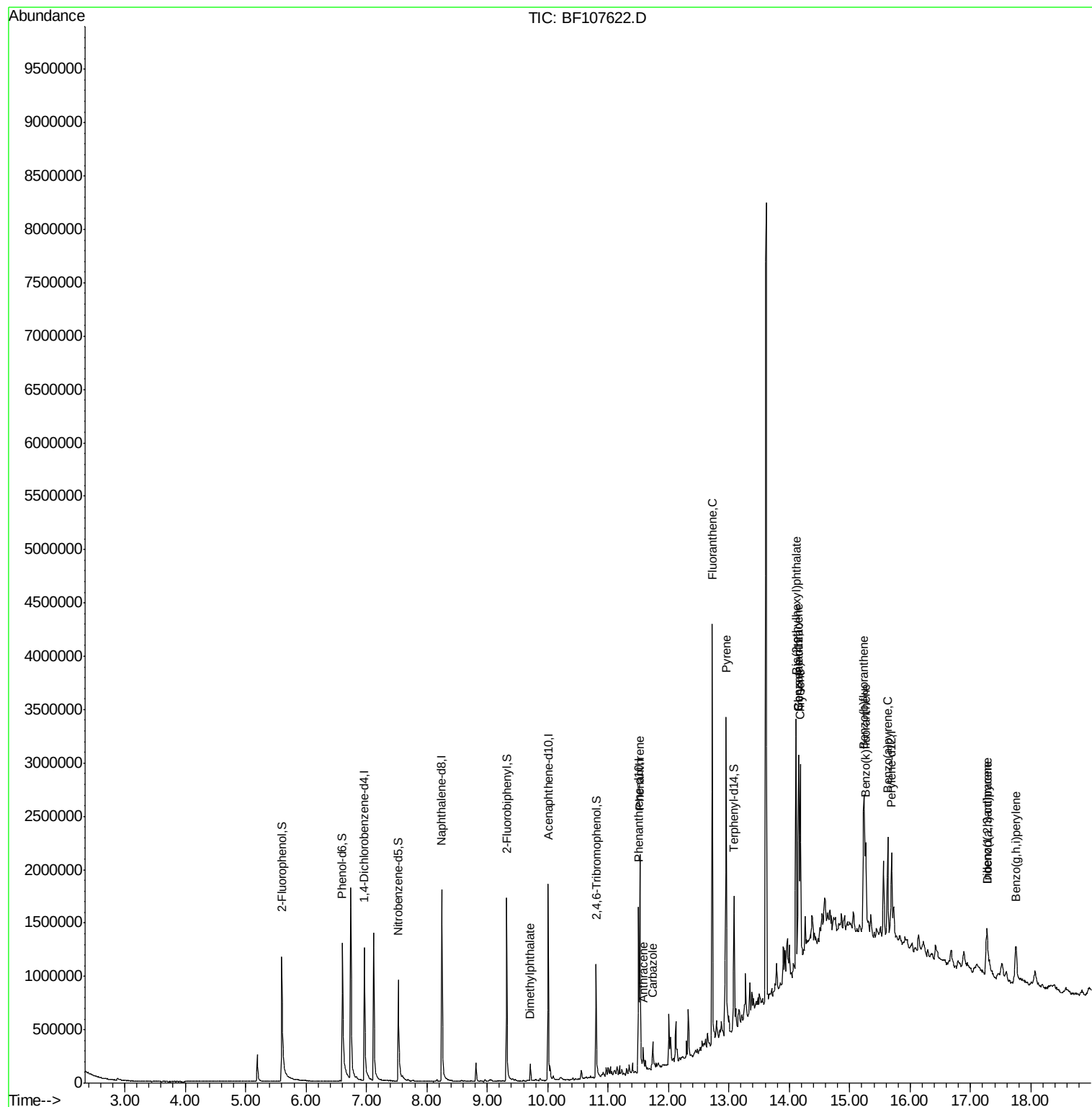
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107622.D
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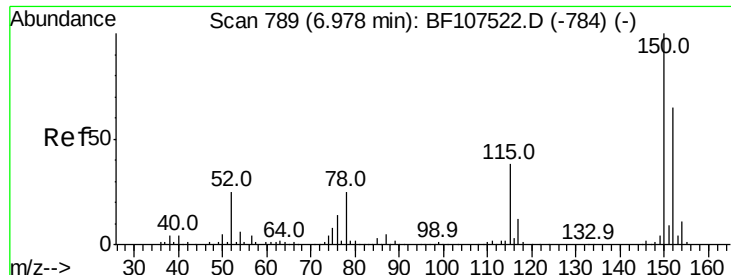
Instrument :
BNA_F
ClientSampled :
DW-9

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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

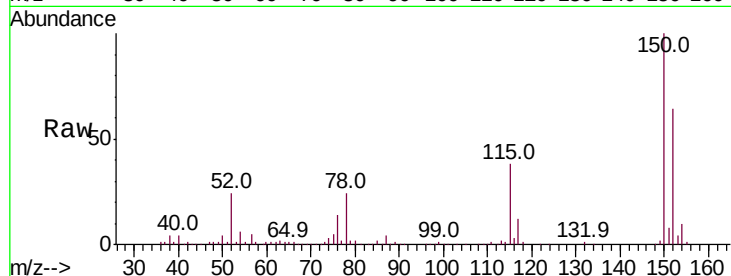
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	59.4	50.1	75.1

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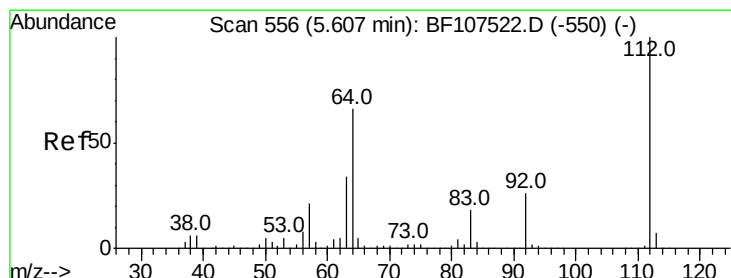
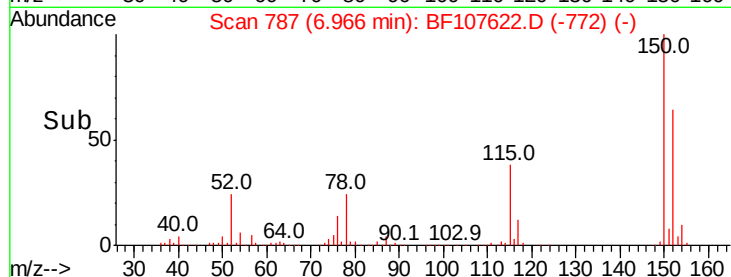
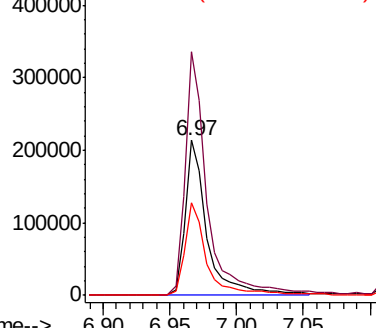


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

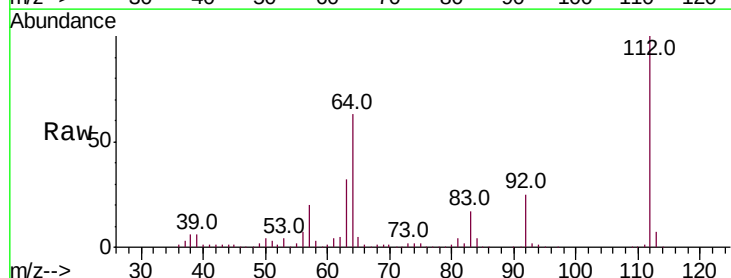
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.588 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	32.3	23.7	35.5

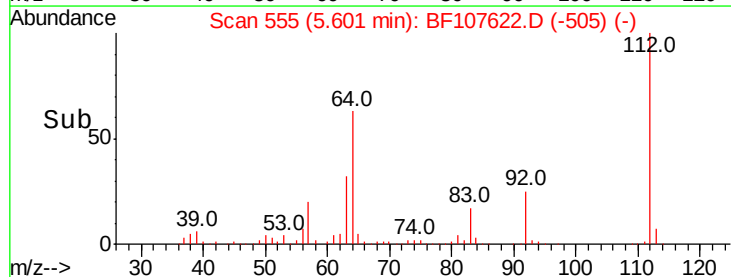
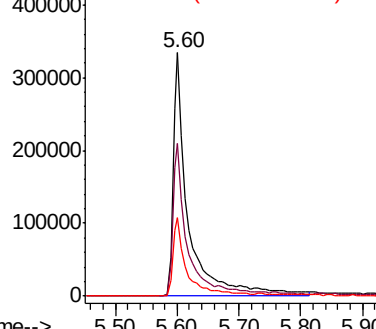


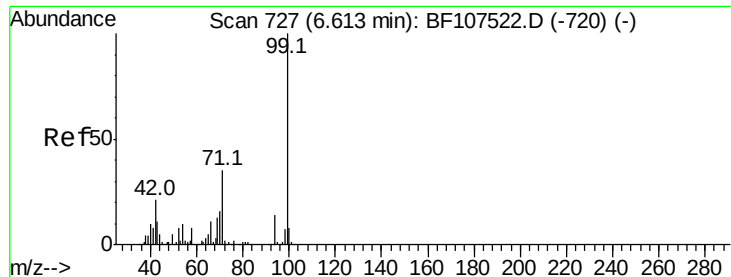
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 40.052 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107622.D

Acq: 24 Jul 2018 16:44

Instrument :

BNA_F

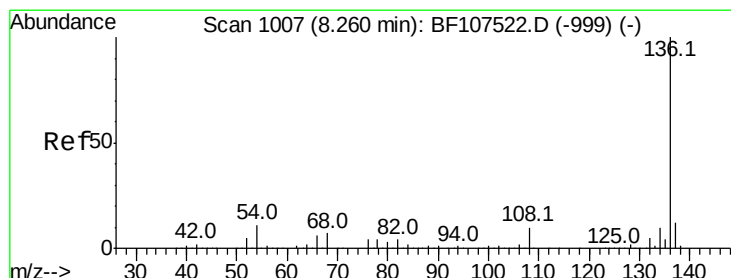
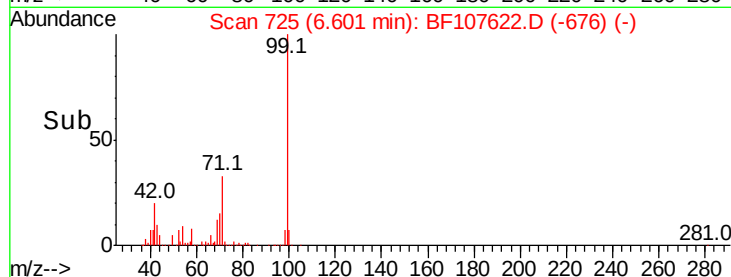
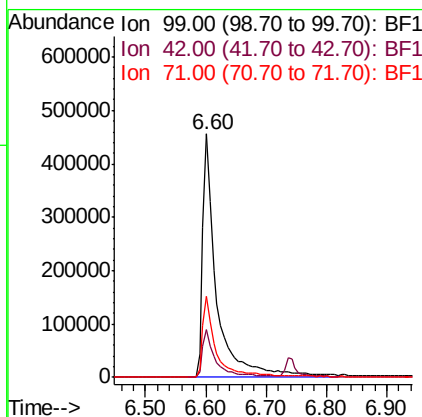
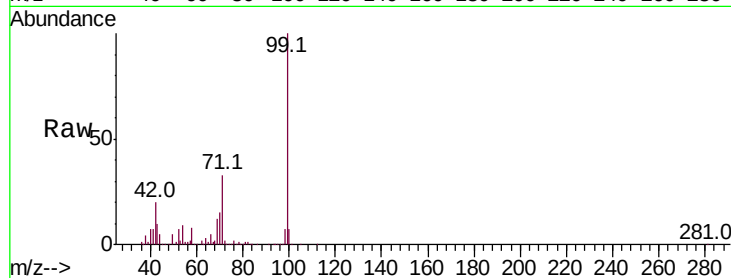
ClientSampleId :

DW-9

Tot Ion:	99	Resp:	743349
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	33.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

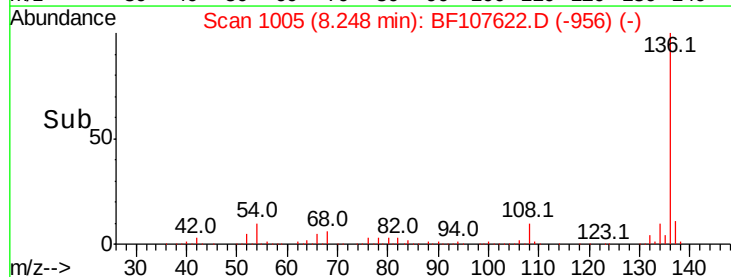
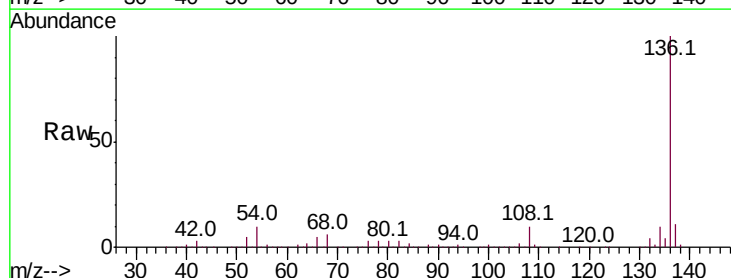
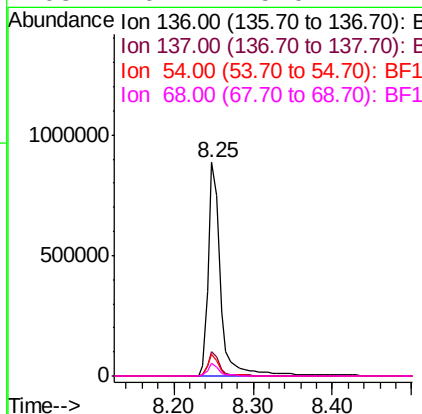
RT: 8.25 min Scan# 1005

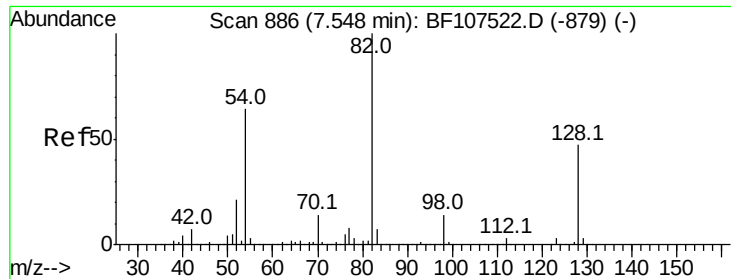
Delta R.T. -0.01 min

Lab File: BF107622.D

Acq: 24 Jul 2018 16:44

Tgt Ion:	136	Resp:	973021
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	9.9	6.6	9.8
68	6.1	5.0	7.4





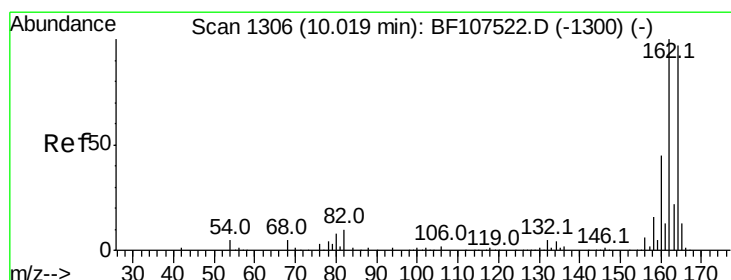
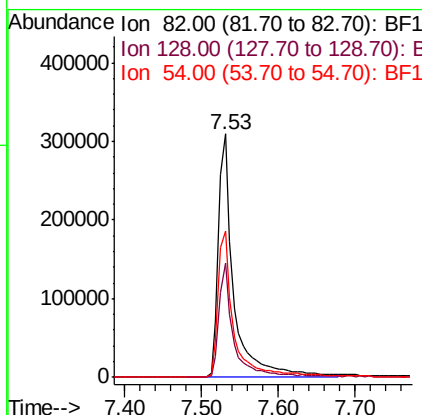
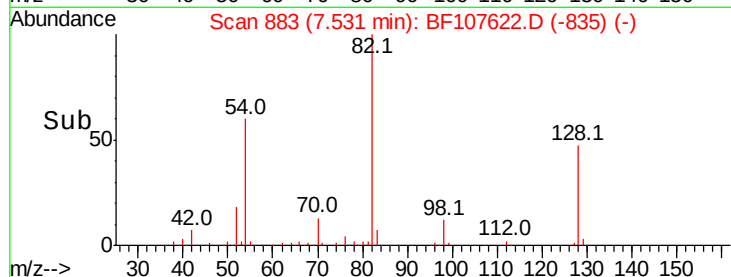
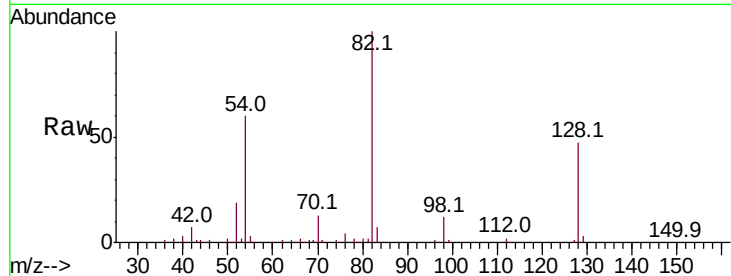
#23
 Nitrobenzene-d5
 Concen: 29.838 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Instrument :
 BNA_F
 ClientSampled :
 DW-9

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	60.2	41.4	62.2

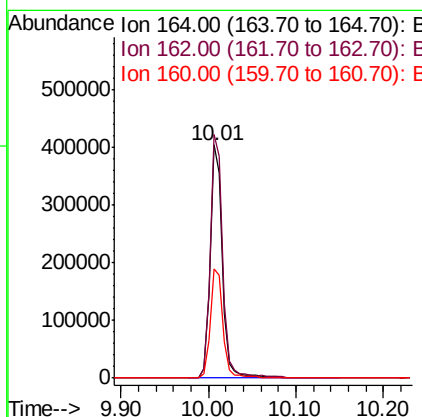
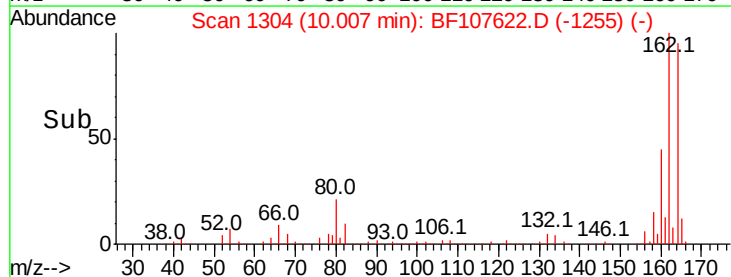
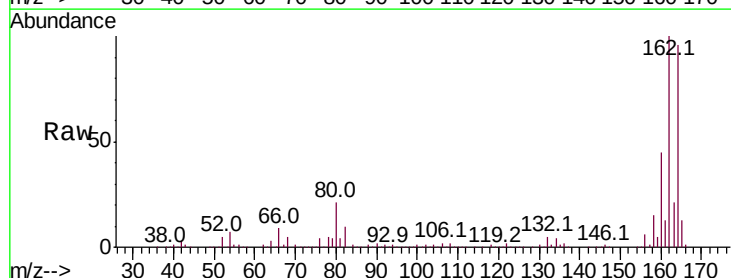
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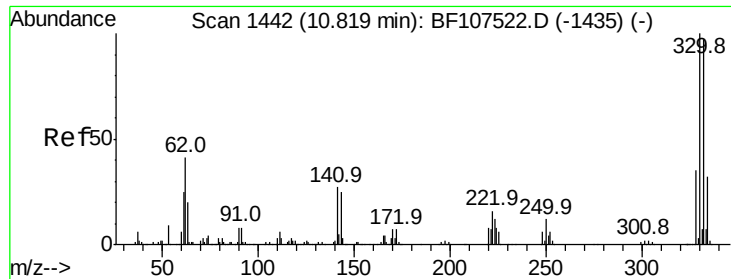
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.9	38.3	57.5





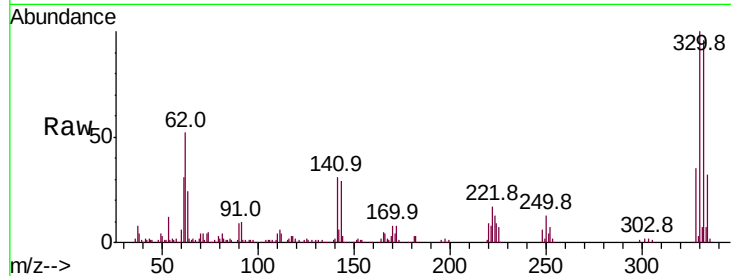
#41
 2,4,6-Tribromophenol
 Concen: 33.782 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Instrument :
 BNA_F
 ClientSampleId :
 DW-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	30.8	29.9	44.9

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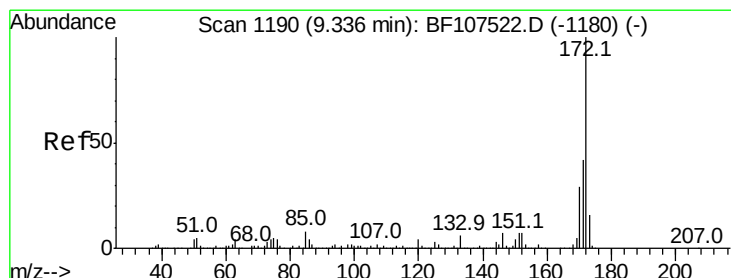
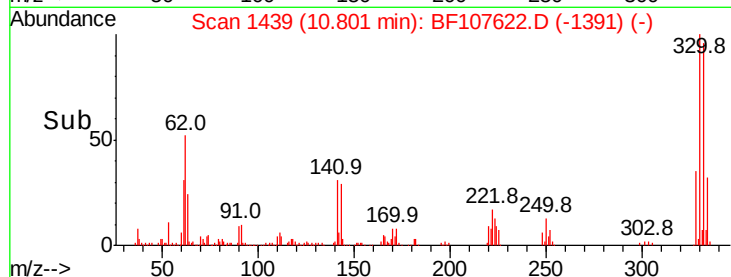
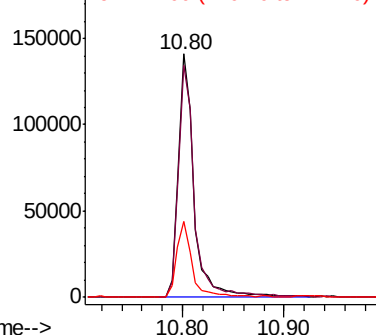


Abundance

Ion 329.80 (329.50 to 330.50): E

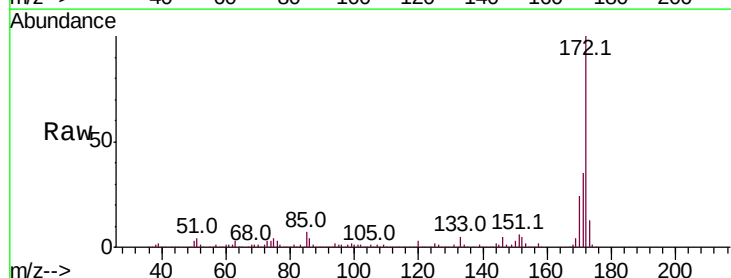
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 21.215 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4

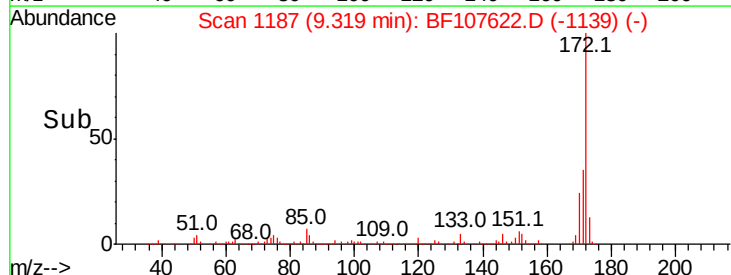
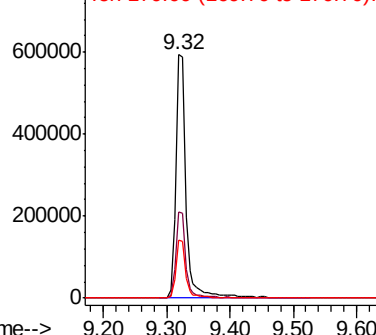


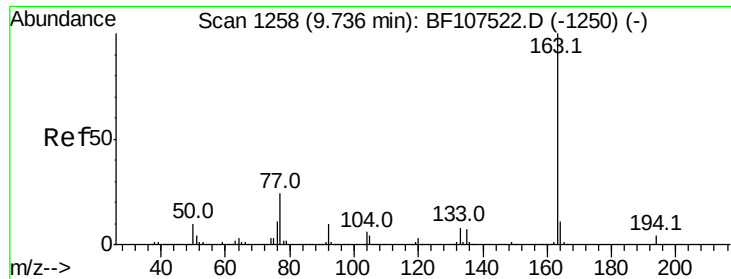
Abundance

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





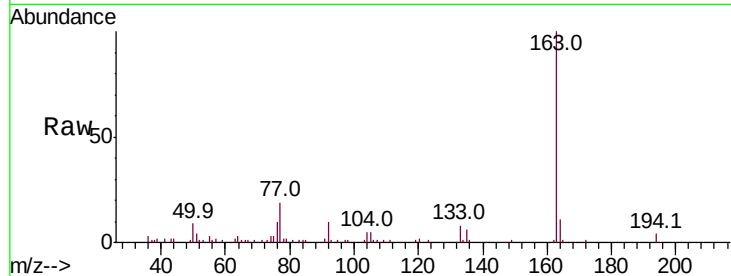
#49
Dimethylphthalate
Concen: 2.248 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Instrument :
BNA_F
ClientSampleId :
DW-9

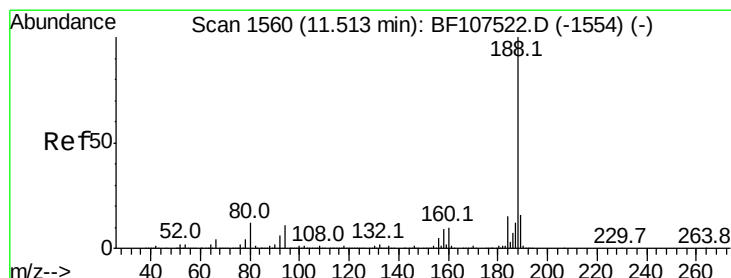
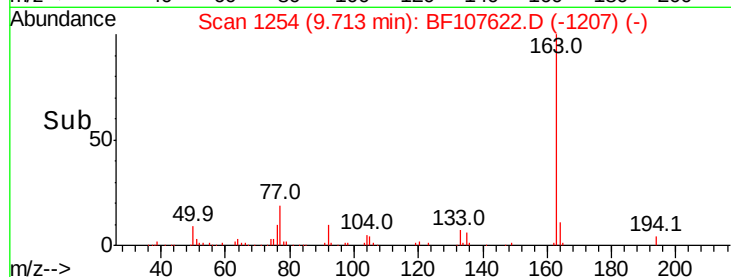
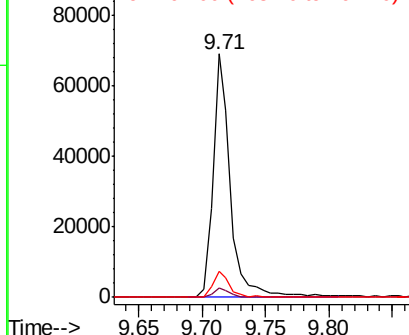
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2

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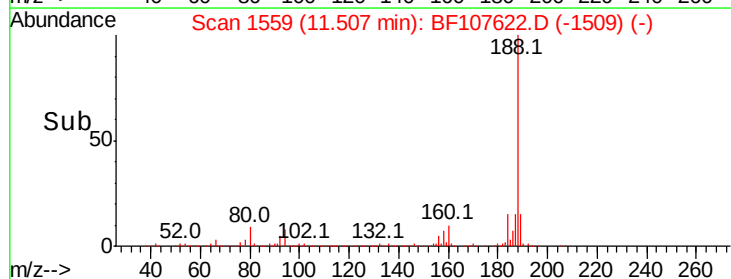
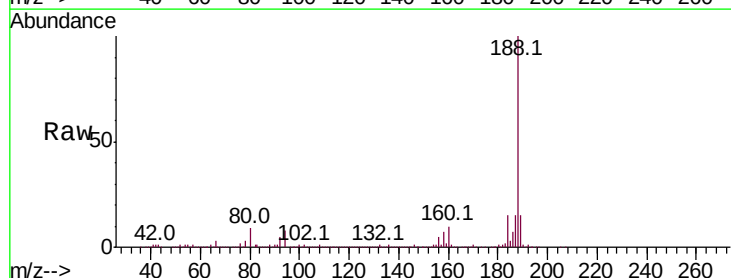
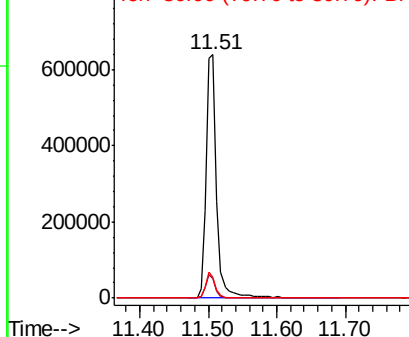
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

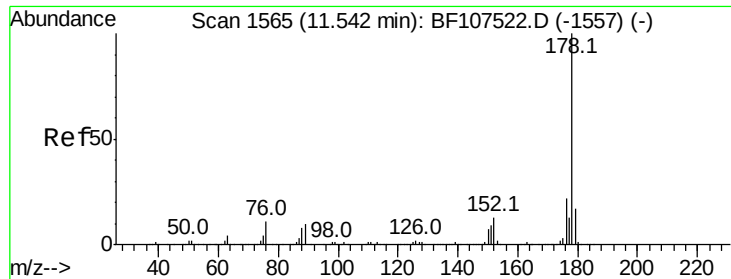


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.7	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





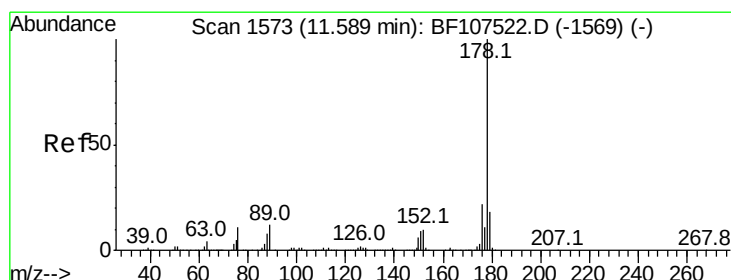
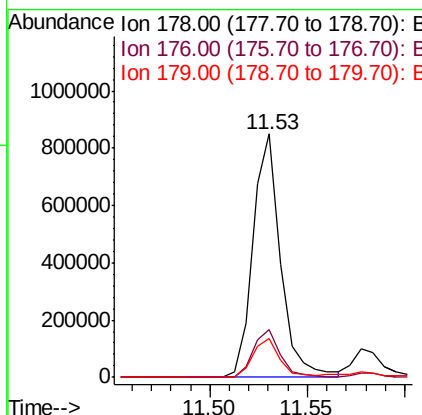
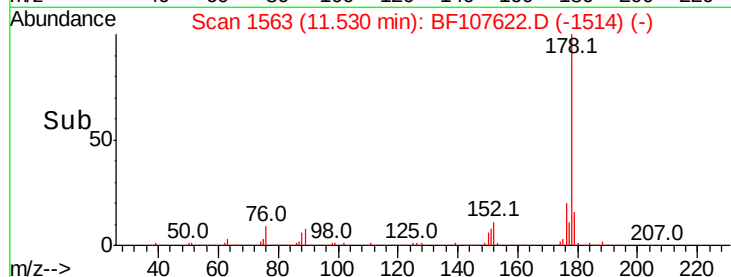
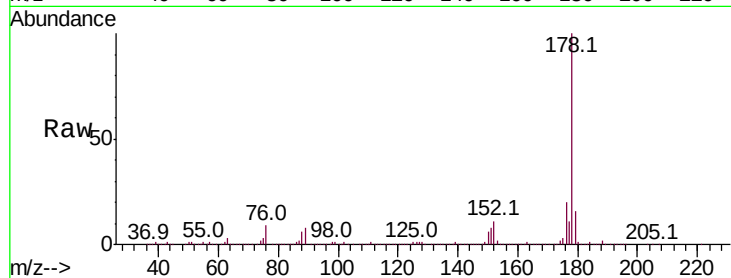
#70
Phenanthrene
Concen: 24.401 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Instrument :
BNA_F
ClientSampleId :
DW-9

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	13.0	19.6

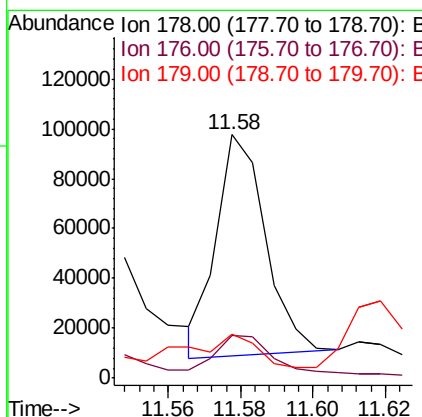
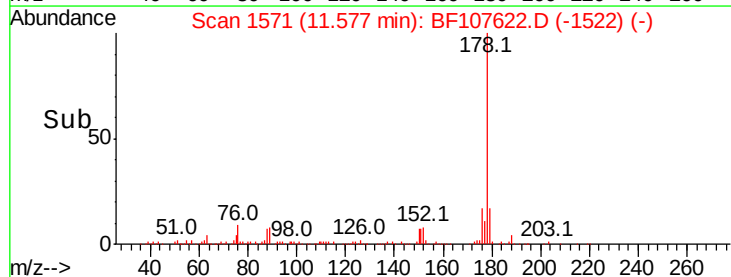
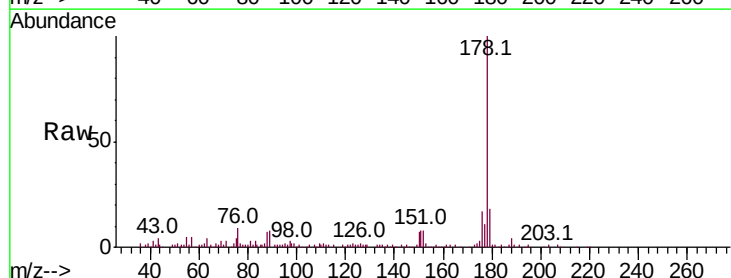
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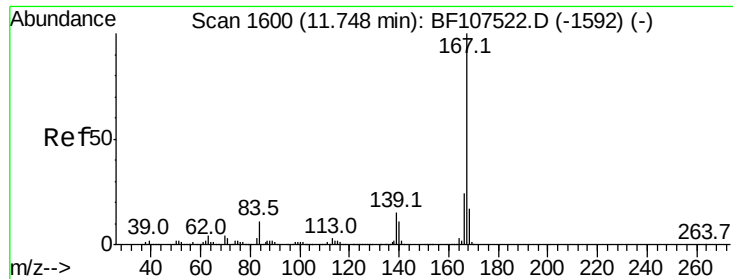
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#71
Anthracene
Concen: 2.453 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.2
179	17.8	12.6	19.0





#72

Carbazole

Concen: 4.206 ng

RT: 11.74 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF107622.D

Acq: 24 Jul 2018 16:44

Instrument :

BNA_F

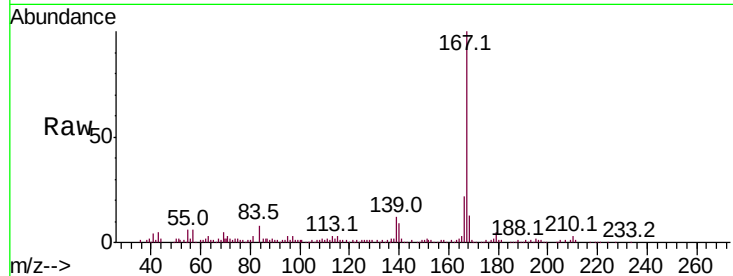
ClientSampled :

DW-9

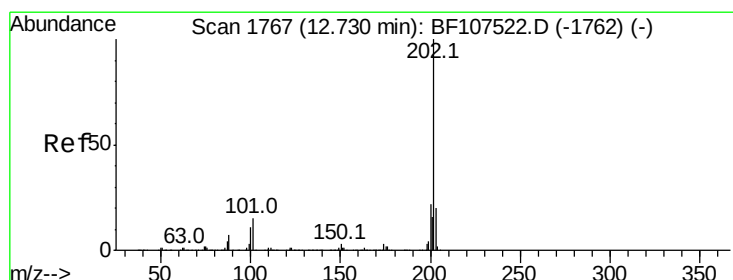
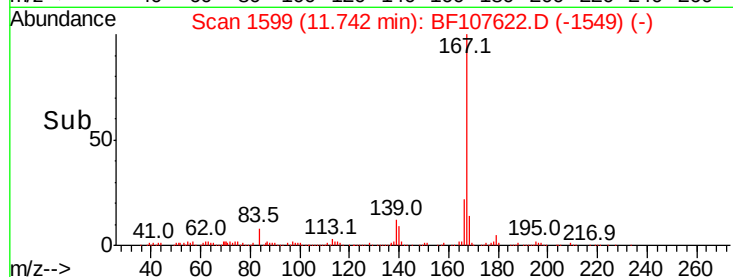
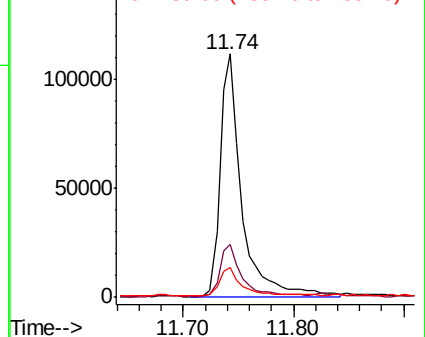
Tot Ion:	167	Resp:	149954
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	12.5	10.9	16.3

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
150000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 50.376 ng

RT: 12.72 min Scan# 1766

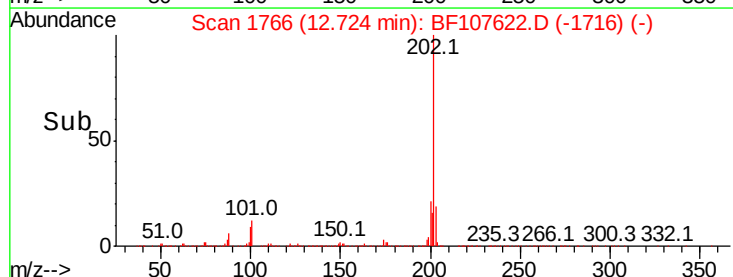
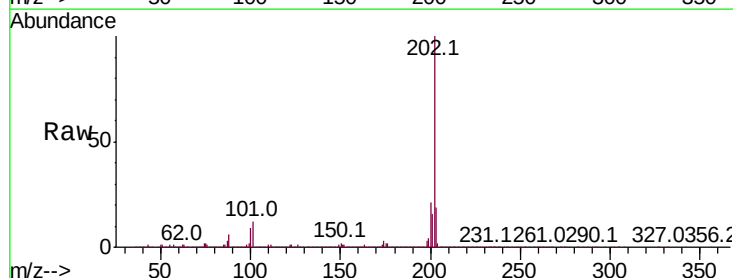
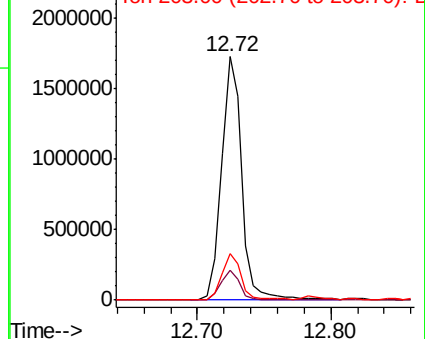
Delta R.T. -0.01 min

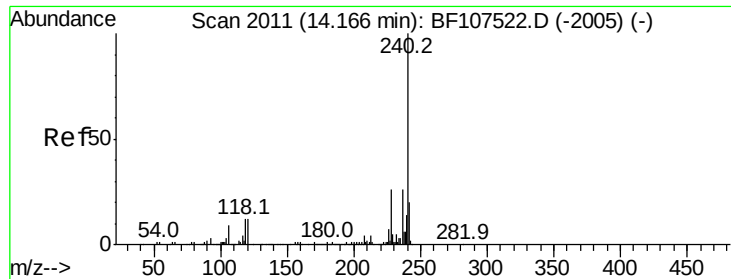
Lab File: BF107622.D

Acq: 24 Jul 2018 16:44

Tgt Ion:	202	Resp:	1840843
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	19.0	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





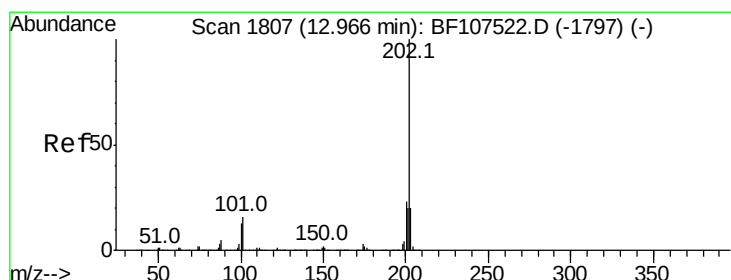
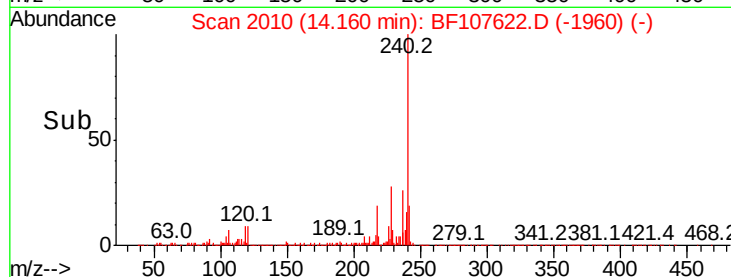
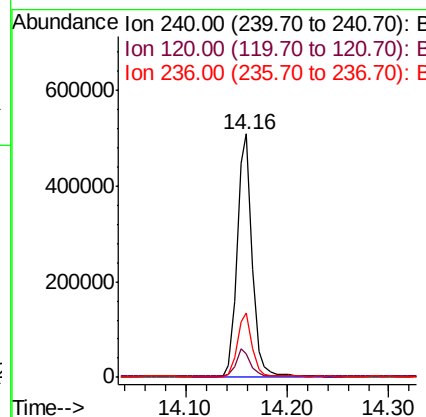
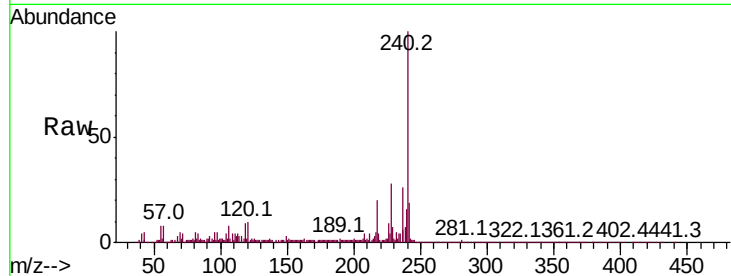
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Instrument :
BNA_F
ClientSampleId :
DW-9

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.9	9.5	14.3	
236	26.5	20.7	31.1	

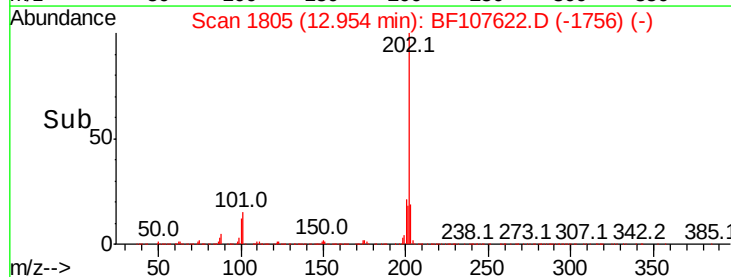
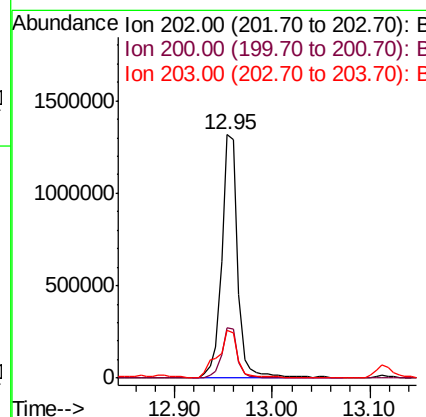
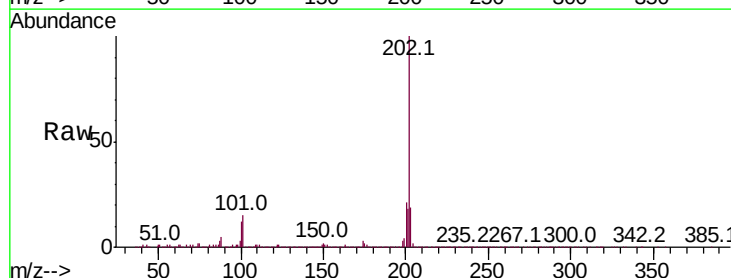
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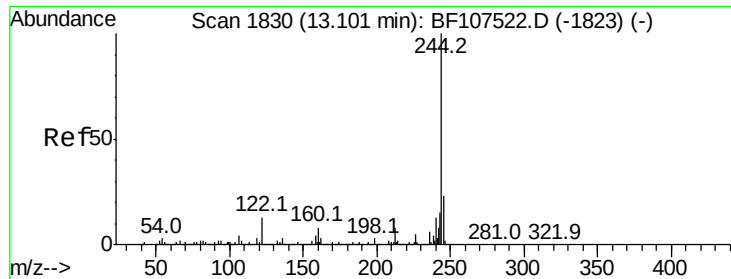
Sohil
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#77
Pyrene
Concen: 41.549 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	17.4	26.2	
203	19.4	14.3	21.5	





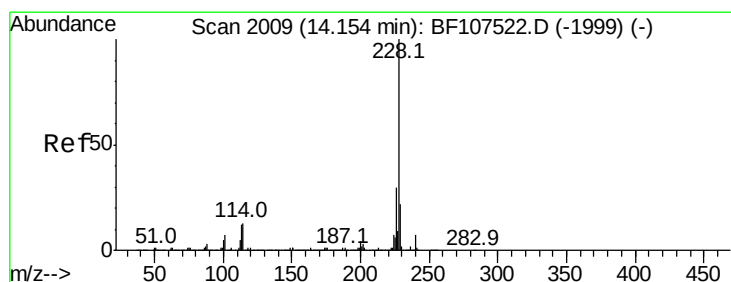
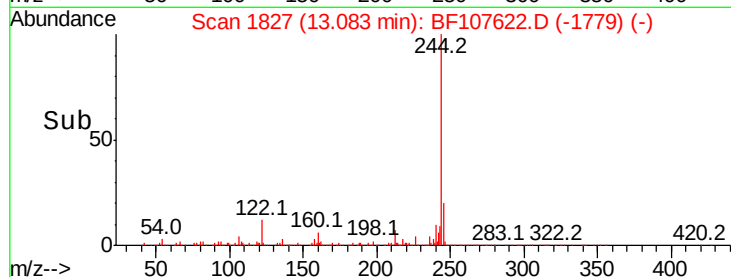
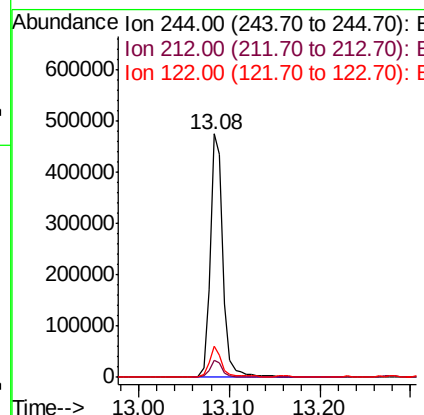
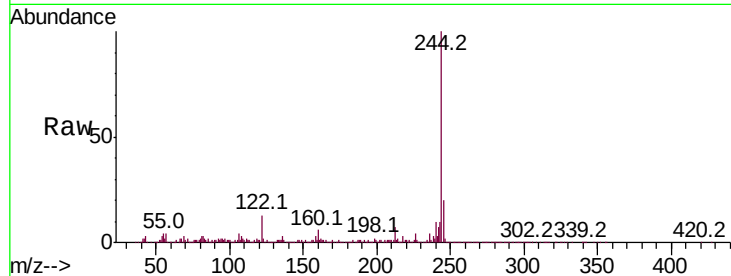
#78
 Terphenyl-d14
 Concen: 23.174 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Instrument :
 BNA_F
 ClientSampleId :
 DW-9

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.6	11.0	16.4

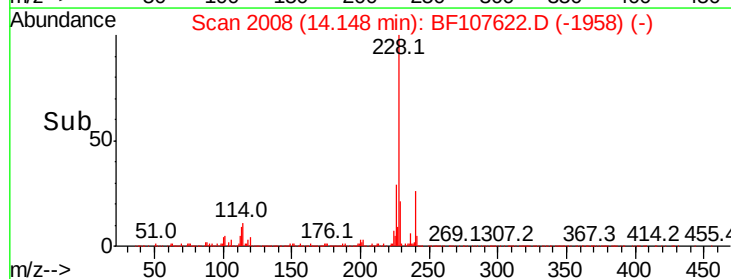
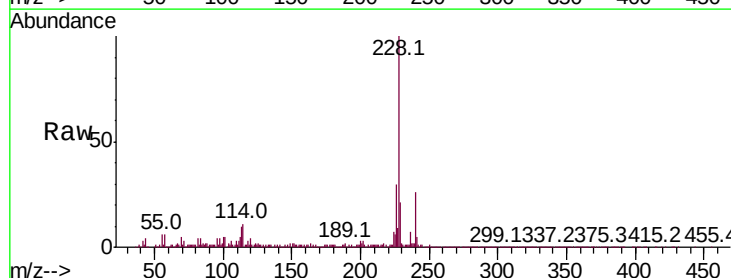
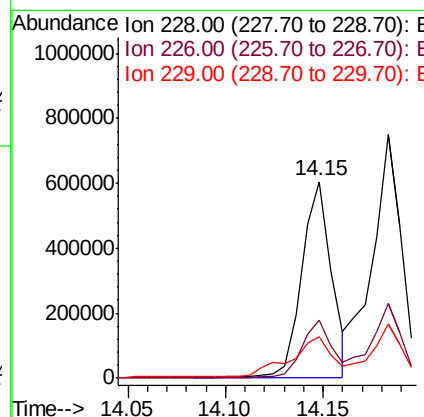
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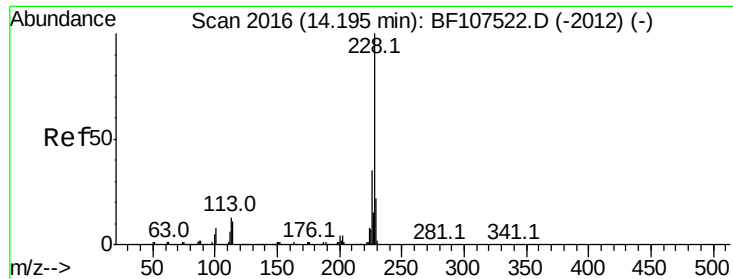
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#80
 Benzo(a)anthracene
 Concen: 20.800 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.1	15.8	23.6





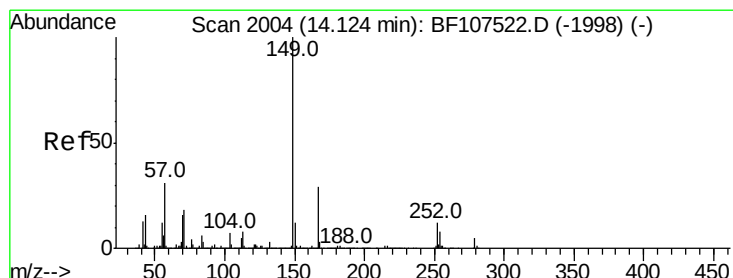
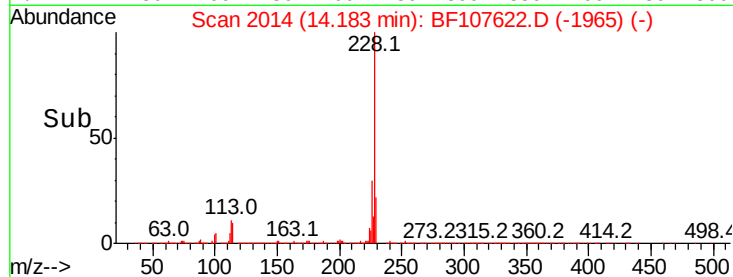
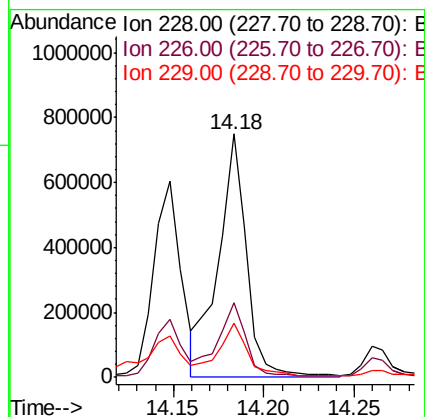
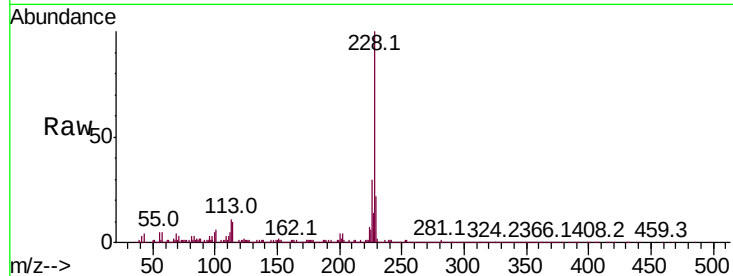
#82
 Chrysene
 Concen: 27.331 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Instrument :
 BNA_F
 ClientSampleID :
 DW-9

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.2	16.2	24.4

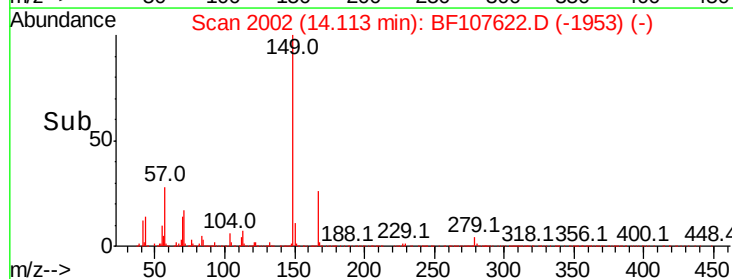
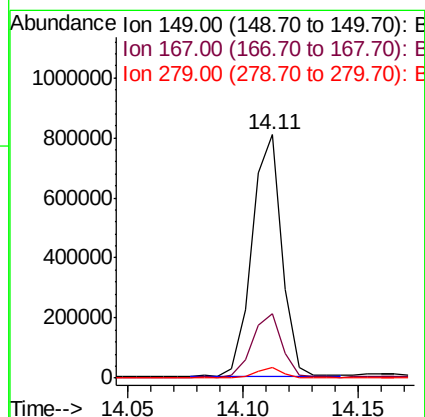
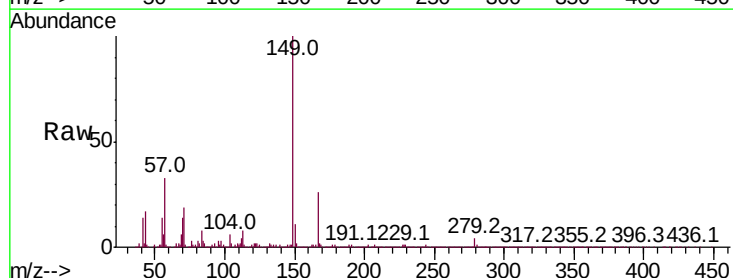
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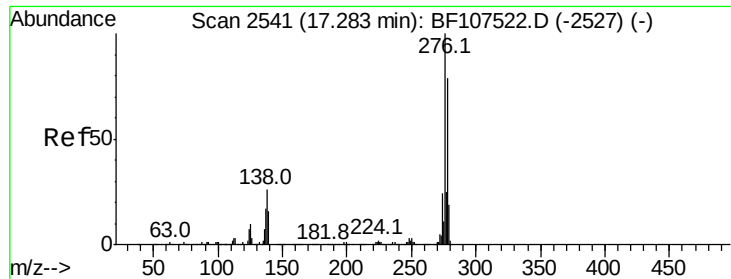
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.311 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	4.2	3.0	4.4





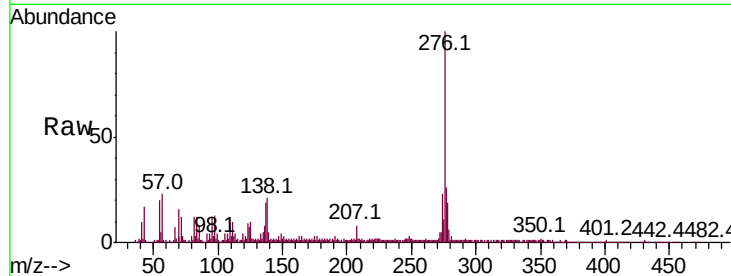
#85
Indeno(1,2,3-cd)pyrene
Concen: 14.081 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Instrument :
BNA_F
ClientSampleId :
DW-9

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	25.0	37.6#
277	25.1	20.1	30.1

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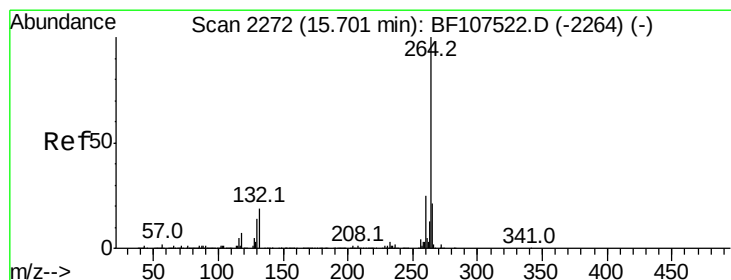
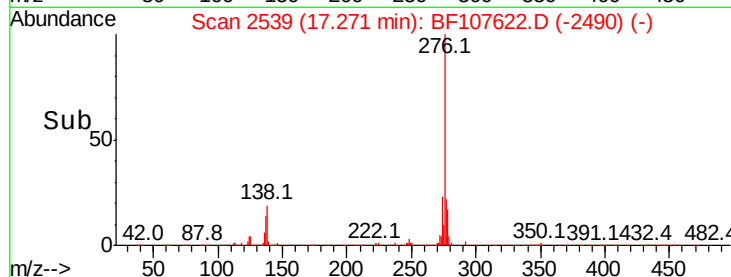
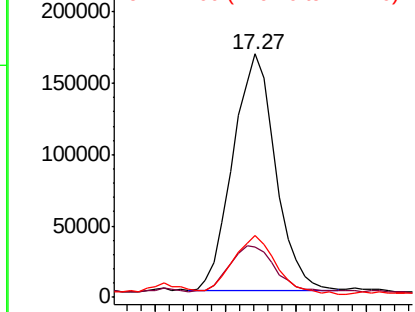


Abundance

Ion 276.00 (275.70 to 276.70): E

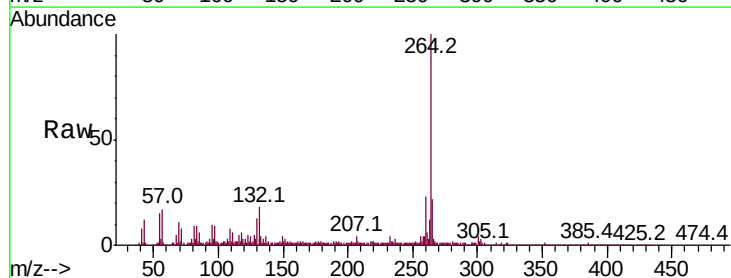
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.5	26.3

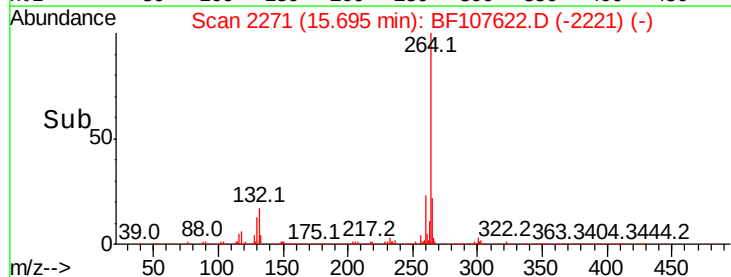
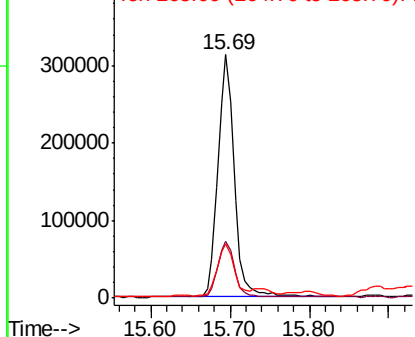


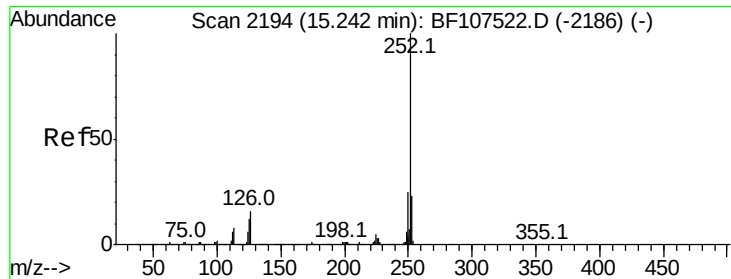
Abundance

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





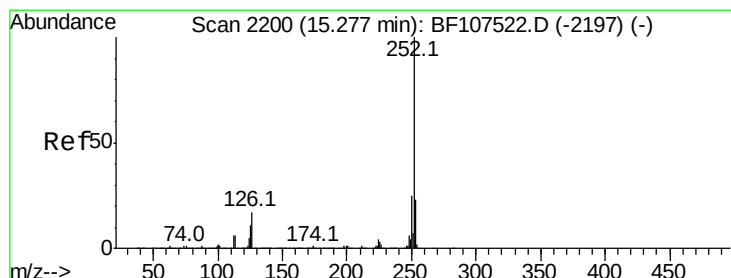
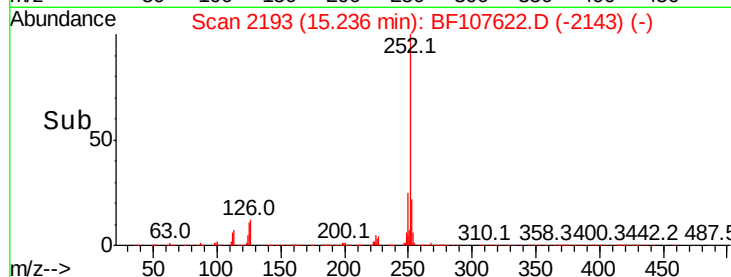
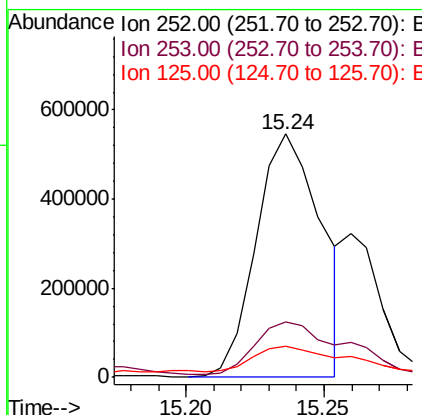
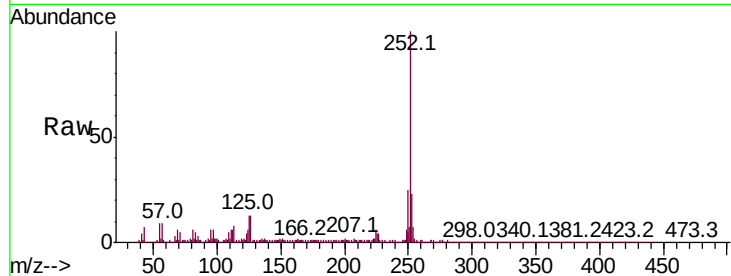
#87
Benzo(b)fluoranthene
Concen: 36.643 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Instrument :
BNA_F
ClientSampleId :
DW-9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	12.9	9.0	13.6

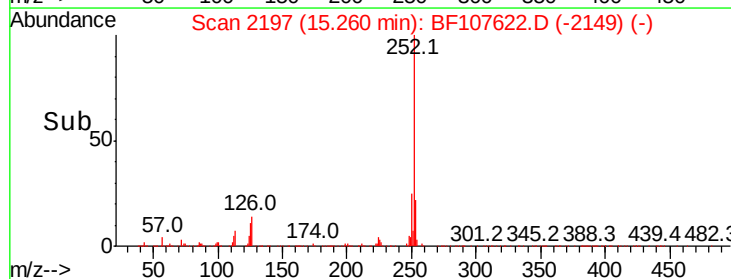
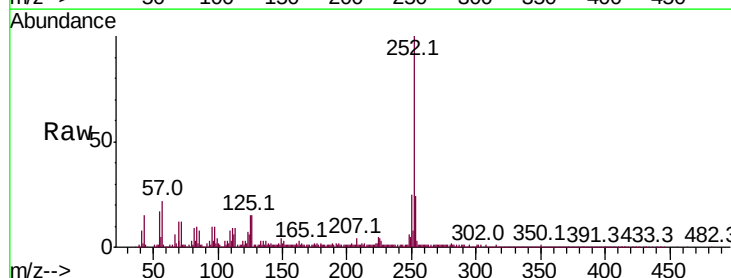
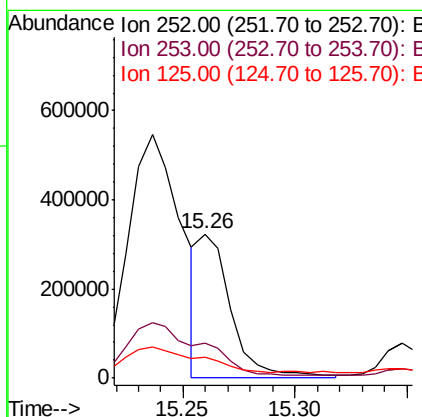
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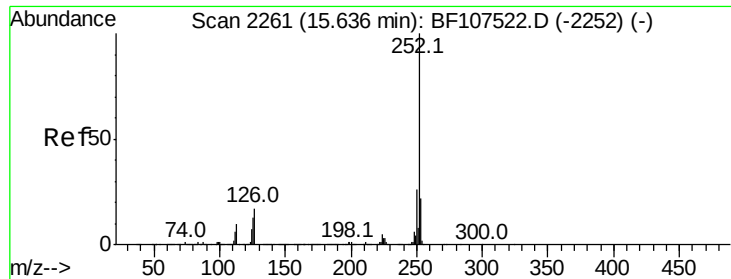
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#88
Benzo(k)fluoranthene
Concen: 13.477 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	14.7	10.2	15.2





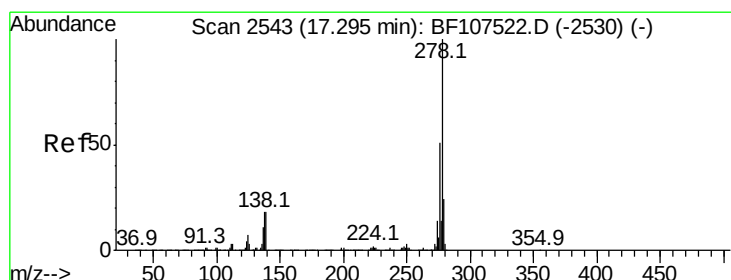
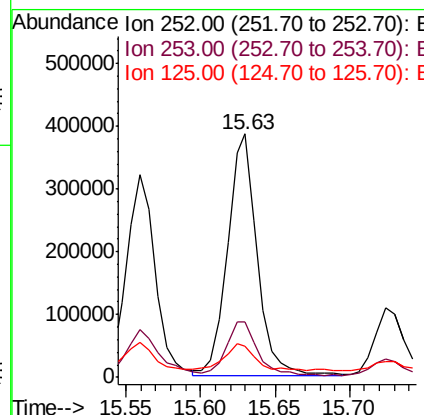
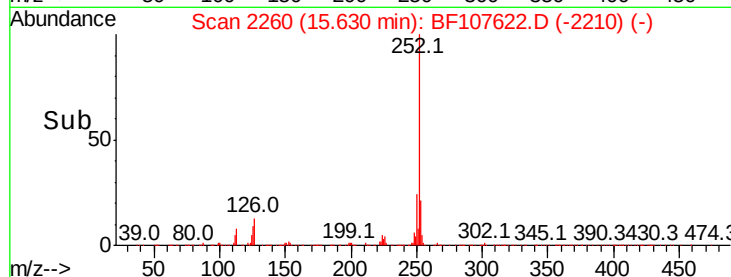
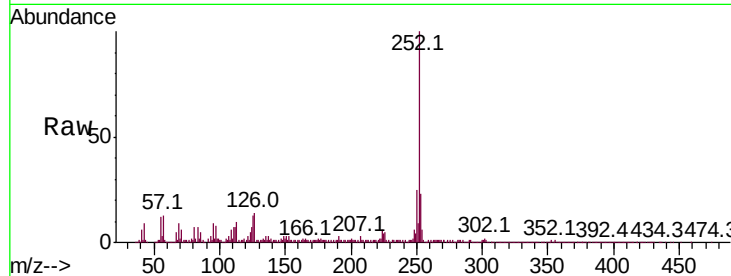
#89
Benzo(a)pyrene
Concen: 23.768 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Instrument :
BNA_F
ClientSampled :
DW-9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	12.8	9.8	14.6

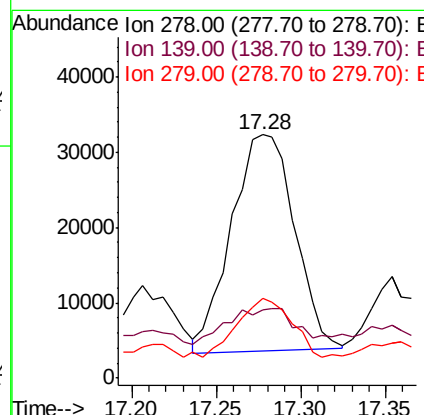
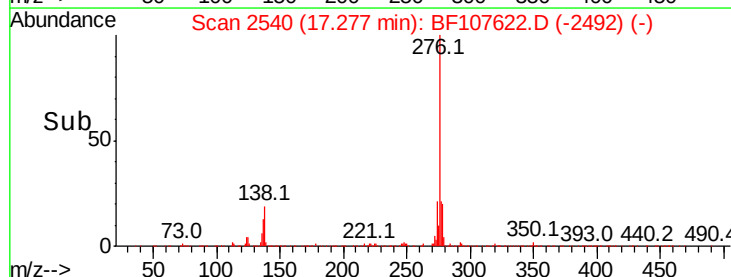
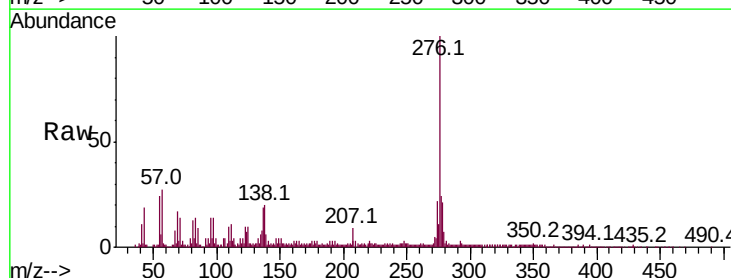
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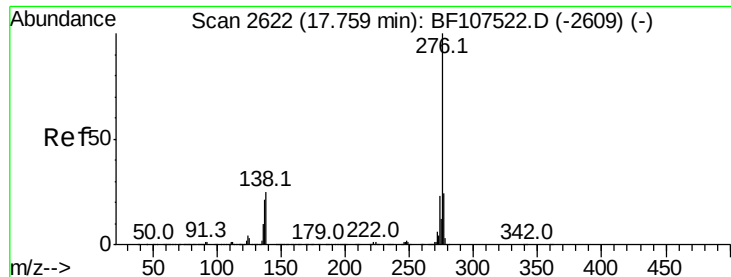
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#90
Dibenzo(a,h)anthracene
Concen: 3.833 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107622.D
Acq: 24 Jul 2018 16:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.3	15.9	23.9#
279	32.7	19.0	28.4#





#91
 Benzo(a,h,i)perylene
 Concen: 18.201 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107622.D
 Acq: 24 Jul 2018 16:44

Instrument :
 BNA_F
 ClientSampleId :
 DW-9

Tot Ion:	276	Resp:	349112
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	21.6	21.8	32.8#

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