

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122119.D
 Acq On : 26 Oct 2020 17:08
 Operator : JU/CG
 Sample : L4494-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-EN

Manual Integrations
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Quant Time: Oct 26 18:14:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 17:27:32 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	101044	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	392477	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	205099	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	397929	20.00	ng	0.00
76) Chrysene-d12	13.874	240	294146	20.00	ng	0.00
86) Perylene-d12	15.304	264	240489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	636178	92.92	ng	0.00
7) Phenol-d6	6.363	99	802154	91.02	ng	0.00
23) Nitrobenzene-d5	7.281	82	545111	71.23	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	196807	77.57	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	949554	68.12	ng	0.00
79) Terphenyl-d14	12.816	244	1059896	68.67	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.469	163	146414	9.76	ng	99
52) Acenaphthene	9.781	154	32184	2.72	ng	98
55) Dibenzofuran	9.957	168	44277	2.56	ng	96
58) Fluorene	10.298	166	39641	2.84	ng	98
71) Phenanthrene	11.257	178	614258	28.15	ng	99
72) Anthracene	11.310	178	158071	6.99	ng	99
75) Fluoranthene	12.445	202	759816	32.48	ng	99
78) Pyrene	12.675	202	694655	30.99	ng	100
81) Benzo(a)anthracene	13.863	228	284852	14.78	ng	99
83) Chrysene	13.904	228	230636	12.19	ng	97
87) Indeno(1,2,3-cd)pyrene	16.710	276	117135	7.50	ng	95
88) Benzo(b)fluoranthene	14.898	252	256828m	15.80	ng	
89) Benzo(k)fluoranthene	14.921	252	76495m	4.95	ng	
90) Benzo(a)pyrene	15.245	252	184431	13.14	ng	98
92) Benzo(g,h,i)perylene	17.133	276	122759	9.54	ng	98

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

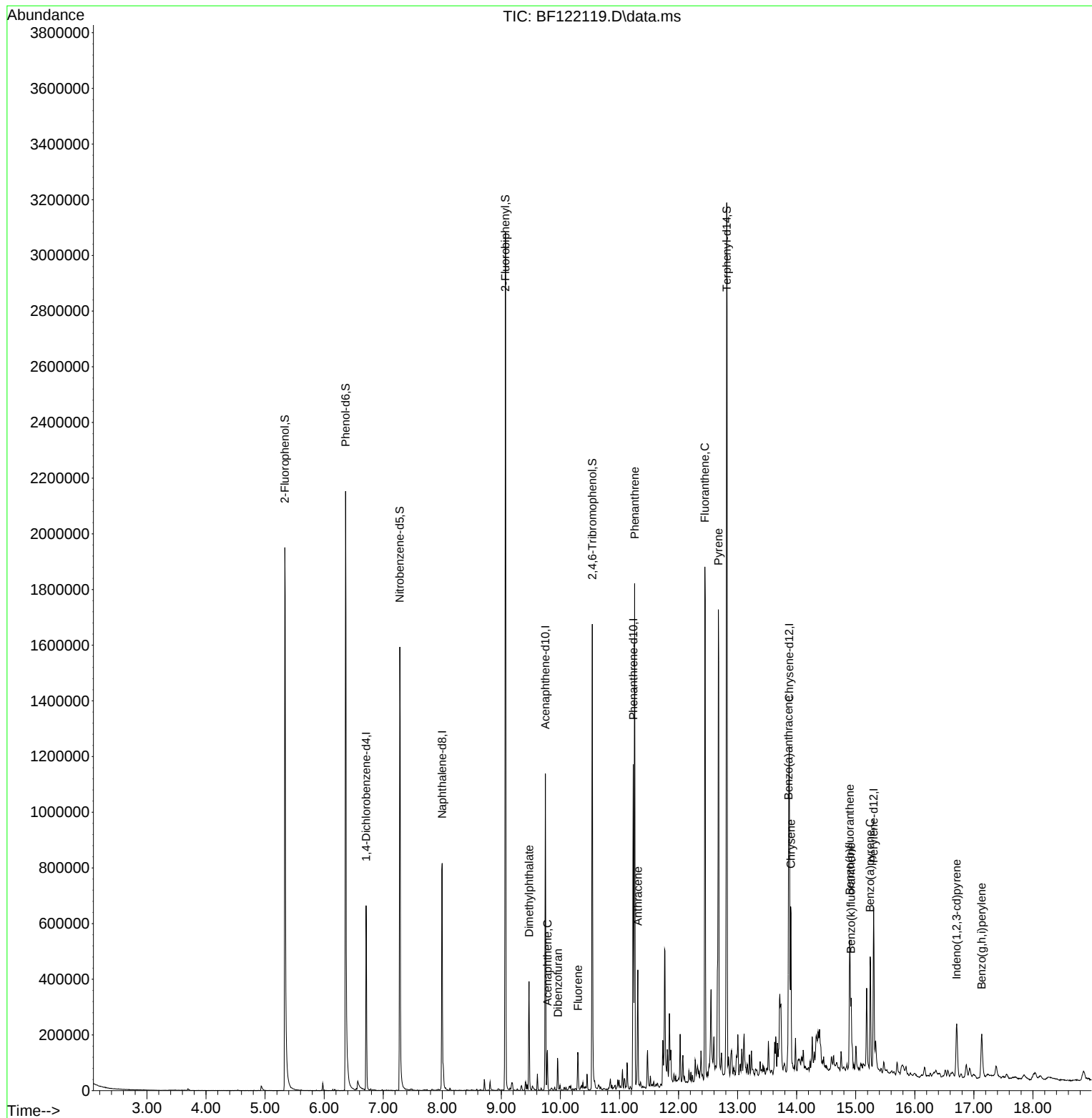
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122119.D
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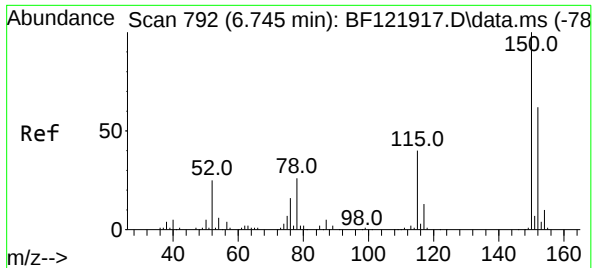
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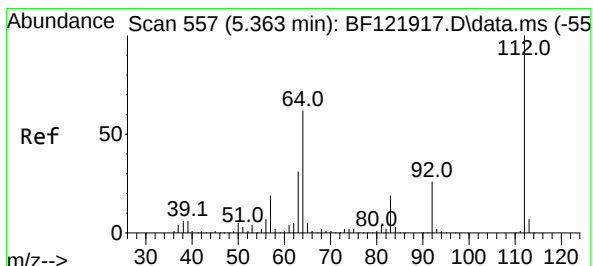
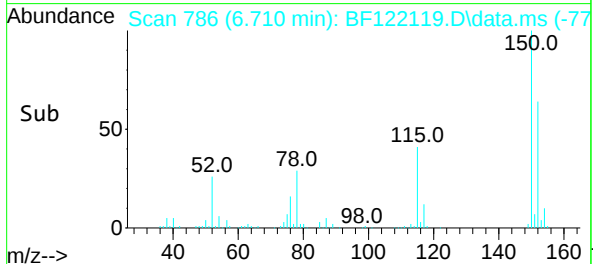
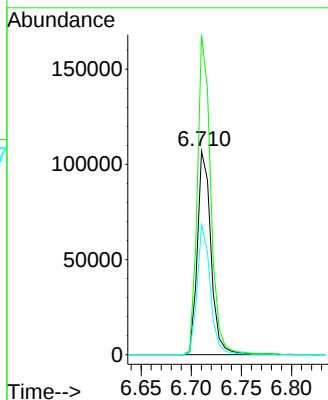
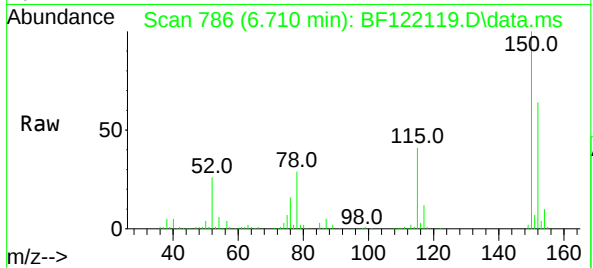
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

Tgt Ion:152 Resp: 101044
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 63.9 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
AB-EN

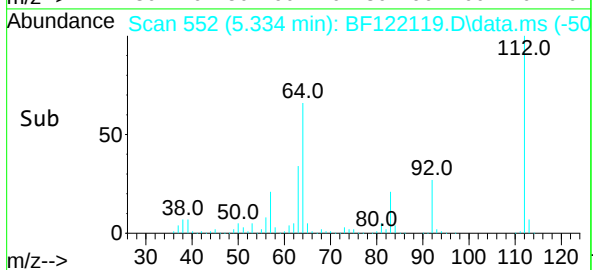
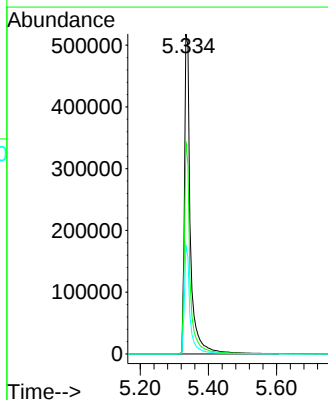
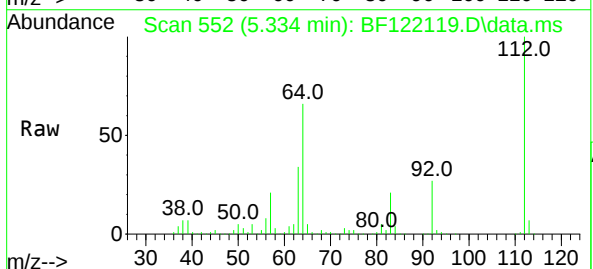
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#5
2-Fluorophenol
Concen: 92.92 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

Tgt Ion:112 Resp: 636178
Ion Ratio Lower Upper
112 100
64 66.4 50.4 75.6
63 33.9 25.8 38.6





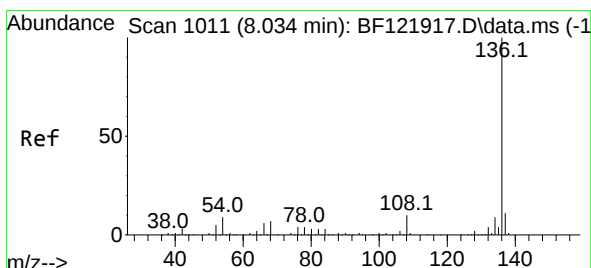
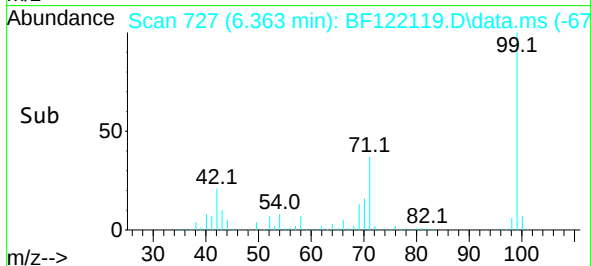
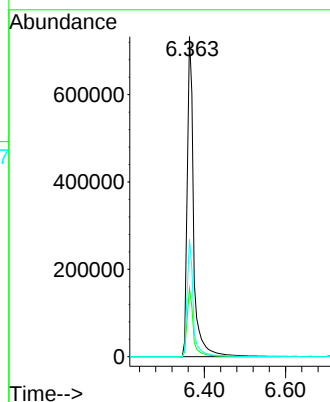
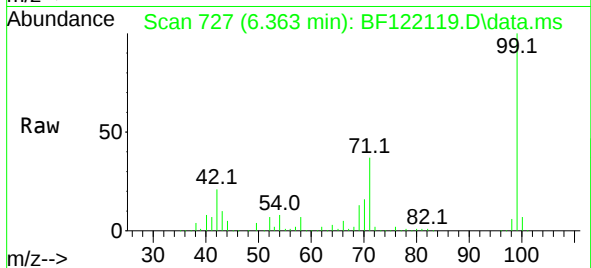
#7
Phenol-d6
Concen: 91.02 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

Tgt Ion: 99 Resp: 802154
Ion Ratio Lower Upper
99 100
42 21.4 15.9 23.9
71 36.7 27.1 40.7

Instrument :
BNA_F
ClientSampled :
AB-EN

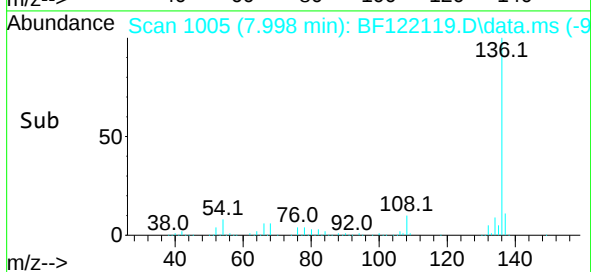
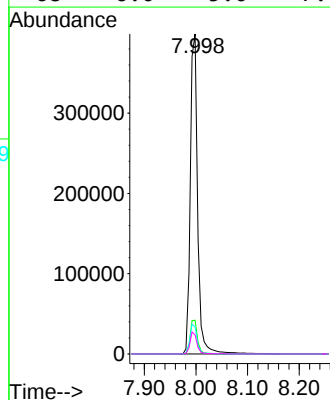
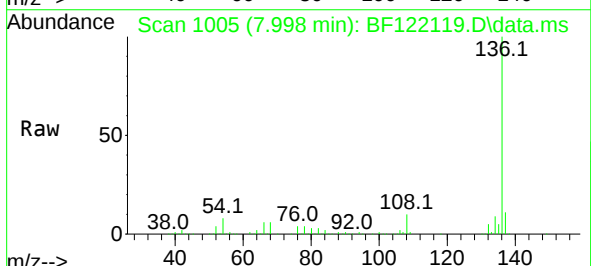
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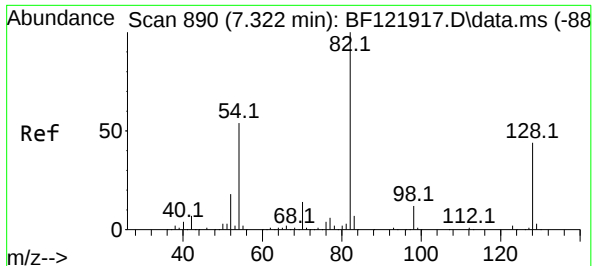
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

Tgt Ion: 136 Resp: 392477
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.1 10.7
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.23 ng

RT: 7.281 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF122119.D

Acq: 26 Oct 2020 17:08

Tgt Ion: 82 Resp: 545111

Ion Ratio Lower Upper

82 100

128 40.7 35.0 52.4

54 55.6 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

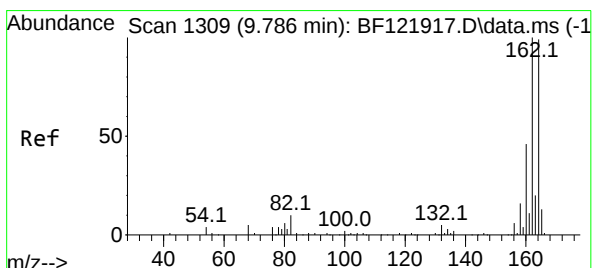
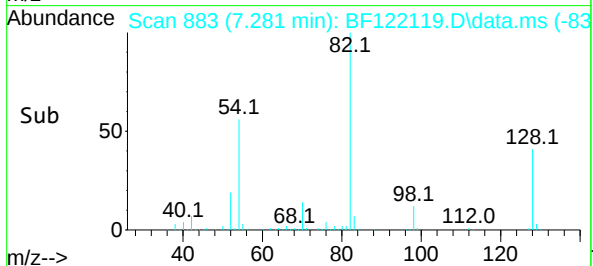
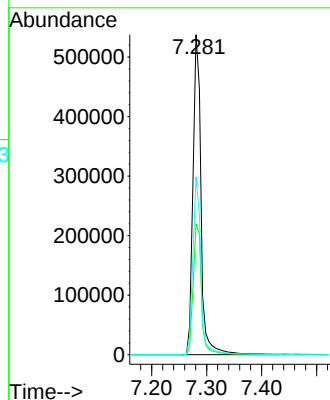
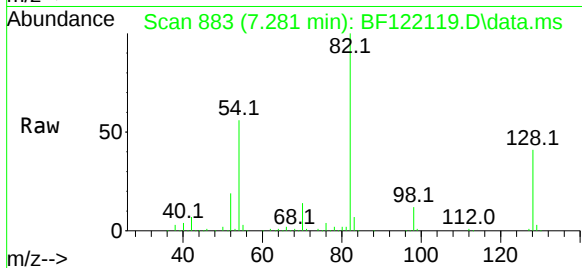
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF122119.D

Acq: 26 Oct 2020 17:08

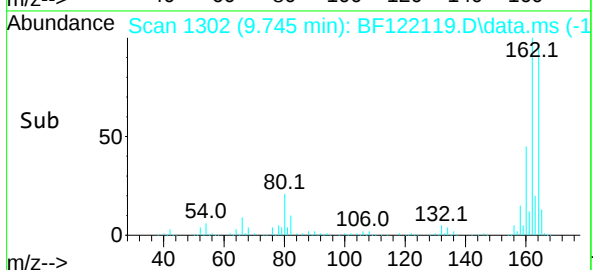
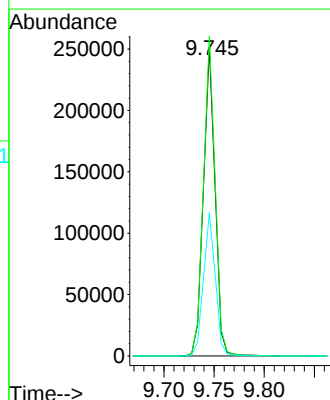
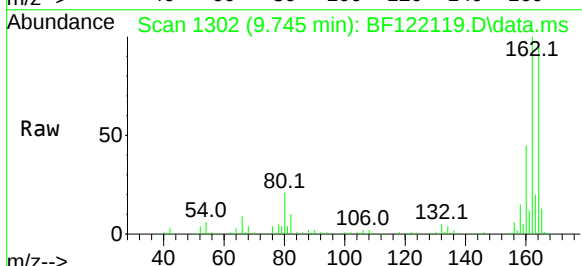
Tgt Ion: 164 Resp: 205099

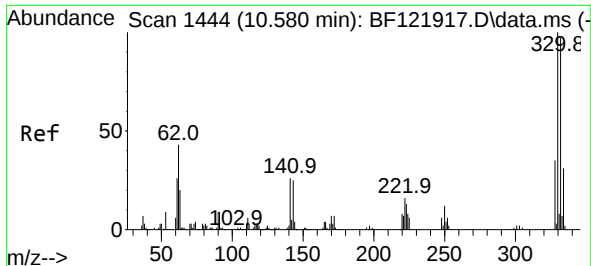
Ion Ratio Lower Upper

164 100

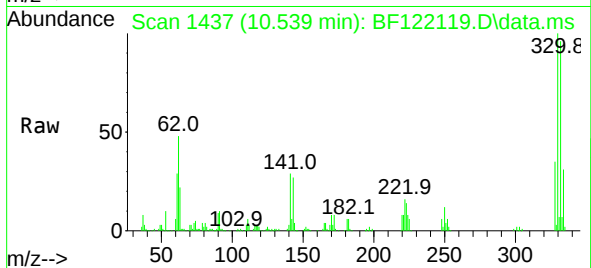
162 103.6 83.2 124.8

160 46.4 37.5 56.3

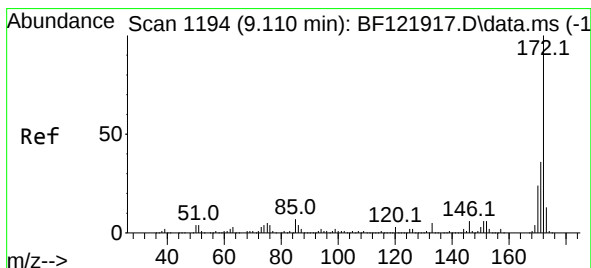
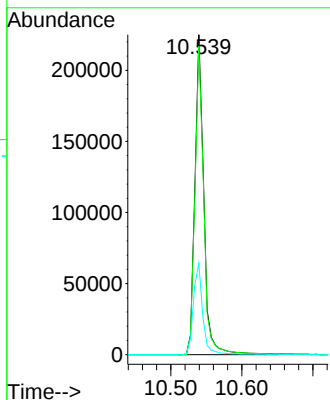
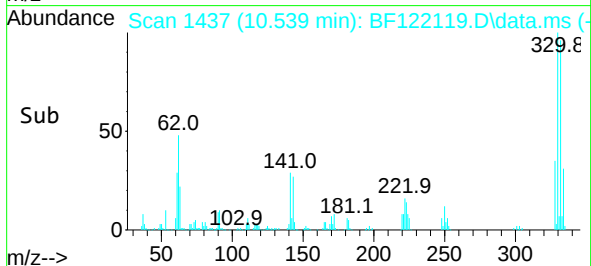




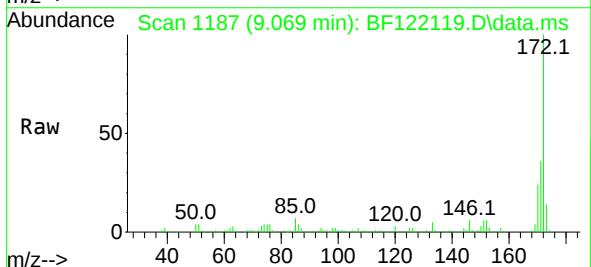
#42
2,4,6-Tribromophenol
Concen: 77.57 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



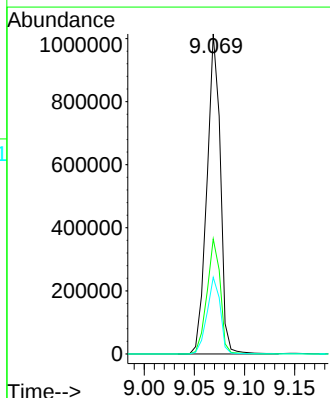
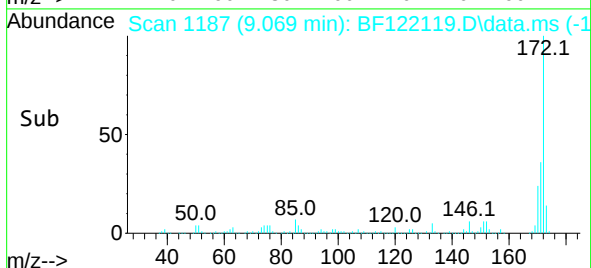
Tgt Ion: 330 Resp: 196807
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 30.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 68.12 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



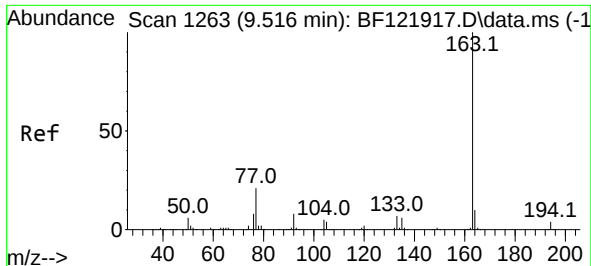
Tgt Ion: 172 Resp: 949554
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 23.9 19.8 29.6



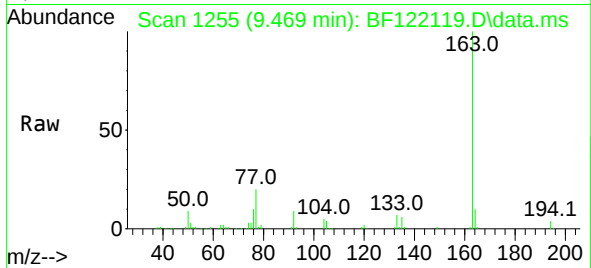
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#50
Dimethylphthalate
Concen: 9.76 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

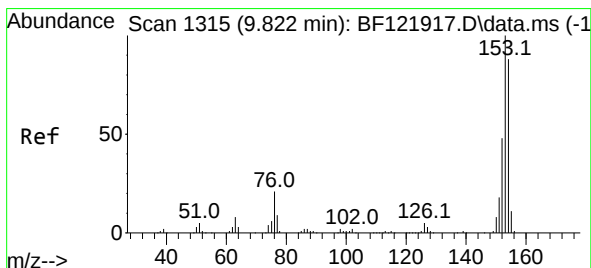
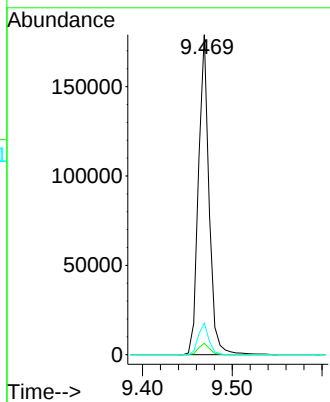
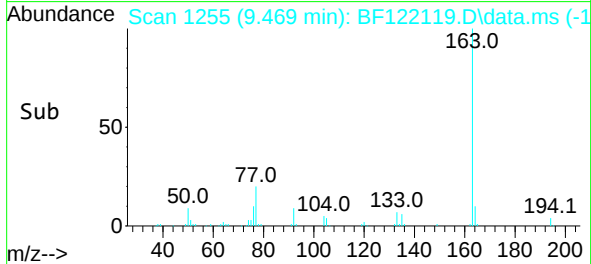


Tgt Ion:163 Resp: 146414
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.9 8.2 12.4

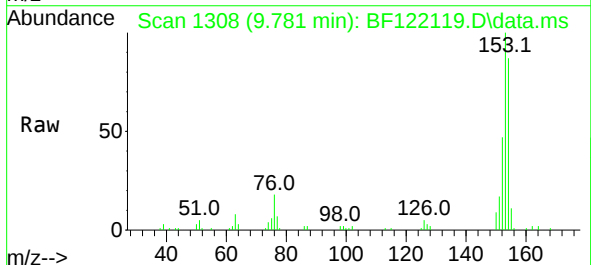
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BNA_F
ClientSampleId :
AB-EN

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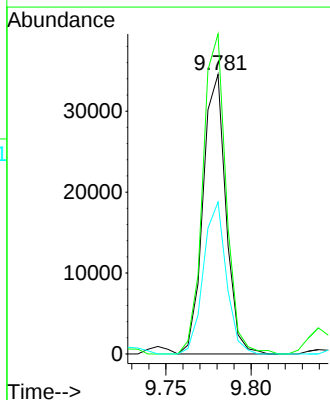
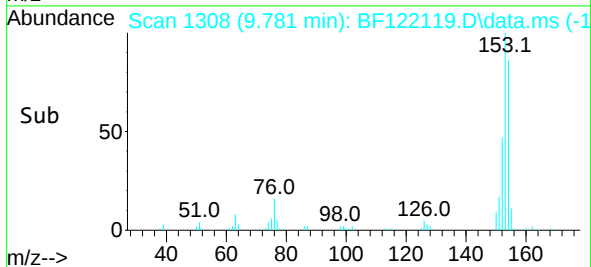
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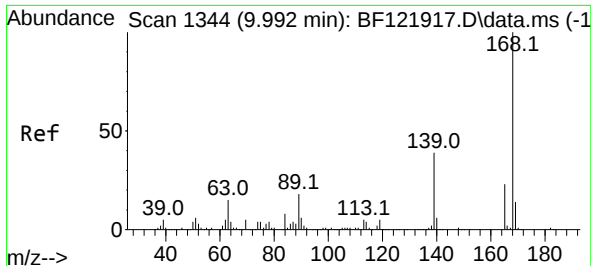


#52
Acenaphthene
Concen: 2.72 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

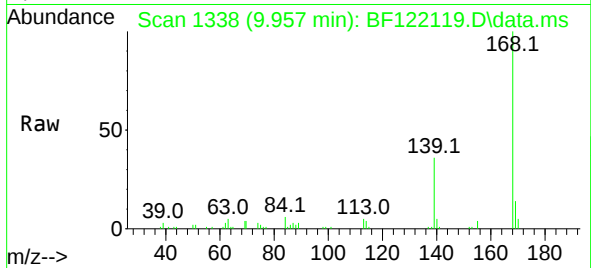


Tgt Ion:154 Resp: 32184
Ion Ratio Lower Upper
154 100
153 114.5 89.8 134.8
152 54.3 43.2 64.8

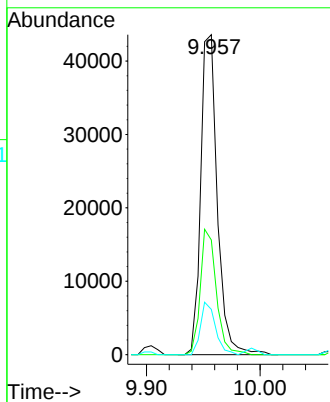
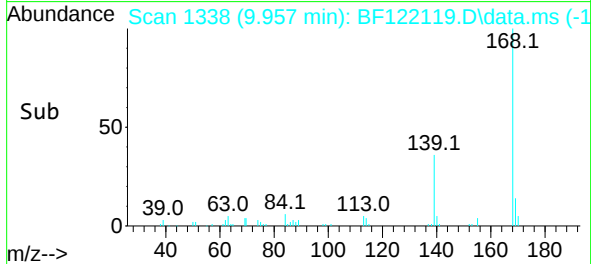




#55
Dibenzenofuran
Concen: 2.56 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



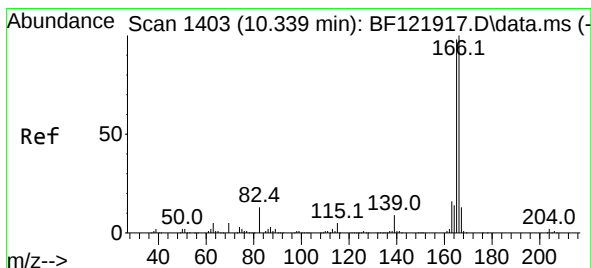
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Ion Ratio Lower Upper
168 100
139 35.9 31.0 46.6
169 14.1 11.3 16.9



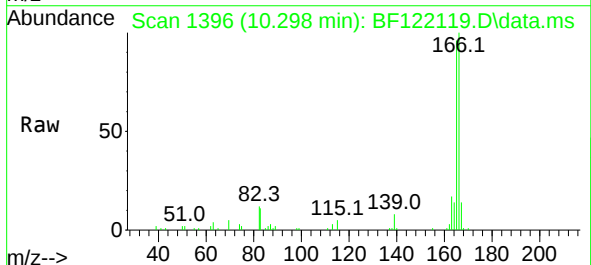
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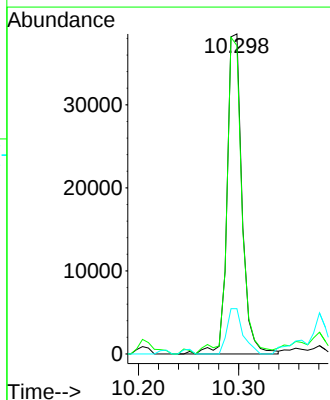
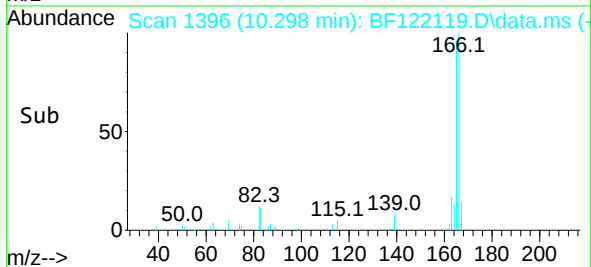
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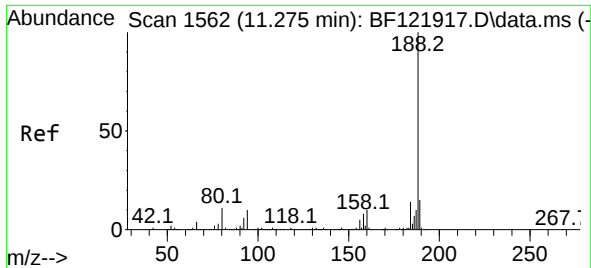


#58
Fluorene
Concen: 2.84 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

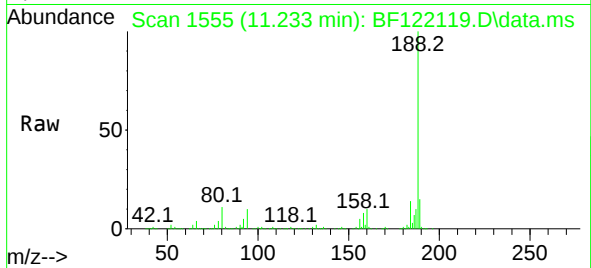


Tgt Ion:166 Resp: 39641
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 14.1 11.0 16.6

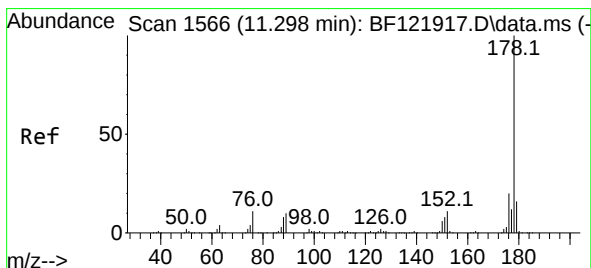
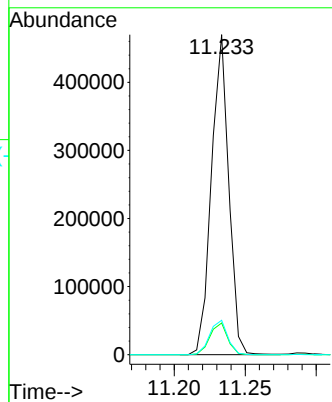
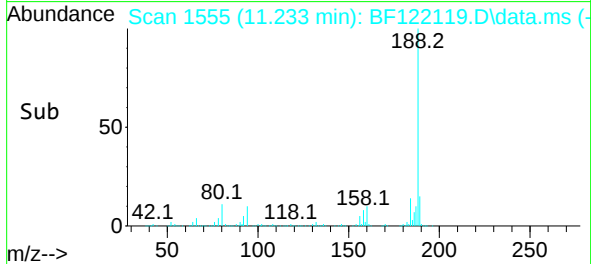




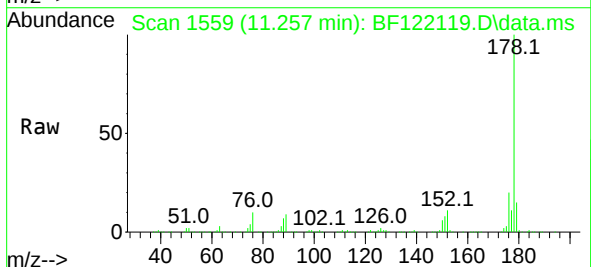
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



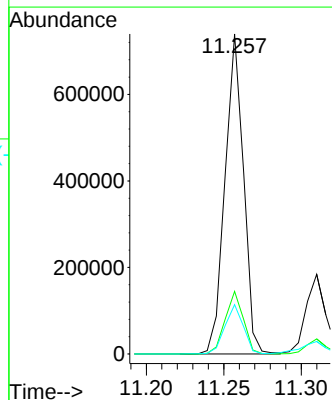
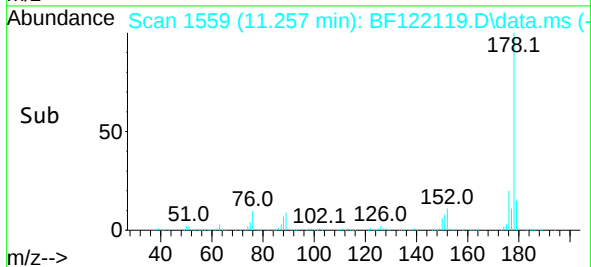
Tgt Ion:188 Resp: 397929
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.8 9.1 13.7



#71
Phenanthrene
Concen: 28.15 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



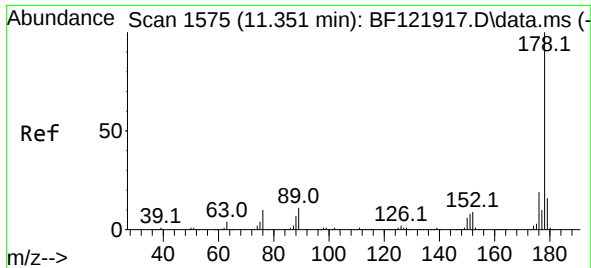
Tgt Ion:178 Resp: 614258
Ion Ratio Lower Upper
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176 19.6 15.9 23.9
179 15.4 12.2 18.4



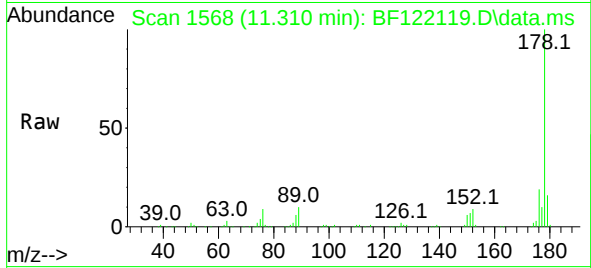
Instrument :
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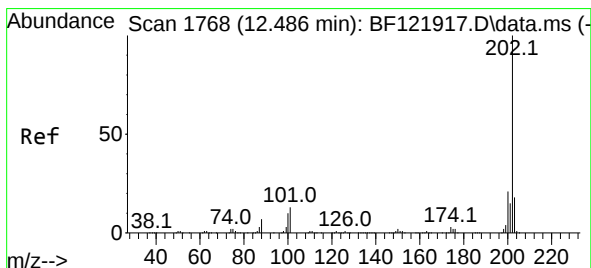
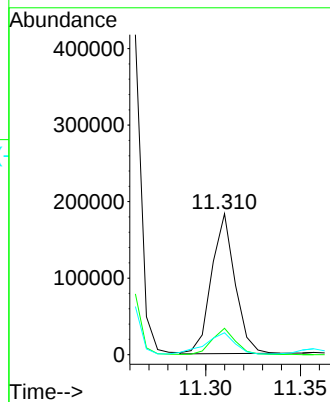
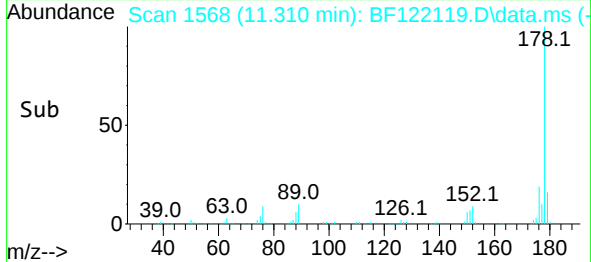
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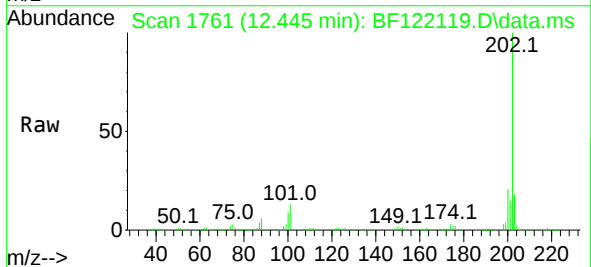
#72
 Anthracene
 Concen: 6.99 ng
 RT: 11.310 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF122119.D
 Acq: 26 Oct 2020 17:08



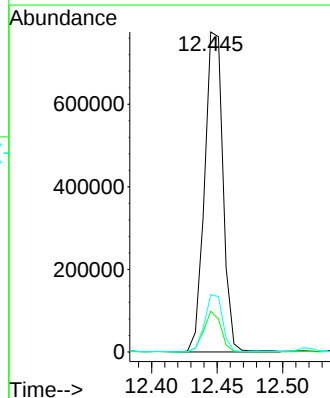
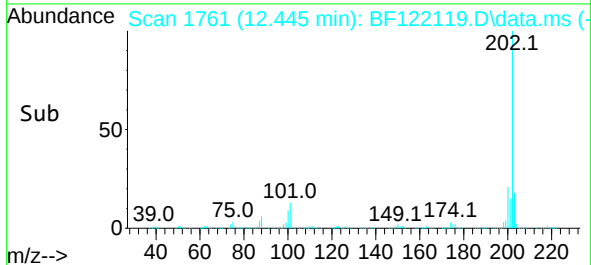
Tgt Ion:178 Resp: 158071
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.7 23.5
 179 15.6 12.7 19.1



#75
 Fluoranthene
 Concen: 32.48 ng
 RT: 12.445 min Scan# 1761
 Delta R.T. -0.006 min
 Lab File: BF122119.D
 Acq: 26 Oct 2020 17:08



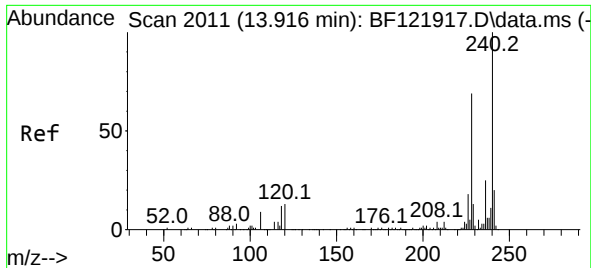
Tgt Ion:202 Resp: 759816
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 33.4
 203 17.9 0.0 37.9



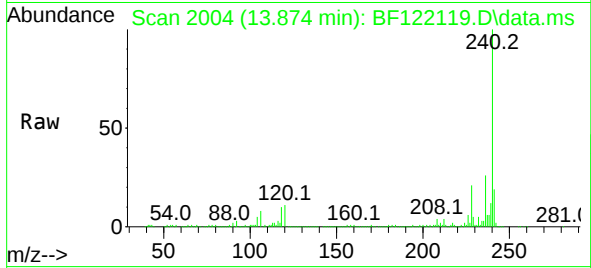
Instrument :
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 ClientSampleId :
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

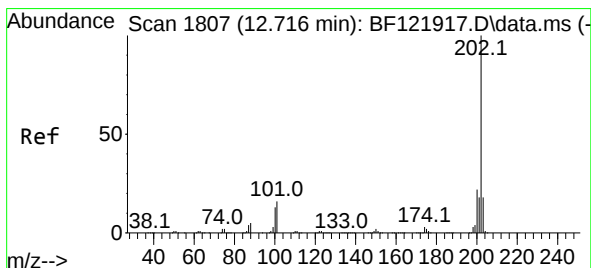
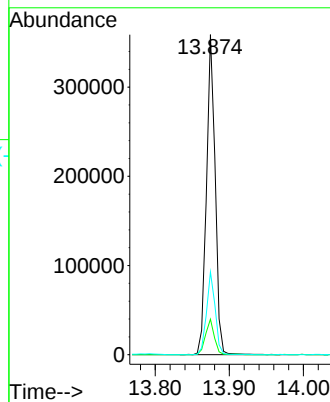
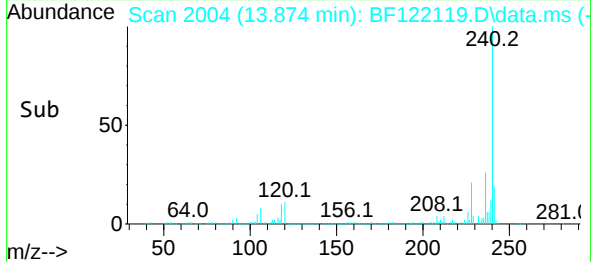


Tgt Ion:240 Resp: 294146
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 25.9 20.9 31.3

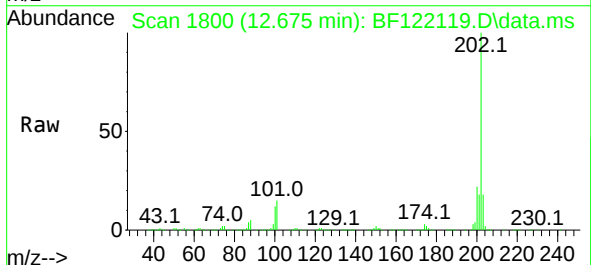
Instrument :
BNA_F
ClientSampled :
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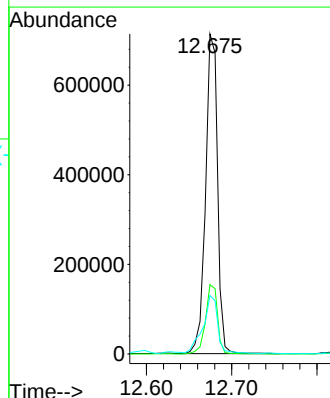
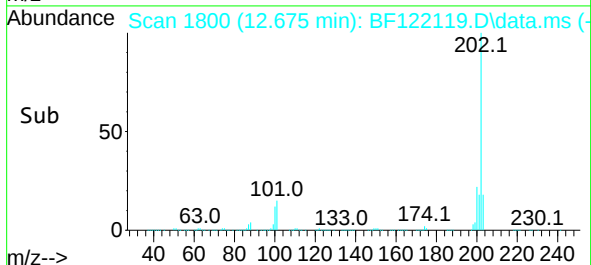
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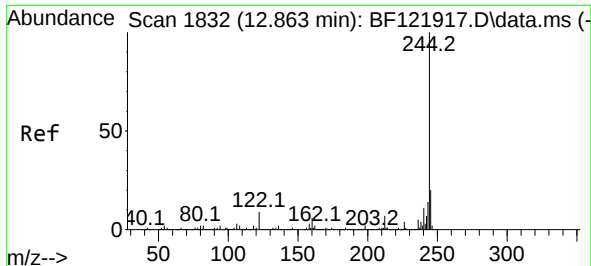


#78
Pyrene
Concen: 30.99 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

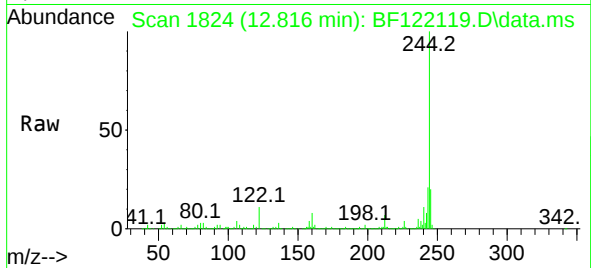


Tgt Ion:202 Resp: 694655
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.2 14.6 21.8

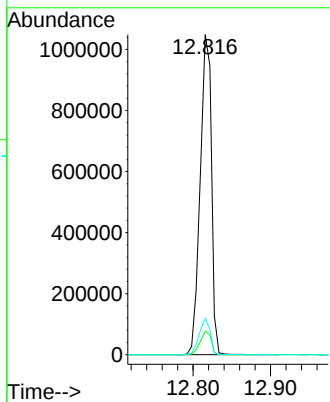
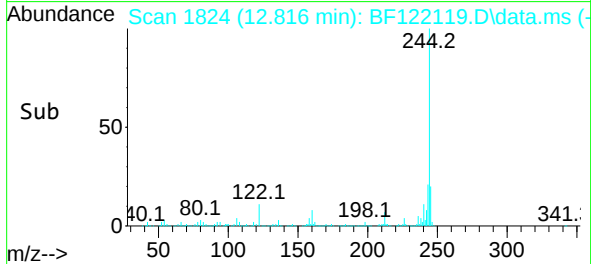




#79
 Terphenyl-d14
 Concen: 68.67 ng
 RT: 12.816 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF122119.D
 Acq: 26 Oct 2020 17:08



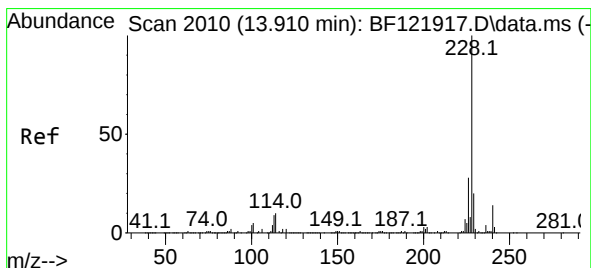
Tgt Ion:244 Resp: 1059896
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 11.3 8.1 12.1



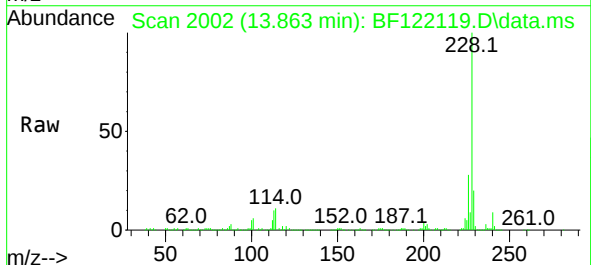
Instrument :
 BNA_F
 ClientSampleId :
 AB-EN

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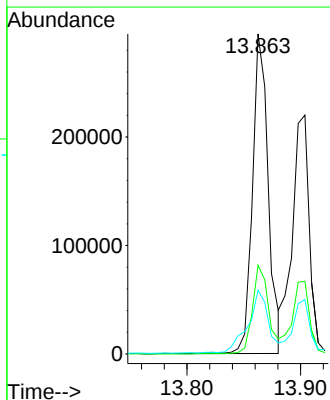
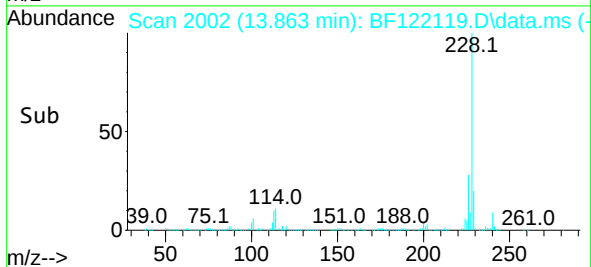
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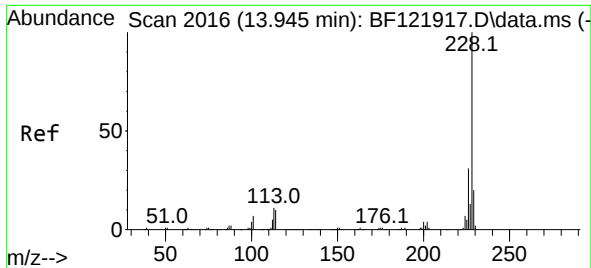


#81
 Benzo(a)anthracene
 Concen: 14.78 ng
 RT: 13.863 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: BF122119.D
 Acq: 26 Oct 2020 17:08

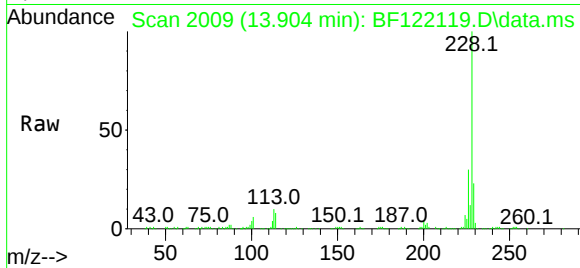


Tgt Ion:228 Resp: 284852
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.3 33.5
 229 19.9 16.2 24.4

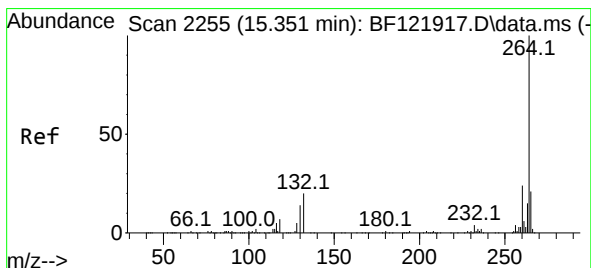
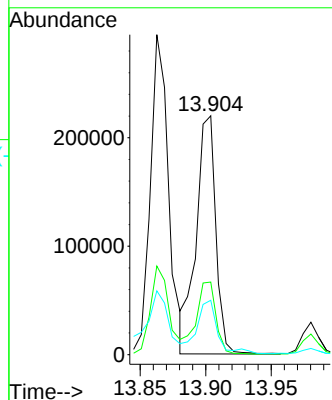
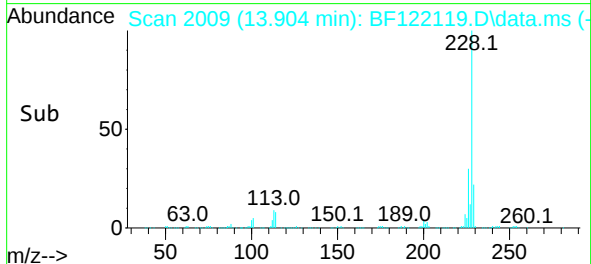




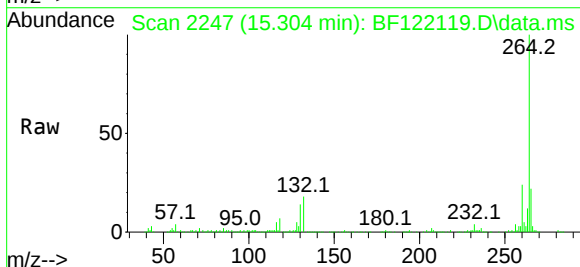
#83
Chrysene
Concen: 12.19 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



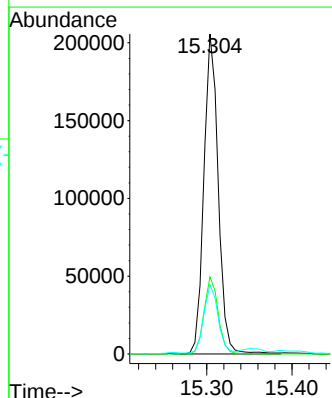
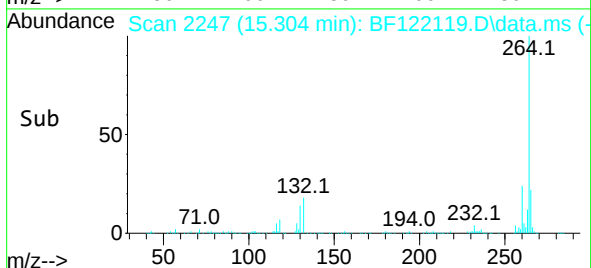
Tgt Ion:228 Resp: 230636
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 22.8 15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



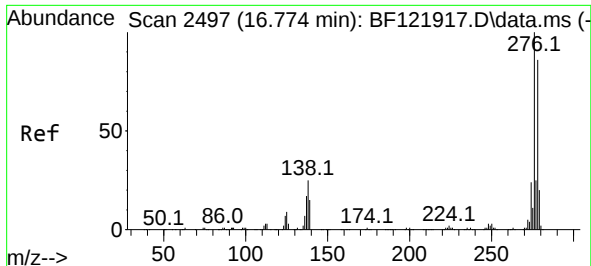
Tgt Ion:264 Resp: 240489
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 21.6 17.3 25.9



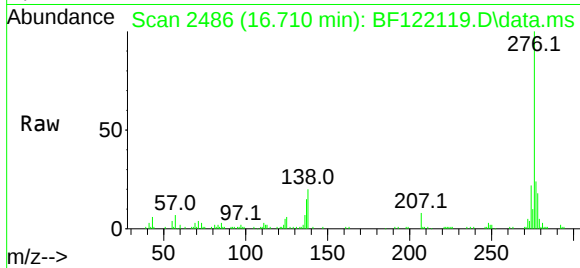
Instrument :
BNA_F
ClientSampleId :
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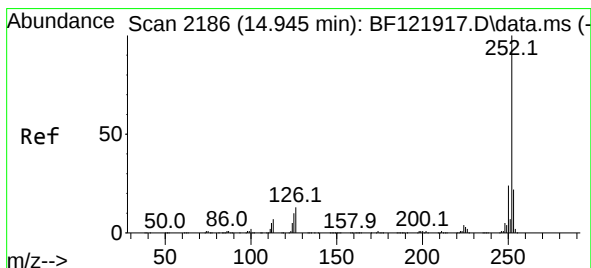
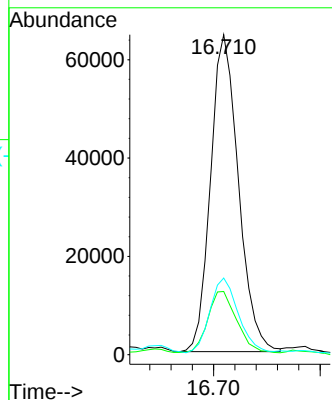
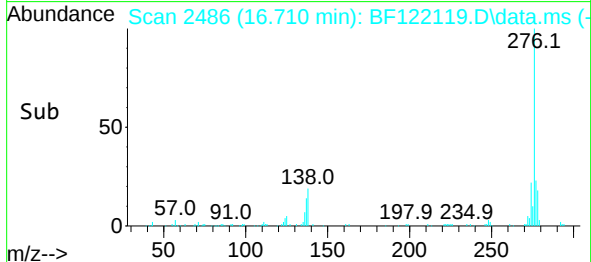
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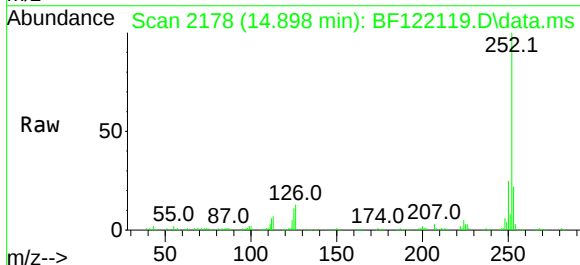
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.50 ng
RT: 16.710 min Scan# 2486
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



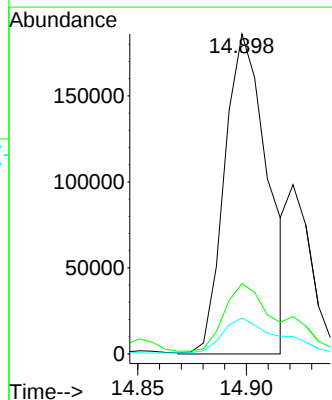
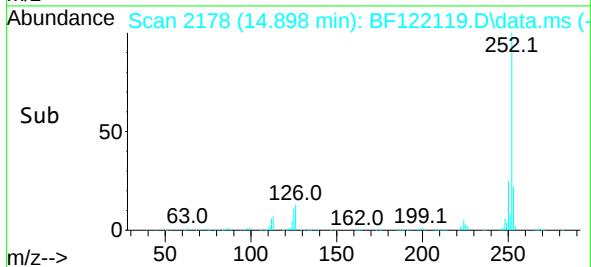
Tgt Ion: 276 Resp: 117135
Ion Ratio Lower Upper
276 100
138 20.9 19.9 29.9
277 24.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 15.80 ng m
RT: 14.898 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



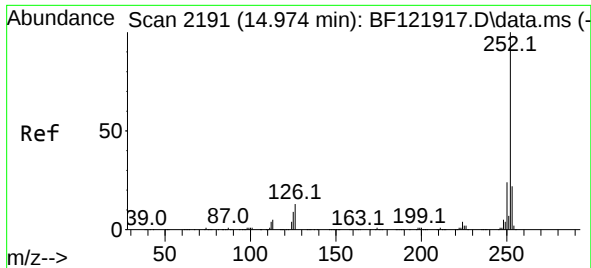
Tgt Ion: 252 Resp: 256828
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 11.3 8.0 12.0



Instrument :
BNA_F
ClientSampleId :
AB-EN

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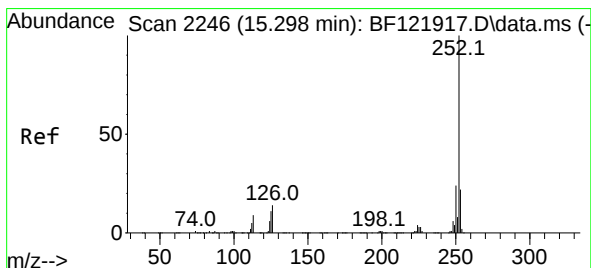
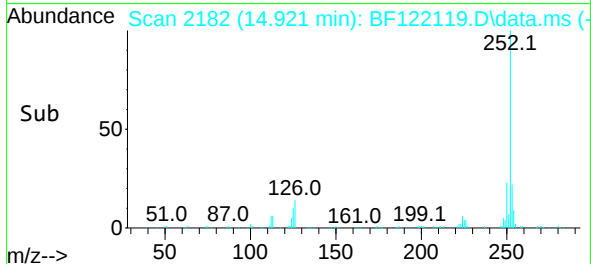
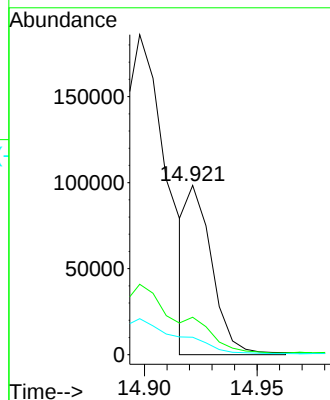
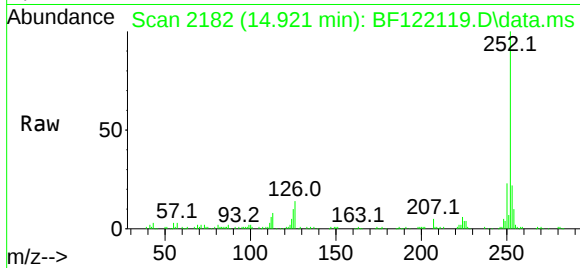
#89
Benzo(k)fluoranthene
Concen: 4.95 ng m
RT: 14.921 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

Tgt Ion:252 Resp: 76495
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.3 7.7 11.5

Instrument :
BNA_F
ClientSampleId :
AB-EN

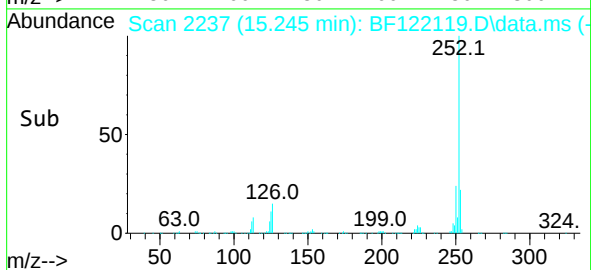
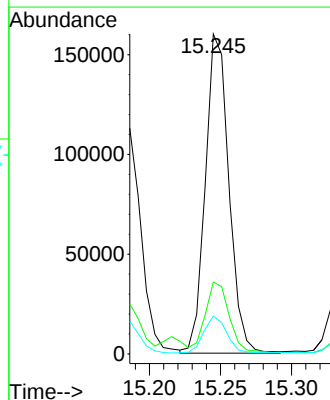
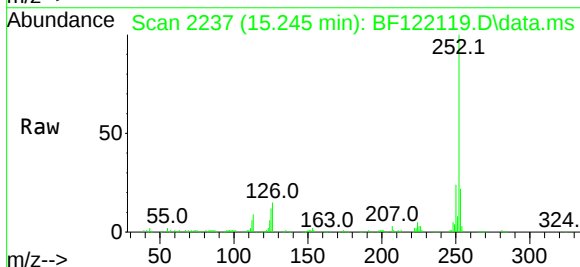
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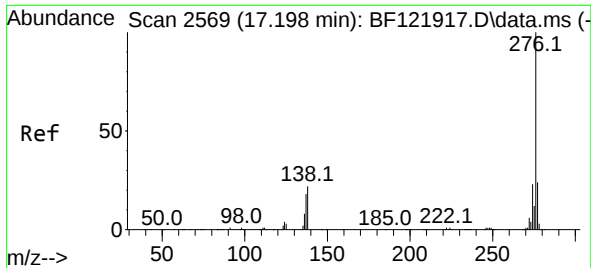
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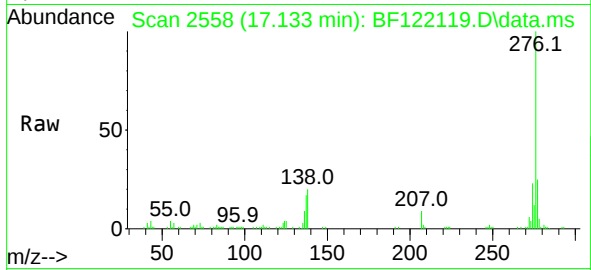
#90
Benzo(a)pyrene
Concen: 13.14 ng
RT: 15.245 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08

Tgt Ion:252 Resp: 184431
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 11.8 8.6 13.0

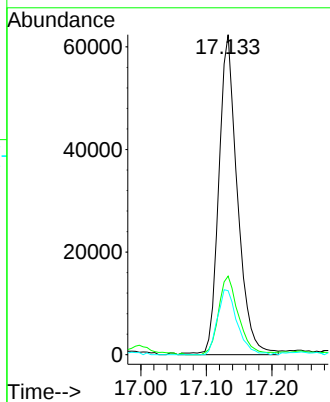
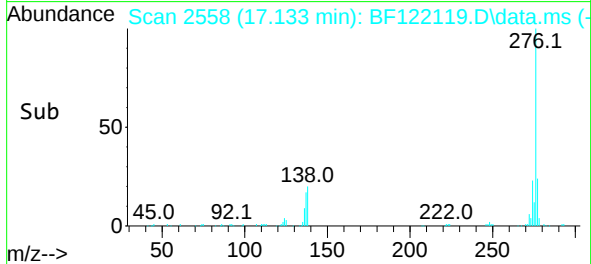




#92
Benzo(g,h,i)perylene
Concen: 9.54 ng
RT: 17.133 min Scan# 2558
Delta R.T. 0.000 min
Lab File: BF122119.D
Acq: 26 Oct 2020 17:08



Tgt Ion: 276 Resp: 122759
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 20.0 17.8 26.6



Instrument :
BNA_F
ClientSampleId :
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