

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122194.D
 Acq On : 30 Oct 2020 22:23
 Operator : JU/CG
 Sample : L4565-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-063-A

Manual Integrations
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Quant Time: Oct 31 02:58:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	110164	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	448431	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	225332	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	367890	20.00	ng	0.00
76) Chrysene-d12	13.880	240	220829	20.00	ng	0.00
86) Perylene-d12	15.315	264	225723	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	678994	90.97	ng	0.00
7) Phenol-d6	6.369	99	844769	87.92	ng	0.00
23) Nitrobenzene-d5	7.281	82	554447	63.41	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	225641	80.95	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	938879	61.31	ng	0.00
79) Terphenyl-d14	12.815	244	703523	60.71	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.381	94	47540	4.79	ng	90
35) Caprolactam	8.439	113	9725	4.46	ng	# 83
50) Dimethylphthalate	9.469	163	187817	11.40	ng	99
71) Phenanthrene	11.257	178	100877	5.00	ng	99
75) Fluoranthene	12.451	202	188104	8.70	ng	98
78) Pyrene	12.680	202	164330	9.76	ng	99
81) Benzo(a)anthracene	13.868	228	85626	5.92	ng	98
83) Chrysene	13.909	228	79414	5.59	ng	98
87) Indeno(1,2,3-cd)pyrene	16.750	276	61186	4.17	ng	# 91
88) Benzo(b)fluoranthene	14.909	252	118973m	7.80	ng	
89) Benzo(k)fluoranthene	14.939	252	30718m	2.12	ng	
90) Benzo(a)pyrene	15.262	252	82232	6.24	ng	96
92) Benzo(g,h,i)perylene	17.174	276	56625	4.69	ng	96

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

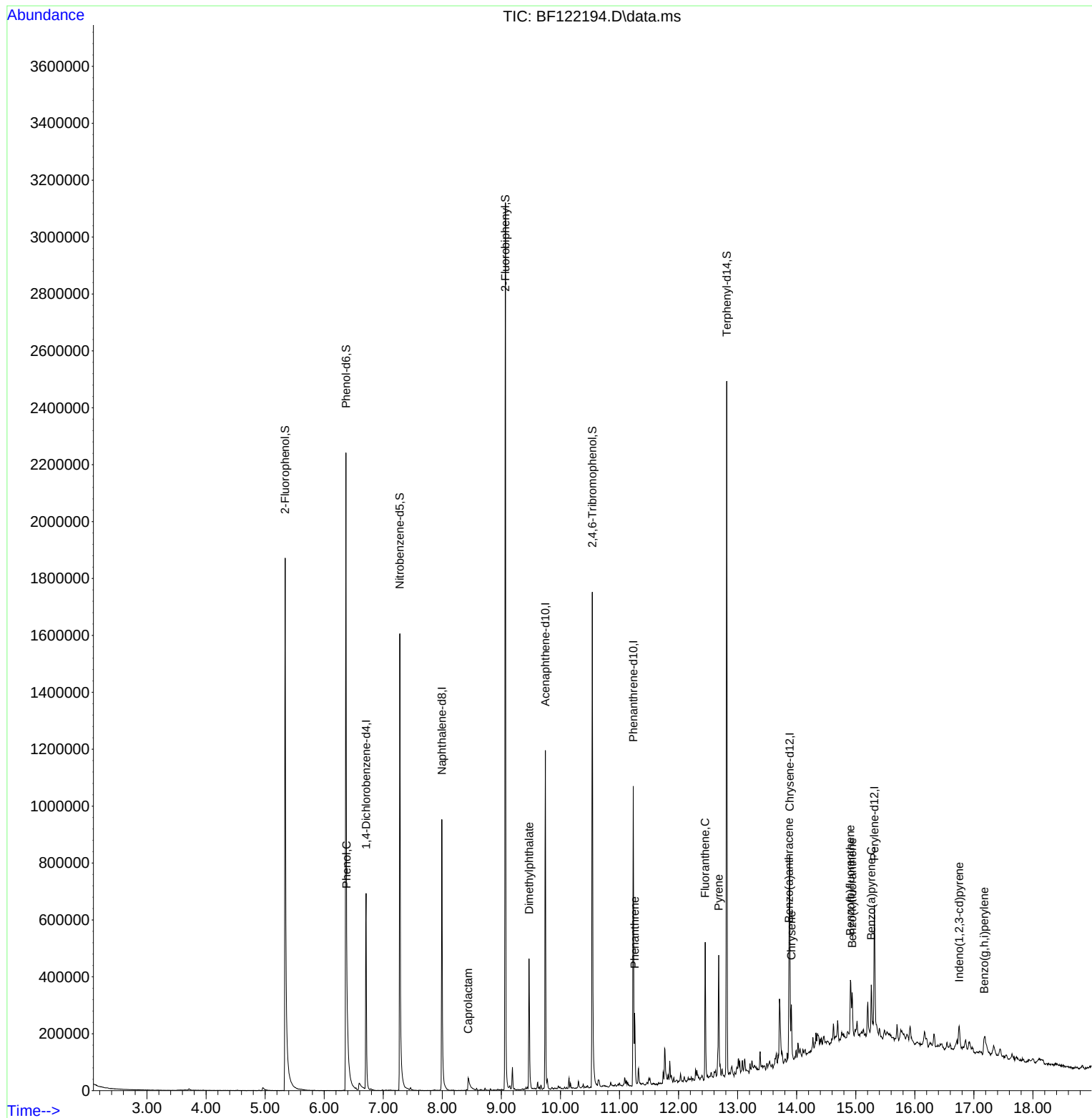
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Data File : BF122194.D
Acq On : 30 Oct 2020 22:23
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Misc :
ALS Vial : 17 Sample Multiplier: 1

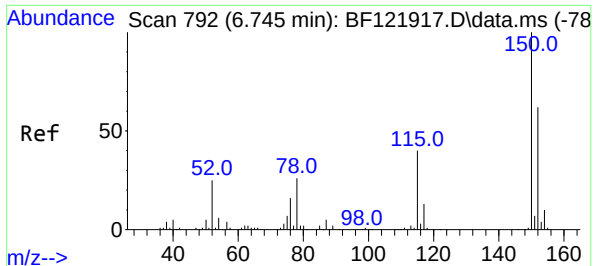
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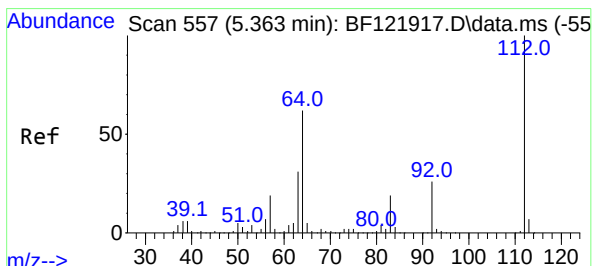
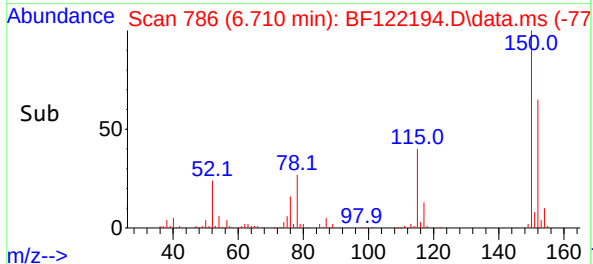
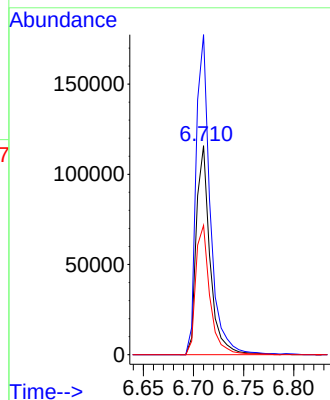
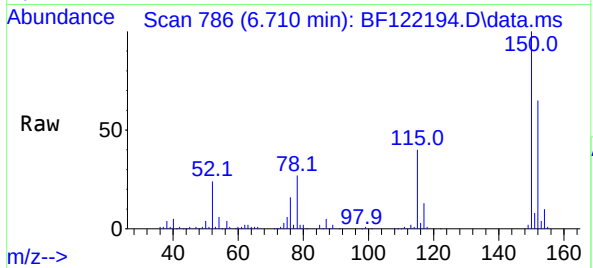
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion:152 Resp: 110164
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 61.9 51.9 77.9

Instrument :
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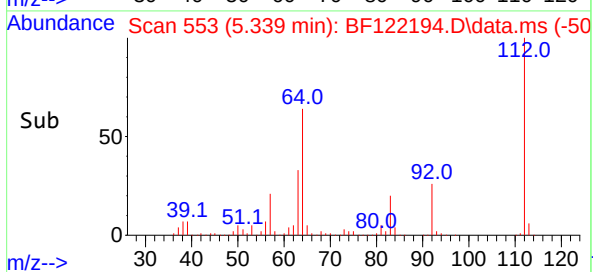
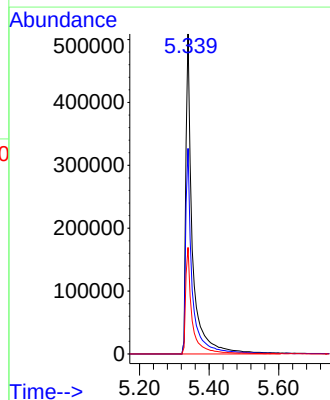
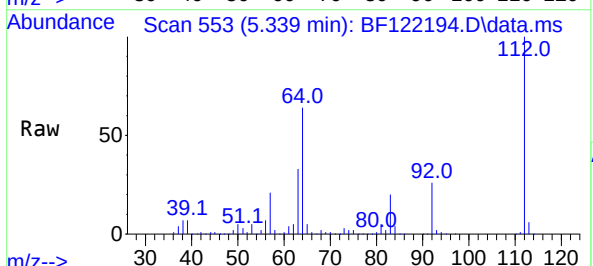
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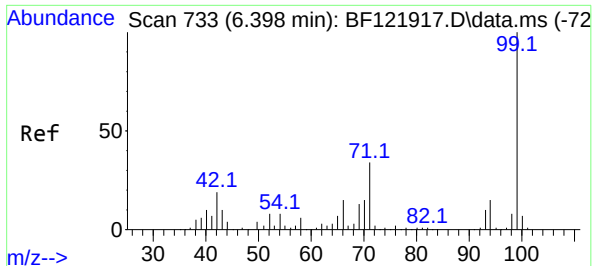
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#5
2-Fluorophenol
Concen: 90.97 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion:112 Resp: 678994
Ion Ratio Lower Upper
112 100
64 64.3 50.4 75.6
63 33.3 25.8 38.6





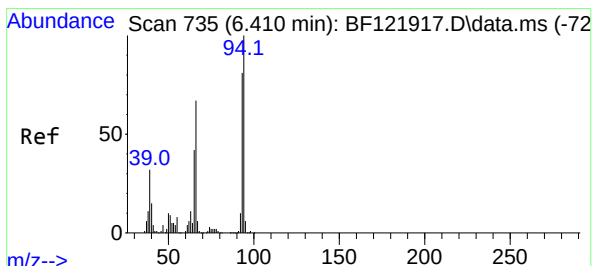
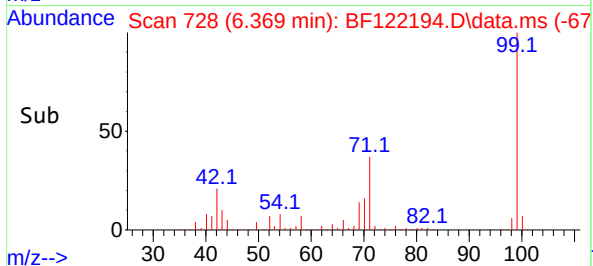
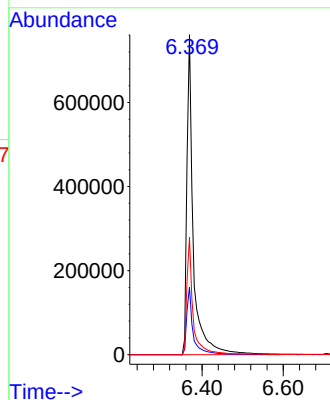
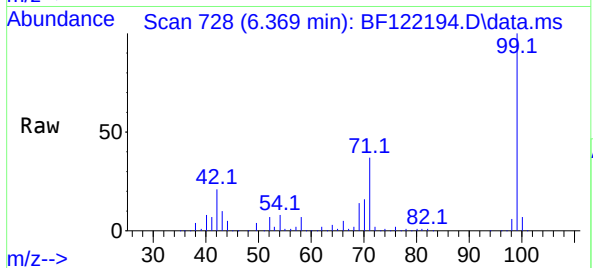
#7
Phenol-d6
Concen: 87.92 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion: 99 Resp: 844769
Ion Ratio Lower Upper
99 100
42 21.1 15.9 23.9
71 36.6 27.1 40.7

Instrument :
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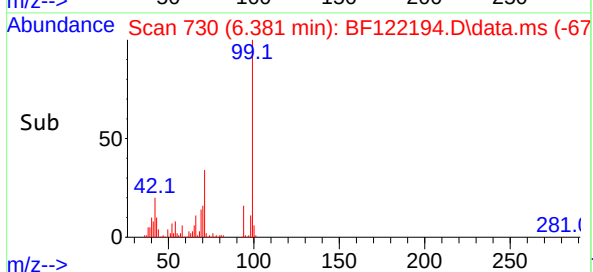
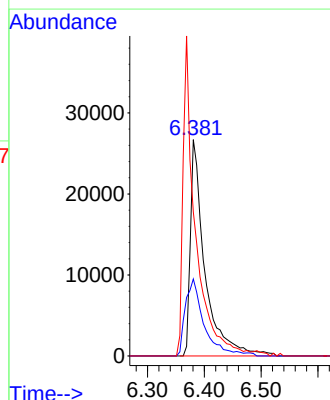
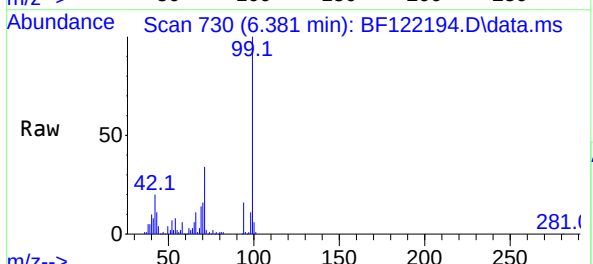
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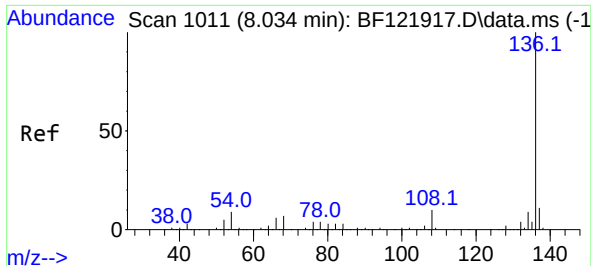
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#10
Phenol
Concen: 4.79 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.000 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion: 94 Resp: 47540
Ion Ratio Lower Upper
94 100
65 35.6 17.1 57.1
66 66.6 36.0 76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

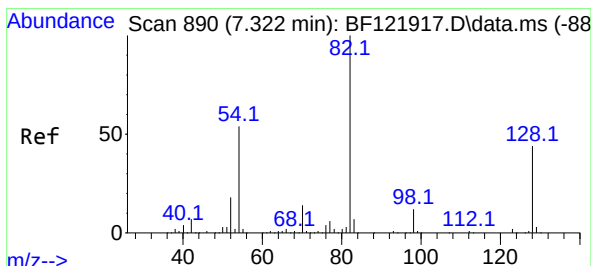
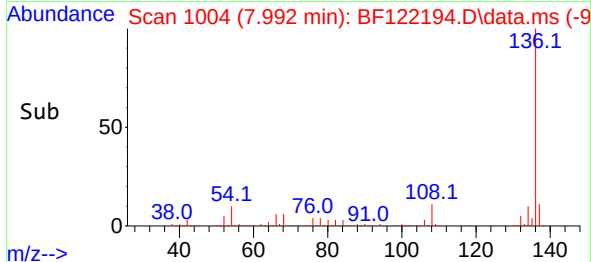
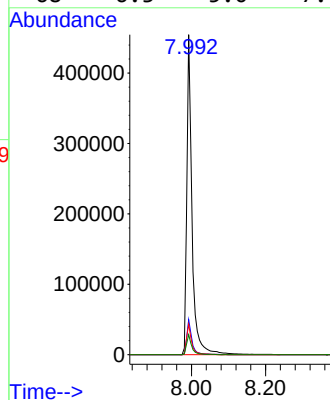
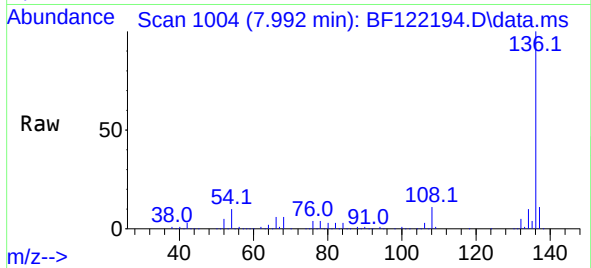
Tgt Ion: 136 Resp: 448431

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.5	7.1	10.7
68	6.3	5.0	7.4

Instrument :
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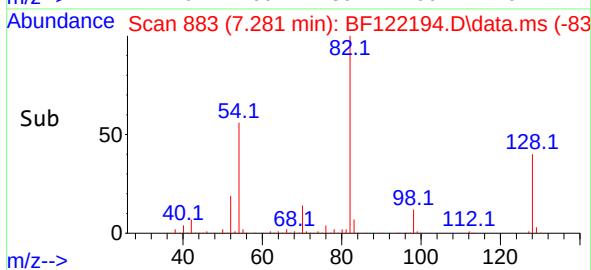
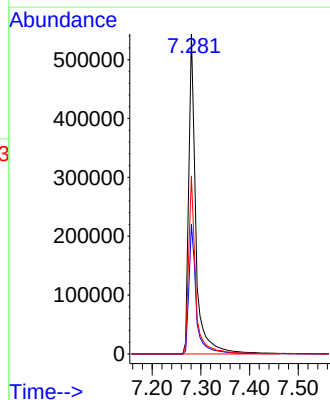
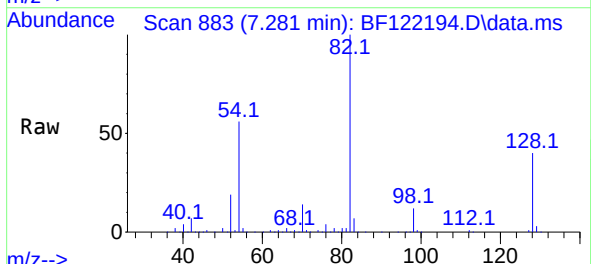
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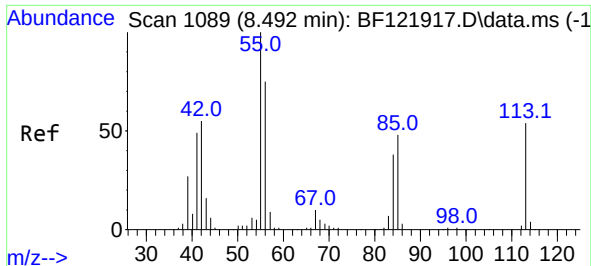


#23
Nitrobenzene-d5
Concen: 63.41 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion: 82 Resp: 554447

Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.0	52.4
54	55.6	43.9	65.9





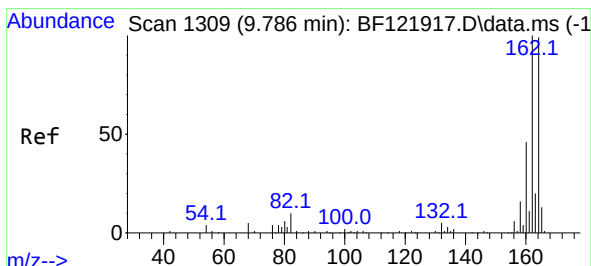
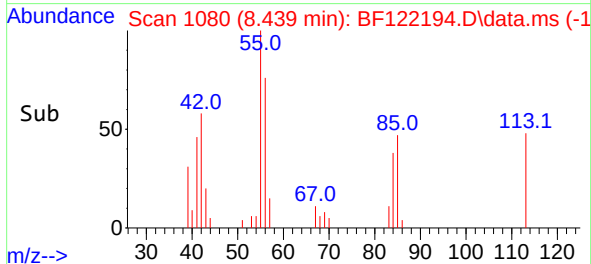
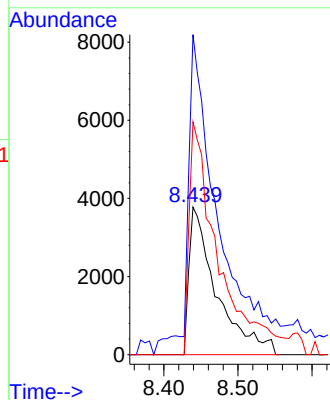
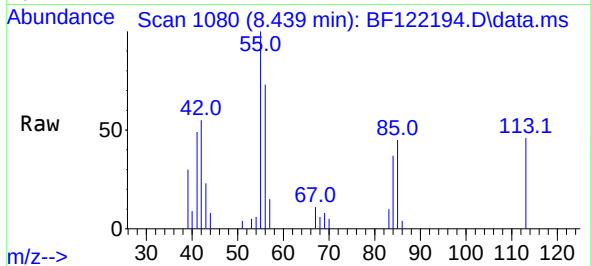
#35
Caprolactam
Concen: 4.46 ng
RT: 8.439 min Scan# 1080
Delta R.T. -0.024 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion:113 Resp: 9725
Ion Ratio Lower Upper
113 100
55 217.0 167.5 207.5#
56 157.9 121.2 161.2

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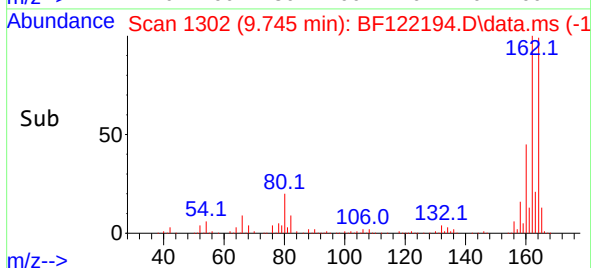
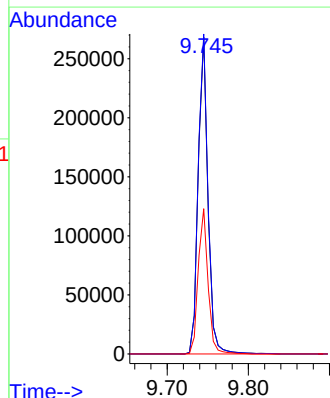
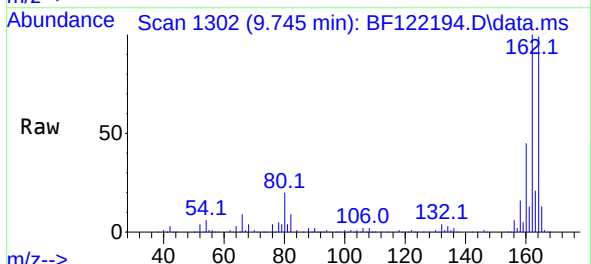
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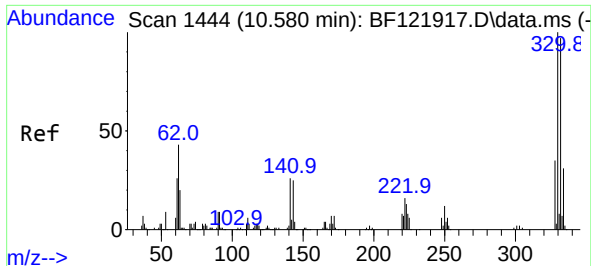
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

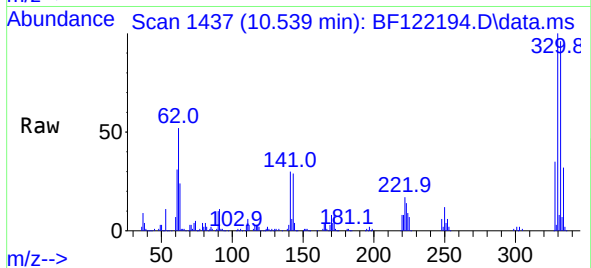
Tgt Ion:164 Resp: 225332
Ion Ratio Lower Upper
164 100
162 101.0 83.2 124.8
160 45.9 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 80.95 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

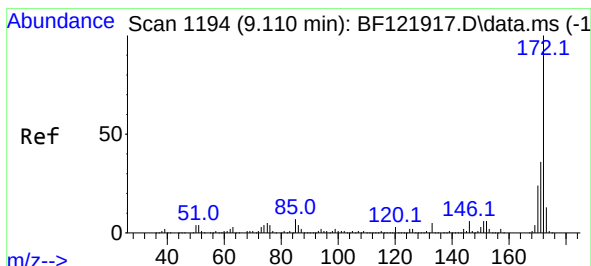
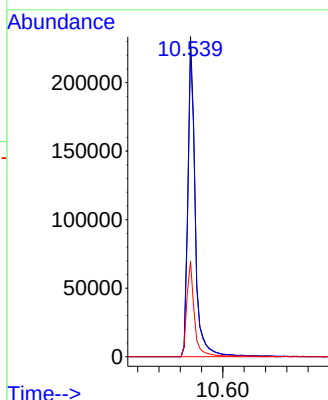
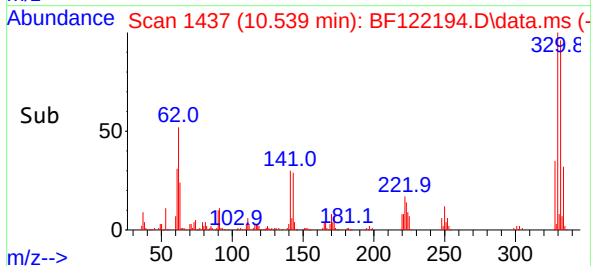
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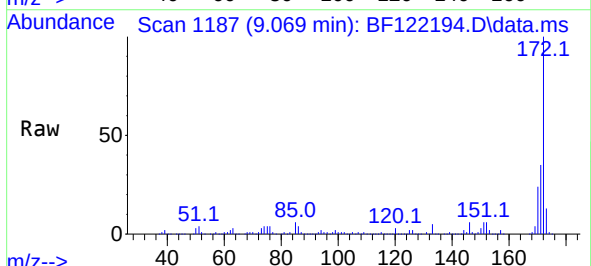
Tgt Ion:330 Resp: 225641
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 30.2 22.3 33.5

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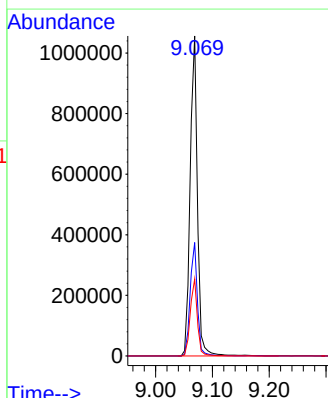
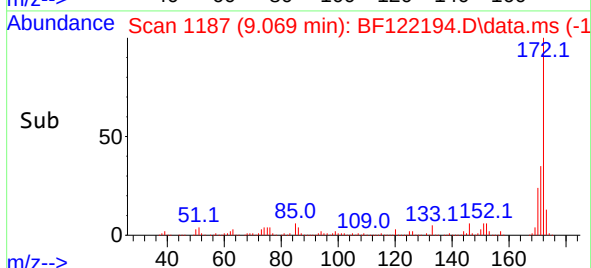
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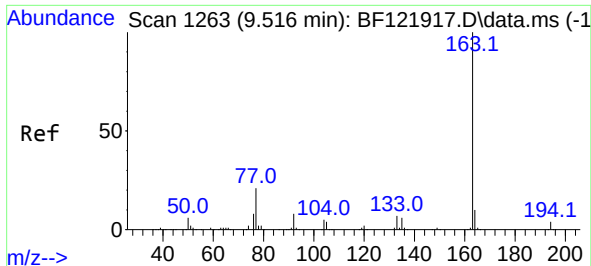


#45
2-Fluorobiphenyl
Concen: 61.31 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23



Tgt Ion:172 Resp: 938879
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 24.1 19.8 29.6





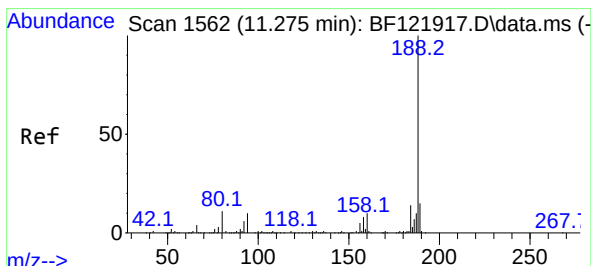
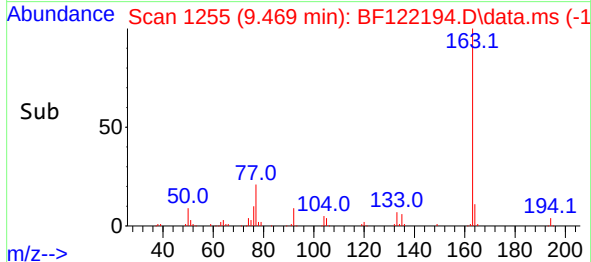
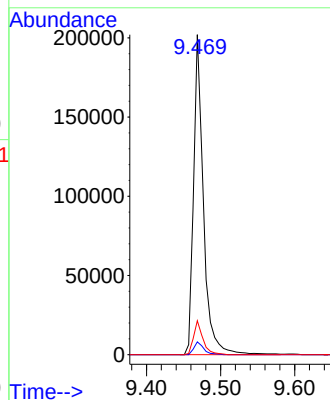
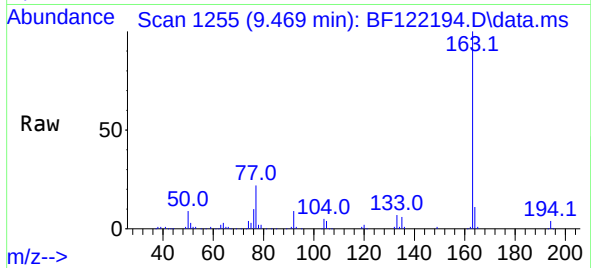
#50
Dimethylphthalate
Concen: 11.40 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion:163 Resp: 187817
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.2 12.4

Instrument :
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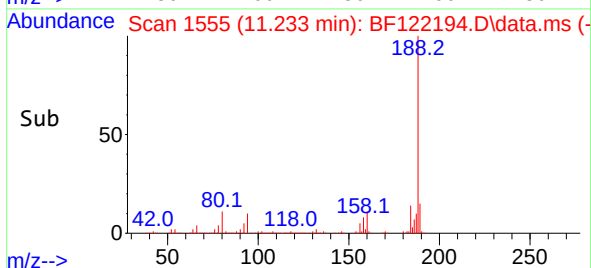
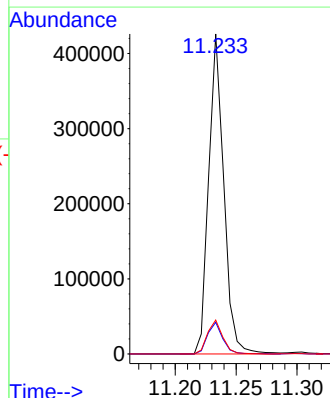
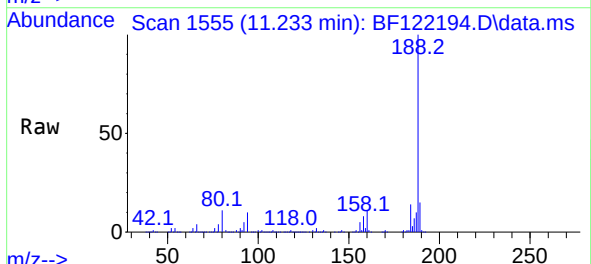
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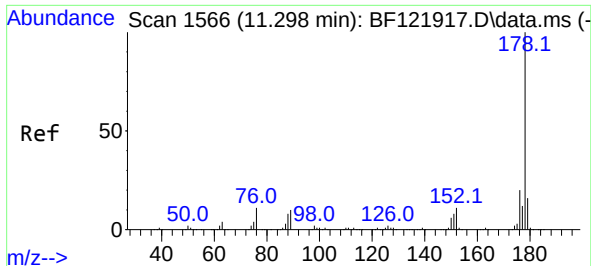
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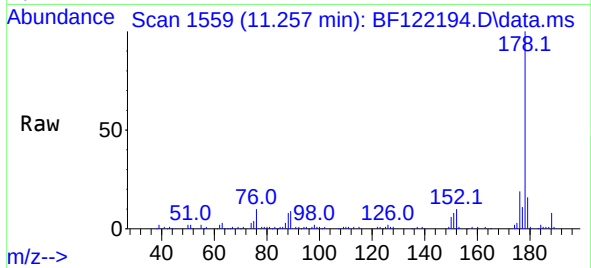
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion:188 Resp: 367890
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.6 9.1 13.7

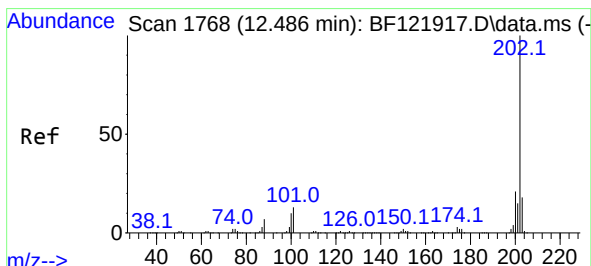
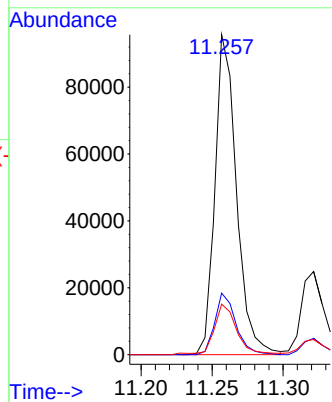
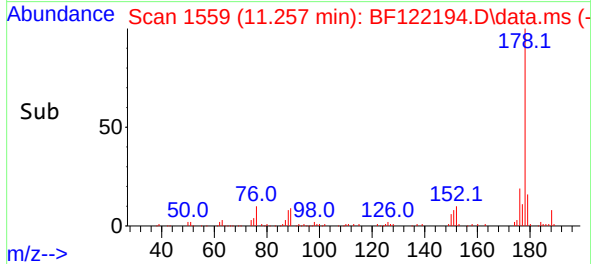




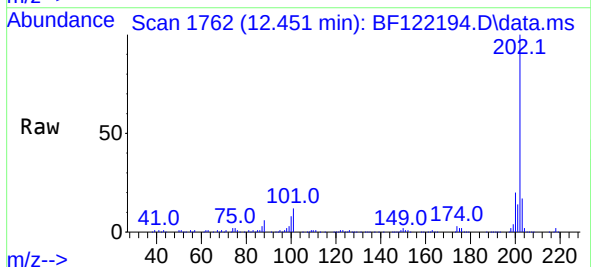
#71
Phenanthrene
Concen: 5.00 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23



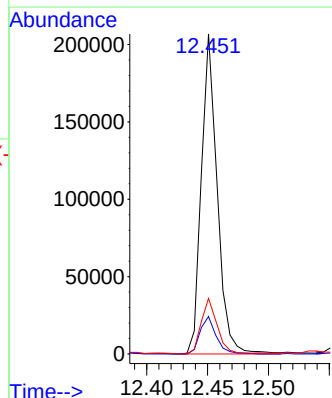
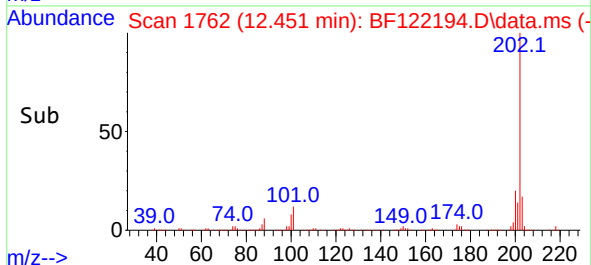
Tgt Ion:178 Resp: 100877
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.8 12.2 18.4



#75
Fluoranthene
Concen: 8.70 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23



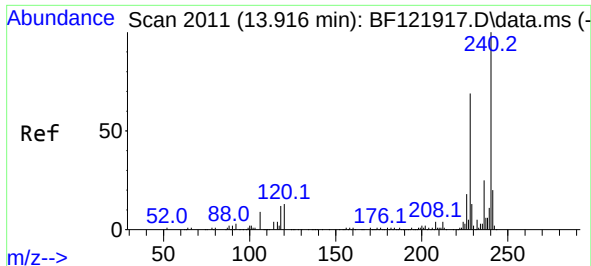
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Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.4
203 17.4 0.0 37.9



Instrument :
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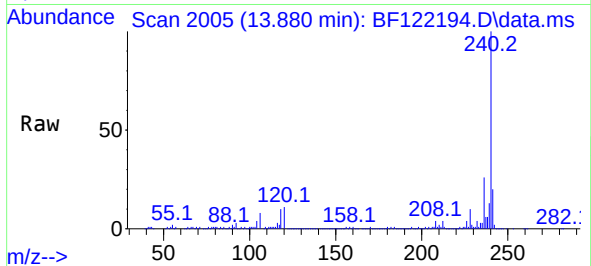
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122194.D
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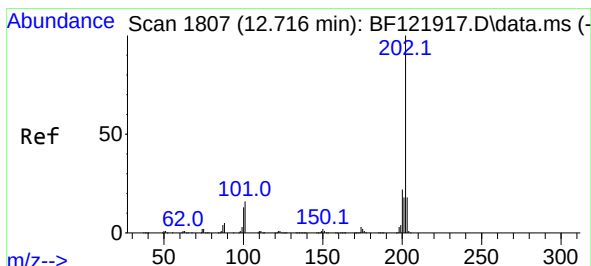
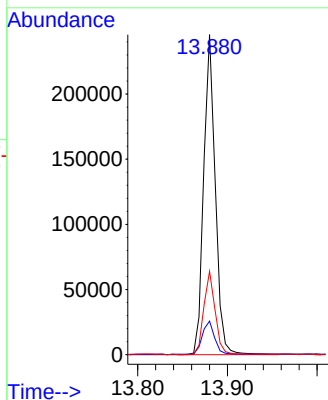
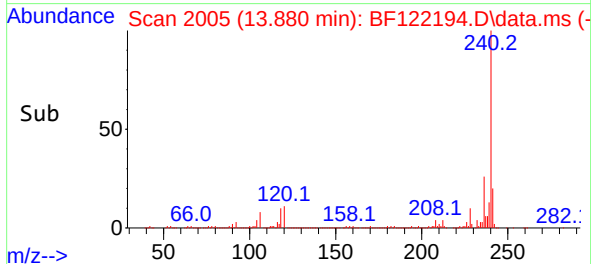
Instrument :
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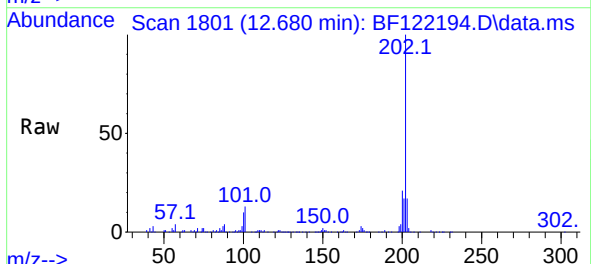
Tgt Ion:240 Resp: 220829
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 26.1 20.9 31.3

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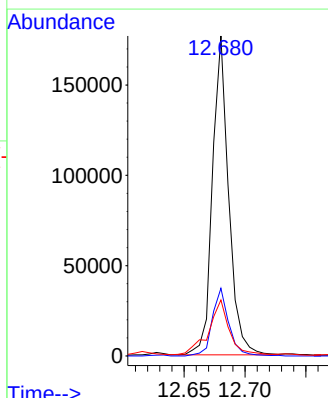
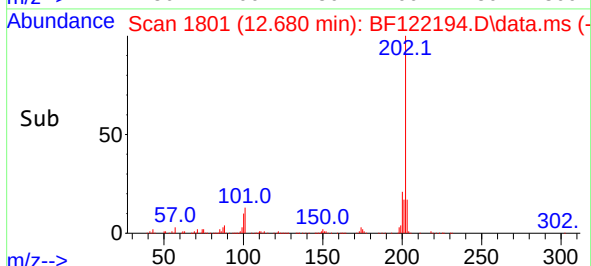
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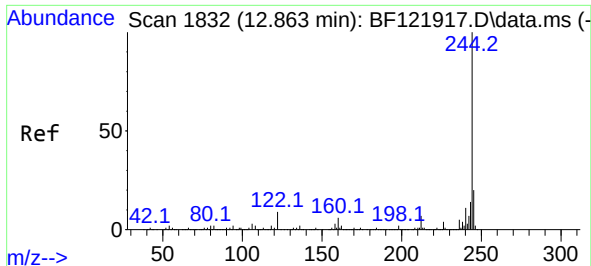


#78
Pyrene
Concen: 9.76 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

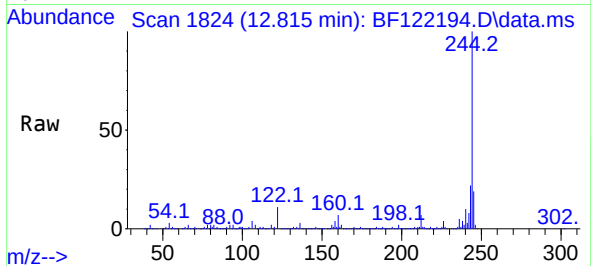


Tgt Ion:202 Resp: 164330
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.5 14.6 21.8

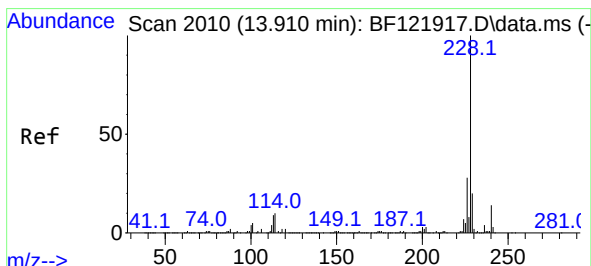
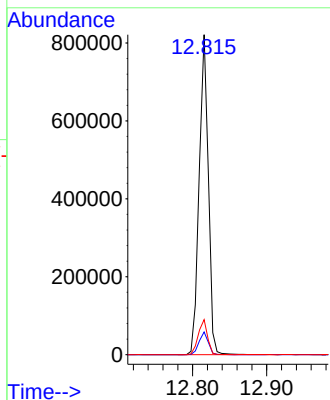
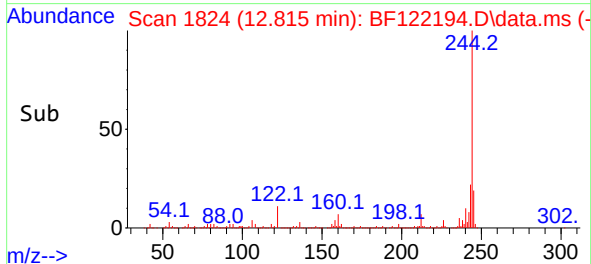




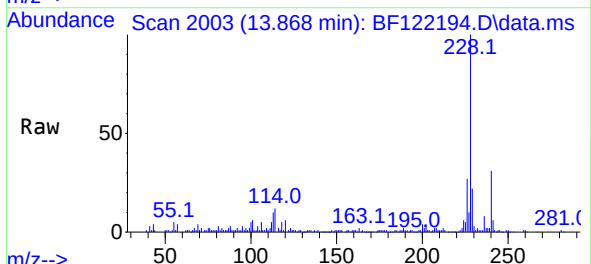
#79
Terphenyl-d14
Concen: 60.71 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23



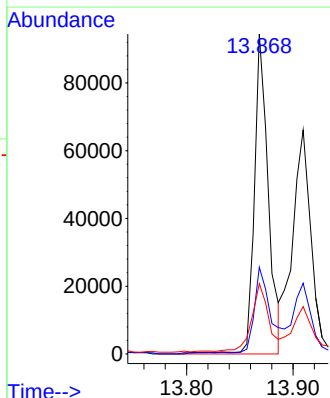
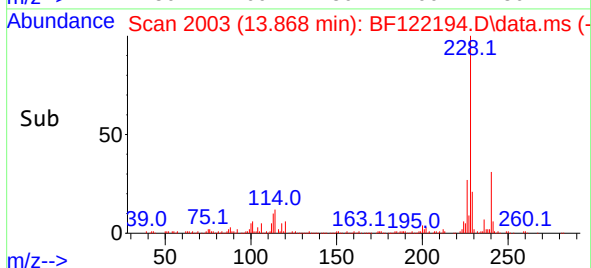
Tgt Ion:244 Resp: 703523
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.0 8.1 12.1



#81
Benzo(a)anthracene
Concen: 5.92 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23



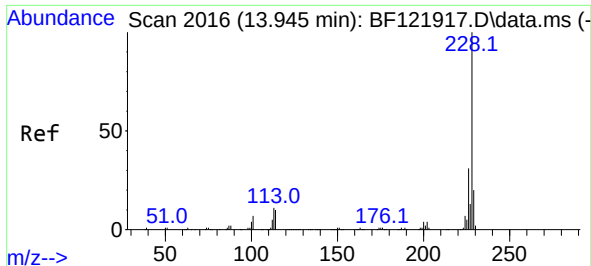
Tgt Ion:228 Resp: 85626
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 21.9 16.2 24.4



Instrument :
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ClientSampleId :
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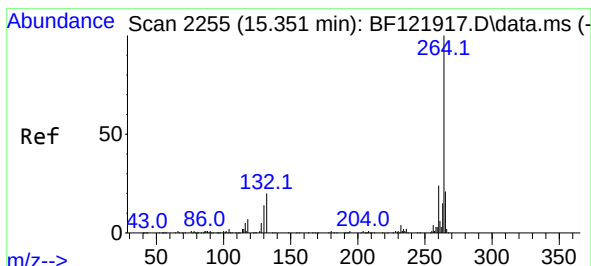
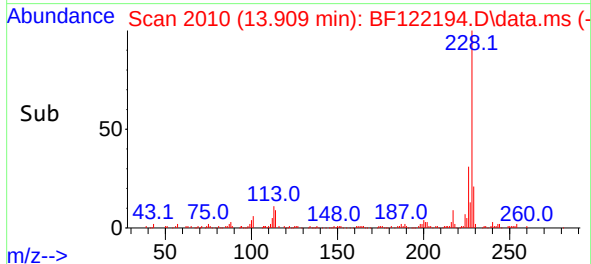
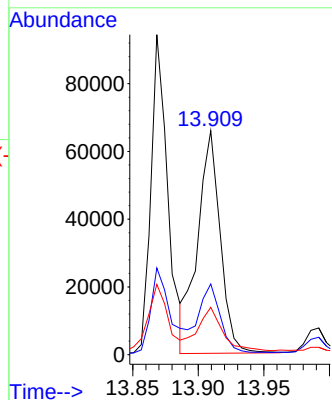
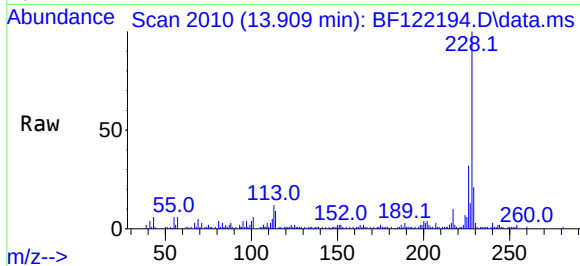
#83
Chrysene
Concen: 5.59 ng
RT: 13.909 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion:	228	Resp:	79414
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.6	37.0
229	21.1	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
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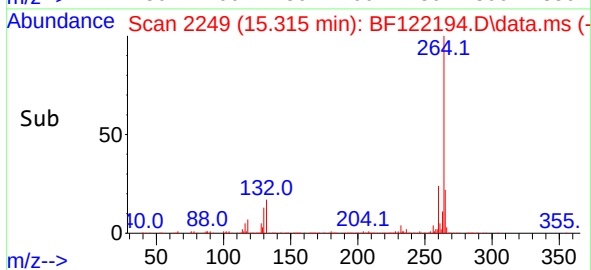
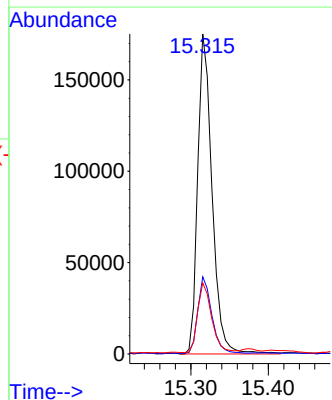
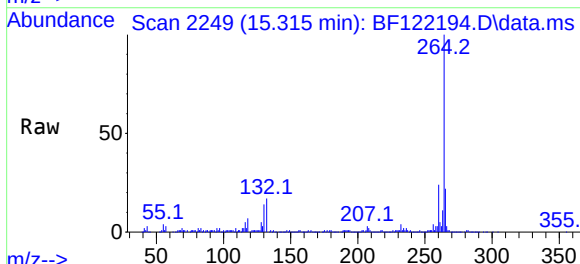
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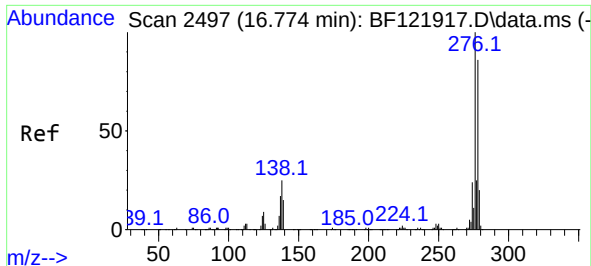
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. 0.012 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion:	264	Resp:	225723
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.7	28.1
265	22.2	17.3	25.9





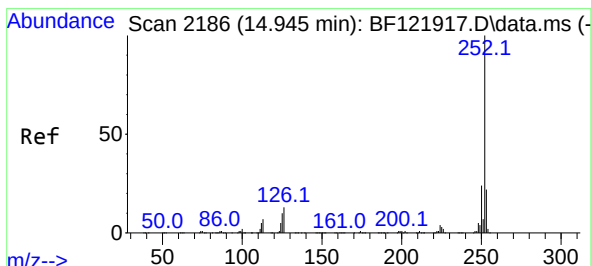
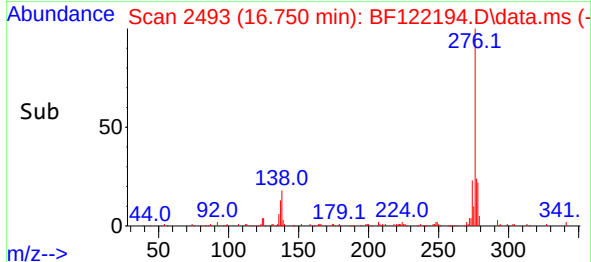
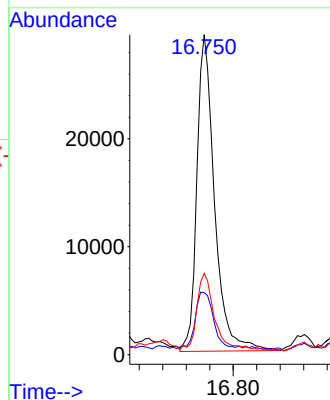
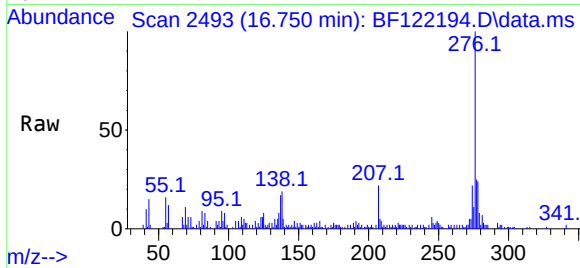
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.17 ng
RT: 16.750 min Scan# 2493
Delta R.T. 0.035 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion: 276 Resp: 61186
Ion Ratio Lower Upper
276 100
138 18.0 19.9 29.9#
277 23.4 20.4 30.6

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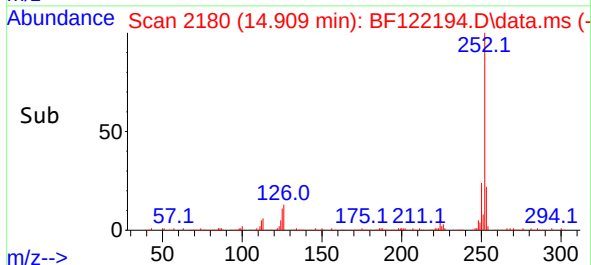
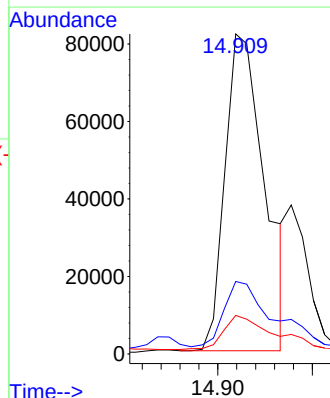
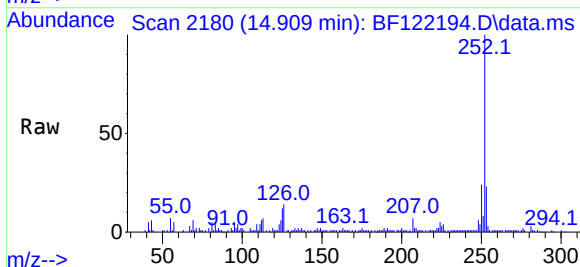
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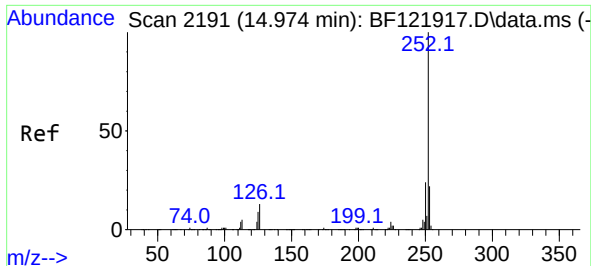
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#88
Benzo(b)fluoranthene
Concen: 7.80 ng m
RT: 14.909 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23

Tgt Ion: 252 Resp: 118973
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.0 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.12 ng m

RT: 14.939 min Scan# 2185

Delta R.T. 0.012 min

Lab File: BF122194.D

Acq: 30 Oct 2020 22:23

Tgt Ion:	252	Resp:	30718
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	13.1	7.7	11.5#

Instrument :

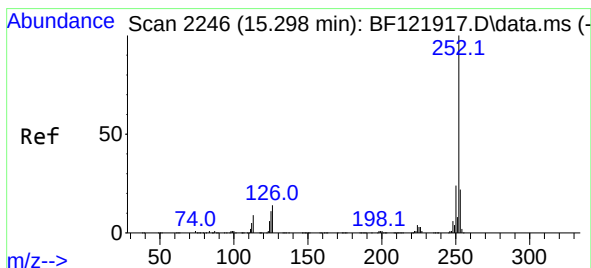
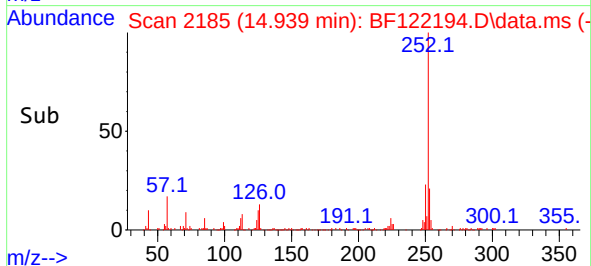
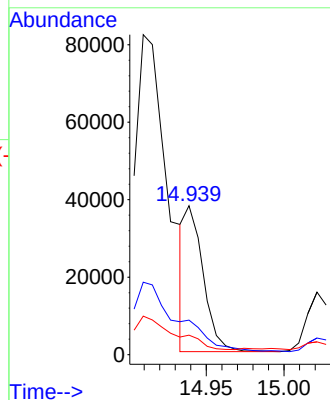
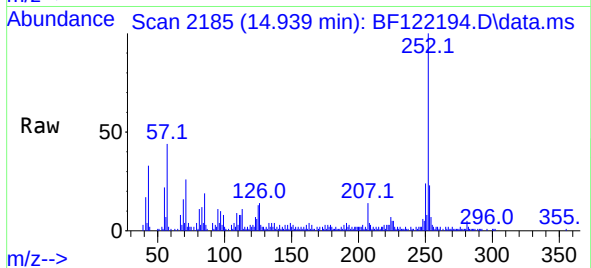
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ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 6.24 ng

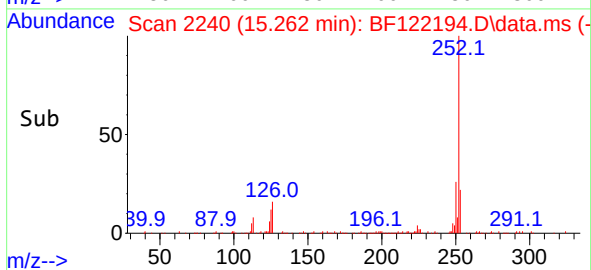
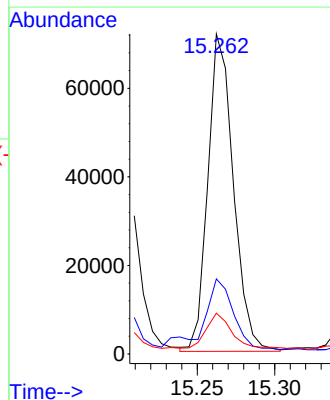
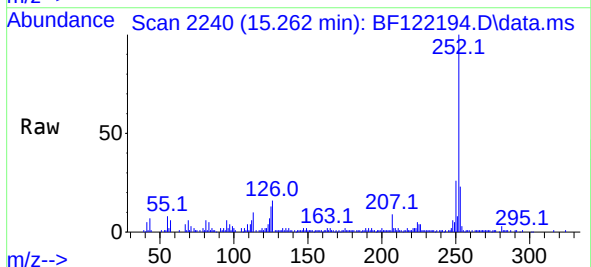
RT: 15.262 min Scan# 2240

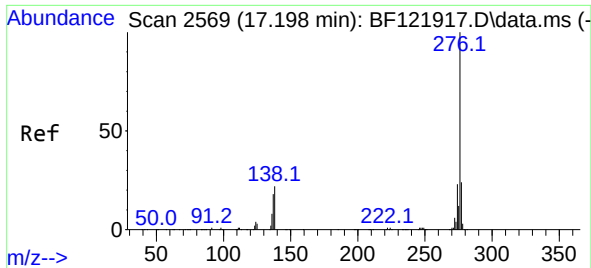
Delta R.T. 0.012 min

Lab File: BF122194.D

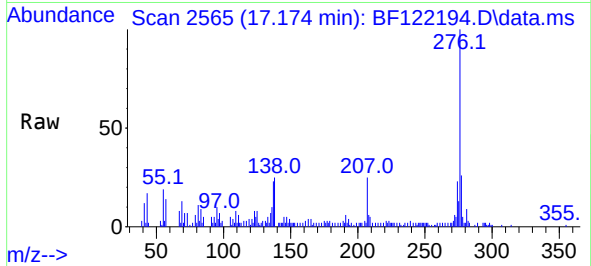
Acq: 30 Oct 2020 22:23

Tgt Ion:	252	Resp:	82232
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	12.8	8.6	13.0

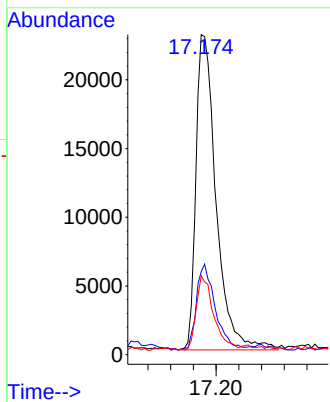
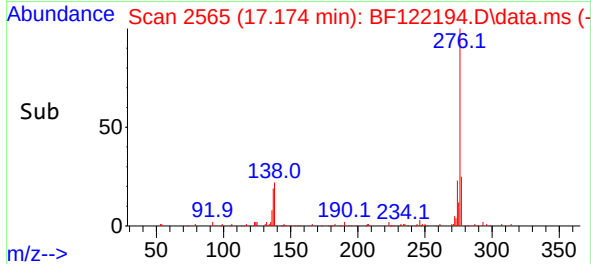




#92
Benzo(g,h,i)perylene
Concen: 4.69 ng
RT: 17.174 min Scan# 2565
Delta R.T. 0.041 min
Lab File: BF122194.D
Acq: 30 Oct 2020 22:23



Tgt Ion:	276	Resp:	56625
Ion Ratio	Lower	Upper	
276	100		
277	26.0	19.4	29.2
138	24.7	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
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