

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122197.D
 Acq On : 30 Oct 2020 23:56
 Operator : JU/CG
 Sample : L4564-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-017-B

Manual Integrations
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Quant Time: Nov 02 07:48:33 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	96860	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	371032	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	178179	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	274718	20.00	ng	0.00
76) Chrysene-d12	13.880	240	190543	20.00	ng	0.00
86) Perylene-d12	15.315	264	197708	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	238326	36.32	ng	0.01
7) Phenol-d6	6.369	99	421184	49.86	ng	0.00
23) Nitrobenzene-d5	7.281	82	329858	45.59	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	45248	20.53	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	577975	47.73	ng	0.00
79) Terphenyl-d14	12.816	244	394835	39.49	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.387	94	26906	3.09	ng	# 81
50) Dimethylphthalate	9.469	163	112564	8.64	ng	100
71) Phenanthrene	11.257	178	41081	2.73	ng	99
75) Fluoranthene	12.451	202	85767	5.31	ng	98
78) Pyrene	12.680	202	79572	5.48	ng	99
81) Benzo(a)anthracene	13.868	228	44495	3.56	ng	98
83) Chrysene	13.910	228	42573	3.47	ng	98
87) Indeno(1,2,3-cd)pyrene	16.751	276	31198m	2.43	ng	
88) Benzo(b)fluoranthene	14.910	252	65047m	4.87	ng	
90) Benzo(a)pyrene	15.262	252	46719	4.05	ng	# 96
92) Benzo(g,h,i)perylene	17.180	276	30190	2.85	ng	97

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

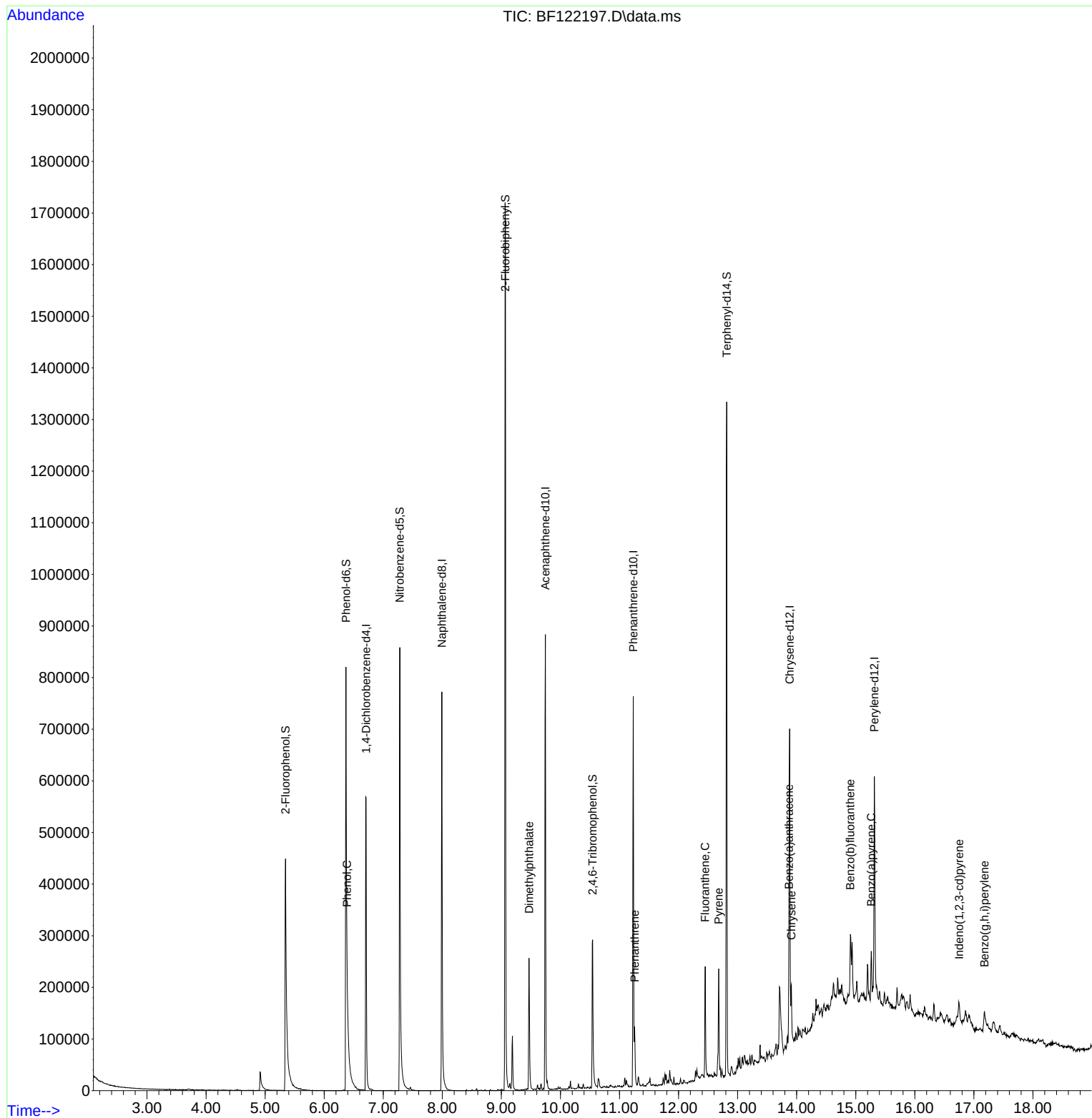
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Data File : BF122197.D
Acq On : 30 Oct 2020 23:56
Operator : JU/CG
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Misc :
ALS Vial : 20 Sample Multiplier: 1

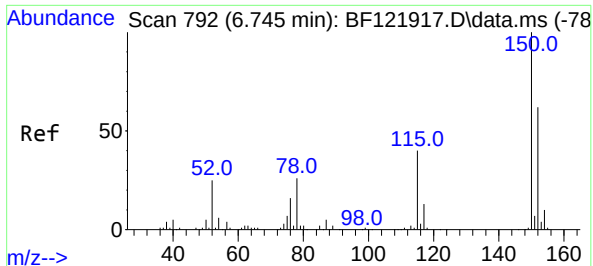
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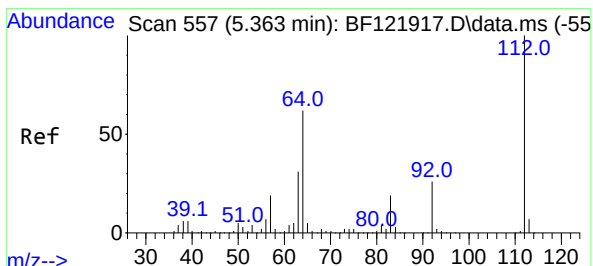
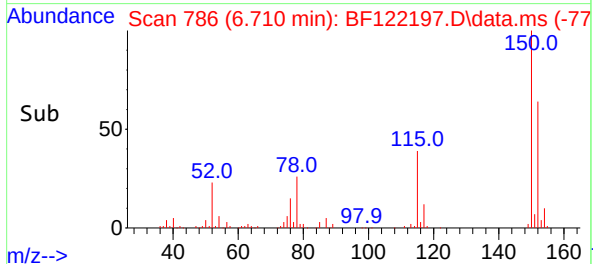
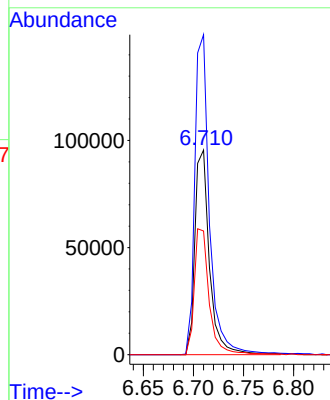
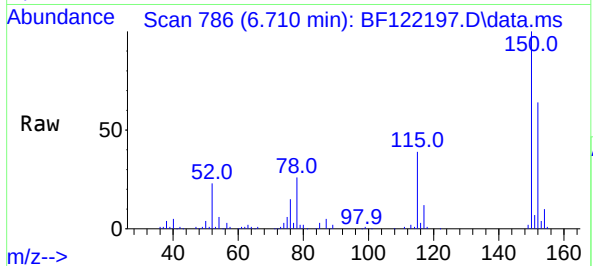
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:152 Resp: 96860
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 60.4 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

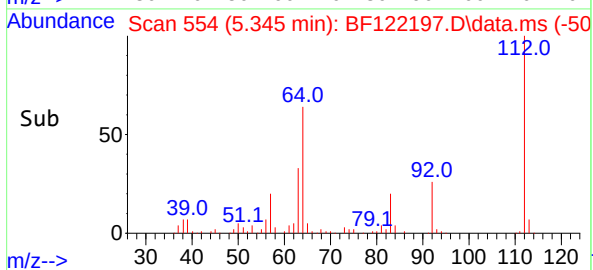
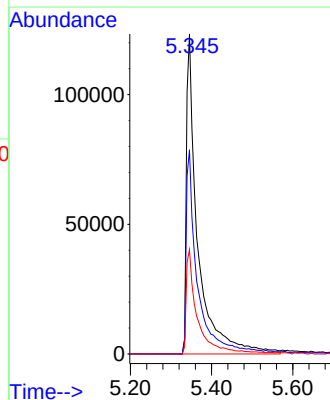
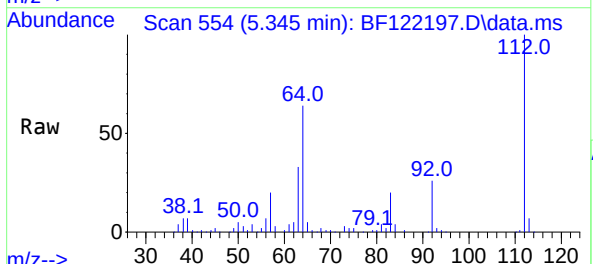
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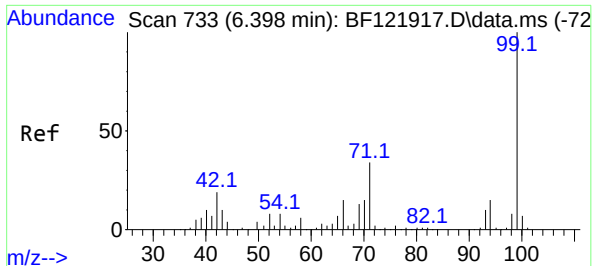
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#5
2-Fluorophenol
Concen: 36.32 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:112 Resp: 238326
Ion Ratio Lower Upper
112 100
64 63.8 50.4 75.6
63 32.6 25.8 38.6





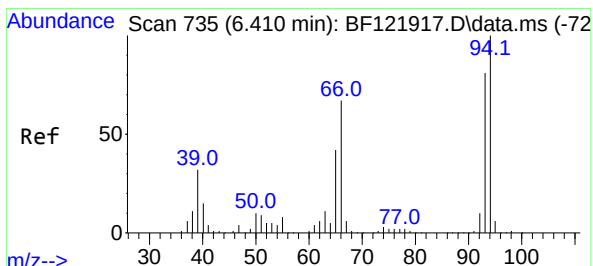
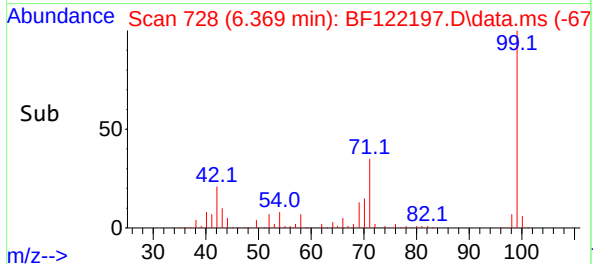
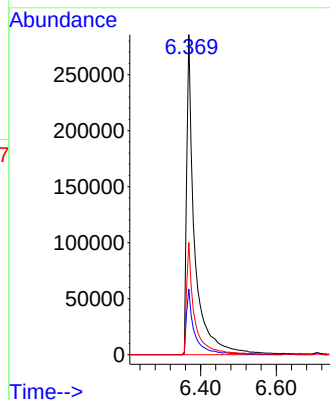
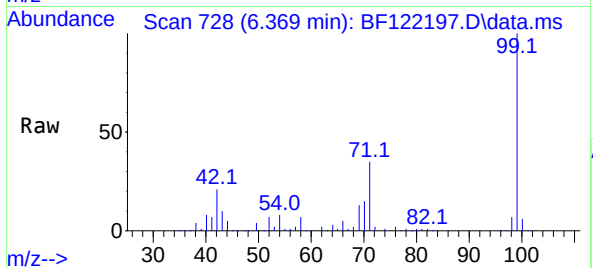
#7
Phenol-d6
Concen: 49.86 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion: 99 Resp: 421184
Ion Ratio Lower Upper
99 100
42 20.6 15.9 23.9
71 35.1 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
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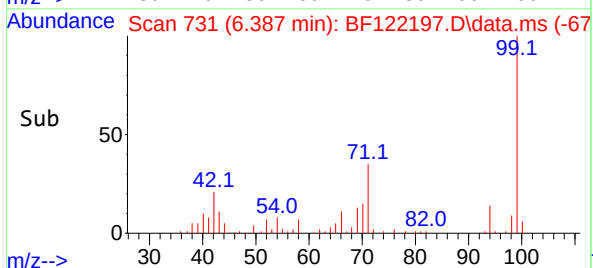
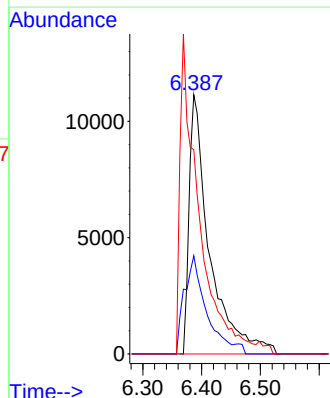
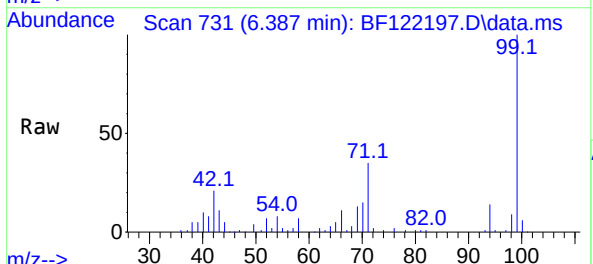
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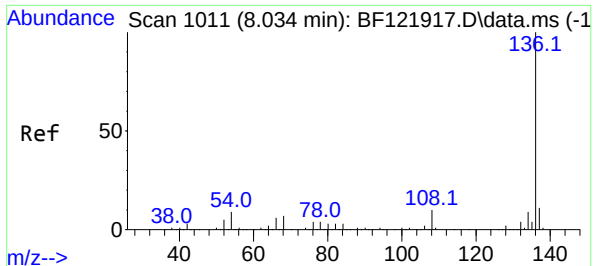
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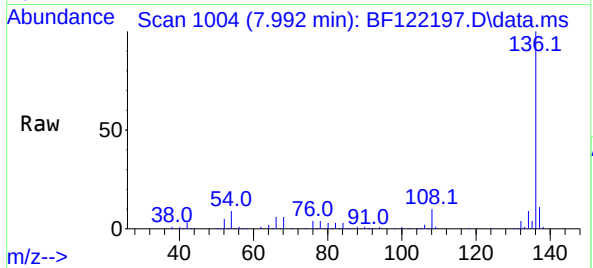
#10
Phenol
Concen: 3.09 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion: 94 Resp: 26906
Ion Ratio Lower Upper
94 100
65 37.9 17.1 57.1
66 78.8 36.0 76.0#



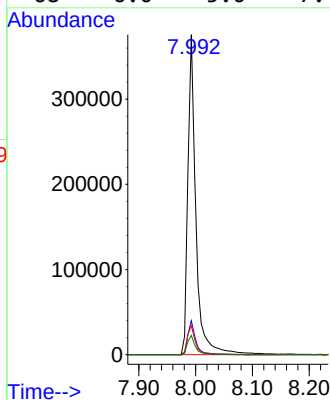


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56



Tgt Ion: 136 Resp: 371032

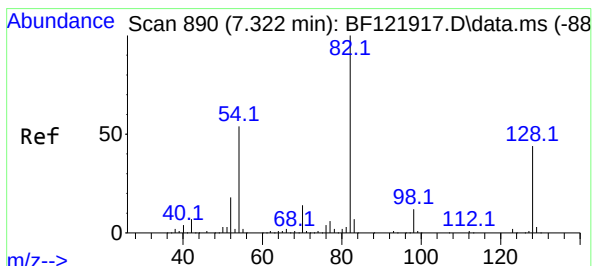
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.1	7.1	10.7
68	6.0	5.0	7.4



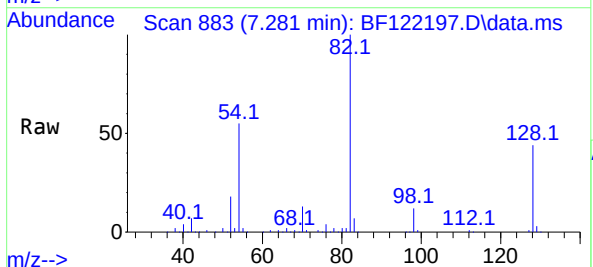
Instrument :
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ClientSampleId :
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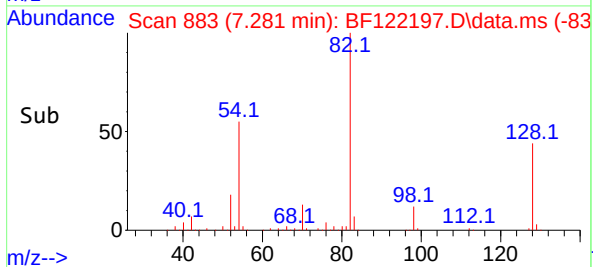
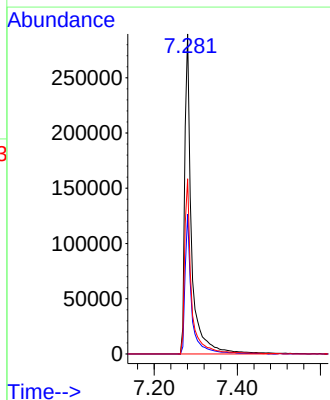


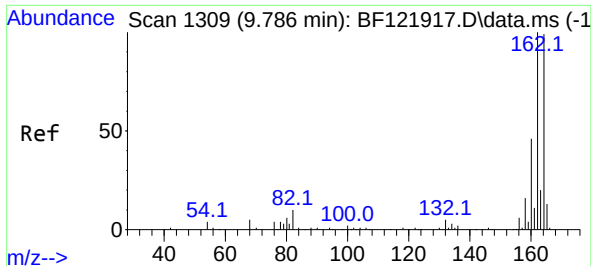
#23
Nitrobenzene-d5
Concen: 45.59 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56



Tgt Ion: 82 Resp: 329858

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.0	52.4
54	54.7	43.9	65.9





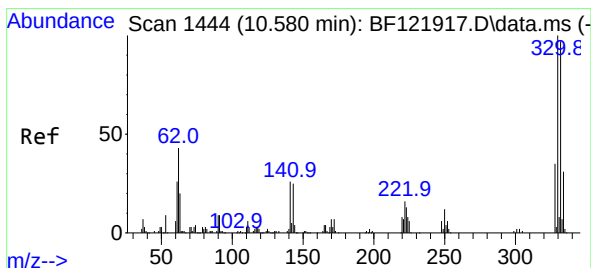
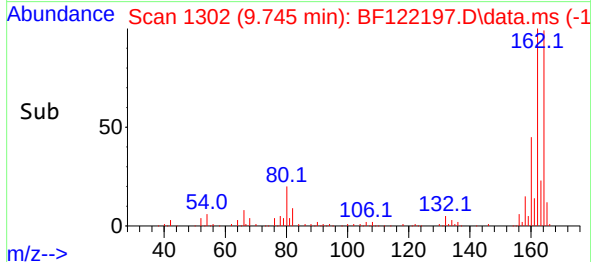
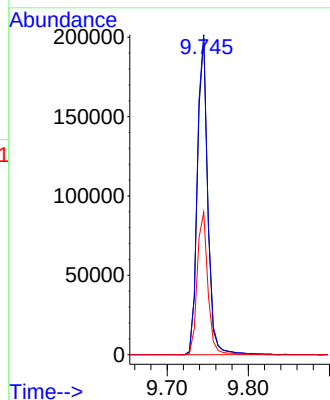
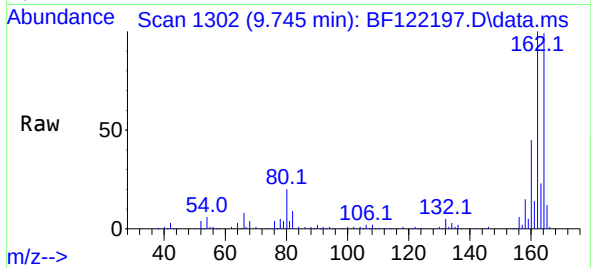
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:164 Resp: 178179
Ion Ratio Lower Upper
164 100
162 101.1 83.2 124.8
160 45.0 37.5 56.3

Instrument :
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ClientSampleId :
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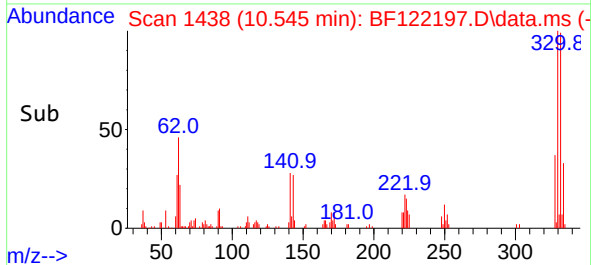
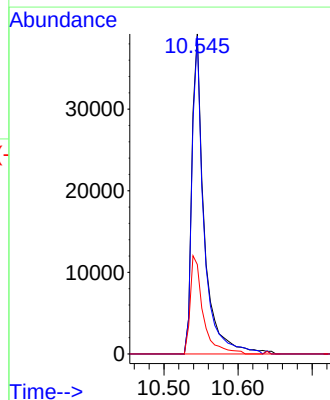
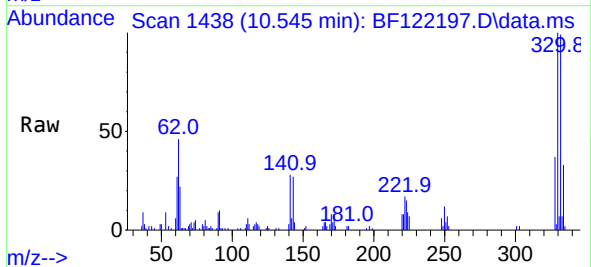
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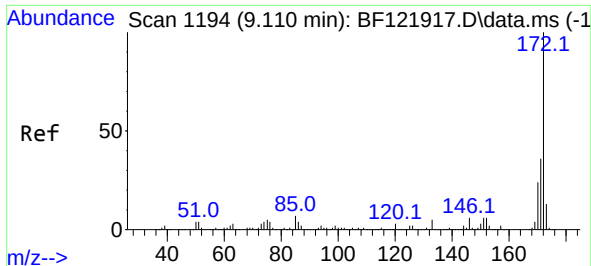
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#42
2,4,6-Tribromophenol
Concen: 20.53 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

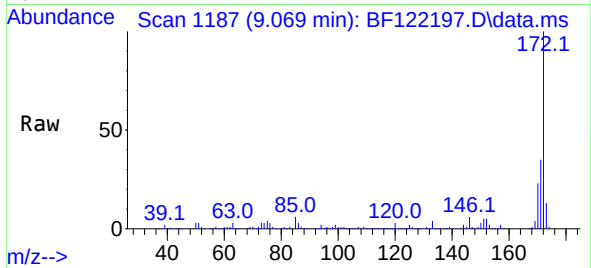
Tgt Ion:330 Resp: 45248
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 32.1 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 47.73 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

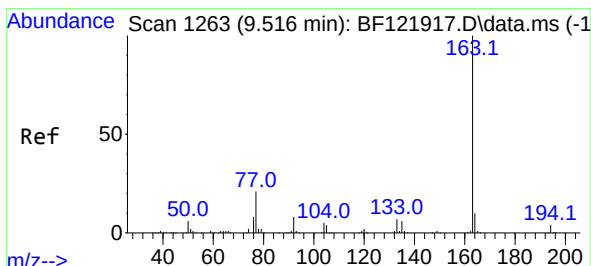
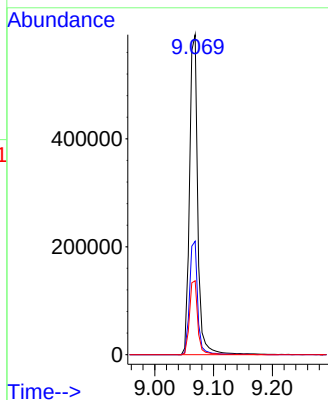
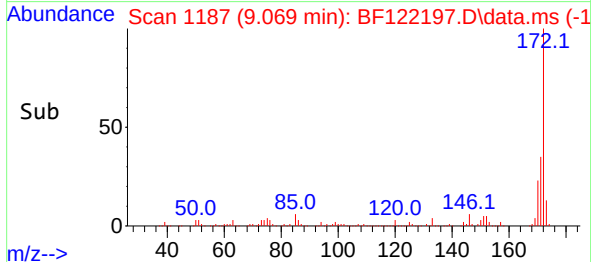
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ClientSampleId :
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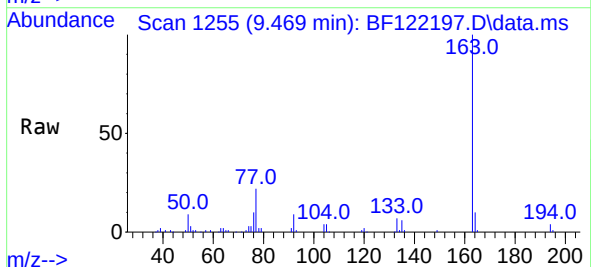
Tgt Ion:172 Resp: 577975
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.1 19.8 29.6

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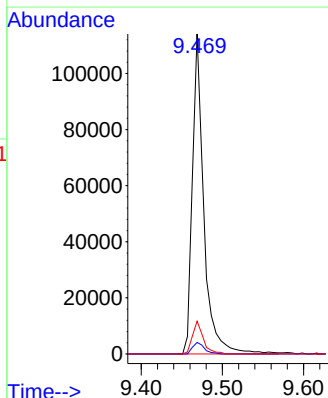
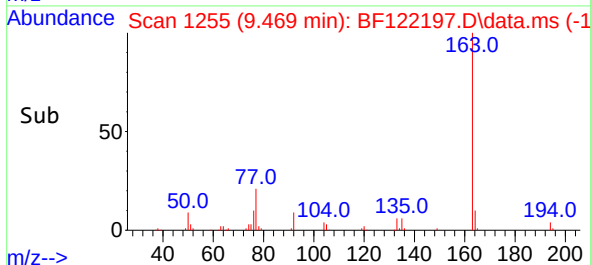
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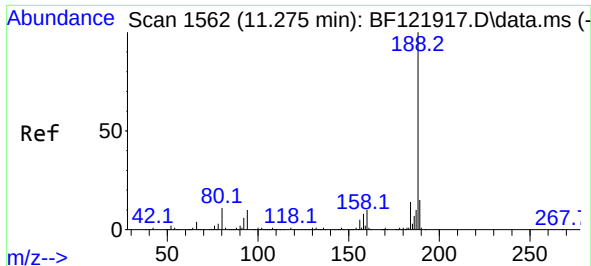


#50
Dimethylphthalate
Concen: 8.64 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56



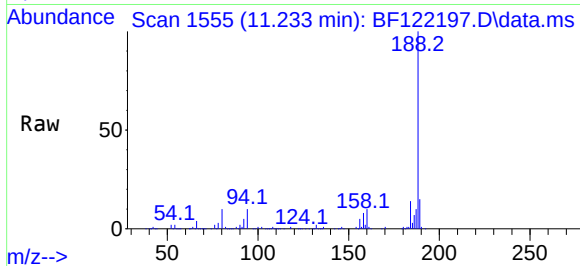
Tgt Ion:163 Resp: 112564
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.3 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

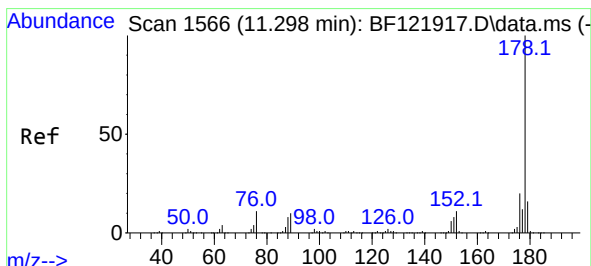
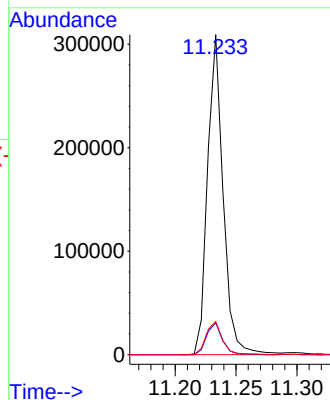
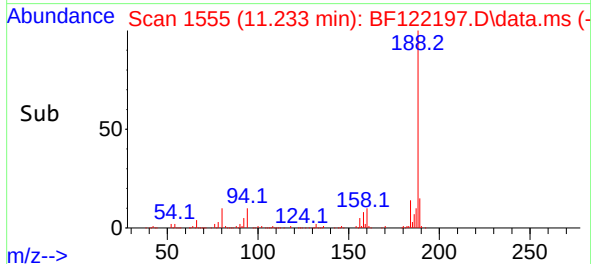
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FK-GF-03-017-B



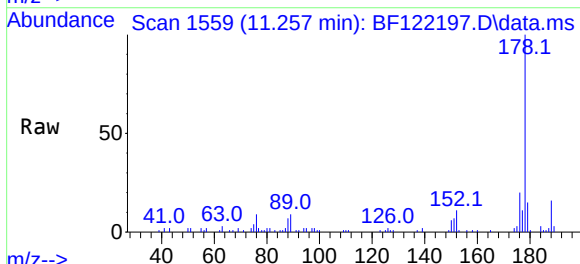
Tgt Ion:188 Resp: 274718
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.4 9.1 13.7

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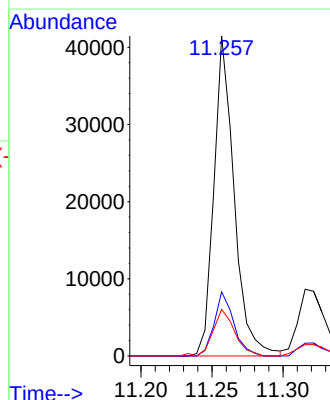
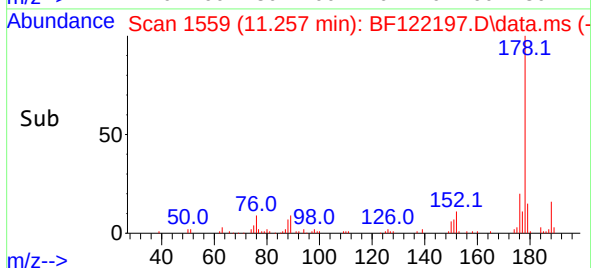
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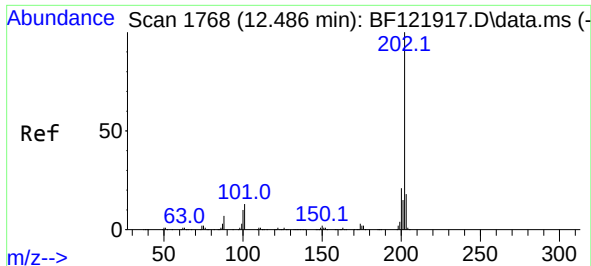


#71
Phenanthrene
Concen: 2.73 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56



Tgt Ion:178 Resp: 41081
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 14.5 12.2 18.4





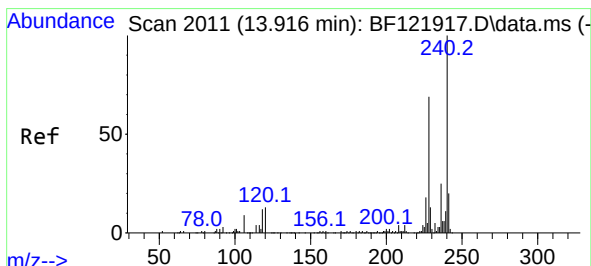
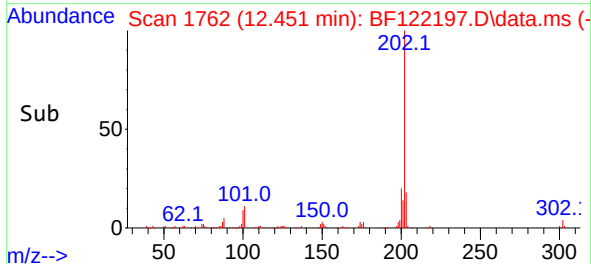
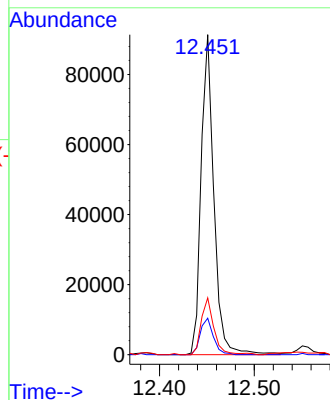
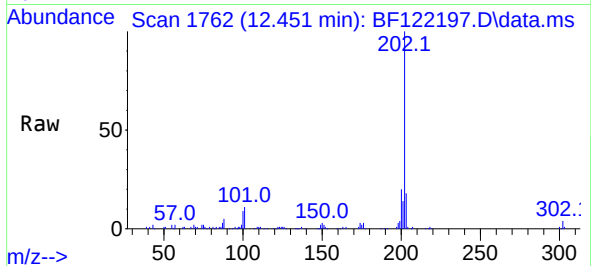
#75
Fluoranthene
Concen: 5.31 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:	202	Resp:	85767
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	33.4
203	17.8	0.0	37.9

Instrument :
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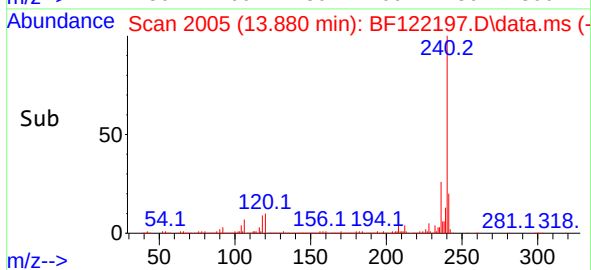
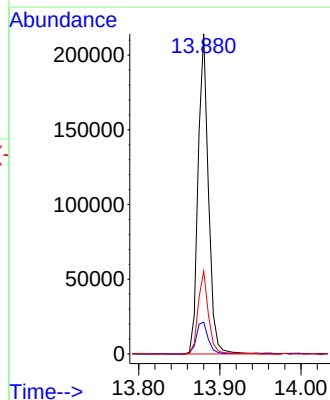
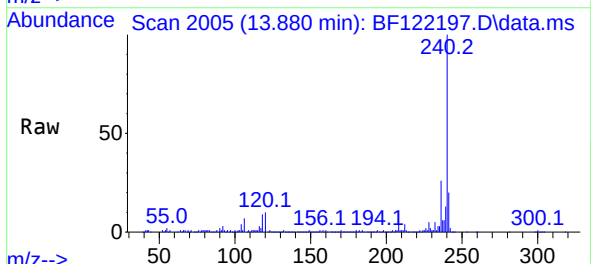
Manual Integrations
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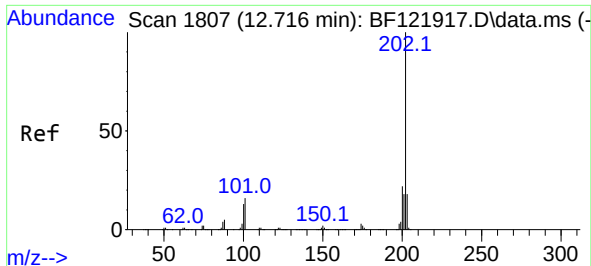
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:	240	Resp:	190543
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.2	13.8
236	25.9	20.9	31.3





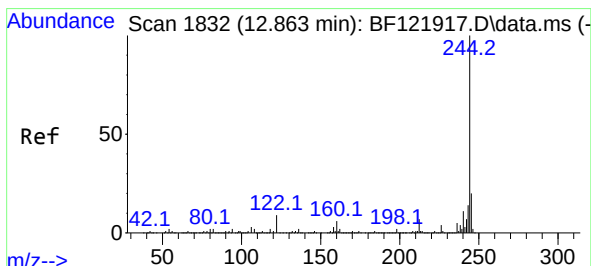
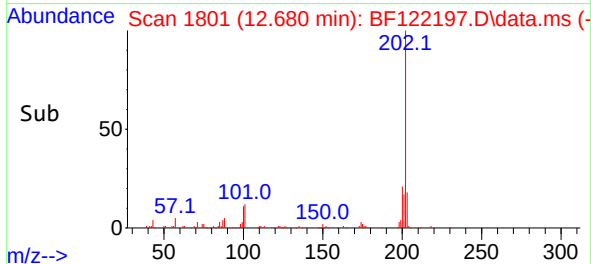
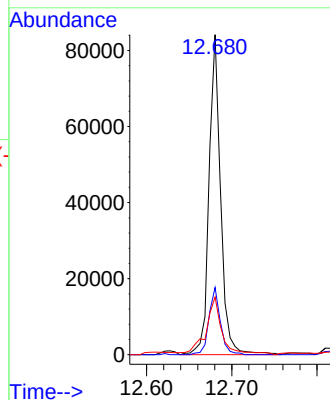
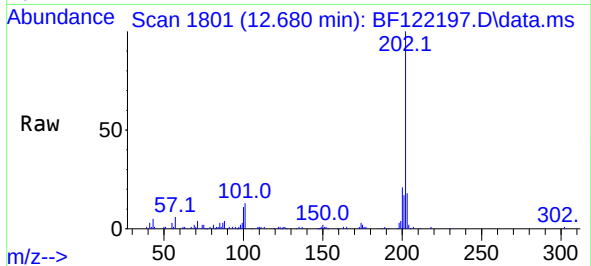
#78
Pyrene
Concen: 5.48 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:202 Resp: 79572
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.0 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

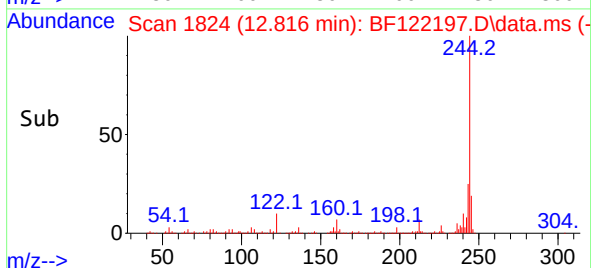
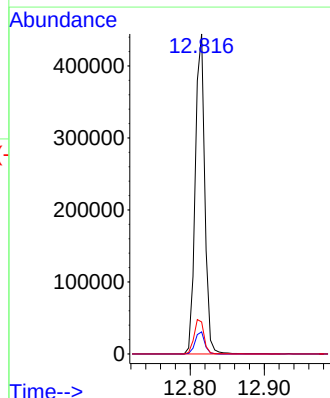
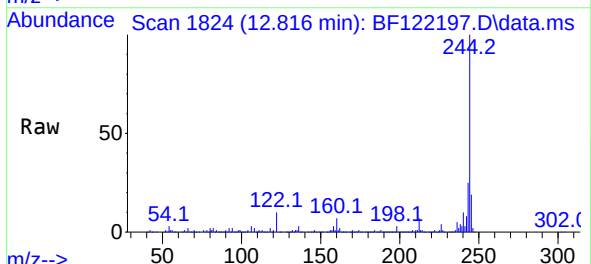
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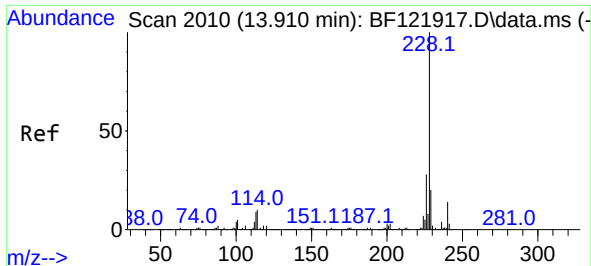
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#79
Terphenyl-d14
Concen: 39.49 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:244 Resp: 394835
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.0 8.1 12.1





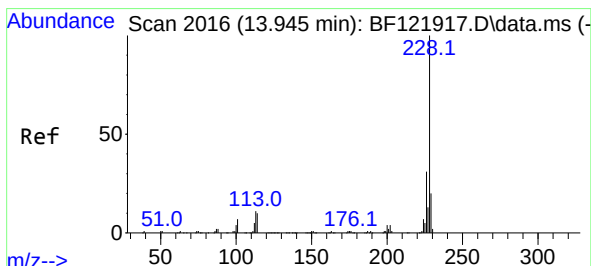
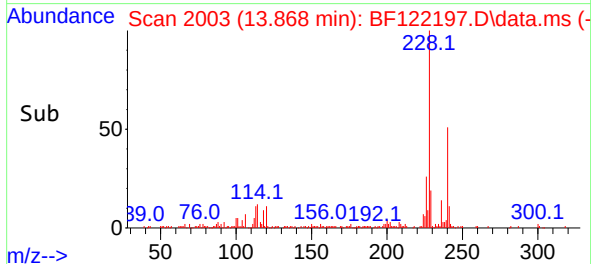
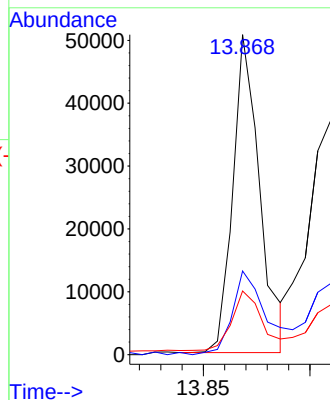
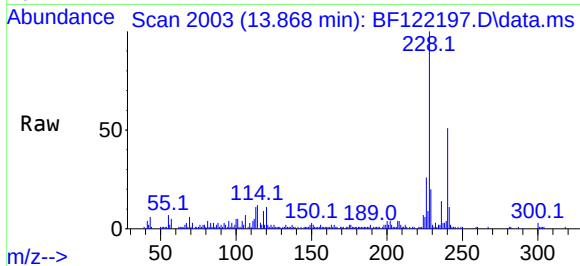
#81
Benzo(a)anthracene
Concen: 3.56 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:	228	Resp:	44495
Ion Ratio	Lower	Upper	
228	100		
226	26.2	22.3	33.5
229	19.9	16.2	24.4

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

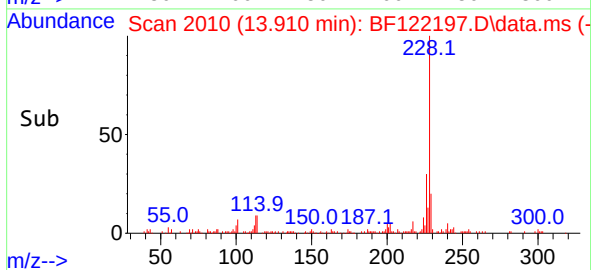
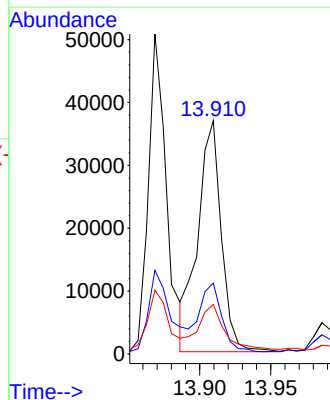
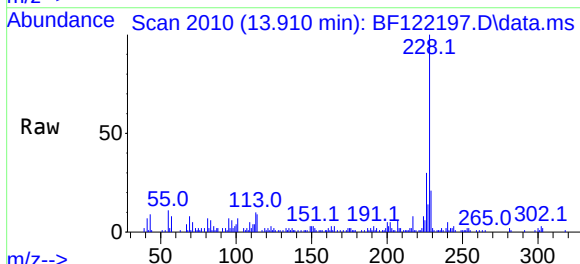
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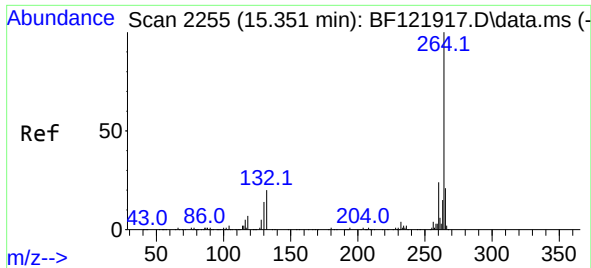
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#83
Chrysene
Concen: 3.47 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:	228	Resp:	42573
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.6	37.0
229	21.2	15.9	23.9





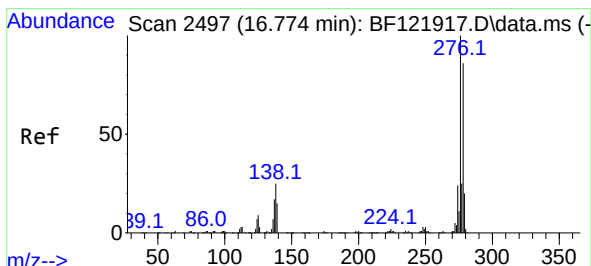
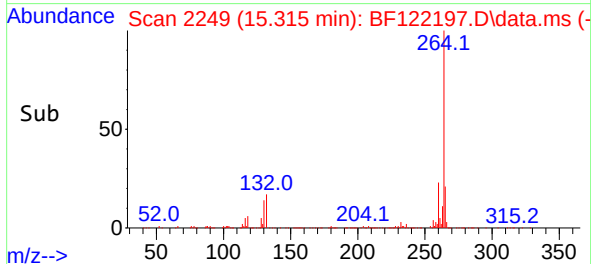
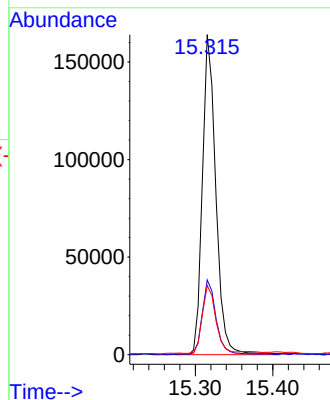
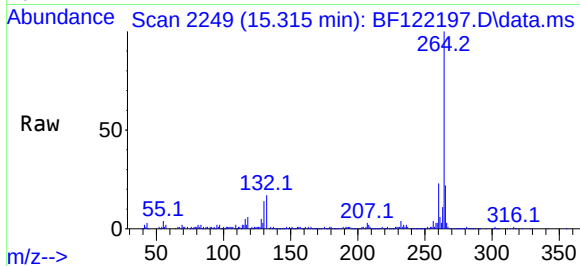
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.315 min Scan# 2249
Delta R.T. 0.012 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:264 Resp: 197708
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.6 17.3 25.9

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

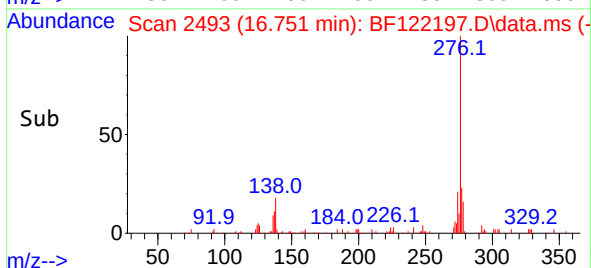
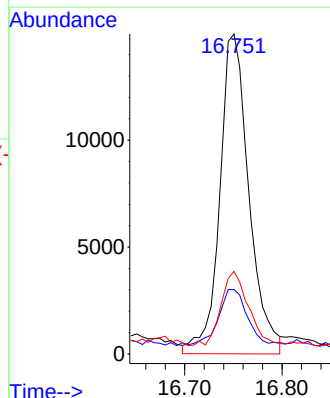
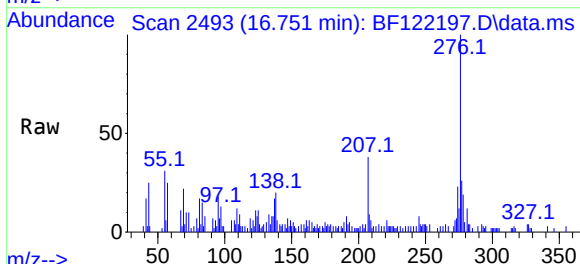
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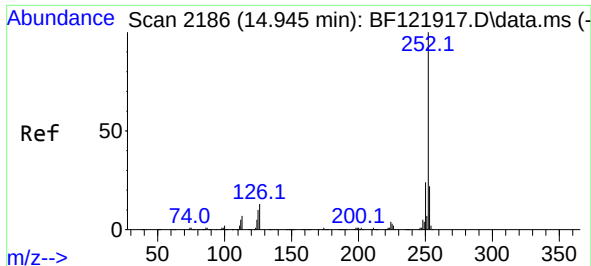
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.43 ng m
RT: 16.751 min Scan# 2493
Delta R.T. 0.035 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:276 Resp: 31198
Ion Ratio Lower Upper
276 100
138 3.2 19.9 29.9#
277 3.1 20.4 30.6#





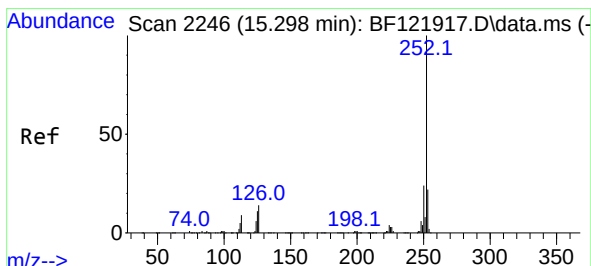
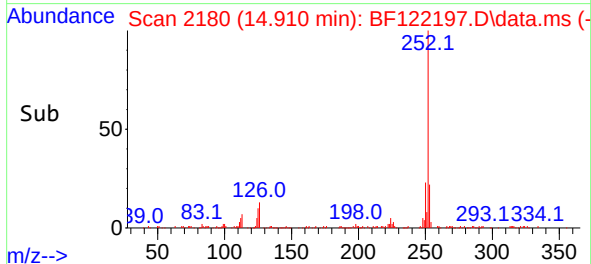
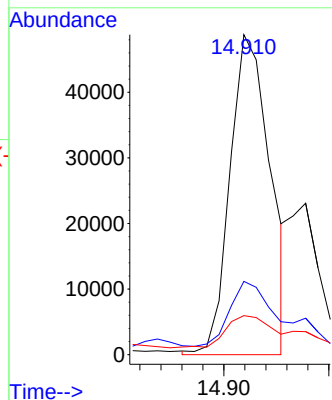
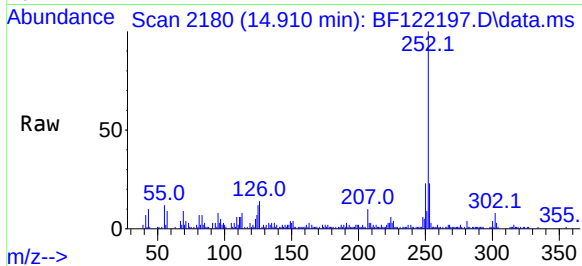
#88
Benzo(b)fluoranthene
Concen: 4.87 ng m
RT: 14.910 min Scan# 2180
Delta R.T. 0.012 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

Tgt Ion:252 Resp: 65047
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 12.2 8.0 12.0#

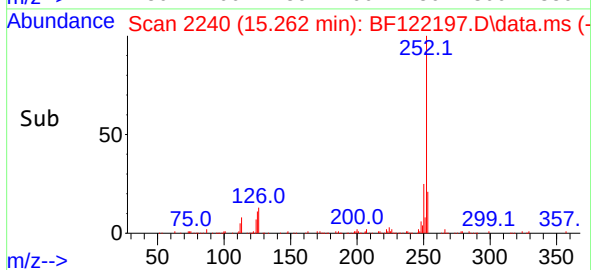
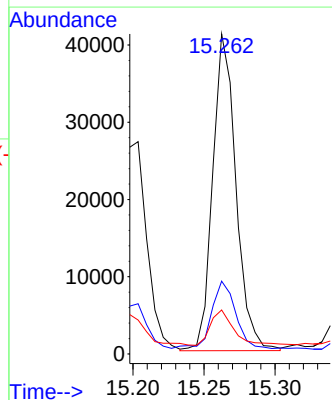
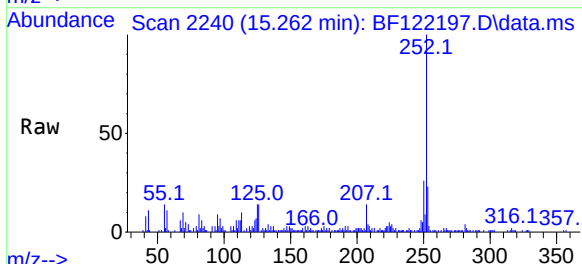
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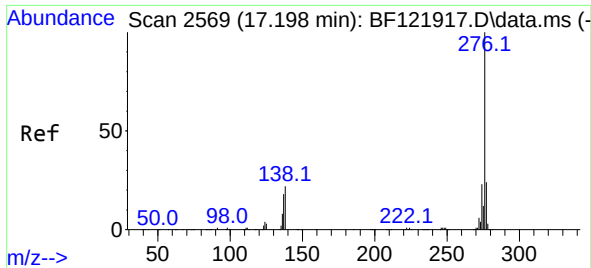
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#90
Benzo(a)pyrene
Concen: 4.05 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.012 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:252 Resp: 46719
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 13.8 8.6 13.0#





#92
Benzo(g,h,i)perylene
Concen: 2.85 ng
RT: 17.180 min Scan# 2566
Delta R.T. 0.047 min
Lab File: BF122197.D
Acq: 30 Oct 2020 23:56

Tgt Ion:	276	Resp:	30190
Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.4	29.2
138	22.8	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-017-B

Manual Integrations
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