

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122065.D
 Acq On : 21 Oct 2020 20:17
 Operator : JU/CG
 Sample : L4221-10 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-102020

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Quant Time: Oct 22 00:33:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	118588	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	454874	20.00	ng	0.00
39) Acenaphthene-d10	9.763	164	221064	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	362670	20.00	ng	0.00
76) Chrysene-d12	13.886	240	266879	20.00	ng	0.00
86) Perylene-d12	15.321	264	211875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	296456	36.90	ng	0.00
7) Phenol-d6	6.375	99	376239	36.38	ng	0.00
23) Nitrobenzene-d5	7.292	82	251136	28.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	87394	31.96	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	453922	30.21	ng	0.00
79) Terphenyl-d14	12.827	244	373269	26.65	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.480	163	43978	2.72	ng	99
71) Phenanthrene	11.269	178	123898	6.23	ng	99
75) Fluoranthene	12.457	202	193203	9.06	ng	98
78) Pyrene	12.686	202	189978	9.34	ng	99
81) Benzo(a)anthracene	13.874	228	77494	4.43	ng	97
83) Chrysene	13.910	228	80533	4.69	ng	98
87) Indeno(1,2,3-cd)pyrene	16.733	276	29019	2.11	ng	94
88) Benzo(b)fluoranthene	14.910	252	76575m	5.35	ng	
90) Benzo(a)pyrene	15.262	252	52752	4.26	ng	# 88
92) Benzo(g,h,i)perylene	17.156	276	30826	2.72	ng	92

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

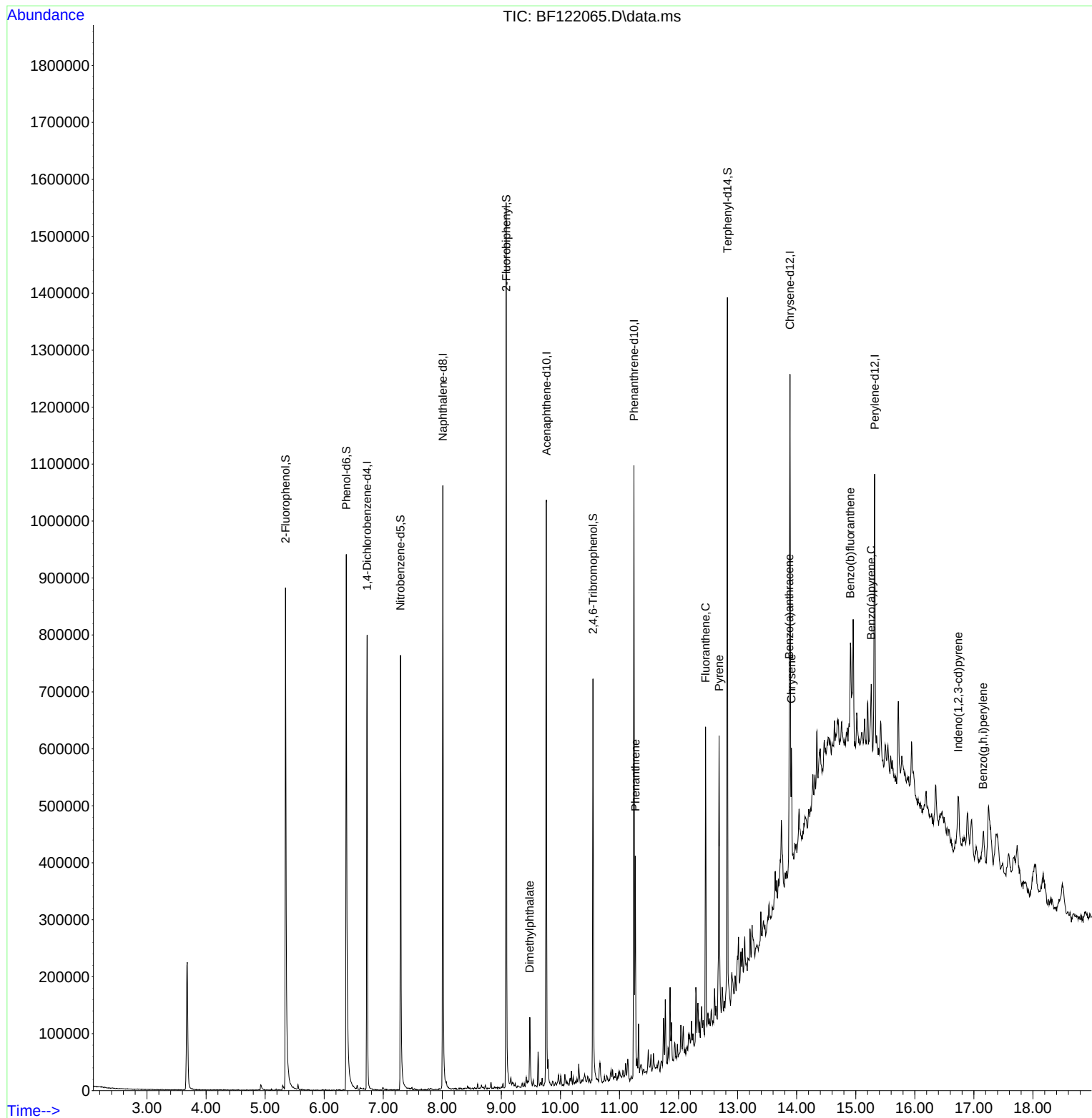
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Data File : BF122065.D
Acq On : 21 Oct 2020 20:17
Operator : JU/CG
Sample : L4221-10 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

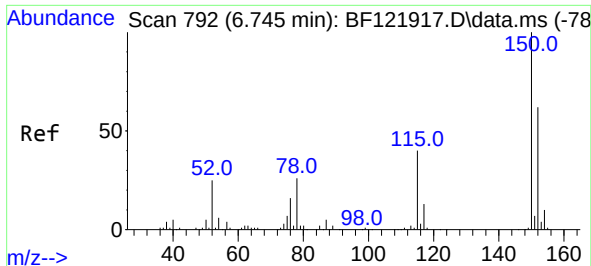
Instrument :
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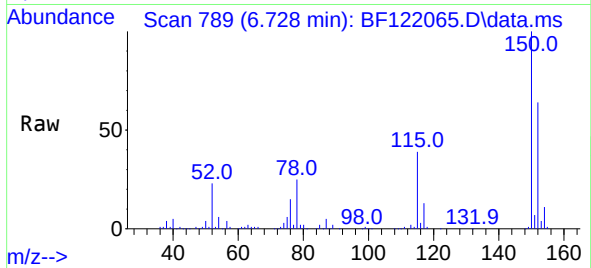
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Quant Time: Oct 22 00:33:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF10220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

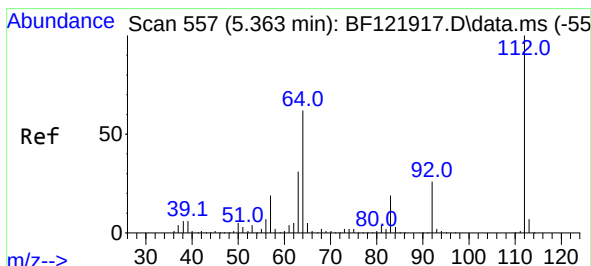
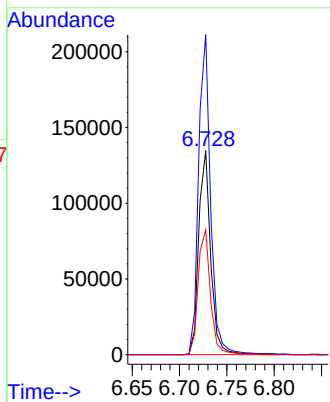
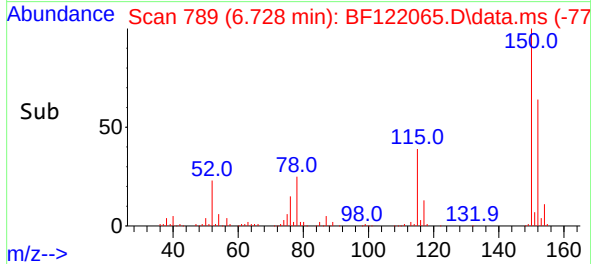




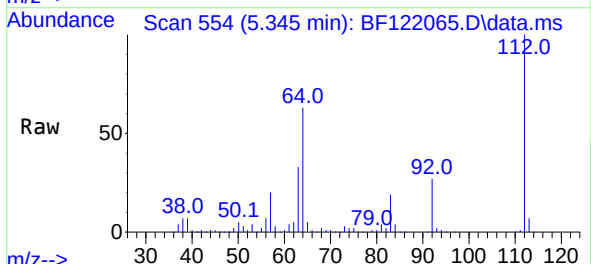
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17



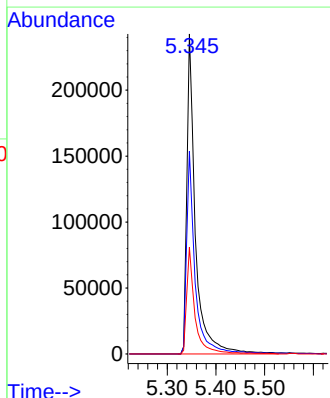
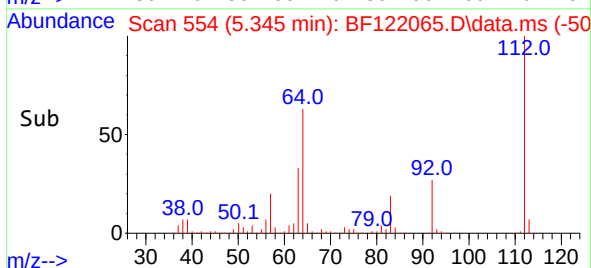
Tgt Ion:152 Resp: 118588
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 61.3 51.9 77.9



#5
2-Fluorophenol
Concen: 36.90 ng
RT: 5.345 min Scan# 554
Delta R.T. -0.000 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17



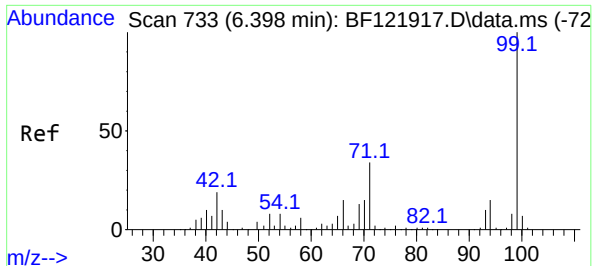
Tgt Ion:112 Resp: 296456
Ion Ratio Lower Upper
112 100
64 63.3 50.4 75.6
63 33.4 25.8 38.6



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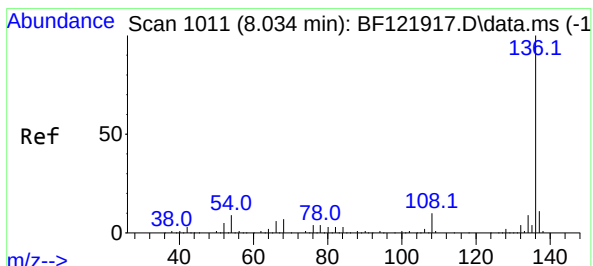
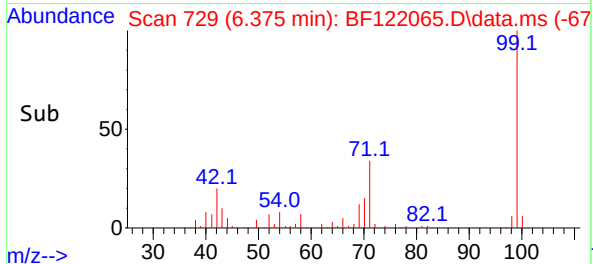
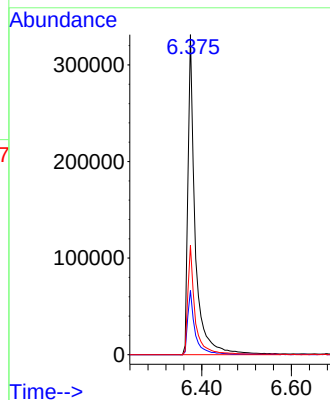
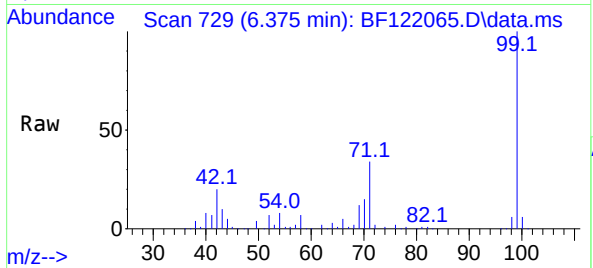
#7
Phenol-d6
Concen: 36.38 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:	99	Resp:	376239
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.9	23.9
71	34.2	27.1	40.7

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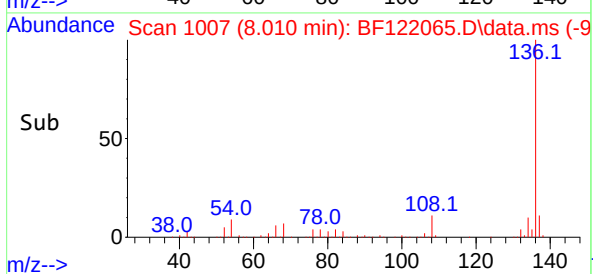
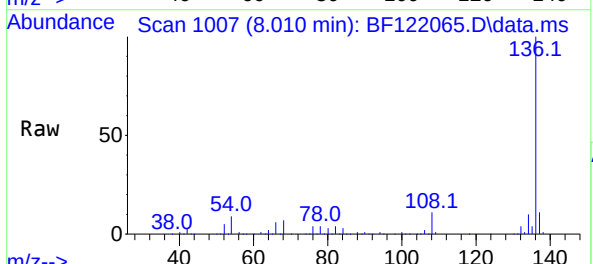
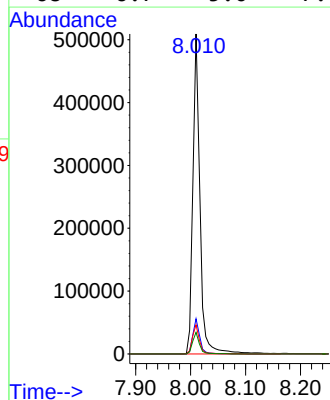
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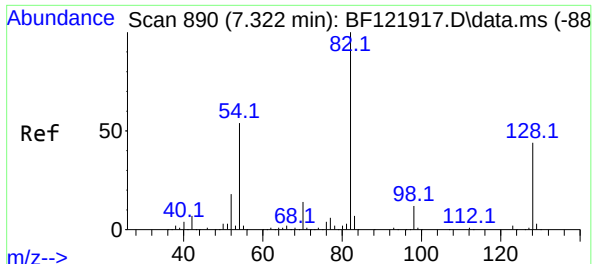
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:	136	Resp:	454874
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.1	7.1	10.7
68	6.7	5.0	7.4





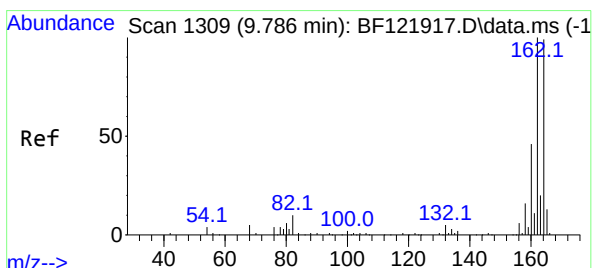
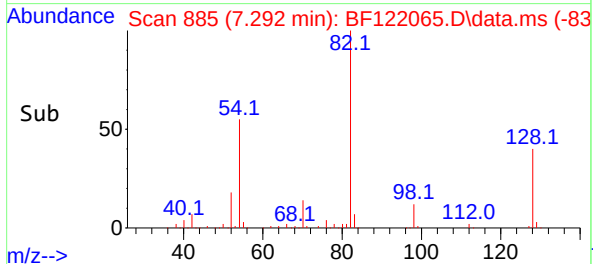
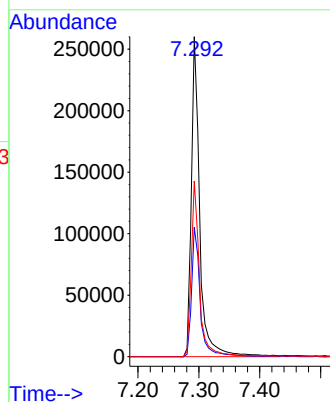
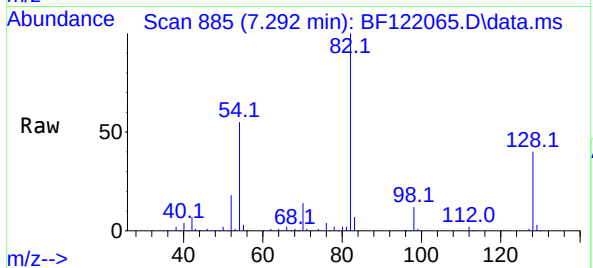
#23
Nitrobenzene-d5
Concen: 28.31 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion: 82 Resp: 251136
Ion Ratio Lower Upper
82 100
128 40.4 35.0 52.4
54 54.9 43.9 65.9

Instrument :
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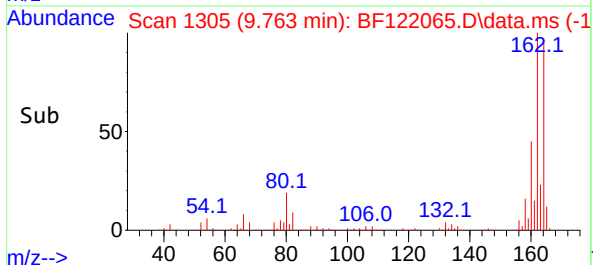
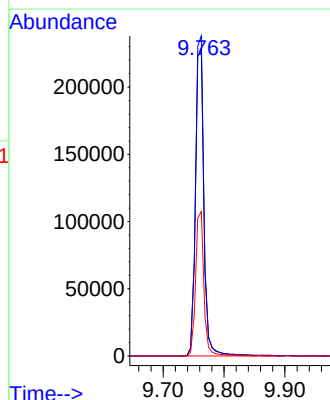
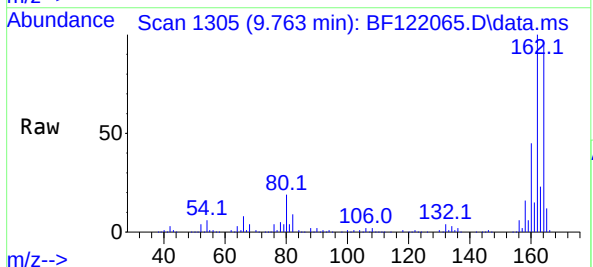
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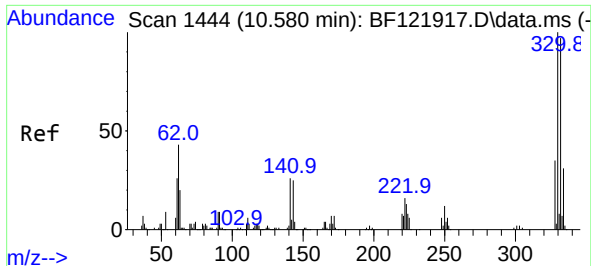
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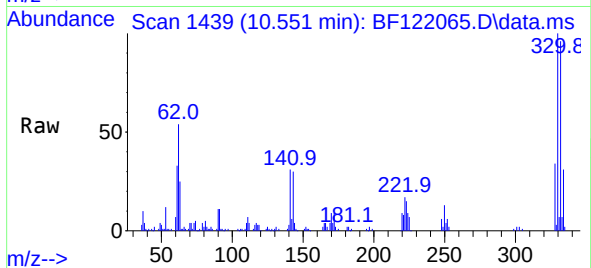
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:164 Resp: 221064
Ion Ratio Lower Upper
164 100
162 104.1 83.2 124.8
160 47.0 37.5 56.3

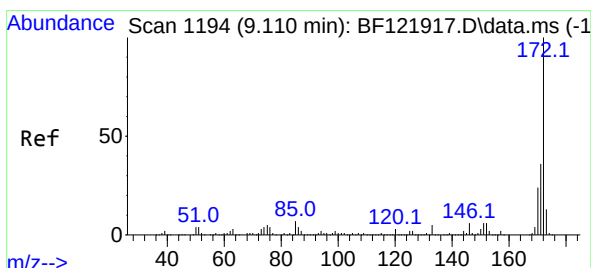
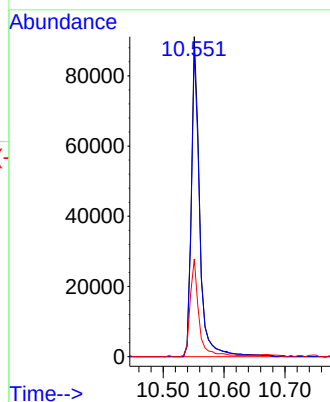
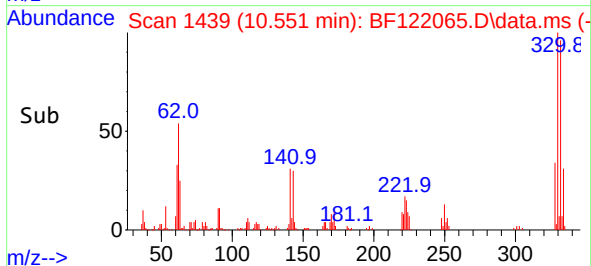




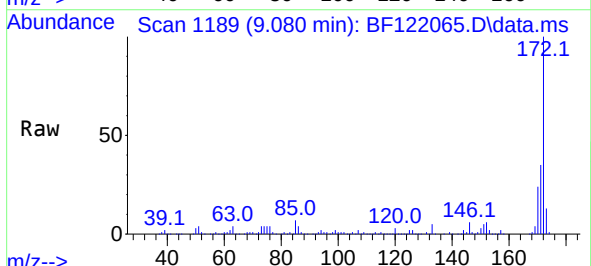
#42
2,4,6-Tribromophenol
Concen: 31.96 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17



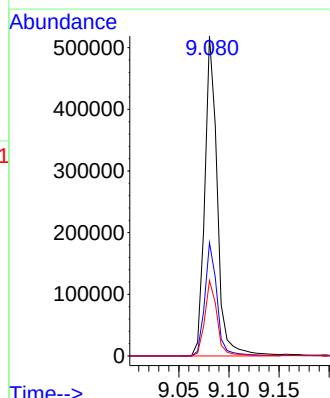
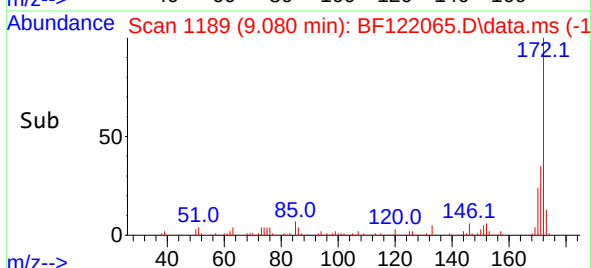
Tgt Ion: 330 Resp: 87394
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 30.21 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17



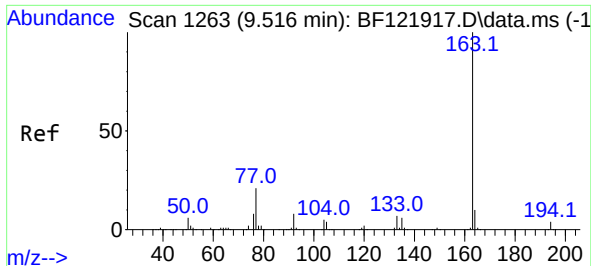
Tgt Ion: 172 Resp: 453922
Ion Ratio Lower Upper
172 100
171 35.4 29.1 43.7
170 23.6 19.8 29.6



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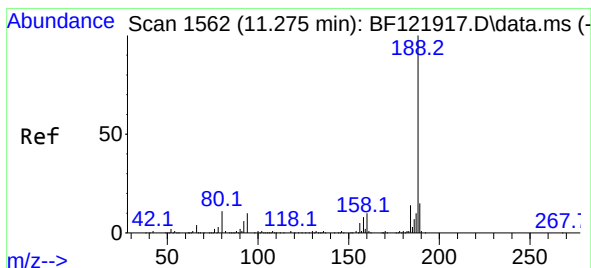
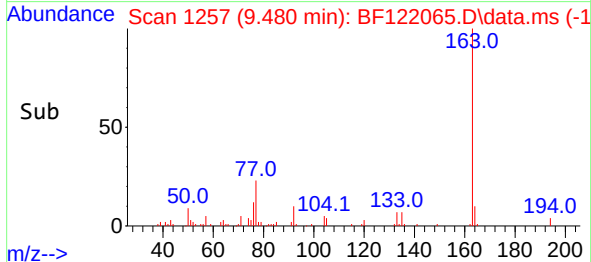
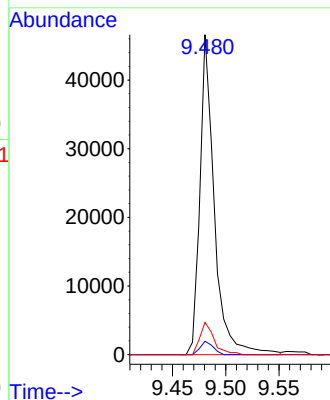
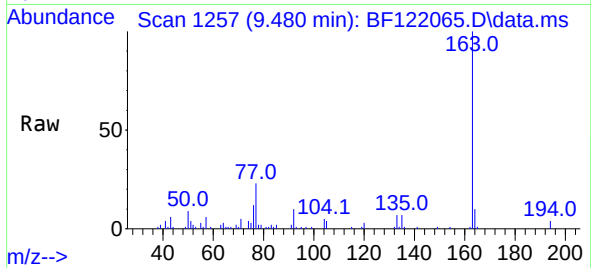
#50
Dimethylphthalate
Concen: 2.72 ng
RT: 9.480 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:163 Resp: 43978
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.2 12.4

Instrument :
BNA_F
ClientSampleId :
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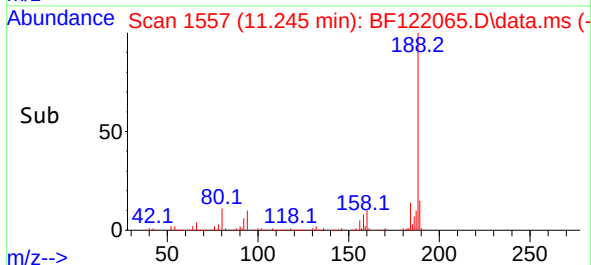
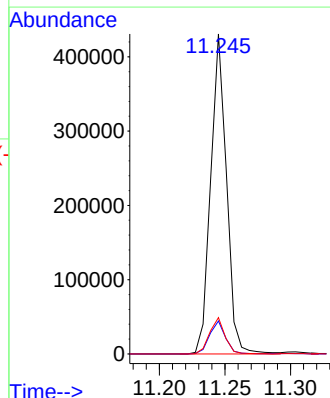
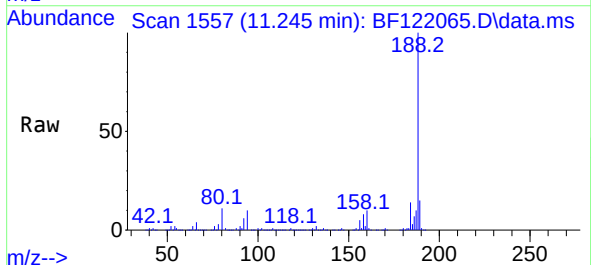
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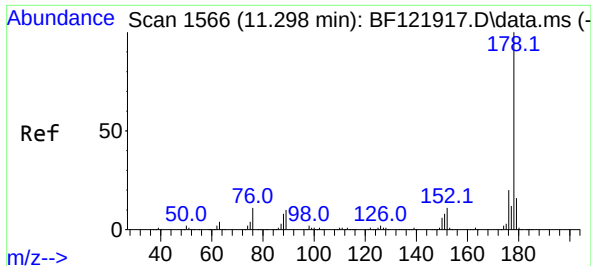
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:188 Resp: 362670
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.3 9.1 13.7





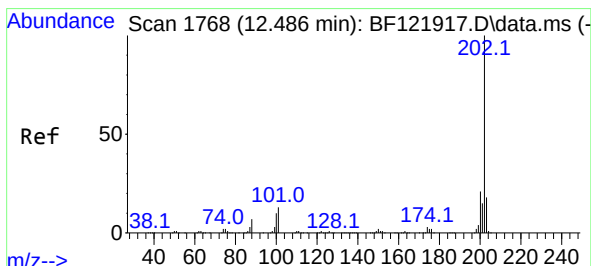
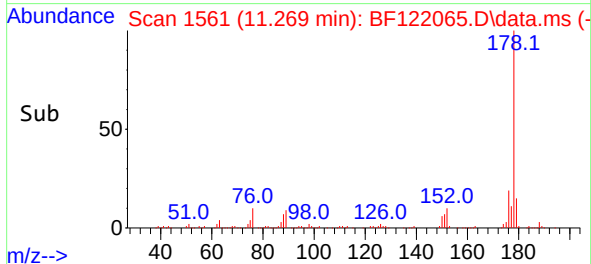
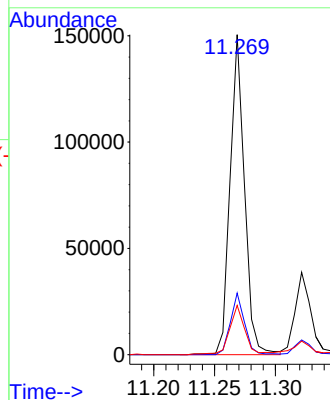
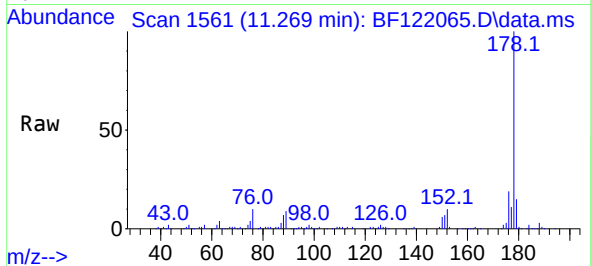
#71
Phenanthrene
Concen: 6.23 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt	Ion:178	Resp:	123898
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.4	12.2	18.4

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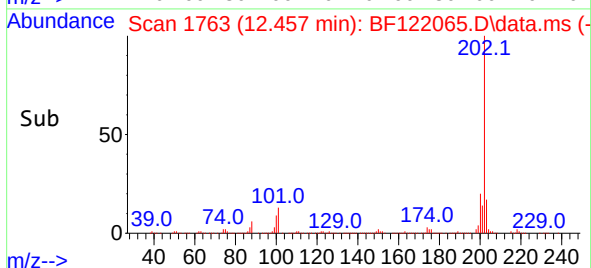
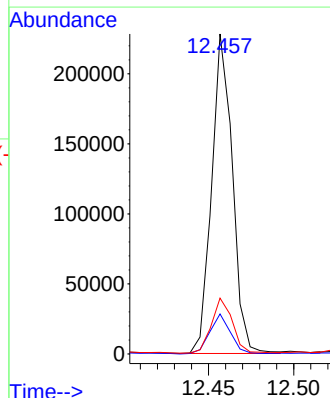
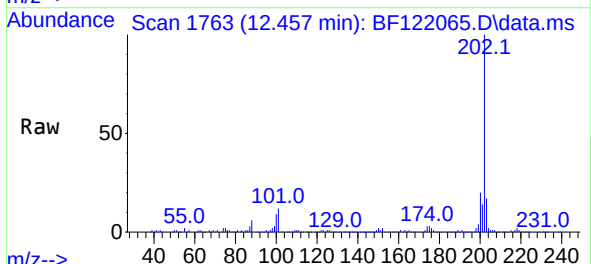
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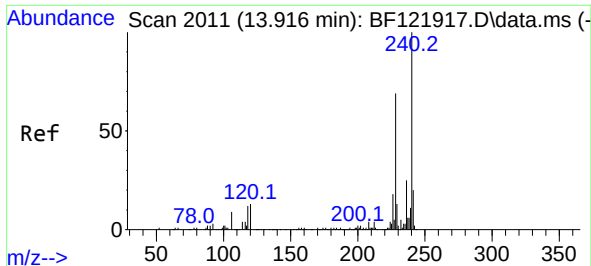
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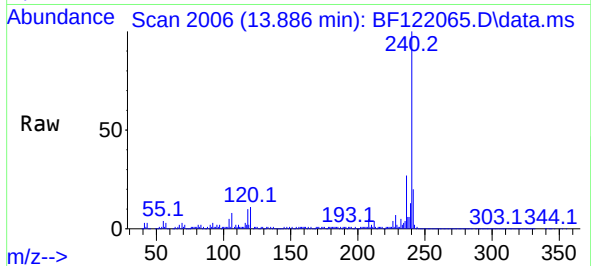
#75
Fluoranthene
Concen: 9.06 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:202	Resp: 193203
Ion Ratio	Lower Upper
202 100	
101 12.5	0.0 33.4
203 17.5	0.0 37.9

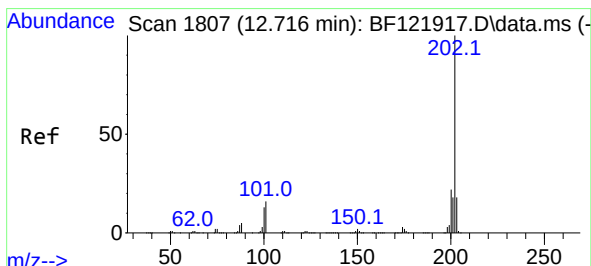
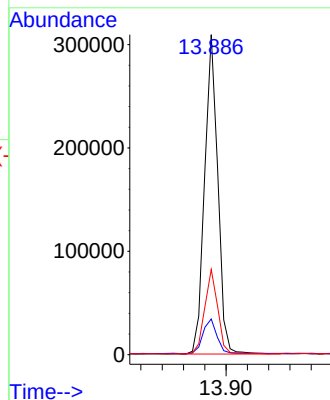
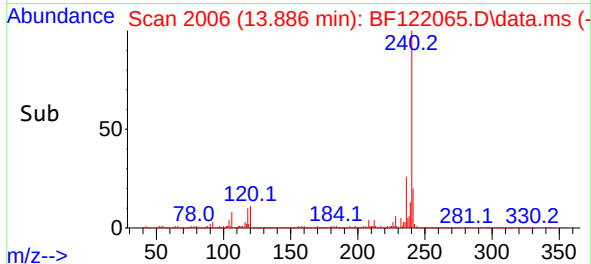




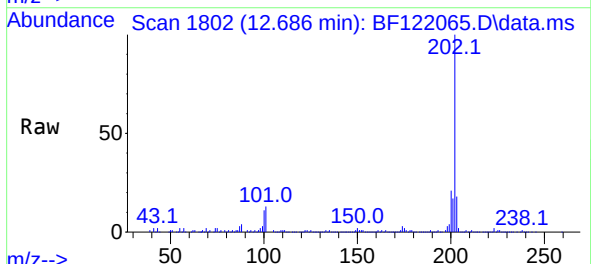
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Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17



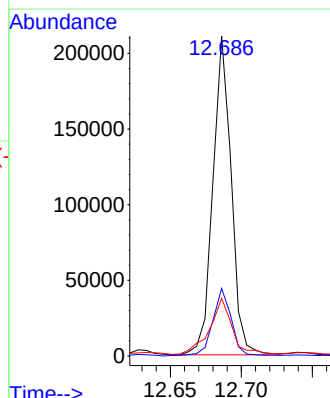
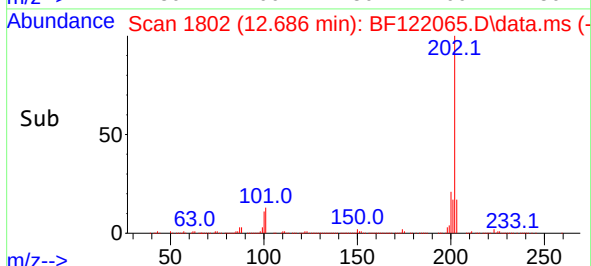
Tgt Ion:240 Resp: 266879
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.6 20.9 31.3



#78
Pyrene
Concen: 9.34 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17



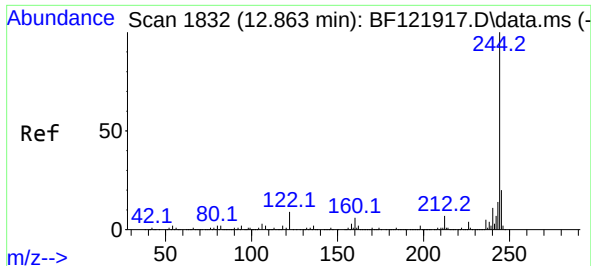
Tgt Ion:202 Resp: 189978
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 18.0 14.6 21.8



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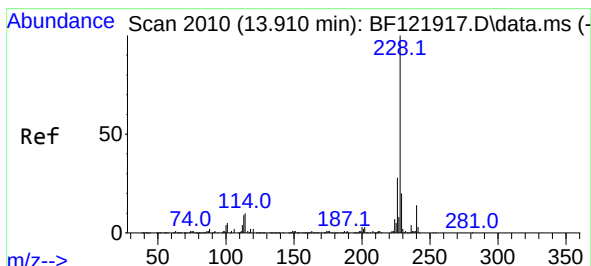
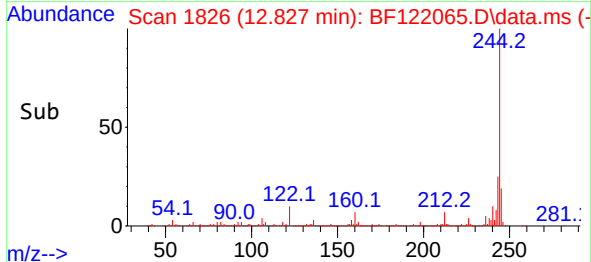
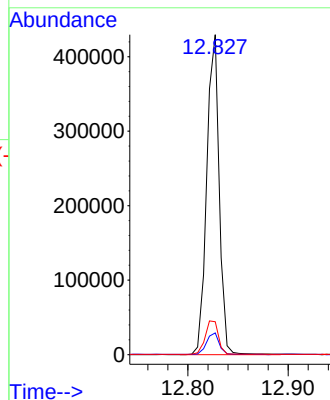
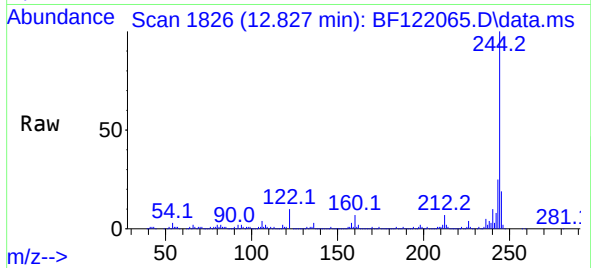
#79
Terphenyl-d14
Concen: 26.65 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:244 Resp: 373269
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.3 8.1 12.1

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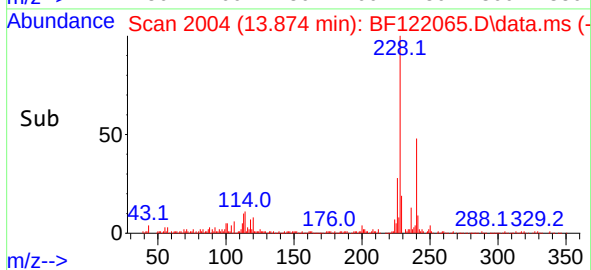
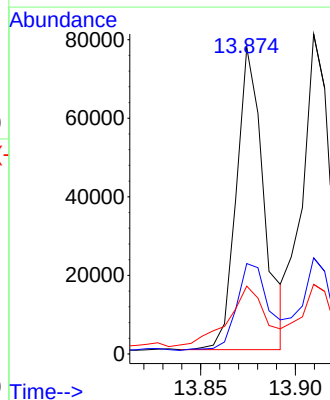
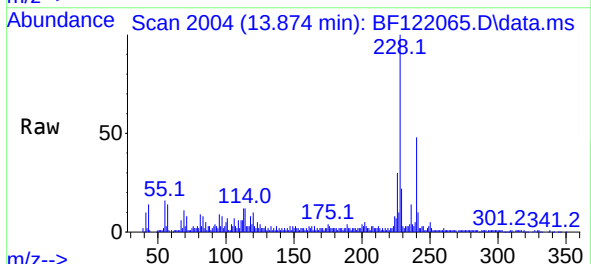
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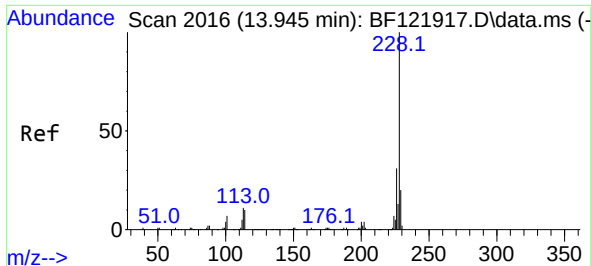
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#81
Benzo(a)anthracene
Concen: 4.43 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:228 Resp: 77494
Ion Ratio Lower Upper
228 100
226 29.5 22.3 33.5
229 22.1 16.2 24.4





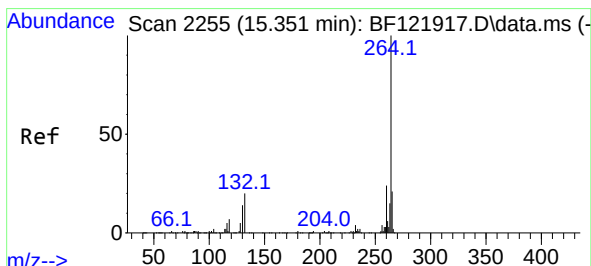
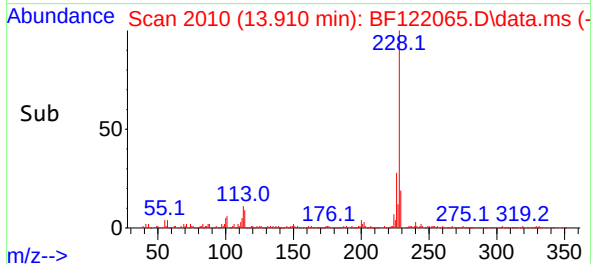
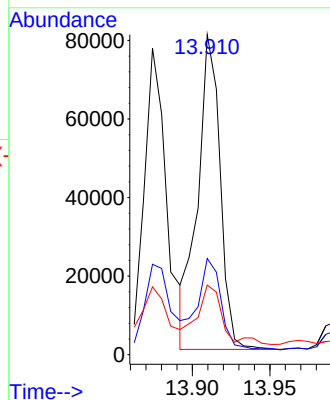
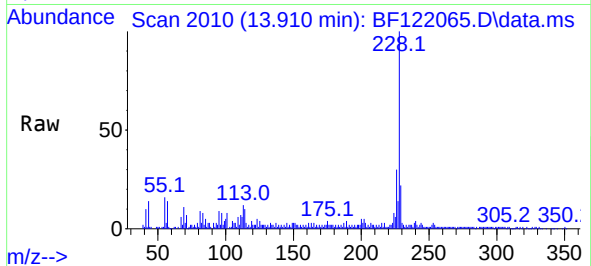
#83
Chrysene
Concen: 4.69 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:228 Resp: 80533
Ion Ratio Lower Upper
228 100
226 30.0 24.6 37.0
229 21.7 15.9 23.9

Instrument :
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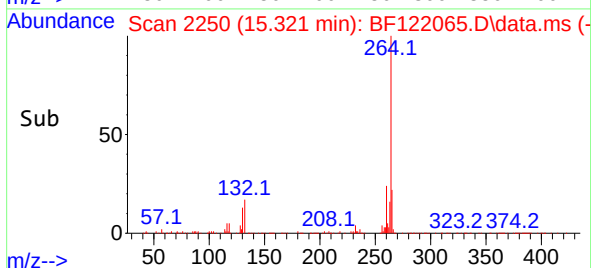
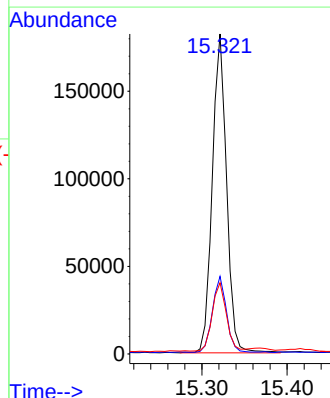
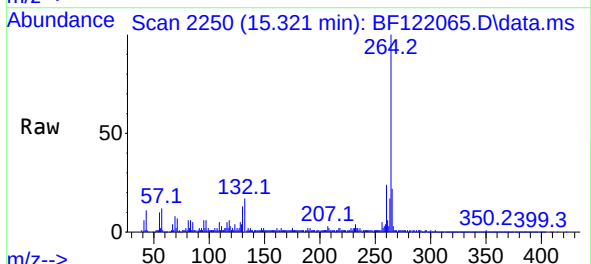
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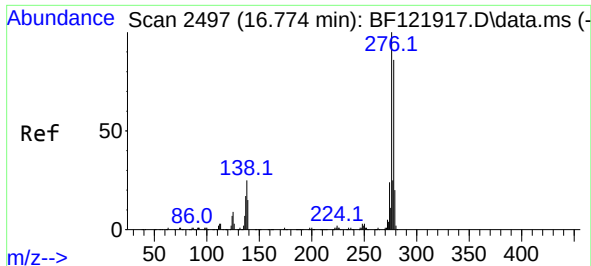
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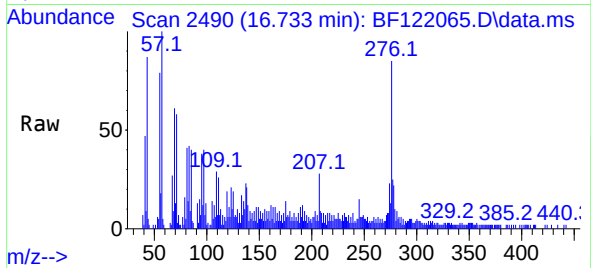
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:264 Resp: 211875
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 22.3 17.3 25.9

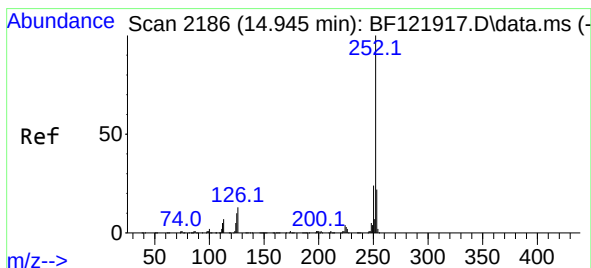
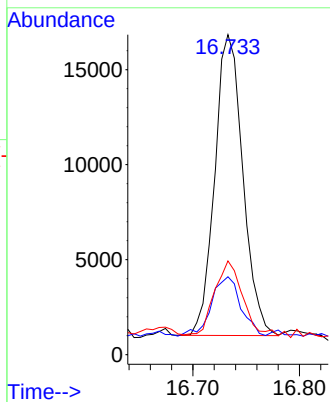
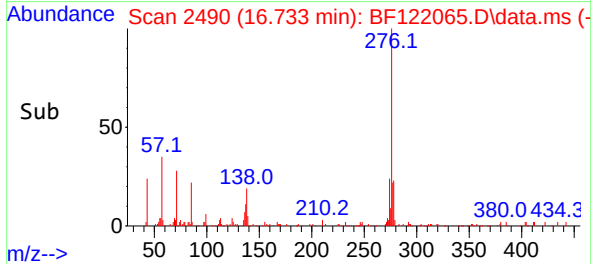




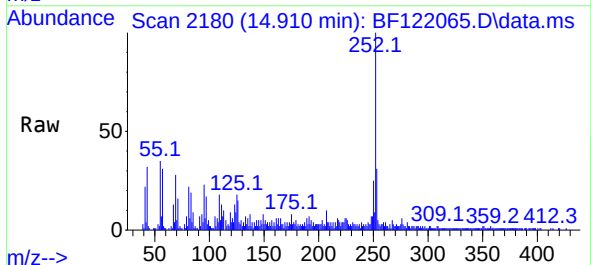
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng
RT: 16.733 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17



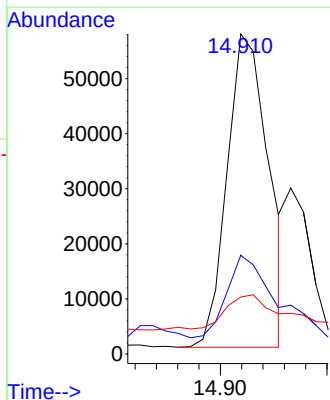
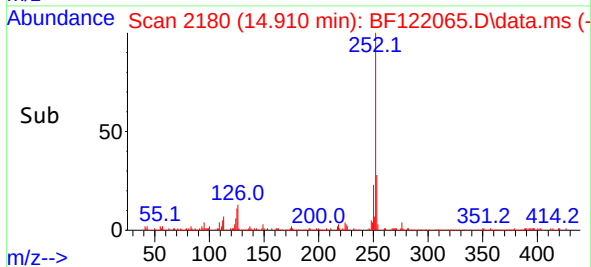
Tgt Ion: 276 Resp: 29019
Ion Ratio Lower Upper
276 100
138 20.7 19.9 29.9
277 27.0 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 5.35 ng m
RT: 14.910 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17



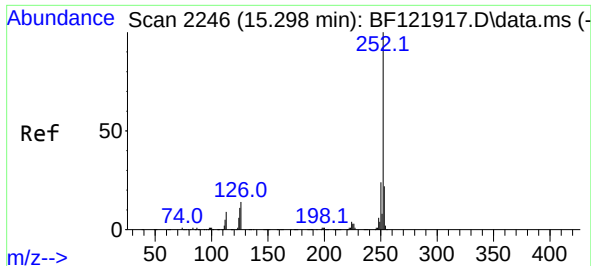
Tgt Ion: 252 Resp: 76575
Ion Ratio Lower Upper
252 100
253 30.8 18.2 27.2#
125 17.8 8.0 12.0#



Instrument :
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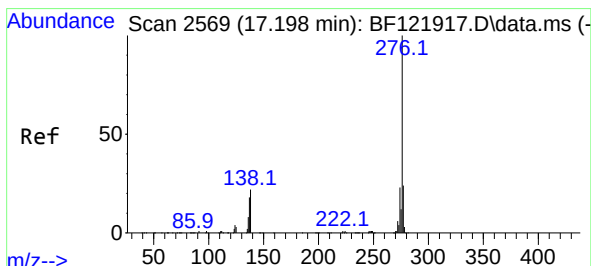
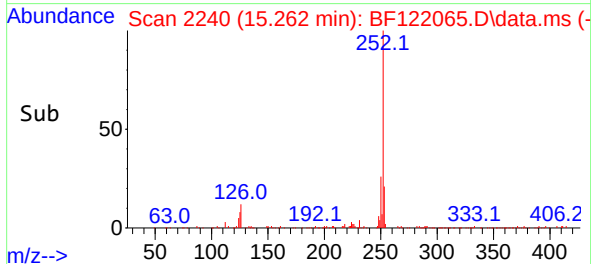
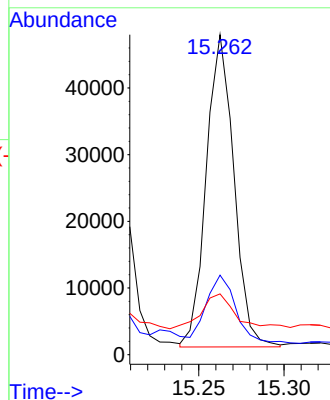
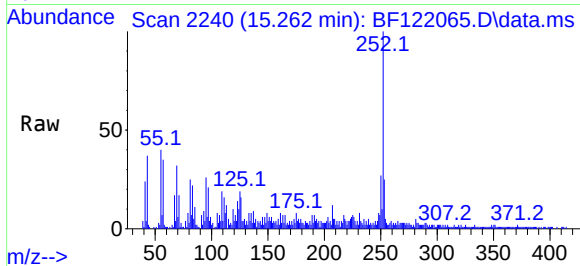
#90
Benzo(a)pyrene
Concen: 4.26 ng
RT: 15.262 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:252 Resp: 52752
Ion Ratio Lower Upper
252 100
253 24.9 17.3 25.9
125 19.0 8.6 13.0#

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 2.72 ng
RT: 17.156 min Scan# 2562
Delta R.T. 0.018 min
Lab File: BF122065.D
Acq: 21 Oct 2020 20:17

Tgt Ion:276 Resp: 30826
Ion Ratio Lower Upper
276 100
277 28.6 19.4 29.2
138 25.3 17.8 26.6

