

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123838.D
 Acq On : 5 May 2021 20:46
 Operator : JU/CG
 Sample : M2265-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124055

Manual Integrations
 APPROVED

Quant Time: May 06 00:51:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	231892	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	882254	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	439928	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	751946	20.00	ng	0.00
76) Chrysene-d12	13.969	240	521358	20.00	ng	0.00
86) Perylene-d12	15.421	264	434898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1293354	88.36	ng	0.00
7) Phenol-d6	6.434	99	1691914	83.91	ng	0.00
23) Nitrobenzene-d5	7.357	82	1150899	58.89	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	440161	80.37	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1654393	54.77	ng	0.00
79) Terphenyl-d14	12.910	244	1366897	50.49	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.551	163	90541	2.92	ng	99
71) Phenanthrene	11.345	178	326905	8.29	ng	99
75) Fluoranthene	12.533	202	408548	9.50	ng	99
78) Pyrene	12.763	202	346534	8.56	ng	99
81) Benzo(a)anthracene	13.957	228	171354	5.42	ng	98
83) Chrysene	13.992	228	153693	4.84	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	58535	2.31	ng	97
88) Benzo(b)fluoranthene	14.998	252	153421m	5.24	ng	
89) Benzo(k)fluoranthene	15.027	252	57738m	2.06	ng	
90) Benzo(a)pyrene	15.357	252	107866	4.30	ng	# 92
92) Benzo(g,h,i)perylene	17.292	276	50985	2.38	ng	# 92

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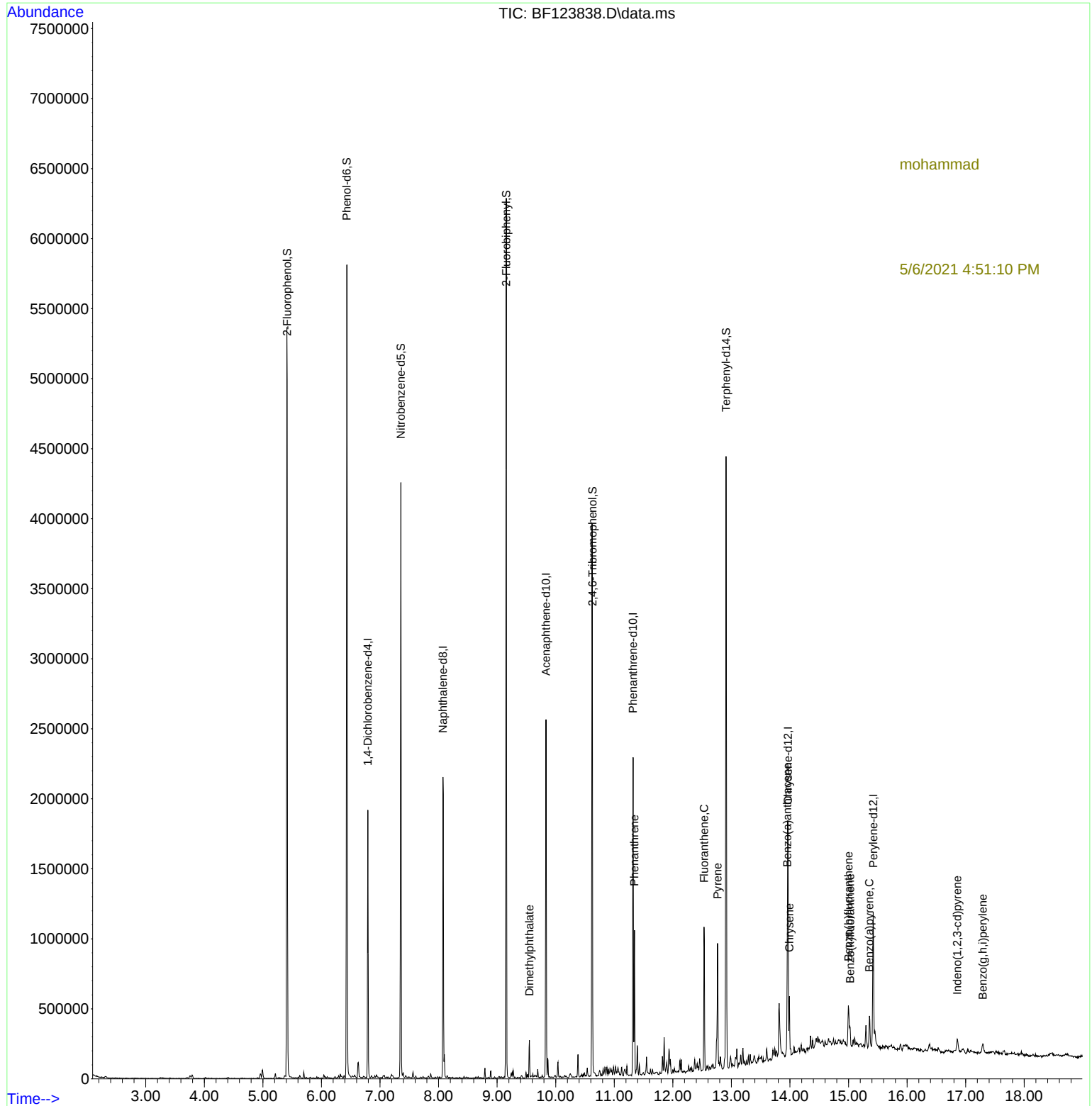
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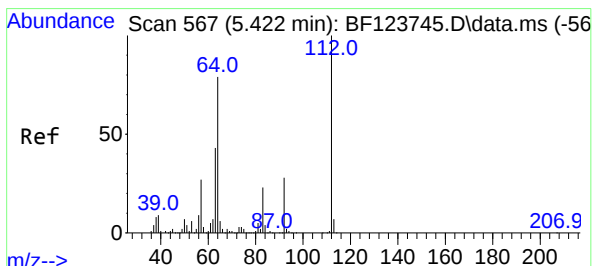
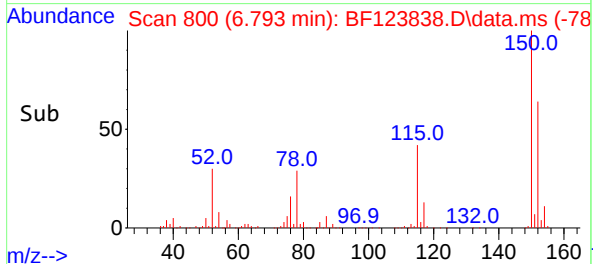
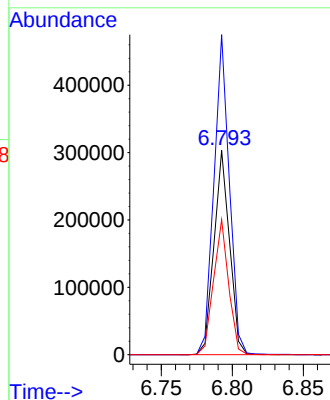
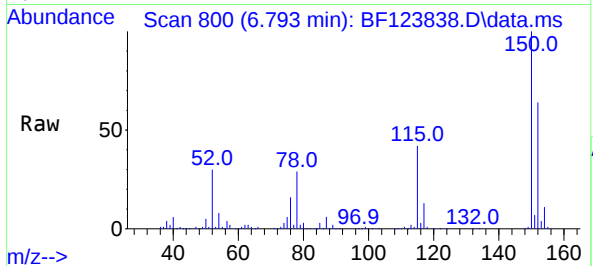


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:152 Resp: 231892
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 66.1 54.3 81.5

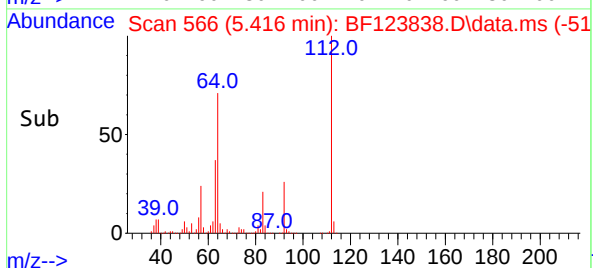
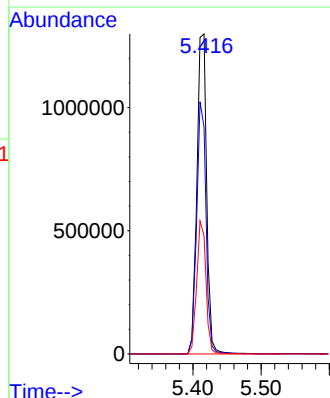
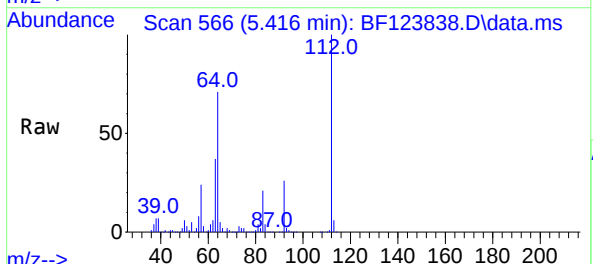
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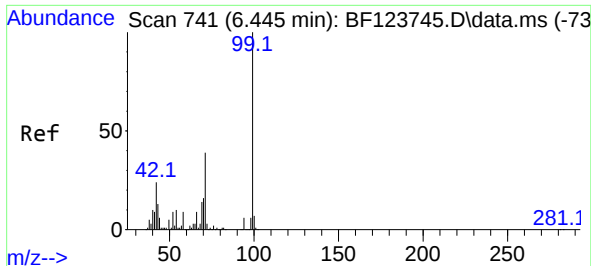
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#5
2-Fluorophenol
Concen: 88.36 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:112 Resp: 1293354
Ion Ratio Lower Upper
112 100
64 70.9 61.4 92.0
63 36.9 33.0 49.4





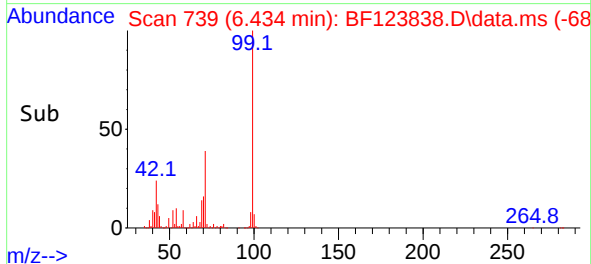
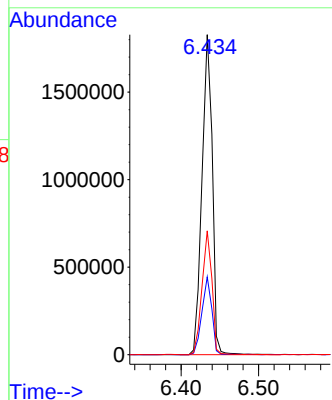
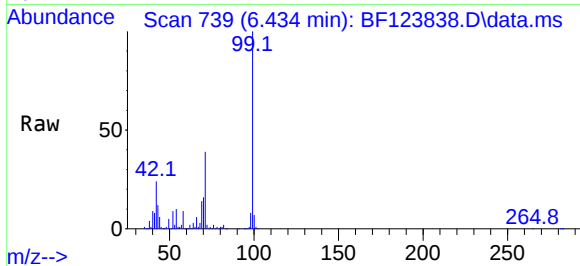
#7
Phenol-d6
Concen: 83.91 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion: 99 Resp: 1691914

Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.8	29.8
71	38.7	31.1	46.7

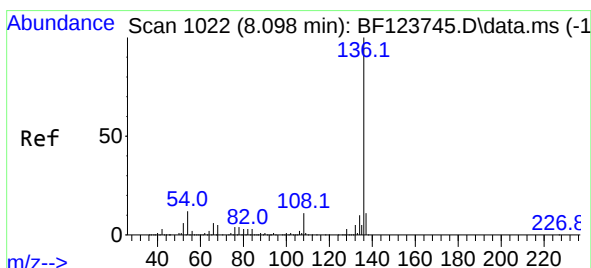
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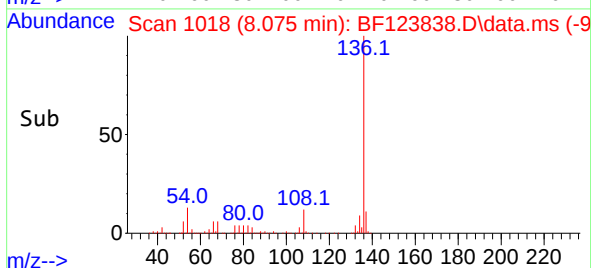
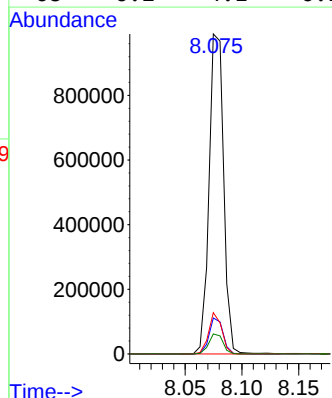
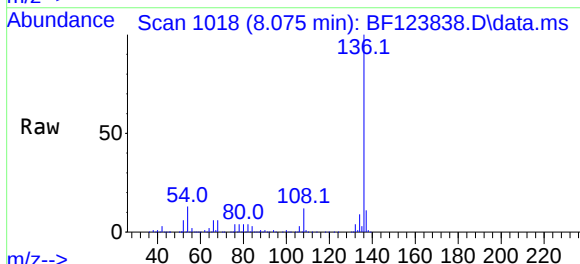
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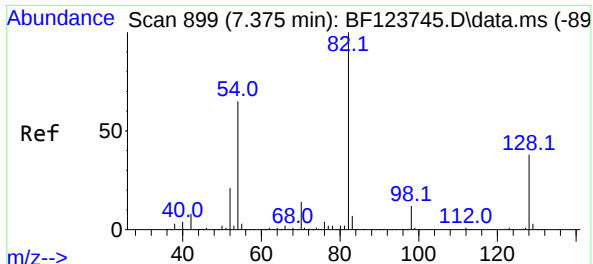


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion: 136 Resp: 882254

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.9	9.8	14.6
68	6.2	4.1	6.1



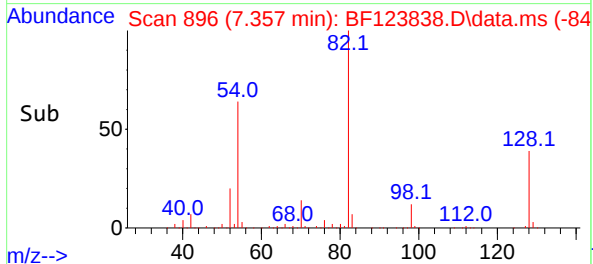
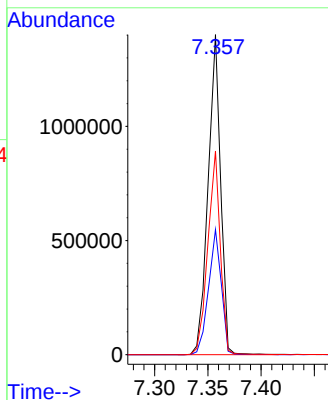
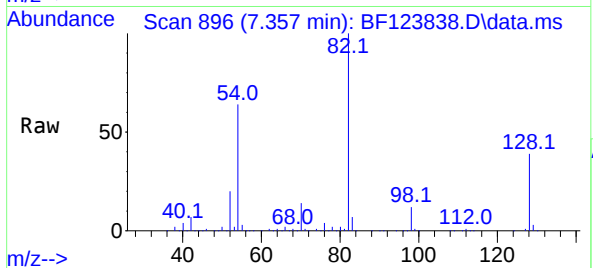


#23
Nitrobenzene-d5
Concen: 58.89 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Instrument :
BNA_F
ClientSampleId :
124055

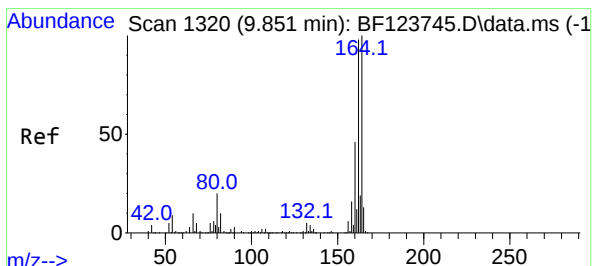
Tgt Ion: 82 Resp: 1150899
Ion Ratio Lower Upper
82 100
128 39.1 29.4 44.2
54 63.6 54.1 81.1

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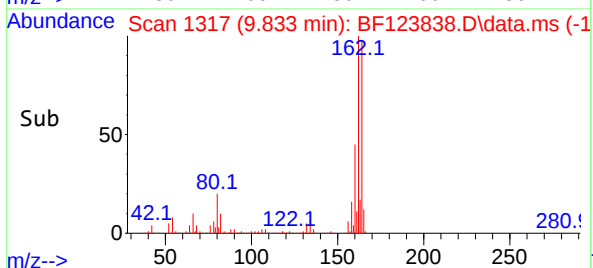
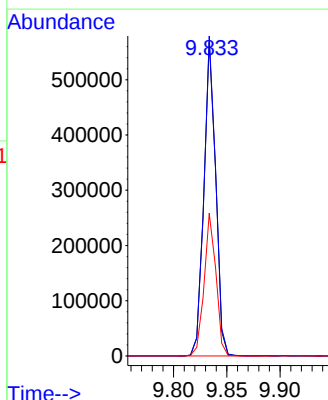
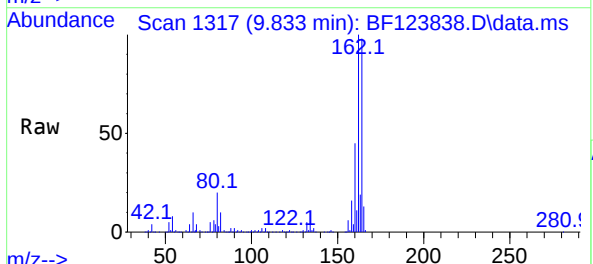
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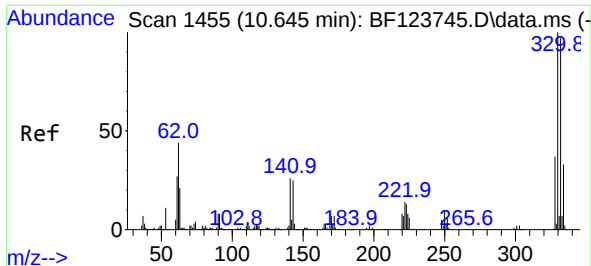
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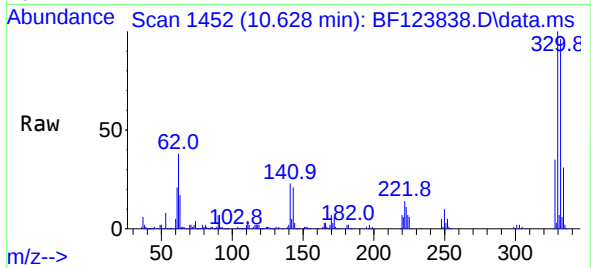
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:164 Resp: 439928
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 45.4 37.3 55.9

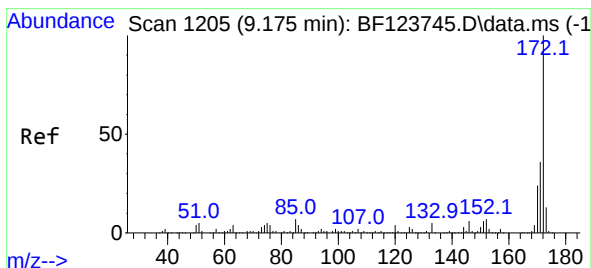
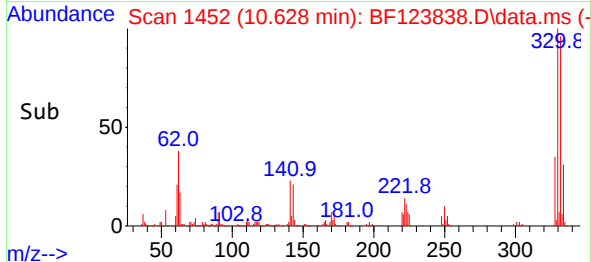
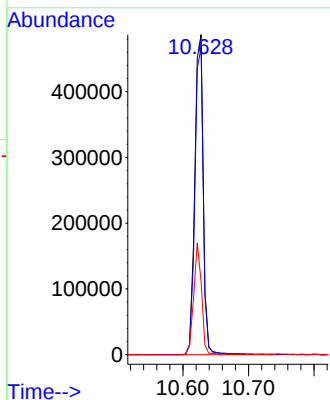




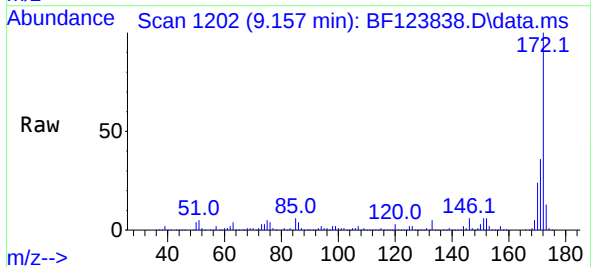
#42
2,4,6-Tribromophenol
Concen: 80.37 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46



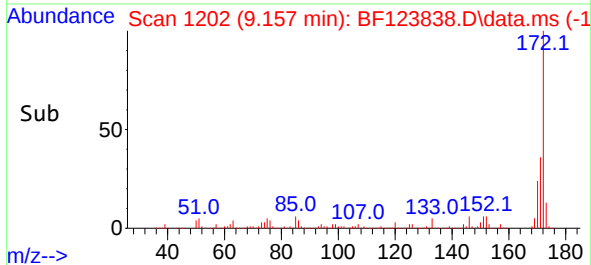
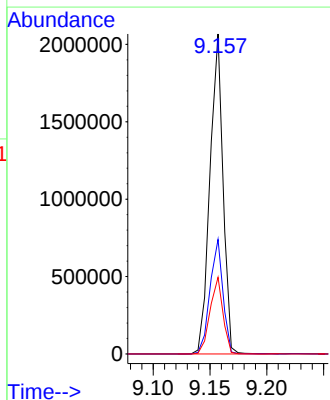
Tgt Ion: 330 Resp: 440161
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 32.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 54.77 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46



Tgt Ion: 172 Resp: 1654393
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.9 19.2 28.8

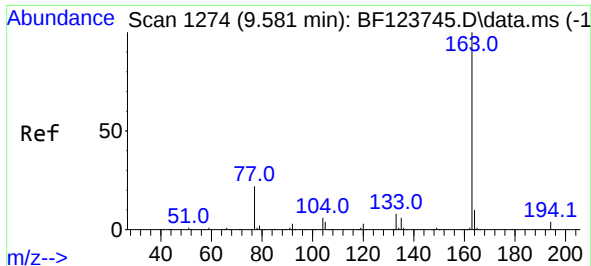


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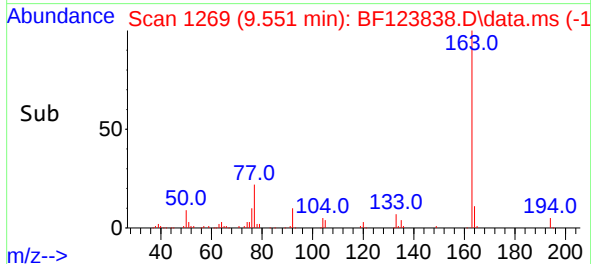
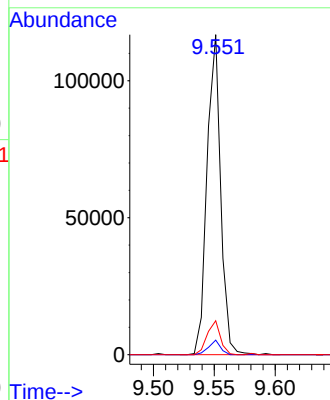
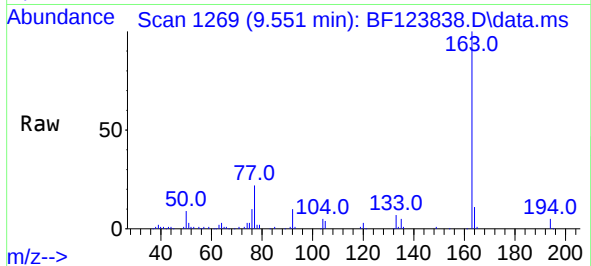


#50
Dimethylphthalate
Concen: 2.92 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:163 Resp: 90541
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 10.6 8.2 12.2

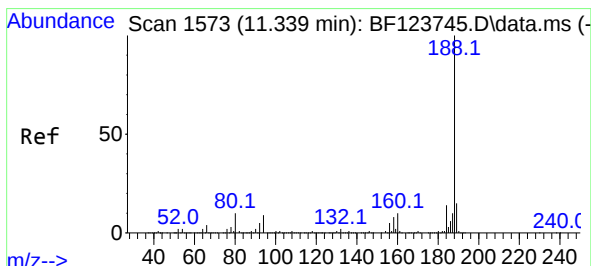
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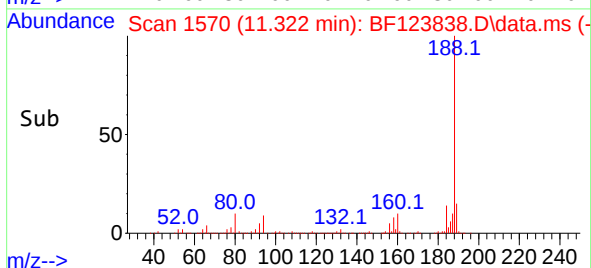
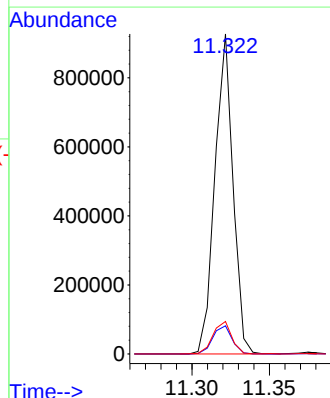
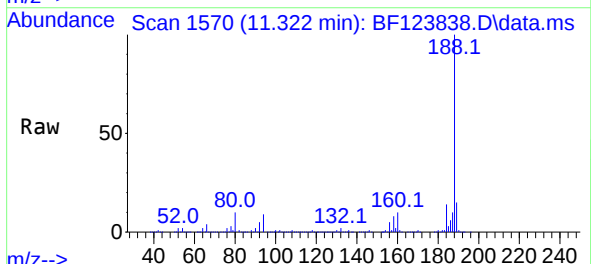
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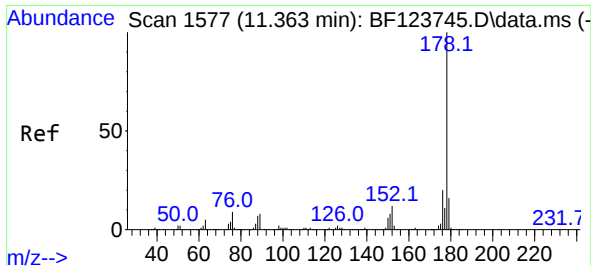
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

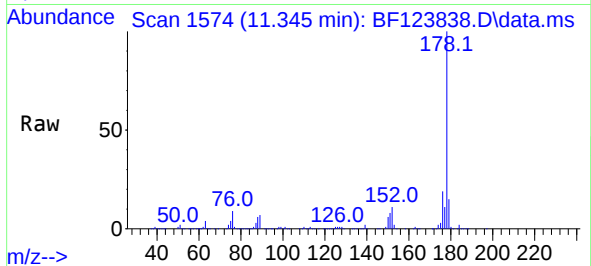
Tgt Ion:188 Resp: 751946
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 10.2 8.2 12.2





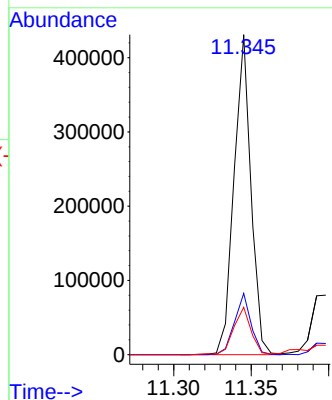
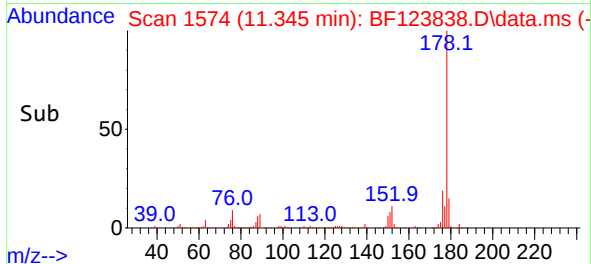
#71
Phenanthrene
Concen: 8.29 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

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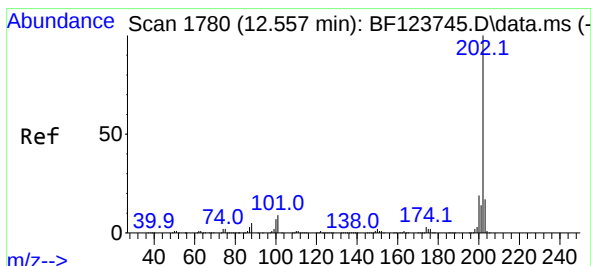
Tgt Ion:178 Resp: 326905
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 14.8 12.5 18.7

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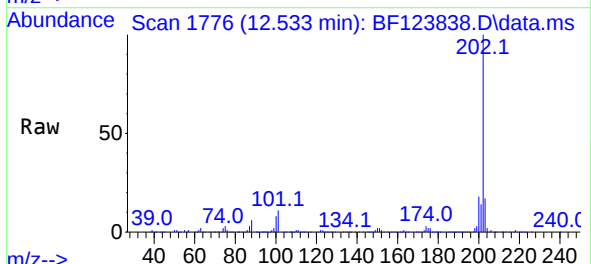


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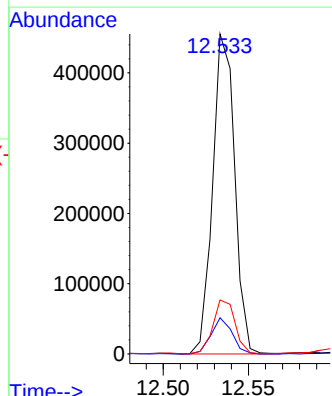
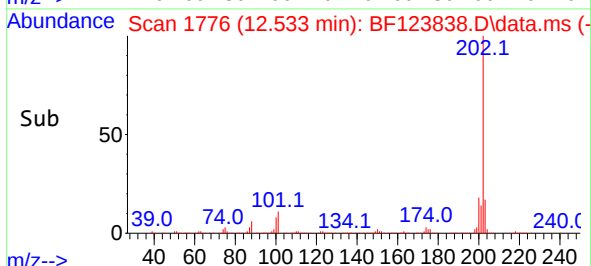
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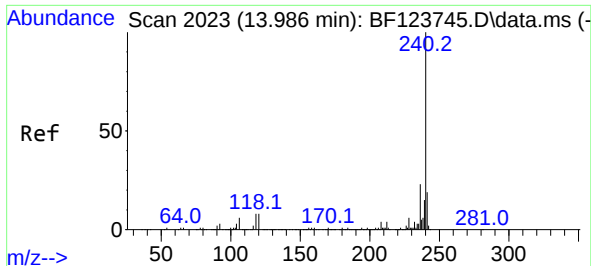


#75
Fluoranthene
Concen: 9.50 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46



Tgt Ion:202 Resp: 408548
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.9
203 16.8 0.0 37.5



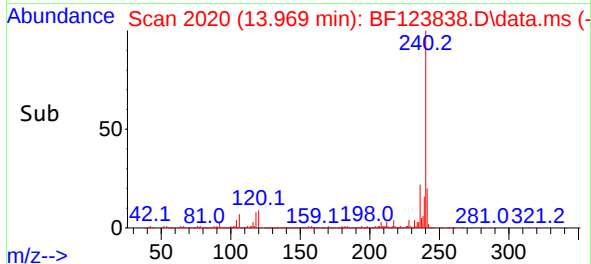
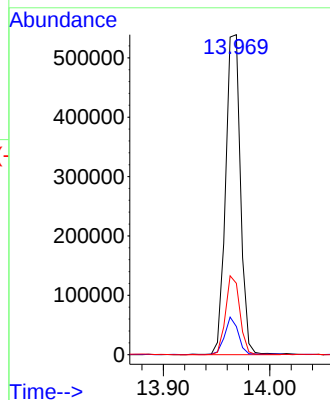
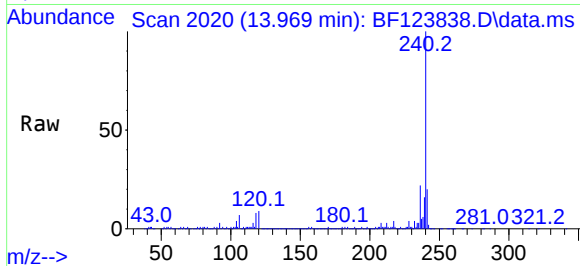


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:240 Resp: 521358
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 22.3 19.0 28.4

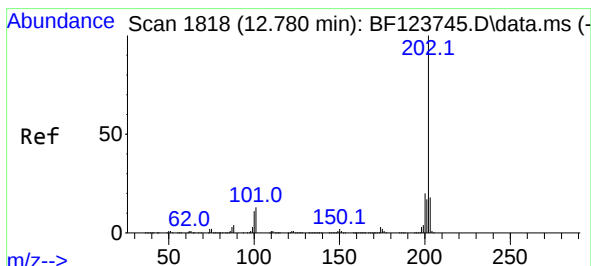
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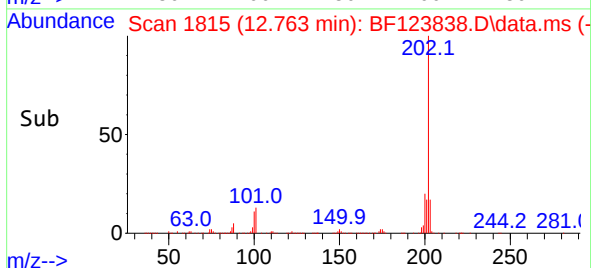
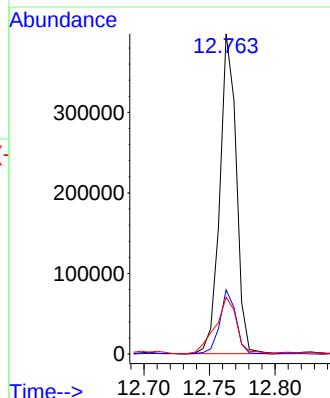
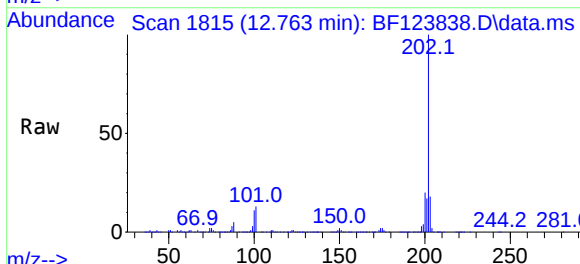
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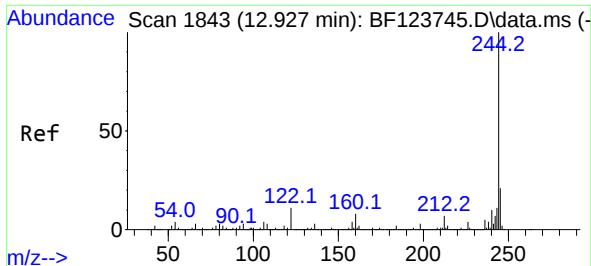
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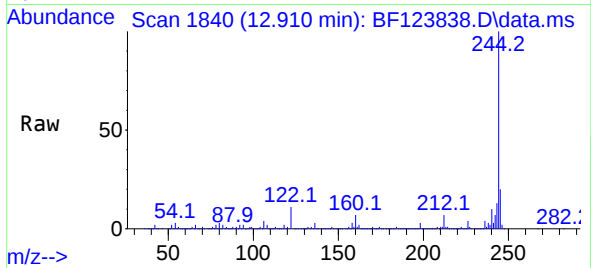
#78
Pyrene
Concen: 8.56 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:202 Resp: 346534
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.8 14.8 22.2

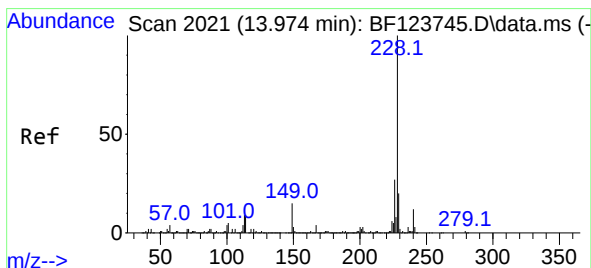
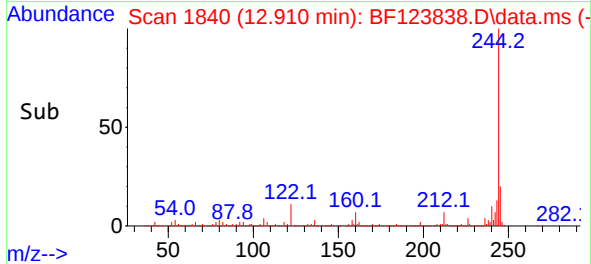
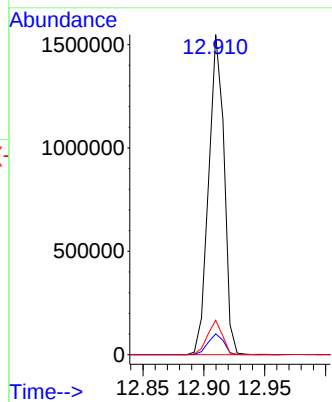




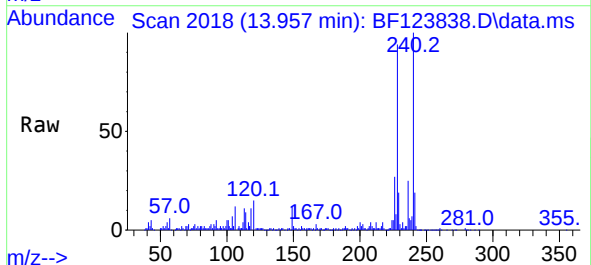
#79
Terphenyl-d14
Concen: 50.49 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46



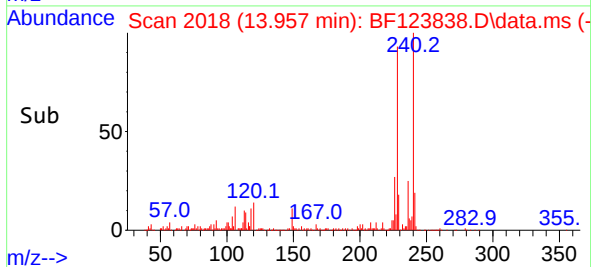
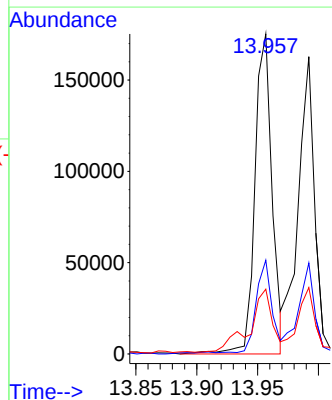
Tgt Ion:244 Resp: 1366897
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 10.8 9.7 14.5



#81
Benzo(a)anthracene
Concen: 5.42 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46



Tgt Ion:228 Resp: 171354
Ion Ratio Lower Upper
228 100
226 29.3 22.4 33.6
229 20.2 16.0 24.0

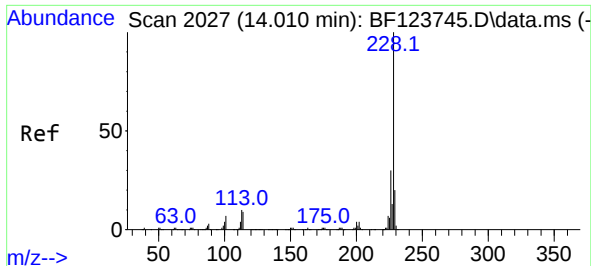


Instrument :
BNA_F
ClientSampleId :
124055

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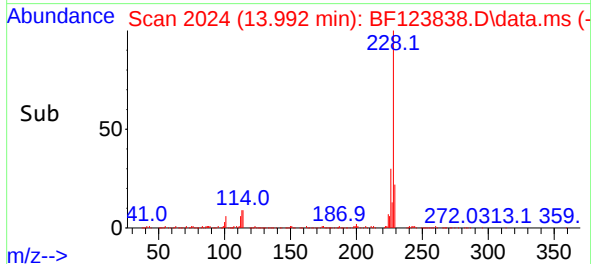
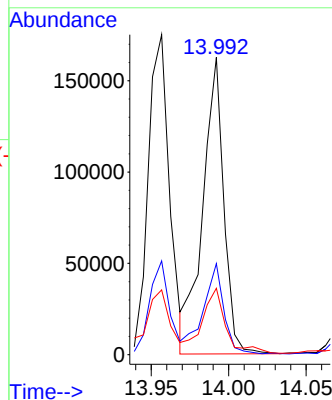
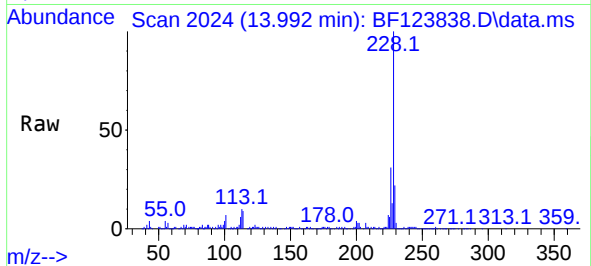


#83
Chrysene
Concen: 4.84 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:	228	Resp:	153693
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.3	36.5
229	22.3	16.2	24.2

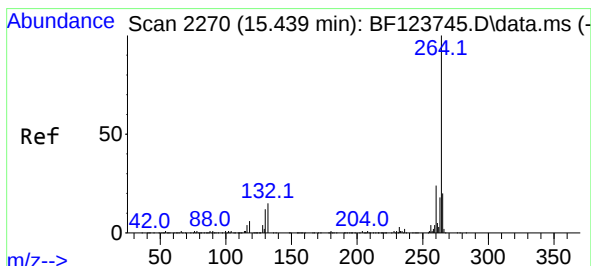
Instrument :
BNA_F
ClientSampleId :
124055

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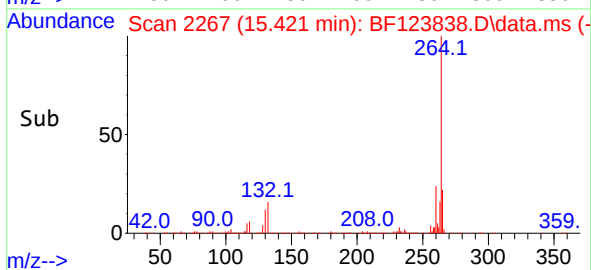
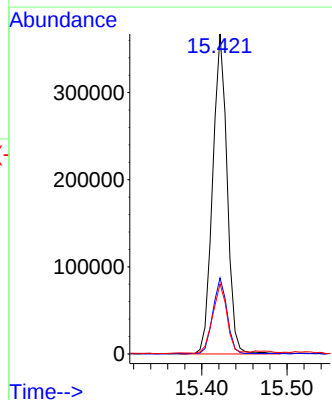
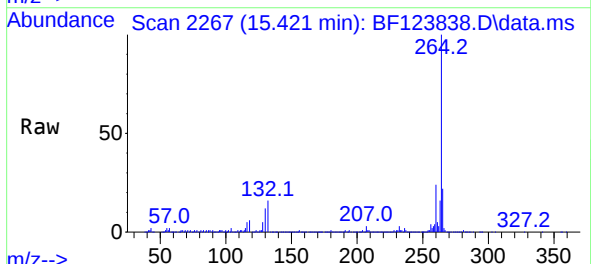
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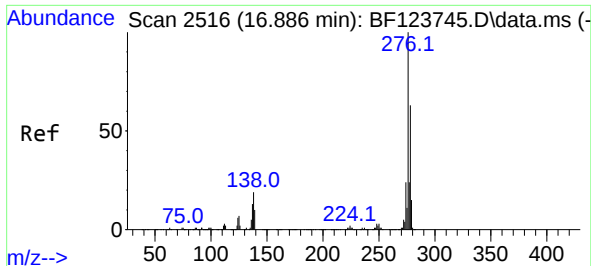
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:	264	Resp:	434898
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.7	28.1
265	21.9	17.8	26.8



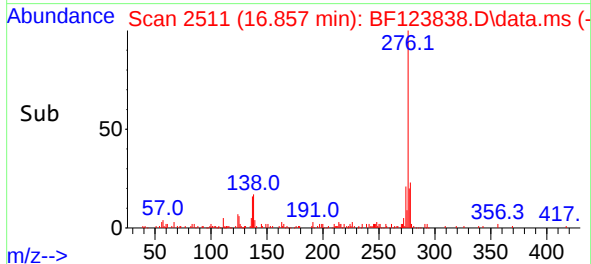
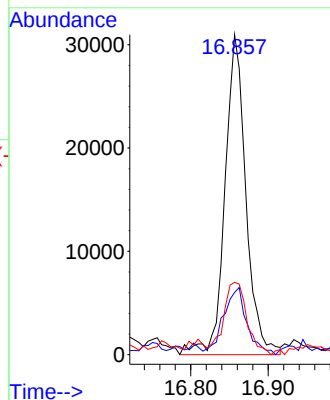
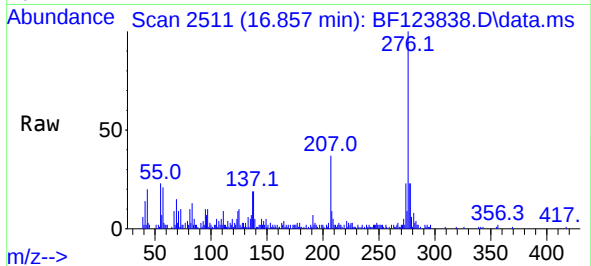


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng
RT: 16.857 min Scan# 2511
Delta R.T. -0.024 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:	276	Resp:	58535
Ion Ratio	Lower	Upper	
276	100		
138	23.5	16.2	24.2
277	25.1	20.1	30.1

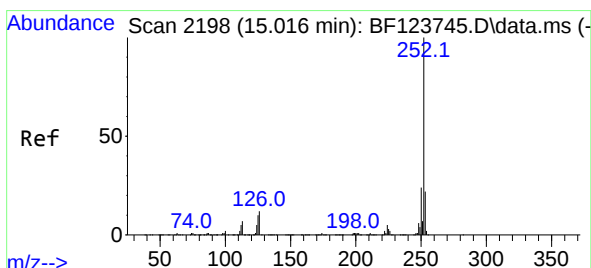
Instrument :
BNA_F
ClientSampled :
124055

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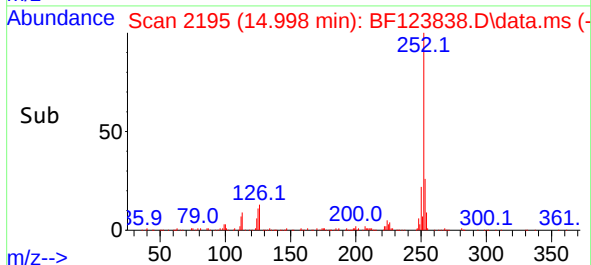
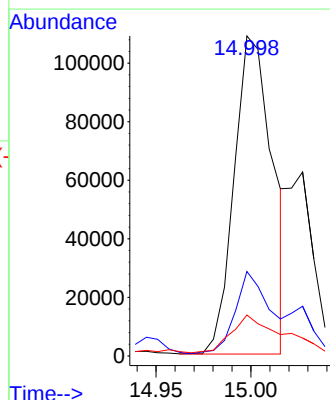
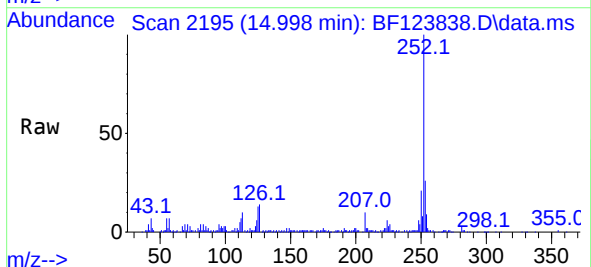
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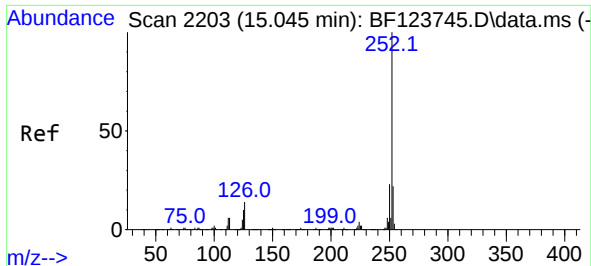
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#88
Benzo(b)fluoranthene
Concen: 5.24 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Tgt Ion:	252	Resp:	153421
Ion Ratio	Lower	Upper	
252	100		
253	26.4	18.1	27.1
125	12.8	6.2	9.4#





#89

Benzo(k)fluoranthene

Concen: 2.06 ng m

RT: 15.027 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF123838.D

Acq: 5 May 2021 20:46

Tgt Ion:	252	Resp:	57738
Ion Ratio	Lower	Upper	
252	100		
253	27.1	17.9	26.9#
125	9.7	7.0	10.6

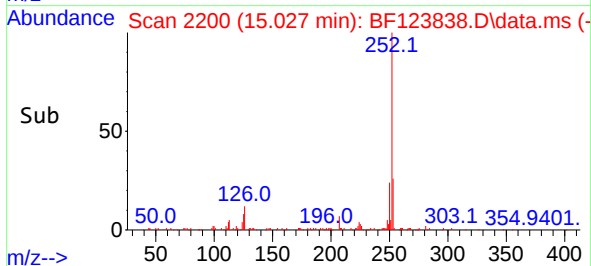
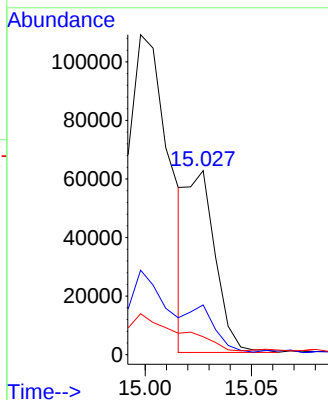
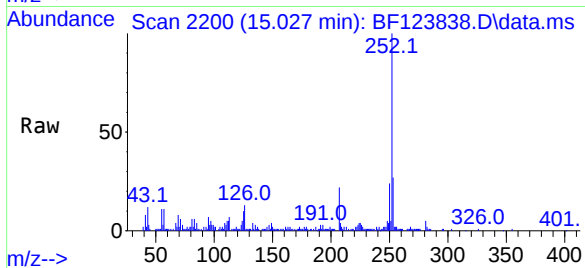
Instrument :

BNA_F

ClientSampleId :

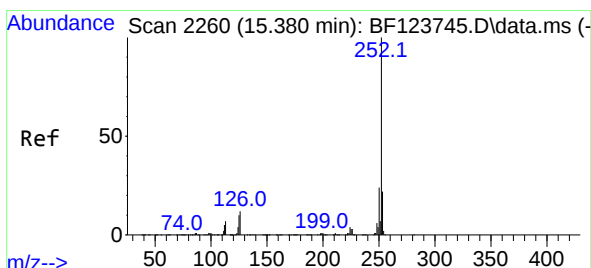
124055

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#90

Benzo(a)pyrene

Concen: 4.30 ng

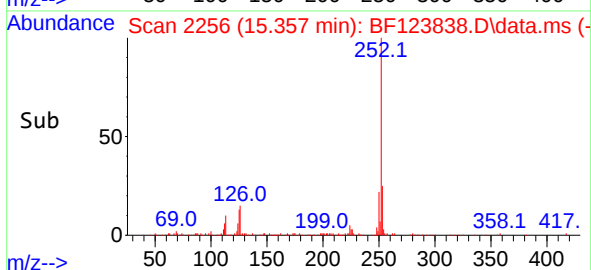
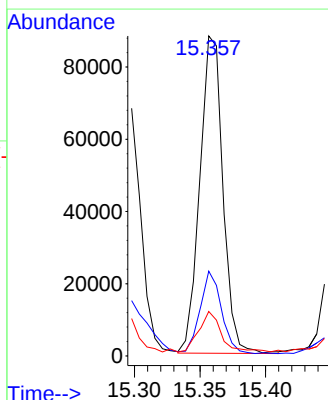
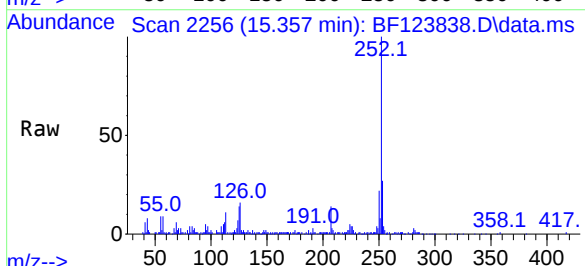
RT: 15.357 min Scan# 2256

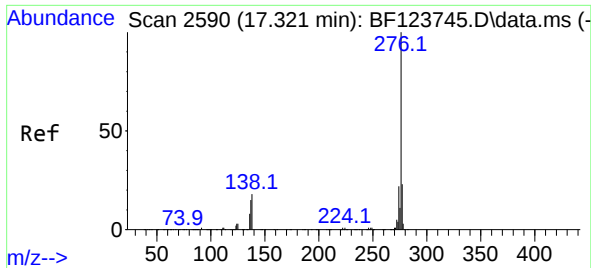
Delta R.T. -0.012 min

Lab File: BF123838.D

Acq: 5 May 2021 20:46

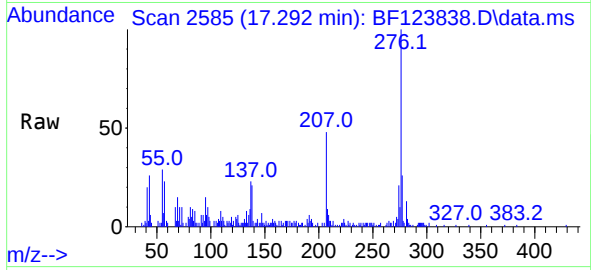
Tgt Ion:	252	Resp:	107866
Ion Ratio	Lower	Upper	
252	100		
253	26.5	18.4	27.6
125	13.9	8.0	12.0#





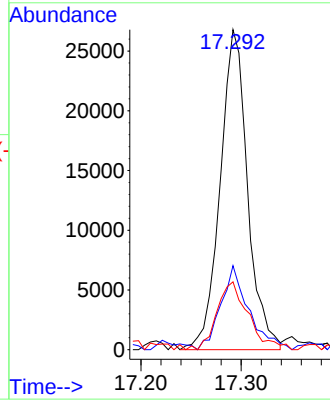
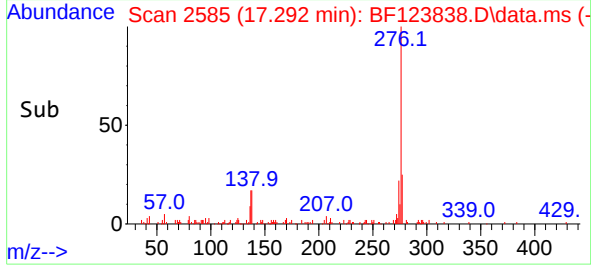
#92
Benzo(g,h,i)perylene
Concen: 2.38 ng
RT: 17.292 min Scan# 2585
Delta R.T. -0.024 min
Lab File: BF123838.D
Acq: 5 May 2021 20:46

Instrument :
BNA_F
ClientSampleId :
124055



Tgt Ion:	276	Resp:	50985
Ion Ratio	Lower	Upper	
276	100		
277	26.2	18.2	27.2
138	21.2	13.8	20.6#

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