

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123612.D
 Acq On : 17 Apr 2021 2:08
 Operator : JU/CG
 Sample : M2044-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-041421

Manual Integrations
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Quant Time: Apr 17 03:58:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	278774	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	995010	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	424099	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	630549	20.00	ng	0.00
76) Chrysene-d12	14.062	240	474863	20.00	ng	0.00
86) Perylene-d12	15.551	264	386591	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	614749	35.64	ng	0.02
7) Phenol-d6	6.504	99	778885	32.59	ng	0.00
23) Nitrobenzene-d5	7.428	82	466708	21.56	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	118268	24.63	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	797413	28.03	ng	0.00
79) Terphenyl-d14	13.004	244	548439	22.45	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.463	166	63032	2.13	ng	99
71) Phenanthrene	11.433	178	525106	15.96	ng	99
72) Anthracene	11.480	178	97623	2.97	ng	98
75) Fluoranthene	12.627	202	724592	20.04	ng	99
78) Pyrene	12.863	202	703945	20.31	ng	99
81) Benzo(a)anthracene	14.051	228	281738	9.68	ng	96
83) Chrysene	14.086	228	305356	10.45	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	121957	5.91	ng	98
88) Benzo(b)fluoranthene	15.115	252	329046m	12.06	ng	
90) Benzo(a)pyrene	15.486	252	218476	10.06	ng	99
92) Benzo(g,h,i)perylene	17.503	276	125953	8.81	ng	# 93

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

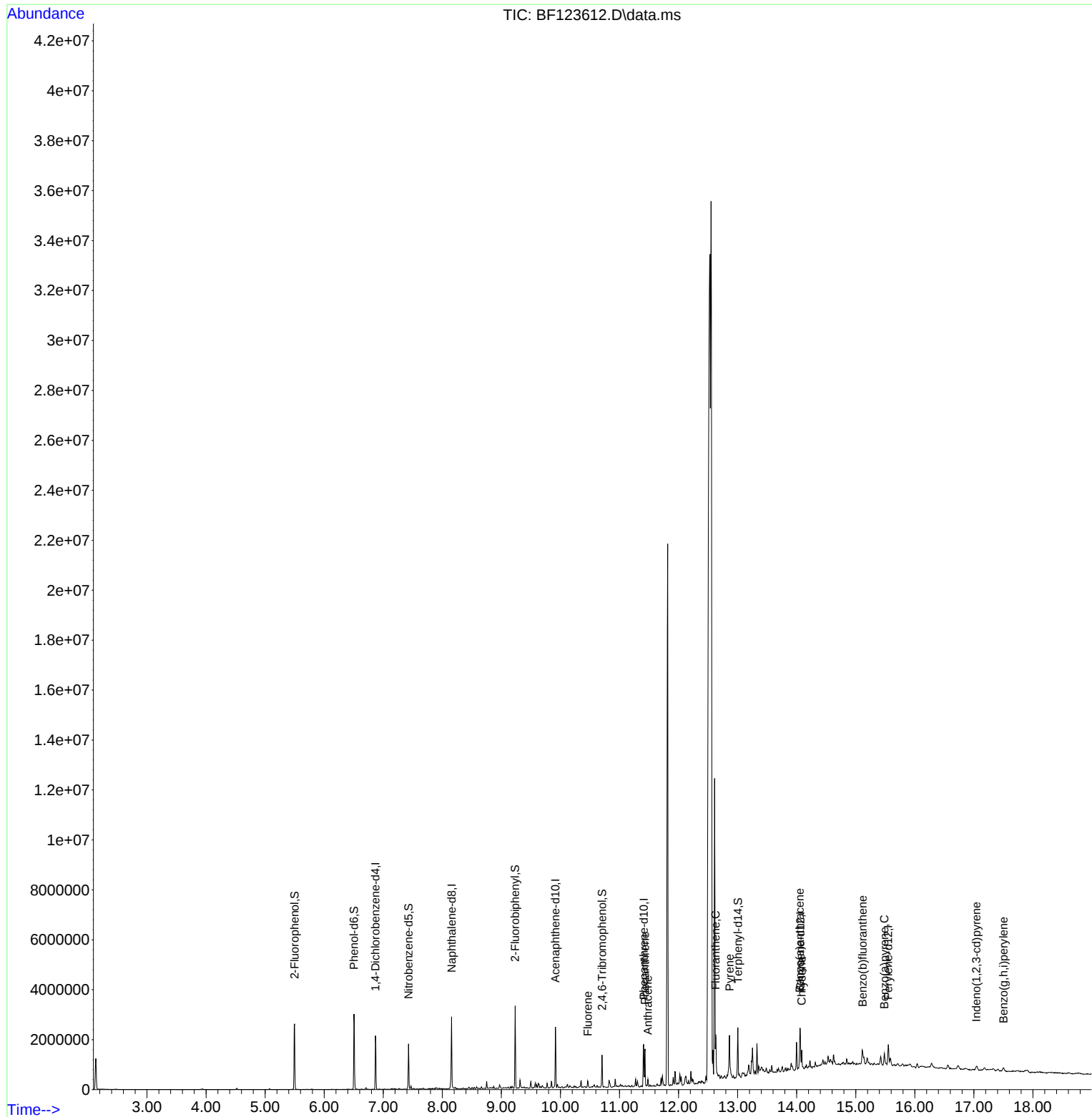
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123612.D
Acq On : 17 Apr 2021 2:08
Operator : JU/CG
Sample : M2044-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

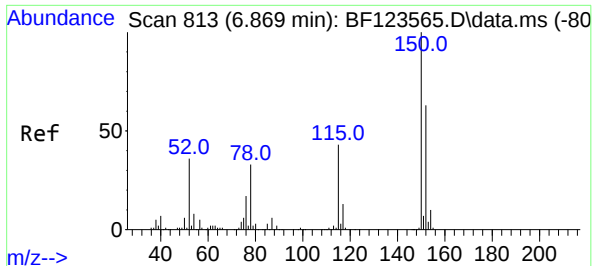
Instrument :
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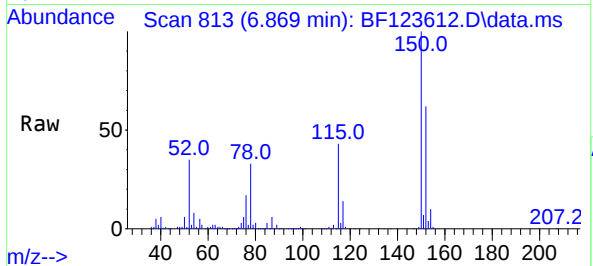
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Quant Time: Apr 17 03:58:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

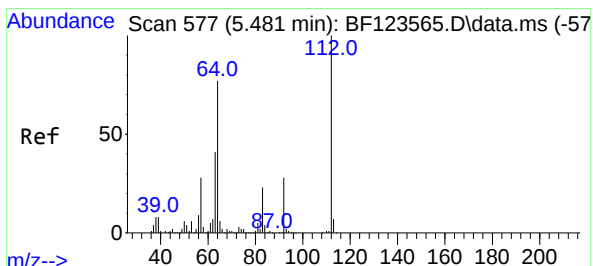
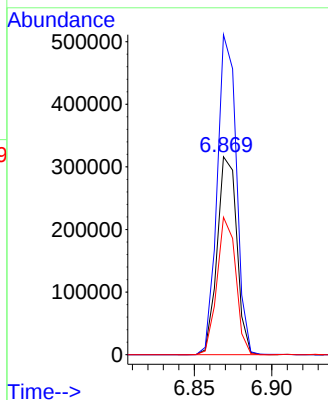
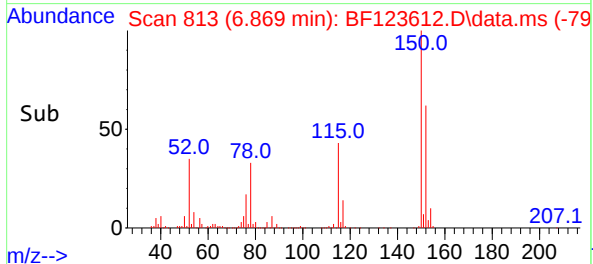




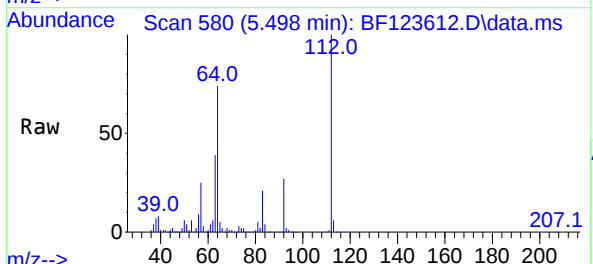
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



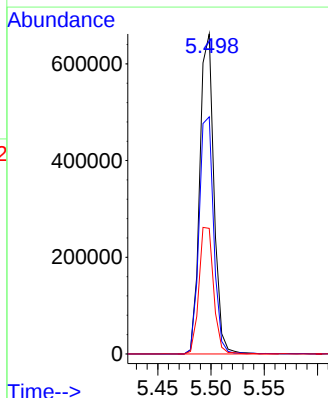
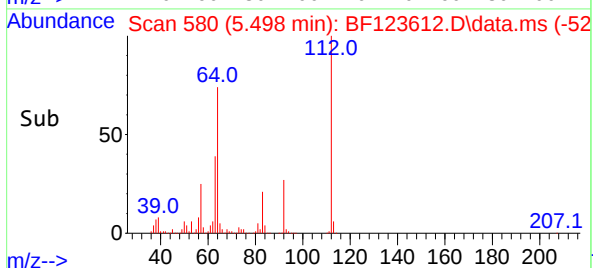
Tgt Ion:152 Resp: 278774
Ion Ratio Lower Upper
152 100
150 161.7 127.0 190.6
115 69.5 54.3 81.5



#5
2-Fluorophenol
Concen: 35.64 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



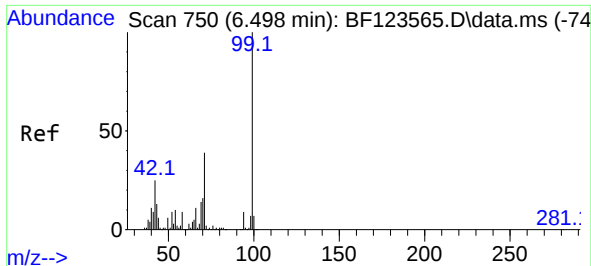
Tgt Ion:112 Resp: 614749
Ion Ratio Lower Upper
112 100
64 74.1 61.4 92.0
63 39.3 33.0 49.4



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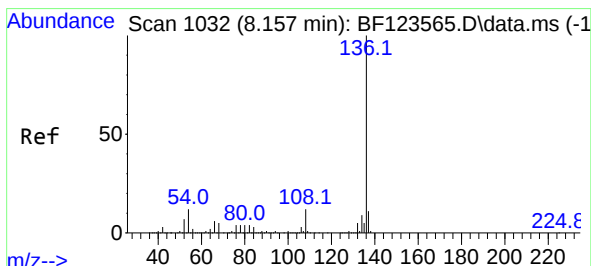
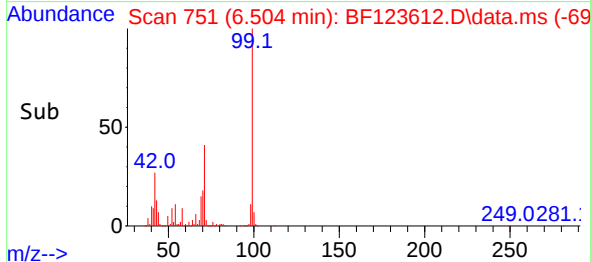
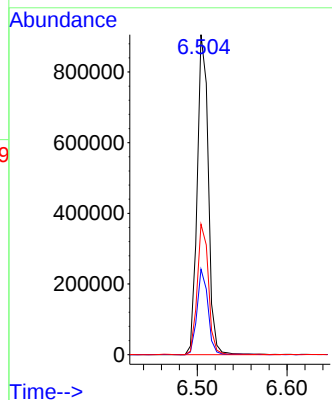
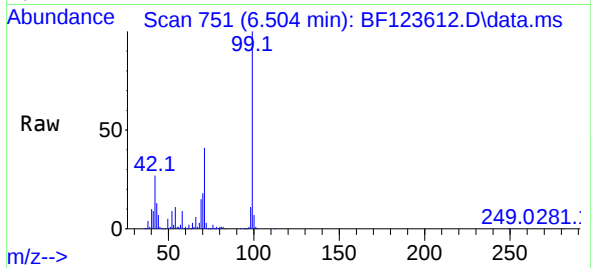
#7
Phenol-d6
Concen: 32.59 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

Tgt Ion: 99 Resp: 778885
Ion Ratio Lower Upper
99 100
42 26.7 19.8 29.8
71 40.7 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
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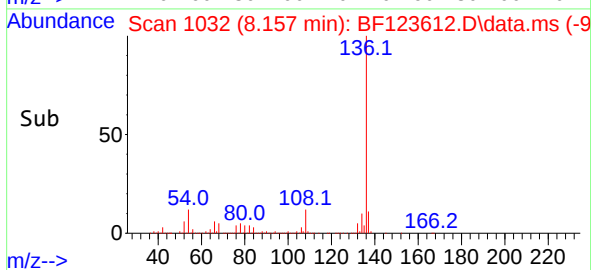
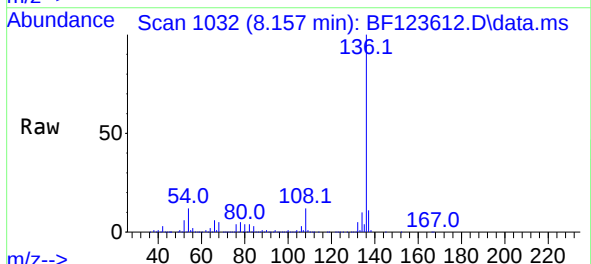
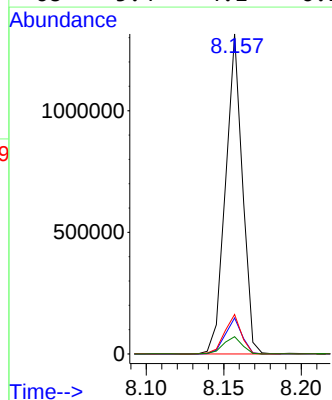
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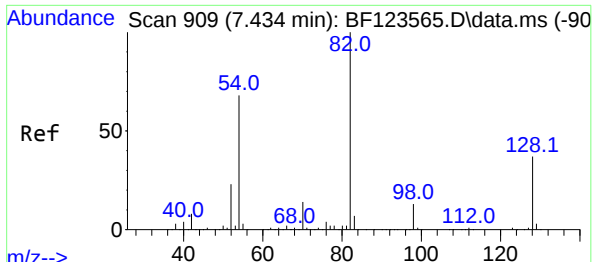
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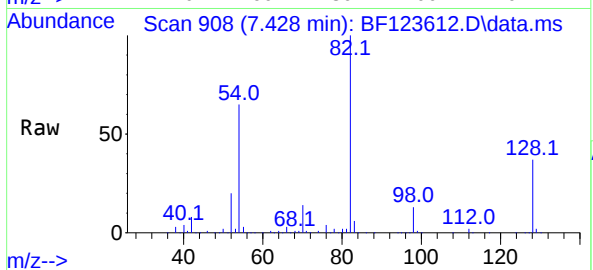
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

Tgt Ion: 136 Resp: 995010
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 12.4 9.8 14.6
68 5.4 4.1 6.1

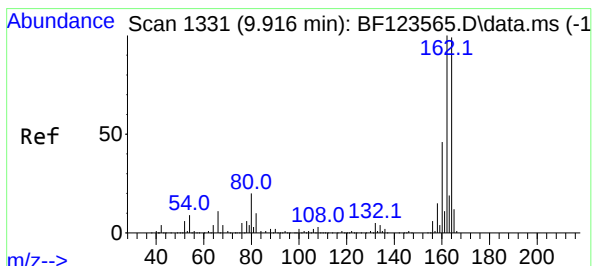
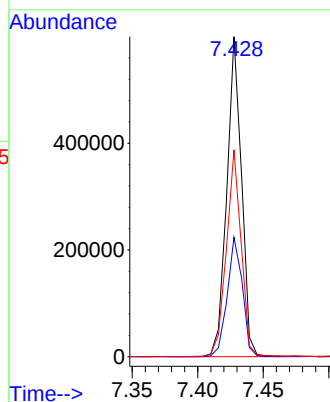
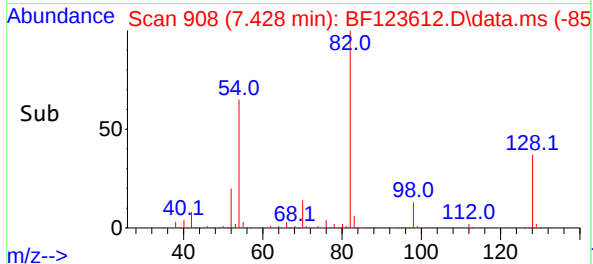




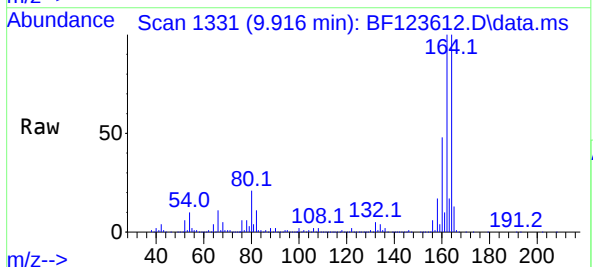
#23
Nitrobenzene-d5
Concen: 21.56 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



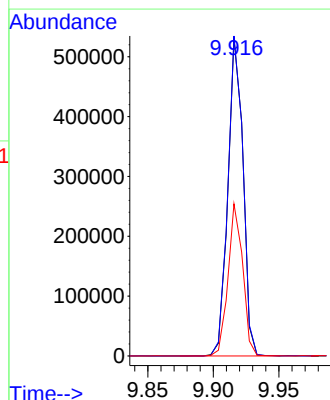
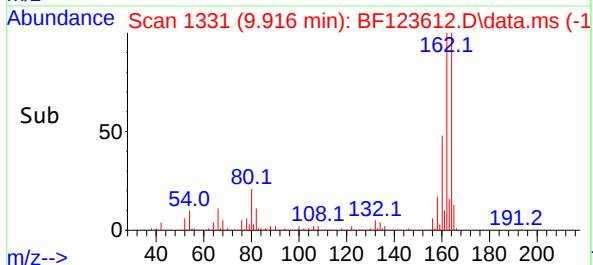
Tgt Ion: 82 Resp: 466708
Ion Ratio Lower Upper
82 100
128 37.3 29.4 44.2
54 64.6 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



Tgt Ion: 164 Resp: 424099
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 47.8 37.3 55.9



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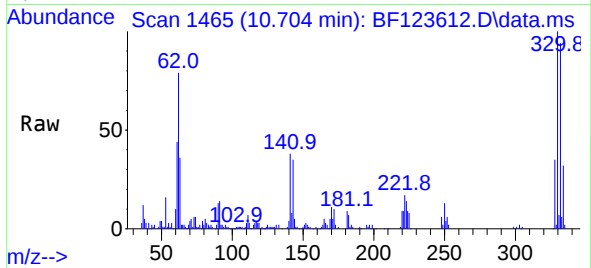
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#42
2,4,6-Tribromophenol
Concen: 24.63 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

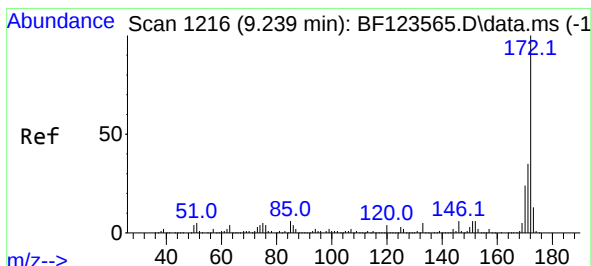
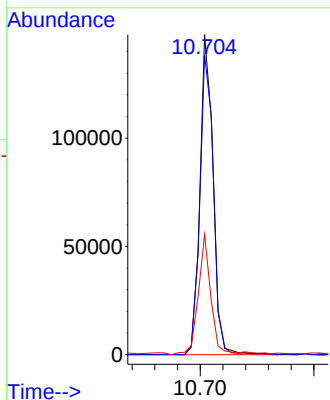
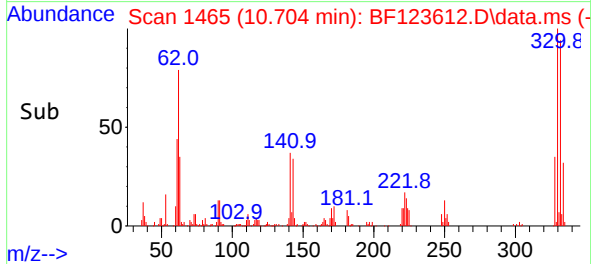
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ClientSampleId :
TR-05-041421



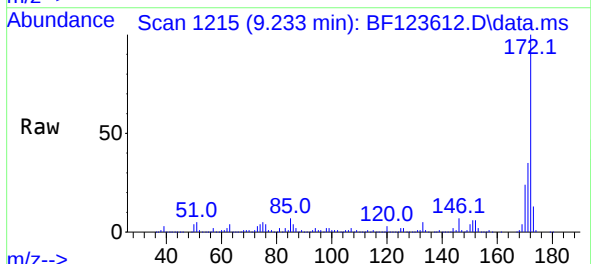
Tgt Ion:330 Resp: 118268
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 36.1 27.9 41.9

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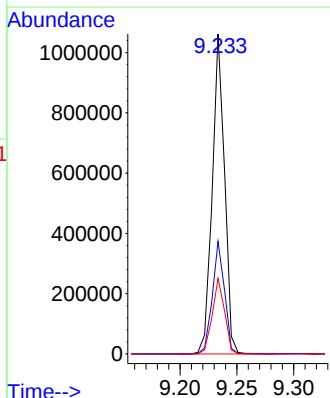
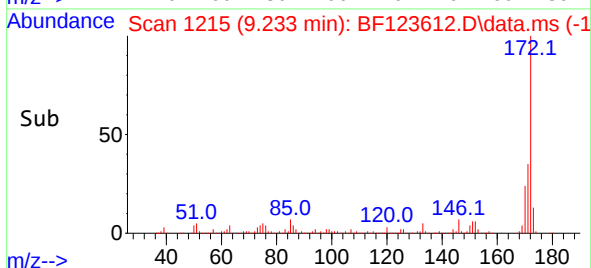
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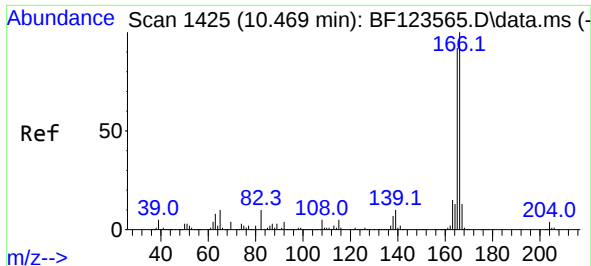


#45
2-Fluorobiphenyl
Concen: 28.03 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

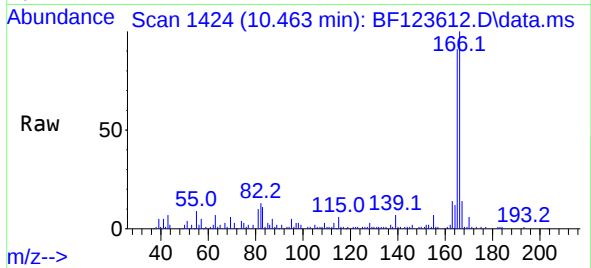


Tgt Ion:172 Resp: 797413
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.6 19.2 28.8

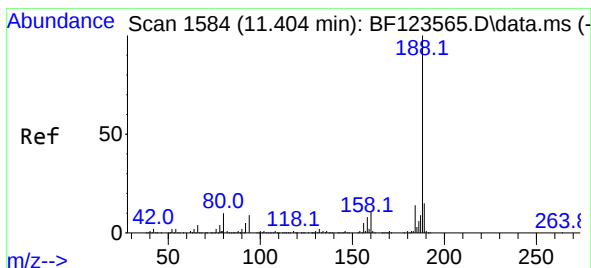
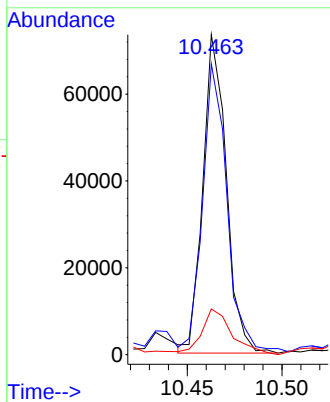
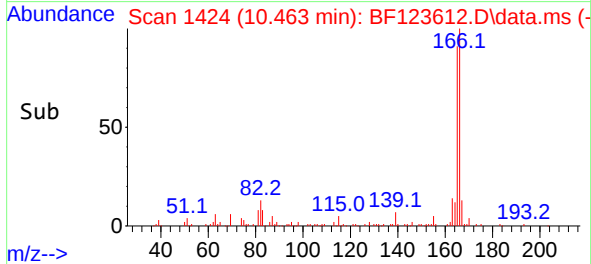




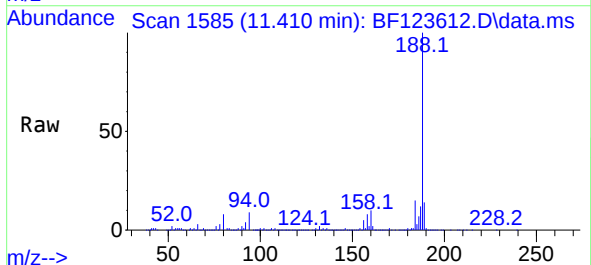
#58
Fluorene
Concen: 2.13 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



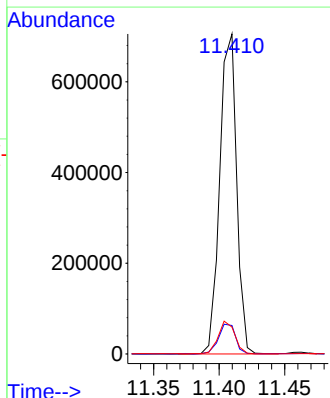
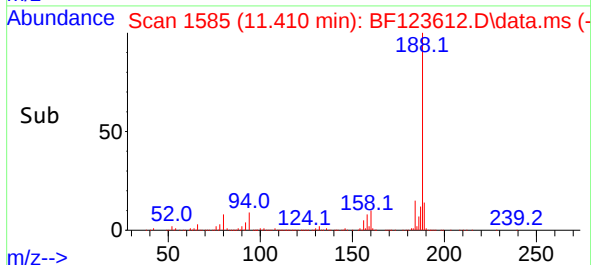
Tgt Ion:166 Resp: 63032
Ion Ratio Lower Upper
166 100
165 90.9 73.5 110.3
167 14.3 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



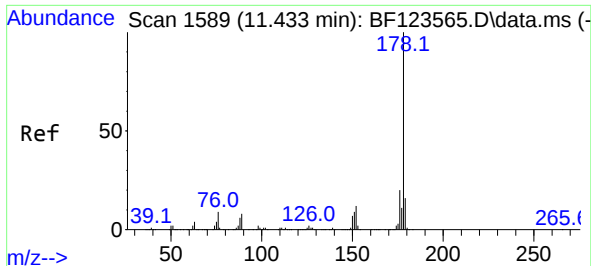
Tgt Ion:188 Resp: 630549
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 8.4 8.2 12.2



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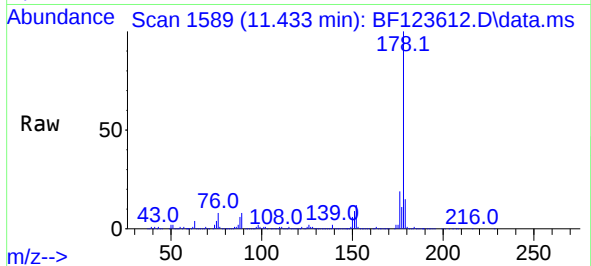
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#71
Phenanthrene
Concen: 15.96 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

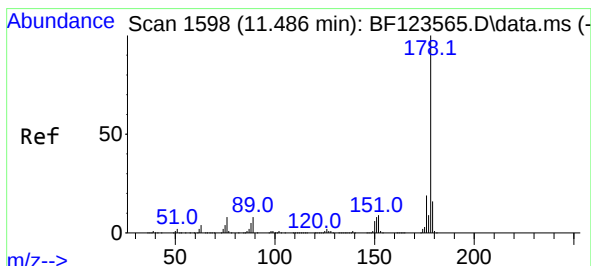
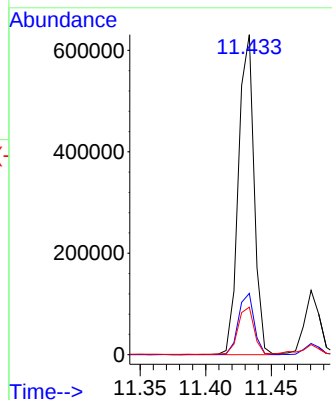
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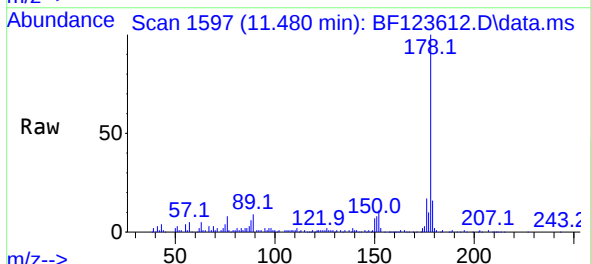
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Ion Ratio Lower Upper
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176 19.1 15.6 23.4
179 14.8 12.5 18.7

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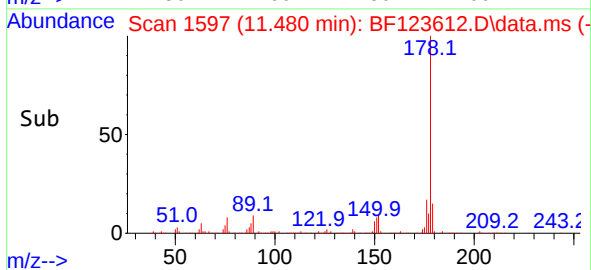
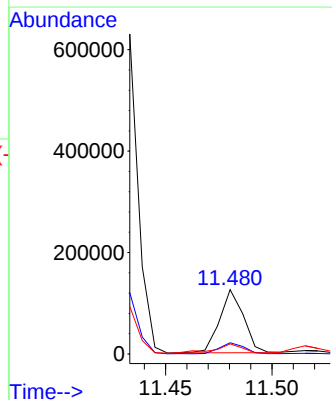
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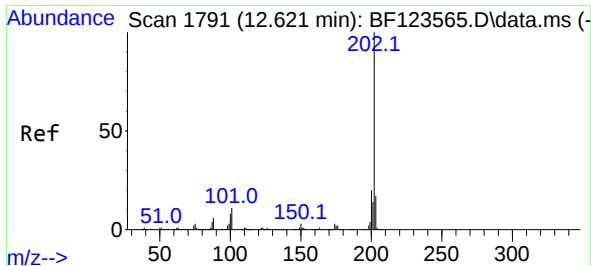


#72
Anthracene
Concen: 2.97 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



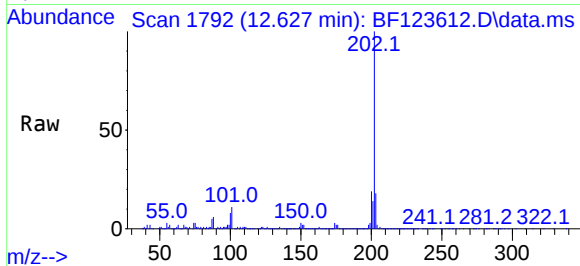
Tgt Ion:178 Resp: 97623
Ion Ratio Lower Upper
178 100
176 17.4 15.4 23.0
179 15.6 12.6 18.8





#75
Fluoranthene
Concen: 20.04 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

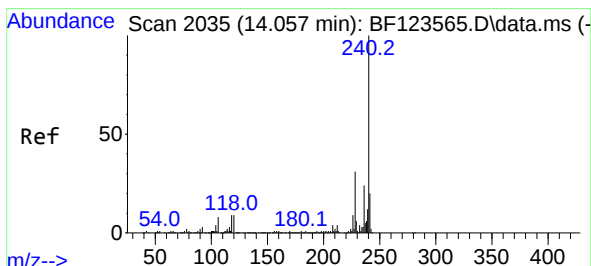
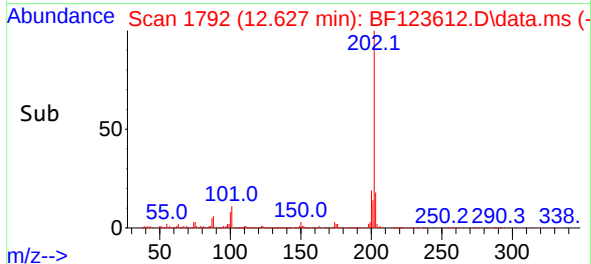
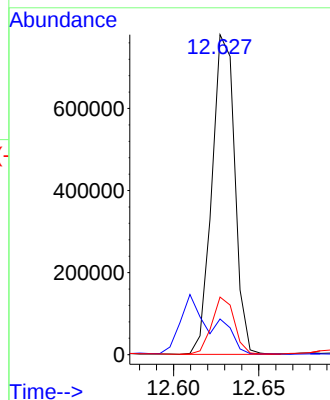
Instrument :
BNA_F
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TR-05-041421



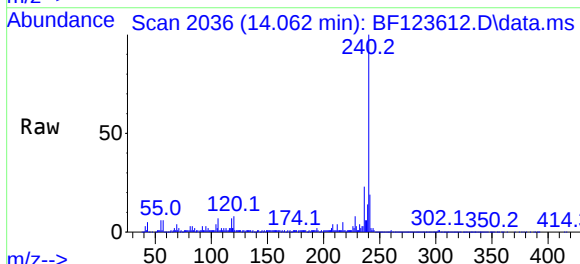
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Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.9
203 18.0 0.0 37.5

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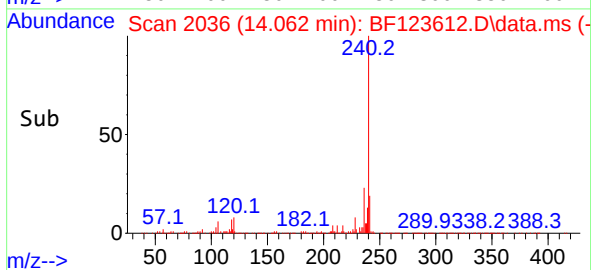
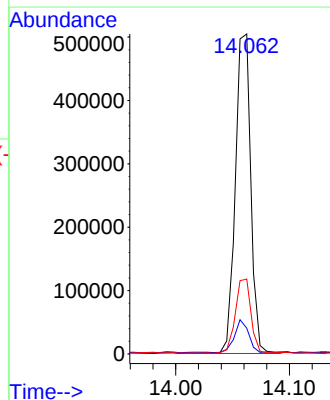
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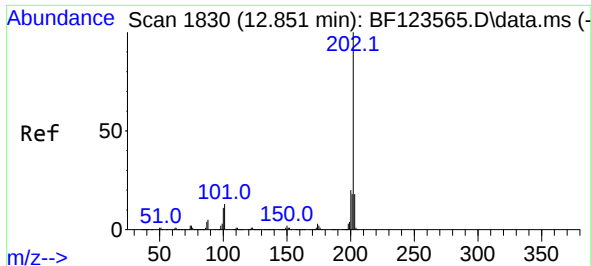


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

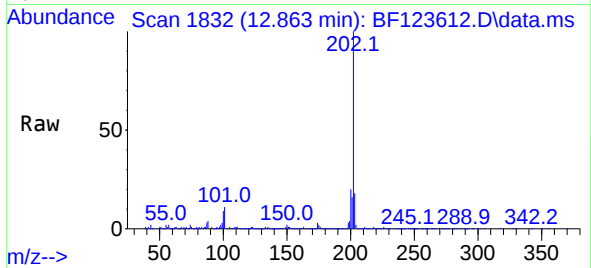


Tgt Ion:240 Resp: 474863
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 23.4 19.0 28.4

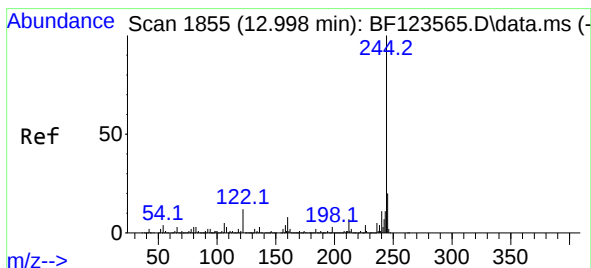
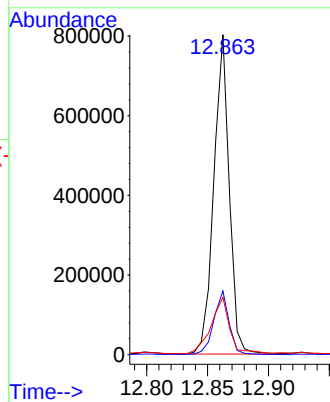
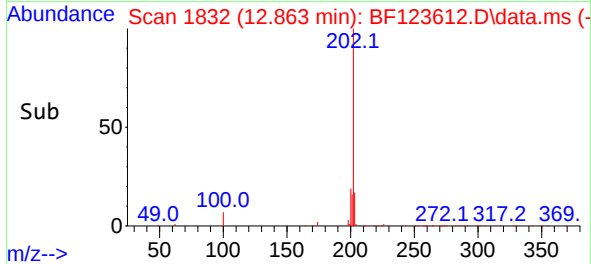




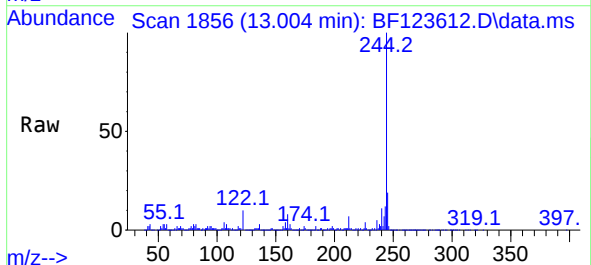
#78
Pyrene
Concen: 20.31 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



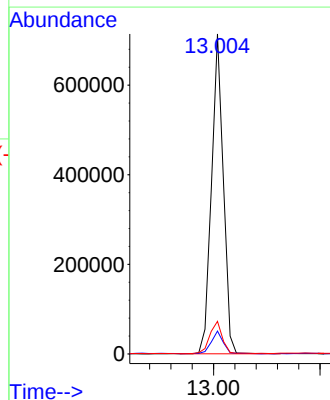
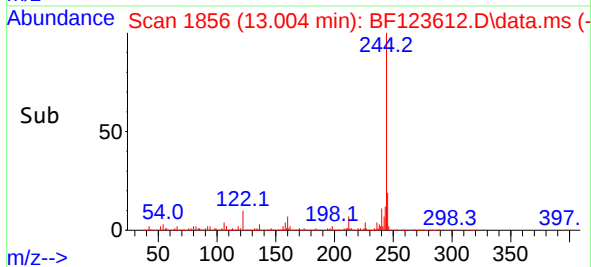
Tgt Ion:202 Resp: 703945
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.9 14.8 22.2



#79
Terphenyl-d14
Concen: 22.45 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



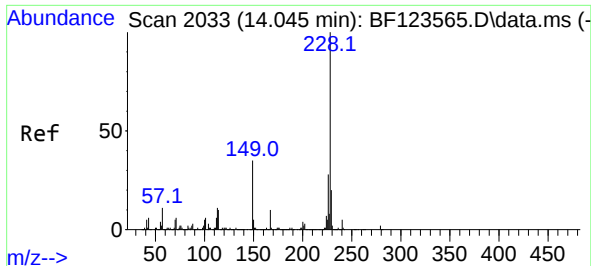
Tgt Ion:244 Resp: 548439
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.2 9.7 14.5



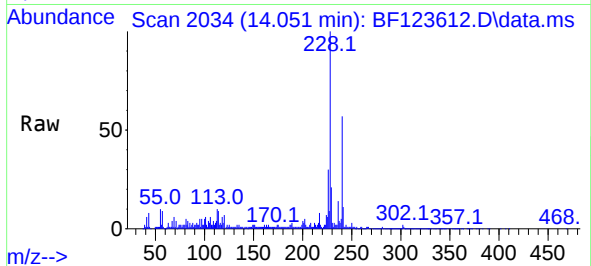
Instrument :
BNA_F
ClientSampleId :
TR-05-041421

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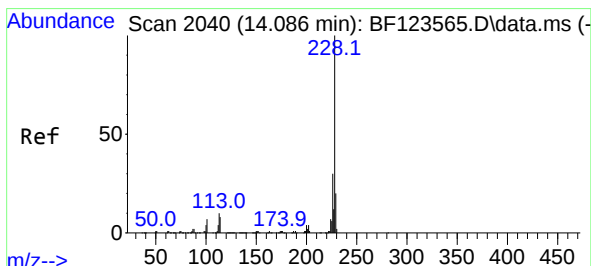
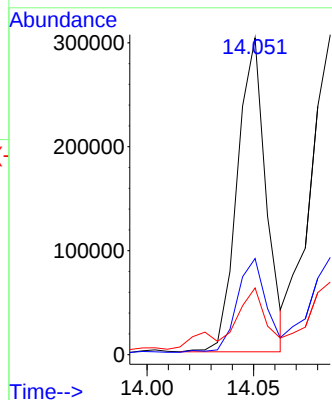
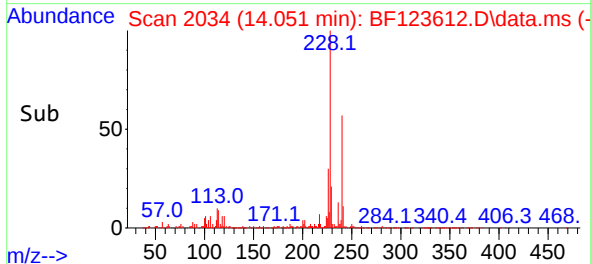
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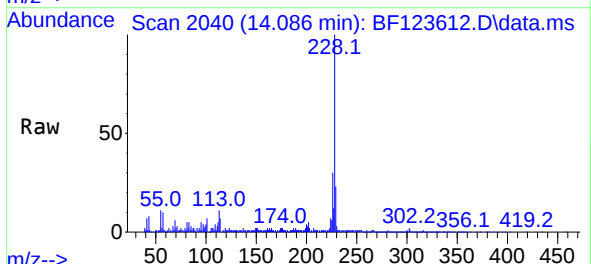
#81
Benzo(a)anthracene
Concen: 9.68 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



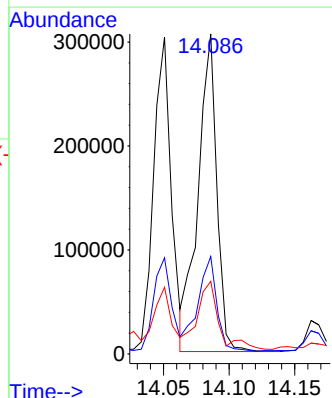
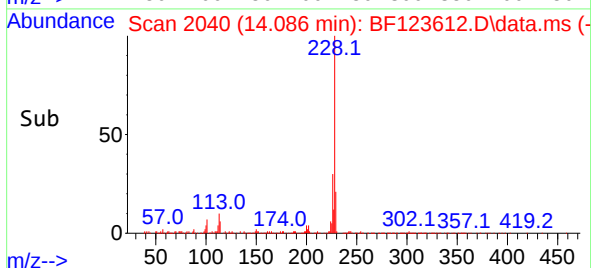
Tgt Ion:228 Resp: 281738
Ion Ratio Lower Upper
228 100
226 30.4 22.4 33.6
229 21.1 16.0 24.0



#83
Chrysene
Concen: 10.45 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



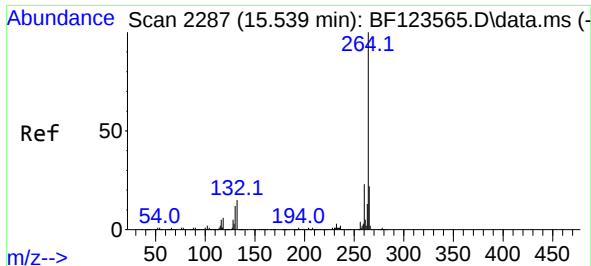
Tgt Ion:228 Resp: 305356
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.7 16.2 24.2



Instrument :
BNA_F
ClientSampleId :
TR-05-041421

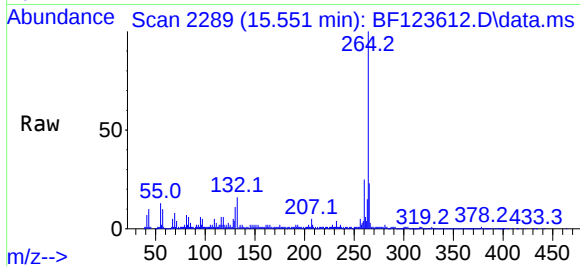
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.012 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

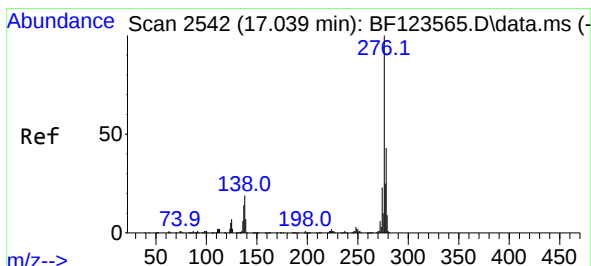
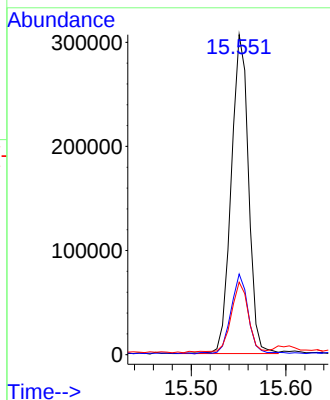
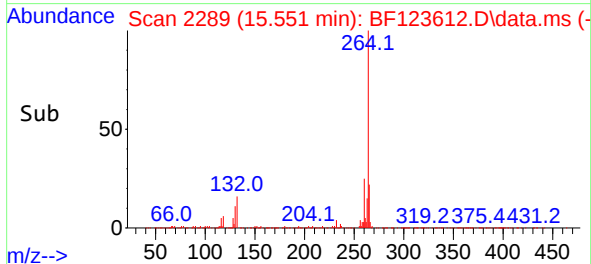
Instrument :
BNA_F
ClientSampleId :
TR-05-041421



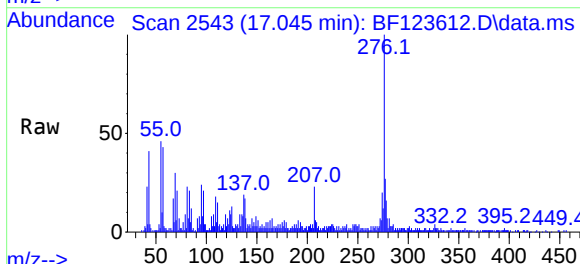
Tgt Ion:264 Resp: 386591
Ion Ratio Lower Upper
264 100
260 25.2 18.7 28.1
265 22.7 17.8 26.8

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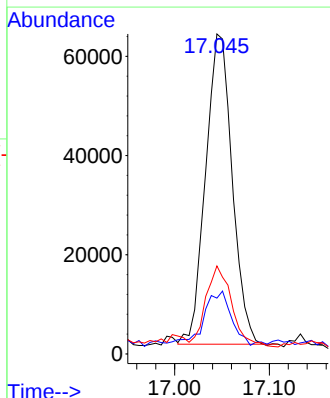
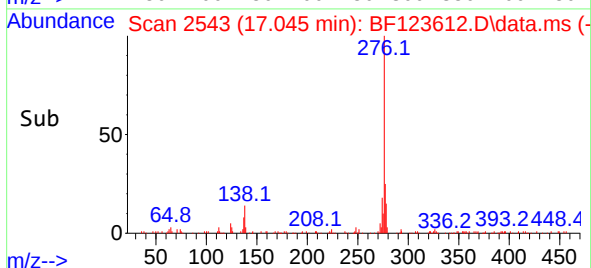
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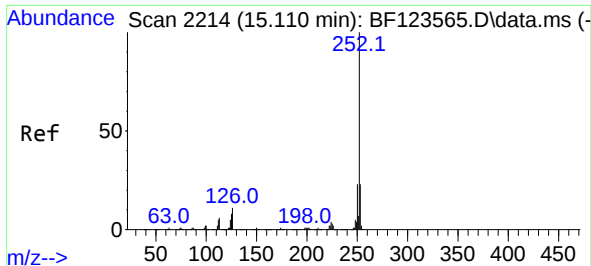


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.91 ng
RT: 17.045 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



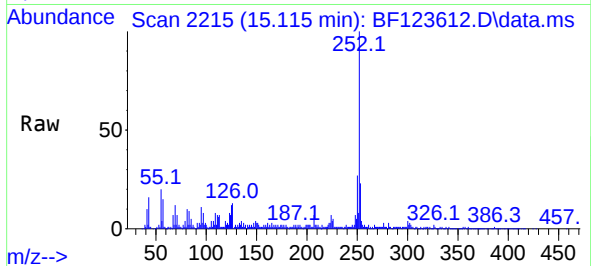
Tgt Ion:276 Resp: 121957
Ion Ratio Lower Upper
276 100
138 19.0 16.2 24.2
277 25.5 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 12.06 ng m
RT: 15.115 min Scan# 2215
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

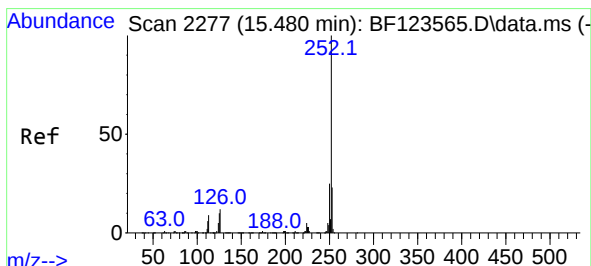
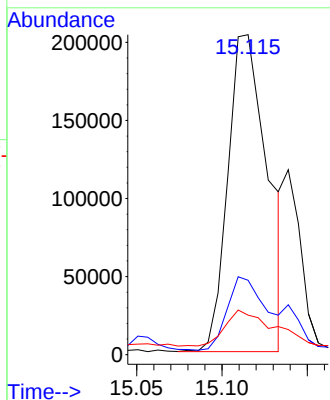
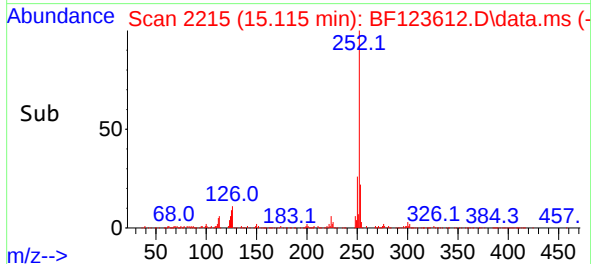
Instrument :
BNA_F
ClientSampleId :
TR-05-041421



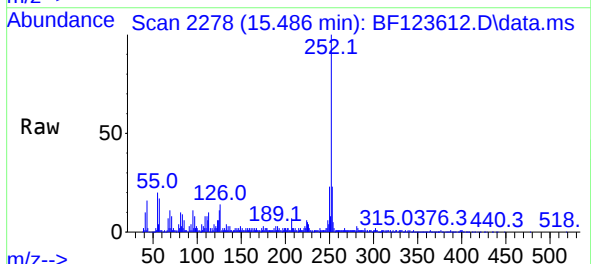
Tgt Ion:252 Resp: 329046
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 12.4 6.2 9.4#

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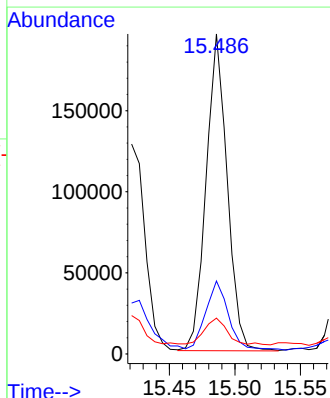
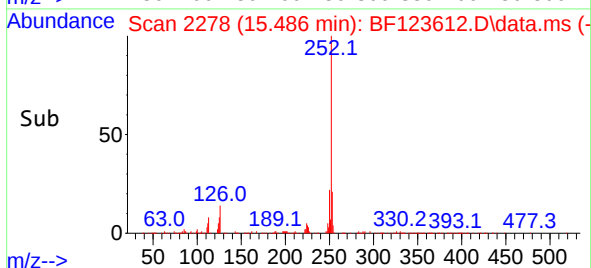
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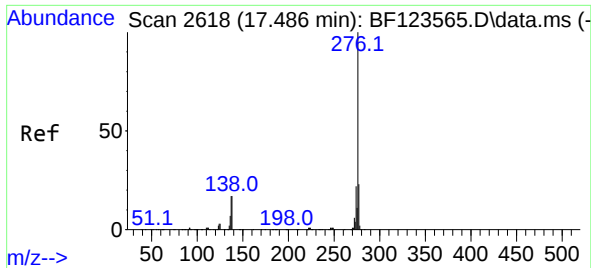


#90
Benzo(a)pyrene
Concen: 10.06 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08



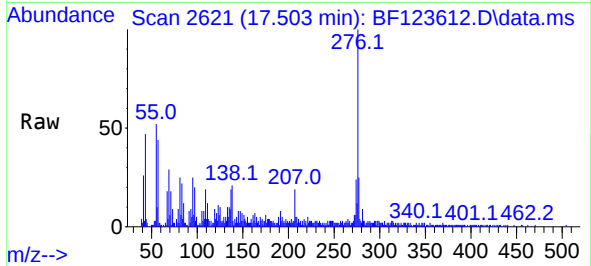
Tgt Ion:252 Resp: 218476
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 11.2 8.0 12.0





#92
Benzo(g,h,i)perylene
Concen: 8.81 ng
RT: 17.503 min Scan# 2621
Delta R.T. 0.018 min
Lab File: BF123612.D
Acq: 17 Apr 2021 2:08

Instrument :
BNA_F
ClientSampleId :
TR-05-041421



Tgt Ion: 276 Resp: 125953
Ion Ratio Lower Upper
276 100
277 25.0 18.2 27.2
138 21.5 13.8 20.6#

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