

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123610.D
 Acq On : 17 Apr 2021 1:04
 Operator : JU/CG
 Sample : M2040-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-A

Manual Integrations
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mohammad
 4/19/2021 11:45:38 AM

Quant Time: Apr 17 02:23:13 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	244244	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	891617	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	380841	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	548135	20.00	ng	# 0.00
76) Chrysene-d12	14.086	240	382534	20.00	ng	# 0.03
86) Perylene-d12	15.610	264	330163	20.00	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1688872	111.76	ng	0.02
7) Phenol-d6	6.510	99	2211671	105.62	ng	0.01
23) Nitrobenzene-d5	7.434	82	1584308	81.69	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	435984	101.09	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2170035	84.94	ng	0.00
79) Terphenyl-d14	13.016	244	1470241	74.70	ng	0.02
Target Compounds						Qvalue
10) Phenol	6.522	94	61658	2.77	ng	94
31) Naphthalene	8.175	128	140473	3.06	ng	99
50) Dimethylphthalate	9.628	163	71479	2.72	ng	# 92
58) Fluorene	10.463	166	58034	2.19	ng	# 91
71) Phenanthrene	11.433	178	609891	21.32	ng	97
72) Anthracene	11.486	178	142273m	4.98	ng	
73) Carbazole	11.639	167	84634	2.97	ng	# 83
75) Fluoranthene	12.639	202	753759	23.98	ng	94
78) Pyrene	12.869	202	673412	24.12	ng	96
81) Benzo(a)anthracene	14.080	228	328860	14.03	ng	# 88
83) Chrysene	14.116	228	350122	14.87	ng	# 88
87) Indeno(1,2,3-cd)pyrene	17.110	276	150234	8.53	ng	99
88) Benzo(b)fluoranthene	15.163	252	360025m	15.44	ng	
89) Benzo(k)fluoranthene	15.186	252	118301m	4.23	ng	
90) Benzo(a)pyrene	15.545	252	240306	12.96	ng	# 68
91) Dibenzo(a,h)anthracene	17.121	278	43235	2.90	ng	# 33
92) Benzo(g,h,i)perylene	17.562	276	144866	11.95	ng	# 92

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

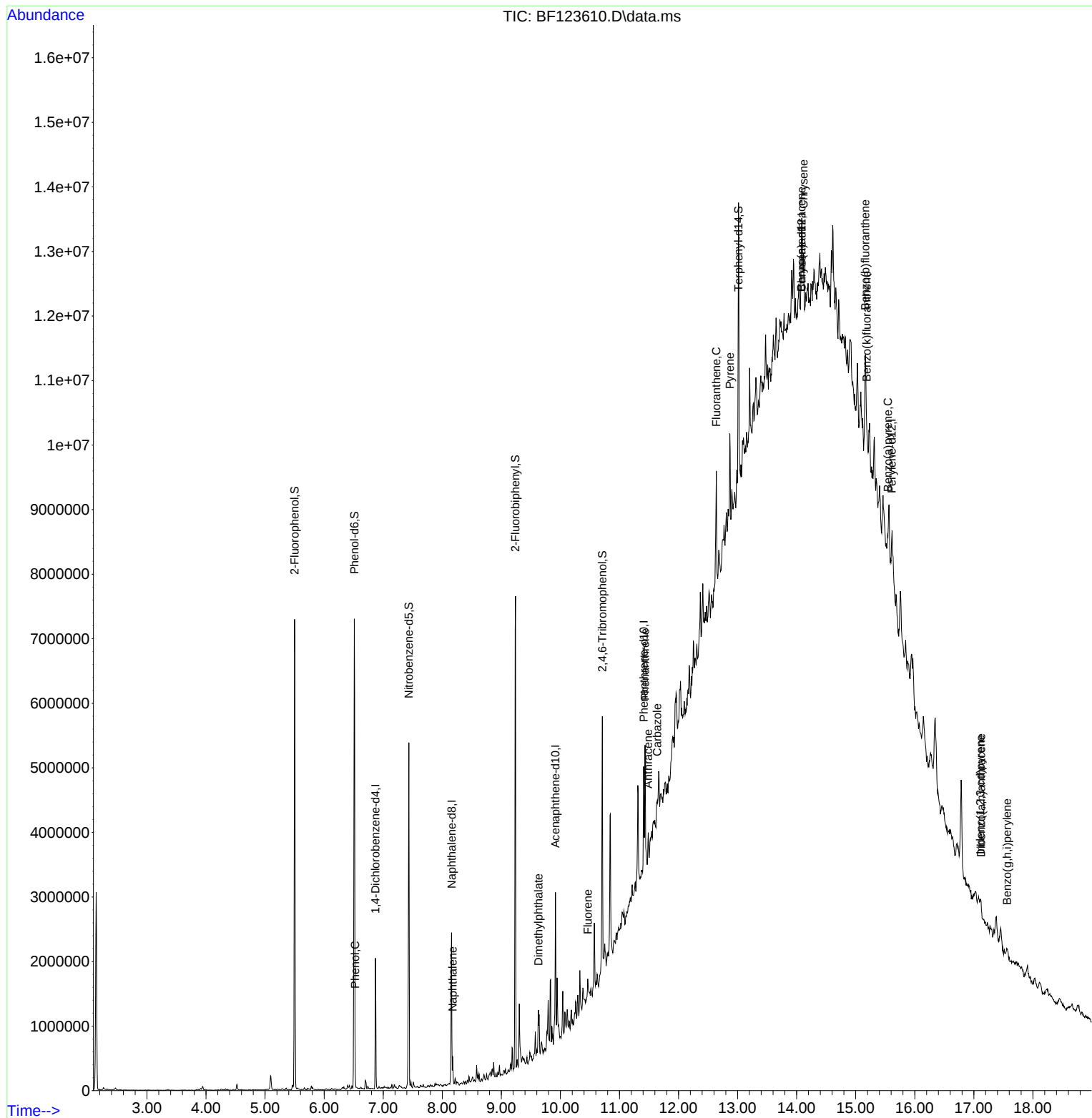
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123610.D
Acq On : 17 Apr 2021 1:04
Operator : JU/CG
Sample : M2040-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

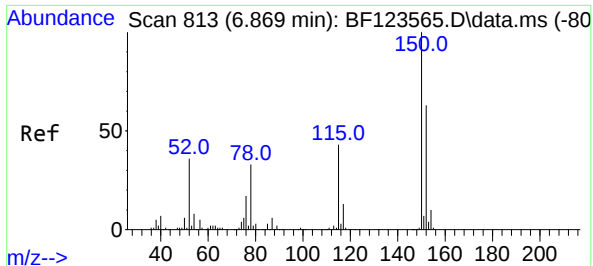
Instrument :
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ClientSampleId :
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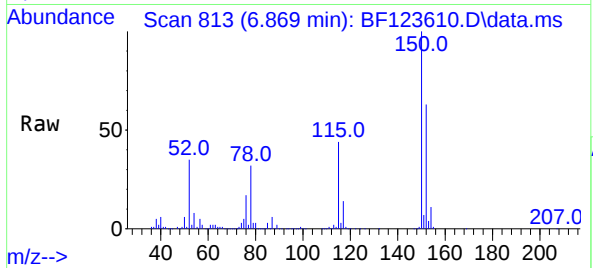
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Quant Time: Apr 17 02:23:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

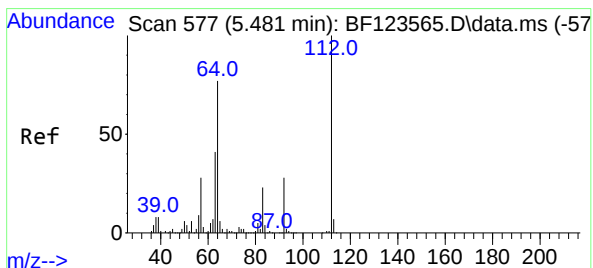
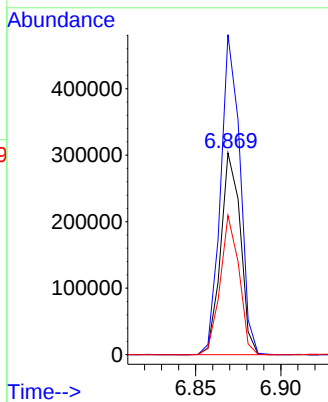
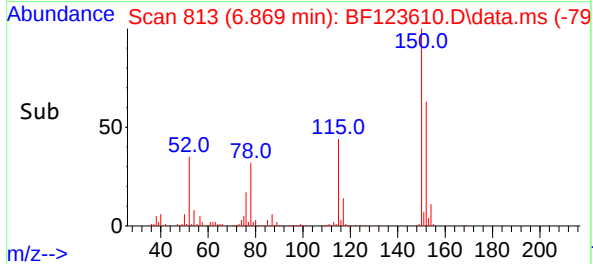




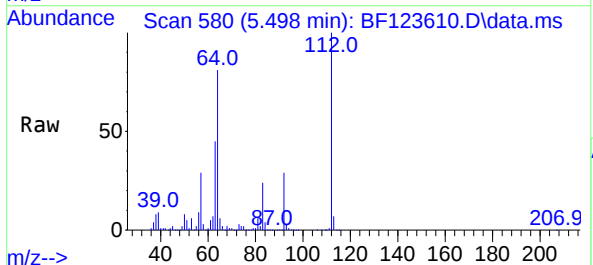
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



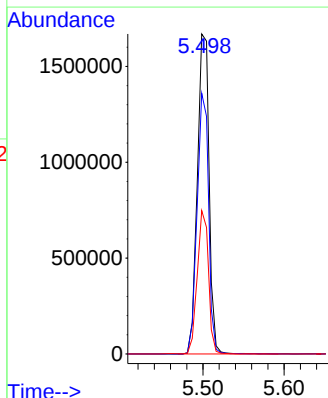
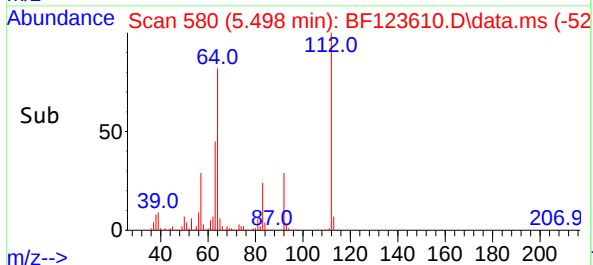
Tgt Ion:152 Resp: 244244
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 69.0 54.3 81.5



#5
2-Fluorophenol
Concen: 111.76 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



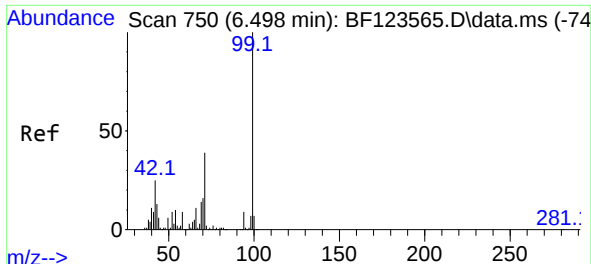
Tgt Ion:112 Resp: 1688872
Ion Ratio Lower Upper
112 100
64 81.5 61.4 92.0
63 44.8 33.0 49.4



Instrument :
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ClientSampleId :
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#7
Phenol-d6
Concen: 105.62 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

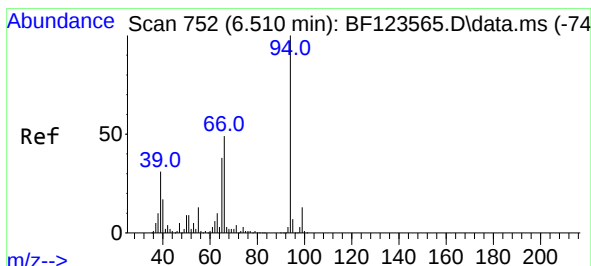
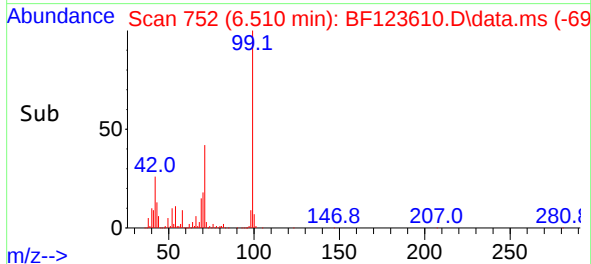
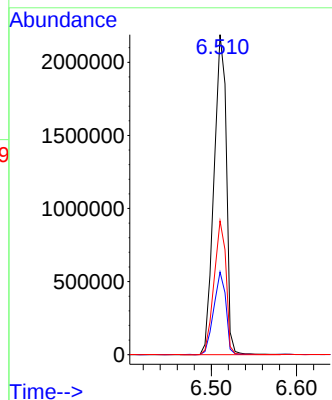
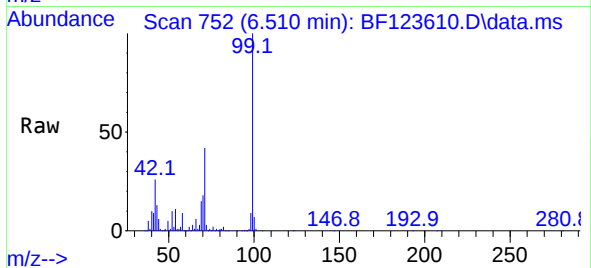
Tgt Ion: 99 Resp: 2211671

Ion	Ratio	Lower	Upper
99	100		
42	25.9	19.8	29.8
71	41.8	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
FILL-A

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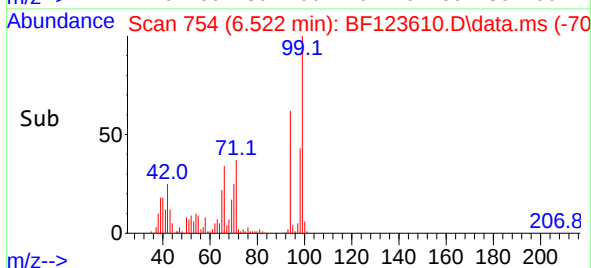
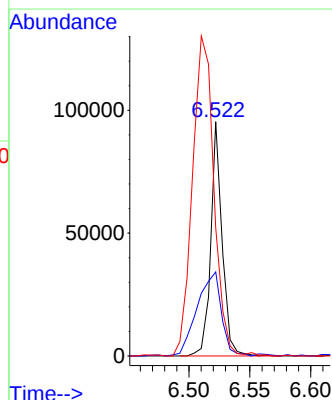
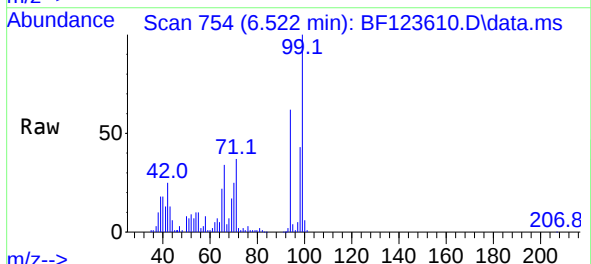
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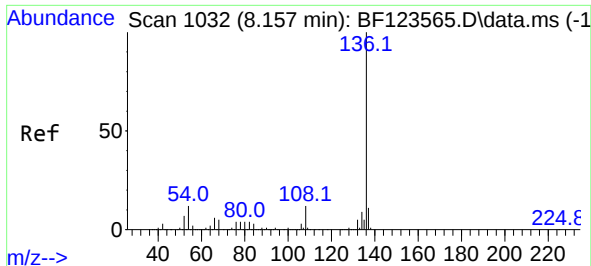


#10
Phenol
Concen: 2.77 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion: 94 Resp: 61658

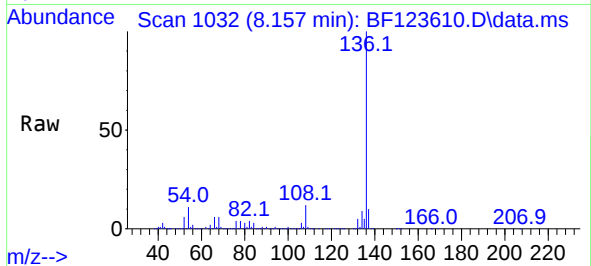
Ion	Ratio	Lower	Upper
94	100		
65	35.9	18.1	58.1
66	54.7	29.0	69.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

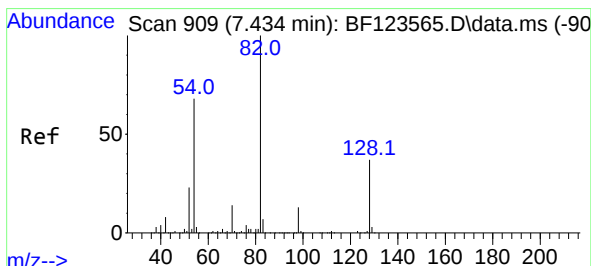
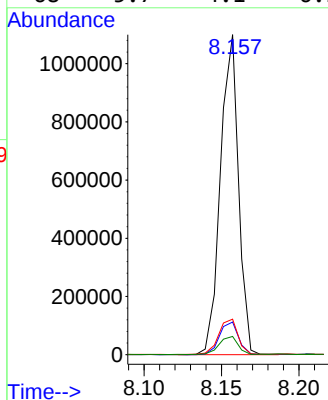
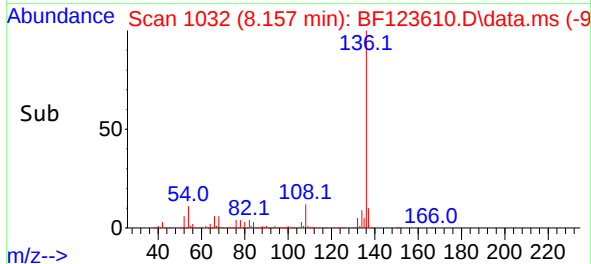
Instrument :
BNA_F
ClientSampleId :
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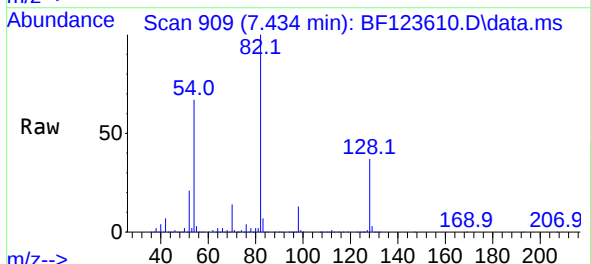
Tgt Ion:136 Resp: 891617
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 11.1 9.8 14.6
68 5.7 4.1 6.1

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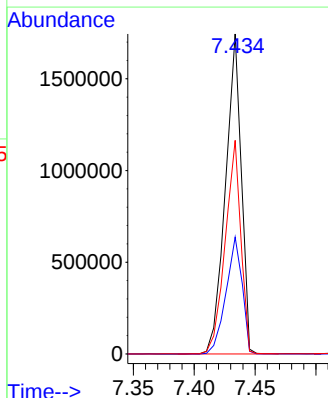
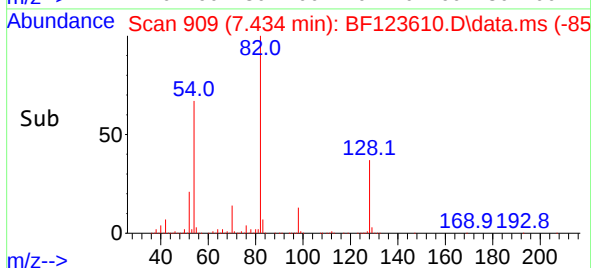
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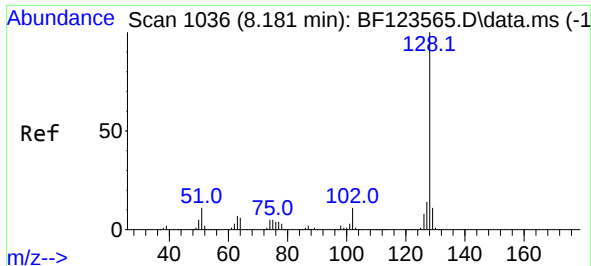


#23
Nitrobenzene-d5
Concen: 81.69 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



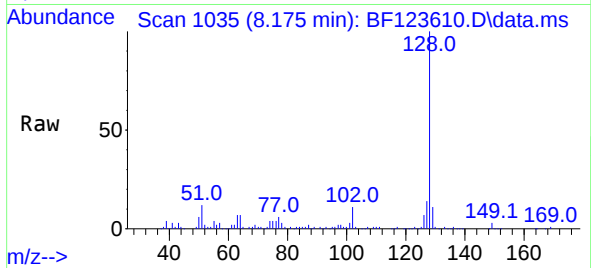
Tgt Ion: 82 Resp: 1584308
Ion Ratio Lower Upper
82 100
128 36.5 29.4 44.2
54 66.8 54.1 81.1





#31
Naphthalene
Concen: 3.06 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

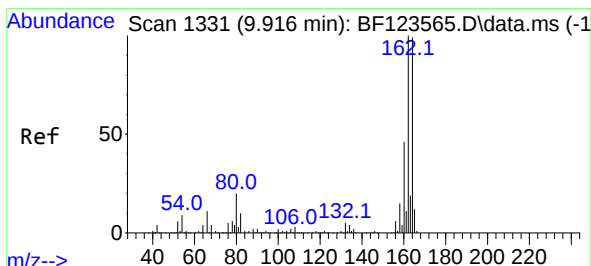
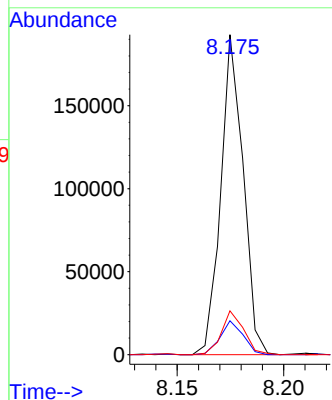
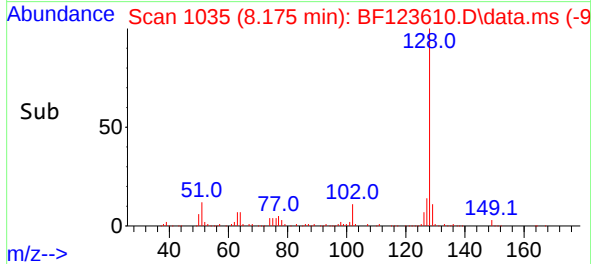
Instrument :
BNA_F
ClientSampled :
FILL-A



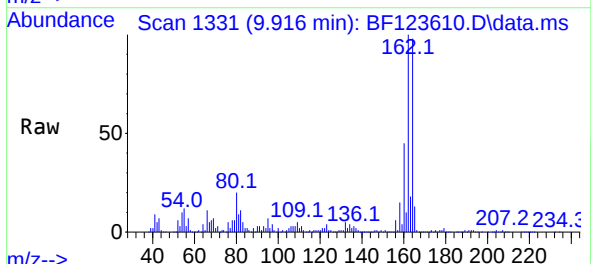
Tgt Ion:128 Resp: 140473
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.7 10.8 16.2

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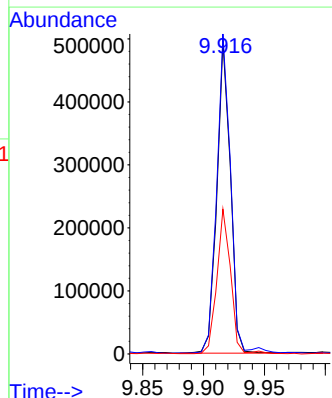
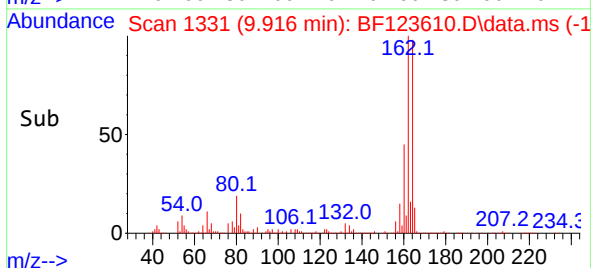
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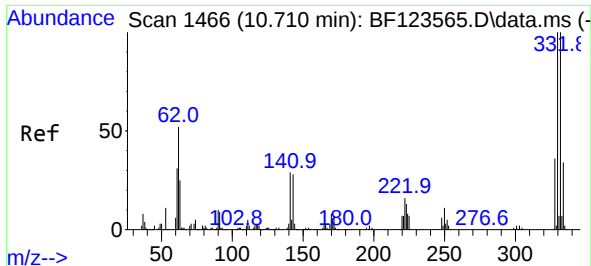


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



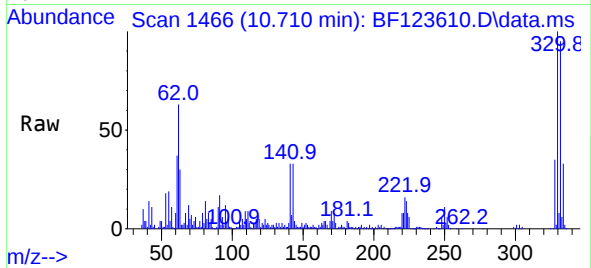
Tgt Ion:164 Resp: 380841
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 46.3 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 101.09 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

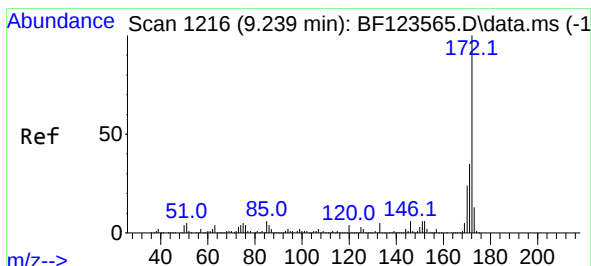
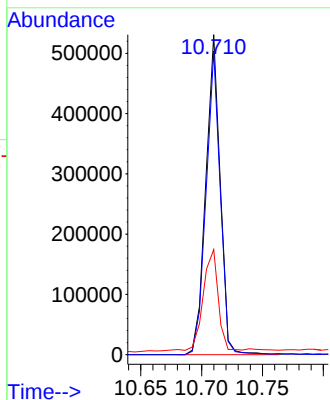
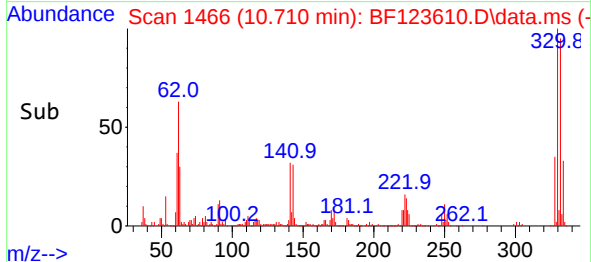
Instrument :
BNA_F
ClientSampled :
FILL-A



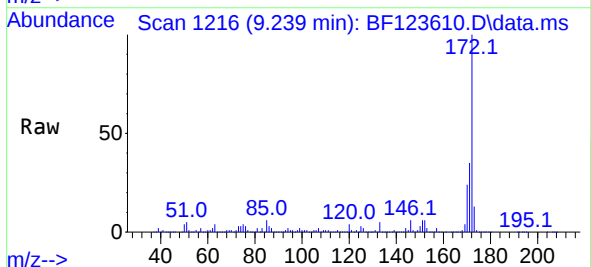
Tgt Ion:330 Resp: 435984
Ion Ratio Lower Upper
330 100
332 93.5 77.1 115.7
141 35.4 27.9 41.9

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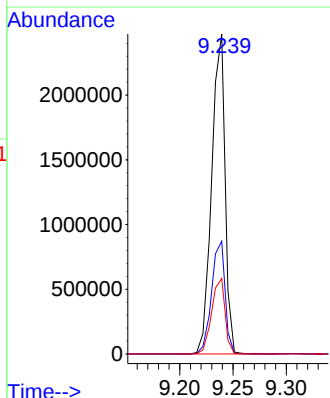
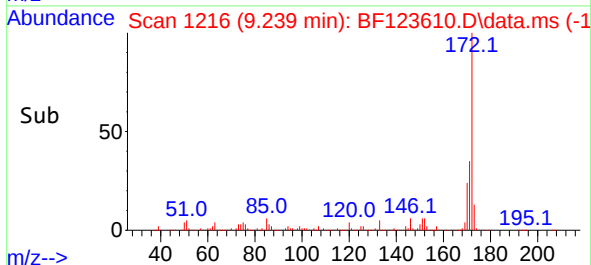
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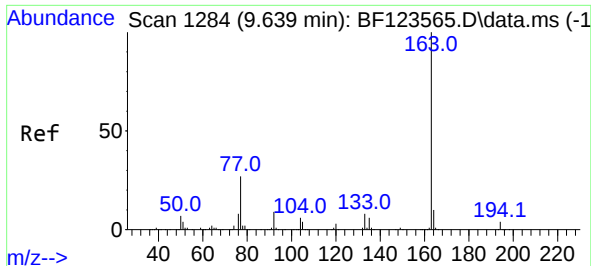


#45
2-Fluorobiphenyl
Concen: 84.94 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



Tgt Ion:172 Resp: 2170035
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 19.2 28.8





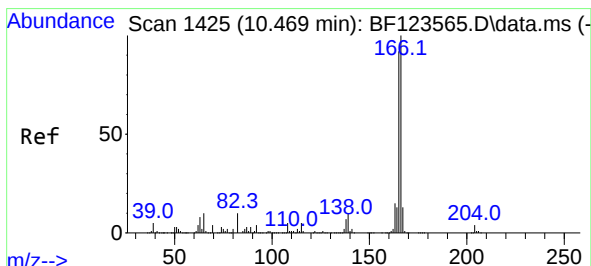
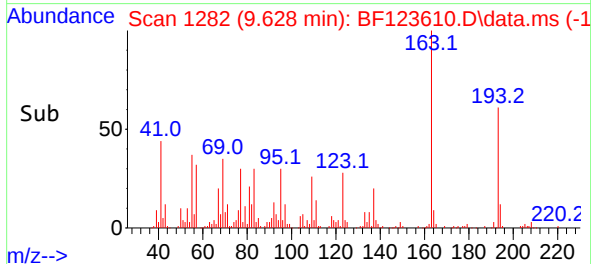
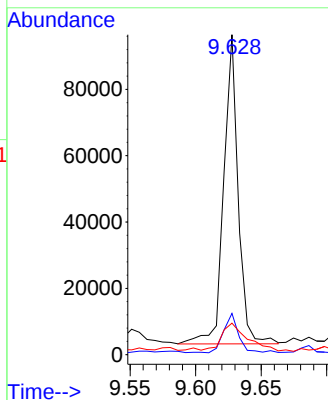
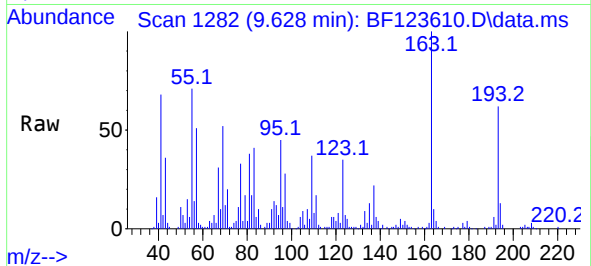
#50
Dimethylphthalate
Concen: 2.72 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:163 Resp: 71479
Ion Ratio Lower Upper
163 100
194 12.9 3.1 4.7#
164 9.9 8.2 12.2

Instrument :
BNA_F
ClientSampled :
FILL-A

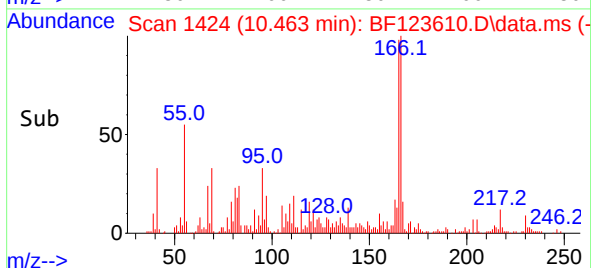
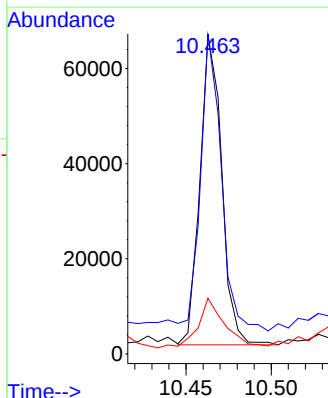
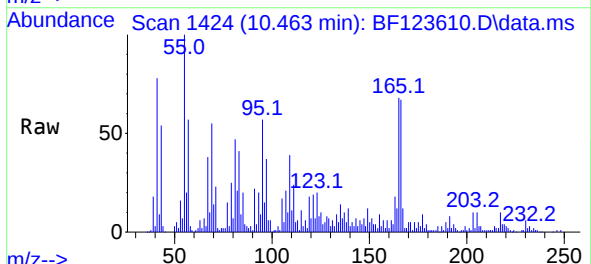
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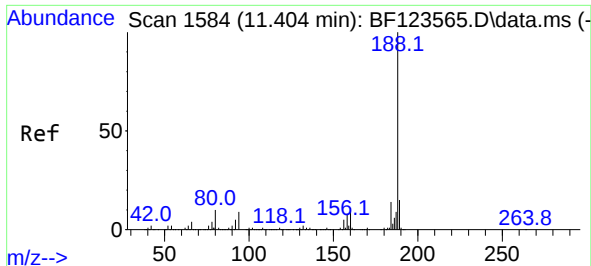
mohammad
4/19/2021 11:45:38 AM



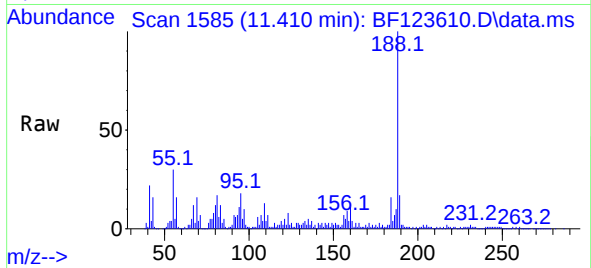
#58
Fluorene
Concen: 2.19 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:166 Resp: 58034
Ion Ratio Lower Upper
166 100
165 100.3 73.5 110.3
167 17.5 10.7 16.1#

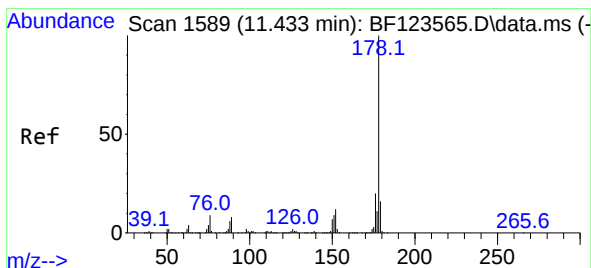
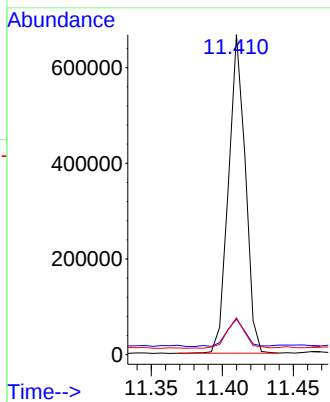
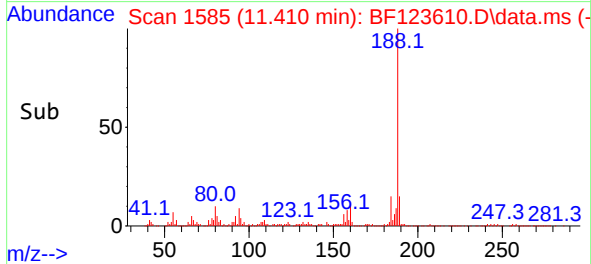




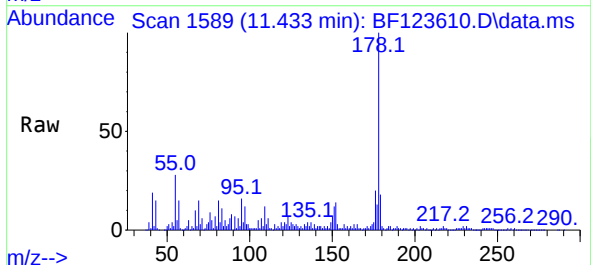
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



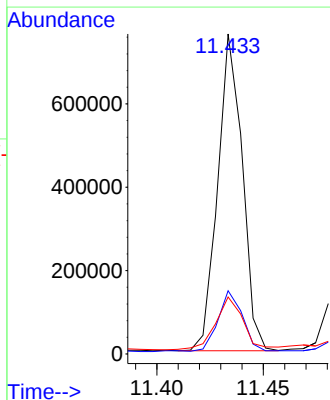
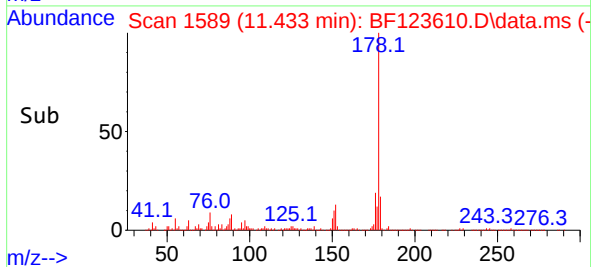
Tgt Ion:188 Resp: 548135
Ion Ratio Lower Upper
188 100
94 11.1 6.9 10.3#
80 11.6 8.2 12.2



#71
Phenanthrene
Concen: 21.32 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



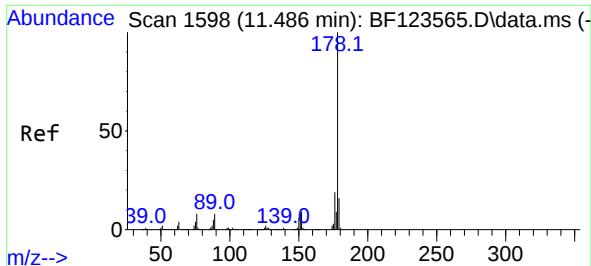
Tgt Ion:178 Resp: 609891
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 17.8 12.5 18.7



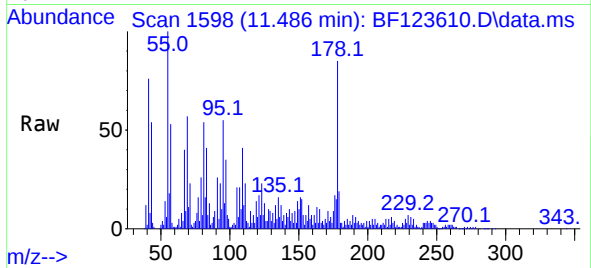
Instrument :
BNA_F
ClientSampleId :
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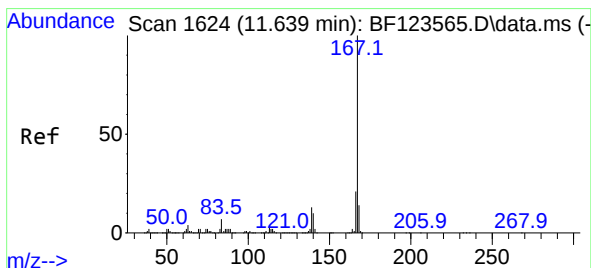
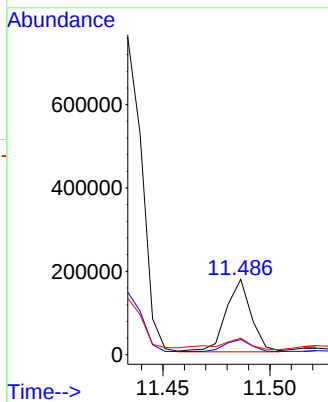
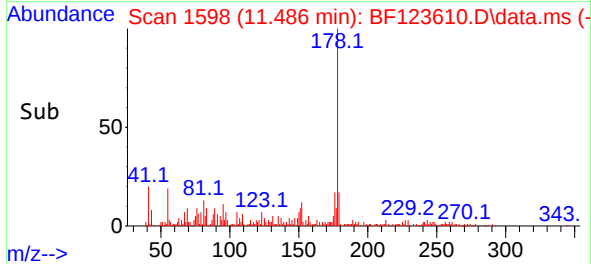
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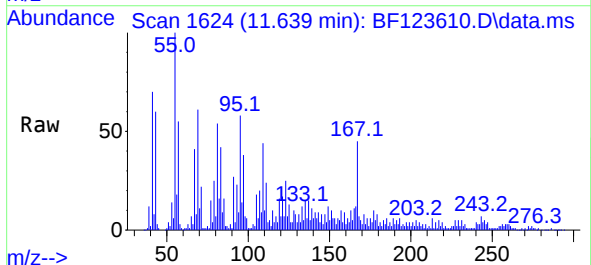
#72
 Anthracene
 Concen: 4.98 ng m
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF123610.D
 Acq: 17 Apr 2021 1:04



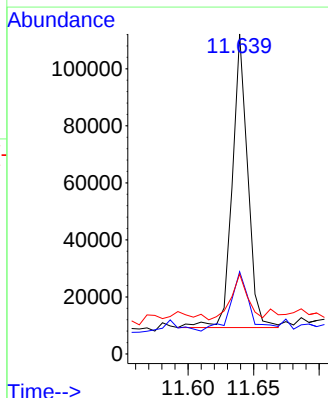
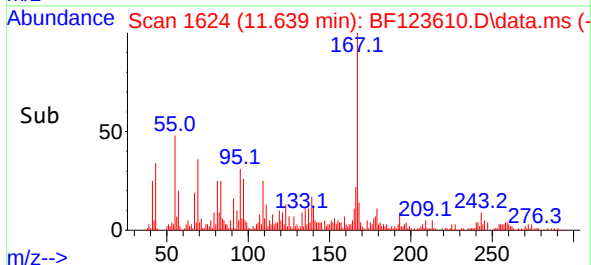
Tgt Ion:178 Resp: 142273
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.0
 179 21.9 12.6 18.8#



#73
 Carbazole
 Concen: 2.97 ng
 RT: 11.639 min Scan# 1624
 Delta R.T. 0.000 min
 Lab File: BF123610.D
 Acq: 17 Apr 2021 1:04



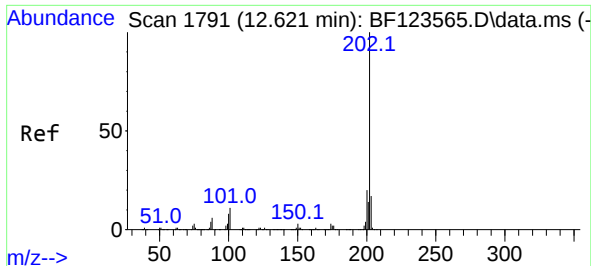
Tgt Ion:167 Resp: 84634
 Ion Ratio Lower Upper
 167 100
 166 25.7 17.0 25.6#
 139 25.0 10.4 15.6#



Instrument :
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 ClientSampled :
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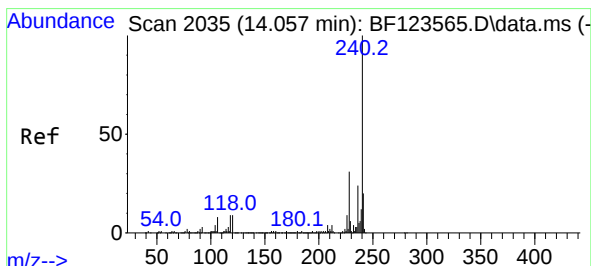
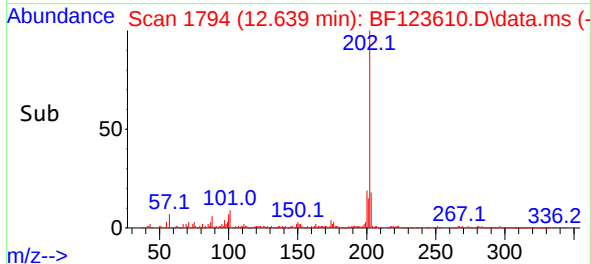
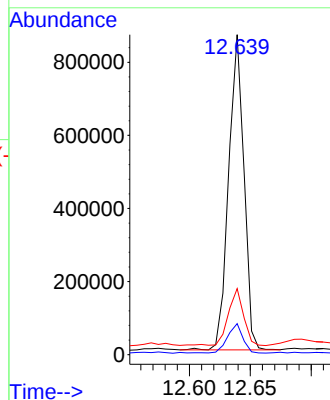
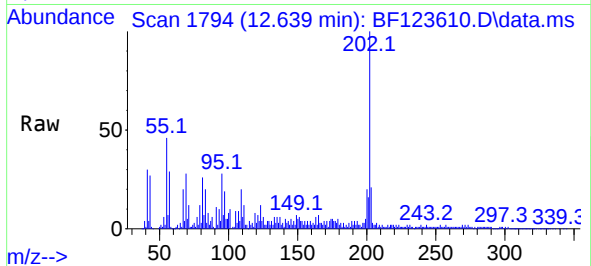
#75
Fluoranthene
Concen: 23.98 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.012 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:202 Resp: 753759
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.9
203 20.7 0.0 37.5

Instrument :
BNA_F
ClientSampleId :
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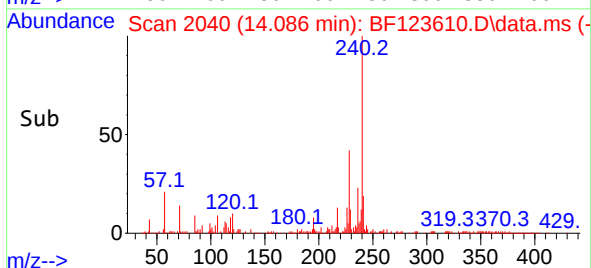
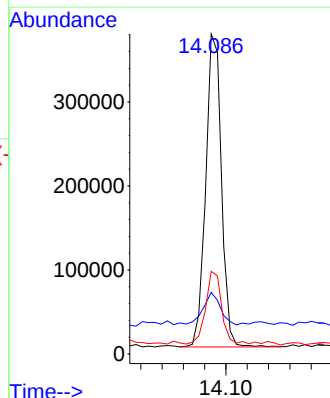
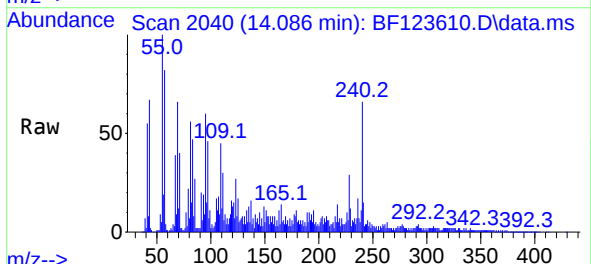
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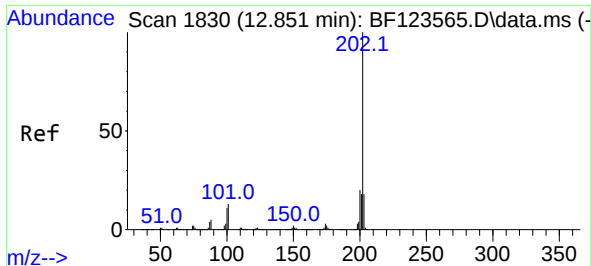
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.030 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:240 Resp: 382534
Ion Ratio Lower Upper
240 100
120 19.2 7.2 10.8#
236 25.8 19.0 28.4





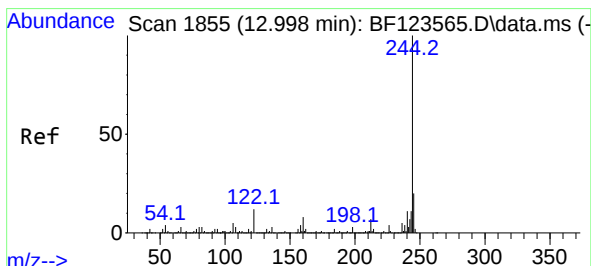
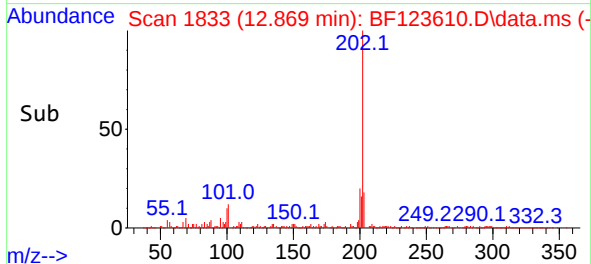
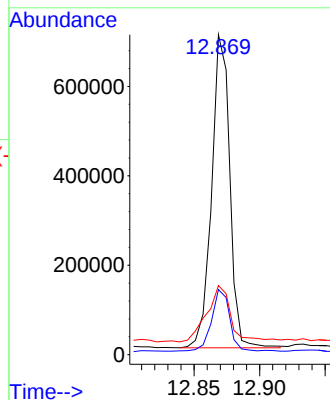
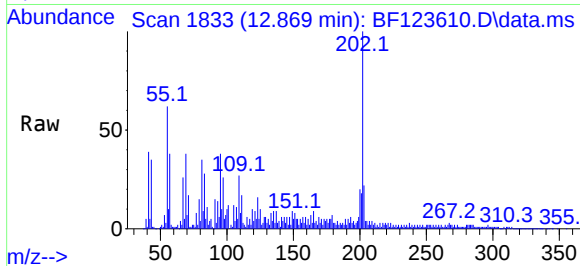
#78
Pyrene
Concen: 24.12 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.012 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:202 Resp: 673412
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 21.6 14.8 22.2

Instrument :
BNA_F
ClientSampleId :
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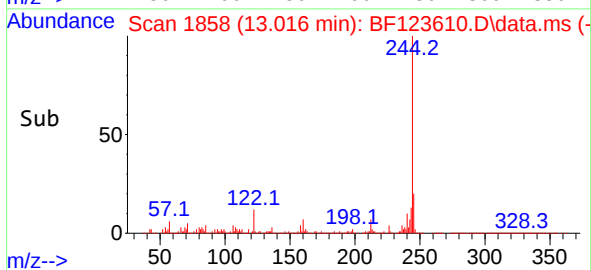
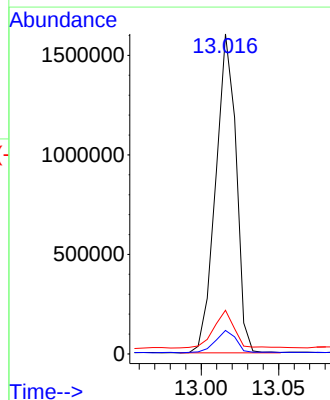
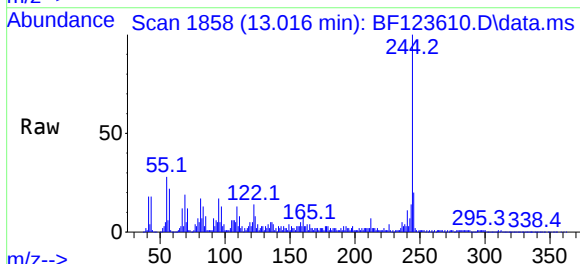
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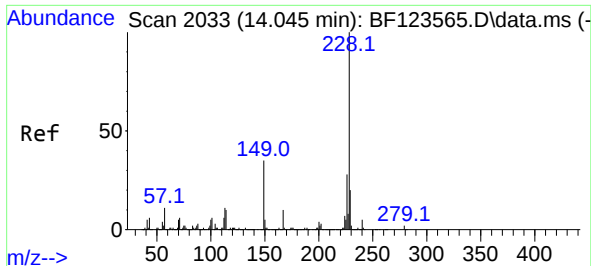
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#79
Terphenyl-d14
Concen: 74.70 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.018 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:244 Resp: 1470241
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 13.6 9.7 14.5





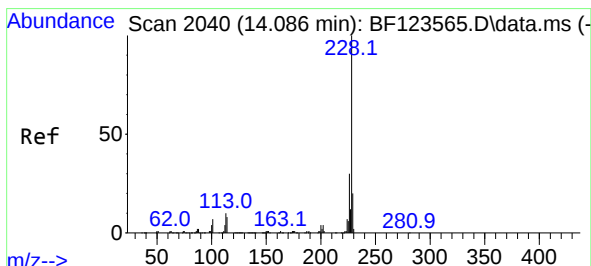
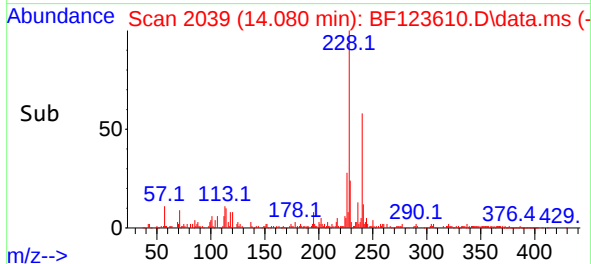
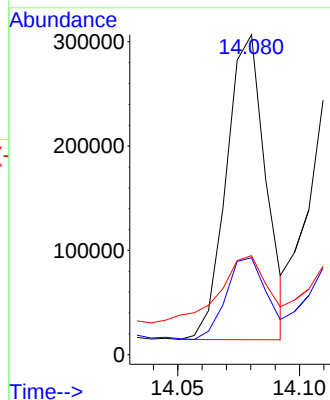
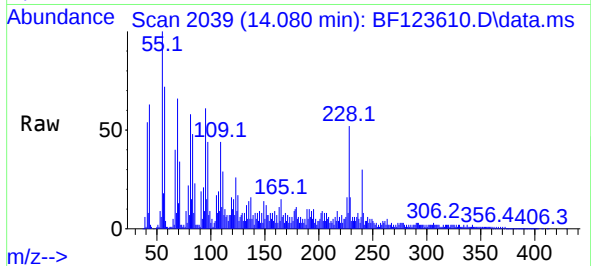
#81
Benzo(a)anthracene
Concen: 14.03 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.035 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:228 Resp: 328860
Ion Ratio Lower Upper
228 100
226 30.3 22.4 33.6
229 30.9 16.0 24.0#

Instrument :
BNA_F
ClientSampled :
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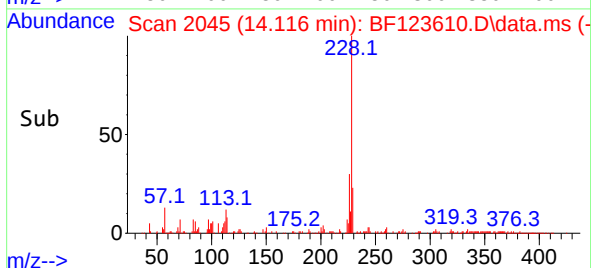
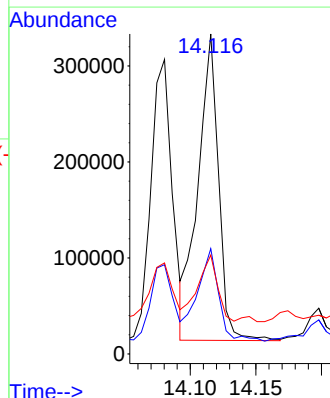
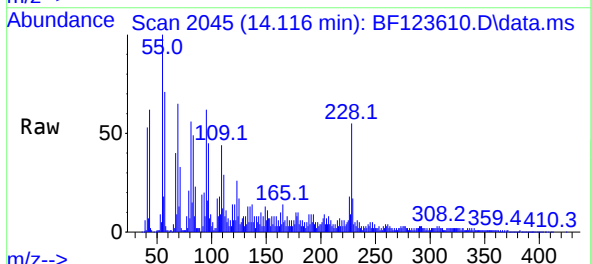
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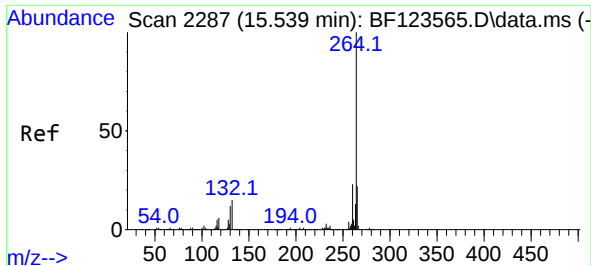
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#83
Chrysene
Concen: 14.87 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.030 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

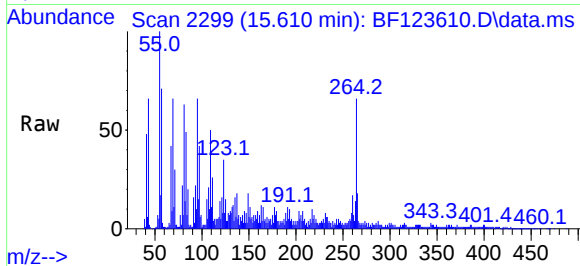
Tgt Ion:228 Resp: 350122
Ion Ratio Lower Upper
228 100
226 32.9 24.3 36.5
229 30.9 16.2 24.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.610 min Scan# 2299
Delta R.T. 0.071 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

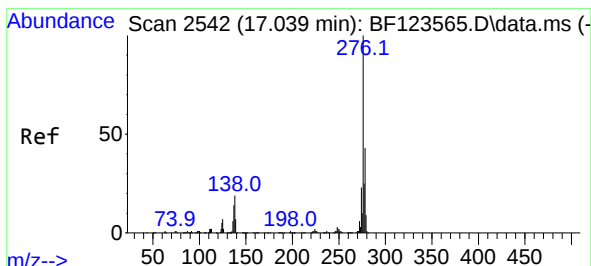
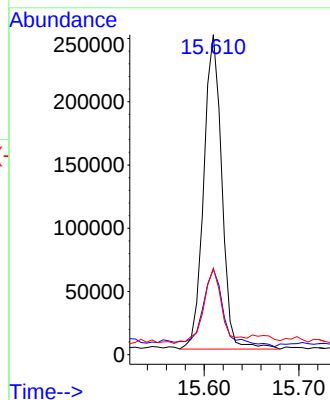
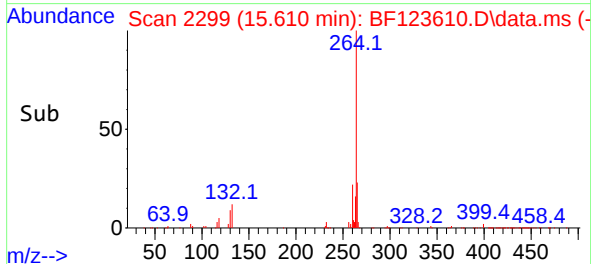
Instrument :
BNA_F
ClientSampleId :
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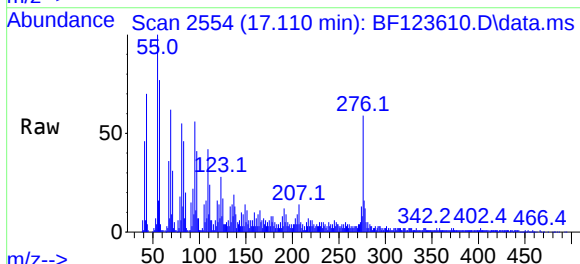
Tgt Ion:264 Resp: 330163
Ion Ratio Lower Upper
264 100
260 26.7 18.7 28.1
265 27.0 17.8 26.8#

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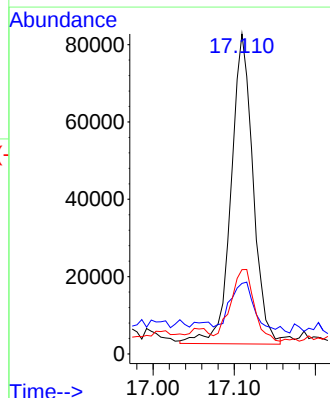
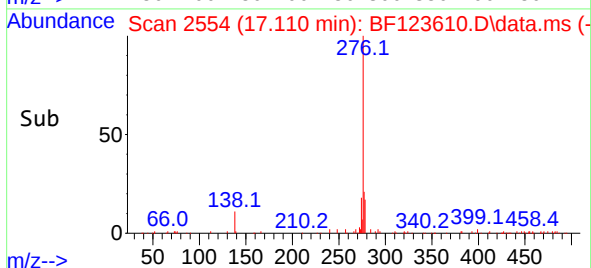
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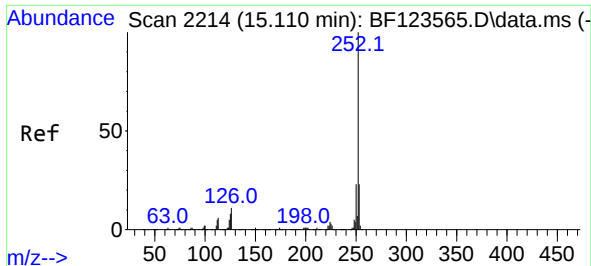


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.53 ng
RT: 17.110 min Scan# 2554
Delta R.T. 0.071 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



Tgt Ion:276 Resp: 150234
Ion Ratio Lower Upper
276 100
138 19.2 16.2 24.2
277 24.7 20.1 30.1





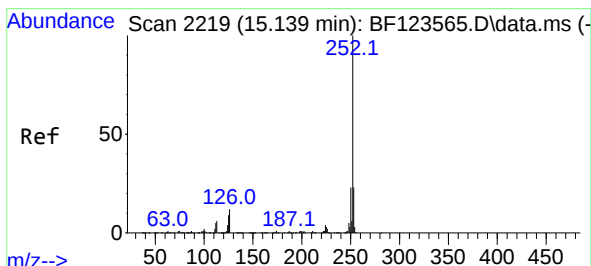
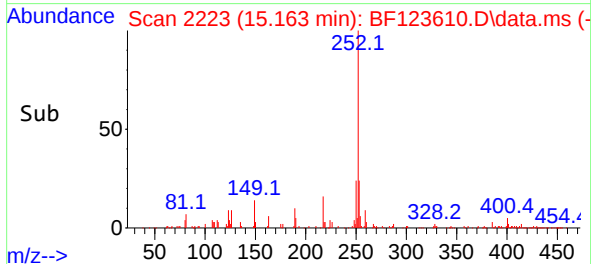
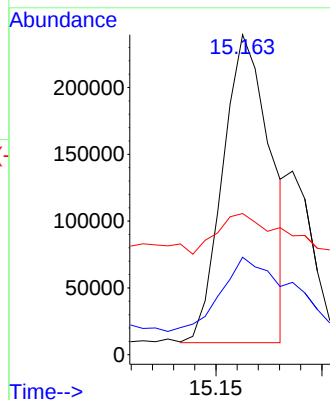
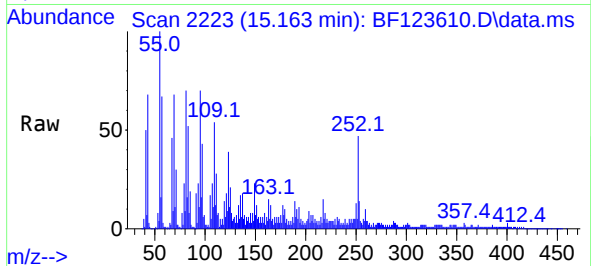
#88
Benzo(b)fluoranthene
Concen: 15.44 ng m
RT: 15.163 min Scan# 2223
Delta R.T. 0.053 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:252 Resp: 360025
Ion Ratio Lower Upper
252 100
253 30.5 18.1 27.1#
125 44.1 6.2 9.4#

Instrument :
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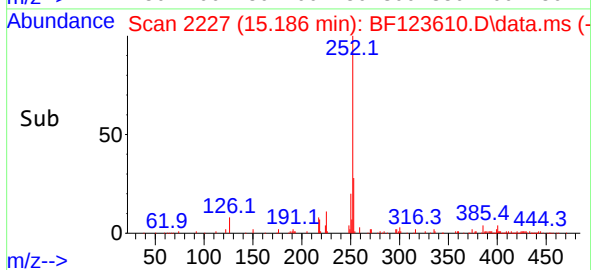
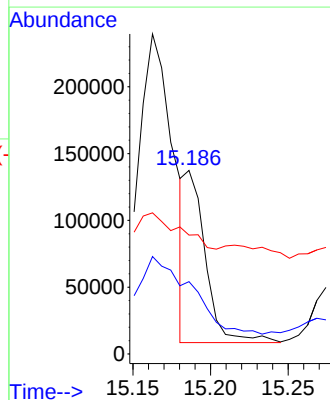
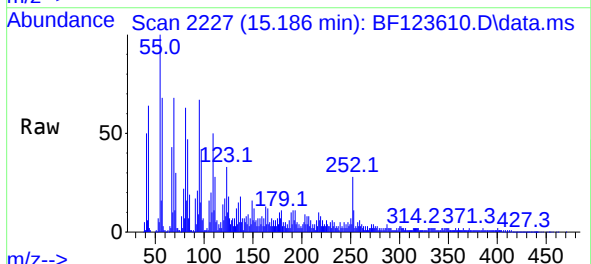
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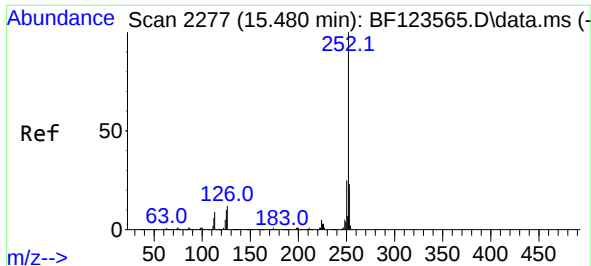
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#89
Benzo(k)fluoranthene
Concen: 4.23 ng m
RT: 15.186 min Scan# 2227
Delta R.T. 0.047 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:252 Resp: 118301
Ion Ratio Lower Upper
252 100
253 39.4 17.9 26.9#
125 64.8 7.0 10.6#





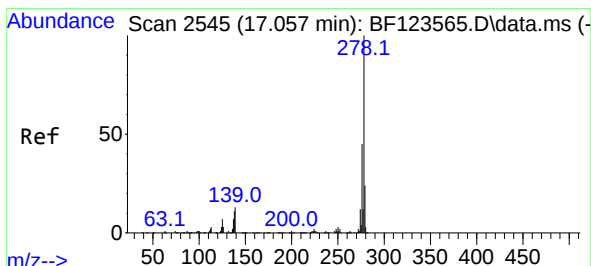
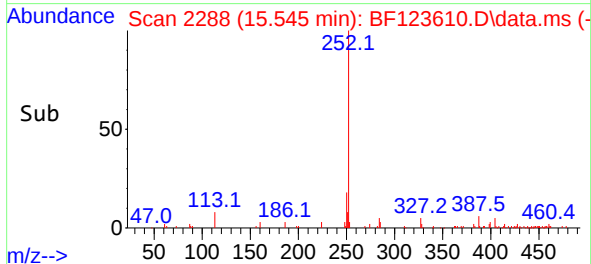
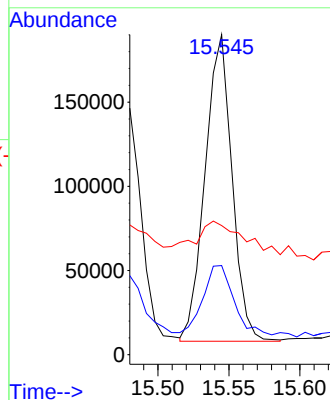
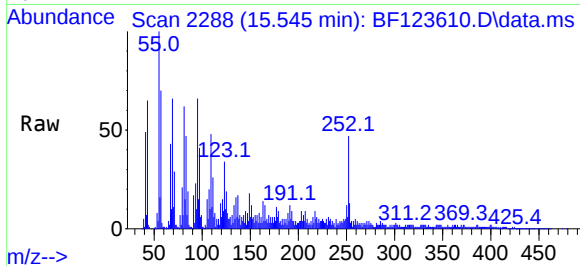
#90
Benzo(a)pyrene
Concen: 12.96 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.065 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:252 Resp: 240306
Ion Ratio Lower Upper
252 100
253 27.8 18.4 27.6#
125 40.4 8.0 12.0#

Instrument :
BNA_F
ClientSampleId :
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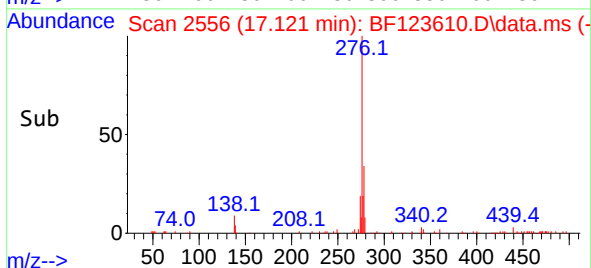
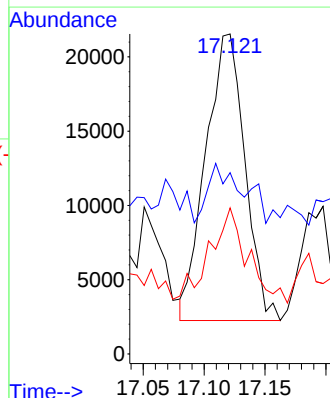
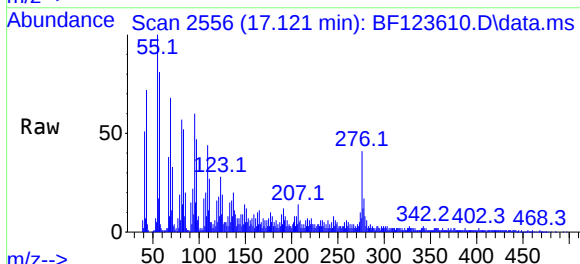
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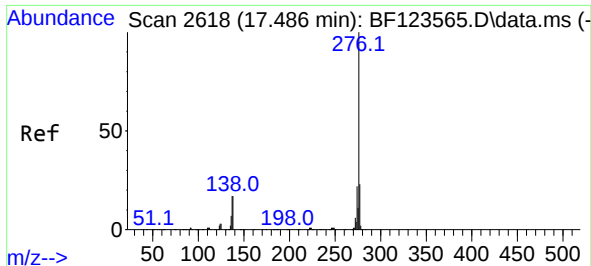
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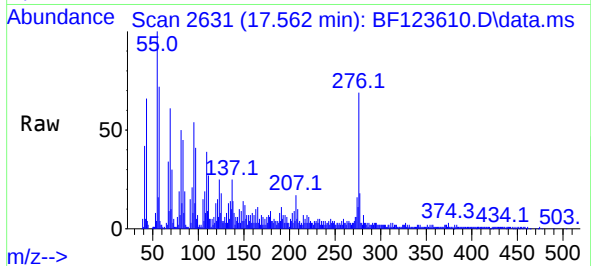
#91
Dibenzo(a,h)anthracene
Concen: 2.90 ng
RT: 17.121 min Scan# 2556
Delta R.T. 0.065 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04

Tgt Ion:278 Resp: 43235
Ion Ratio Lower Upper
278 100
139 56.7 10.2 15.2#
279 45.6 19.4 29.0#

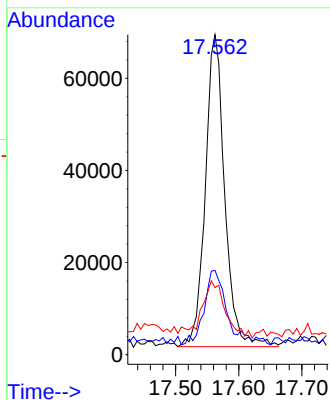
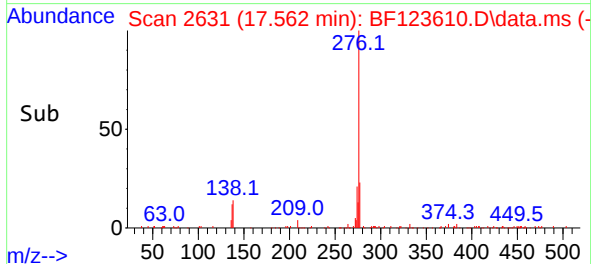




#92
Benzo(g,h,i)perylene
Concen: 11.95 ng
RT: 17.562 min Scan# 2631
Delta R.T. 0.077 min
Lab File: BF123610.D
Acq: 17 Apr 2021 1:04



Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.2	27.2
138	21.0	13.8	20.6



Instrument :
BNA_F
ClientSampleId :
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