

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123605.D
 Acq On : 16 Apr 2021 22:22
 Operator : JU/CG
 Sample : M2040-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-B

Manual Integrations
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mohammad
 4/19/2021 11:45:28 AM

Quant Time: Apr 17 01:26:24 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	246028	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	948922	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	416701	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	603879	20.00	ng	0.00
76) Chrysene-d12	14.074	240	392046	20.00	ng	# 0.02
86) Perylene-d12	15.592	264	361947	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1870747	122.90	ng	0.02
7) Phenol-d6	6.510	99	2439209	115.64	ng	0.01
23) Nitrobenzene-d5	7.434	82	1756036	85.07	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	517451	109.66	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2402489	85.95	ng	0.00
79) Terphenyl-d14	13.010	244	1445402	71.66	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.522	94	47126	2.10	ng	95
50) Dimethylphthalate	9.628	163	88982	3.09	ng	# 95
71) Phenanthrene	11.433	178	284184	9.02	ng	96
72) Anthracene	11.480	178	73758m	2.34	ng	
75) Fluoranthene	12.633	202	412823	11.92	ng	95
78) Pyrene	12.863	202	375347m	13.12	ng	
81) Benzo(a)anthracene	14.063	228	203500	8.47	ng	# 84
83) Chrysene	14.104	228	178878	7.41	ng	# 84
87) Indeno(1,2,3-cd)pyrene	17.092	276	107527	5.57	ng	98
88) Benzo(b)fluoranthene	15.145	252	224506m	8.79	ng	
90) Benzo(a)pyrene	15.521	252	162096	7.97	ng	# 65
92) Benzo(g,h,i)perylene	17.539	276	105144	7.79	ng	# 92

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

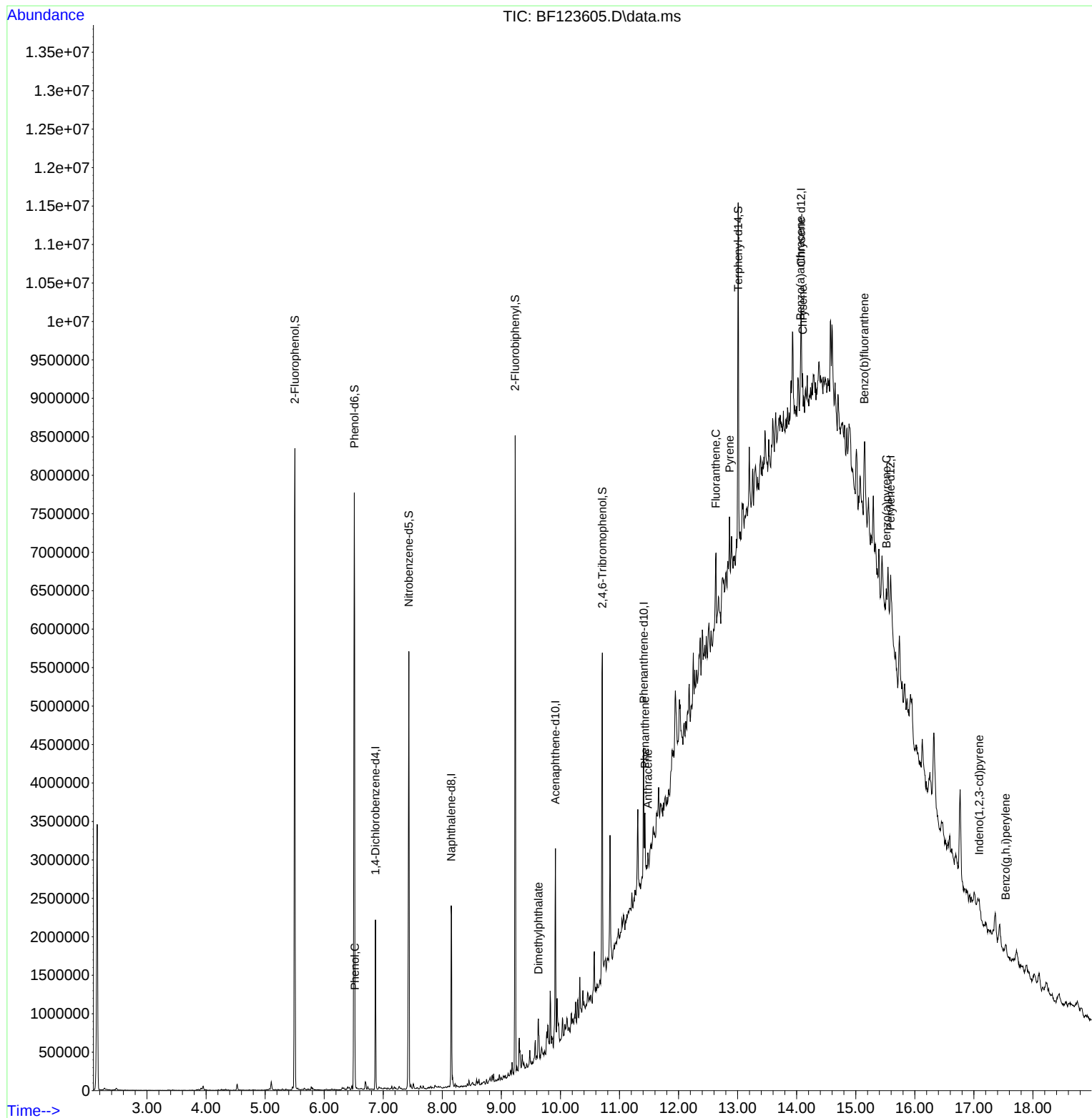
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Data File : BF123605.D
Acq On : 16 Apr 2021 22:22
Operator : JU/CG
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Misc :
ALS Vial : 13 Sample Multiplier: 1

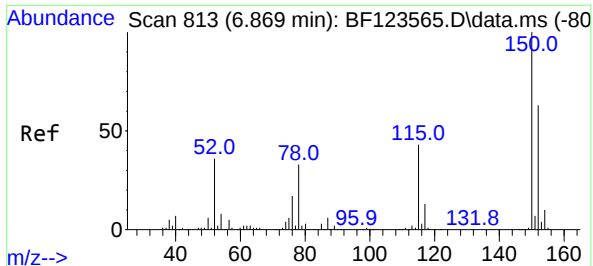
Instrument :
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ClientSampleId :
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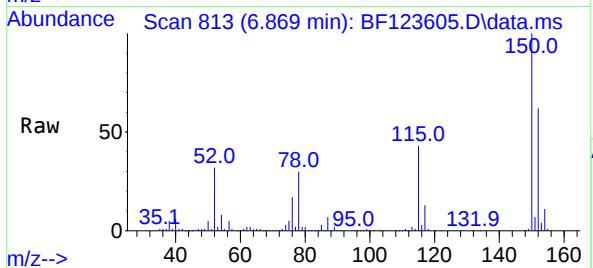
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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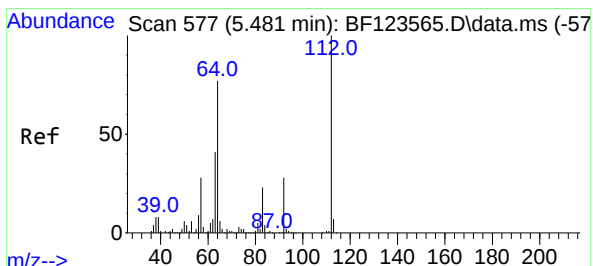
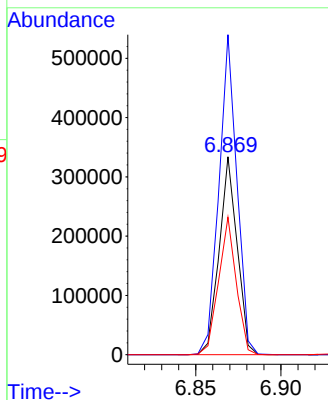
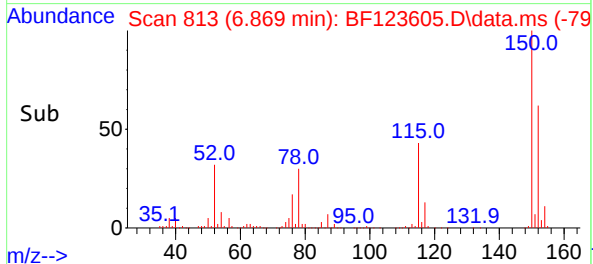




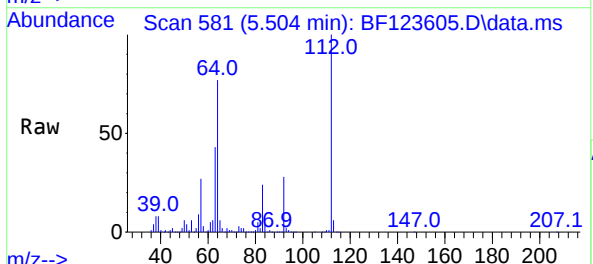
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22



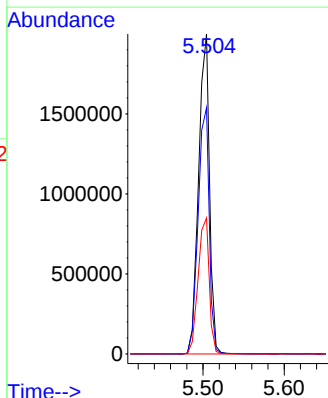
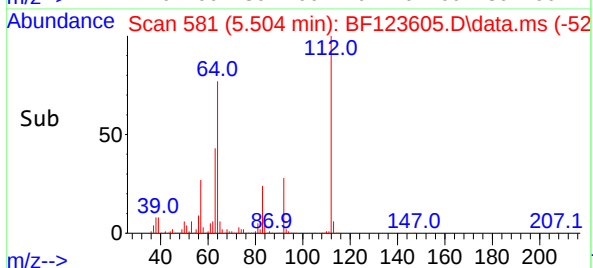
Tgt Ion:152 Resp: 246028
Ion Ratio Lower Upper
152 100
150 161.7 127.0 190.6
115 69.5 54.3 81.5



#5
2-Fluorophenol
Concen: 122.90 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22



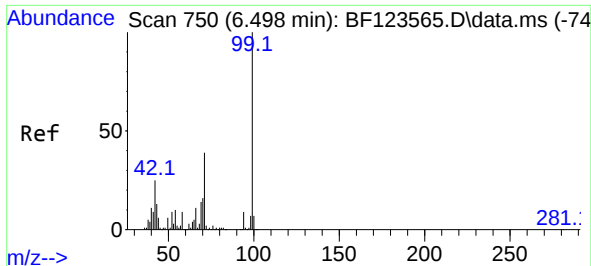
Tgt Ion:112 Resp: 1870747
Ion Ratio Lower Upper
112 100
64 76.9 61.4 92.0
63 42.5 33.0 49.4



Instrument :
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#7
Phenol-d6
Concen: 115.64 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

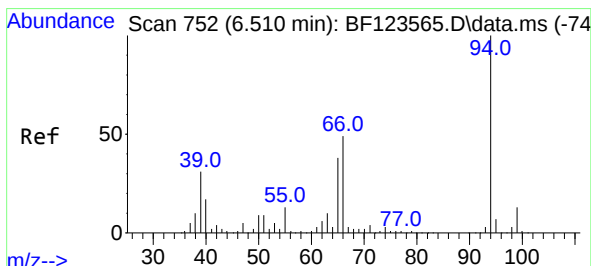
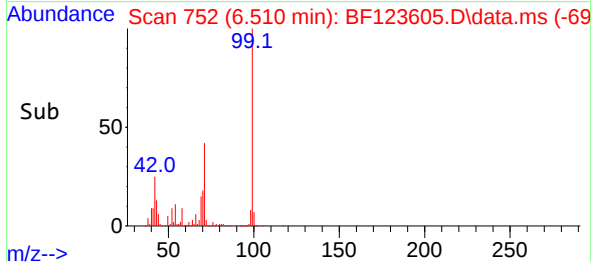
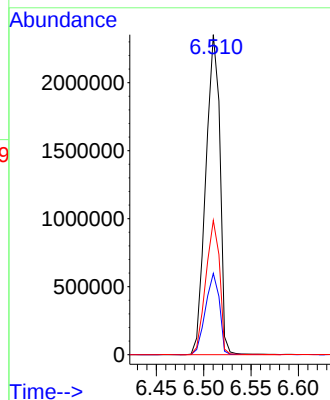
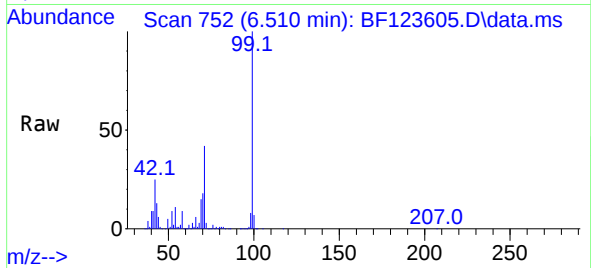
Tgt Ion: 99 Resp: 2439209

Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.8	29.8
71	41.9	31.1	46.7

Instrument :
BNA_F
ClientSampled :
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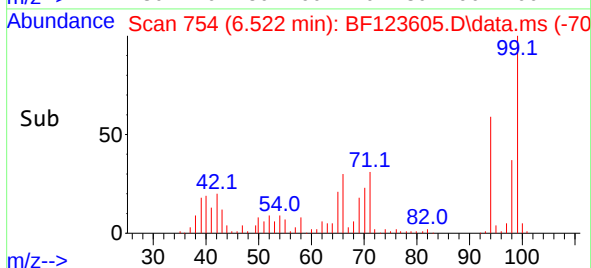
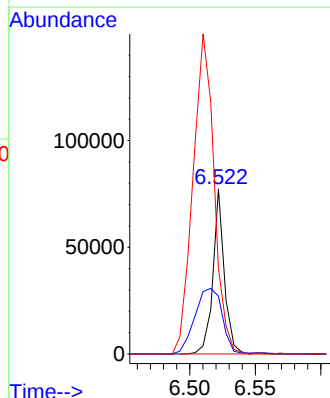
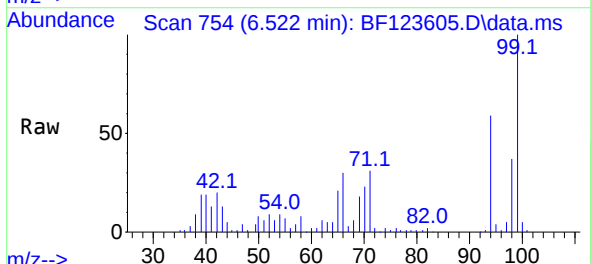
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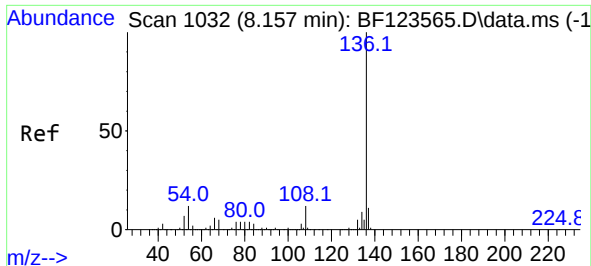


#10
Phenol
Concen: 2.10 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion: 94 Resp: 47126

Ion	Ratio	Lower	Upper
94	100		
65	35.0	18.1	58.1
66	51.8	29.0	69.0





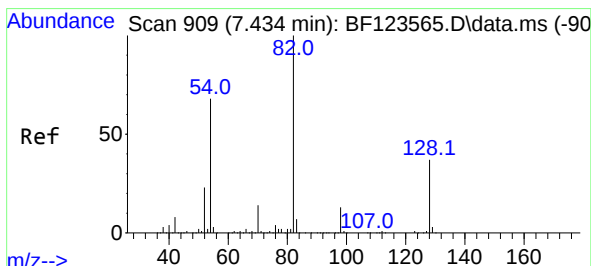
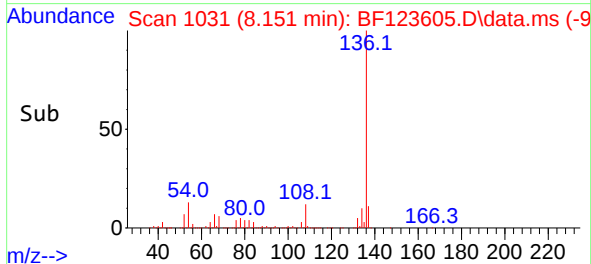
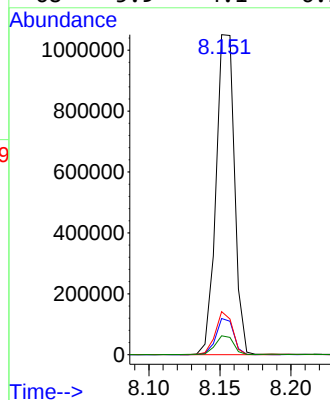
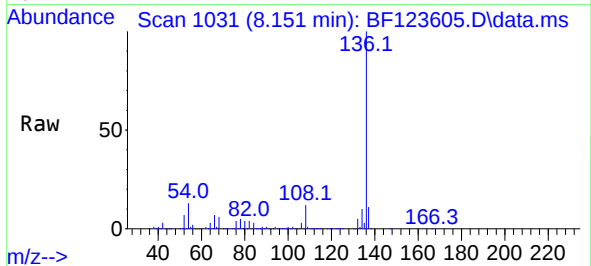
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:	136	Resp:	948922
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	13.5	9.8	14.6
68	5.9	4.1	6.1

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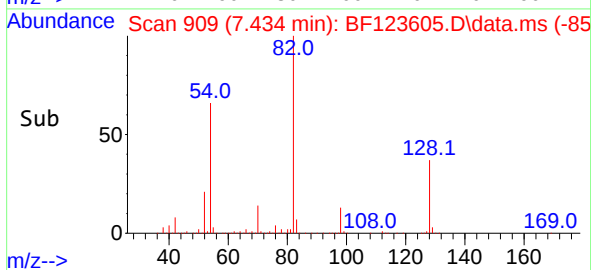
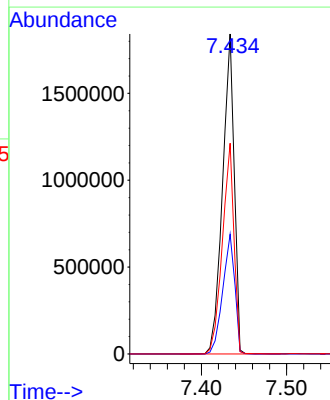
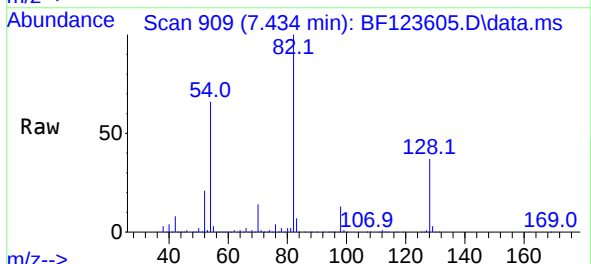
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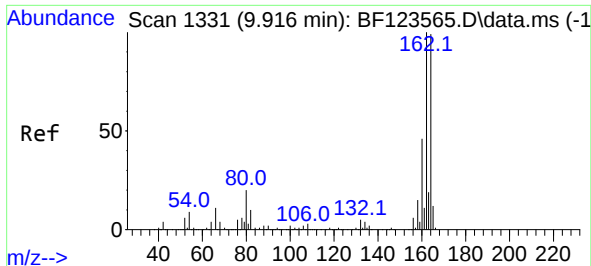
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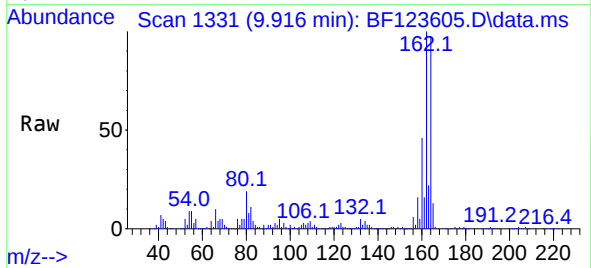
#23
Nitrobenzene-d5
Concen: 85.07 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:	82	Resp:	1756036
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.4	44.2
54	65.8	54.1	81.1

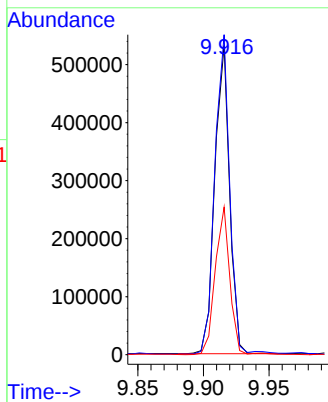
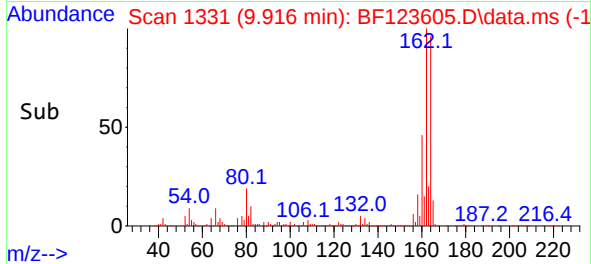




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22



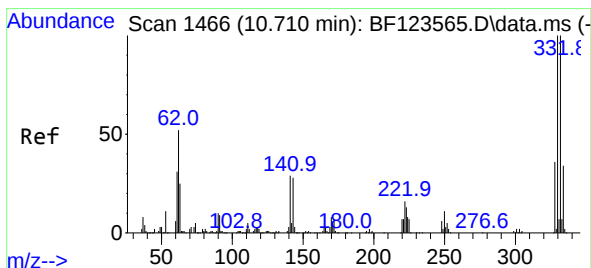
Tgt Ion:164 Resp: 416701
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 47.7 37.3 55.9



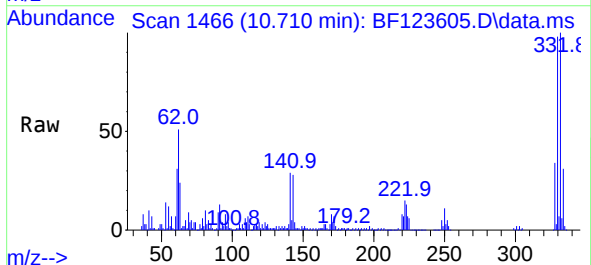
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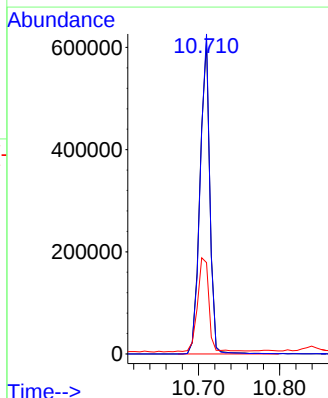
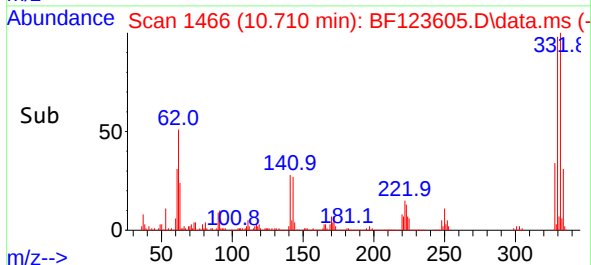
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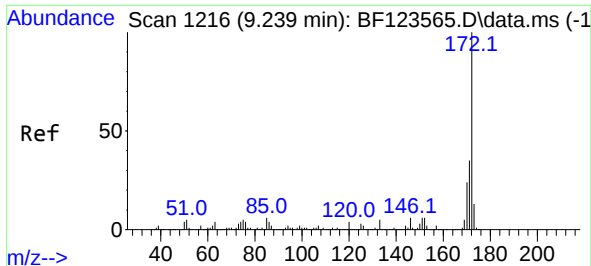


#42
2,4,6-Tribromophenol
Concen: 109.66 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

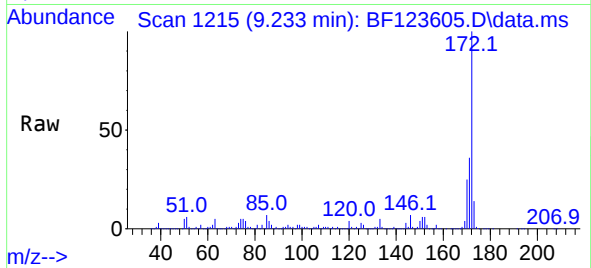


Tgt Ion:330 Resp: 517451
Ion Ratio Lower Upper
330 100
332 99.9 77.1 115.7
141 34.8 27.9 41.9

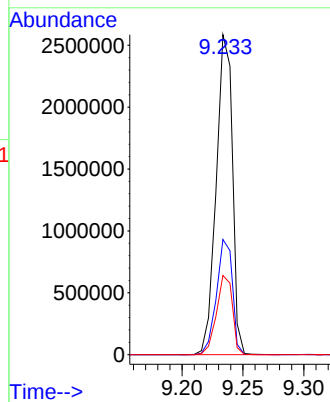
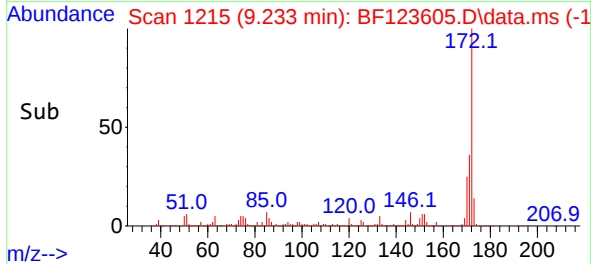




#45
2-Fluorobiphenyl
Concen: 85.95 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22



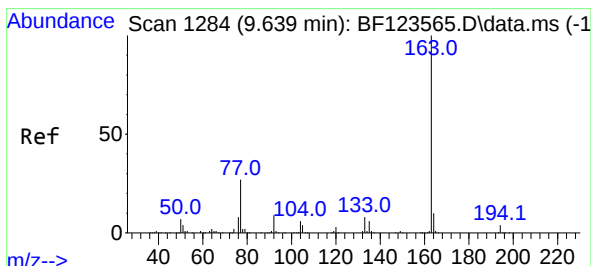
Tgt Ion:172 Resp: 2402489
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.8 19.2 28.8



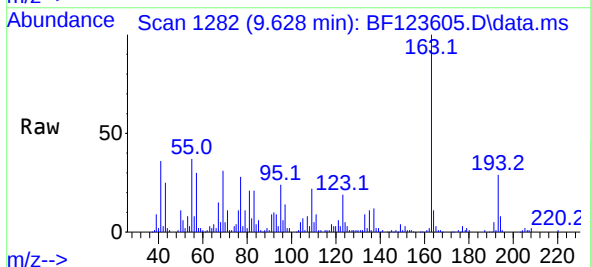
Instrument :
BNA_F
ClientSampled :
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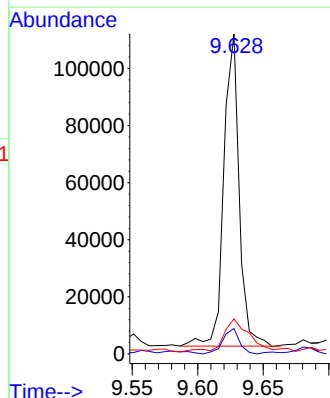
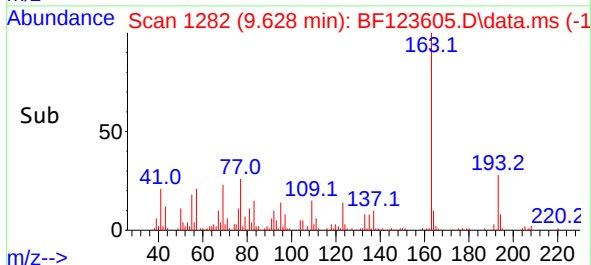
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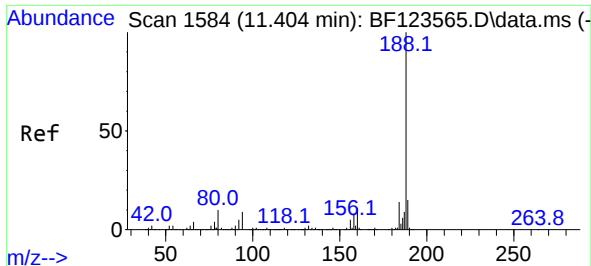


#50
Dimethylphthalate
Concen: 3.09 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

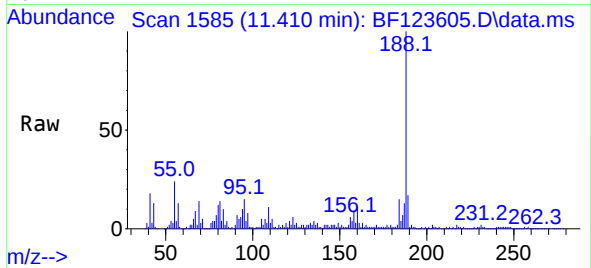


Tgt Ion:163 Resp: 88982
Ion Ratio Lower Upper
163 100
194 7.9 3.1 4.7#
164 11.0 8.2 12.2

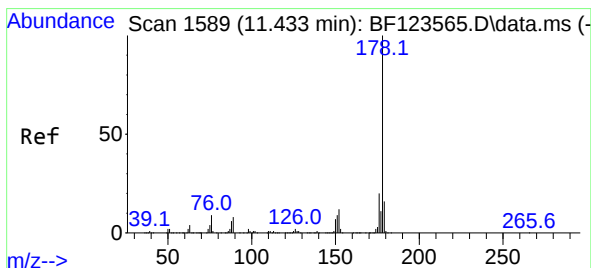
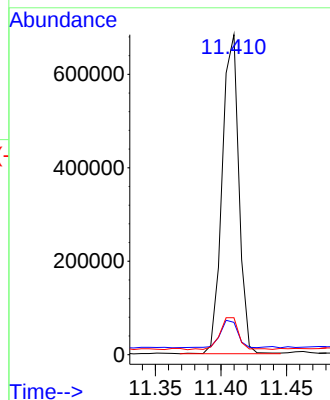
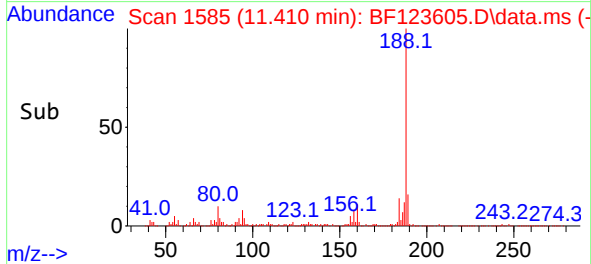




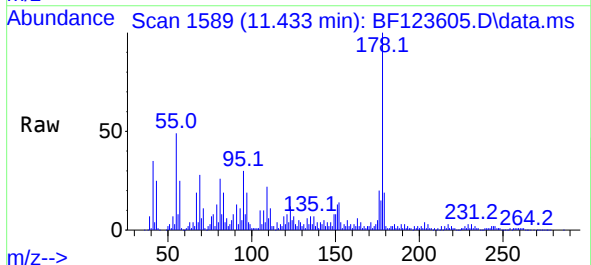
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22



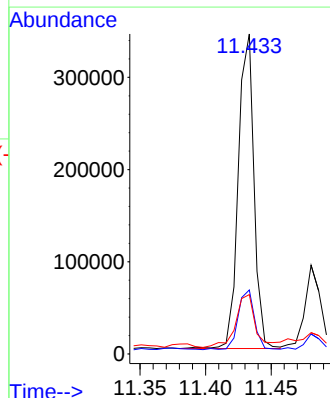
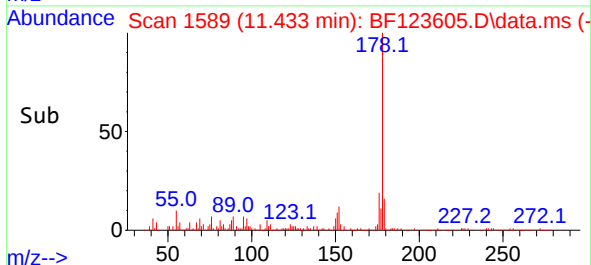
Tgt Ion:188 Resp: 603879
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.5 8.2 12.2



#71
Phenanthrene
Concen: 9.02 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22



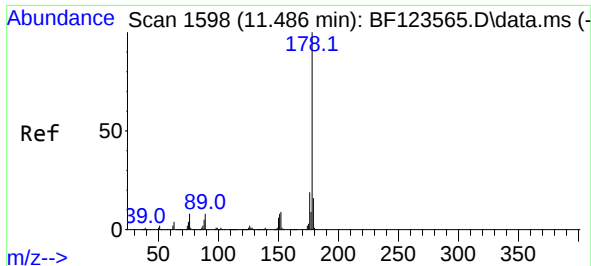
Tgt Ion:178 Resp: 284184
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 18.5 12.5 18.7



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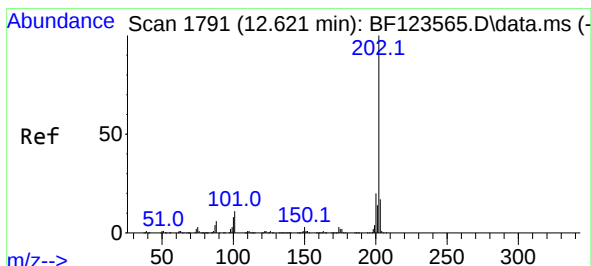
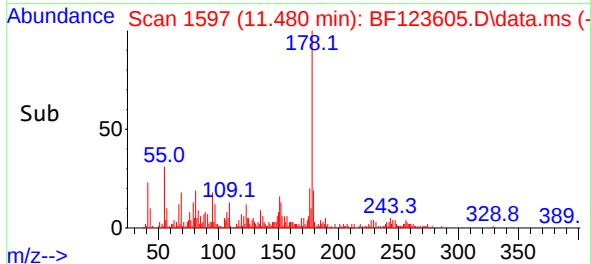
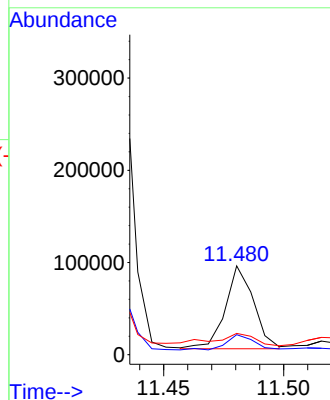
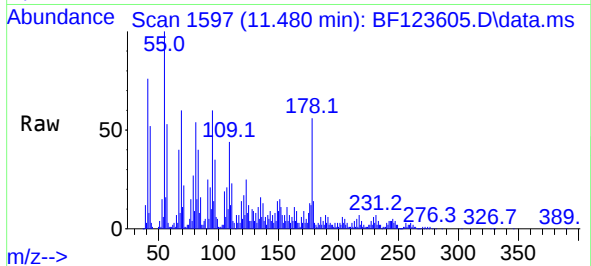
#72
 Anthracene
 Concen: 2.34 ng m
 RT: 11.480 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF123605.D
 Acq: 16 Apr 2021 22:22

Tgt Ion:178 Resp: 73758
 Ion Ratio Lower Upper
 178 100
 176 22.5 15.4 23.0
 179 24.1 12.6 18.8#

Instrument :
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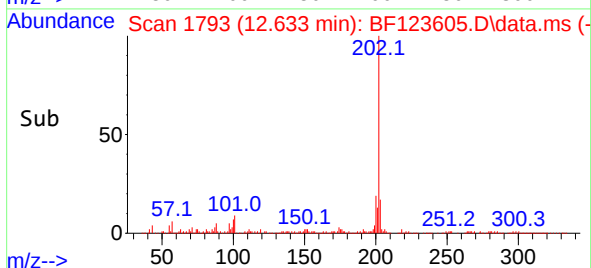
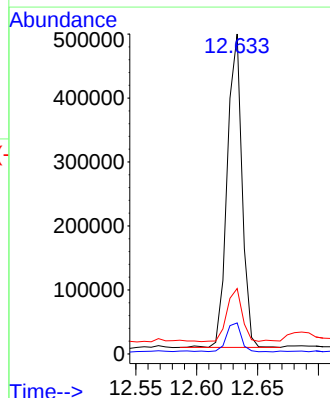
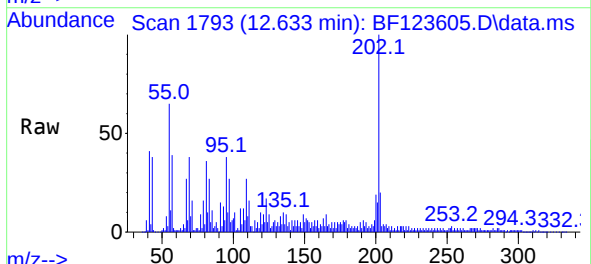
Manual Integrations
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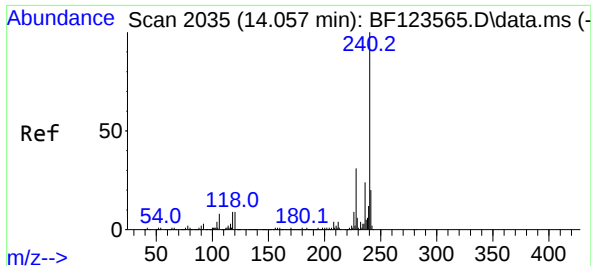
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#75
 Fluoranthene
 Concen: 11.92 ng
 RT: 12.633 min Scan# 1793
 Delta R.T. 0.006 min
 Lab File: BF123605.D
 Acq: 16 Apr 2021 22:22

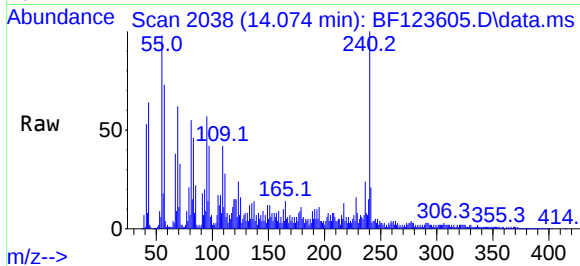
Tgt Ion:202 Resp: 412823
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 30.9
 203 20.5 0.0 37.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.018 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

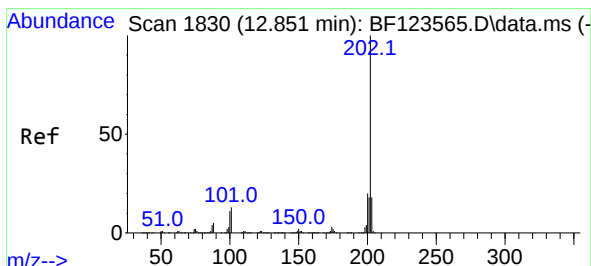
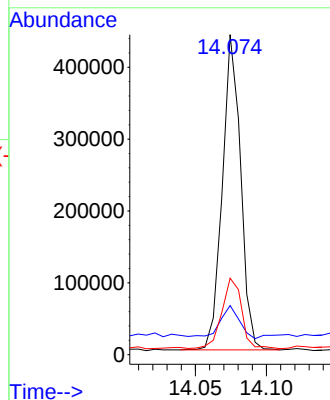
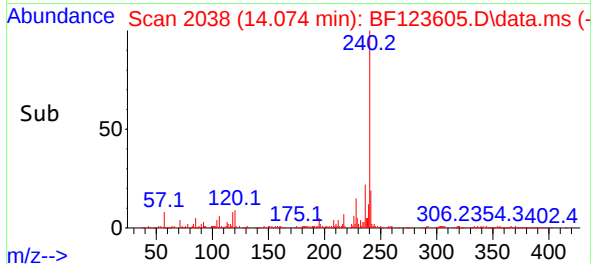
Instrument :
BNA_F
ClientSampled :
FILL-B



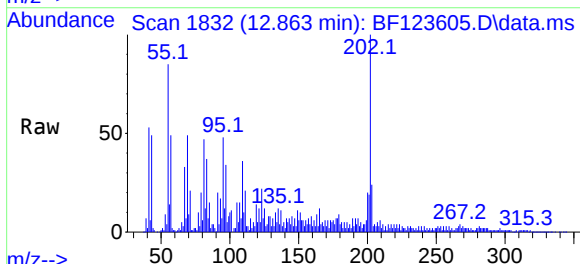
Tgt Ion:240 Resp: 392046
Ion Ratio Lower Upper
240 100
120 15.4 7.2 10.8#
236 23.9 19.0 28.4

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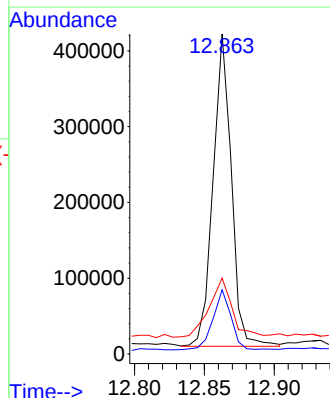
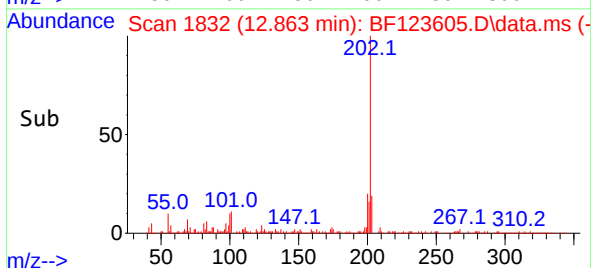
mohammad
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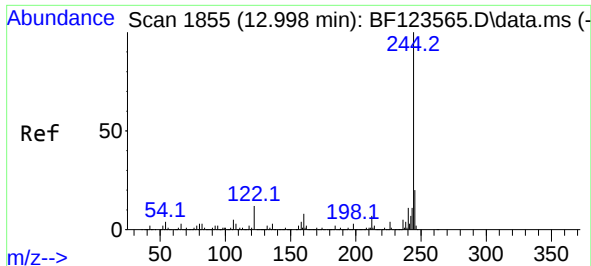


#78
Pyrene
Concen: 13.12 ng m
RT: 12.863 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22



Tgt Ion:202 Resp: 375347
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 23.7 14.8 22.2#





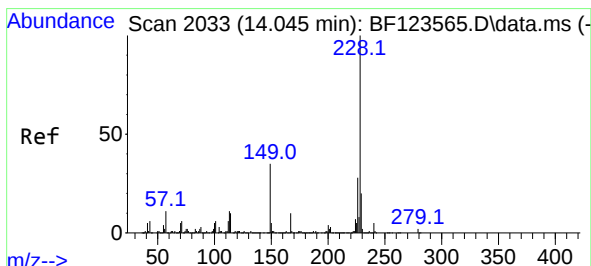
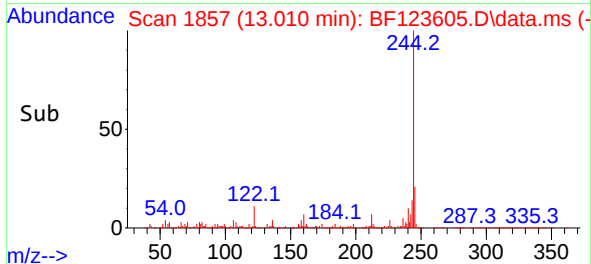
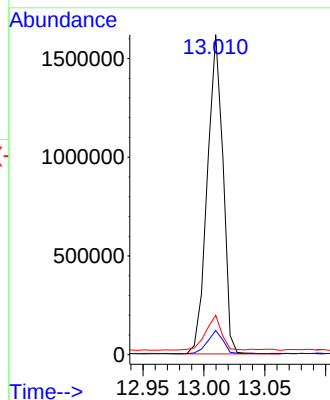
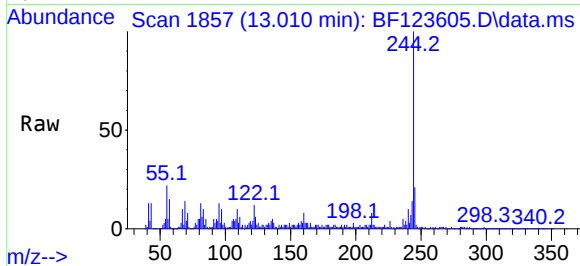
#79
Terphenyl-d14
Concen: 71.66 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.012 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:244 Resp: 1445402
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.3 9.7 14.5

Instrument :
BNA_F
ClientSampled :
FILL-B

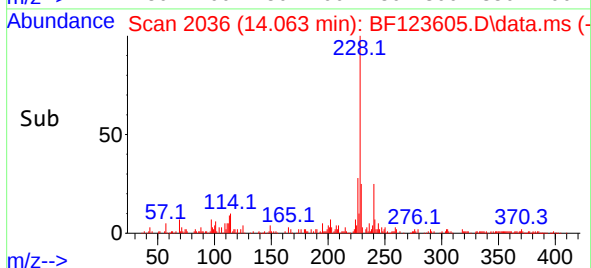
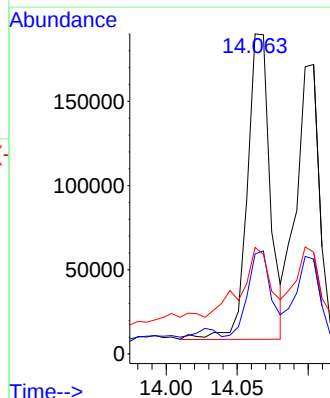
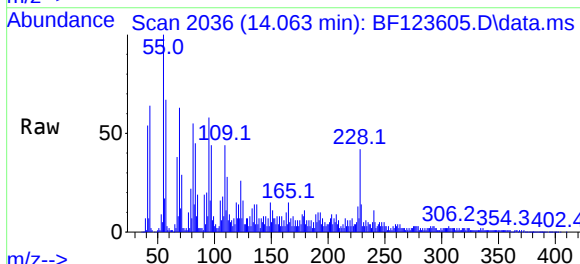
Manual Integrations
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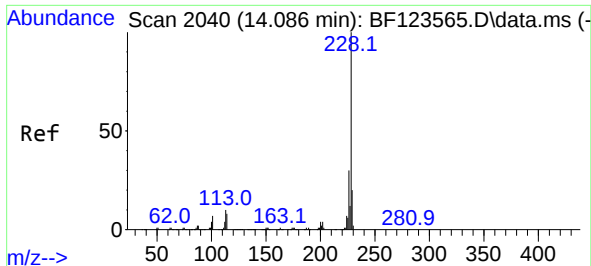
mohammad
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#81
Benzo(a)anthracene
Concen: 8.47 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:228 Resp: 203500
Ion Ratio Lower Upper
228 100
226 31.2 22.4 33.6
229 33.3 16.0 24.0#





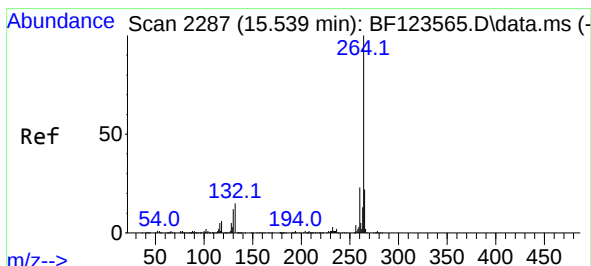
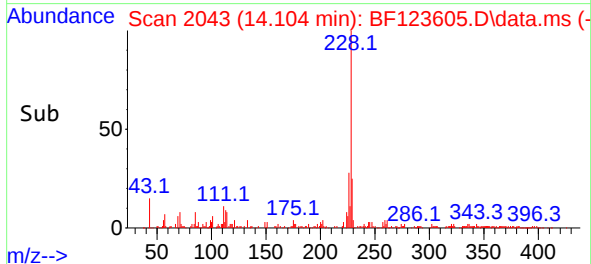
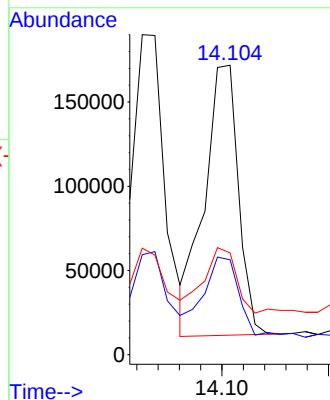
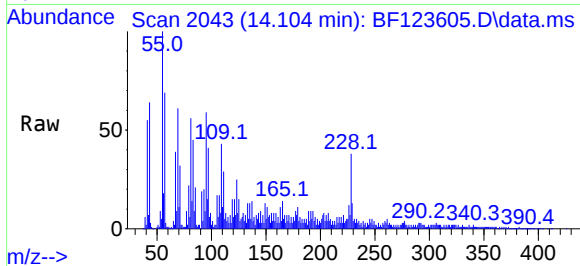
#83
Chrysene
Concen: 7.41 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.018 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion: 228 Resp: 178878
Ion Ratio Lower Upper
228 100
226 32.8 24.3 36.5
229 35.2 16.2 24.2#

Instrument :
BNA_F
ClientSampled :
FILL-B

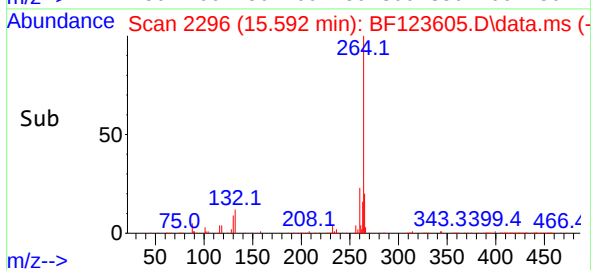
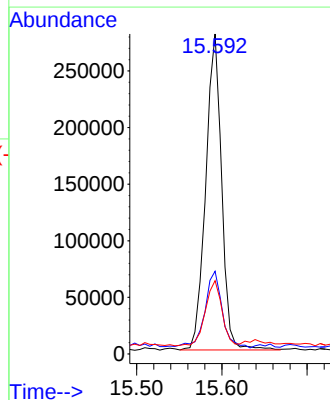
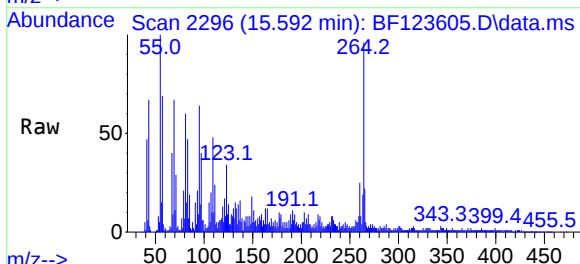
Manual Integrations
APPROVED

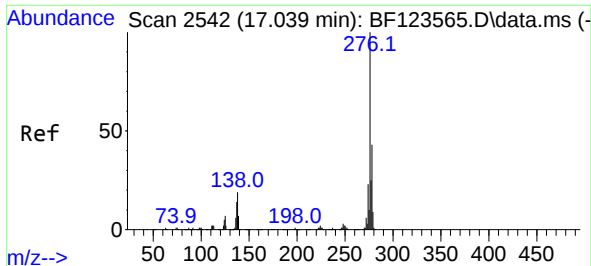
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.053 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

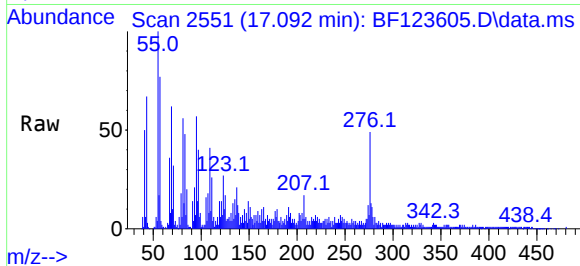
Tgt Ion: 264 Resp: 361947
Ion Ratio Lower Upper
264 100
260 25.9 18.7 28.1
265 22.9 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.57 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.053 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

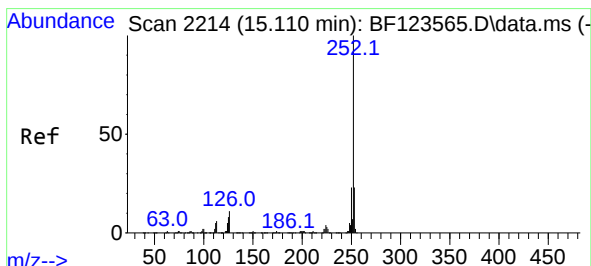
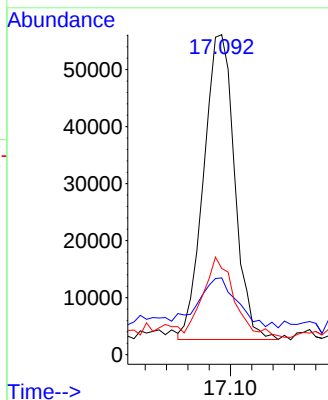
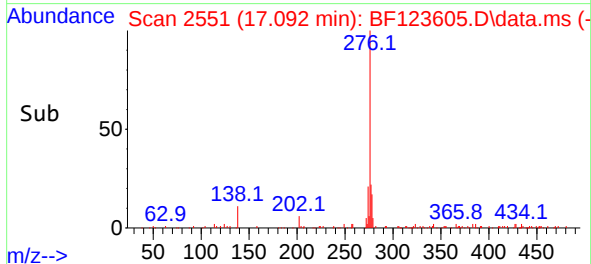
Instrument :
BNA_F
ClientSampled :
FILL-B



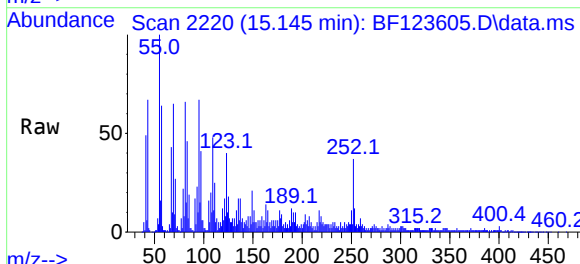
Tgt Ion:276 Resp: 107527
Ion Ratio Lower Upper
276 100
138 20.9 16.2 24.2
277 26.7 20.1 30.1

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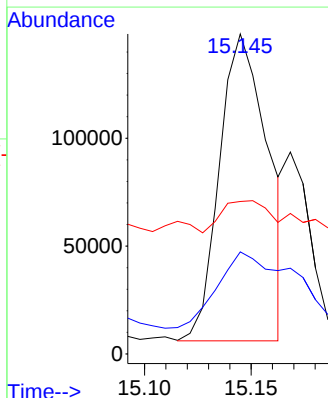
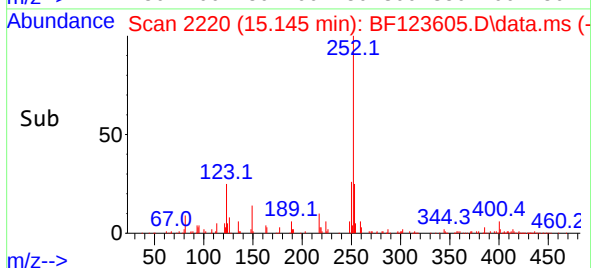
mohammad
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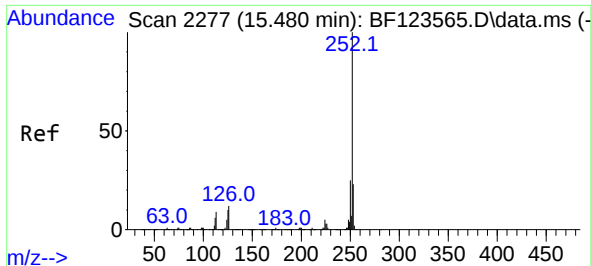


#88
Benzo(b)fluoranthene
Concen: 8.79 ng m
RT: 15.145 min Scan# 2220
Delta R.T. 0.035 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22



Tgt Ion:252 Resp: 224506
Ion Ratio Lower Upper
252 100
253 31.9 18.1 27.1#
125 47.7 6.2 9.4#





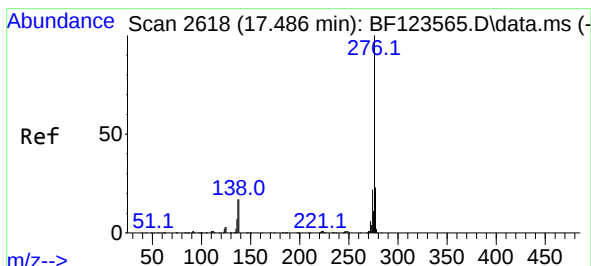
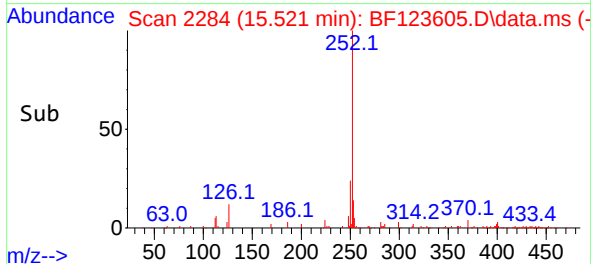
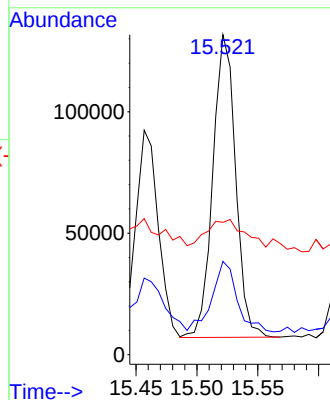
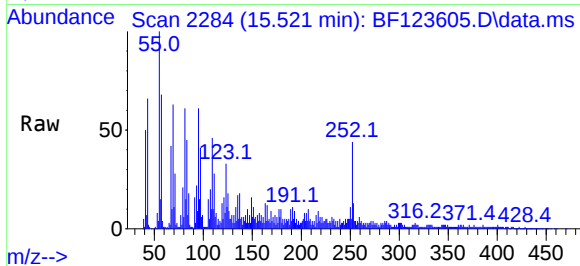
#90
Benzo(a)pyrene
Concen: 7.97 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.041 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:252 Resp: 162096
Ion Ratio Lower Upper
252 100
253 29.2 18.4 27.6#
125 41.4 8.0 12.0#

Instrument :
BNA_F
ClientSampled :
FILL-B

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.79 ng
RT: 17.539 min Scan# 2627
Delta R.T. 0.053 min
Lab File: BF123605.D
Acq: 16 Apr 2021 22:22

Tgt Ion:276 Resp: 105144
Ion Ratio Lower Upper
276 100
277 27.5 18.2 27.2#
138 19.7 13.8 20.6

