

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123601.D
 Acq On : 16 Apr 2021 20:12
 Operator : JU/CG
 Sample : M2046-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Manual Integrations
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Quant Time: Apr 17 01:25:37 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	246544	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	929029	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	457245	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	822494	20.00	ng	0.00
76) Chrysene-d12	14.051	240	433015	20.00	ng	0.00
86) Perylene-d12	15.539	264	446108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1388320	91.01	ng	0.02
7) Phenol-d6	6.510	99	1748526	82.72	ng	0.01
23) Nitrobenzene-d5	7.428	82	1294519	64.06	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	489595	94.56	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1989020	64.85	ng	0.00
79) Terphenyl-d14	12.992	244	1542115	69.22	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.628	163	115589	3.66	ng	96
71) Phenanthrene	11.422	178	113544	2.65	ng	99
75) Fluoranthene	12.616	202	192709	4.08	ng	96
78) Pyrene	12.845	202	155635	4.92	ng	99
81) Benzo(a)anthracene	14.039	228	70357	2.65	ng	96
83) Chrysene	14.074	228	96464	3.62	ng	99
88) Benzo(b)fluoranthene	15.098	252	121637m	3.86	ng	
90) Benzo(a)pyrene	15.468	252	70112	2.80	ng	# 96
92) Benzo(g,h,i)perylene	17.468	276	64681	3.42	ng	# 94

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

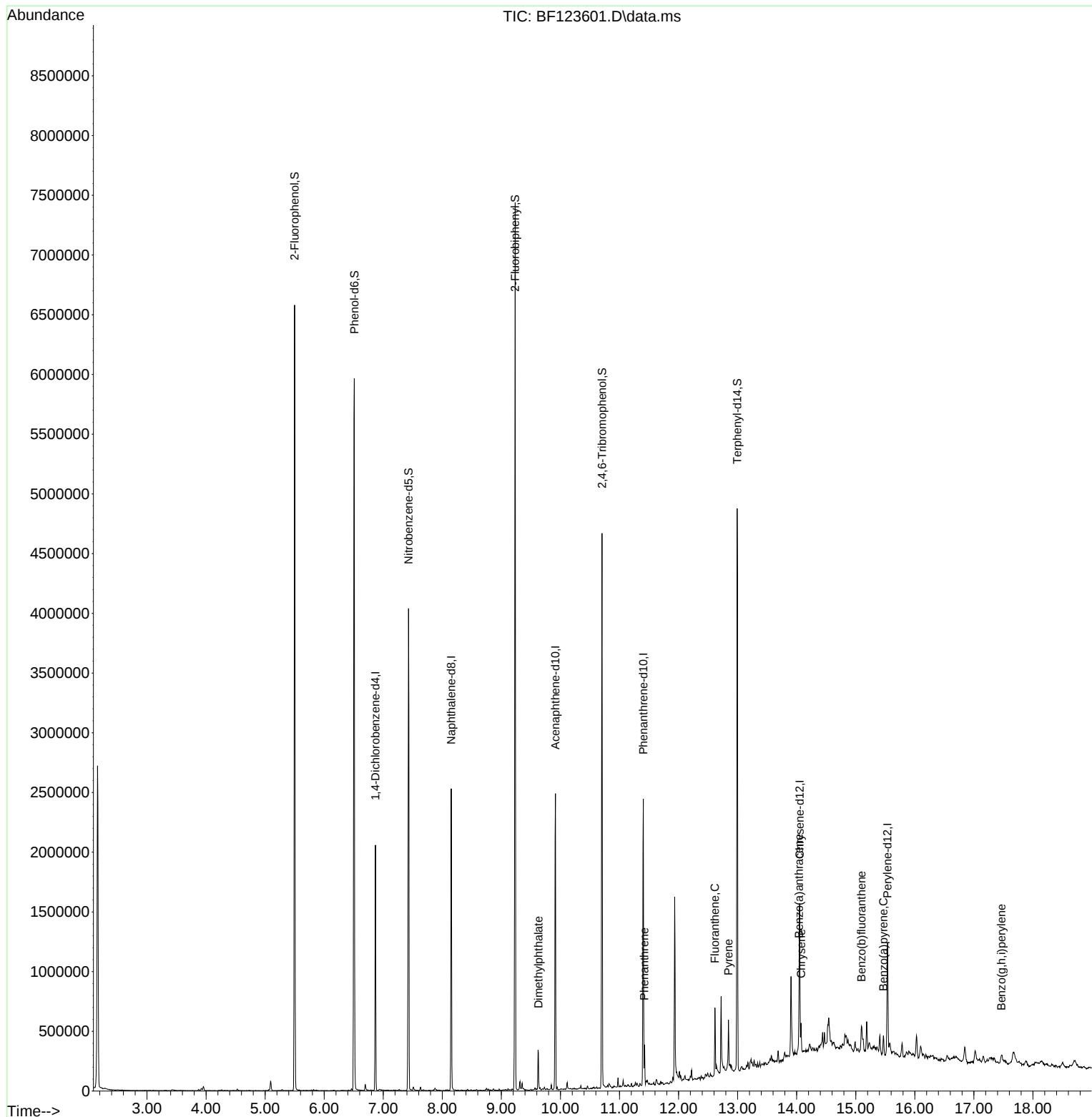
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123601.D
Acq On : 16 Apr 2021 20:12
Operator : JU/CG
Sample : M2046-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

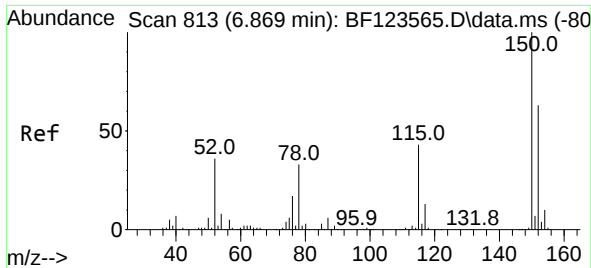
Instrument :
BNA_F
ClientSampleId :
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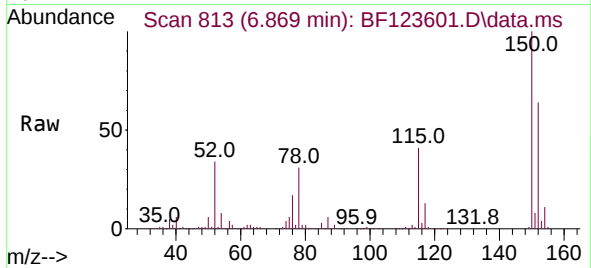
Quant Time: Apr 17 01:25:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

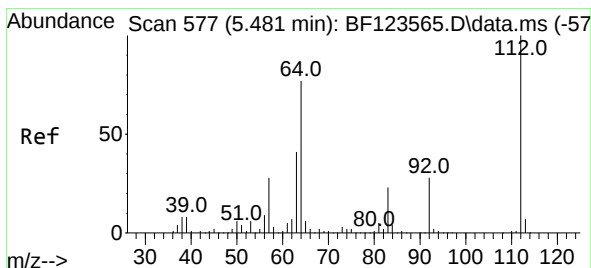
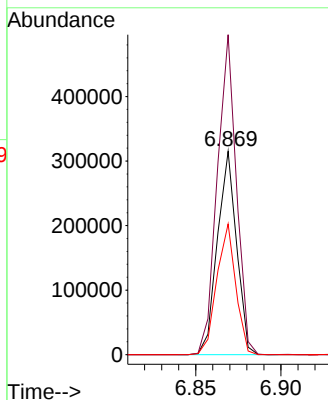
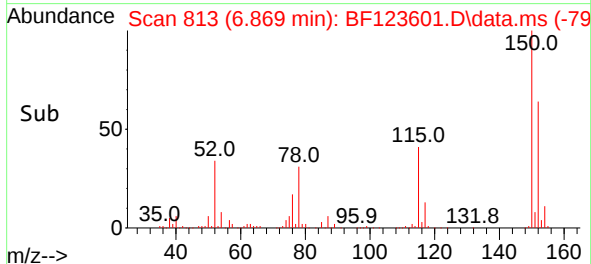
Instrument :
BNA_F
ClientSampled :
WC-5



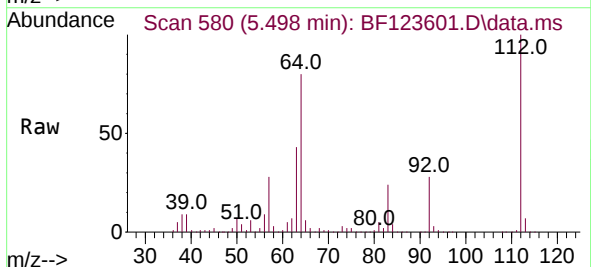
Tgt Ion:152 Resp: 246544
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 64.2 54.3 81.5

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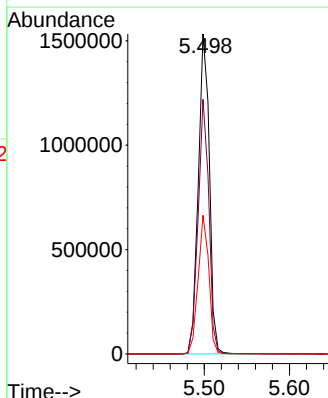
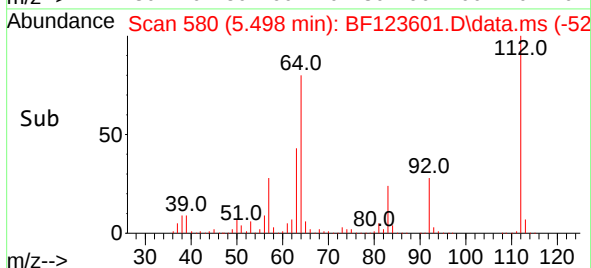
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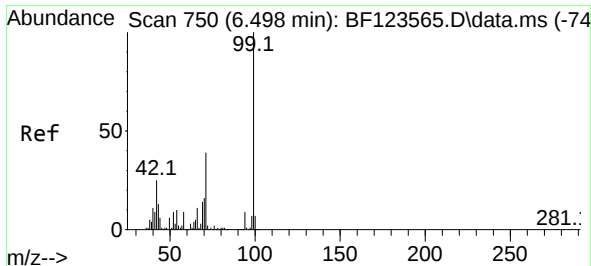


#5
2-Fluorophenol
Concen: 91.01 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



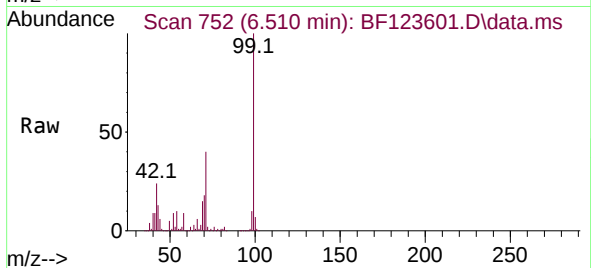
Tgt Ion:112 Resp: 1388320
Ion Ratio Lower Upper
112 100
64 79.6 61.4 92.0
63 43.4 33.0 49.4





#7
Phenol-d6
Concen: 82.72 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

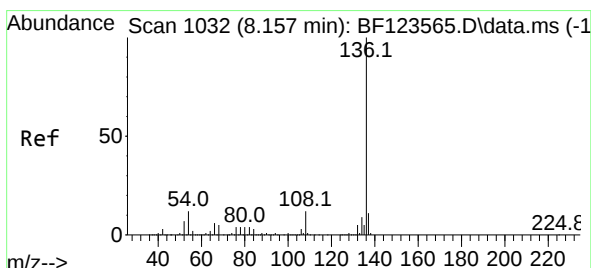
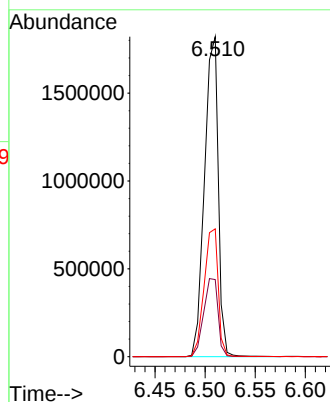
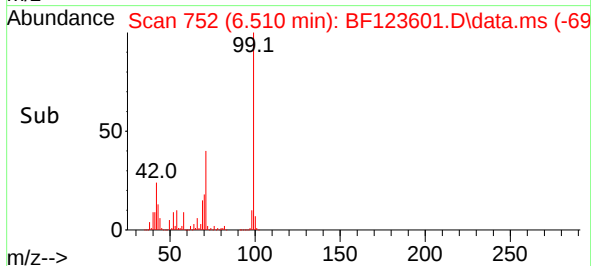
Instrument :
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ClientSampleId :
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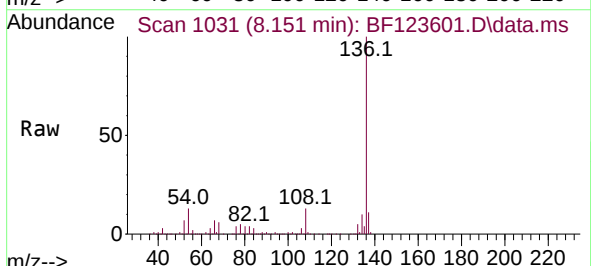
Tgt Ion: 99 Resp: 1748526
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.8
71 39.9 31.1 46.7

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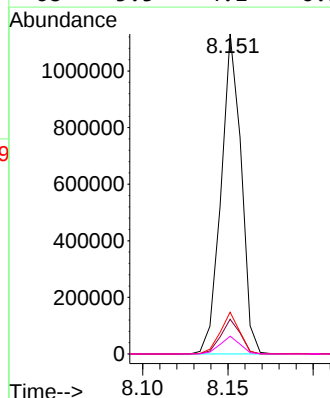
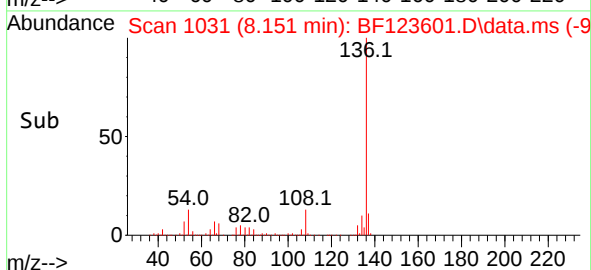
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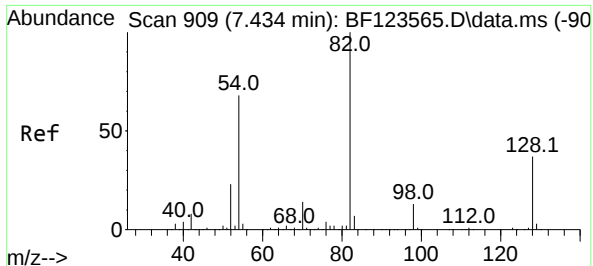


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



Tgt Ion: 136 Resp: 929029
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 13.1 9.8 14.6
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 64.06 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF123601.D

Acq: 16 Apr 2021 20:12

Tgt Ion: 82 Resp: 1294519

Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.4	44.2
54	66.7	54.1	81.1

Instrument :

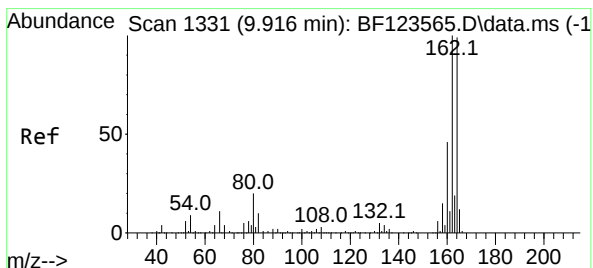
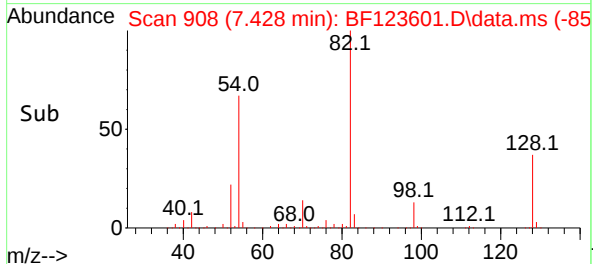
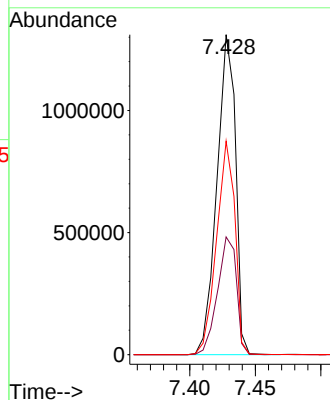
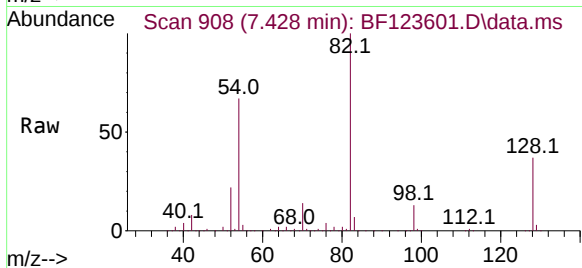
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ClientSampled :

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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.916 min Scan# 1331

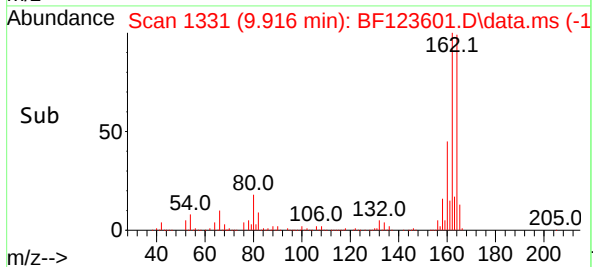
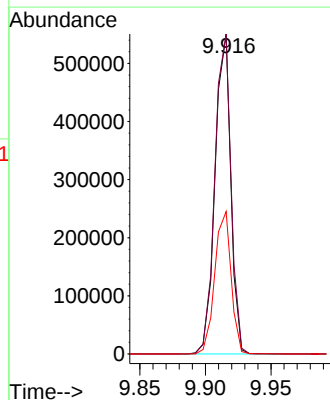
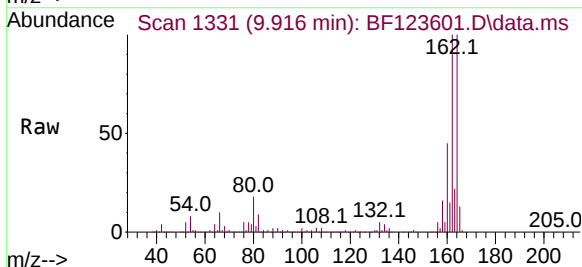
Delta R.T. 0.000 min

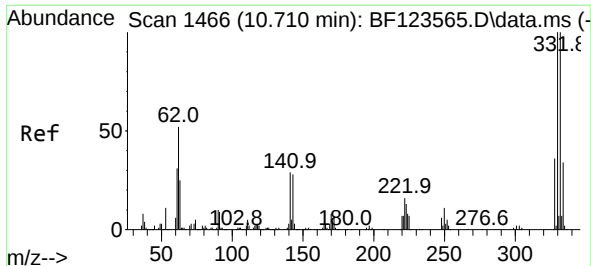
Lab File: BF123601.D

Acq: 16 Apr 2021 20:12

Tgt Ion:164 Resp: 457245

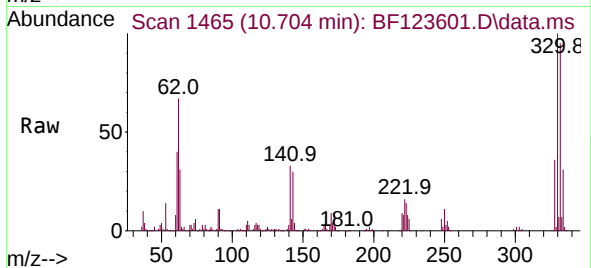
Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.7	121.1
160	44.6	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 94.56 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

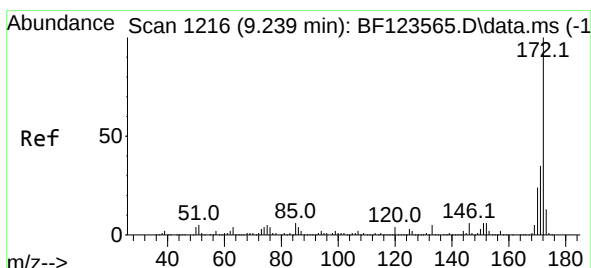
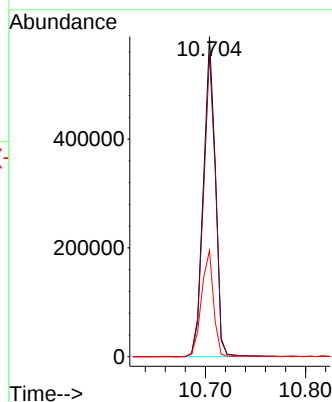
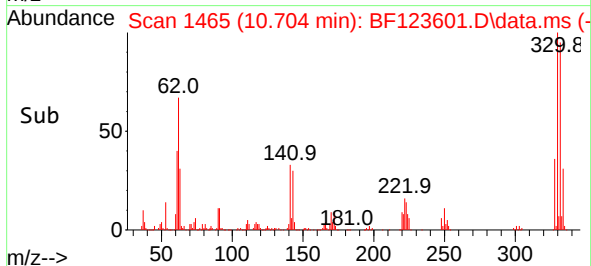
Instrument :
BNA_F
ClientSampled :
WC-5



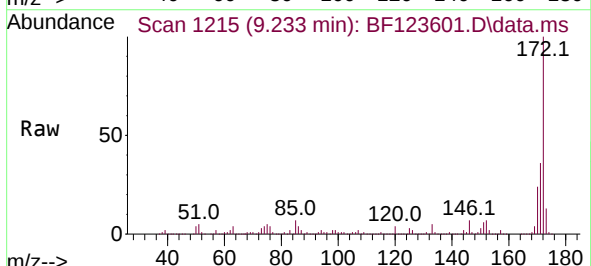
Tgt Ion:330 Resp: 489595
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 33.4 27.9 41.9

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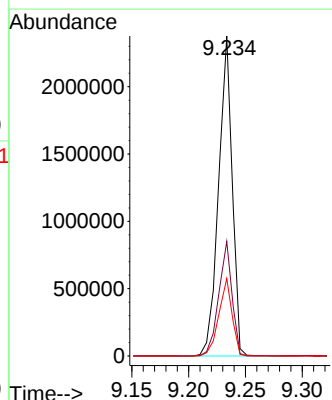
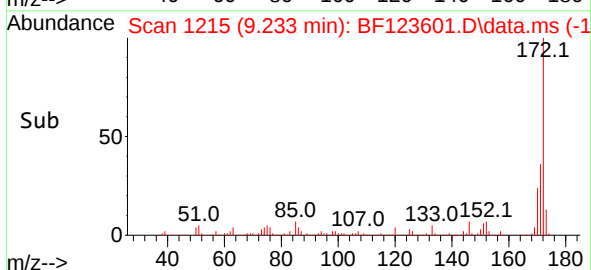
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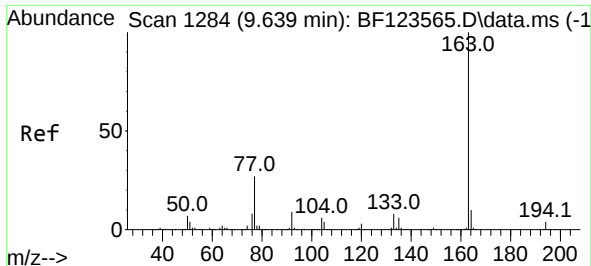


#45
2-Fluorobiphenyl
Concen: 64.85 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

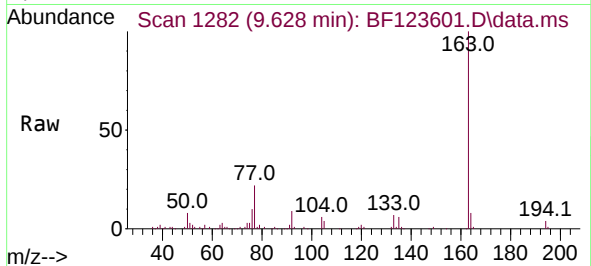


Tgt Ion:172 Resp: 1989020
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.2 19.2 28.8

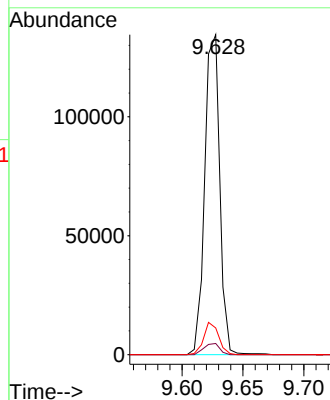
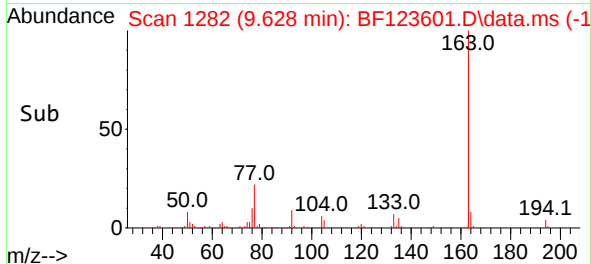




#50
Dimethylphthalate
Concen: 3.66 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



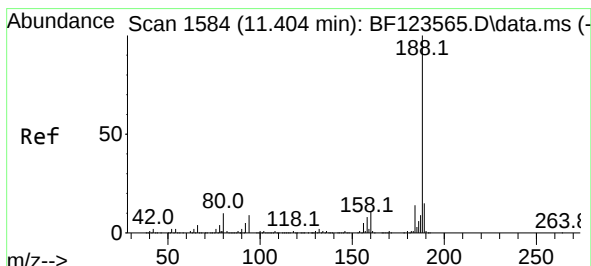
Tgt Ion:163 Resp: 115589
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 8.4 8.2 12.2



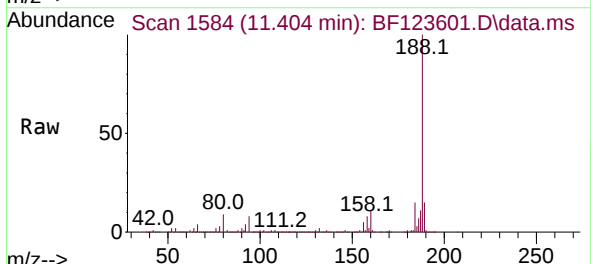
Instrument :
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ClientSampleId :
WC-5

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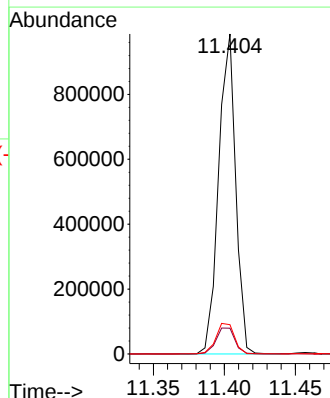
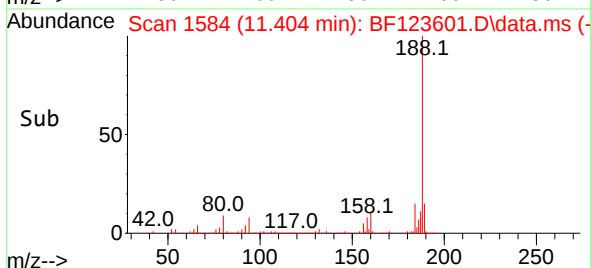
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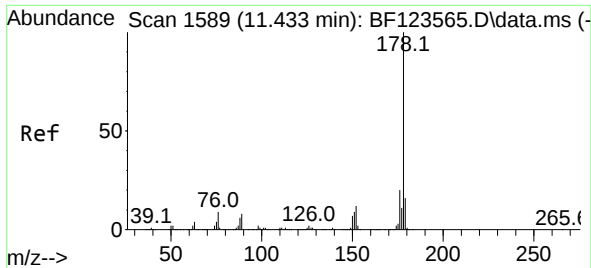


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

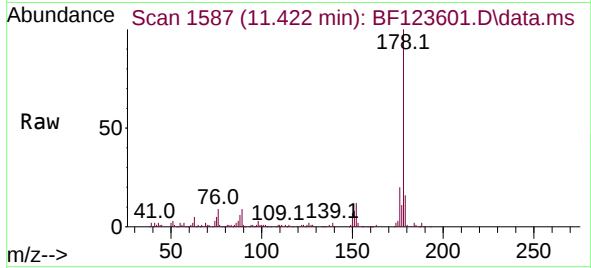


Tgt Ion:188 Resp: 822494
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.2 8.2 12.2

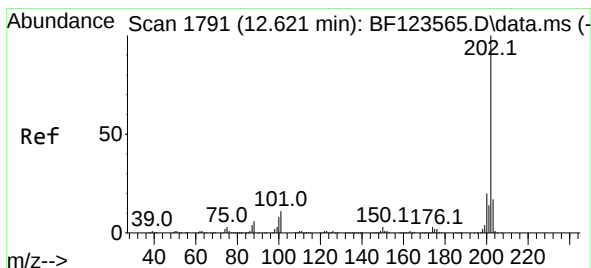
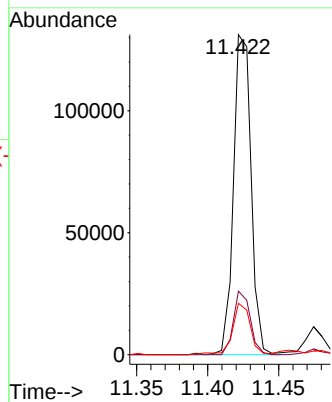
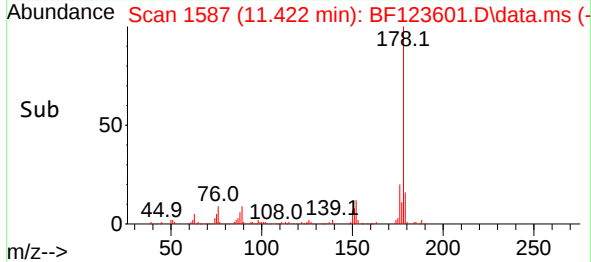




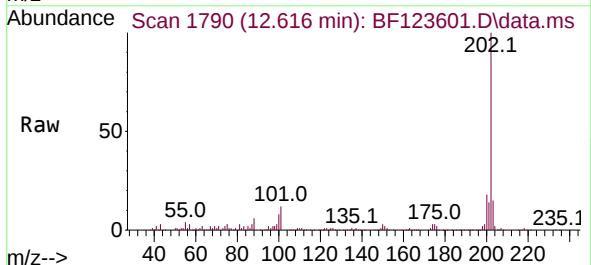
#71
Phenanthrene
Concen: 2.65 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



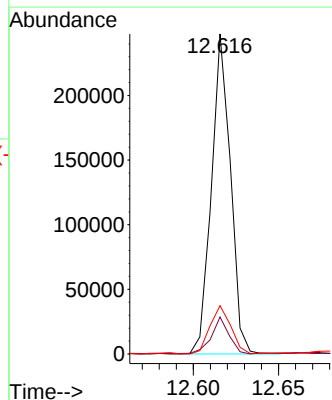
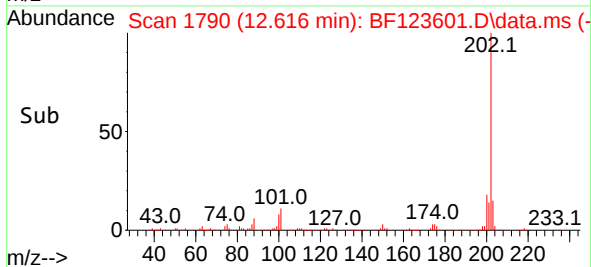
Tgt Ion:178 Resp: 113544
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 16.1 12.5 18.7



#75
Fluoranthene
Concen: 4.08 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



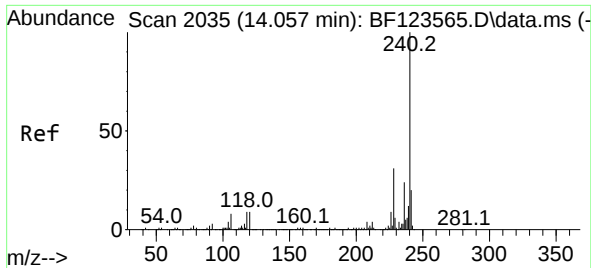
Tgt Ion:202 Resp: 192709
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.9
203 15.1 0.0 37.5



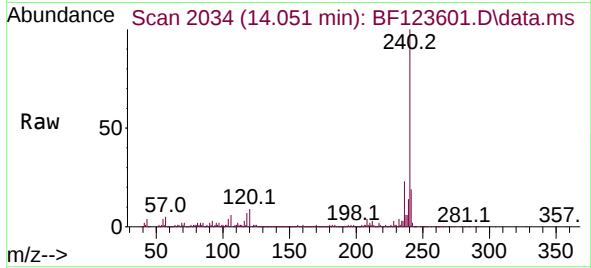
Instrument :
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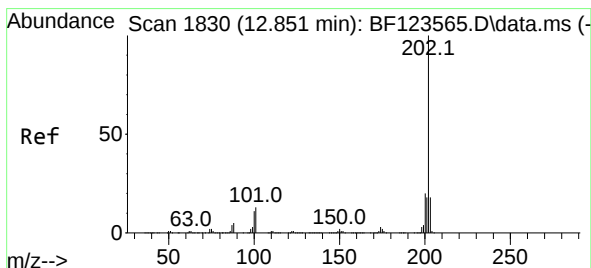
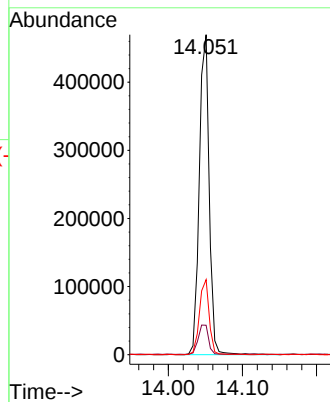
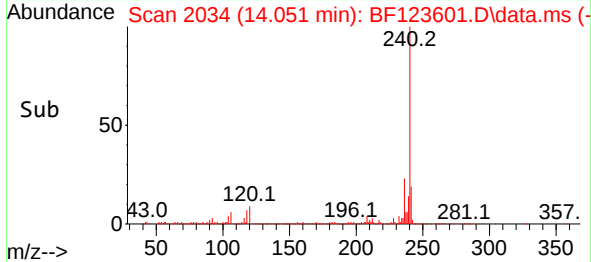
mohammad
4/19/2021 11:45:23 AM



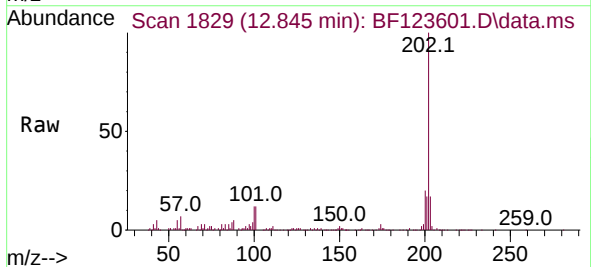
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



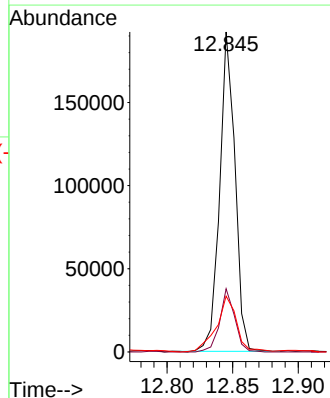
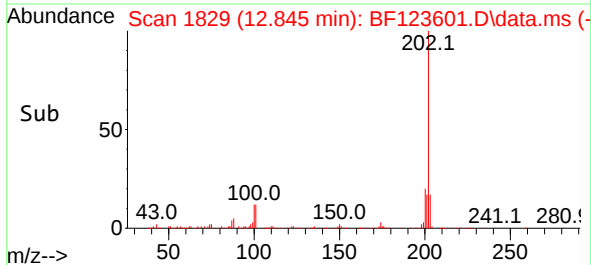
Tgt Ion:240 Resp: 433015
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 23.5 19.0 28.4



#78
Pyrene
Concen: 4.92 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



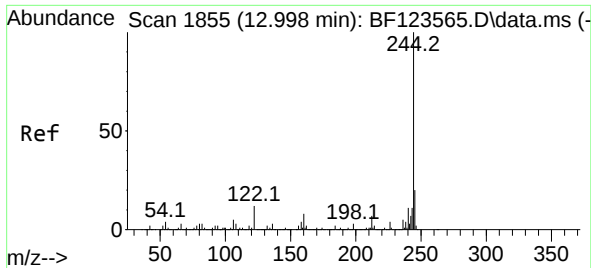
Tgt Ion:202 Resp: 155635
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.5 14.8 22.2



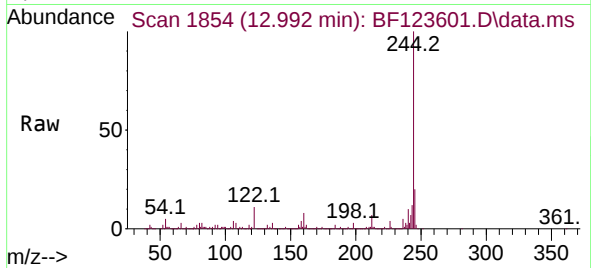
Instrument :
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WC-5

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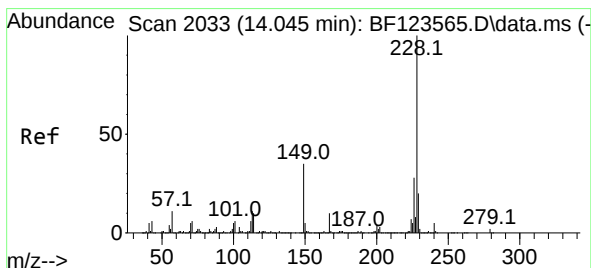
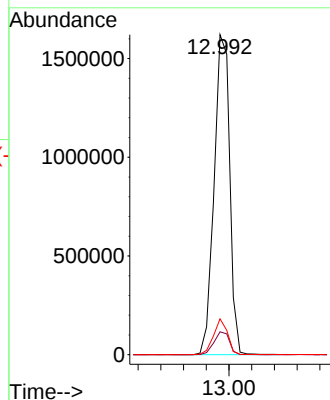
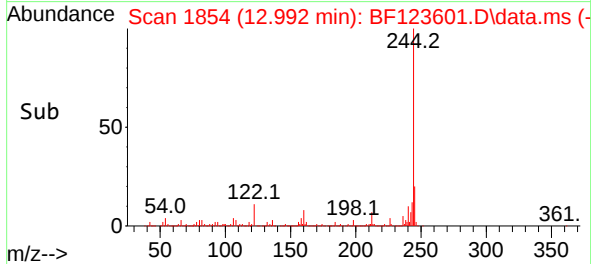
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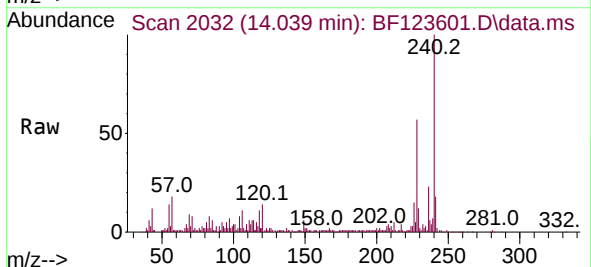
#79
Terphenyl-d14
Concen: 69.22 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



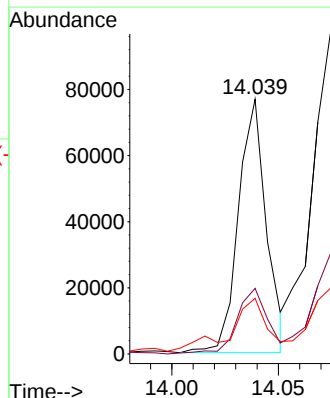
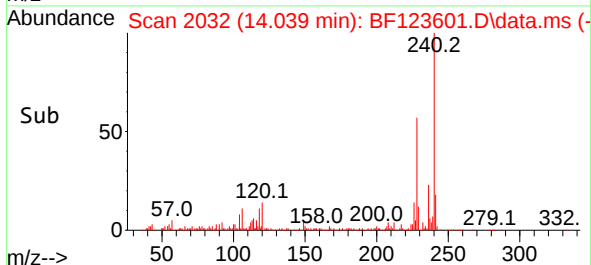
Tgt Ion:244 Resp: 1542115
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.2 9.7 14.5



#81
Benzo(a)anthracene
Concen: 2.65 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



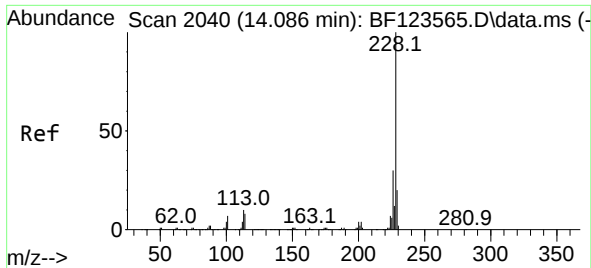
Tgt Ion:228 Resp: 70357
Ion Ratio Lower Upper
228 100
226 25.8 22.4 33.6
229 21.9 16.0 24.0



Instrument :
BNA_F
ClientSampleId :
WC-5

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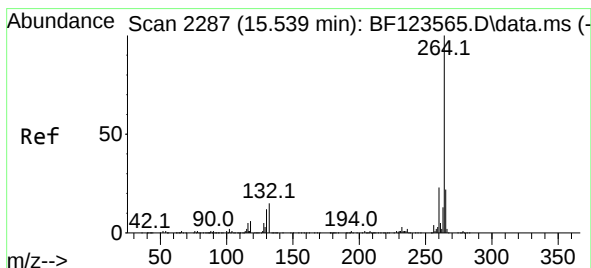
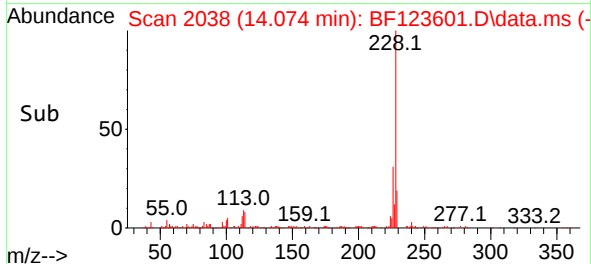
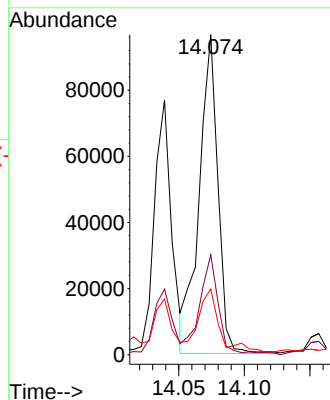
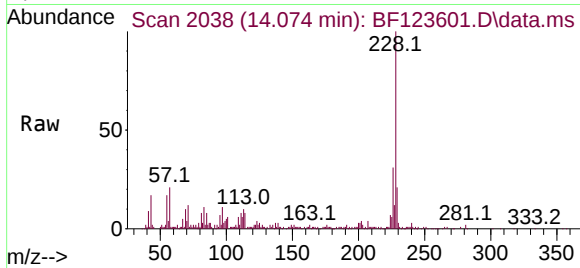
#83
Chrysene
Concen: 3.62 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

Tgt Ion: 228 Resp: 96464
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 20.5 16.2 24.2

Instrument :
BNA_F
ClientSampled :
WC-5

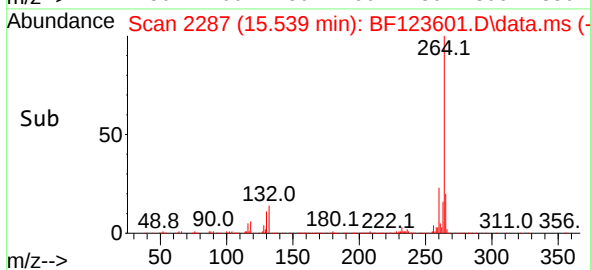
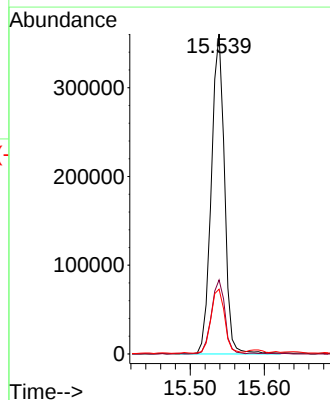
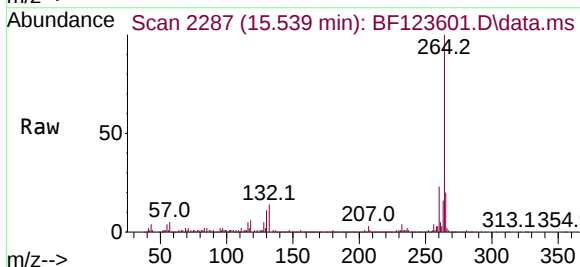
Manual Integrations
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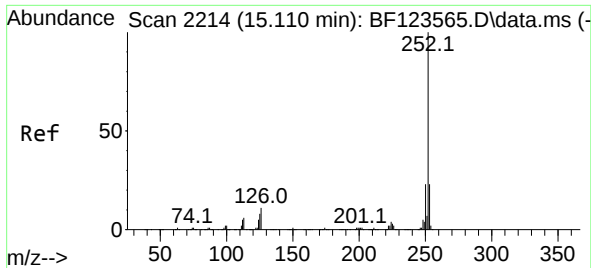
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

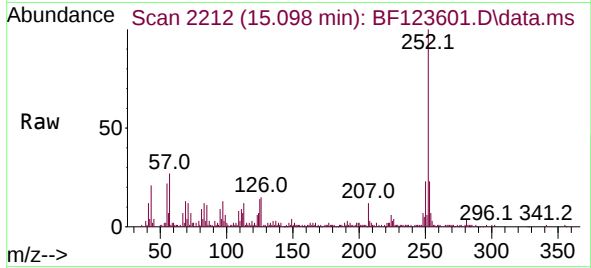
Tgt Ion: 264 Resp: 446108
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 20.3 17.8 26.8





#88
Benzo(b)fluoranthene
Concen: 3.86 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

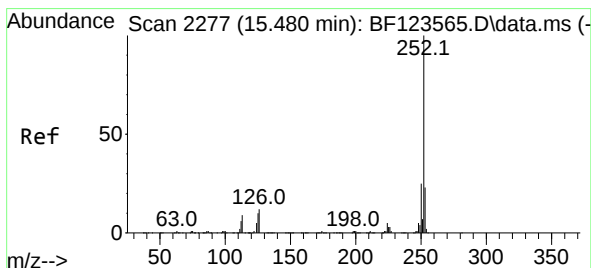
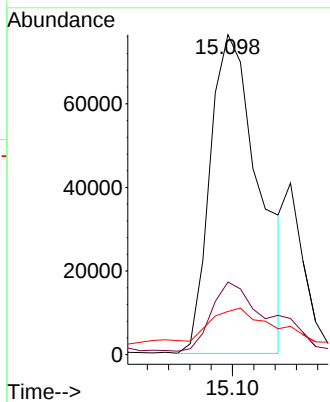
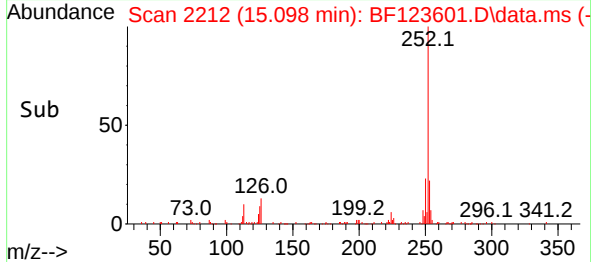
Instrument :
BNA_F
ClientSampled :
WC-5



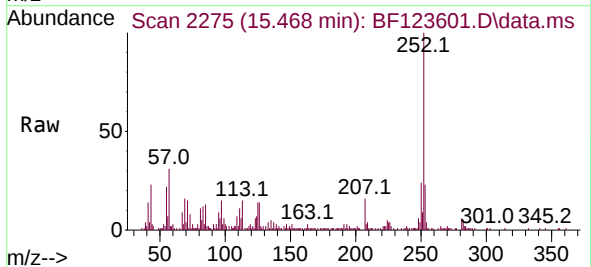
Tgt Ion:252 Resp: 121637
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 13.5 6.2 9.4#

Manual Integrations
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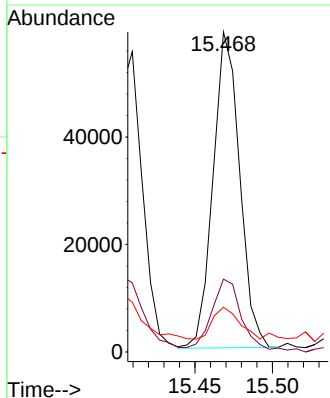
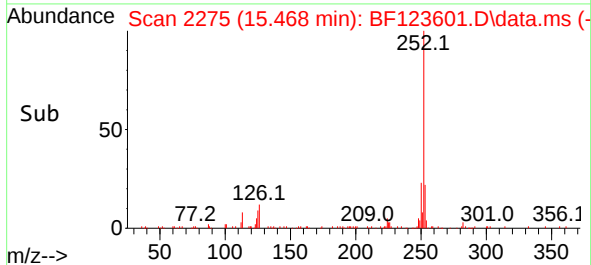
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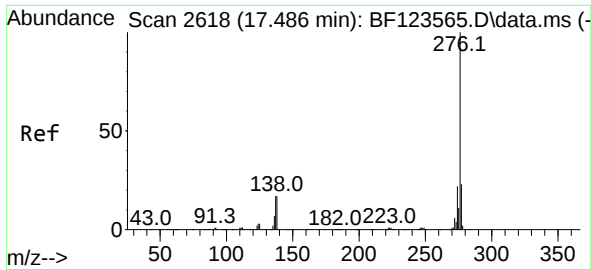


#90
Benzo(a)pyrene
Concen: 2.80 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12

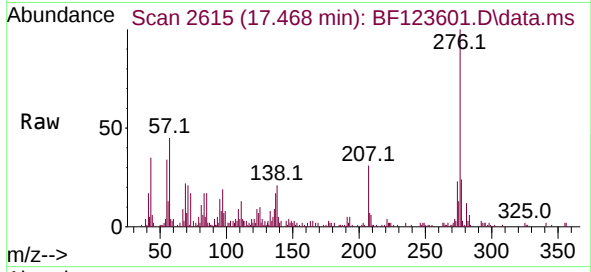


Tgt Ion:252 Resp: 70112
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 14.0 8.0 12.0#

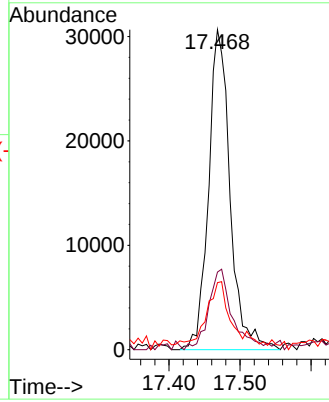
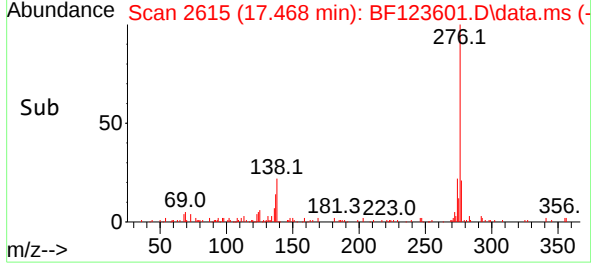




#92
Benzo(g,h,i)perylene
Concen: 3.42 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.018 min
Lab File: BF123601.D
Acq: 16 Apr 2021 20:12



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.2	27.2
138	21.0	13.8	20.6



Instrument :
BNA_F
ClientSampleId :
WC-5

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