

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
 Data File : BF124165.D
 Acq On : 7 Jun 2021 19:45
 Operator : JU/CG
 Sample : M2597-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Manual Integrations
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Quant Time: Jun 08 01:30:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	33511	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	128272	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	76735	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	128439	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	83173	20.000	ng	0.00
86) Perylene-d12	15.509	264	81166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	205565	92.342	ng	0.00
7) Phenol-d6	6.504	99	261192	87.289	ng	0.00
23) Nitrobenzene-d5	7.422	82	201352	62.257	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	77078	70.899	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	346628	56.843	ng	-0.01
79) Terphenyl-d14	12.974	244	297822	49.162	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	57192	7.128	ng	94
75) Fluoranthene	12.598	202	62212	7.387	ng	95
78) Pyrene	12.827	202	50937	6.378	ng	99
81) Benzo(a)anthracene	14.015	228	22222m	3.668	ng	
83) Chrysene	14.051	228	18751	3.208	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	16160	4.193	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.986	276	9540	5.620	ng	# 84
88) Benzo(b)fluoranthene	15.074	252	27817m	4.412	ng	
90) Benzo(a)pyrene	15.445	252	18072	3.300	ng	# 94
92) Benzo(g,h,i)perylene	17.445	276	9165	5.290	ng	# 96

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

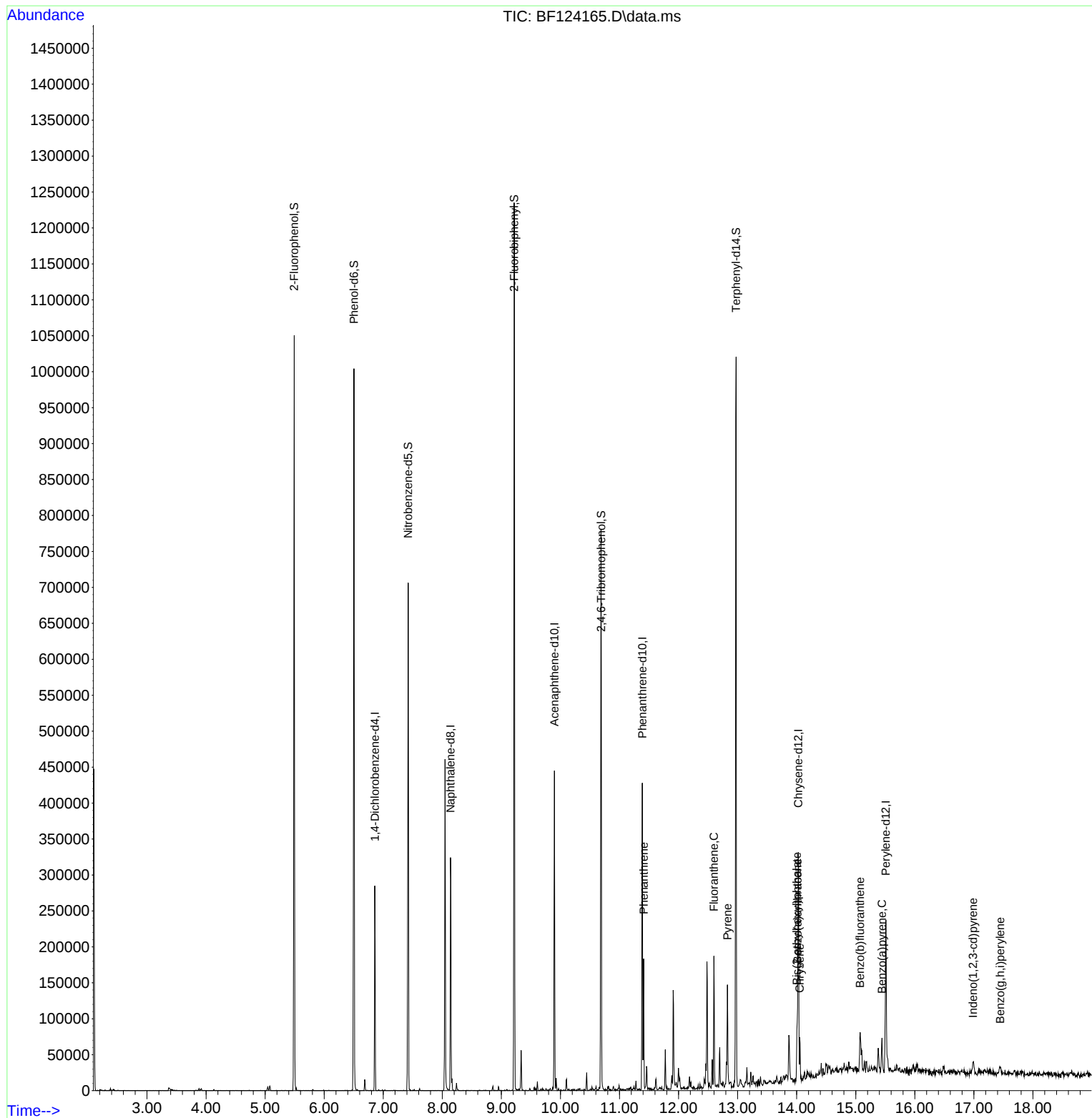
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124165.D
Acq On : 7 Jun 2021 19:45
Operator : JU/CG
Sample : M2597-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

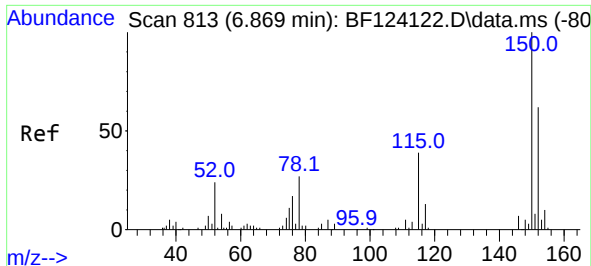
Instrument :
BNA_F
ClientSampled :
124042

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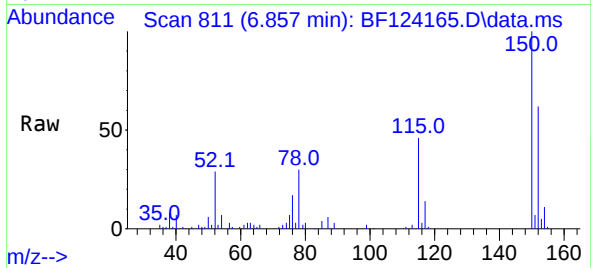
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Quant Time: Jun 08 01:30:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

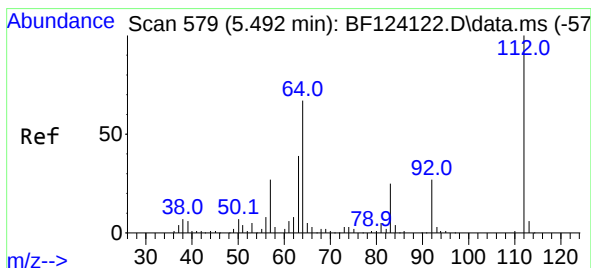
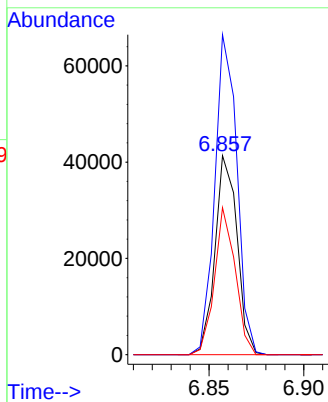
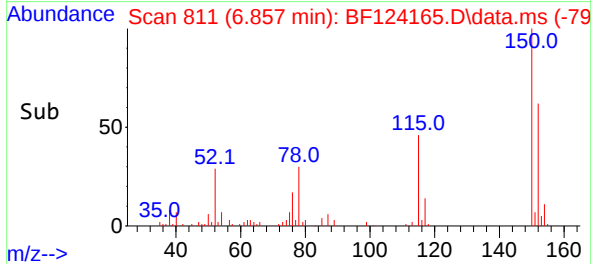




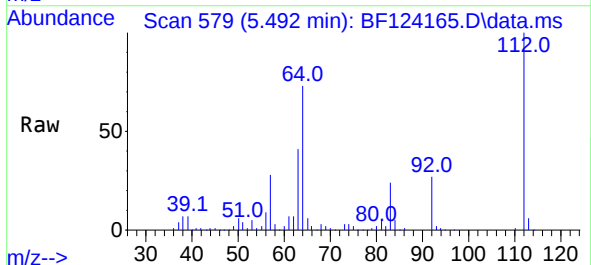
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



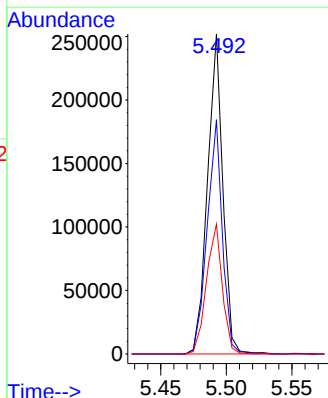
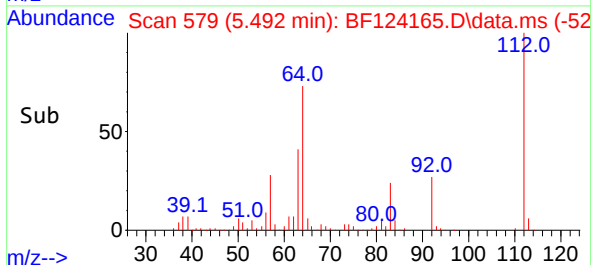
Tgt Ion:152 Resp: 33511
Ion Ratio Lower Upper
152 100
150 160.8 127.0 190.6
115 73.9 54.3 81.5



#5
2-Fluorophenol
Concen: 92.342 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



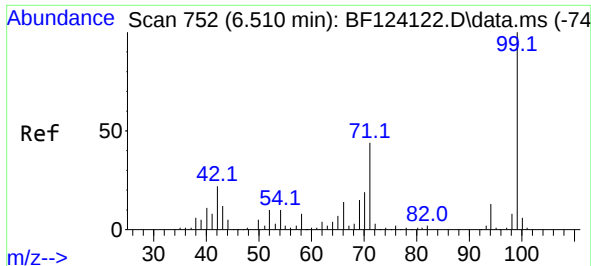
Tgt Ion:112 Resp: 205565
Ion Ratio Lower Upper
112 100
64 73.2 61.4 92.0
63 40.6 33.0 49.4



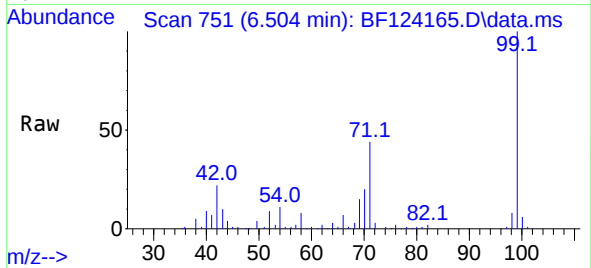
Instrument :
BNA_F
ClientSampleId :
124042

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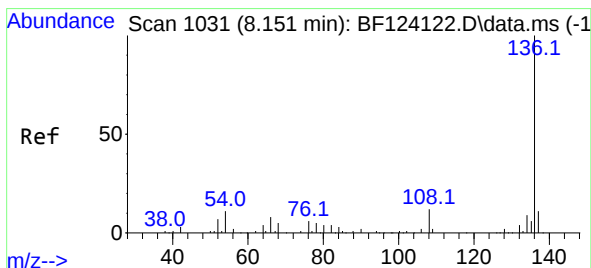
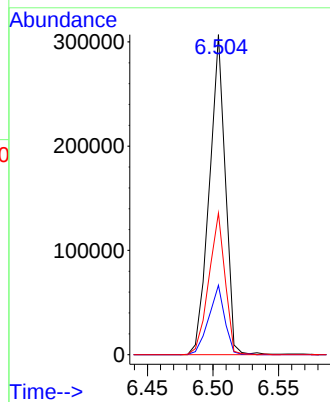
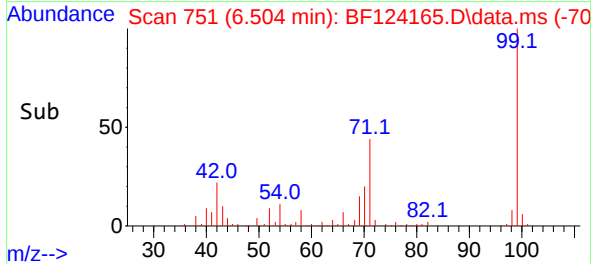
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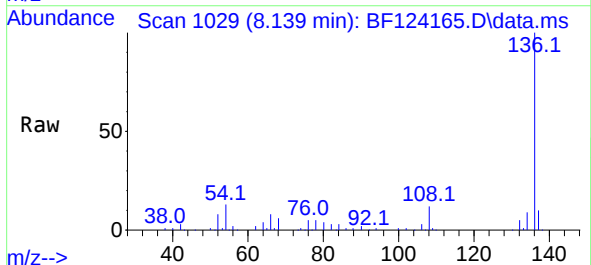
#7
Phenol-d6
Concen: 87.289 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



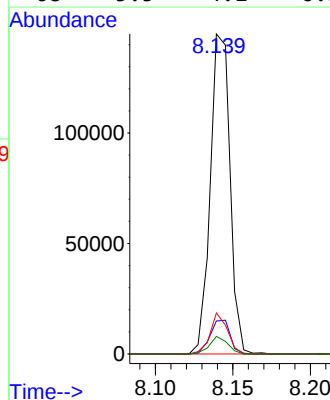
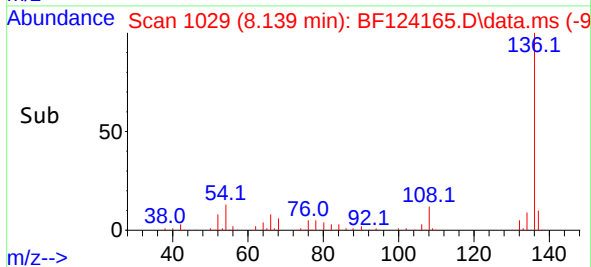
Tgt Ion: 99 Resp: 261192
Ion Ratio Lower Upper
99 100
42 21.7 19.8 29.8
71 44.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



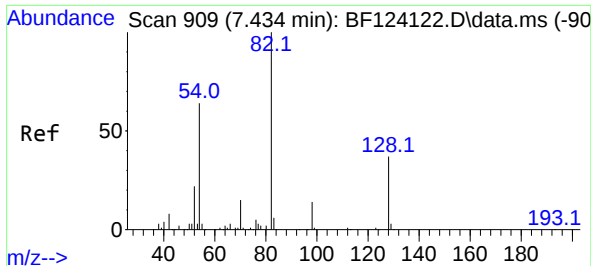
Tgt Ion: 136 Resp: 128272
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 12.8 9.8 14.6
68 5.5 4.1 6.1



Instrument :
BNA_F
ClientSampleId :
124042

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#23

Nitrobenzene-d5

Concen: 62.257 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124165.D

Acq: 7 Jun 2021 19:45

Tgt Ion: 82 Resp: 201352

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.4	44.2
54	57.8	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

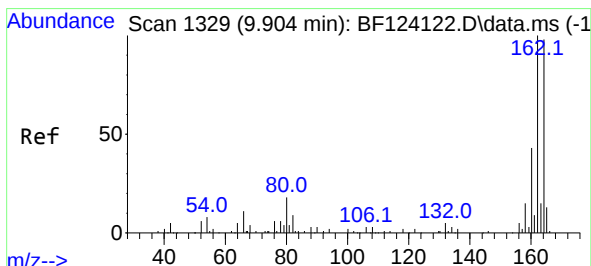
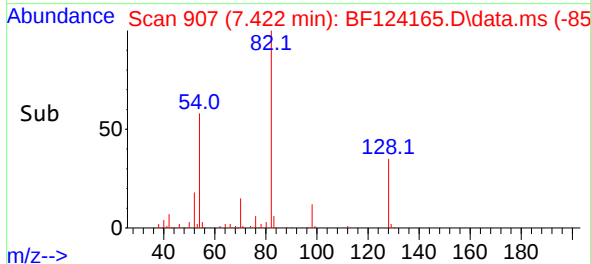
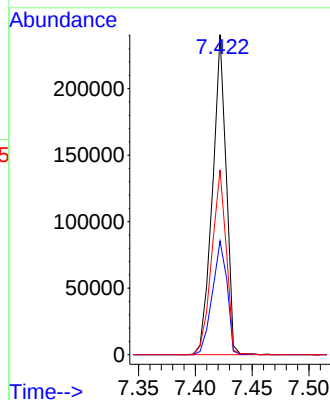
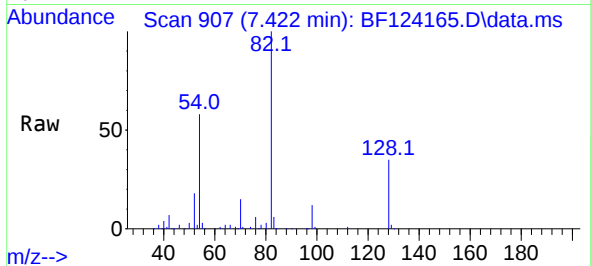
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

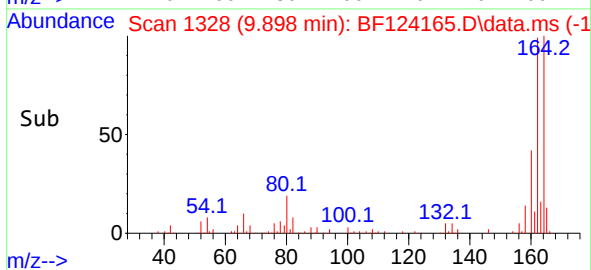
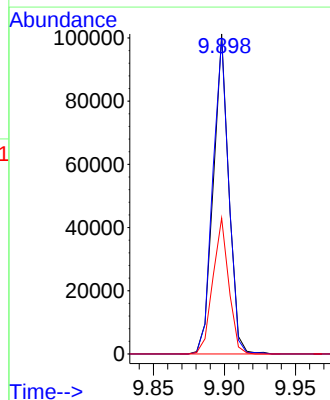
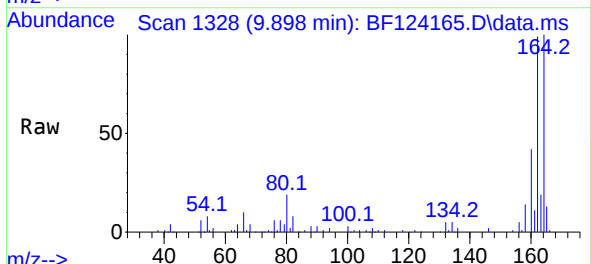
Delta R.T. -0.006 min

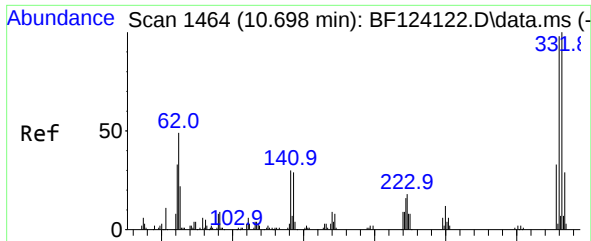
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Acq: 7 Jun 2021 19:45

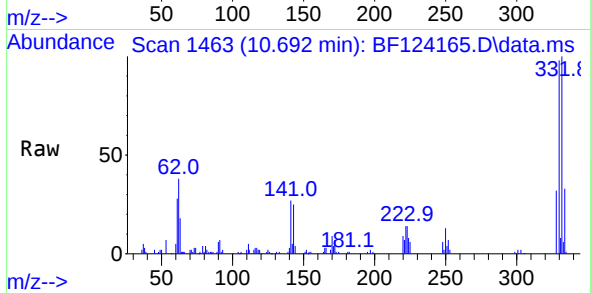
Tgt Ion: 164 Resp: 76735

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.7	121.1
160	42.4	37.3	55.9

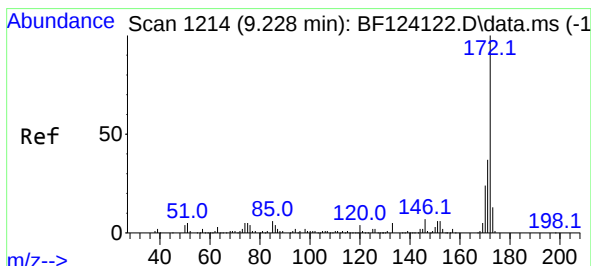
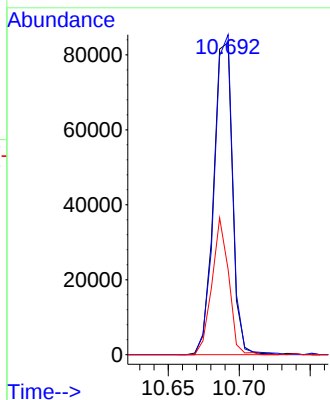
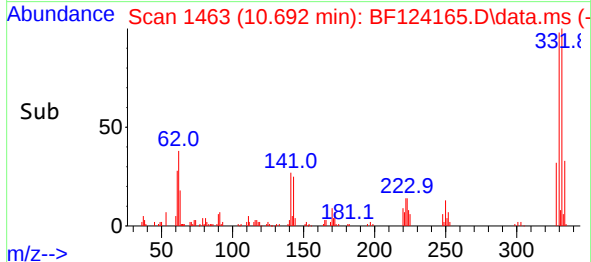




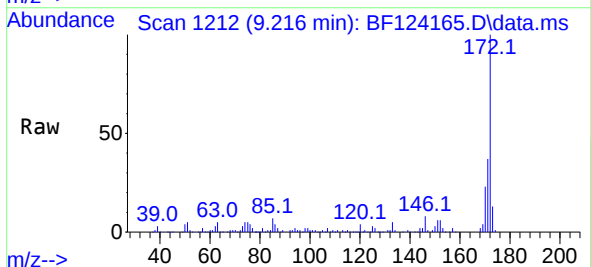
#42
2,4,6-Tribromophenol
Concen: 70.899 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



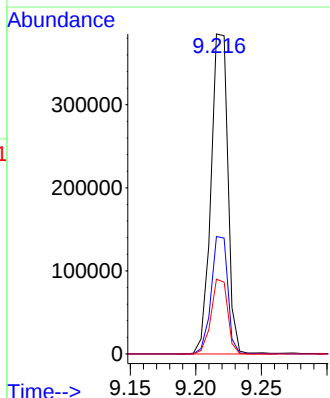
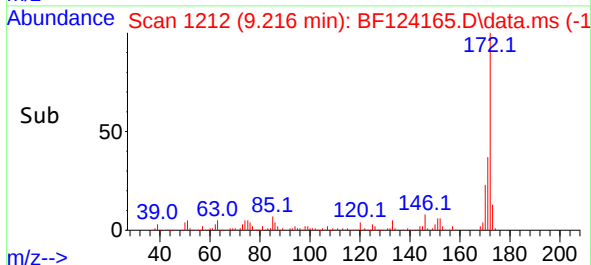
Tgt Ion:330 Resp: 77078
Ion Ratio Lower Upper
330 100
332 100.0 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 56.843 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



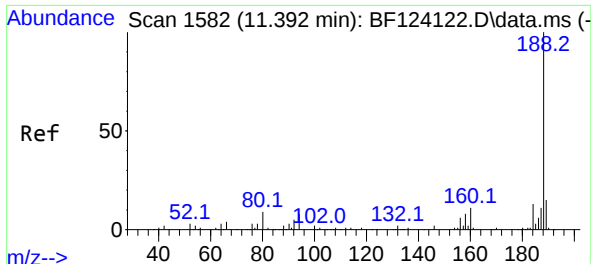
Tgt Ion:172 Resp: 346628
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 23.3 19.2 28.8



Instrument :
BNA_F
ClientSampleId :
124042

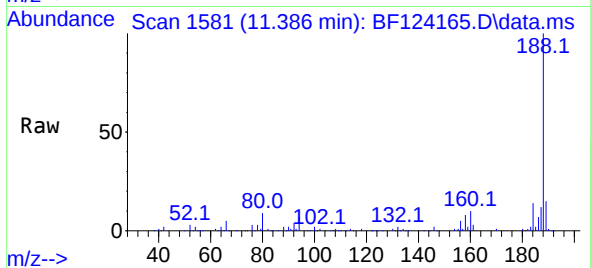
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

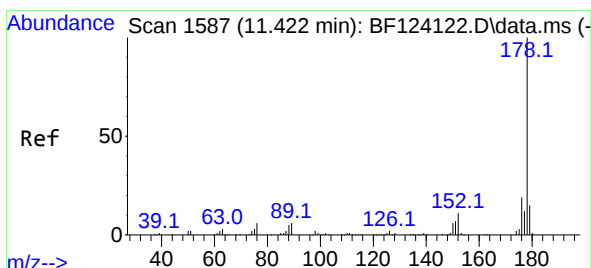
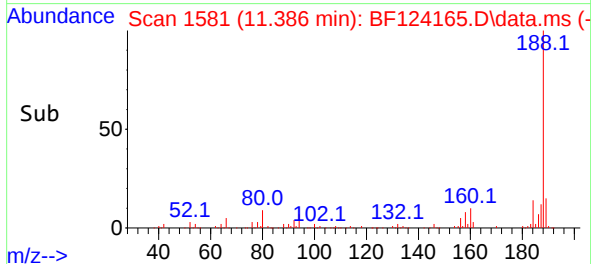
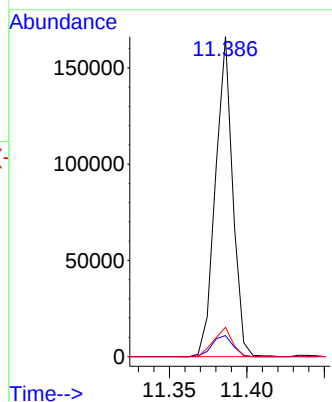
Instrument :
BNA_F
ClientSampleId :
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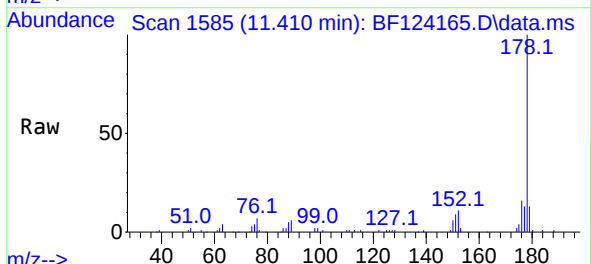
Tgt Ion:188 Resp: 128439
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 9.2 8.2 12.2

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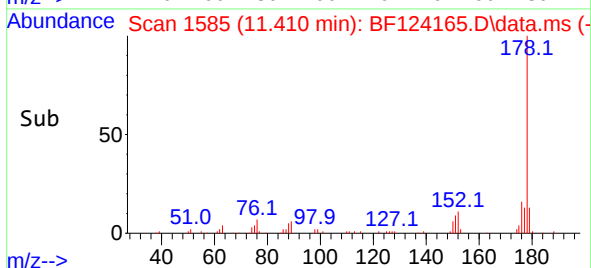
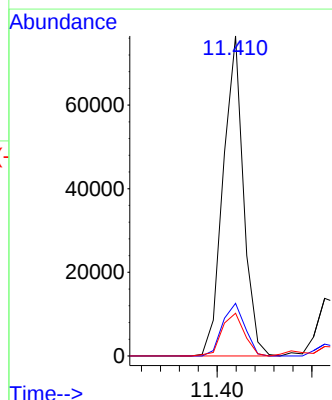
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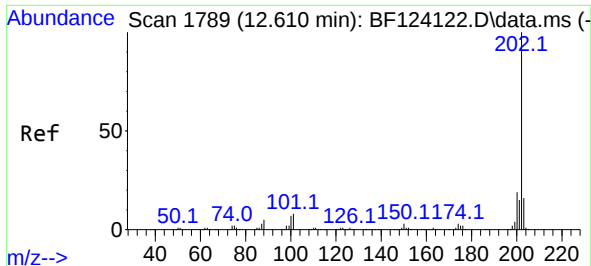


#71
Phenanthrene
Concen: 7.128 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

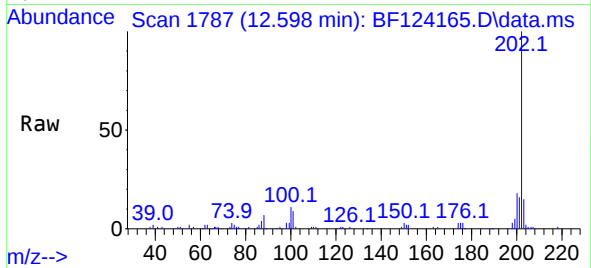


Tgt Ion:178 Resp: 57192
Ion Ratio Lower Upper
178 100
176 16.5 15.6 23.4
179 13.4 12.5 18.7

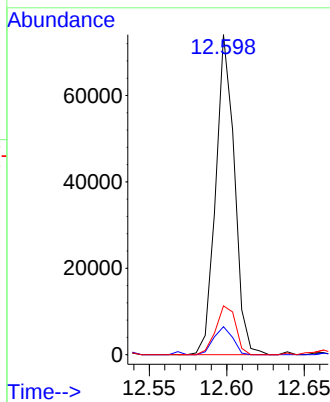
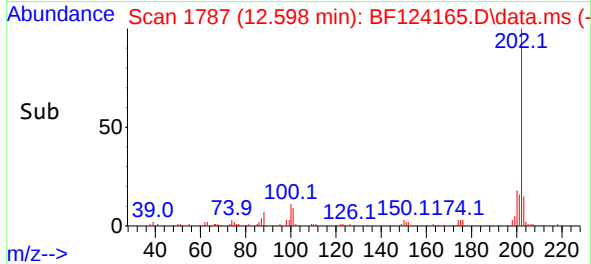




#75
Fluoranthene
Concen: 7.387 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



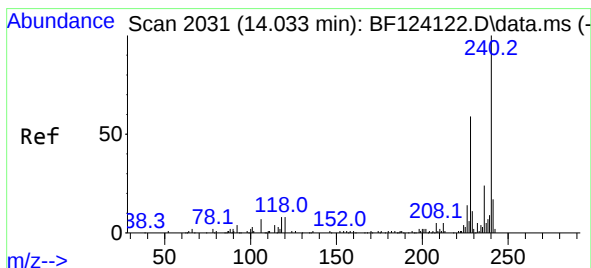
Tgt Ion:202 Resp: 62212
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.9
203 15.3 0.0 37.5



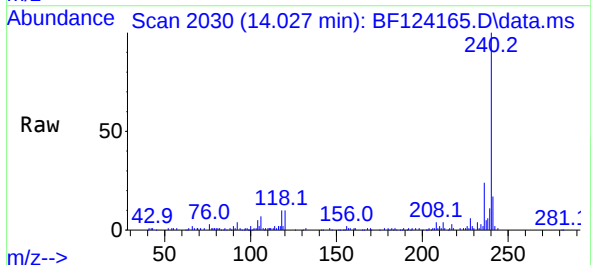
Instrument :
BNA_F
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124042

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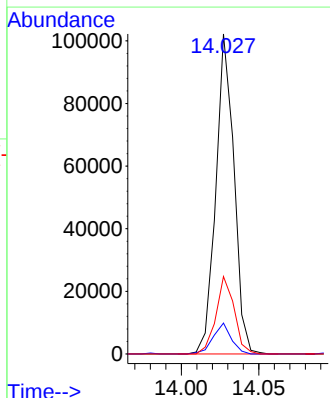
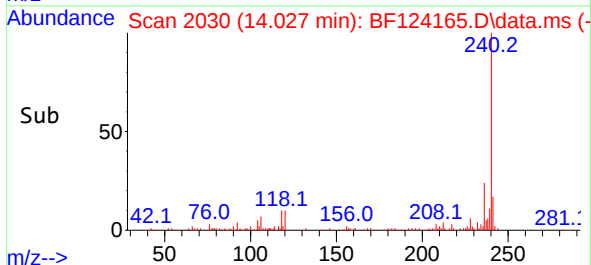
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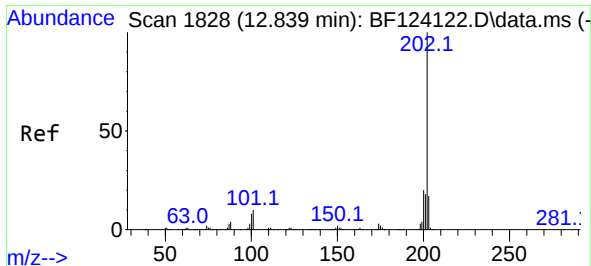


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



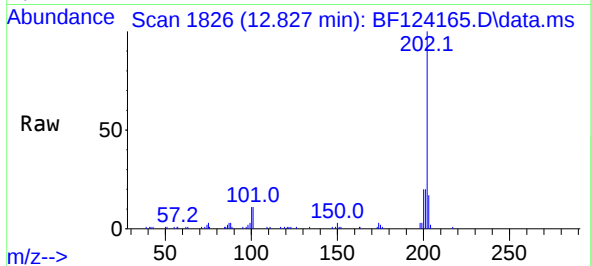
Tgt Ion:240 Resp: 83173
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 24.2 19.0 28.4





#78
Pyrene
Concen: 6.378 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

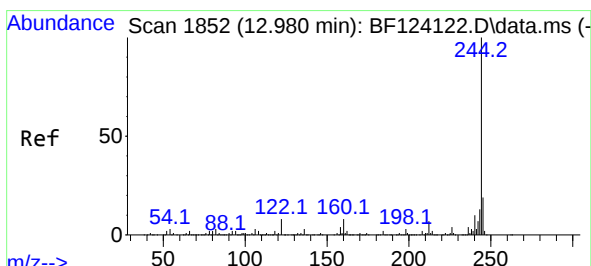
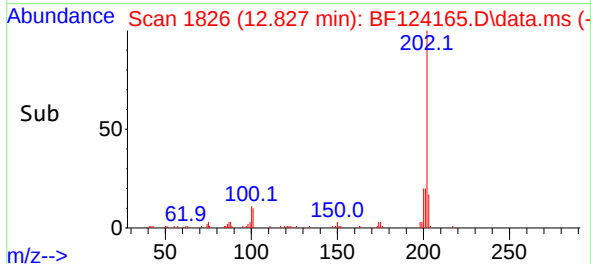
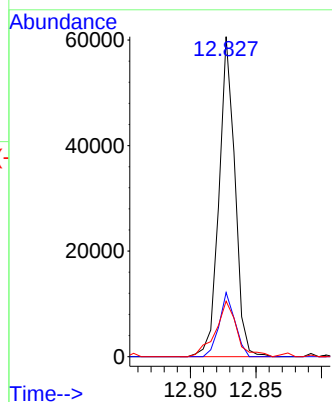
Instrument :
BNA_F
ClientSampleId :
124042



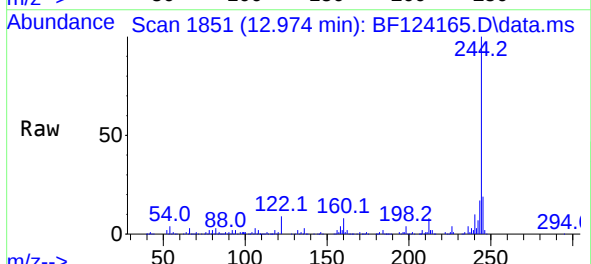
Tgt Ion:202 Resp: 50937
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.4 14.8 22.2

Manual Integrations
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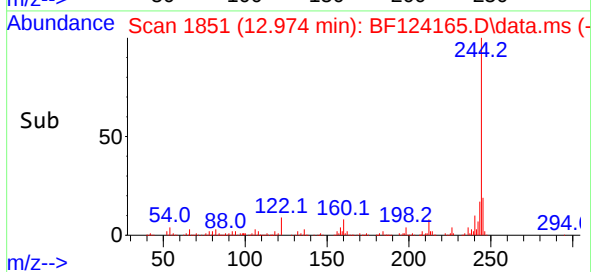
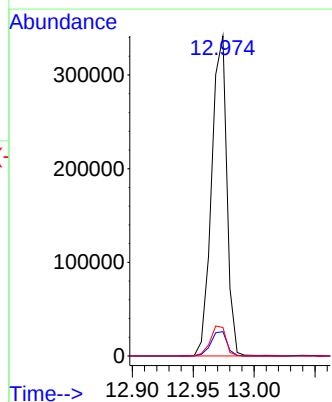
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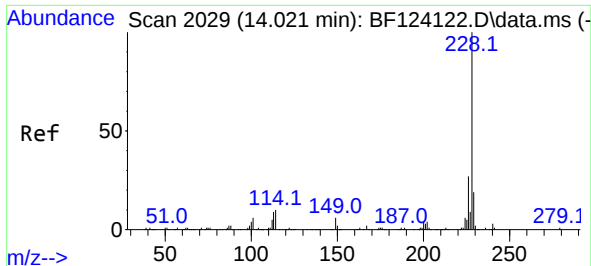


#79
Terphenyl-d14
Concen: 49.162 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



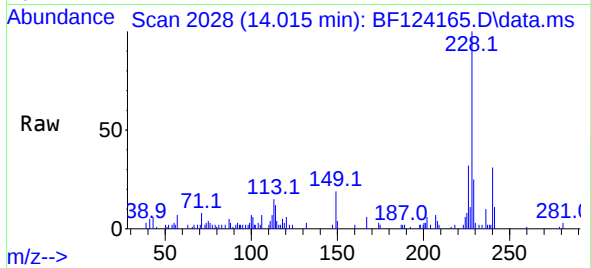
Tgt Ion:244 Resp: 297822
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 8.9 9.7 14.5#





#81
Benzo(a)anthracene
Concen: 3.668 ng m
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

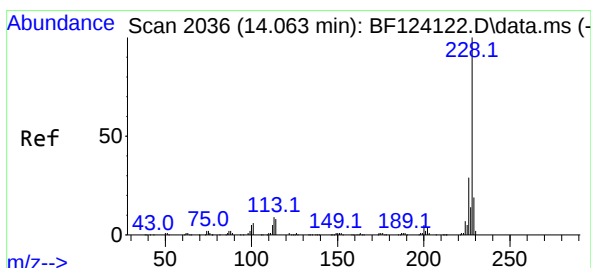
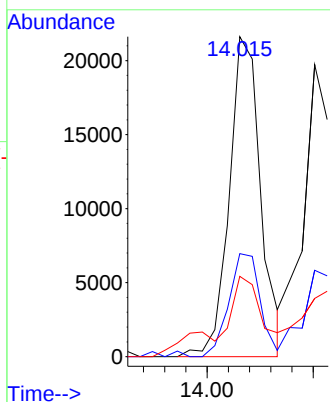
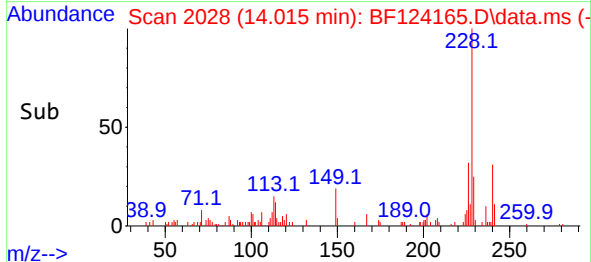
Instrument :
BNA_F
ClientSampled :
124042



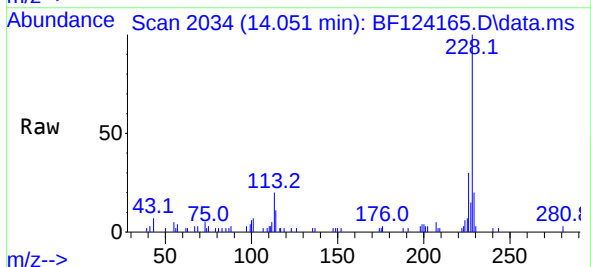
Tgt Ion:228 Resp: 22222
Ion Ratio Lower Upper
228 100
226 32.2 22.4 33.6
229 25.1 16.0 24.0#

Manual Integrations
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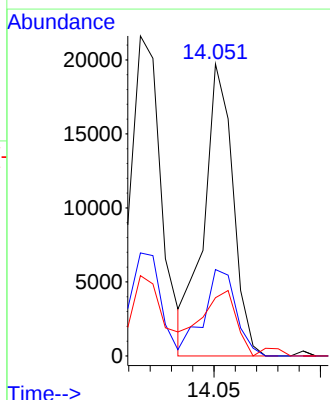
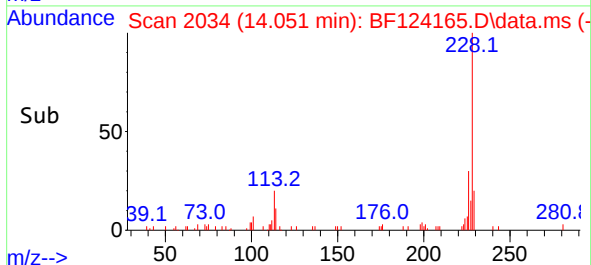
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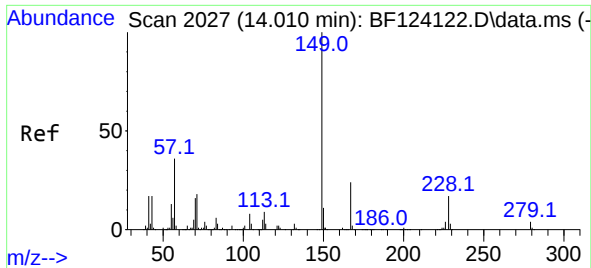


#83
Chrysene
Concen: 3.208 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

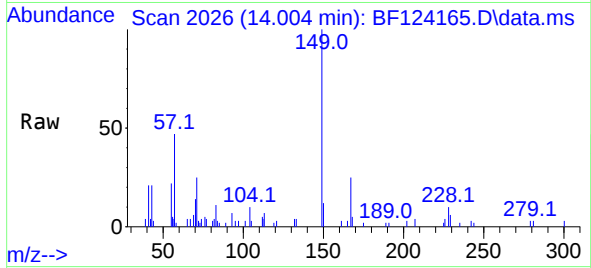


Tgt Ion:228 Resp: 18751
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 19.9 16.2 24.2

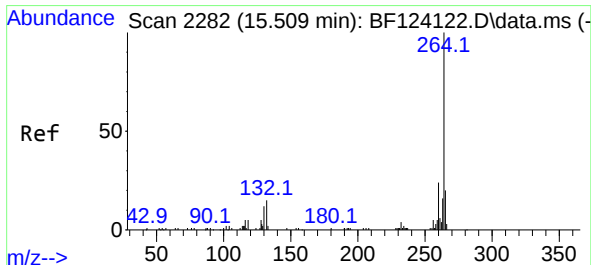
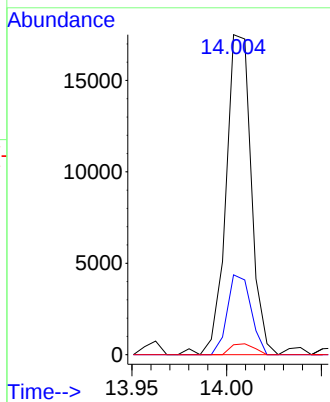
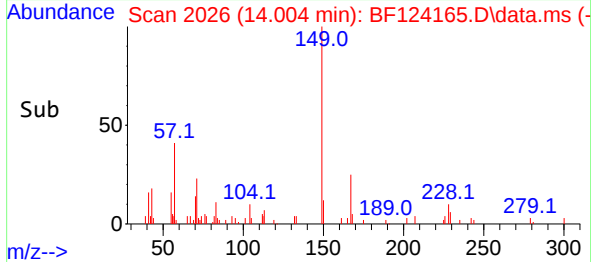




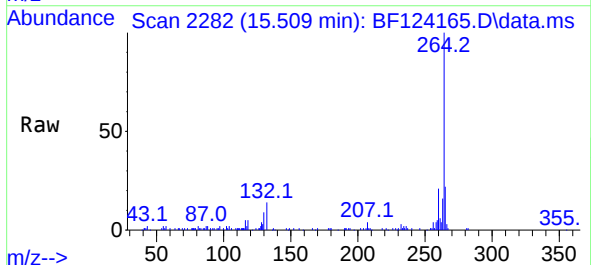
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.193 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



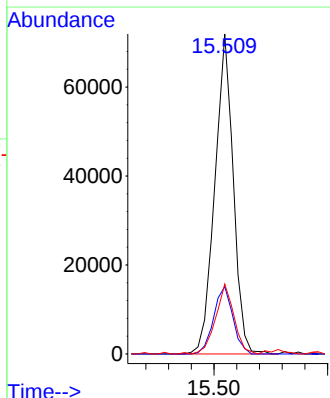
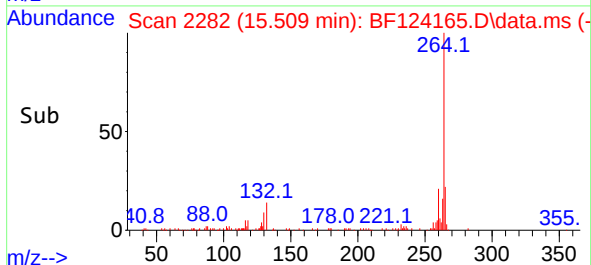
Tgt Ion:149 Resp: 16160
Ion Ratio Lower Upper
149 100
167 24.9 21.8 32.6
279 3.1 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.000 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



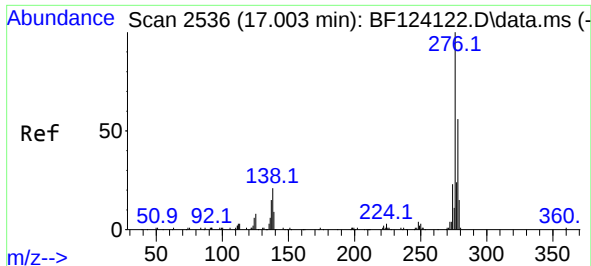
Tgt Ion:264 Resp: 81166
Ion Ratio Lower Upper
264 100
260 21.0 18.7 28.1
265 21.9 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
124042

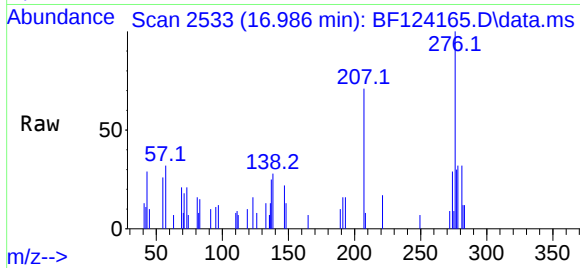
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.620 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.017 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

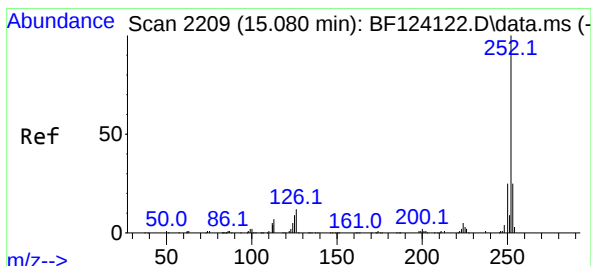
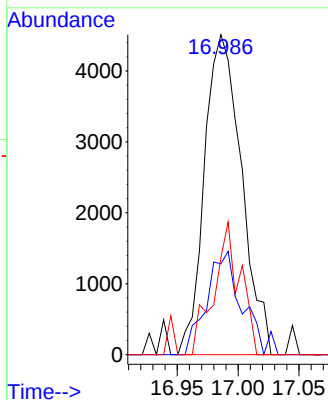
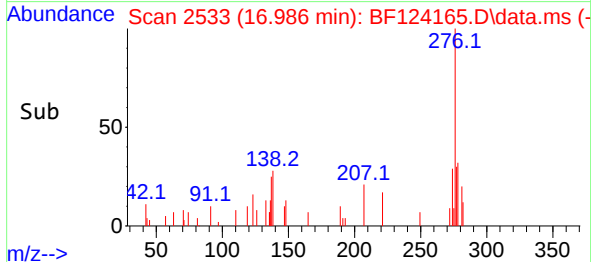
Instrument :
BNA_F
ClientSampleId :
124042



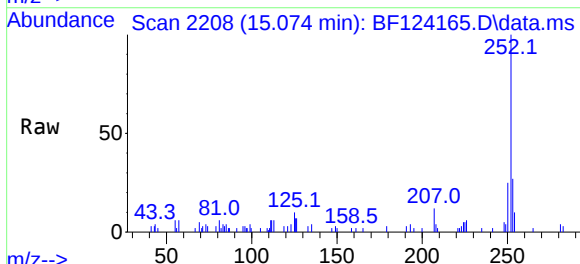
Tgt Ion:276 Resp: 9540
Ion Ratio Lower Upper
276 100
138 31.2 16.2 24.2#
277 29.6 20.1 30.1

Manual Integrations
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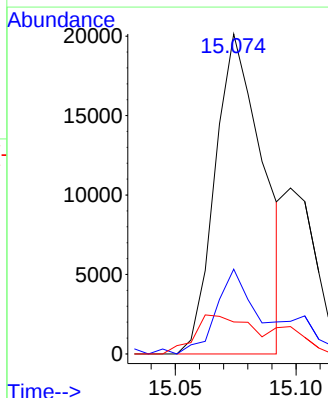
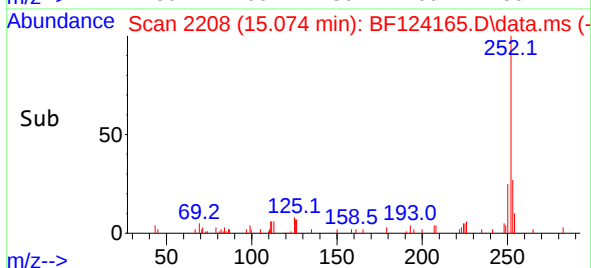
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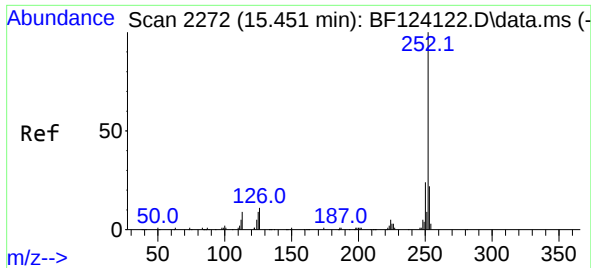


#88
Benzo(b)fluoranthene
Concen: 4.412 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45



Tgt Ion:252 Resp: 27817
Ion Ratio Lower Upper
252 100
253 26.5 18.1 27.1
125 10.0 6.2 9.4#





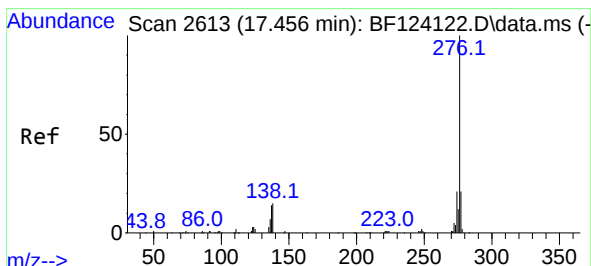
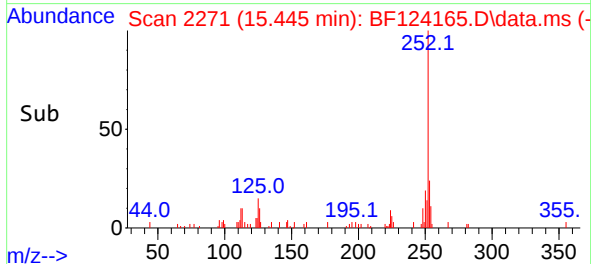
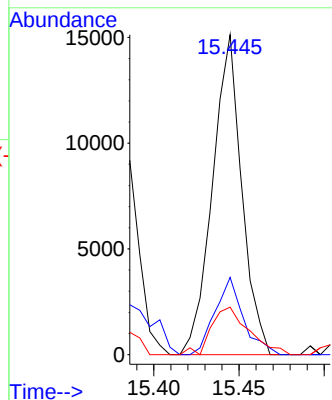
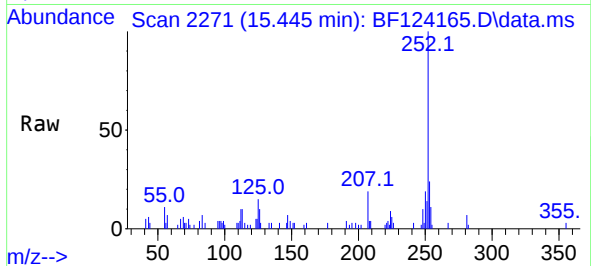
#90
Benzo(a)pyrene
Concen: 3.300 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:252 Resp: 18072
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 14.8 8.0 12.0#

Instrument :
BNA_F
ClientSampled :
124042

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.290 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.011 min
Lab File: BF124165.D
Acq: 7 Jun 2021 19:45

Tgt Ion:276 Resp: 9165
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.2
138 12.9 13.8 20.6#

