

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124988.D
 Acq On : 7 Aug 2021 22:50
 Operator : JU/CG
 Sample : M3293-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289

Manual Integrations
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Quant Time: Aug 08 09:11:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6696	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	26815	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	25372	20.000	ng	# 0.00
64) Phenanthrene-d10	11.368	188	18749	20.000	ng	# 0.02
76) Chrysene-d12	14.009	240	13584	20.000	ng	0.02
86) Perylene-d12	15.456	264	10476	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	17818	43.590	ng	0.00
7) Phenol-d6	6.457	99	21285	41.296	ng	0.00
23) Nitrobenzene-d5	7.392	82	13548	26.430	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	4122	18.185	ng	0.01
45) 2-Fluorobiphenyl	9.186	172	25732	14.840	ng	0.00
79) Terphenyl-d14	12.957	244	21056	26.147	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	8.133	128	10512	7.630	ng	97
37) 2-Methylnaphthalene	8.822	142	4722	5.098	ng	88
38) 1-Methylnaphthalene	8.922	142	3918	4.520	ng	99
52) Acenaphthene	9.910	154	15496	11.187	ng	95
55) Dibenzofuran	10.074	168	54362m	25.112	ng	
58) Fluorene	10.427	166	18810	11.332	ng	95
71) Phenanthrene	11.404	178	122772	120.713	ng	98
72) Anthracene	11.451	178	35098	34.400	ng	98
73) Carbazole	11.598	167	12508	13.368	ng	# 85
75) Fluoranthene	12.598	202	112036	106.482	ng	96
78) Pyrene	12.827	202	85343	79.762	ng	96
81) Benzo(a)anthracene	13.998	228	38303	43.269	ng	97
83) Chrysene	14.033	228	31388	36.679	ng	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	11459	18.368	ng	# 91
88) Benzo(b)fluoranthene	15.033	252	31043m	42.202	ng	
89) Benzo(k)fluoranthene	15.056	252	11038m	16.496	ng	
90) Benzo(a)pyrene	15.398	252	20177	32.212	ng	97
91) Dibenzo(a,h)anthracene	16.915	278	2809	5.121	ng	# 84
92) Benzo(g,h,i)perylene	17.350	276	9816	18.656	ng	90

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

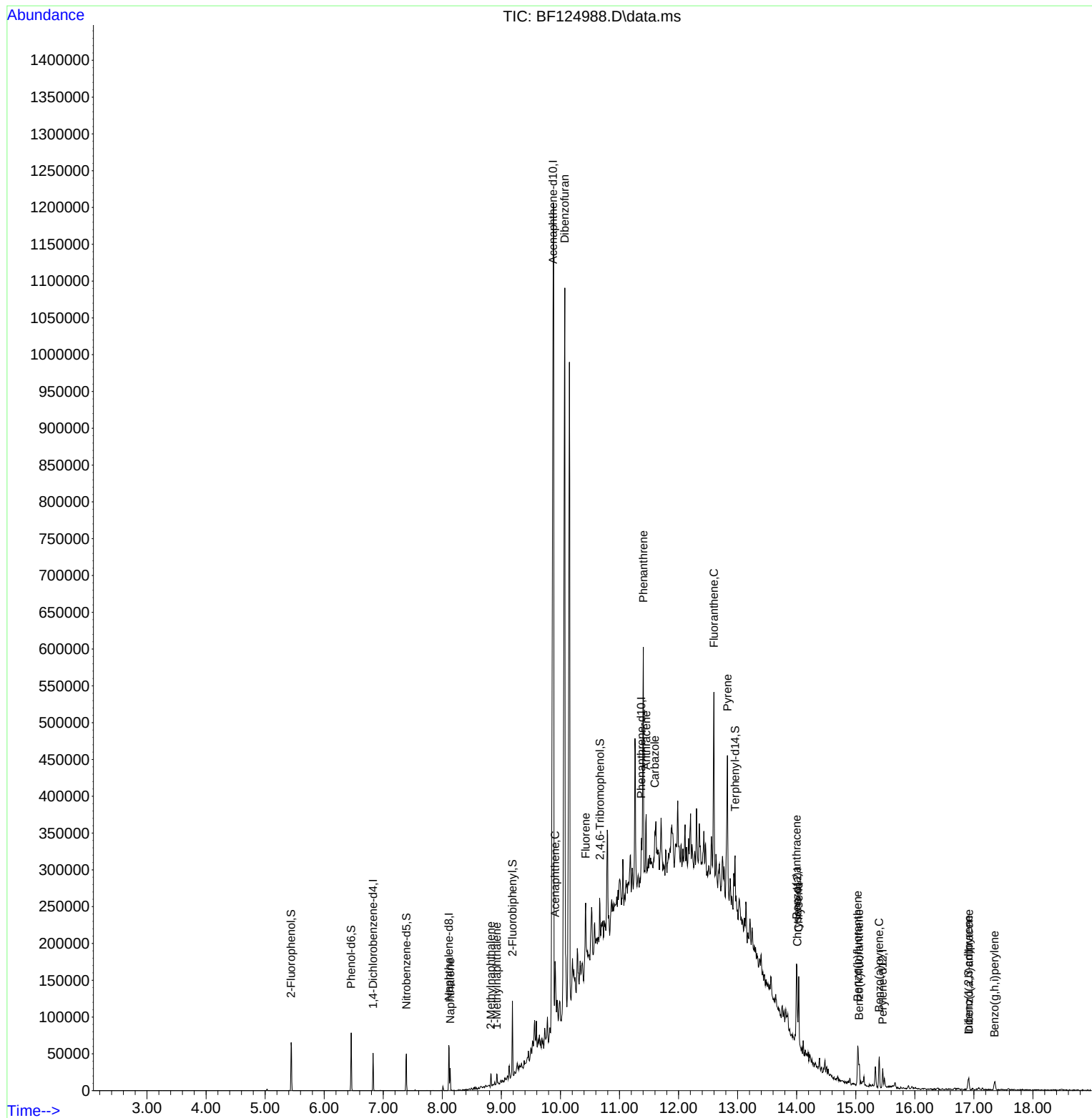
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124988.D
Acq On : 7 Aug 2021 22:50
Operator : JU/CG
Sample : M3293-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

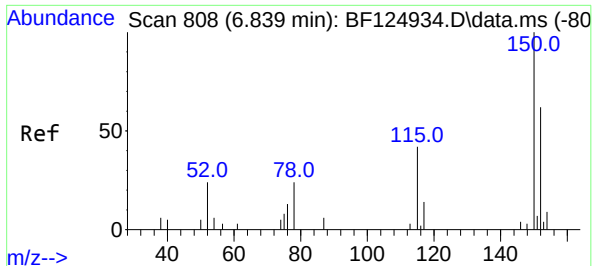
Instrument :
BNA_F
ClientSampled :
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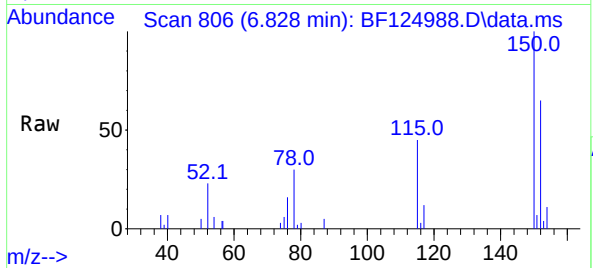
Quant Time: Aug 08 09:11:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

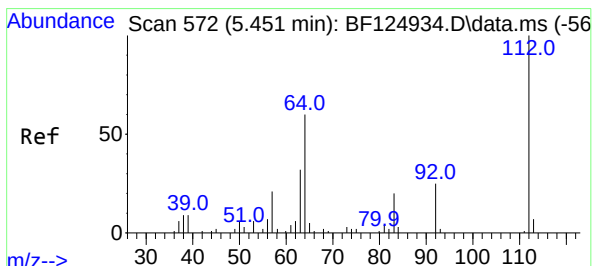
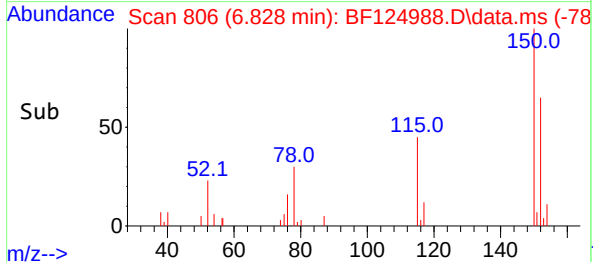
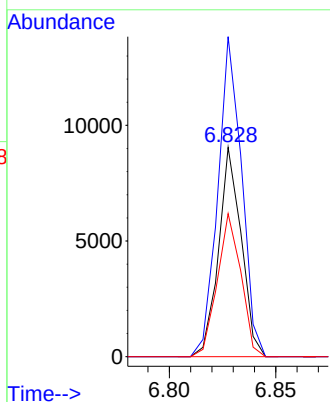
Instrument :
BNA_F
ClientSampled :
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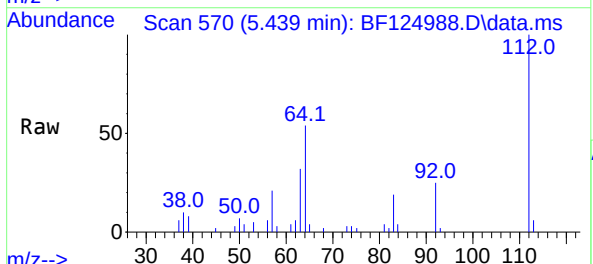
Tgt Ion:152 Resp: 6696
Ion Ratio Lower Upper
152 100
150 152.9 117.6 176.4
115 68.3 47.1 70.7

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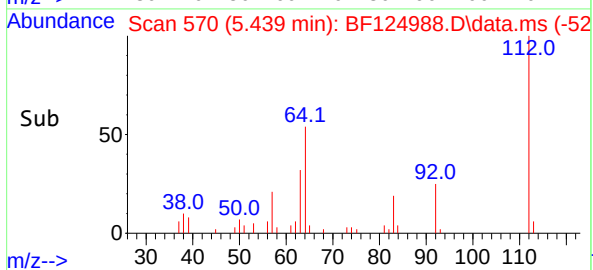
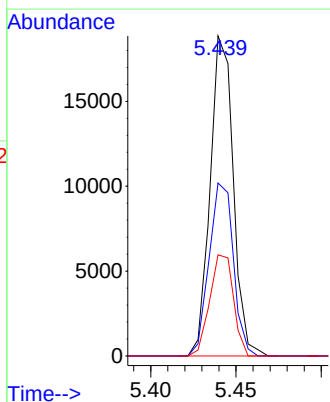
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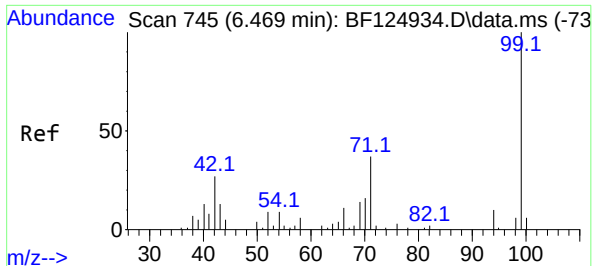


#5
2-Fluorophenol
Concen: 43.590 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



Tgt Ion:112 Resp: 17818
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 31.6 26.2 39.2





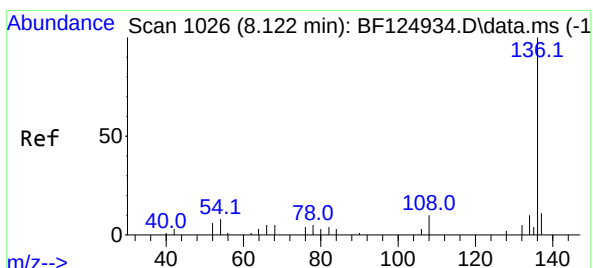
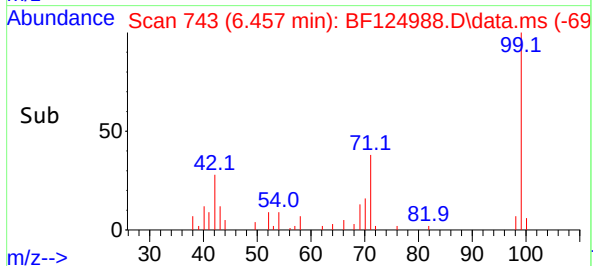
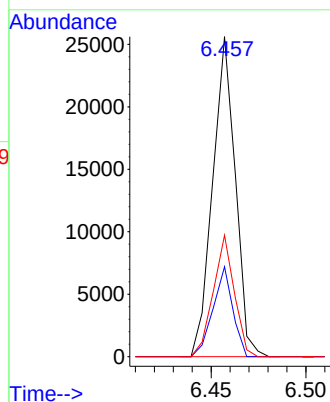
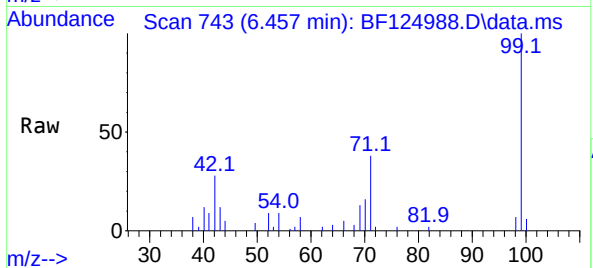
#7
Phenol-d6
Concen: 41.296 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

Tgt Ion:	99	Resp:	21285
Ion	Ratio	Lower	Upper
99	100		
42	28.1	23.5	35.3
71	37.9	25.6	38.4

Instrument :
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ClientSampled :
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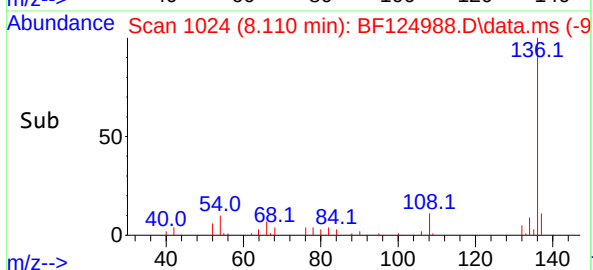
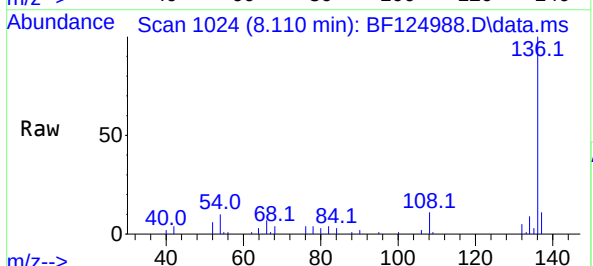
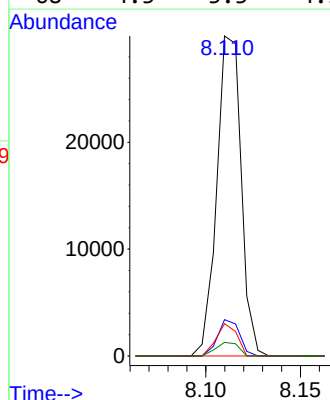
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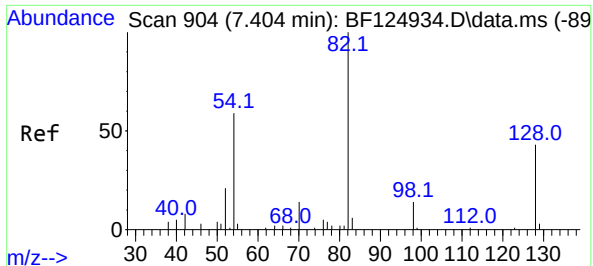
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

Tgt Ion:	136	Resp:	26815
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	10.1	6.4	9.6#
68	4.3	3.3	4.9





#23

Nitrobenzene-d5

Concen: 26.430 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124988.D

Acq: 7 Aug 2021 22:50

Tgt Ion:	82	Resp:	13548
Ion	Ratio	Lower	Upper
82	100		
128	44.8	40.6	60.8
54	56.2	49.6	74.4

Instrument :

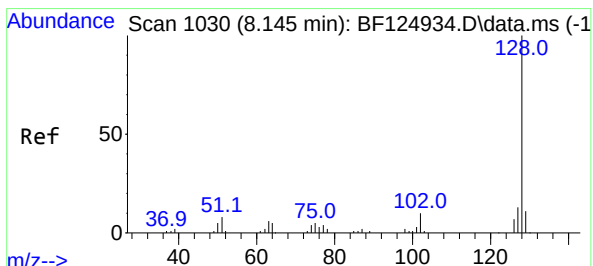
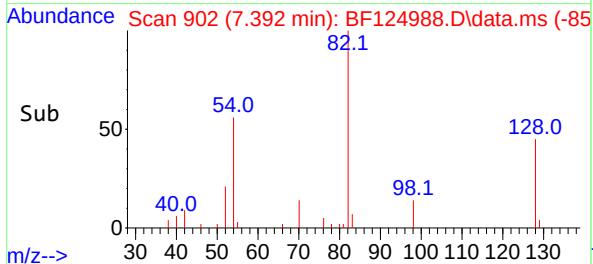
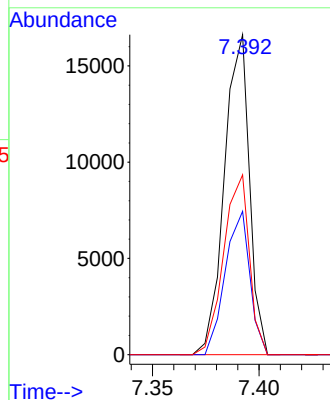
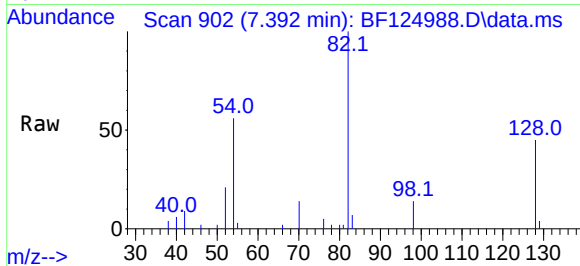
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#31

Naphthalene

Concen: 7.630 ng

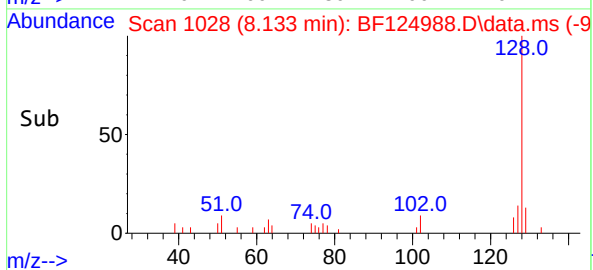
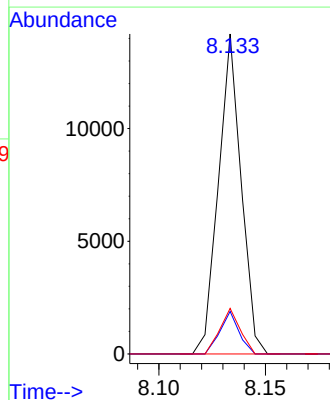
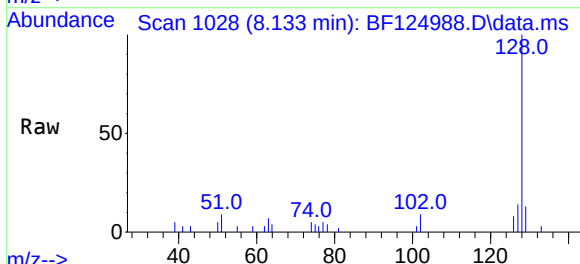
RT: 8.133 min Scan# 1028

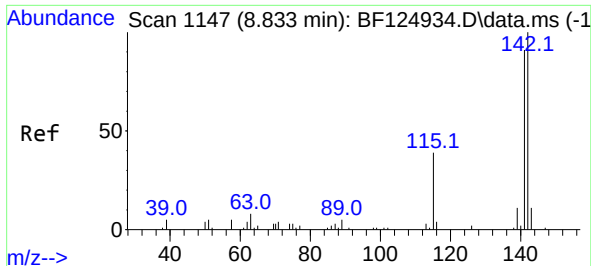
Delta R.T. 0.000 min

Lab File: BF124988.D

Acq: 7 Aug 2021 22:50

Tgt Ion:	128	Resp:	10512
Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.4	14.0
127	14.2	10.9	16.3





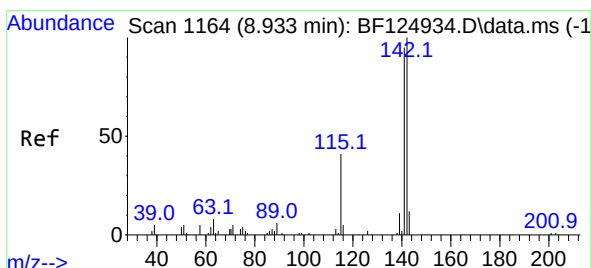
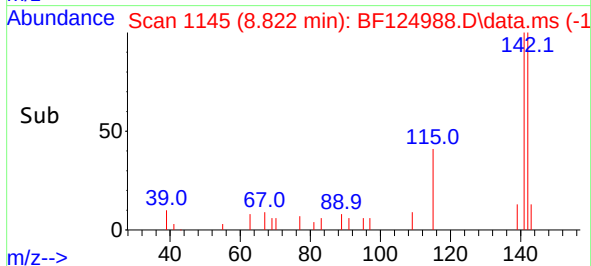
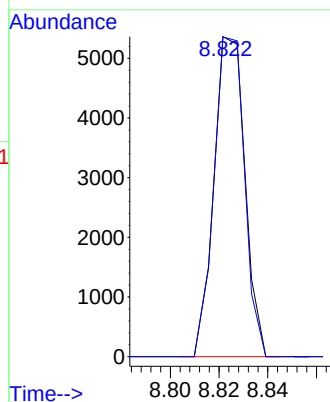
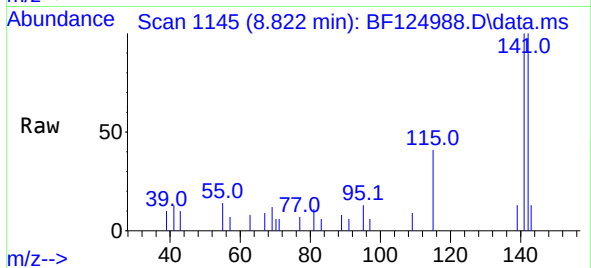
#37
2-Methylnaphthalene
Concen: 5.098 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

Instrument :
BNA_F
ClientSampled :
289

Tgt Ion:142 Resp: 4722
Ion Ratio Lower Upper
142 100
141 99.9 71.2 106.8

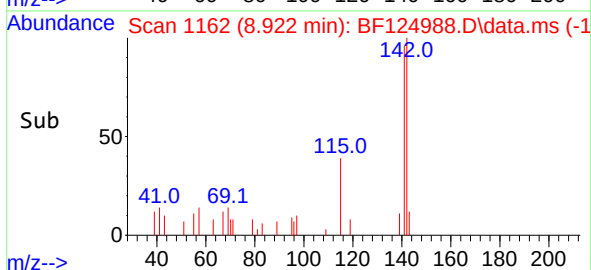
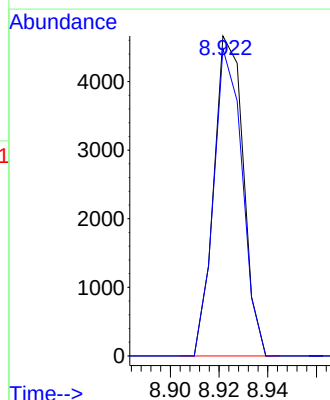
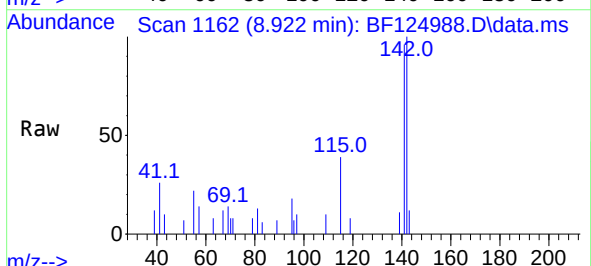
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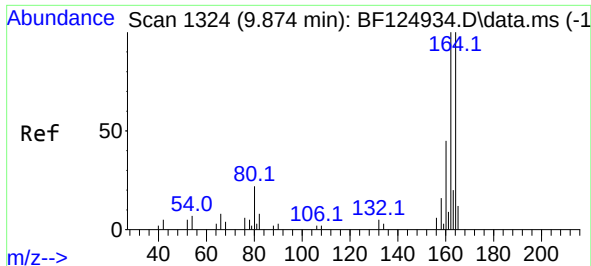
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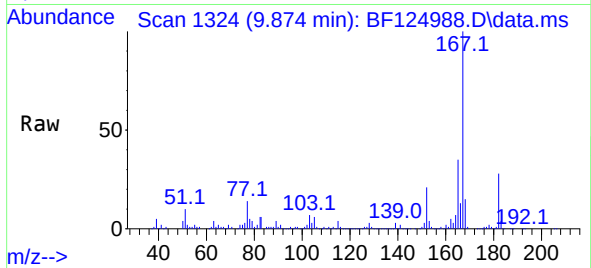
#38
1-Methylnaphthalene
Concen: 4.520 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

Tgt Ion:142 Resp: 3918
Ion Ratio Lower Upper
142 100
141 96.0 76.0 114.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

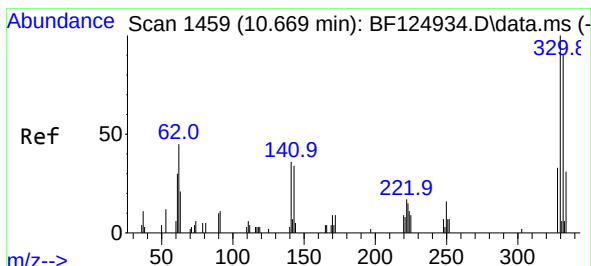
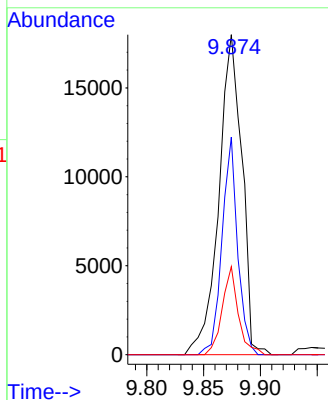
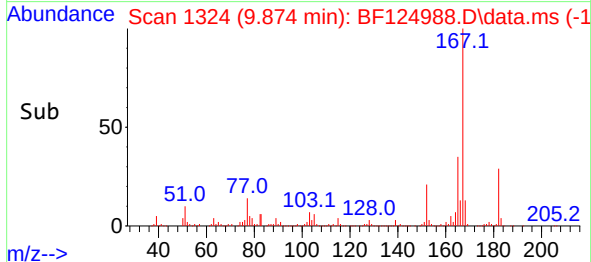


Tgt Ion:164 Resp: 25372
Ion Ratio Lower Upper
164 100
162 68.0 81.3 121.9#
160 27.5 38.0 57.0#

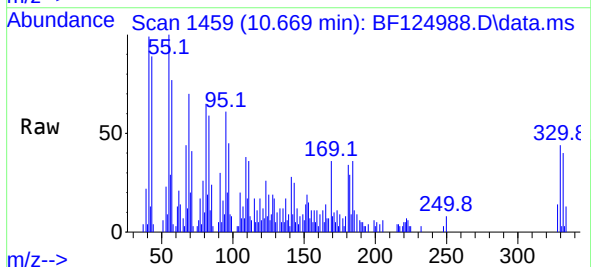
Instrument :
BNA_F
ClientSampled :
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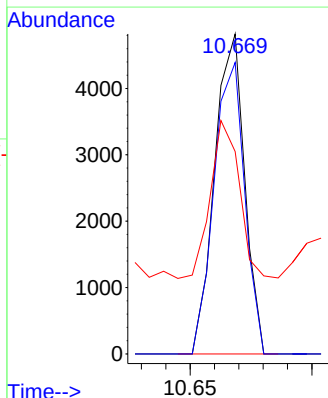
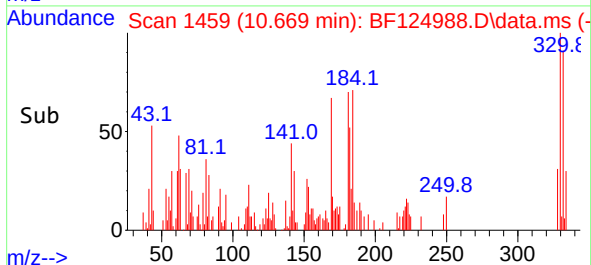
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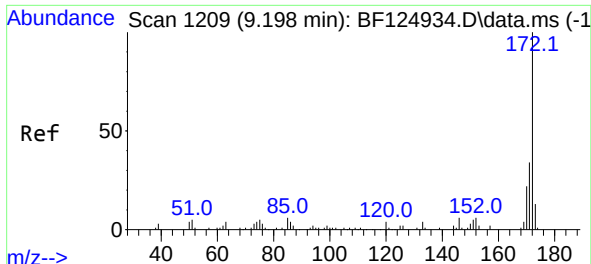


#42
2,4,6-Tribromophenol
Concen: 18.185 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.012 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



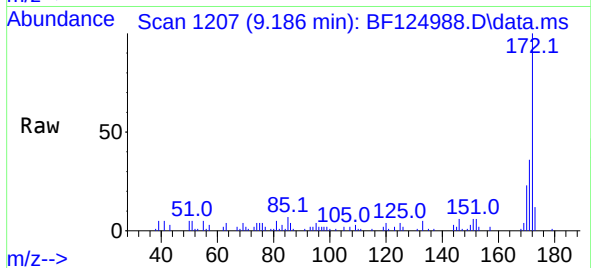
Tgt Ion:330 Resp: 4122
Ion Ratio Lower Upper
330 100
332 93.3 76.2 114.4
141 47.4 44.6 66.8





#45
2-Fluorobiphenyl
Concen: 14.840 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

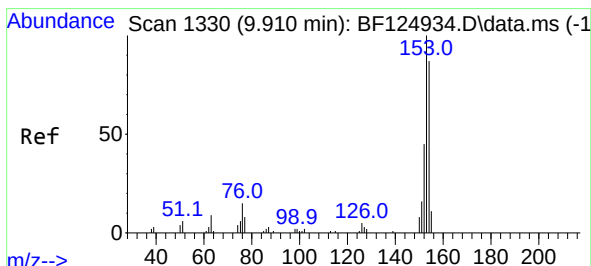
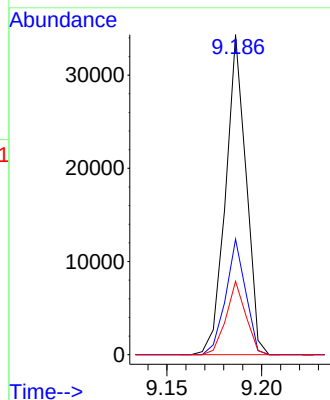
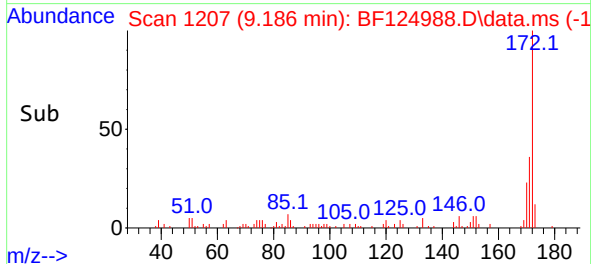
Instrument :
BNA_F
ClientSampled :
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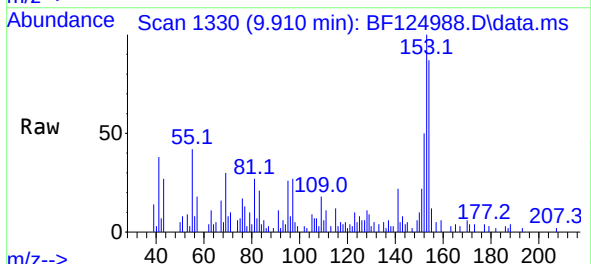
Tgt Ion:172 Resp: 25732
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 23.0 18.8 28.2

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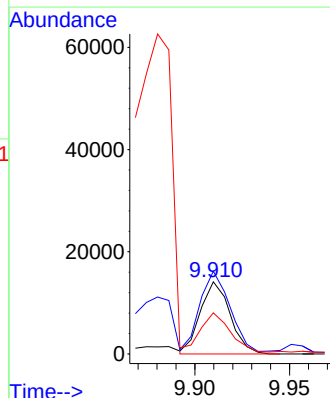
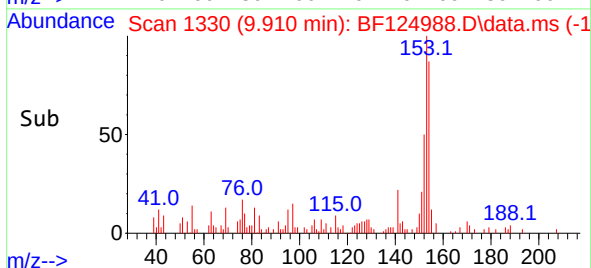
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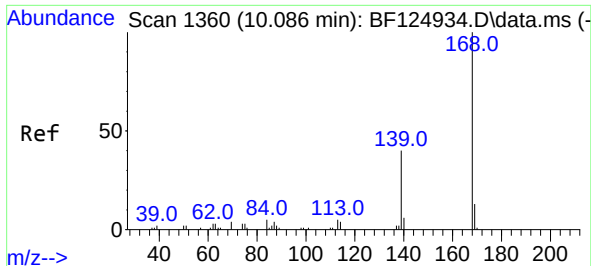


#52
Acenaphthene
Concen: 11.187 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



Tgt Ion:154 Resp: 15496
Ion Ratio Lower Upper
154 100
153 114.5 89.4 134.2
152 56.9 40.5 60.7





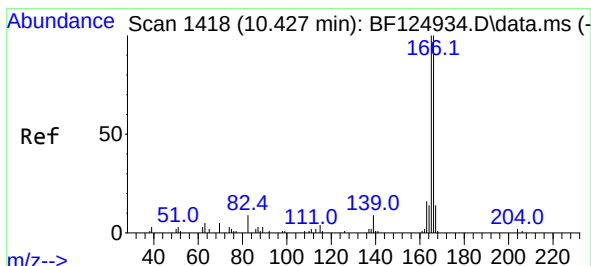
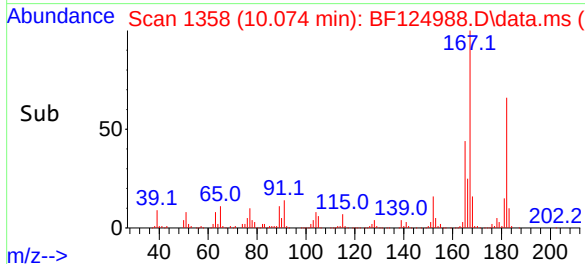
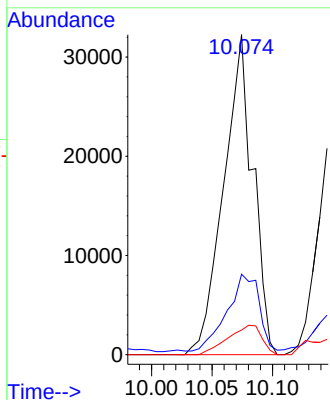
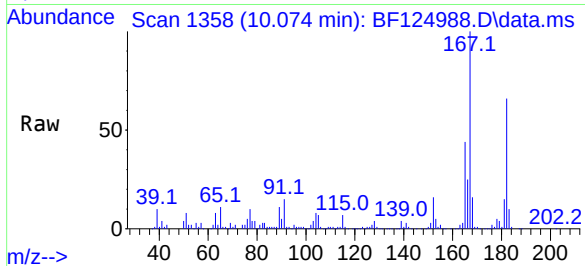
#55
Dibenzenofuran
Concen: 25.112 ng m
RT: 10.074 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

Tgt Ion:168 Resp: 54362
Ion Ratio Lower Upper
168 100
139 25.1 32.7 49.1#
169 7.7 11.2 16.8#

Instrument :
BNA_F
ClientSampled :
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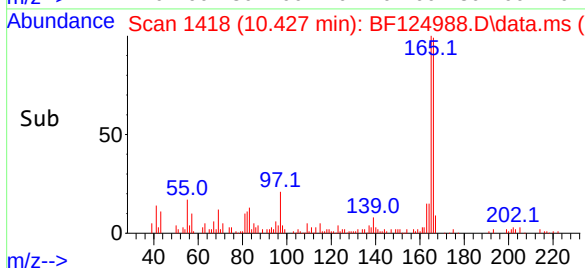
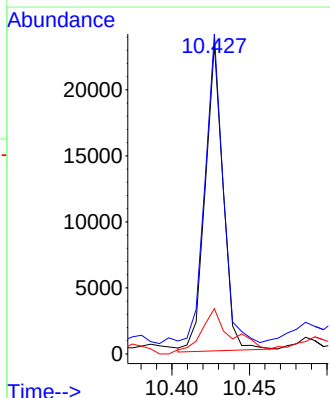
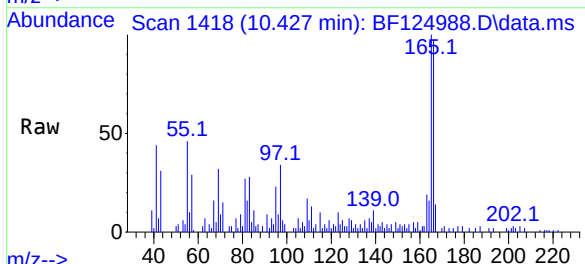
Manual Integrations
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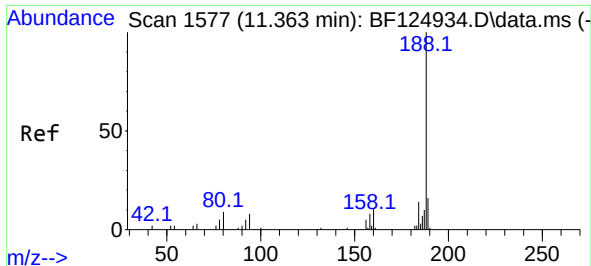
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#58
Fluorene
Concen: 11.332 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.012 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

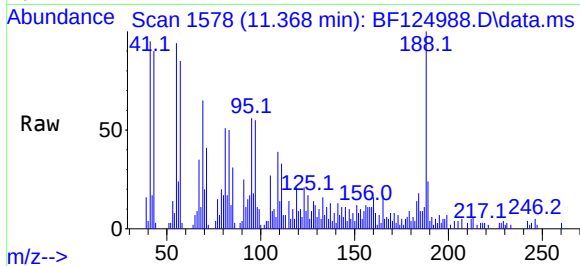
Tgt Ion:166 Resp: 18810
Ion Ratio Lower Upper
166 100
165 103.3 78.1 117.1
167 14.6 11.1 16.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. 0.018 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

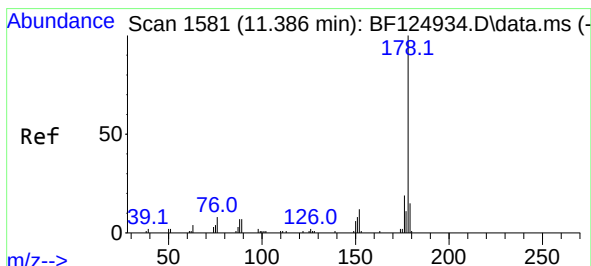
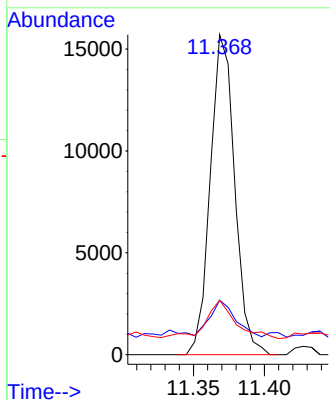
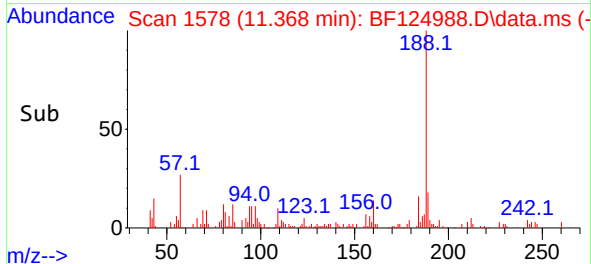
Instrument :
BNA_F
ClientSampled :
289



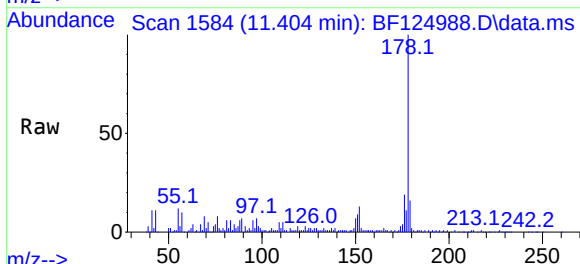
Tgt Ion:188 Resp: 18749
Ion Ratio Lower Upper
188 100
94 17.0 6.7 10.1#
80 17.0 7.5 11.3#

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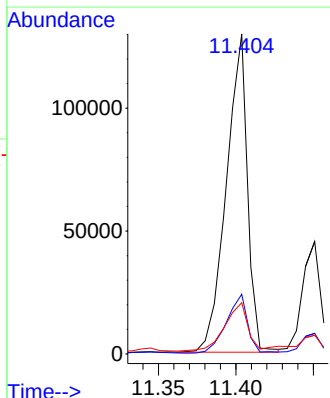
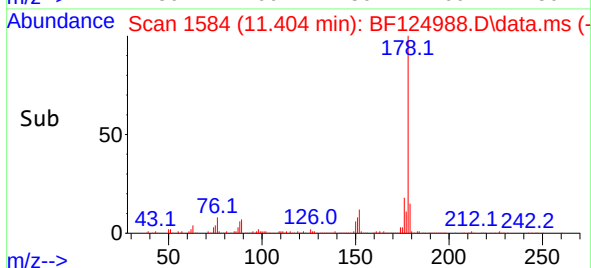
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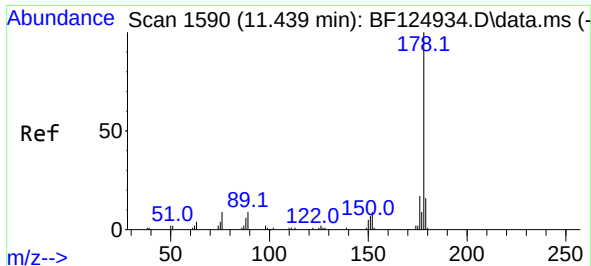


#71
Phenanthrene
Concen: 120.713 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.024 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



Tgt Ion:178 Resp: 122772
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 16.0 11.5 17.3





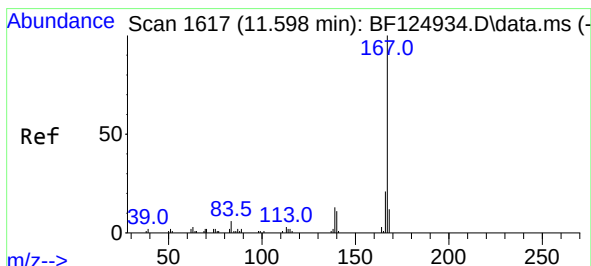
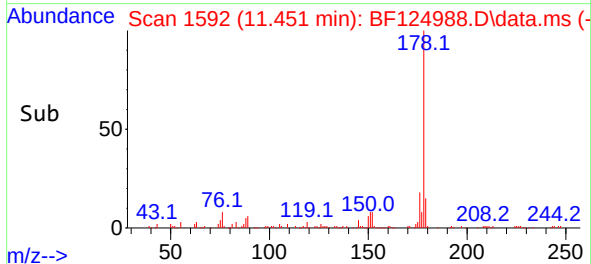
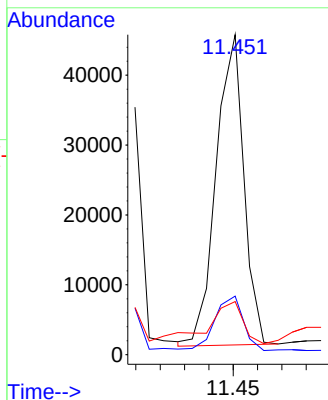
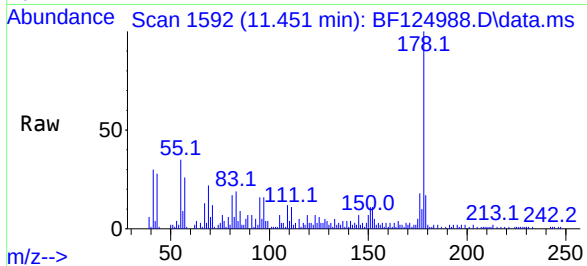
#72
 Anthracene
 Concen: 34.400 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. 0.018 min
 Lab File: BF124988.D
 Acq: 7 Aug 2021 22:50

Tgt Ion:178 Resp: 35098
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.3 21.5
 179 16.6 12.2 18.4

Instrument :
 BNA_F
 ClientSampled :
 289

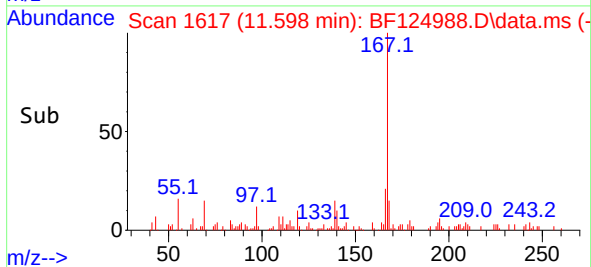
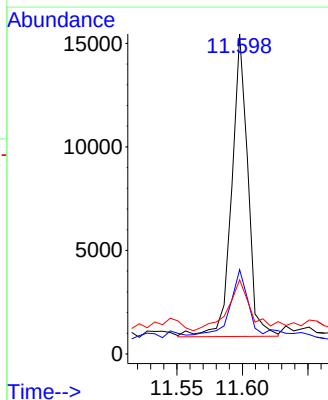
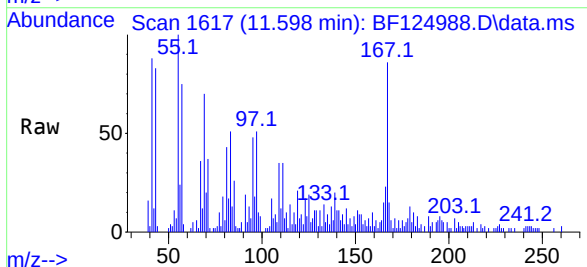
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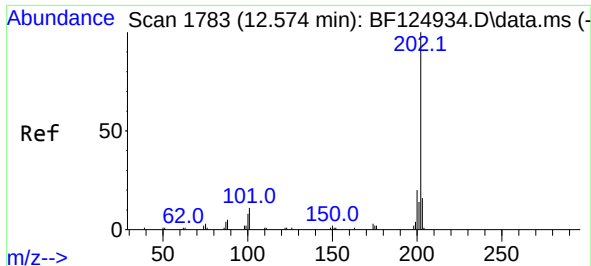
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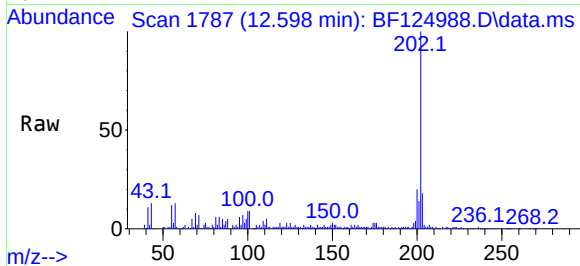
#73
 Carbazole
 Concen: 13.368 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.012 min
 Lab File: BF124988.D
 Acq: 7 Aug 2021 22:50

Tgt Ion:167 Resp: 12508
 Ion Ratio Lower Upper
 167 100
 166 26.4 17.4 26.0#
 139 23.1 11.0 16.4#

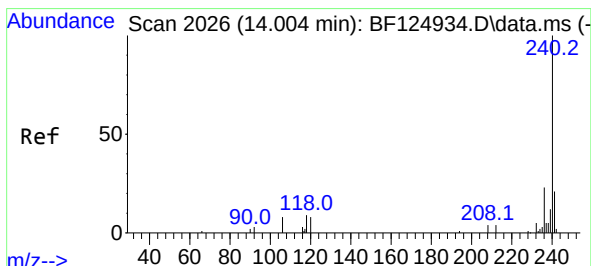
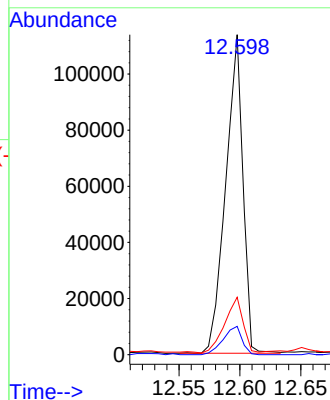
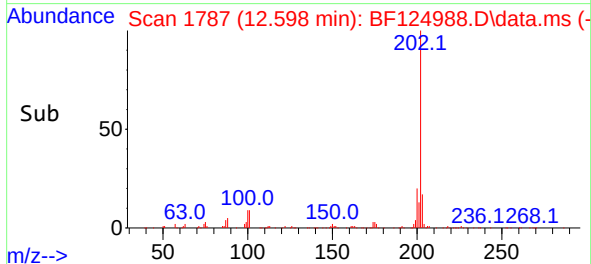




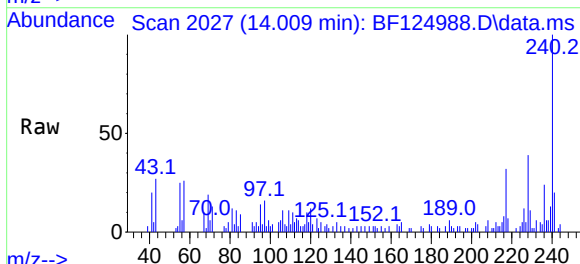
#75
Fluoranthene
Concen: 106.482 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.035 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



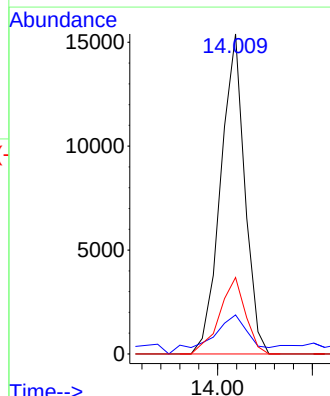
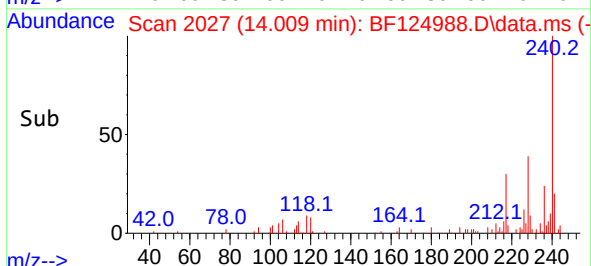
Tgt Ion:202 Resp: 112036
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.7
203 18.0 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. 0.018 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



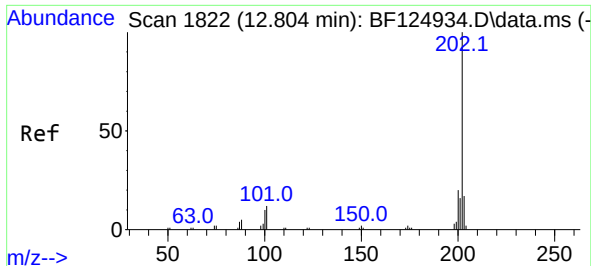
Tgt Ion:240 Resp: 13584
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 23.9 21.6 32.4



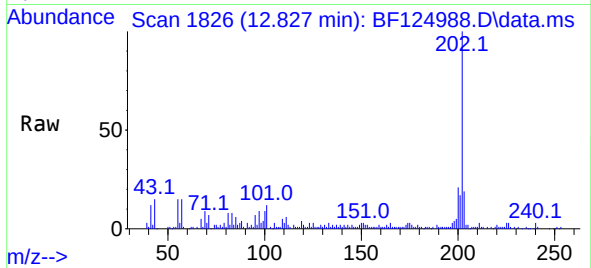
Instrument :
BNA_F
ClientSampled :
289

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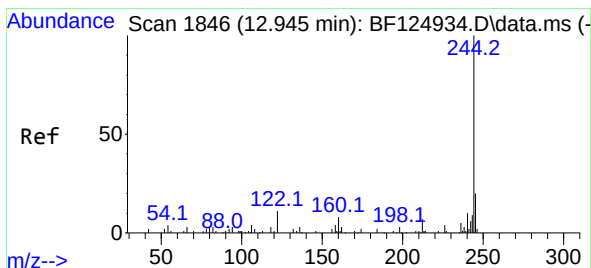
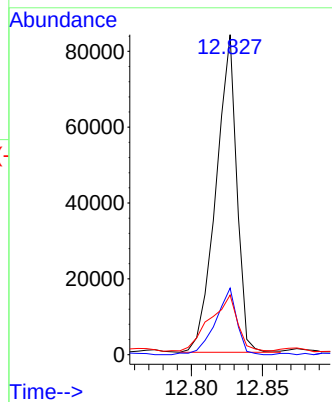
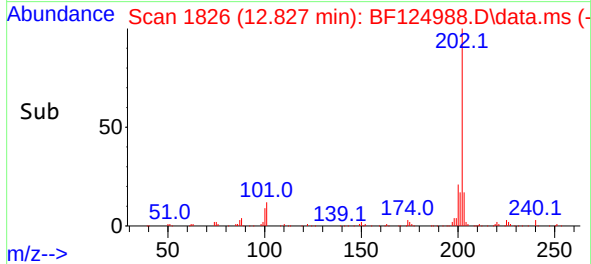
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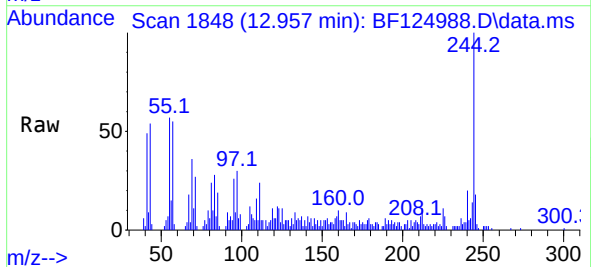
#78
Pyrene
Concen: 79.762 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.035 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



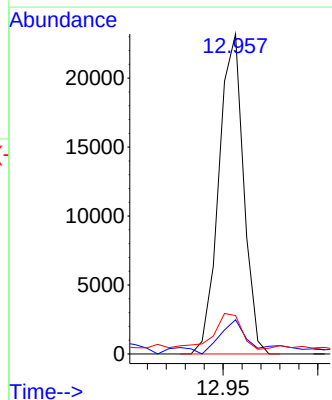
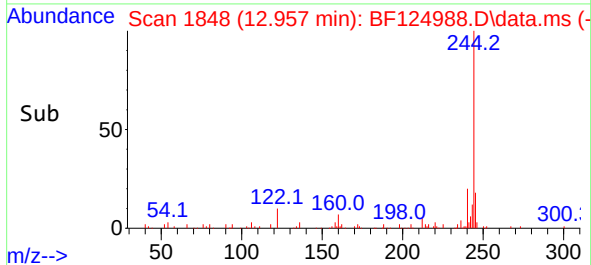
Tgt Ion:202 Resp: 85343
Ion Ratio Lower Upper
202 100
200 20.8 15.3 22.9
203 18.6 13.4 20.0



#79
Terphenyl-d14
Concen: 26.147 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.018 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



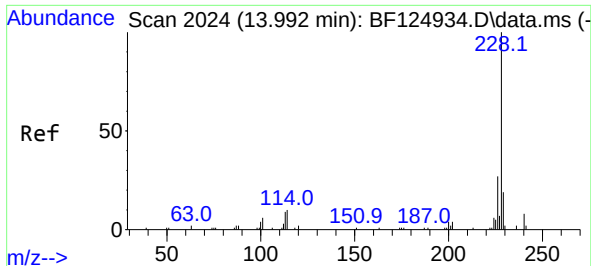
Tgt Ion:244 Resp: 21056
Ion Ratio Lower Upper
244 100
212 10.7 5.9 8.9#
122 12.0 9.0 13.4



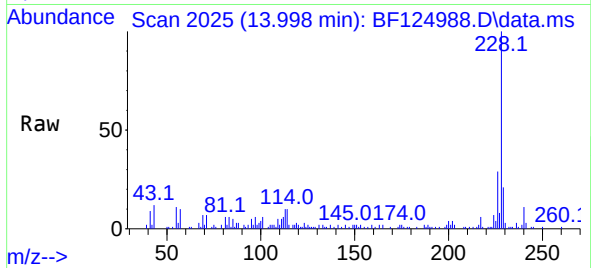
Instrument :
BNA_F
ClientSampled :
289

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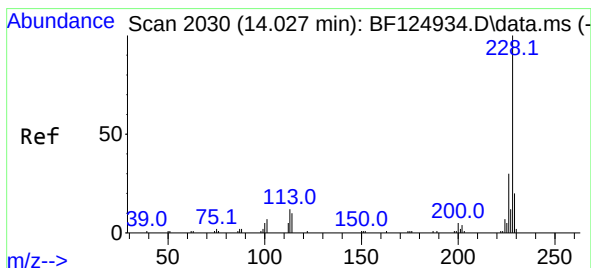
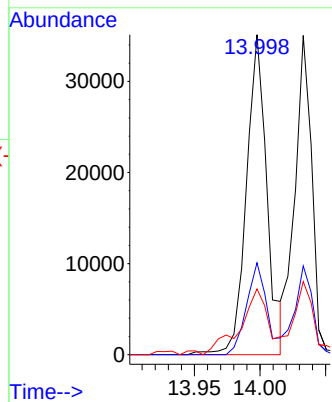
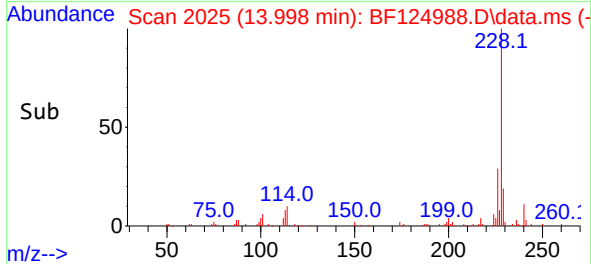
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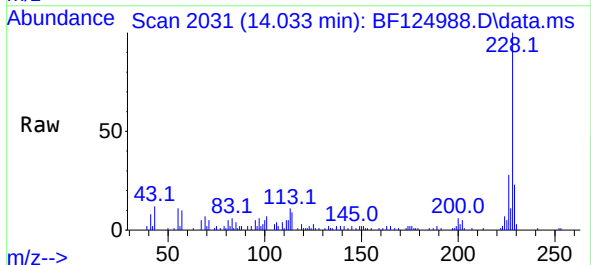
#81
Benzo(a)anthracene
Concen: 43.269 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.018 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



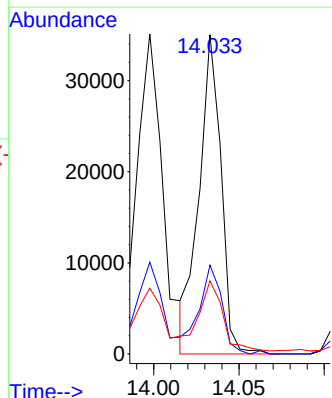
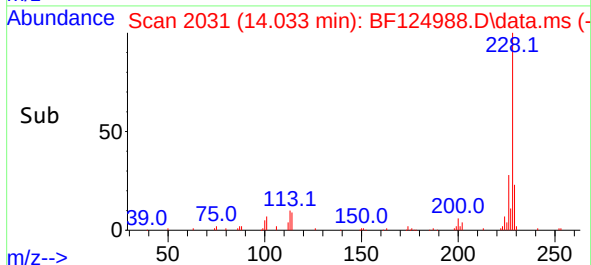
Tgt Ion:228 Resp: 38303
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 20.6 15.6 23.4



#83
Chrysene
Concen: 36.679 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



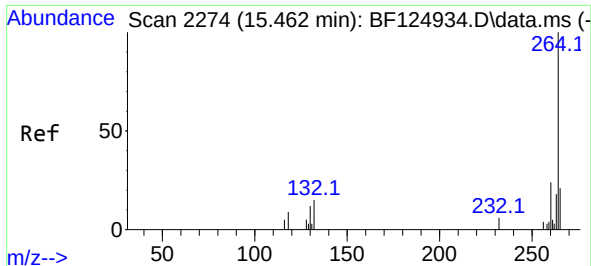
Tgt Ion:228 Resp: 31388
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 22.9 15.9 23.9



Instrument :
BNA_F
ClientSampled :
289

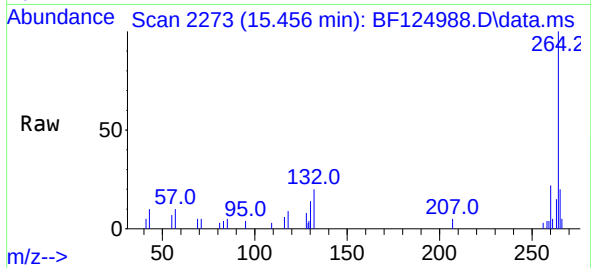
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

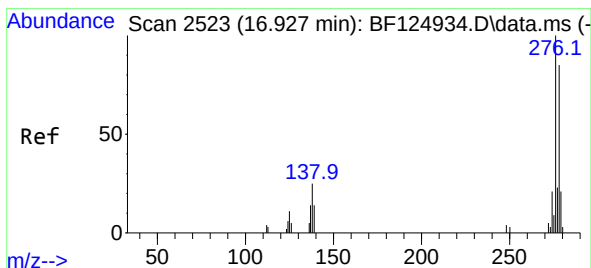
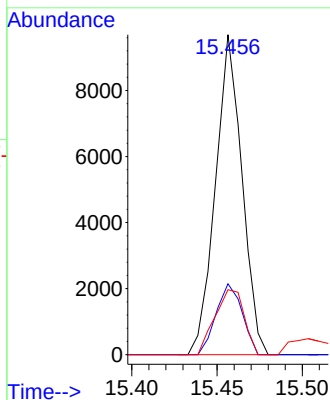
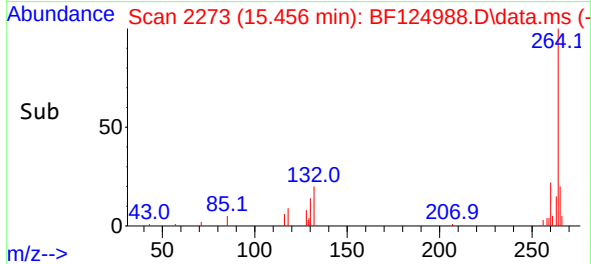
Instrument :
BNA_F
ClientSampled :
289



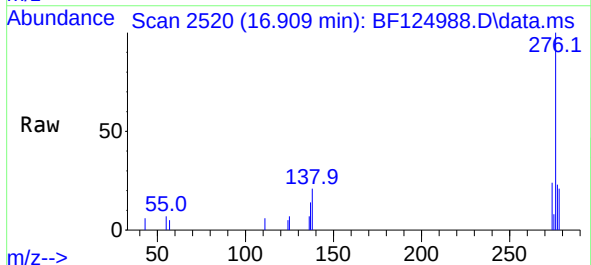
Tgt Ion:264 Resp: 10476
Ion Ratio Lower Upper
264 100
260 22.1 19.6 29.4
265 20.3 17.2 25.8

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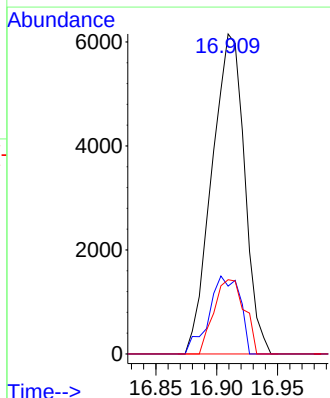
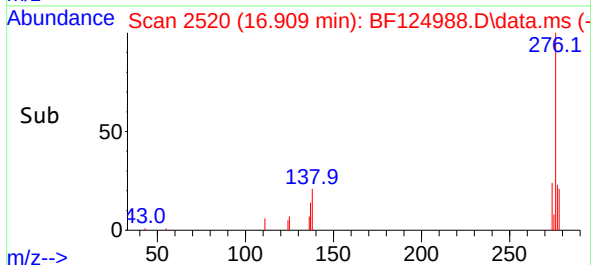
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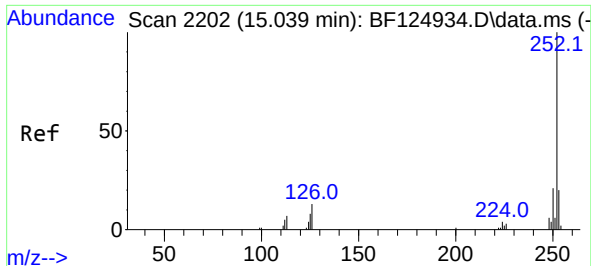


#87
Indeno(1,2,3-cd)pyrene
Concen: 18.368 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

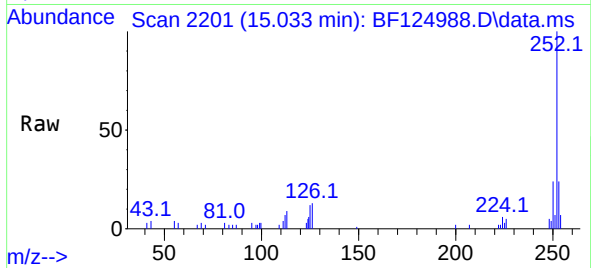


Tgt Ion:276 Resp: 11459
Ion Ratio Lower Upper
276 100
138 23.1 24.1 36.1#
277 21.6 18.8 28.2

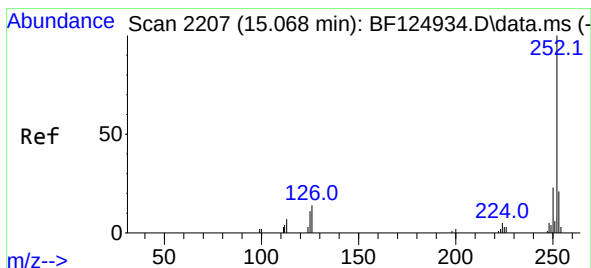
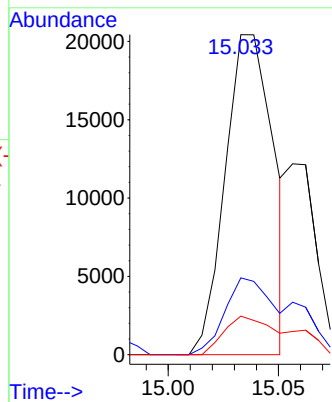
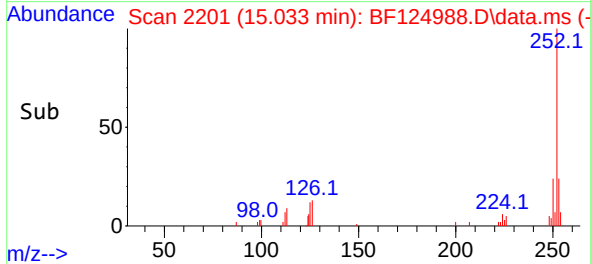




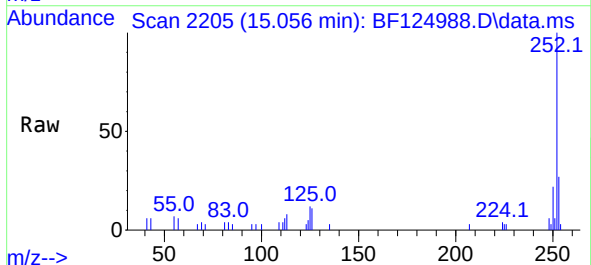
#88
Benzo(b)fluoranthene
Concen: 42.202 ng m
RT: 15.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



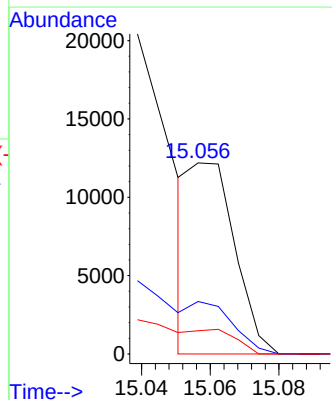
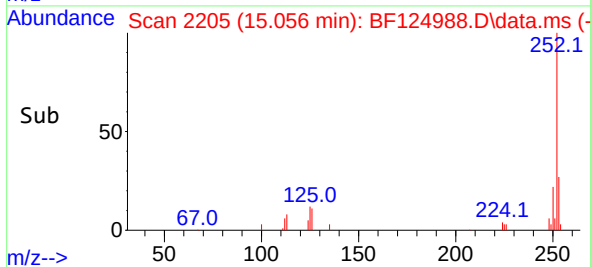
Tgt Ion:252 Resp: 31043
Ion Ratio Lower Upper
252 100
253 24.0 16.8 25.2
125 12.0 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 16.496 ng m
RT: 15.056 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



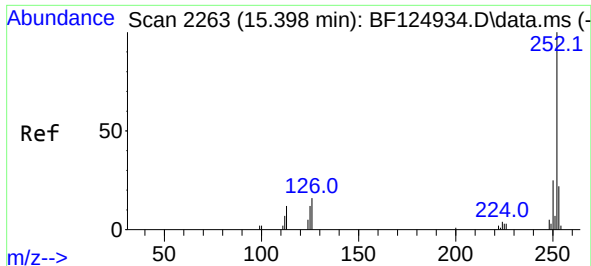
Tgt Ion:252 Resp: 11038
Ion Ratio Lower Upper
252 100
253 27.5 17.8 26.8#
125 12.1 7.2 10.8#



Instrument :
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ClientSampled :
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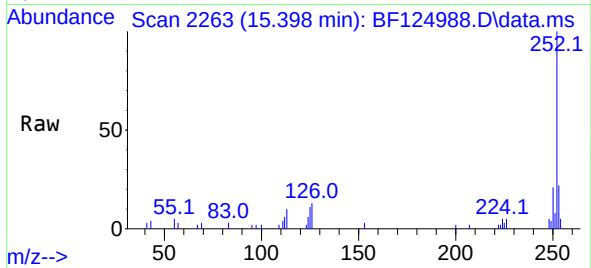
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#90
Benzo(a)pyrene
Concen: 32.212 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

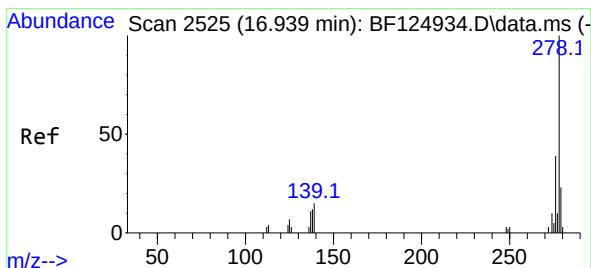
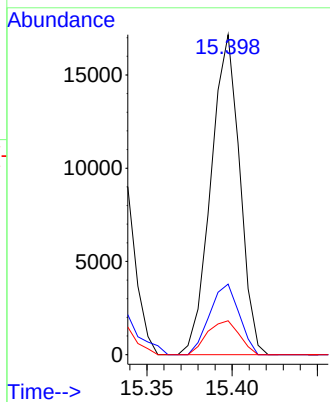
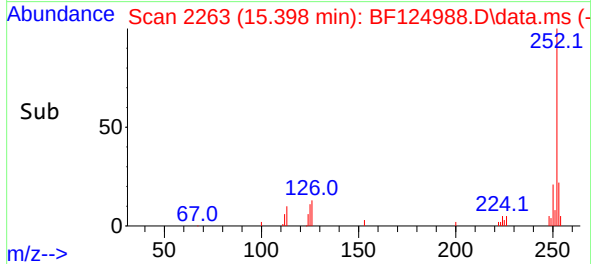
Instrument :
BNA_F
ClientSampled :
289



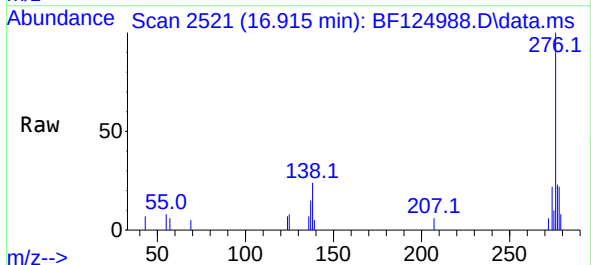
Tgt Ion:252 Resp: 20177
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 10.6 9.9 14.9

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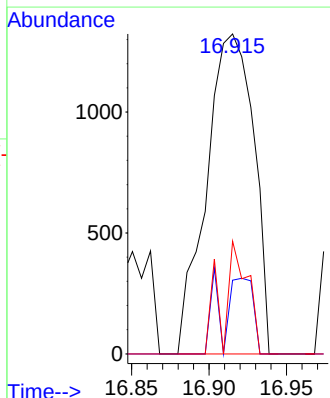
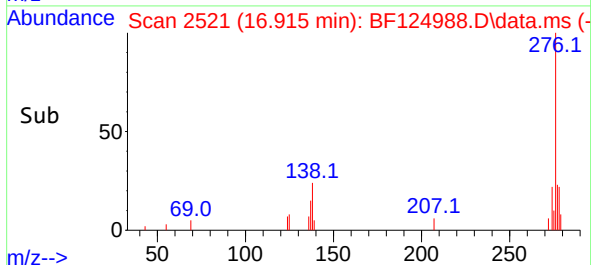
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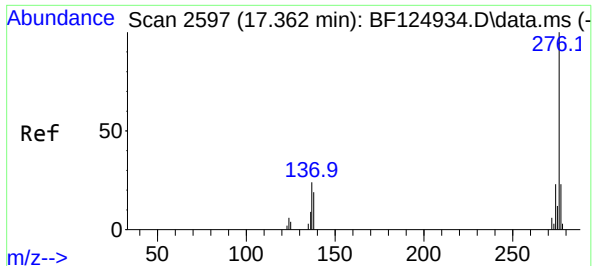


#91
Dibenzo(a,h)anthracene
Concen: 5.121 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.000 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50



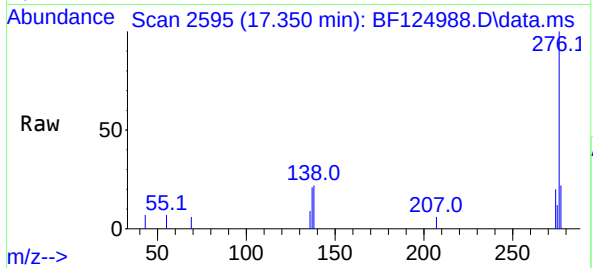
Tgt Ion:278 Resp: 2809
Ion Ratio Lower Upper
278 100
139 23.1 14.9 22.3#
279 35.2 19.7 29.5#





#92
Benzo(g,h,i)perylene
Concen: 18.656 ng
RT: 17.350 min Scan# 2595
Delta R.T. 0.012 min
Lab File: BF124988.D
Acq: 7 Aug 2021 22:50

Instrument :
BNA_F
ClientSampled :
289



Tgt Ion:	276	Resp:	9816
Ion Ratio	Lower	Upper	
276	100		
277	22.2	22.0	33.0
138	22.4	22.2	33.4

Manual Integrations
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