

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124079.D
 Acq On : 26 May 2021 23:25
 Operator : JU/CG
 Sample : M2535-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-5

Manual Integrations
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Quant Time: May 27 04:54:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	53813	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	198084	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	109970	20.00	ng	-0.01
64) Phenanthrene-d10	11.421	188	188046	20.00	ng	0.00
76) Chrysene-d12	14.062	240	111753	20.00	ng	0.00
86) Perylene-d12	15.556	264	106102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	299002	78.01	ng	0.01
7) Phenol-d6	6.522	99	373010	75.02	ng	0.00
23) Nitrobenzene-d5	7.451	82	291449	63.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	103786	78.58	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	511762	57.27	ng	-0.01
79) Terphenyl-d14	13.010	244	409843	55.54	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.198	128	35148	3.00	ng	98
50) Dimethylphthalate	9.639	163	56416	6.42	ng	97
55) Dibenzofuran	10.133	168	23188	2.07	ng	# 90
58) Fluorene	10.480	166	19205	2.28	ng	97
71) Phenanthrene	11.445	178	215263	18.06	ng	98
72) Anthracene	11.492	178	54192	4.49	ng	99
73) Carbazole	11.645	167	23589	2.23	ng	# 89
75) Fluoranthene	12.633	202	163345	13.24	ng	98
78) Pyrene	12.863	202	120273	12.12	ng	97
81) Benzo(a)anthracene	14.051	228	57979	7.17	ng	94
83) Chrysene	14.086	228	48887	6.29	ng	96
87) Indeno(1,2,3-cd)pyrene	17.056	276	20546m	2.51	ng	
88) Benzo(b)fluoranthene	15.115	252	52086m	6.35	ng	
89) Benzo(k)fluoranthene	15.145	252	19510m	2.61	ng	
90) Benzo(a)pyrene	15.492	252	37352	5.26	ng	97
92) Benzo(g,h,i)perylene	17.509	276	18271	2.64	ng	# 91

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

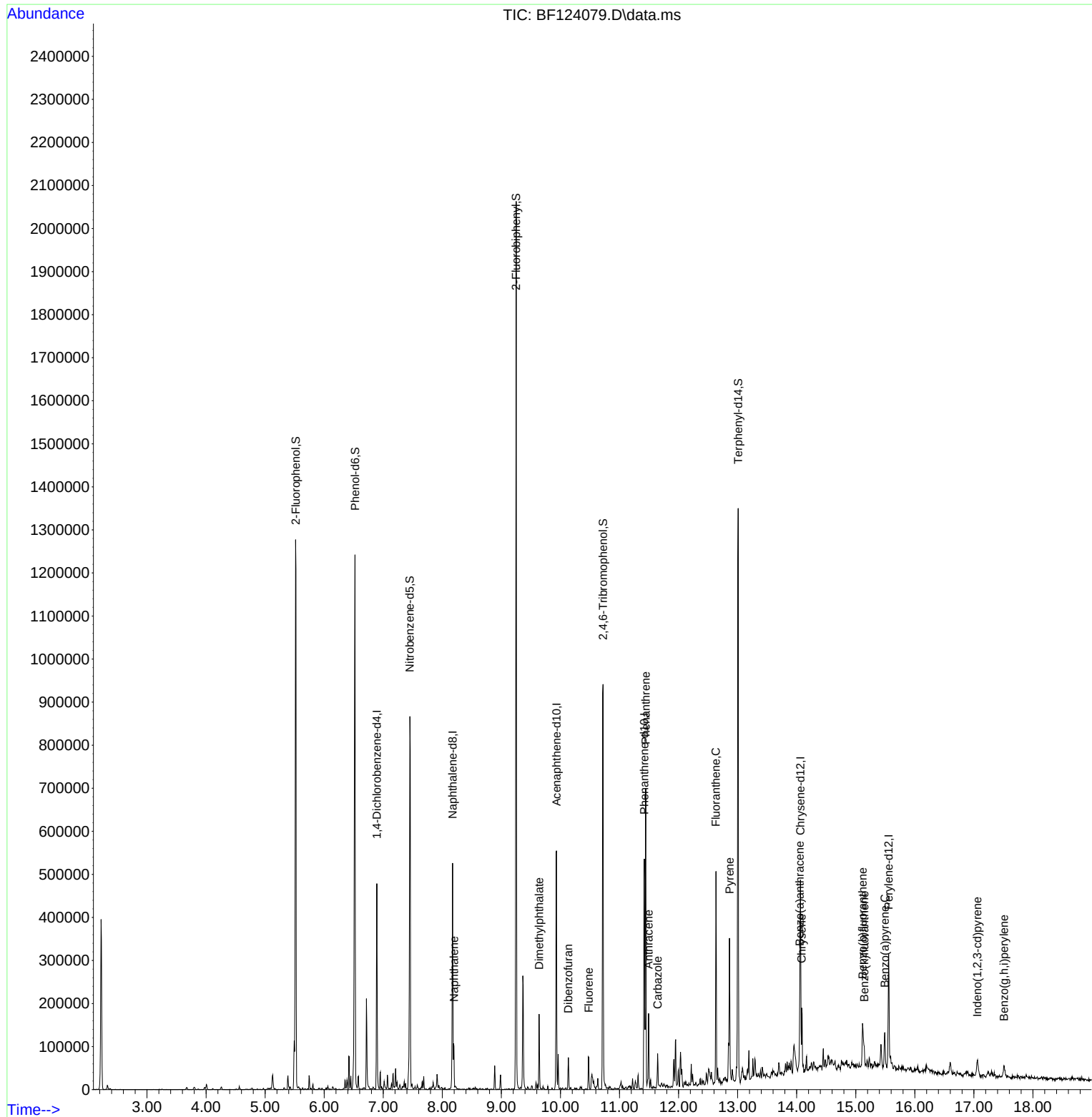
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124079.D
Acq On : 26 May 2021 23:25
Operator : JU/CG
Sample : M2535-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

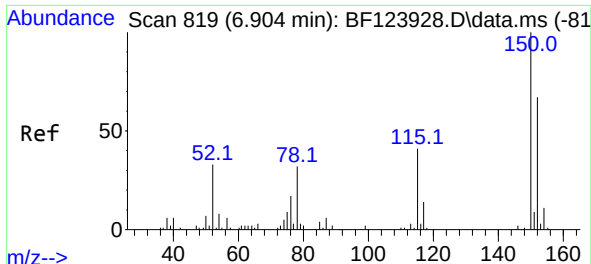
Instrument :
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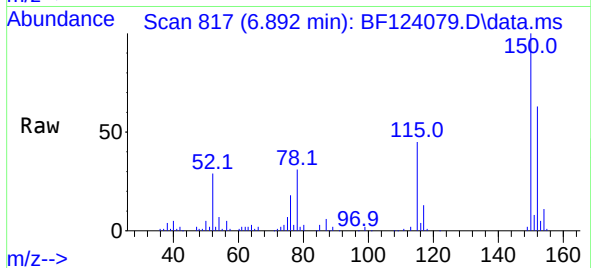
Quant Time: May 27 04:54:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

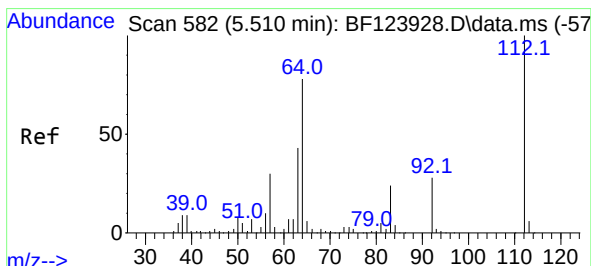
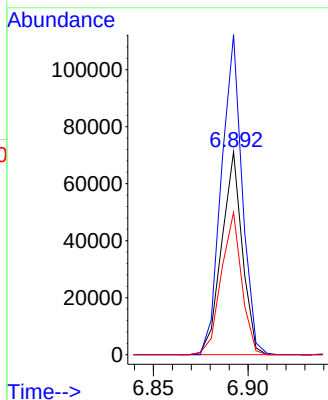
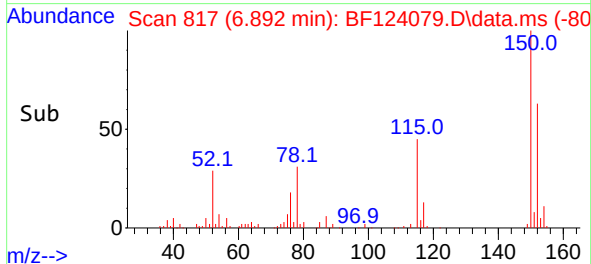
Instrument :
BNA_F
ClientSampled :
GHOST-5



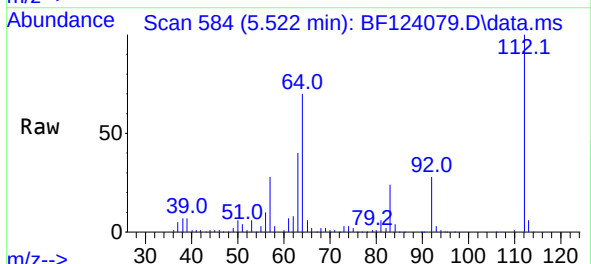
Tgt Ion:152 Resp: 53813
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 70.2 54.3 81.5

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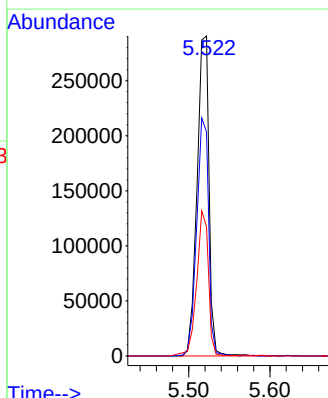
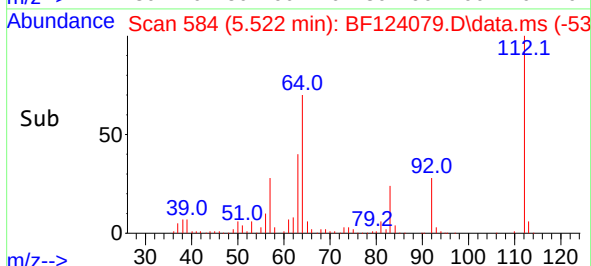
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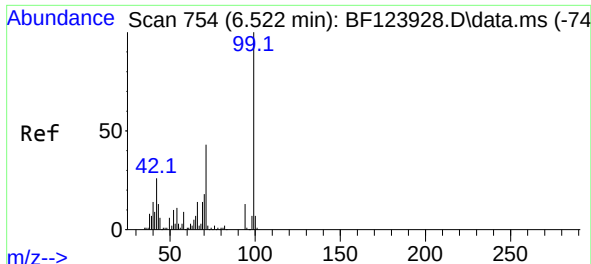


#5
2-Fluorophenol
Concen: 78.01 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25



Tgt Ion:112 Resp: 299002
Ion Ratio Lower Upper
112 100
64 70.0 61.4 92.0
63 40.4 33.0 49.4





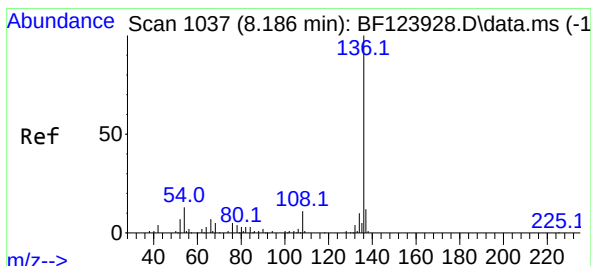
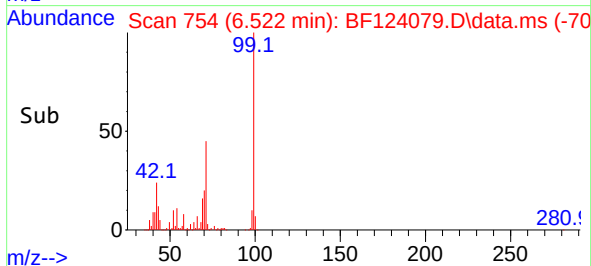
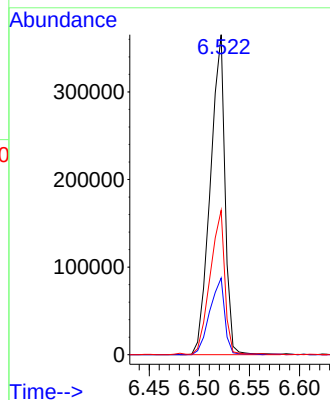
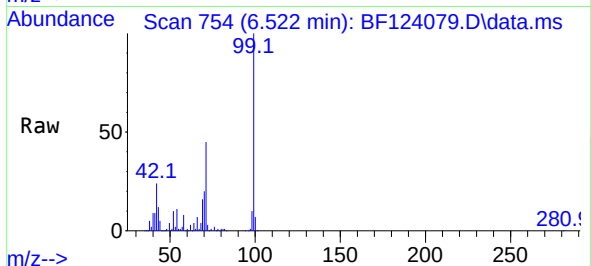
#7
Phenol-d6
Concen: 75.02 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion: 99 Resp: 373010
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.8
71 45.1 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
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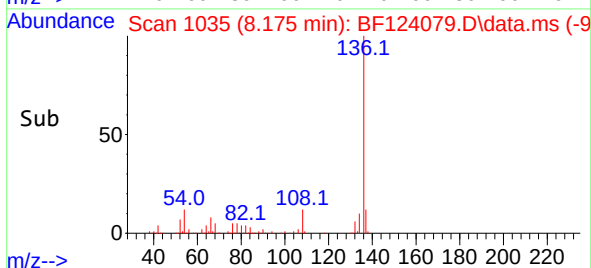
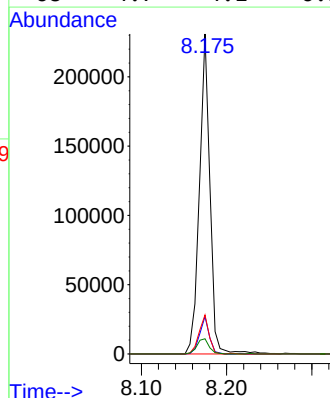
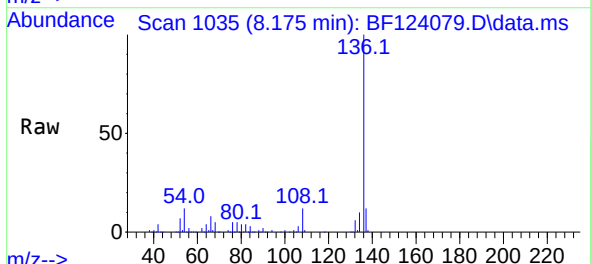
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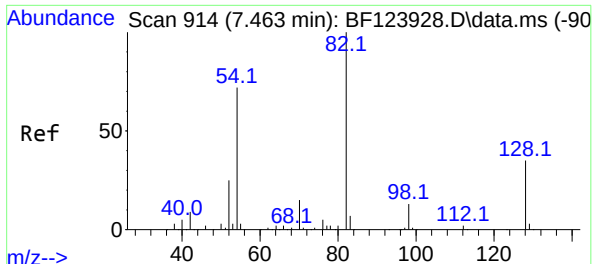
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion: 136 Resp: 198084
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 12.2 9.8 14.6
68 4.7 4.1 6.1





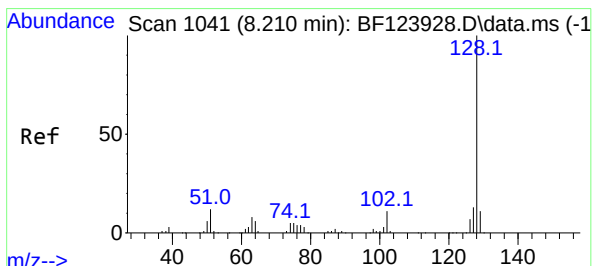
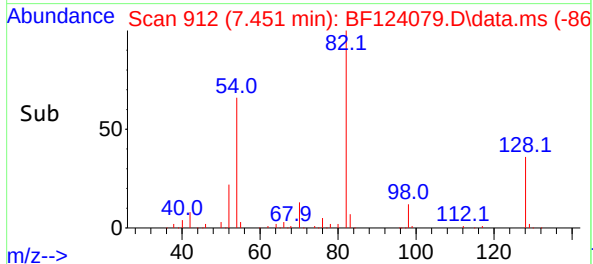
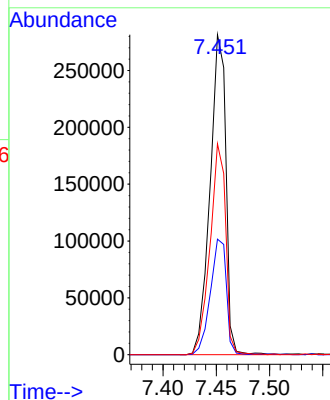
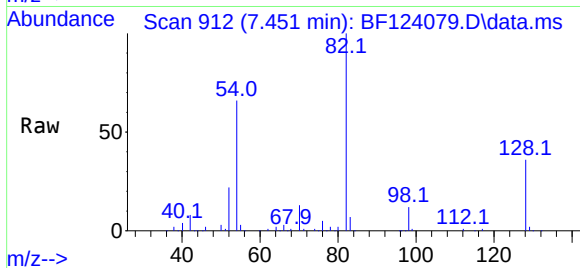
#23
Nitrobenzene-d5
Concen: 63.39 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion: 82 Resp: 291449
Ion Ratio Lower Upper
82 100
128 36.1 29.4 44.2
54 65.9 54.1 81.1

Instrument :
BNA_F
ClientSampleId :
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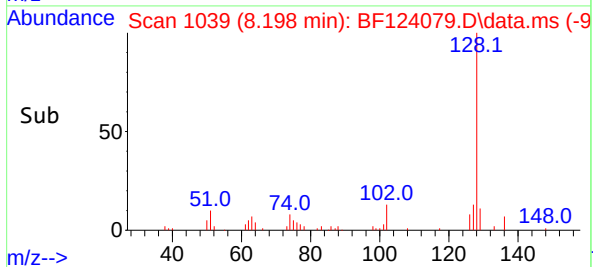
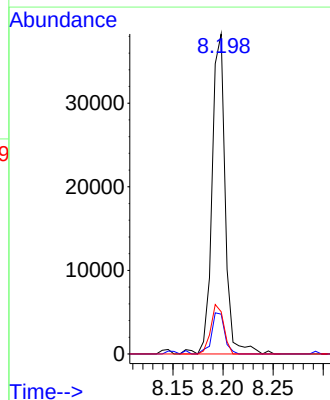
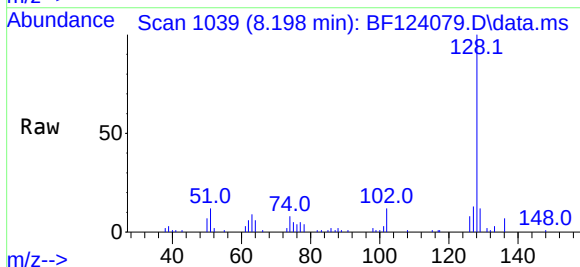
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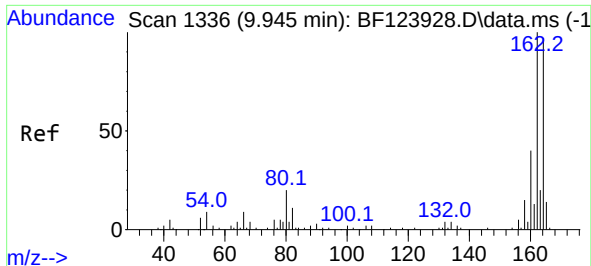
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#31
Naphthalene
Concen: 3.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

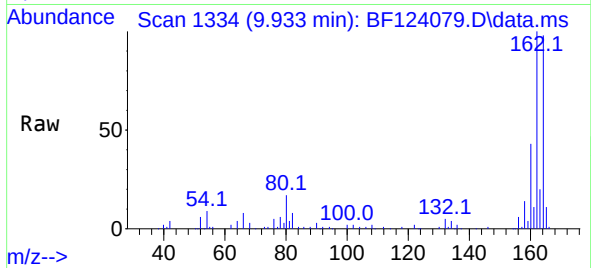
Tgt Ion: 128 Resp: 35148
Ion Ratio Lower Upper
128 100
129 12.5 8.9 13.3
127 13.2 10.8 16.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

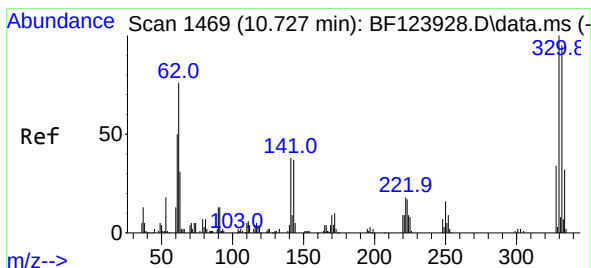
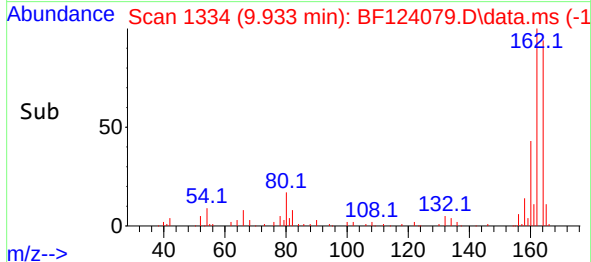
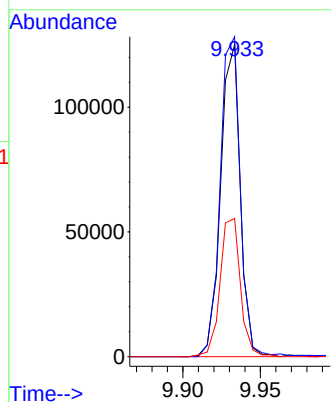
Instrument :
BNA_F
ClientSampled :
GHOST-5



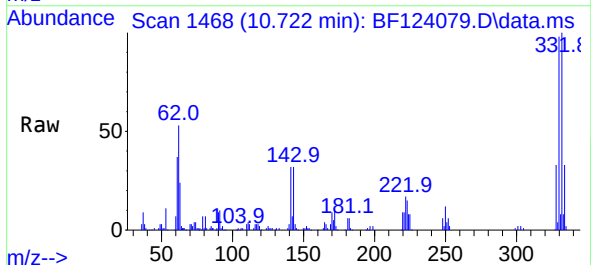
Tgt Ion:164 Resp: 109970
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 44.3 37.3 55.9

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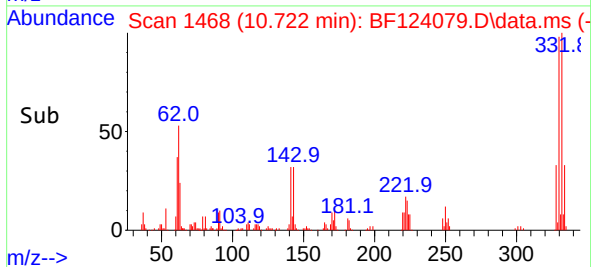
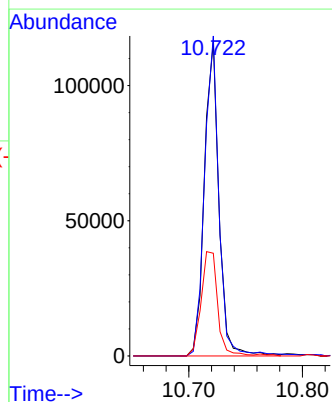
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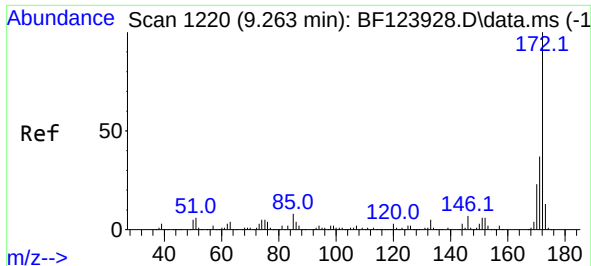


#42
2,4,6-Tribromophenol
Concen: 78.58 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25



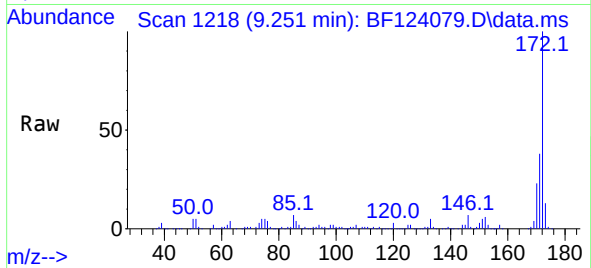
Tgt Ion:330 Resp: 103786
Ion Ratio Lower Upper
330 100
332 100.7 77.1 115.7
141 37.4 27.9 41.9





#45
2-Fluorobiphenyl
Concen: 57.27 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

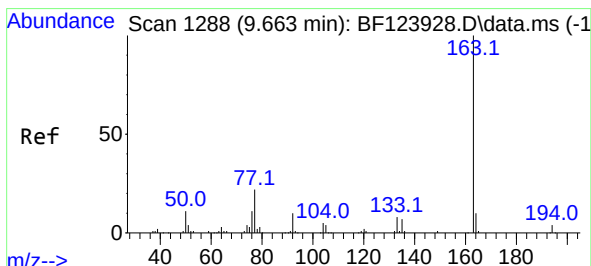
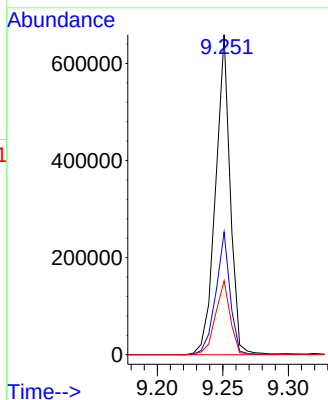
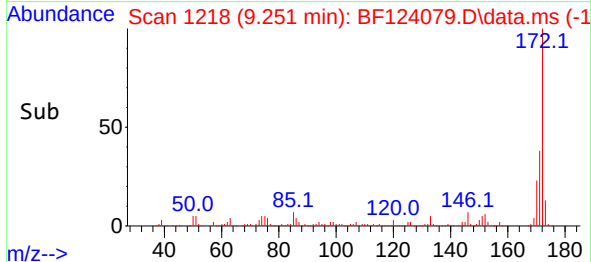
Instrument :
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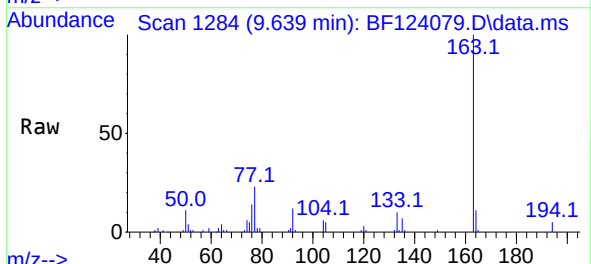
Tgt Ion:172 Resp: 511762
Ion Ratio Lower Upper
172 100
171 38.3 28.1 42.1
170 23.1 19.2 28.8

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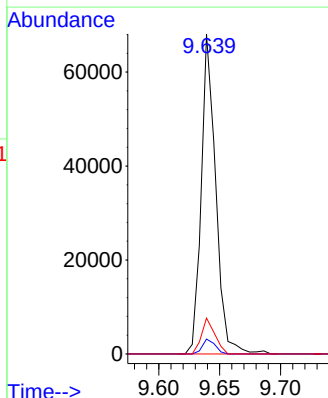
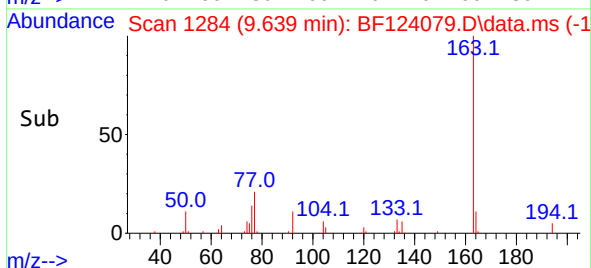
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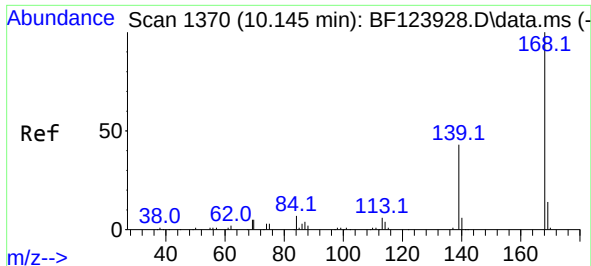


#50
Dimethylphthalate
Concen: 6.42 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25



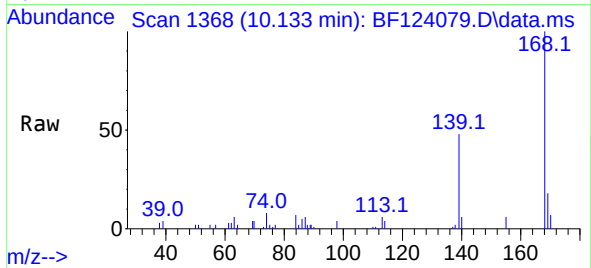
Tgt Ion:163 Resp: 56416
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 11.2 8.2 12.2





#55
Dibenzenofuran
Concen: 2.07 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

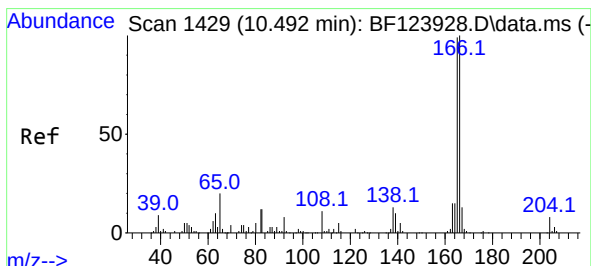
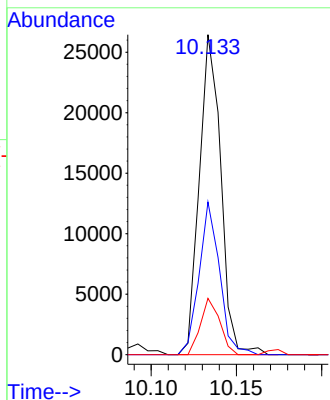
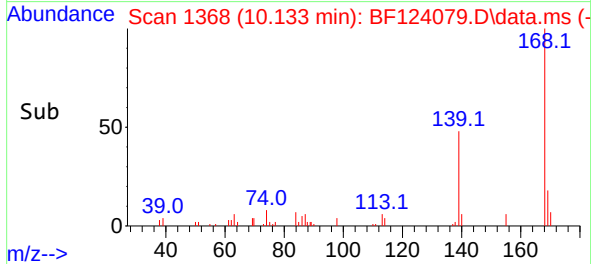
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BNA_F
ClientSampled :
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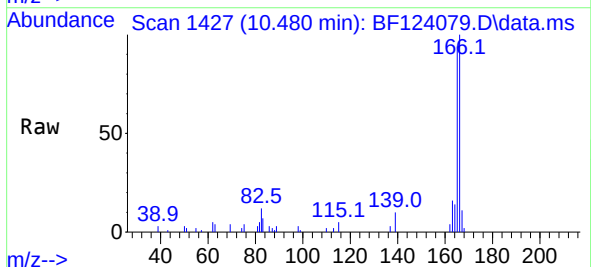
Tgt Ion:168 Resp: 23188
Ion Ratio Lower Upper
168 100
139 47.7 33.2 49.8
169 17.6 10.8 16.2#

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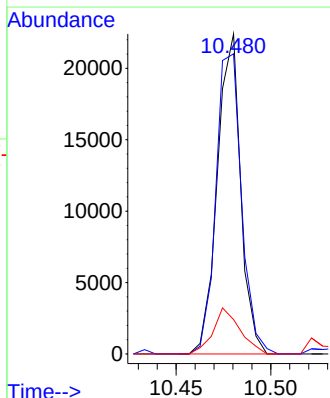
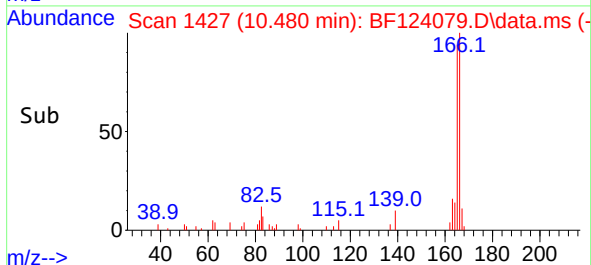
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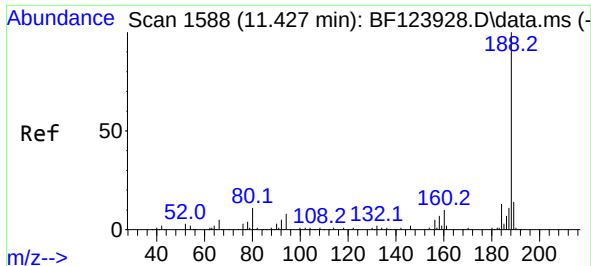


#58
Fluorene
Concen: 2.28 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25



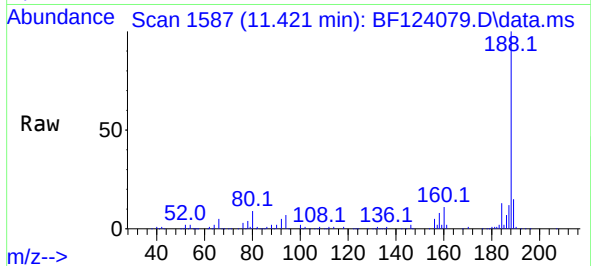
Tgt Ion:166 Resp: 19205
Ion Ratio Lower Upper
166 100
165 93.8 73.5 110.3
167 10.8 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

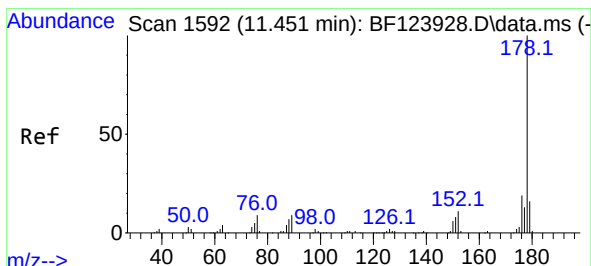
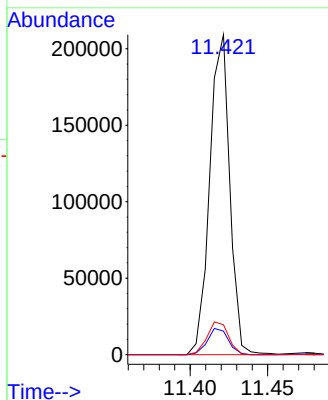
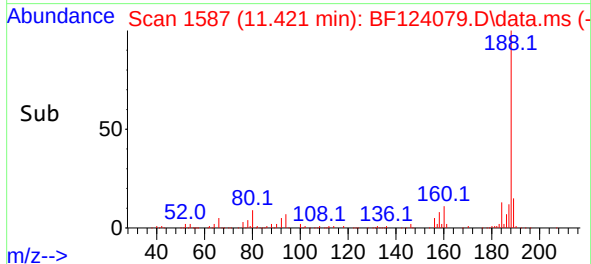
Instrument :
BNA_F
ClientSampleId :
GHOST-5



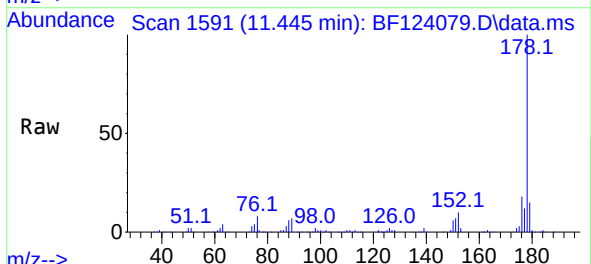
Tgt Ion:188 Resp: 188046
Ion Ratio Lower Upper
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94 7.3 6.9 10.3
80 9.4 8.2 12.2

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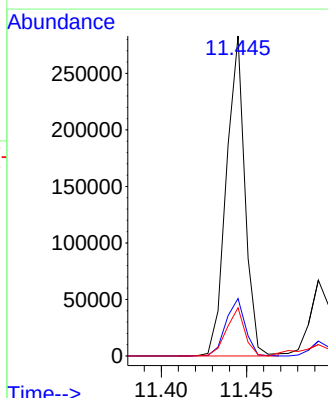
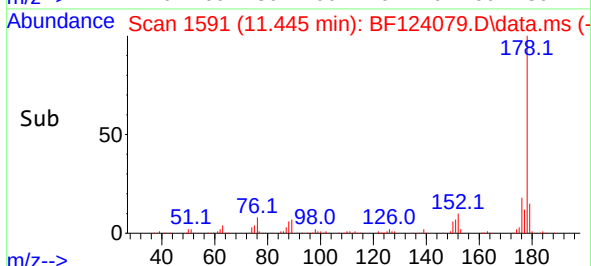
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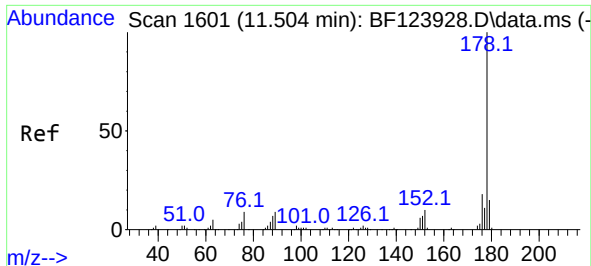


#71
Phenanthrene
Concen: 18.06 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25



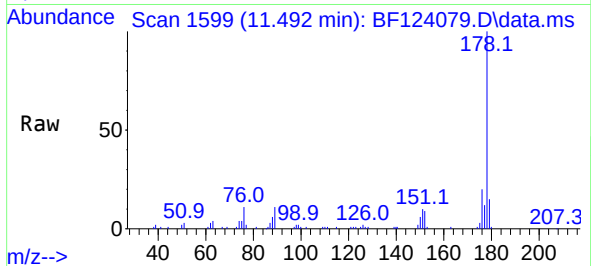
Tgt Ion:178 Resp: 215263
Ion Ratio Lower Upper
178 100
176 18.0 15.6 23.4
179 15.1 12.5 18.7





#72
 Anthracene
 Concen: 4.49 ng
 RT: 11.492 min Scan# 1599
 Delta R.T. -0.012 min
 Lab File: BF124079.D
 Acq: 26 May 2021 23:25

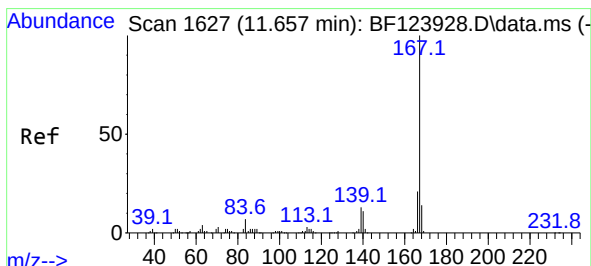
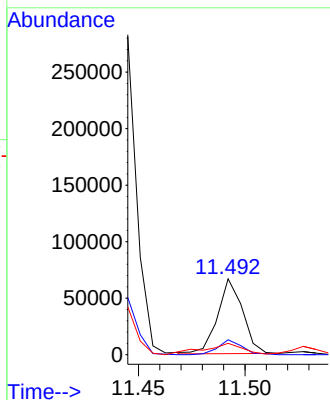
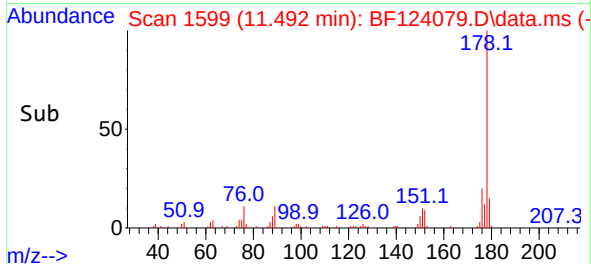
Instrument :
 BNA_F
 ClientSampleID :
 GHOST-5



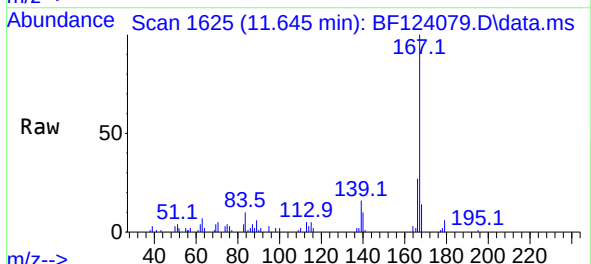
Tgt Ion:178 Resp: 54192
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 15.0 12.6 18.8

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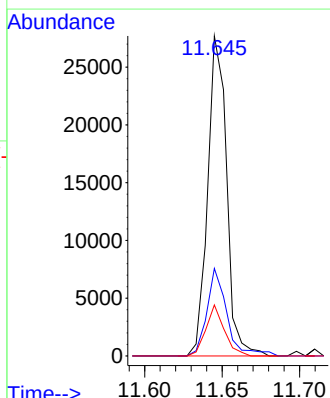
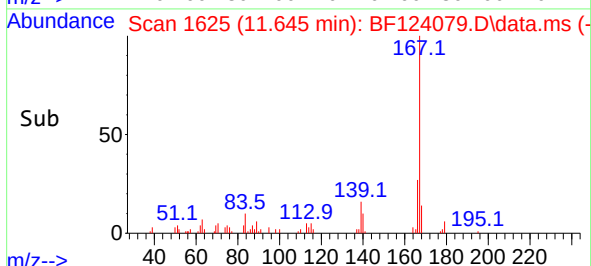
mohammad
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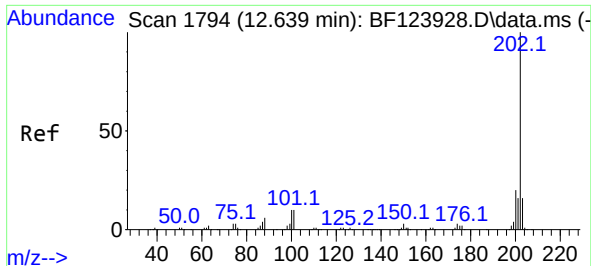


#73
 Carbazole
 Concen: 2.23 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.012 min
 Lab File: BF124079.D
 Acq: 26 May 2021 23:25



Tgt Ion:167 Resp: 23589
 Ion Ratio Lower Upper
 167 100
 166 27.4 17.0 25.6#
 139 16.0 10.4 15.6#





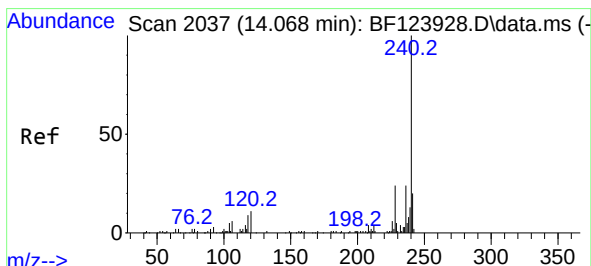
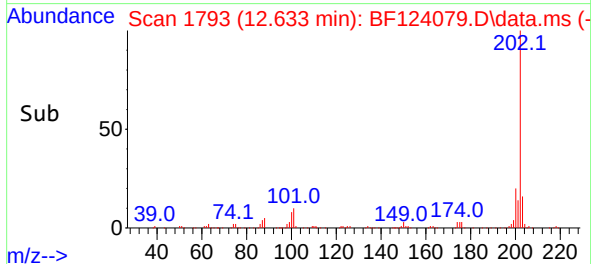
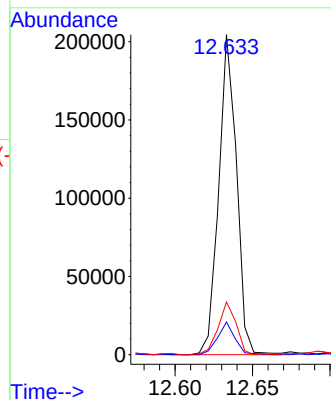
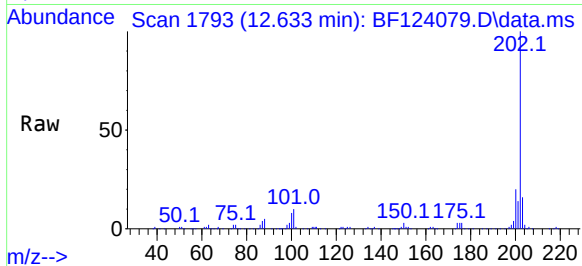
#75
Fluoranthene
Concen: 13.24 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:	202	Resp:	163345
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.9
203	16.5	0.0	37.5

Instrument :
BNA_F
ClientSampled :
GHOST-5

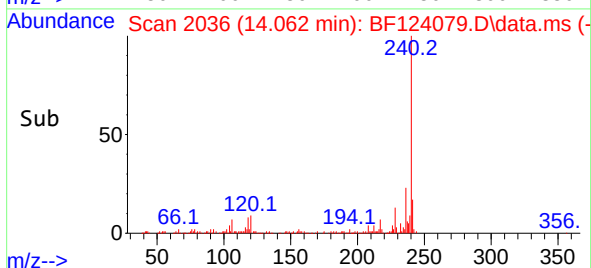
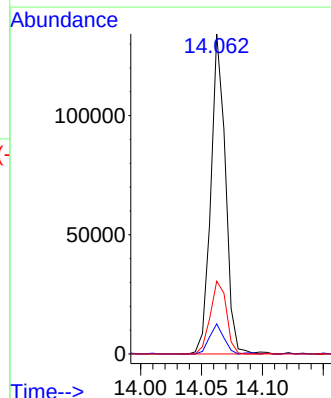
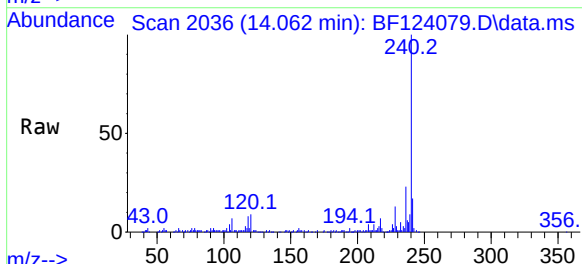
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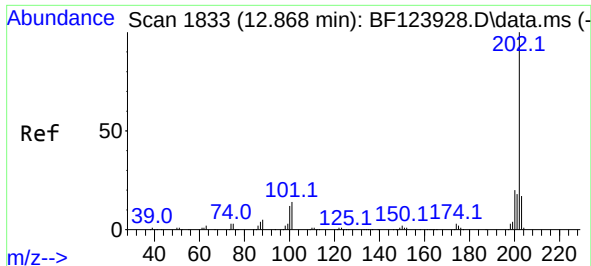
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:	240	Resp:	111753
Ion Ratio	Lower	Upper	
240	100		
120	9.4	7.2	10.8
236	22.7	19.0	28.4





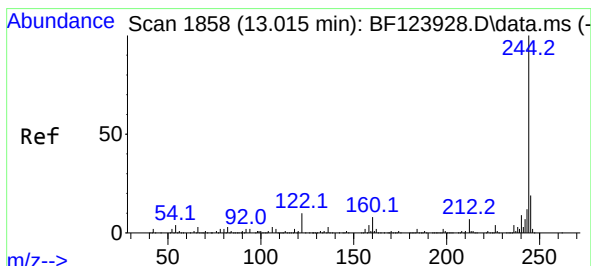
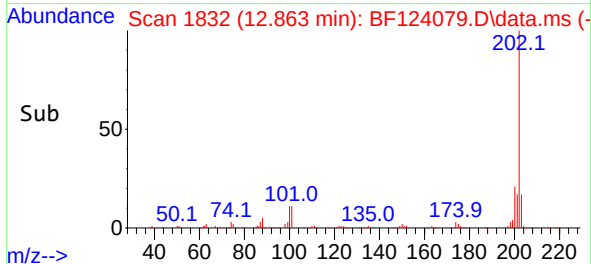
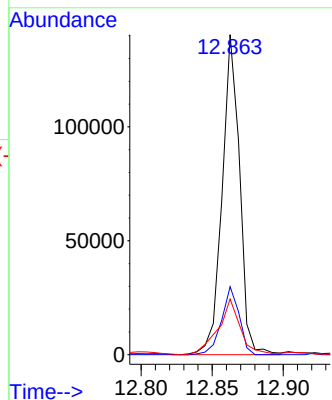
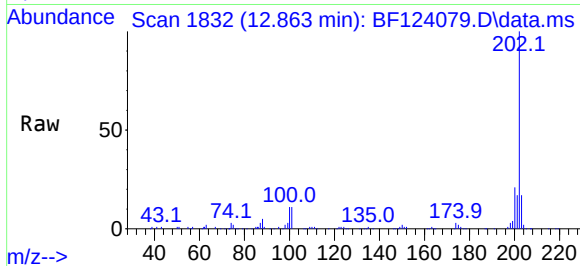
#78
Pyrene
Concen: 12.12 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt	Ion:202	Resp:	120273
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.1	24.1
203	17.4	14.8	22.2

Instrument :
BNA_F
ClientSampled :
GHOST-5

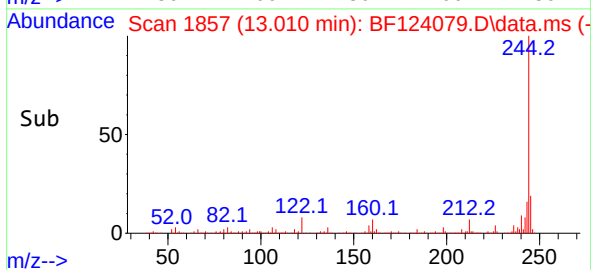
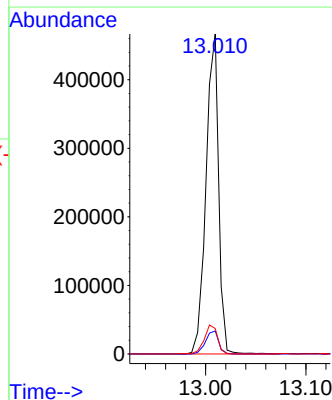
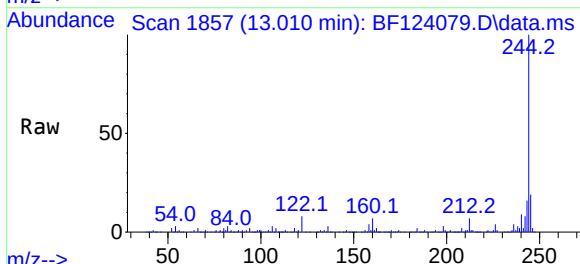
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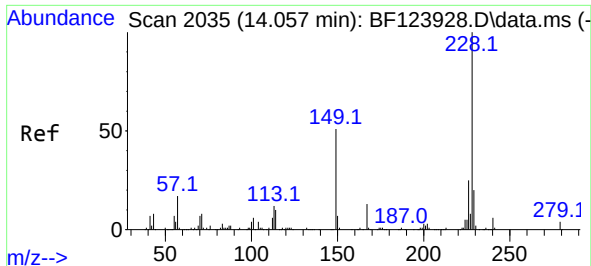
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#79
Terphenyl-d14
Concen: 55.54 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:244	Resp: 409843
Ion Ratio	Lower Upper
244 100	
212 7.2	5.7 8.5
122 8.0	9.7 14.5#





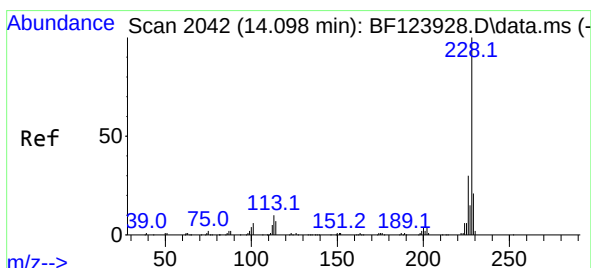
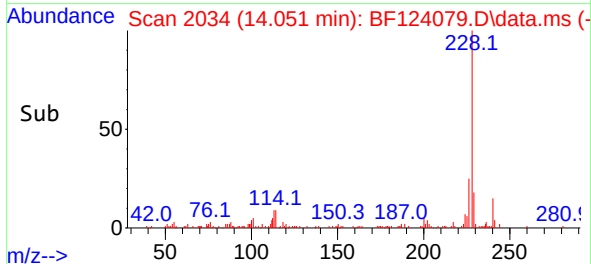
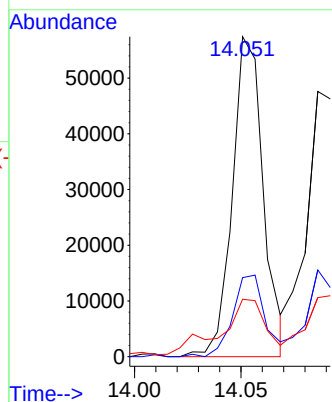
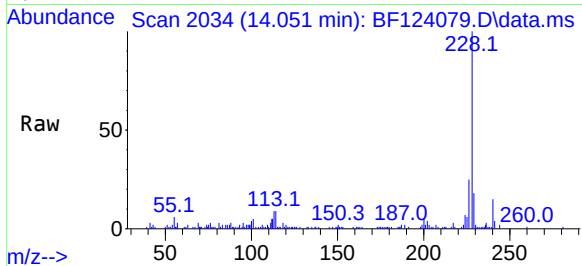
#81
Benzo(a)anthracene
Concen: 7.17 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:228 Resp: 57979
Ion Ratio Lower Upper
228 100
226 24.7 22.4 33.6
229 18.0 16.0 24.0

Instrument :
BNA_F
ClientSampled :
GHOST-5

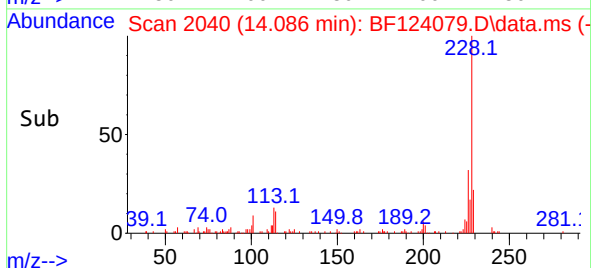
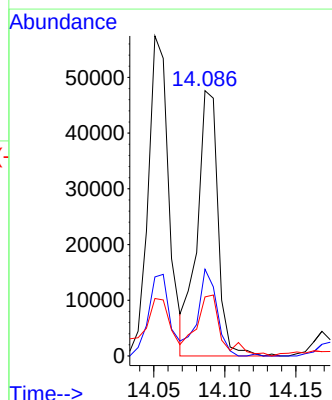
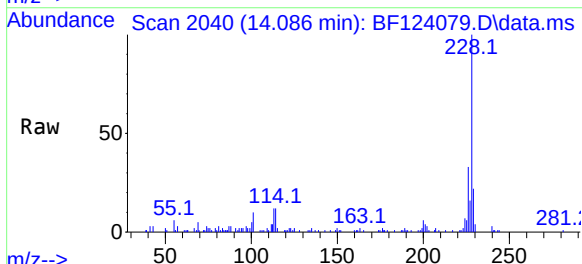
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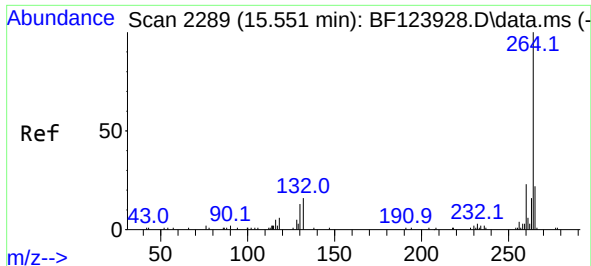
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#83
Chrysene
Concen: 6.29 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:228 Resp: 48887
Ion Ratio Lower Upper
228 100
226 32.7 24.3 36.5
229 22.3 16.2 24.2





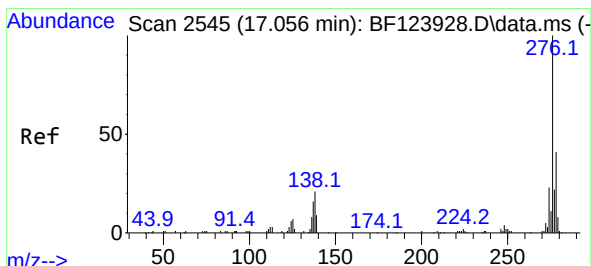
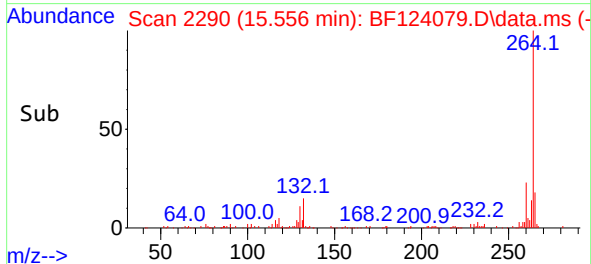
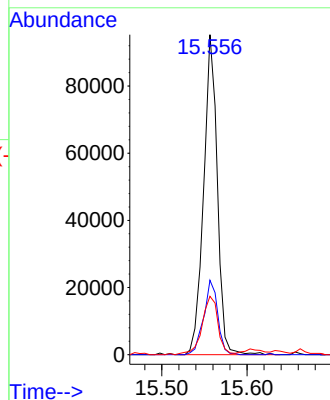
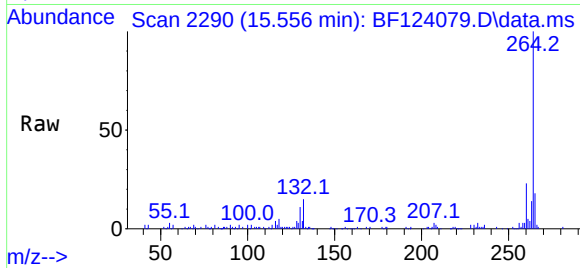
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.556 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion: 264 Resp: 106102
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 18.2 17.8 26.8

Instrument :
BNA_F
ClientSampleId :
GHOST-5

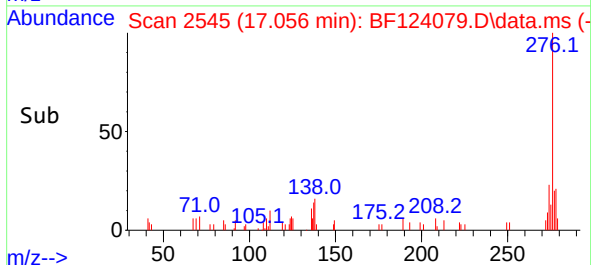
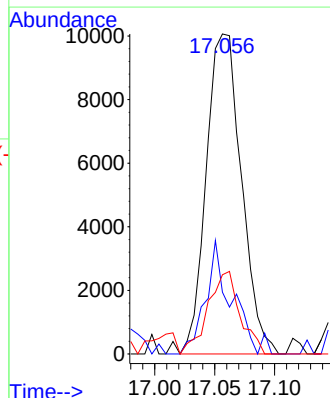
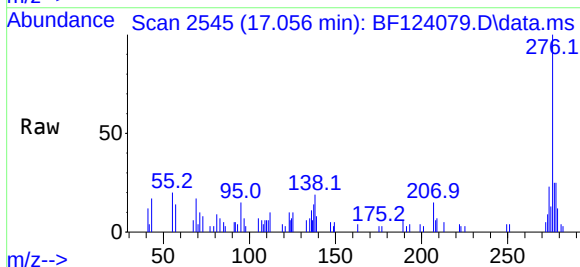
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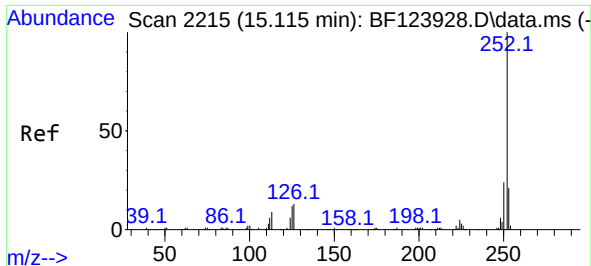
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.51 ng m
RT: 17.056 min Scan# 2545
Delta R.T. -0.000 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion: 276 Resp: 20546
Ion Ratio Lower Upper
276 100
138 5.0 16.2 24.2#
277 6.4 20.1 30.1#





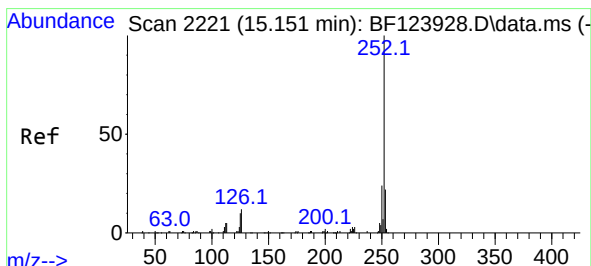
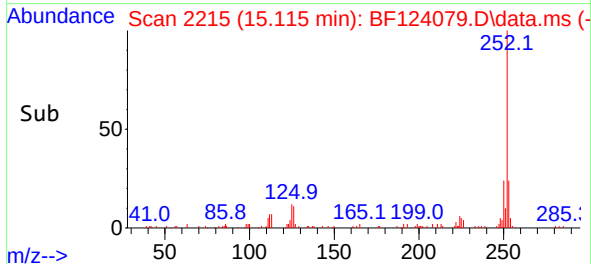
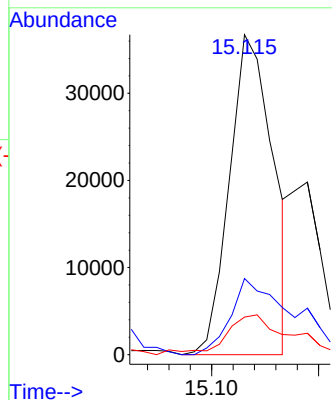
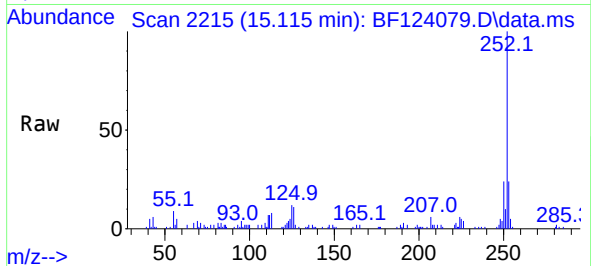
#88
Benzo(b)fluoranthene
Concen: 6.35 ng m
RT: 15.115 min Scan# 2215
Delta R.T. -0.000 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:252 Resp: 52086
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 11.7 6.2 9.4#

Instrument :
BNA_F
ClientSampled :
GHOST-5

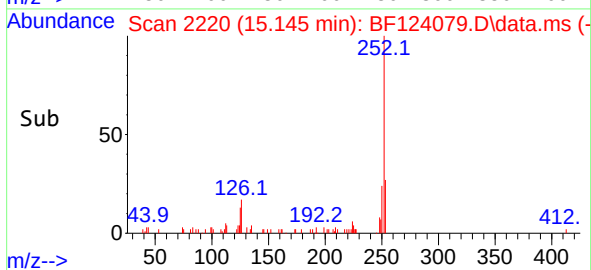
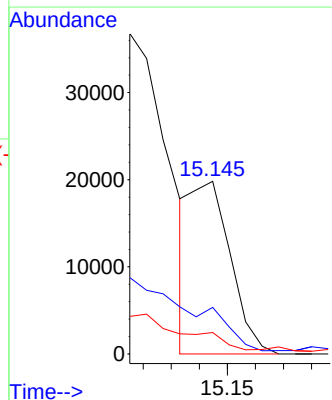
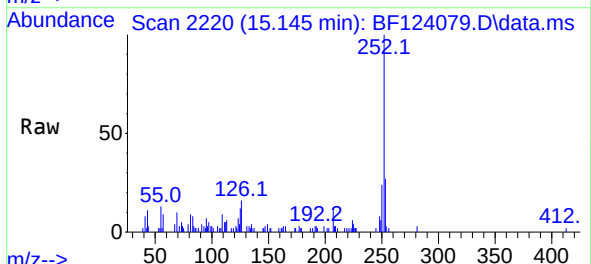
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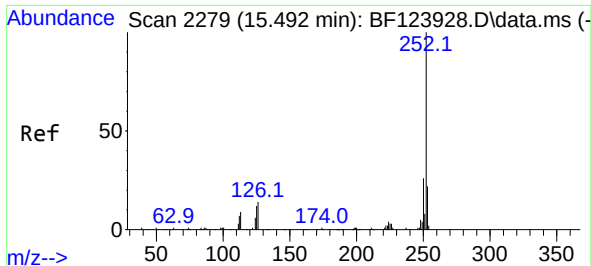
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#89
Benzo(k)fluoranthene
Concen: 2.61 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:252 Resp: 19510
Ion Ratio Lower Upper
252 100
253 27.0 17.9 26.9#
125 12.4 7.0 10.6#





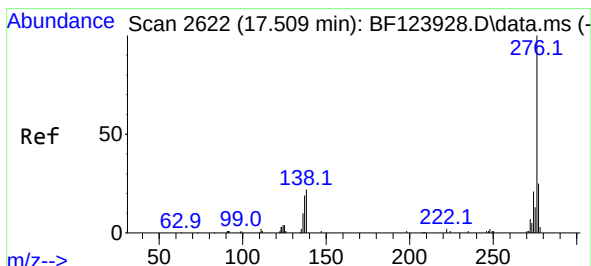
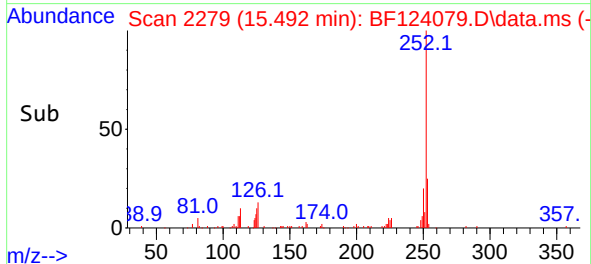
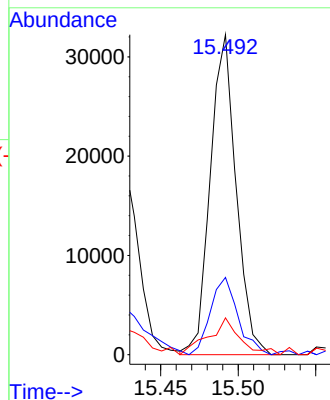
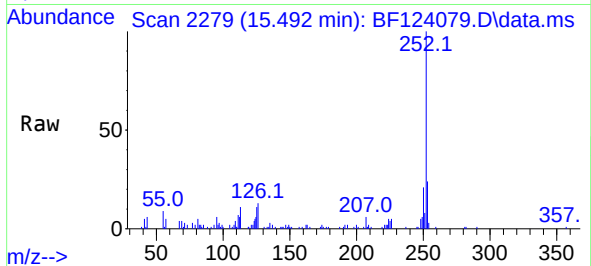
#90
Benzo(a)pyrene
Concen: 5.26 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:	252	Resp:	37352
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.4	27.6
125	11.5	8.0	12.0

Instrument :
BNA_F
ClientSampleId :
GHOST-5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.64 ng
RT: 17.509 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF124079.D
Acq: 26 May 2021 23:25

Tgt Ion:	276	Resp:	18271
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.2	27.2
138	25.9	13.8	20.6#

