

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
 Data File : BF125876.D
 Acq On : 18 Oct 2021 14:37
 Operator : JU/CG
 Sample : M4252-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-CB-(1)

Manual Integrations
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Quant Time: Oct 19 09:06:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	165390	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	656854	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	329885	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	486142	20.00	ng	0.00
76) Chrysene-d12	13.968	240	324183	20.00	ng	0.00
86) Perylene-d12	15.421	264	335016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	887633	87.68	ng	0.00
7) Phenol-d6	6.451	99	1062086	81.49	ng	0.00
23) Nitrobenzene-d5	7.381	82	619910	58.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	248904	76.42	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1104629	57.76	ng	0.00
79) Terphenyl-d14	12.921	244	684967	32.18	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.363	178	230926	8.88	ng	99
75) Fluoranthene	12.545	202	349004	14.87	ng	96
78) Pyrene	12.774	202	337151	10.24	ng	97
81) Benzo(a)anthracene	13.963	228	170542m	8.11	ng	
83) Chrysene	13.998	228	169052	8.13	ng	100
87) Indeno(1,2,3-cd)pyrene	16.845	276	65463	2.56	ng	92
88) Benzo(b)fluoranthene	14.998	252	203231m	10.75	ng	
89) Benzo(k)fluoranthene	15.021	252	66659m	3.43	ng	
90) Benzo(a)pyrene	15.357	252	146006	8.72	ng	98
92) Benzo(g,h,i)perylene	17.280	276	63076	2.93	ng	93

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

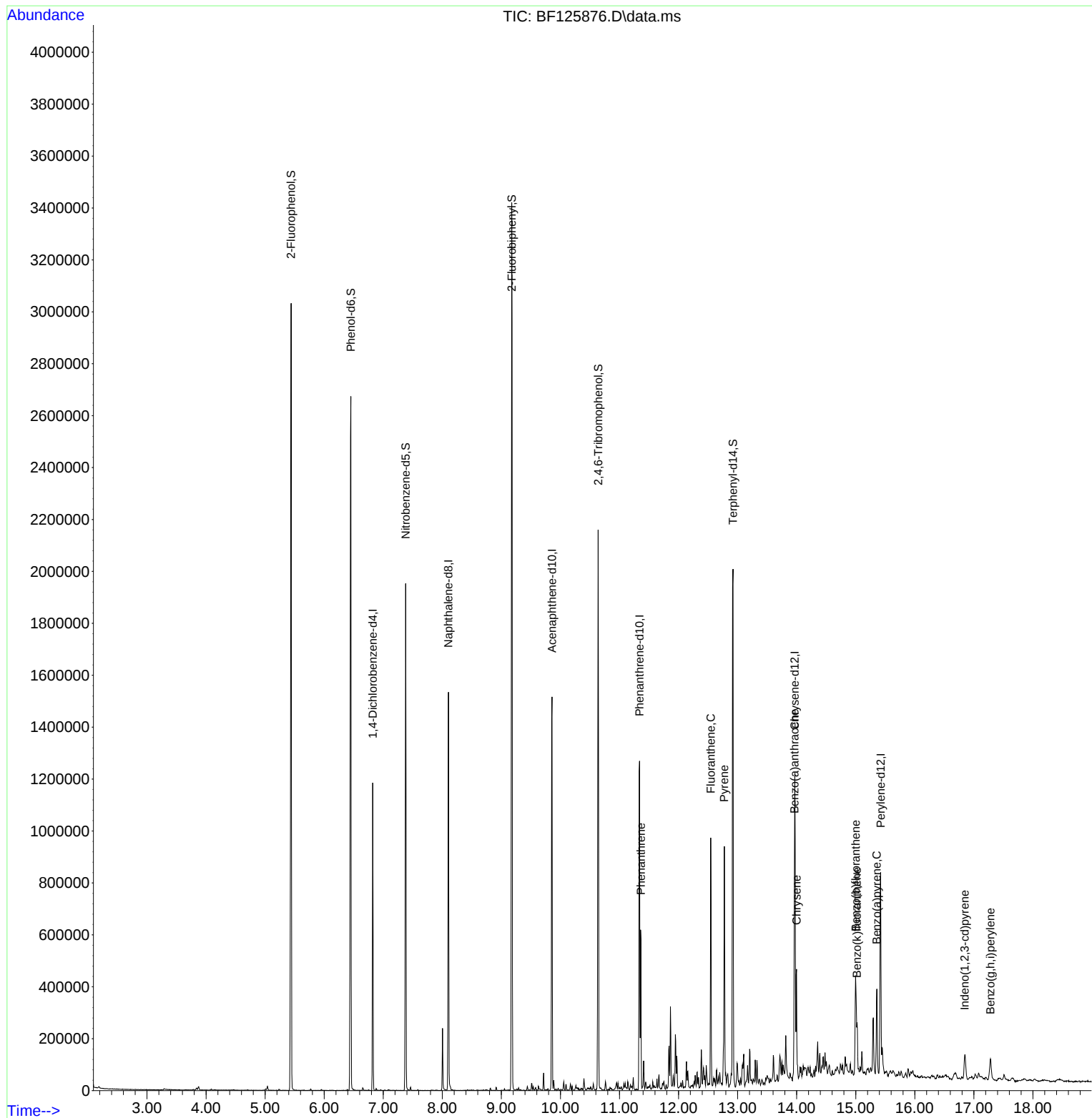
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101821\
Data File : BF125876.D
Acq On : 18 Oct 2021 14:37
Operator : JU/CG
Sample : M4252-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-CB-(1)

Manual Integrations
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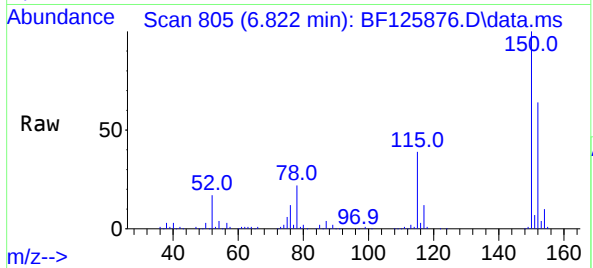
Quant Time: Oct 19 09:06:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

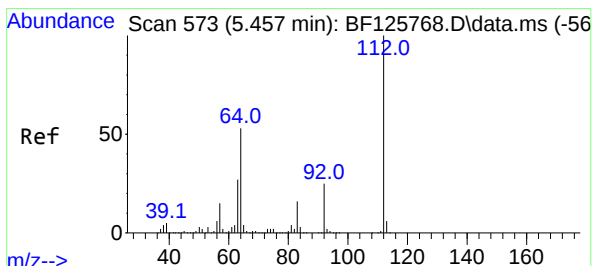
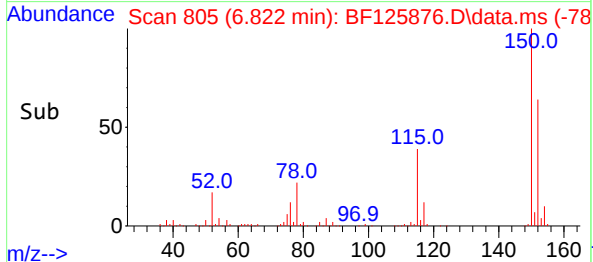
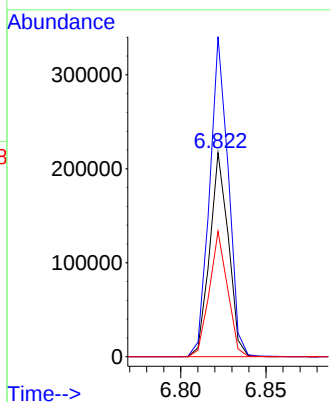
Instrument :
BNA_F
ClientSampled :
MH-CB-(1)



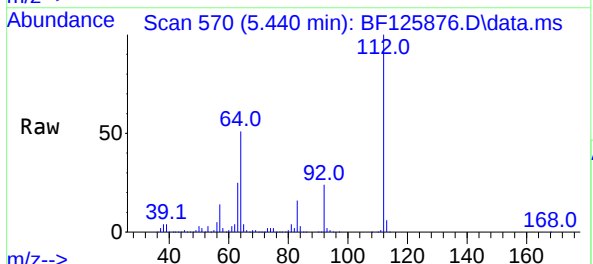
Tgt Ion:152 Resp: 165390
Ion Ratio Lower Upper
152 100
150 156.8 117.6 176.4
115 61.4 47.1 70.7

Manual Integrations
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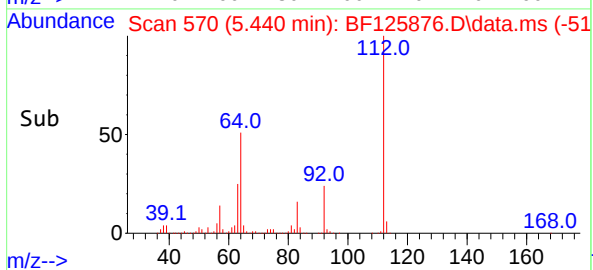
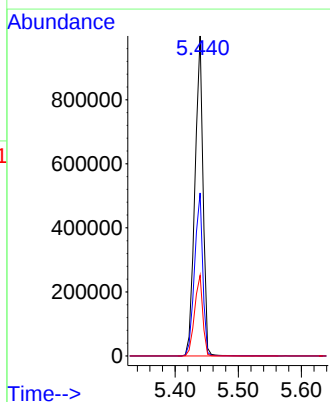
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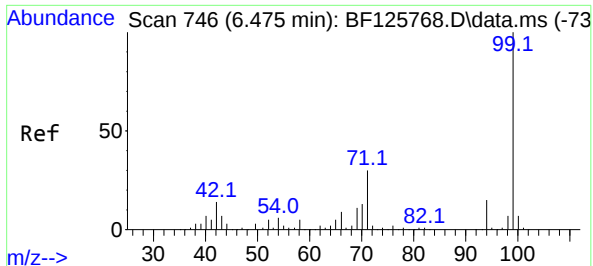


#5
2-Fluorophenol
Concen: 87.68 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



Tgt Ion:112 Resp: 887633
Ion Ratio Lower Upper
112 100
64 50.9 44.2 66.2
63 25.2 26.2 39.2#





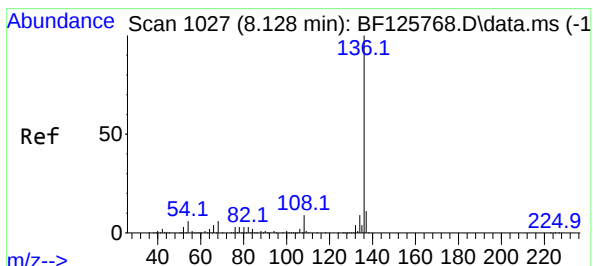
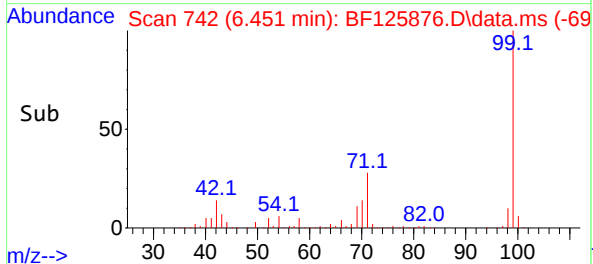
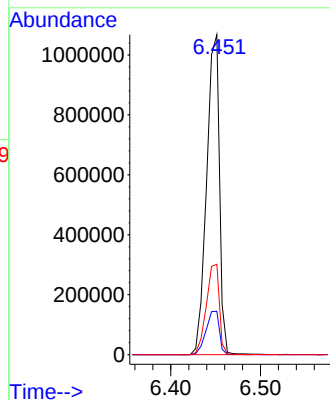
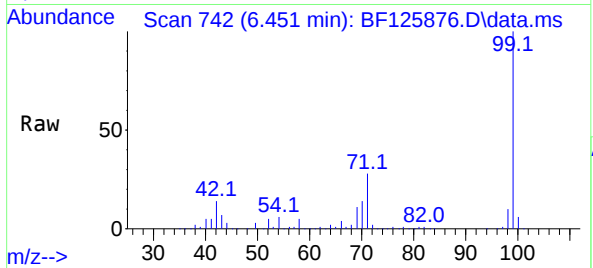
#7
Phenol-d6
Concen: 81.49 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

Tgt Ion: 99 Resp: 1062086
Ion Ratio Lower Upper
99 100
42 13.5 23.5 35.3#
71 28.3 25.6 38.4

Instrument :
BNA_F
ClientSampled :
MH-CB-(1)

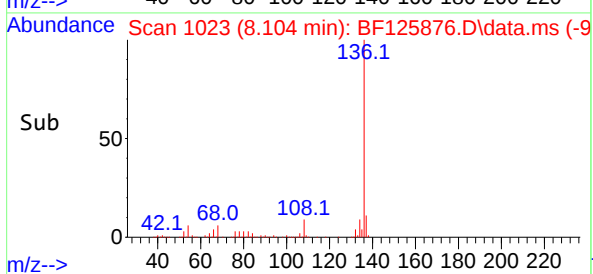
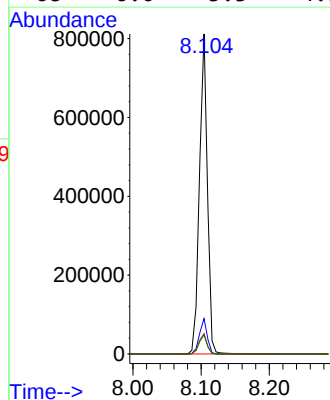
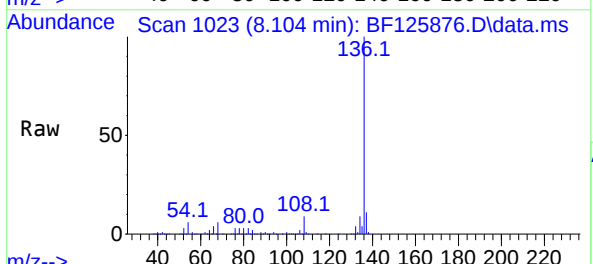
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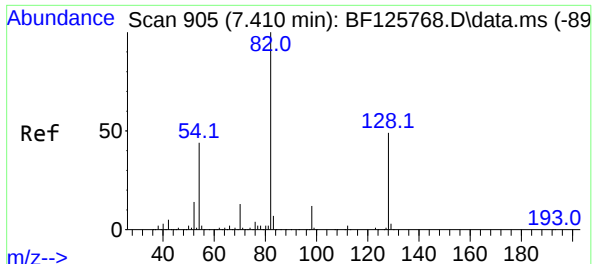
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

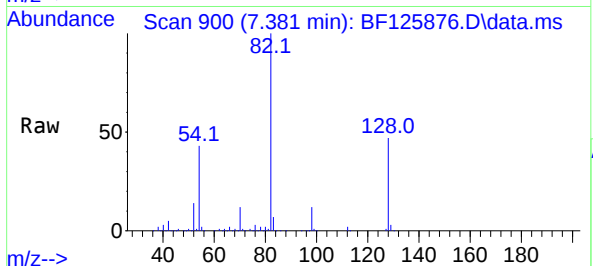
Tgt Ion: 136 Resp: 656854
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 6.4 6.4 9.6#
68 6.0 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 58.66 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

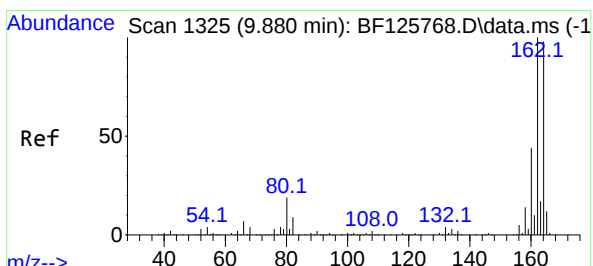
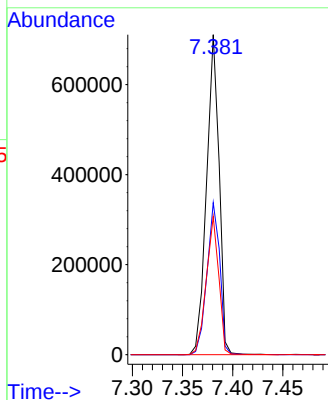
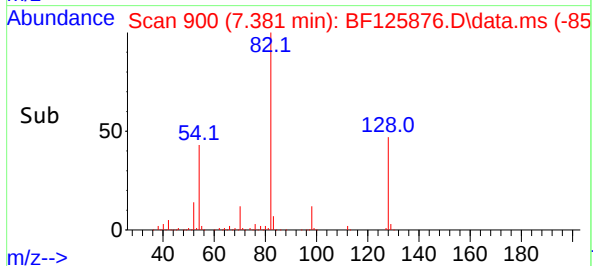
Instrument :
BNA_F
ClientSampled :
MH-CB-(1)



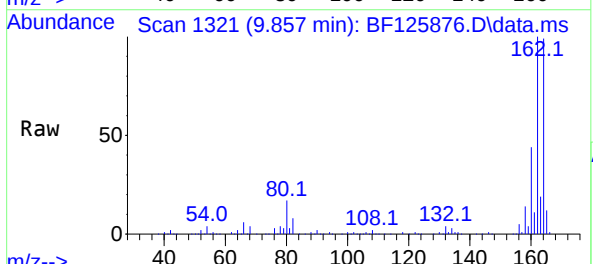
Tgt Ion: 82 Resp: 619910
Ion Ratio Lower Upper
82 100
128 47.5 40.6 60.8
54 43.2 49.6 74.4#

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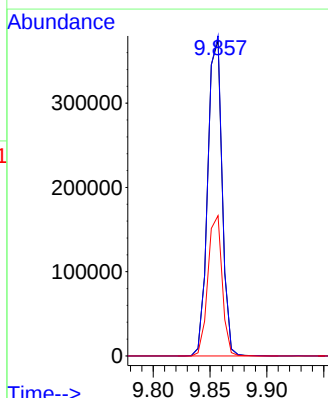
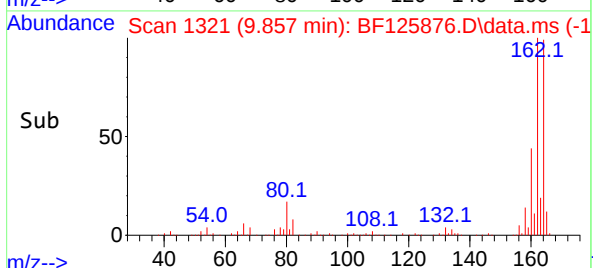
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

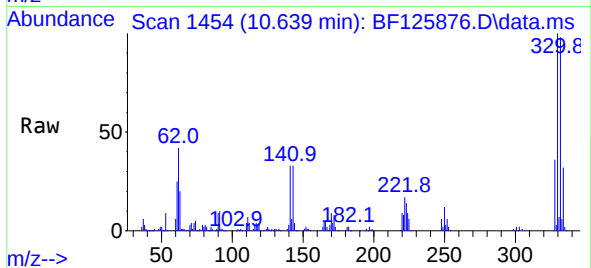


Tgt Ion: 164 Resp: 329885
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.5 38.0 57.0

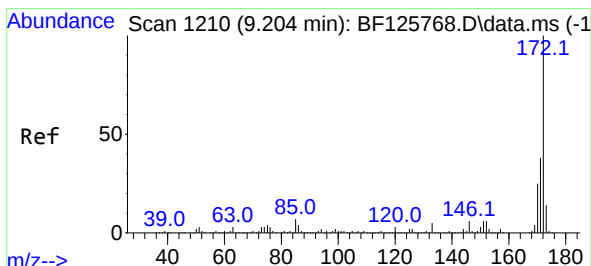
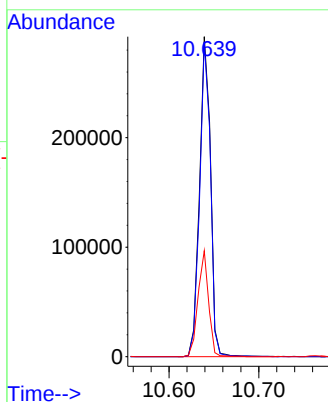
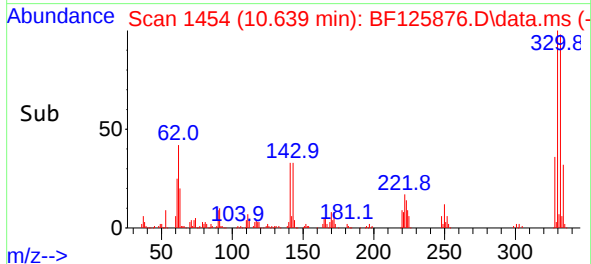




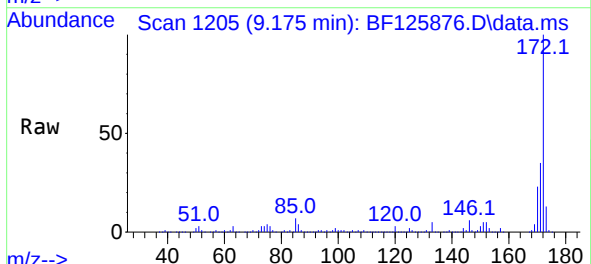
#42
2,4,6-Tribromophenol
Concen: 76.42 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



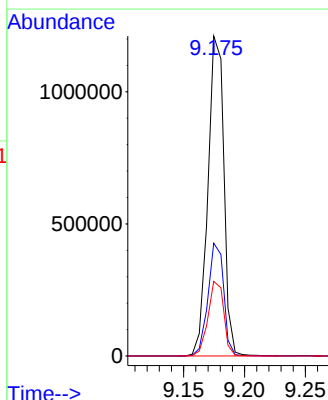
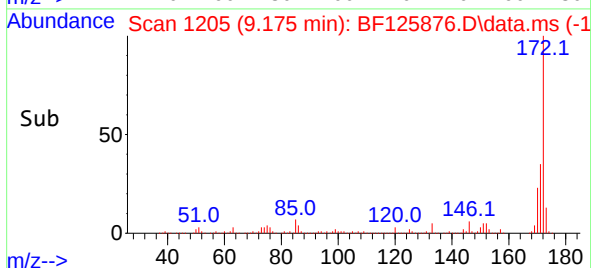
Tgt Ion: 330 Resp: 248904
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 31.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.76 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



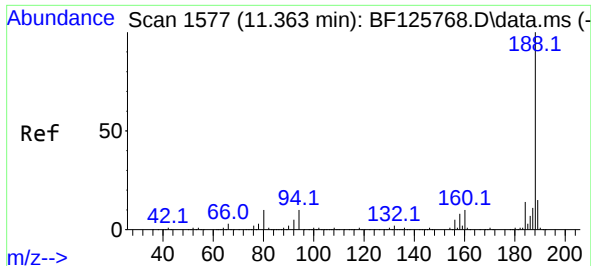
Tgt Ion: 172 Resp: 1104629
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.3 18.8 28.2



Instrument :
BNA_F
ClientSampleId :
MH-CB-(1)

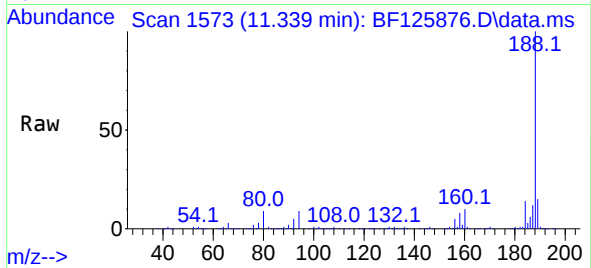
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

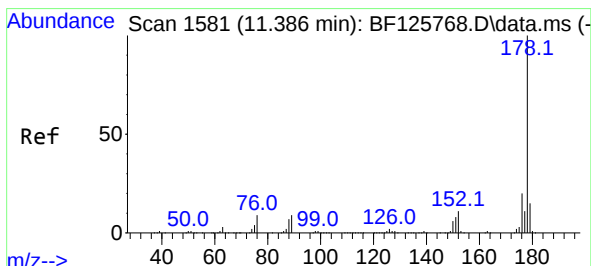
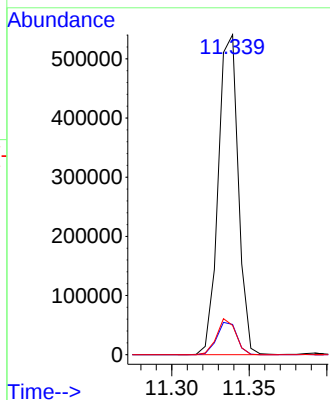
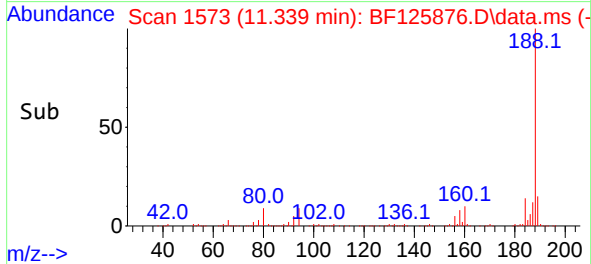
Instrument :
BNA_F
ClientSampleId :
MH-CB-(1)



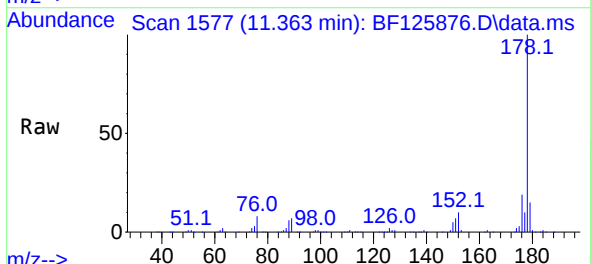
Tgt Ion:188 Resp: 486142
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 9.2 7.5 11.3

Manual Integrations
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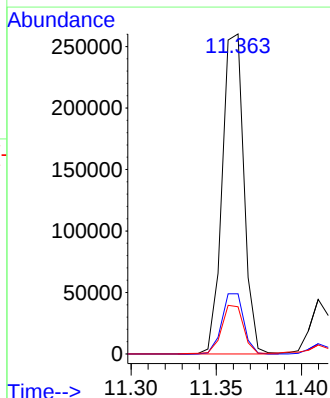
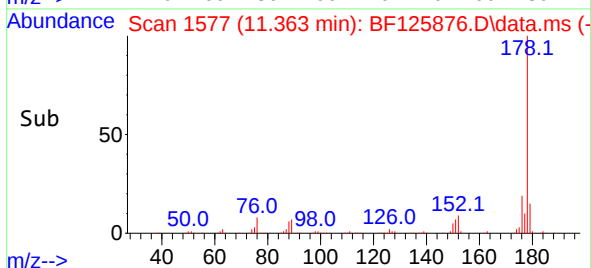
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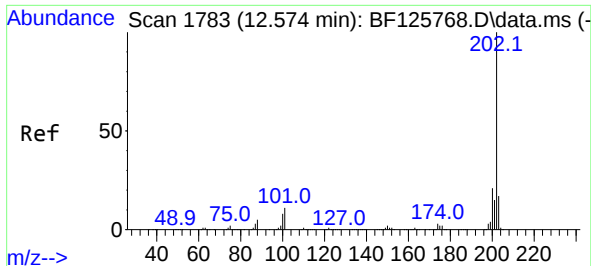


#71
Phenanthrene
Concen: 8.88 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



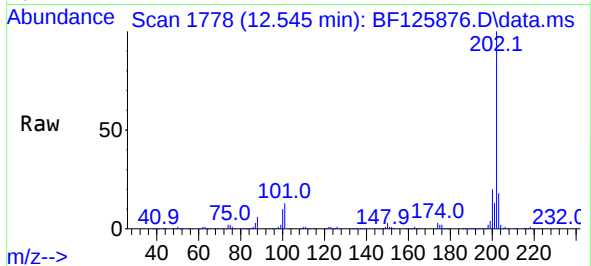
Tgt Ion:178 Resp: 230926
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 14.8 11.5 17.3





#75
Fluoranthene
Concen: 14.87 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

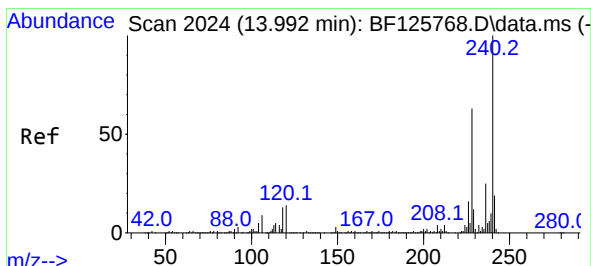
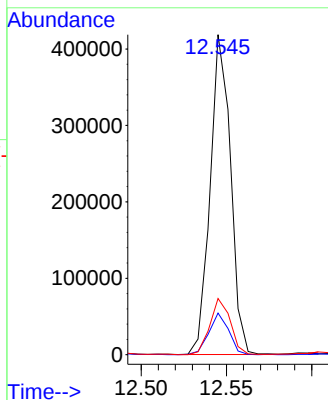
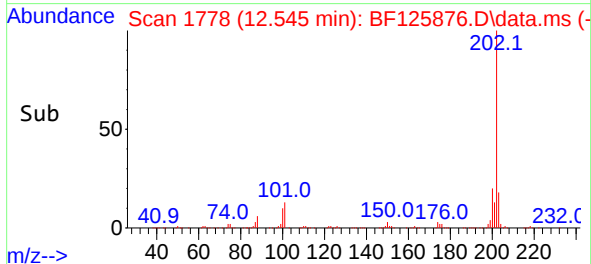
Instrument :
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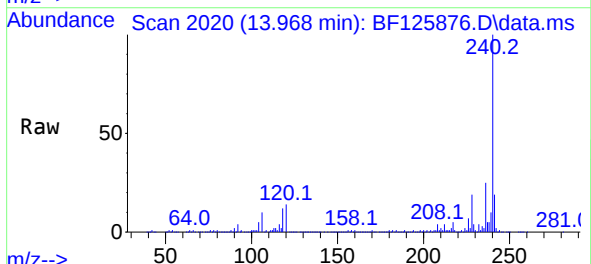
Tgt Ion:202 Resp: 349004
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.7
203 17.5 0.0 36.3

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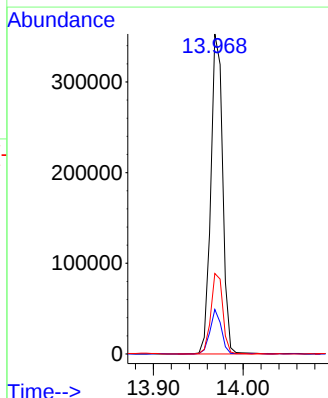
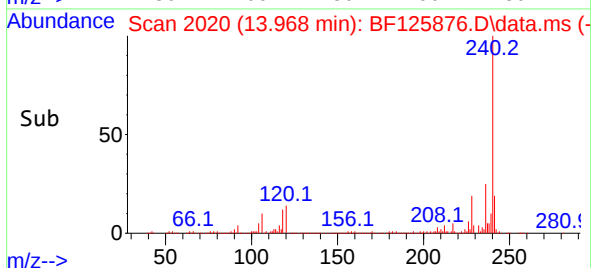
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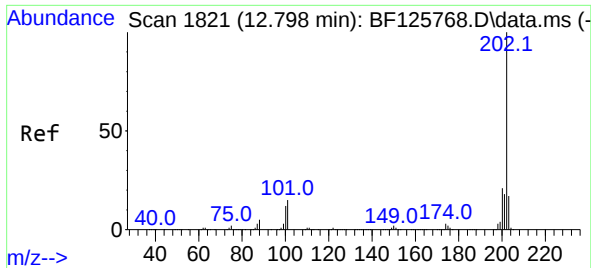


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



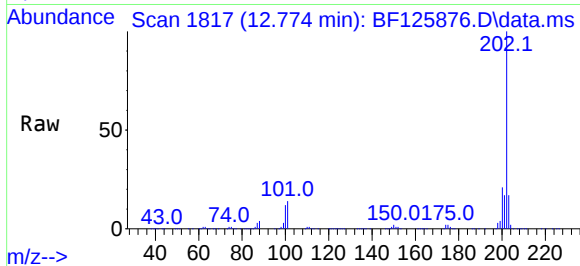
Tgt Ion:240 Resp: 324183
Ion Ratio Lower Upper
240 100
120 13.9 10.8 16.2
236 25.1 21.6 32.4





#78
Pyrene
Concen: 10.24 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

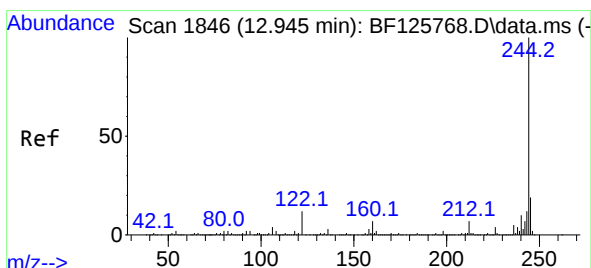
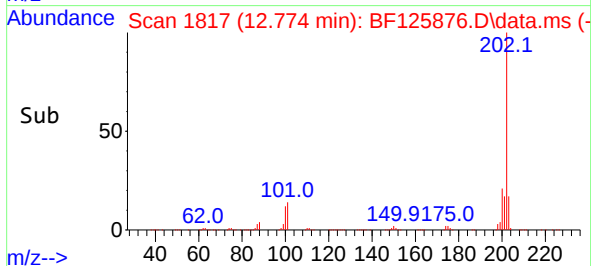
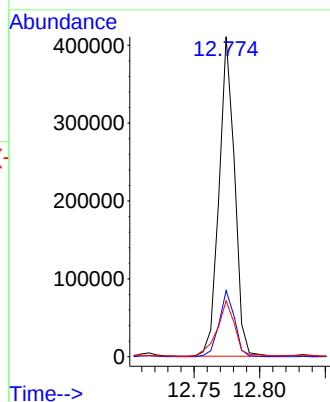
Instrument :
BNA_F
ClientSampled :
MH-CB-(1)



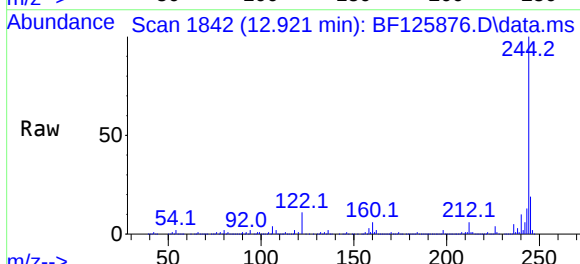
Tgt Ion:202 Resp: 337151
Ion Ratio Lower Upper
202 100
200 20.6 15.3 22.9
203 17.5 13.4 20.0

Manual Integrations
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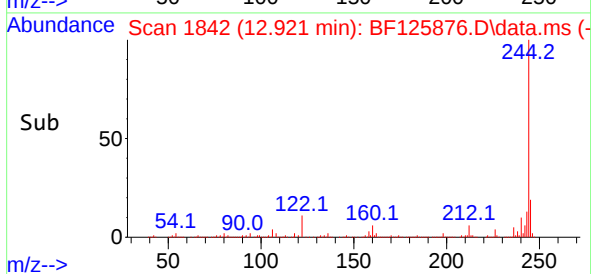
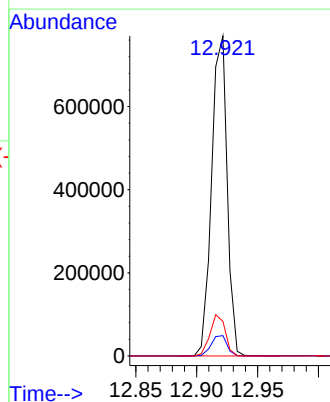
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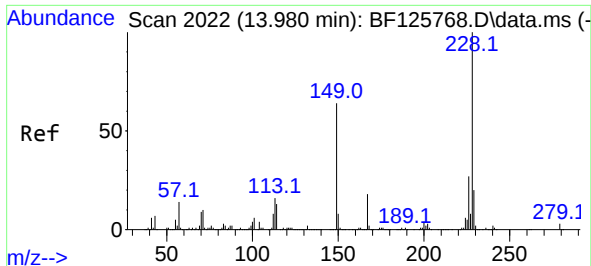


#79
Terphenyl-d14
Concen: 32.18 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



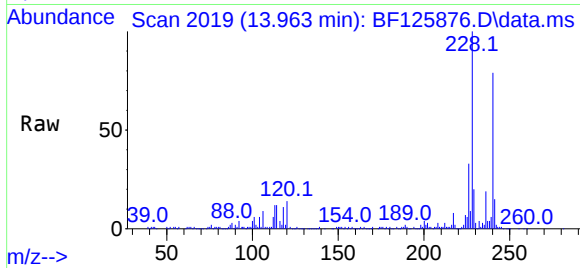
Tgt Ion:244 Resp: 684967
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 10.8 9.0 13.4





#81
Benzo(a)anthracene
Concen: 8.11 ng m
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

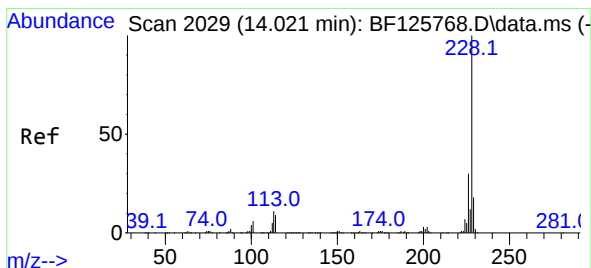
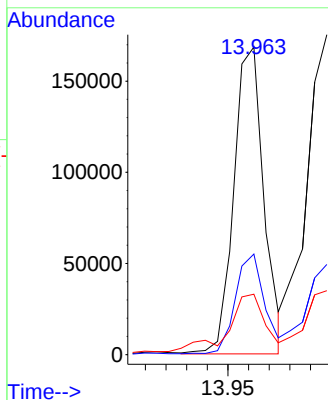
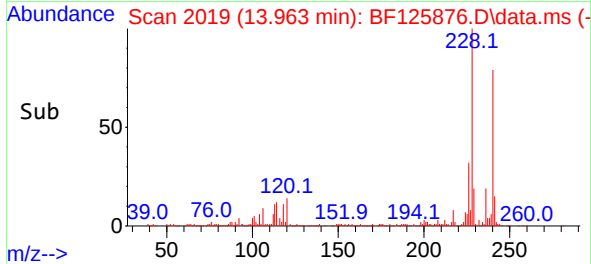
Instrument :
BNA_F
ClientSampled :
MH-CB-(1)



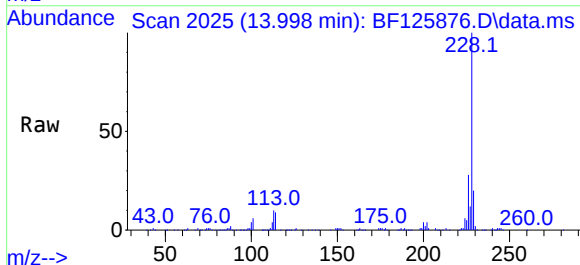
Tgt Ion:228 Resp: 170542
Ion Ratio Lower Upper
228 100
226 32.7 21.6 32.4#
229 19.7 15.6 23.4

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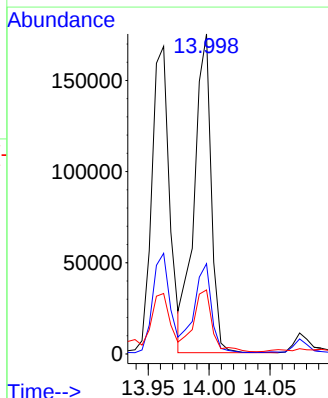
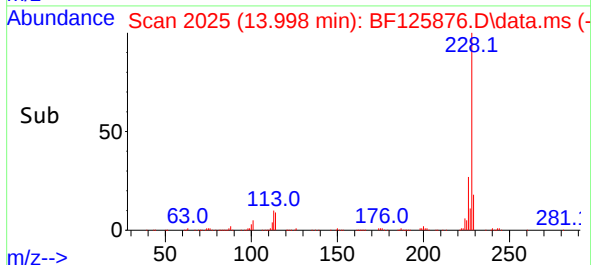
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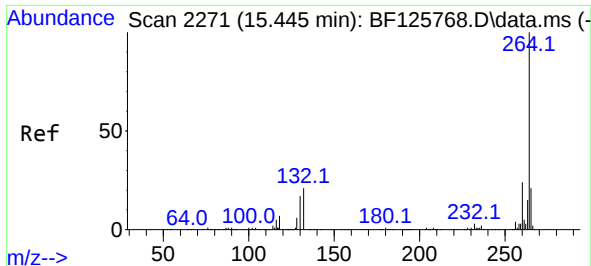


#83
Chrysene
Concen: 8.13 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



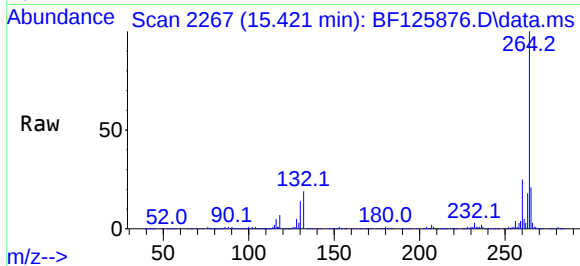
Tgt Ion:228 Resp: 169052
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 20.0 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

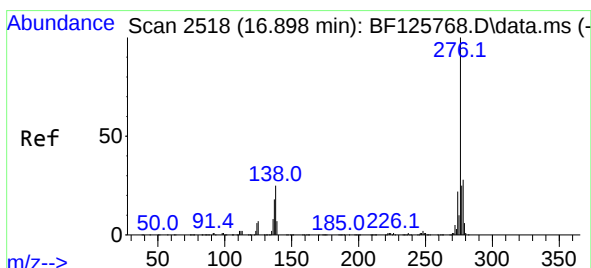
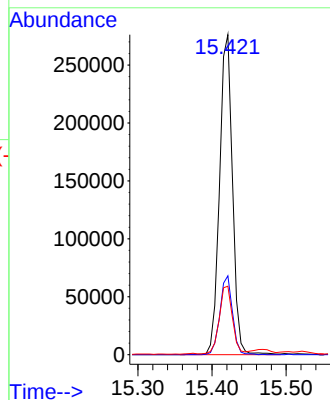
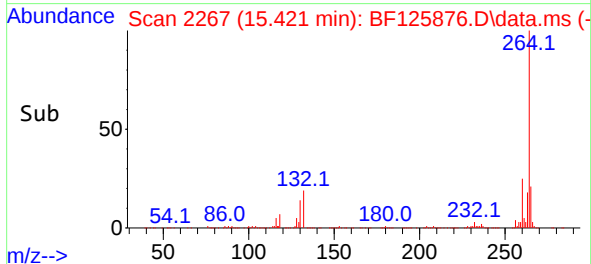
Instrument :
BNA_F
ClientSampled :
MH-CB-(1)



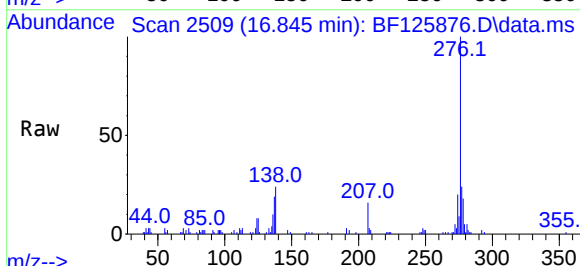
Tgt Ion:264 Resp: 335016
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 21.4 17.2 25.8

Manual Integrations
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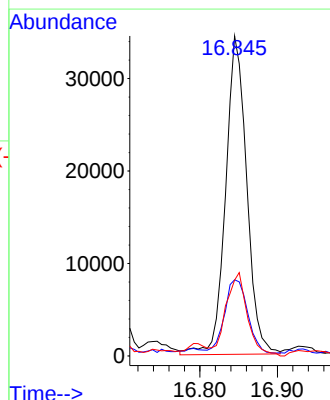
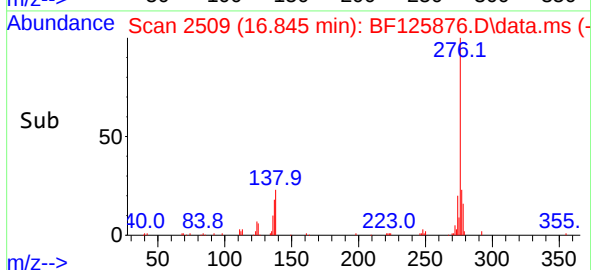
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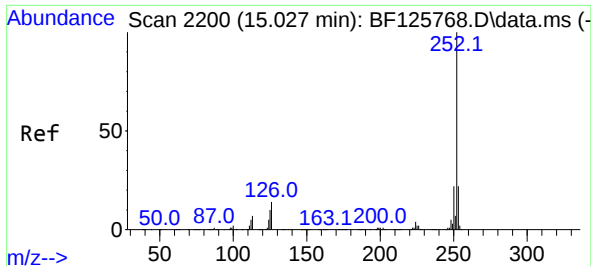


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.56 ng
RT: 16.845 min Scan# 2509
Delta R.T. -0.018 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



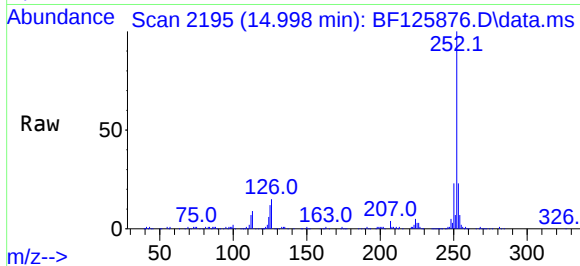
Tgt Ion:276 Resp: 65463
Ion Ratio Lower Upper
276 100
138 24.9 24.1 36.1
277 26.8 18.8 28.2





#88
Benzo(b)fluoranthene
Concen: 10.75 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

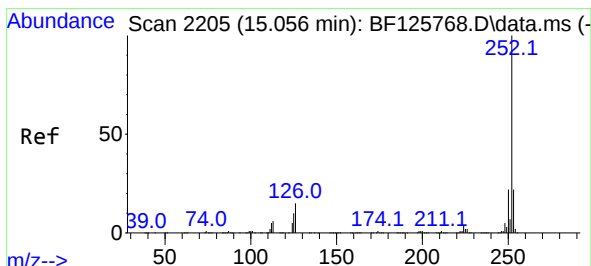
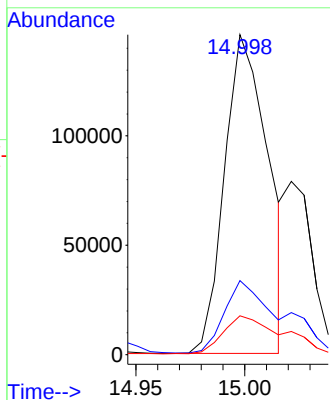
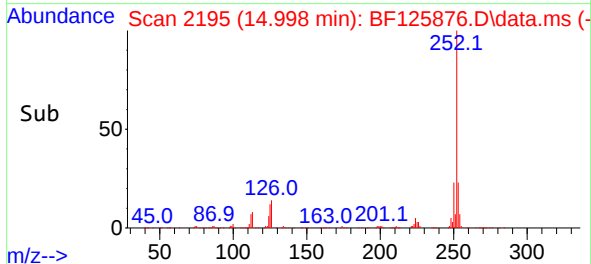
Instrument :
BNA_F
ClientSampleId :
MH-CB-(1)



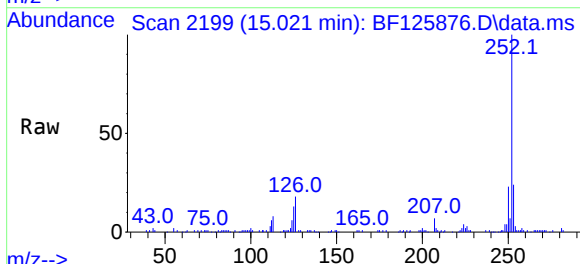
Tgt Ion:252 Resp: 203231
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 12.2 9.8 14.8

Manual Integrations
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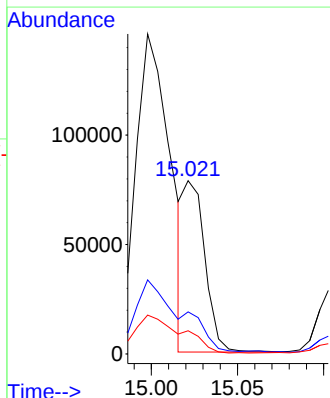
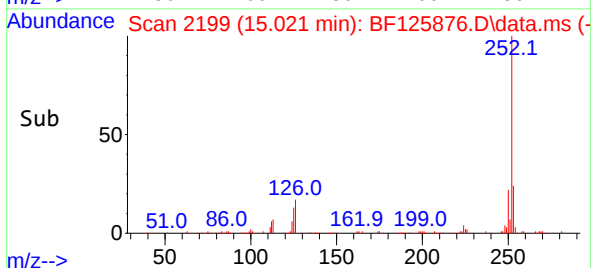
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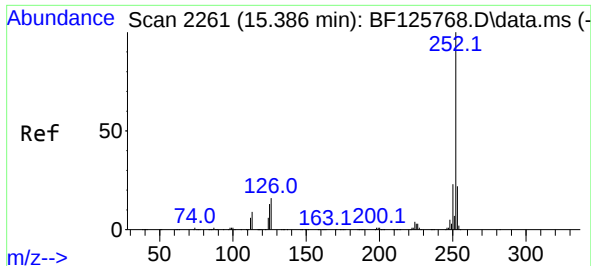


#89
Benzo(k)fluoranthene
Concen: 3.43 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



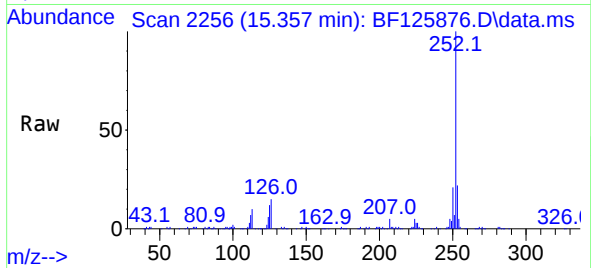
Tgt Ion:252 Resp: 66659
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 13.4 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 8.72 ng
RT: 15.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37

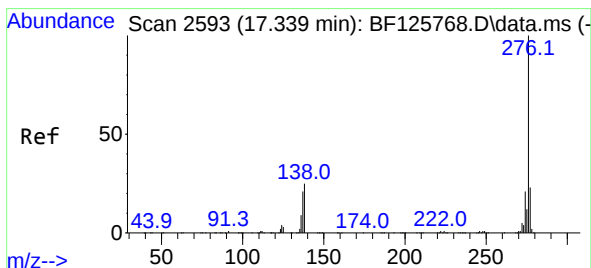
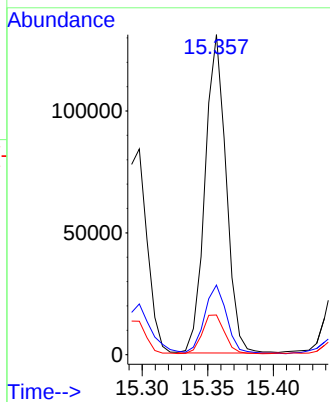
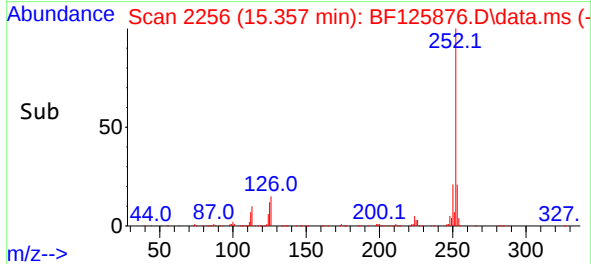
Instrument :
BNA_F
ClientSampleId :
MH-CB-(1)



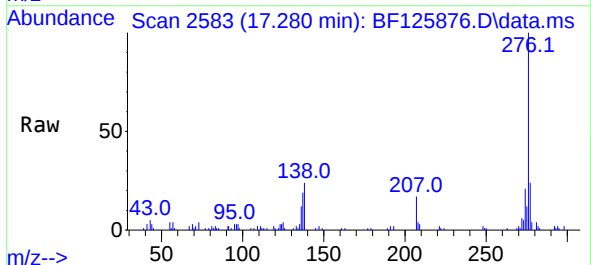
Tgt Ion:252 Resp: 146006
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 12.4 9.9 14.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.93 ng
RT: 17.280 min Scan# 2583
Delta R.T. -0.018 min
Lab File: BF125876.D
Acq: 18 Oct 2021 14:37



Tgt Ion:276 Resp: 63076
Ion Ratio Lower Upper
276 100
277 23.6 22.0 33.0
138 24.3 22.2 33.4

