

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130889.D
 Acq On : 31 Oct 2022 20:26
 Operator : CG\JU
 Sample : N5359-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-102822

Manual Integrations
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Reviewed By : Christian Giraldo 11/01/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Nov 01 02:32:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	76885	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	259328	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	117036	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	199632	20.000	ng	0.00
76) Chrysene-d12	14.139	240	149317	20.000	ng	0.00
86) Perylene-d12	15.657	264	112556	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	216048	48.715	ng	0.00
7) Phenol-d6	6.557	99	266473	46.237	ng	0.00
23) Nitrobenzene-d5	7.498	82	162693	37.829	ng	-0.02
42) 2,4,6-Tribromophenol	10.775	330	51194	51.963	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	275937	35.646	ng	0.00
79) Terphenyl-d14	13.074	244	279402	34.289	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	9.845	152	74001	7.004	ng	100
52) Acenaphthene	10.022	154	21793	3.336	ng	97
58) Fluorene	10.533	166	53210	7.136	ng	99
71) Phenanthrene	11.510	178	701774	68.109	ng	100
72) Anthracene	11.557	178	176817	17.398	ng	99
73) Carbazole	11.710	167	57756	6.346	ng	99
75) Fluoranthene	12.710	202	1569517	143.367	ng	99
78) Pyrene	12.945	202	1436877	114.060	ng	99
81) Benzo(a)anthracene	14.127	228	818845	82.714	ng	96
83) Chrysene	14.168	228	707287	74.069	ng	98
84) Bis(2-ethylhexyl)phtha...	14.104	149	56800	10.423	ng	97
87) Indeno(1,2,3-cd)pyrene	17.209	276	275086m	36.803	ng	
88) Benzo(b)fluoranthene	15.210	252	710098m	97.595	ng	
89) Benzo(k)fluoranthene	15.239	252	256987m	36.247	ng	
90) Benzo(a)pyrene	15.598	252	485645	83.031	ng	97
91) Dibenzo(a,h)anthracene	17.221	278	73237	12.019	ng	93
92) Benzo(g,h,i)perylene	17.686	276	243000	39.090	ng	98

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

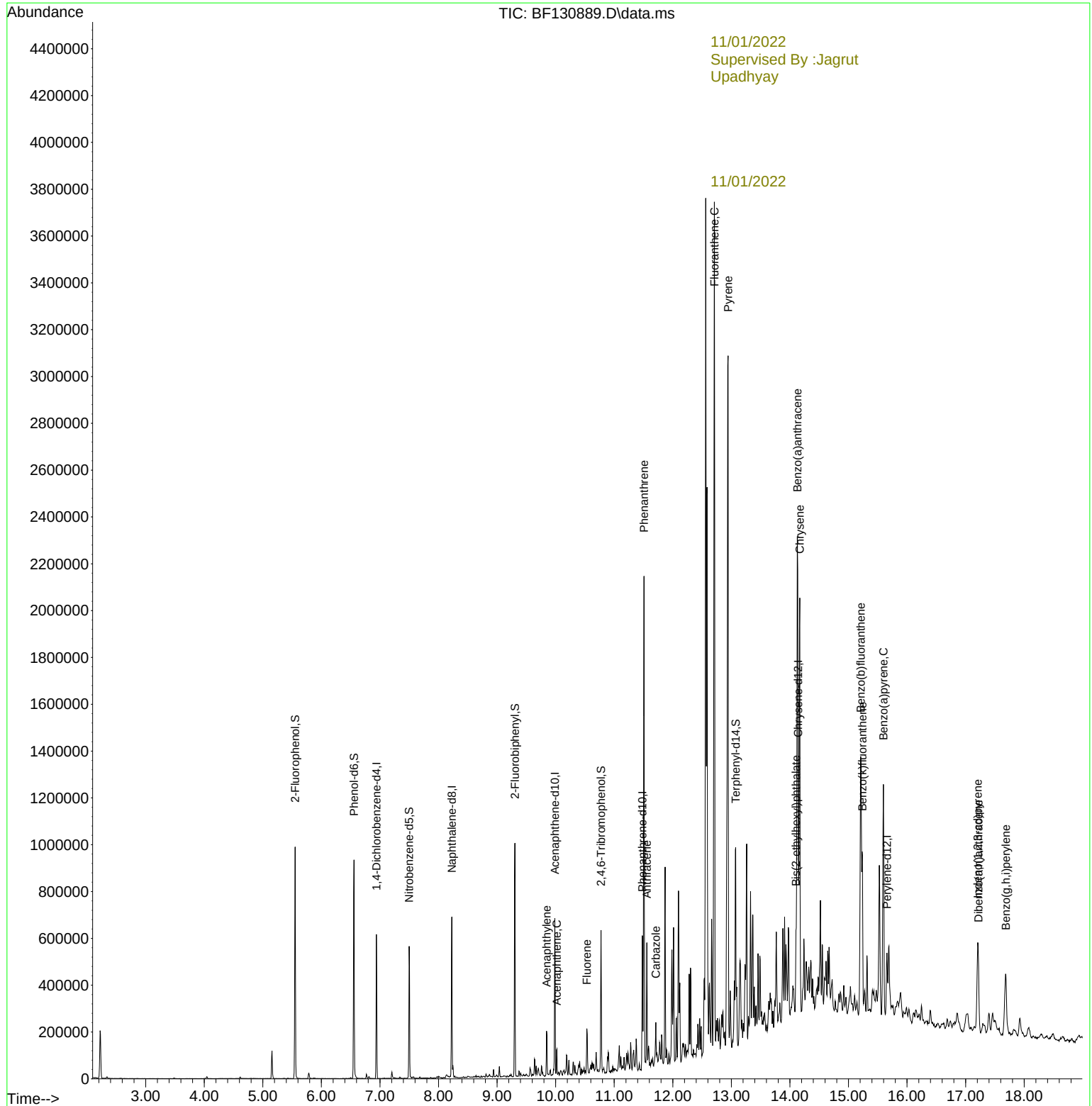
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
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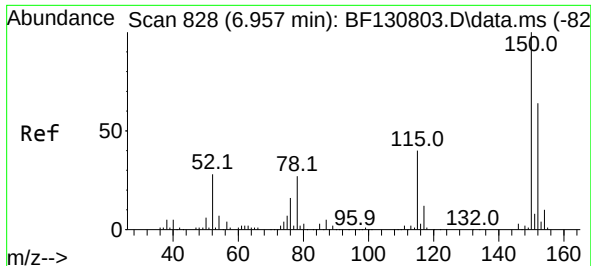
Instrument :
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Quant Time: Nov 01 02:32:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 05:41:34 2022
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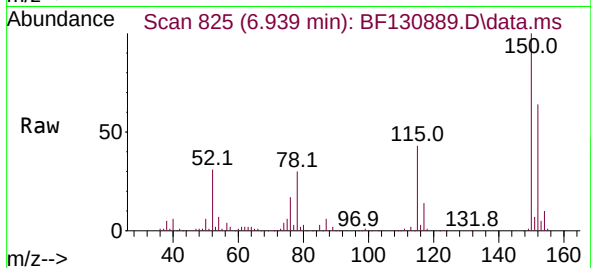
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Supervised By :Jagrut Upadhyay 11/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130889.D
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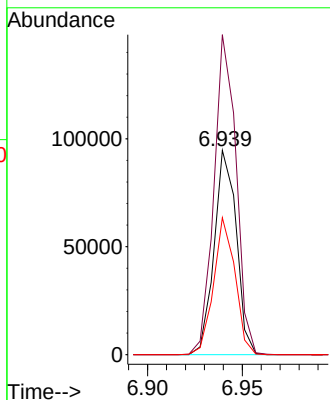
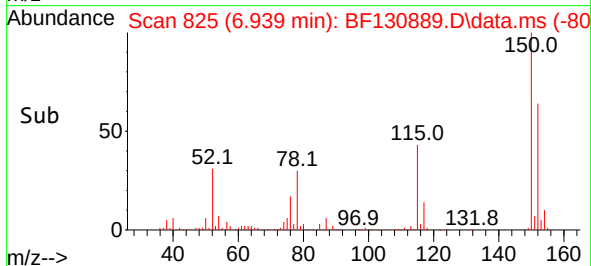
Instrument :
BNA_F
ClientSampleId :
HD-01-102822



Tgt Ion:152 Resp: 76885
Ion Ratio Lower Upper
152 100
150 156.7 124.1 186.1
115 67.1 50.1 75.1

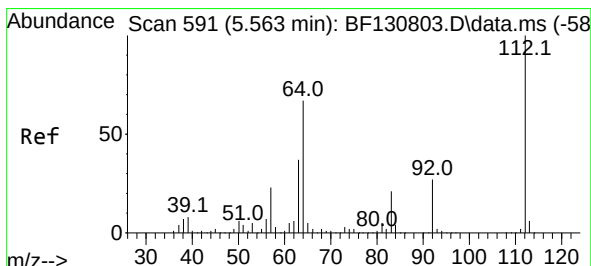
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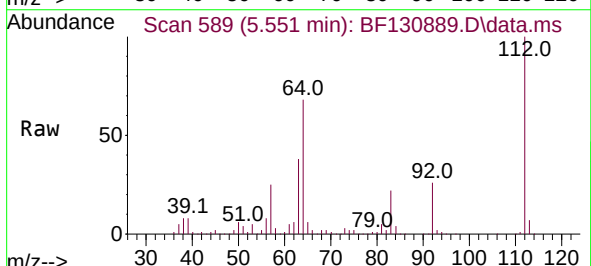


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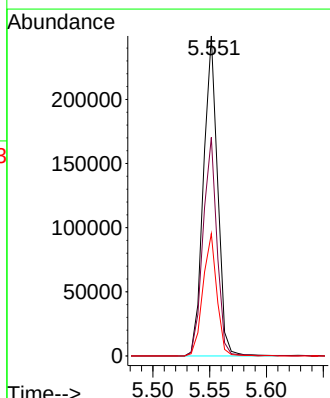
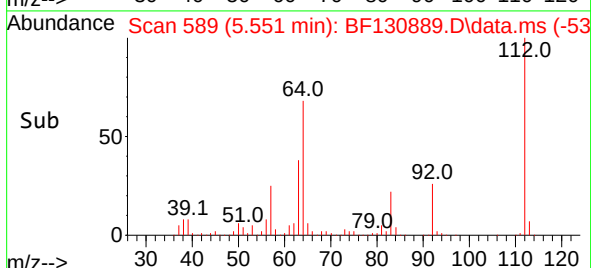
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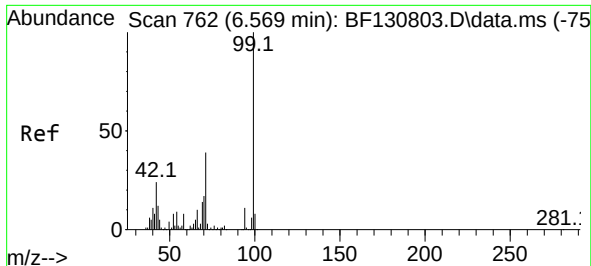


#5
2-Fluorophenol
Concen: 48.715 ng
RT: 5.551 min Scan# 589
Delta R.T. -0.006 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26



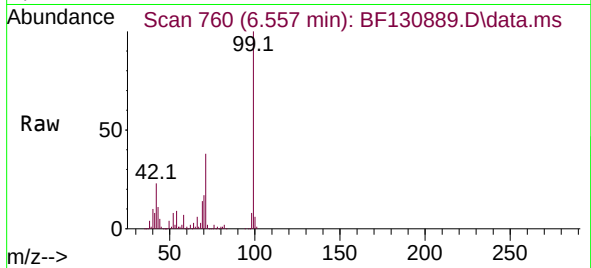
Tgt Ion:112 Resp: 216048
Ion Ratio Lower Upper
112 100
64 68.3 53.9 80.9
63 38.2 29.4 44.2





#7
Phenol-d6
Concen: 46.237 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

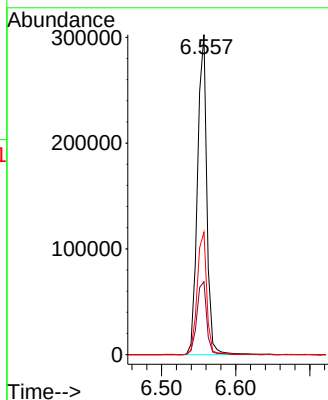
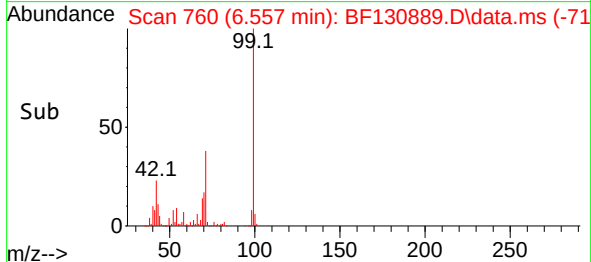
Instrument :
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Tgt Ion: 99 Resp: 266473
Ion Ratio Lower Upper
99 100
42 22.8 18.8 28.2
71 38.3 31.4 47.0

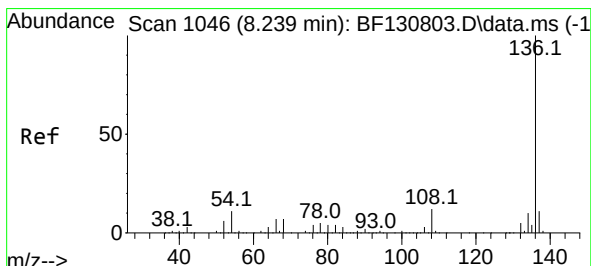
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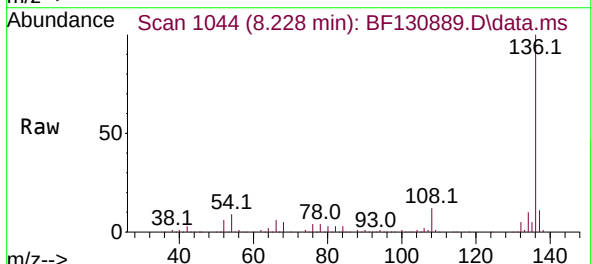


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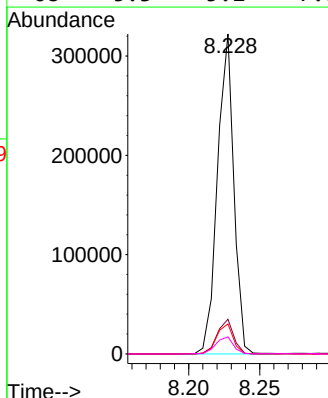
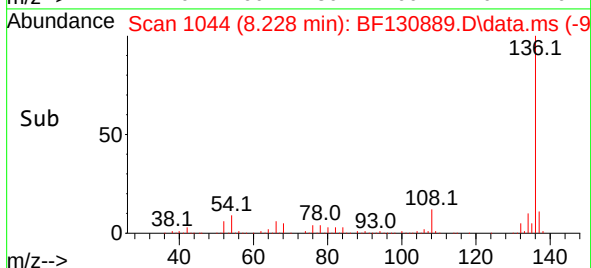
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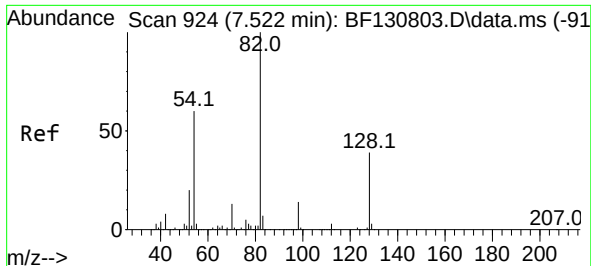


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26



Tgt Ion:136 Resp: 259328
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.4 8.8 13.2
68 5.3 5.2 7.8





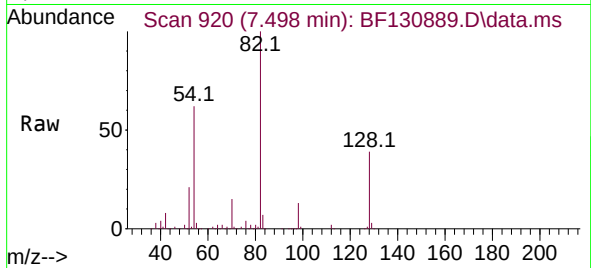
#23
Nitrobenzene-d5
Concen: 37.829 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

Instrument :

BNA_F

ClientSampleId :

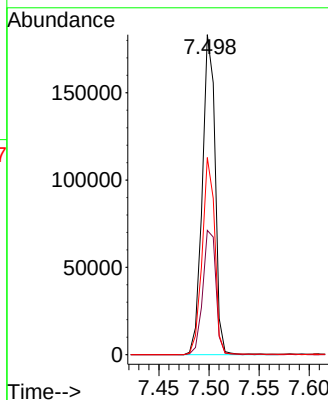
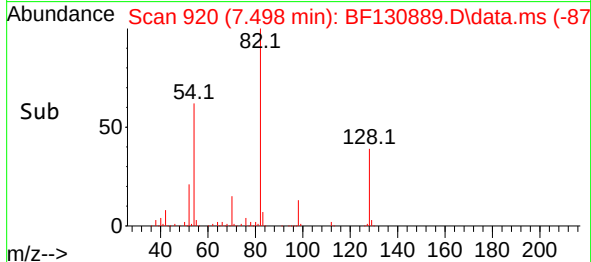
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Tgt Ion: 82 Resp: 162693
Ion Ratio Lower Upper
82 100
128 38.8 31.2 46.8
54 61.6 48.0 72.0

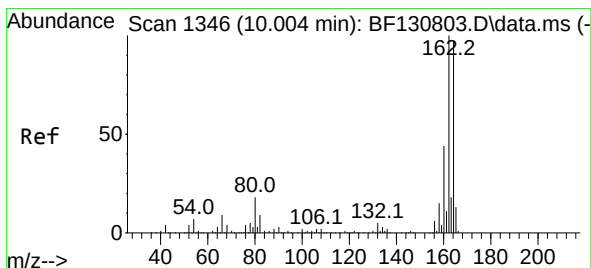
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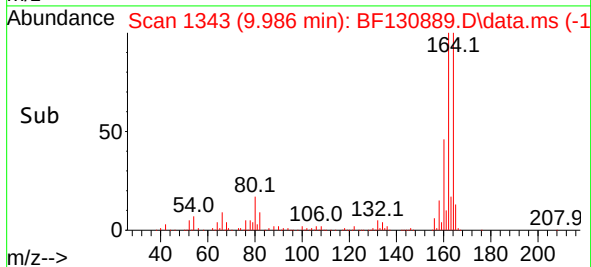
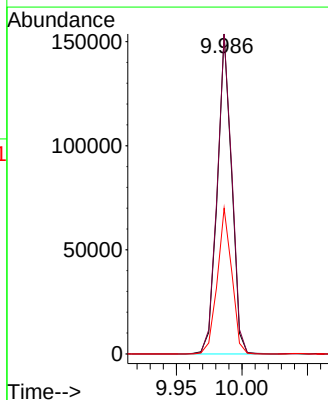
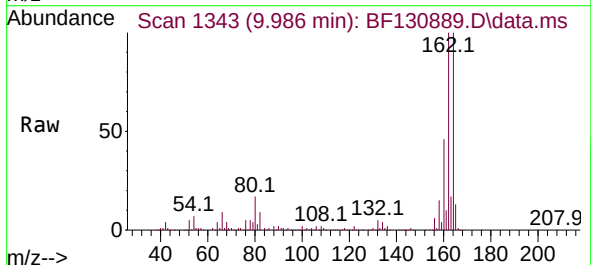
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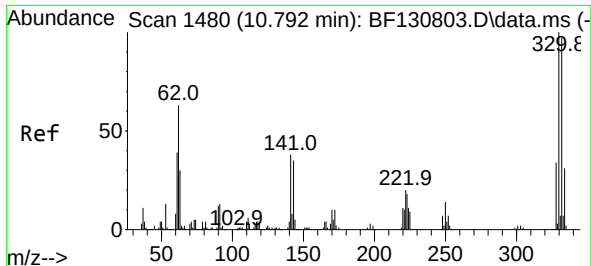
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

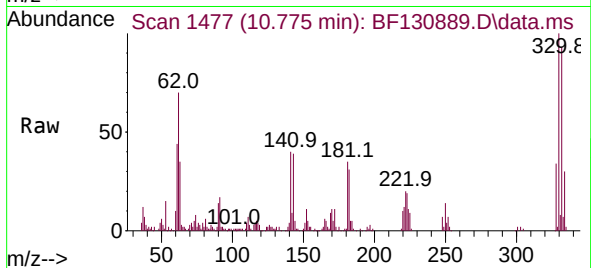
Tgt Ion:164 Resp: 117036
Ion Ratio Lower Upper
164 100
162 99.9 82.2 123.2
160 45.6 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 51.963 ng
RT: 10.775 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

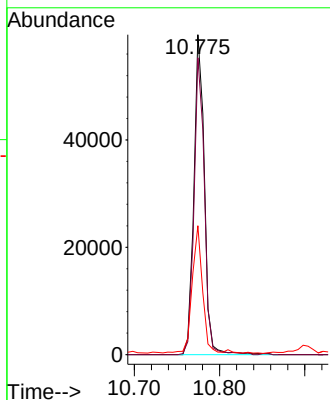
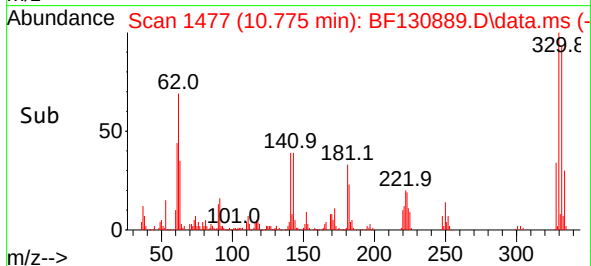
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 330 Resp: 51194
Ion Ratio Lower Upper
330 100
332 91.9 76.2 114.4
141 38.7 31.4 47.0

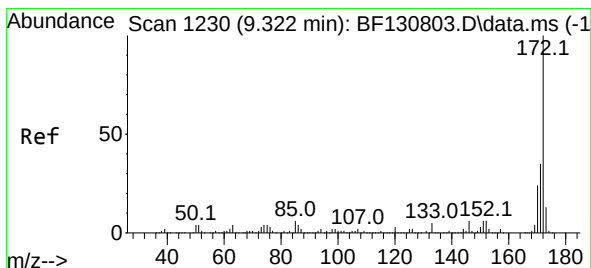
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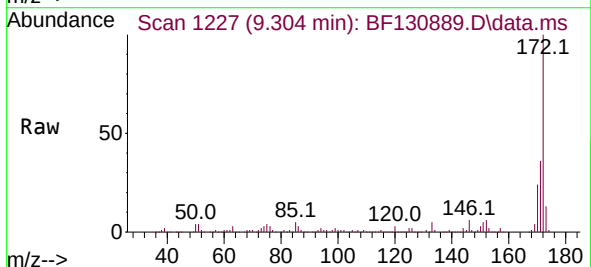


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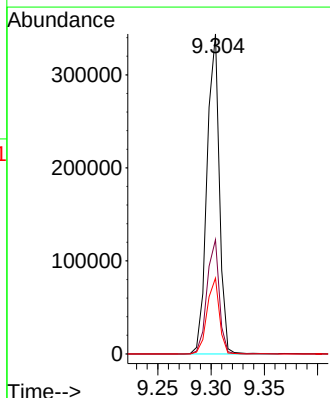
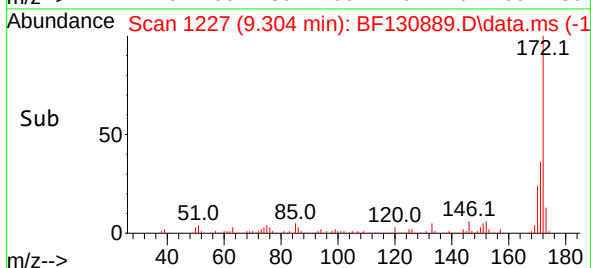
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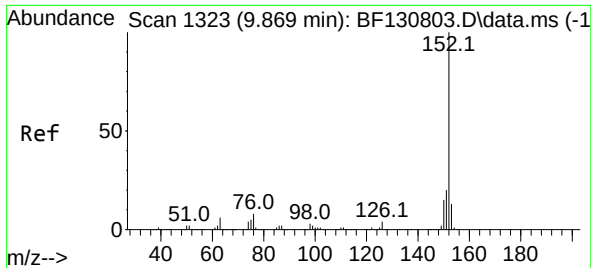


#45
2-Fluorobiphenyl
Concen: 35.646 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26



Tgt Ion: 172 Resp: 275937
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.7 19.0 28.4





#49
Acenaphthylene
Concen: 7.004 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

Instrument :

BNA_F

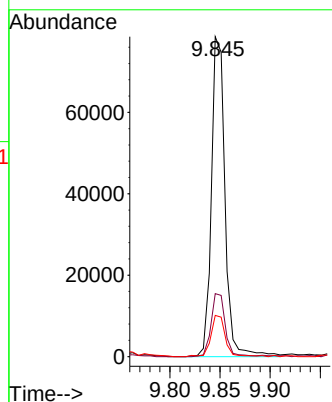
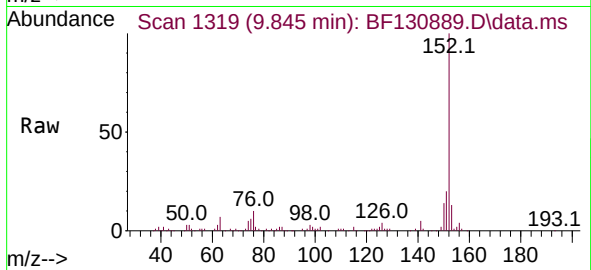
ClientSampleId :

HD-01-102822

Tgt Ion:152 Resp: 7400
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.9 10.2 15.4

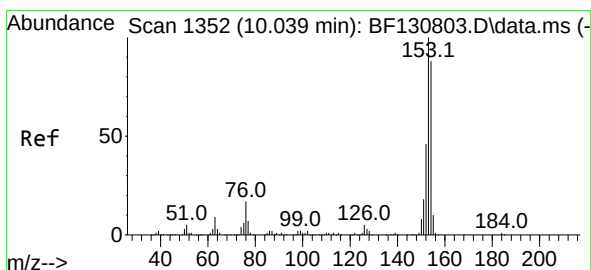
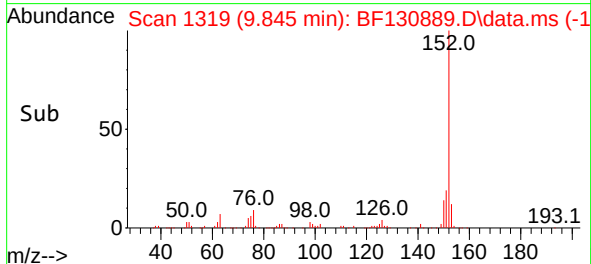
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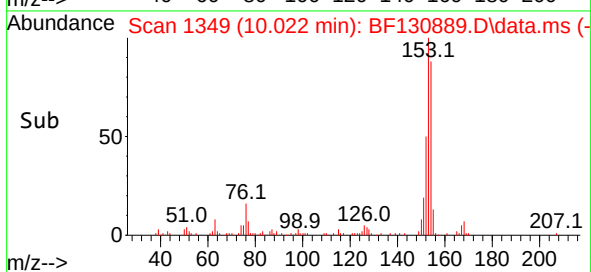
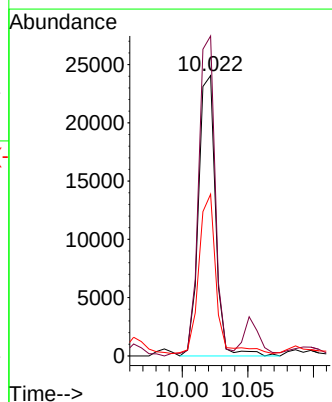
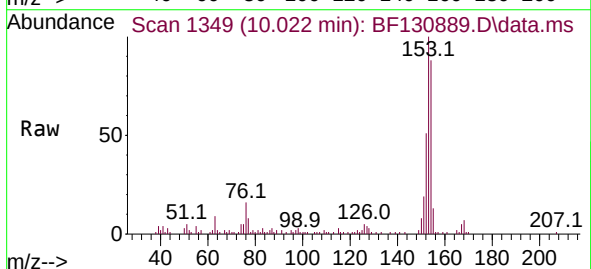
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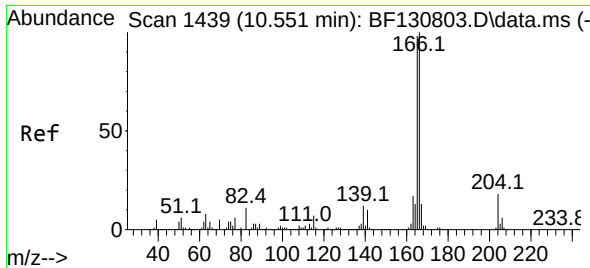
11/01/2022



#52
Acenaphthene
Concen: 3.336 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

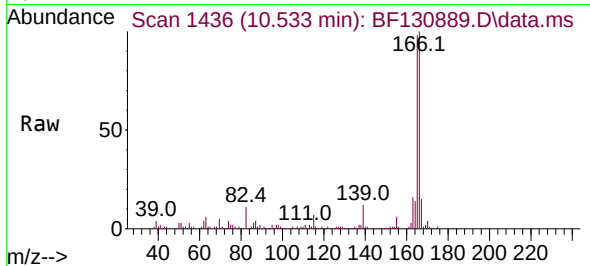
Tgt Ion:154 Resp: 21793
Ion Ratio Lower Upper
154 100
153 114.2 90.5 135.7
152 57.7 42.0 63.0





#58
Fluorene
Concen: 7.136 ng
RT: 10.533 min Scan# 1439
Delta R.T. -0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

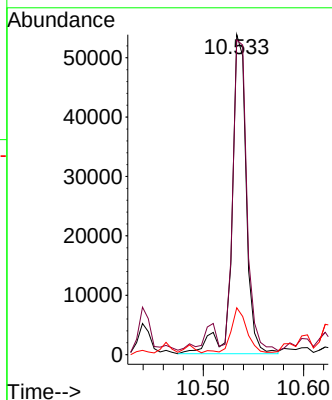
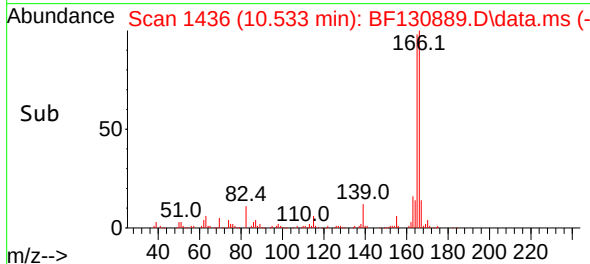
Instrument :
BNA_F
ClientSampleId :
HD-01-102822



Tgt Ion:166 Resp: 53210
Ion Ratio Lower Upper
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165 98.3 78.1 117.1
167 14.6 10.4 15.6

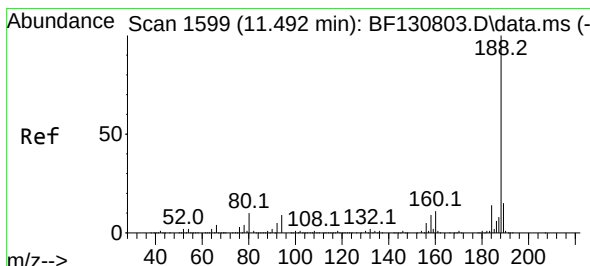
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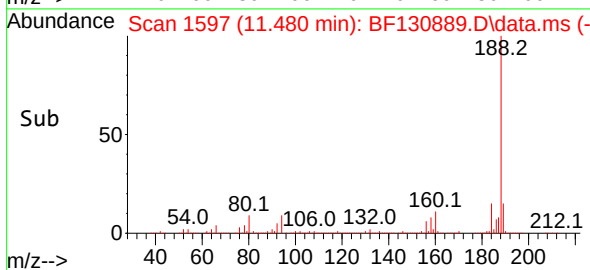
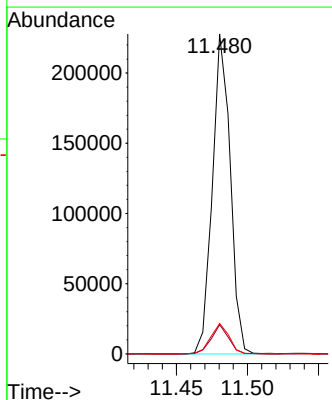
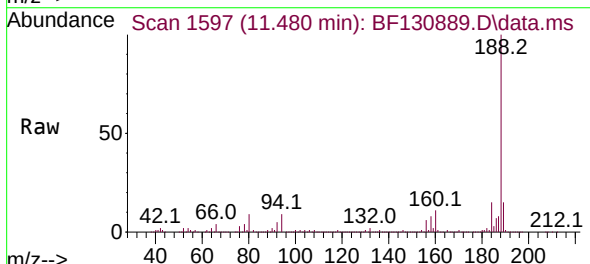
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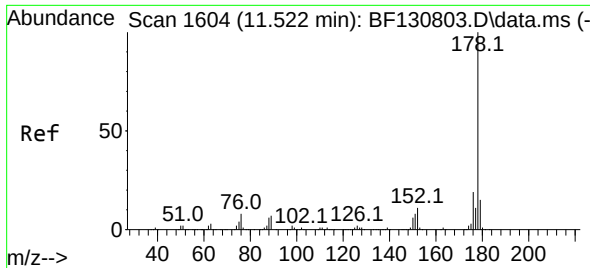
11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

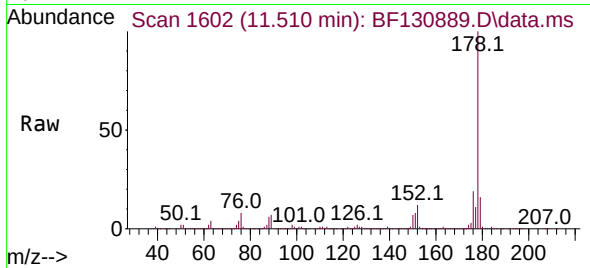
Tgt Ion:188 Resp: 199632
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.5 8.0 12.0





#71
Phenanthrene
Concen: 68.109 ng
RT: 11.510 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

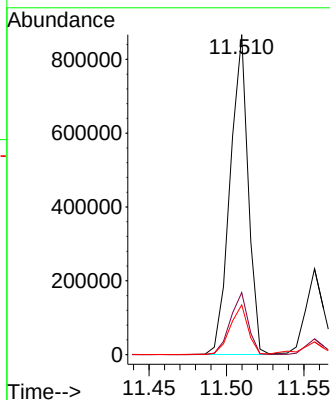
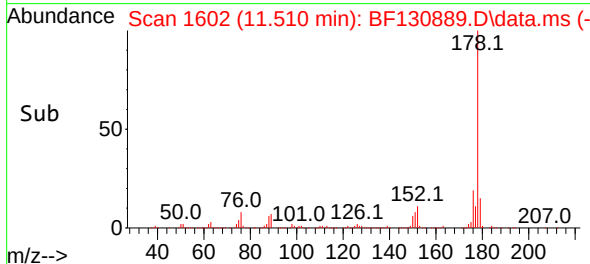
Instrument :
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HD-01-102822



Tgt Ion:178 Resp: 701774
Ion Ratio Lower Upper
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176 19.4 15.5 23.3
179 15.6 12.2 18.2

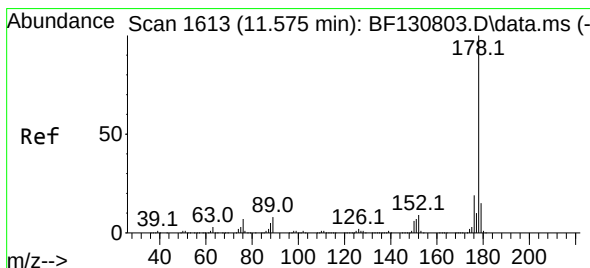
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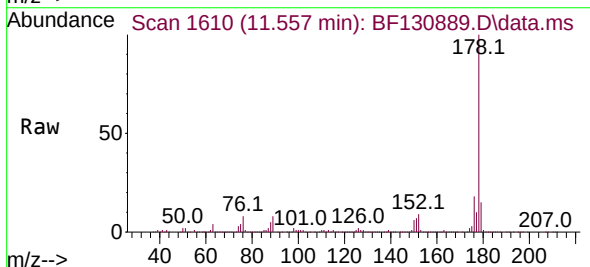


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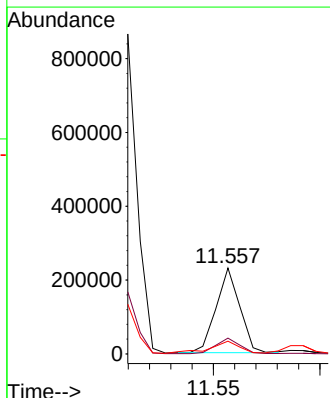
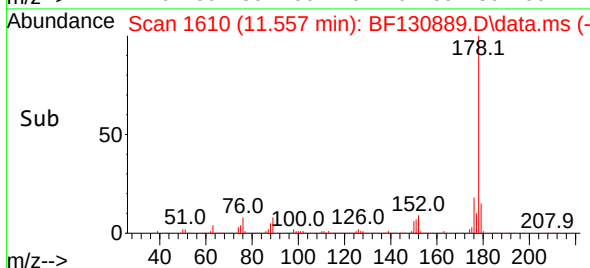
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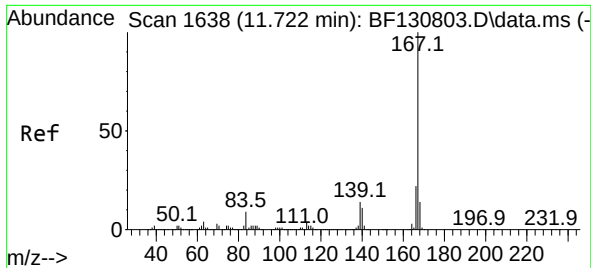


#72
Anthracene
Concen: 17.398 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26



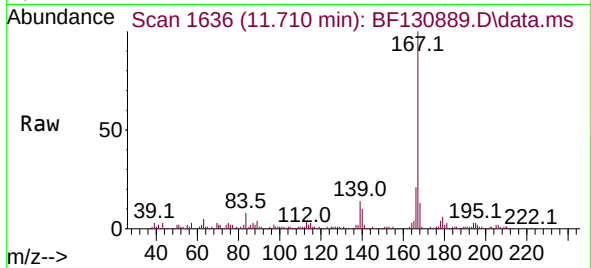
Tgt Ion:178 Resp: 176817
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 14.9 12.2 18.4





#73
 Carbazole
 Concen: 6.346 ng
 RT: 11.710 min Scan# 1636
 Delta R.T. -0.006 min
 Lab File: BF130889.D
 Acq: 31 Oct 2022 20:26

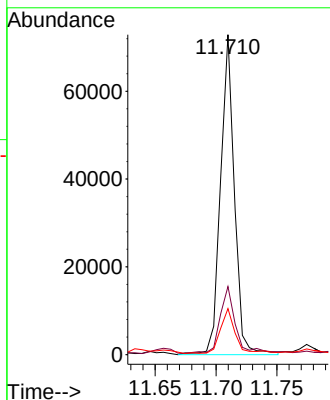
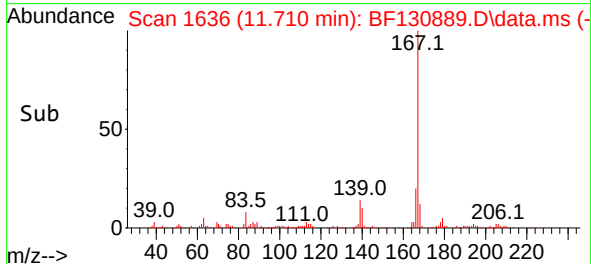
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:167 Resp: 57756
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 14.4 11.3 16.9

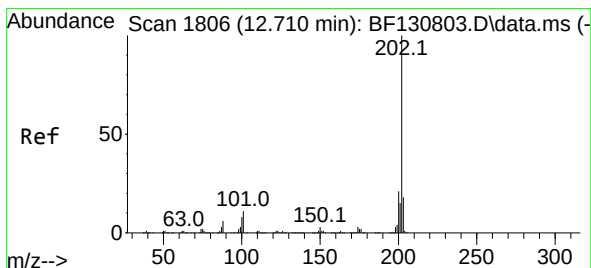
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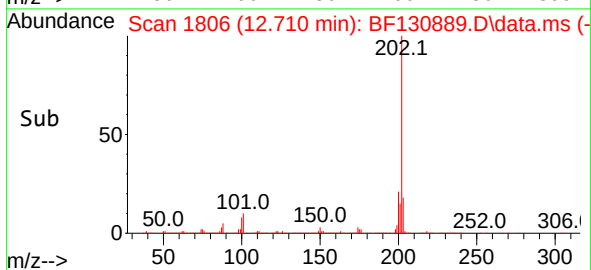
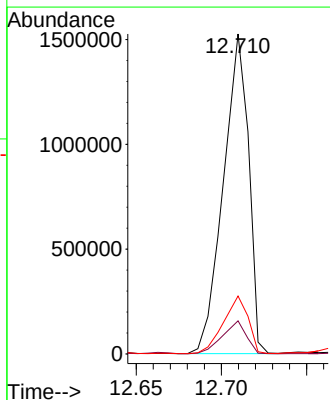
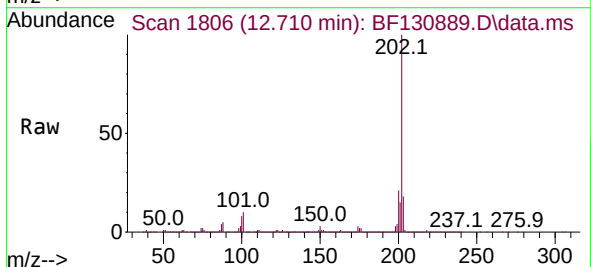
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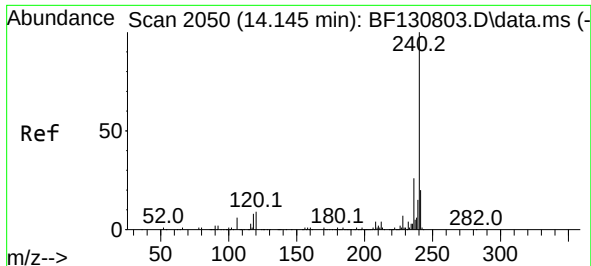
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#75
 Fluoranthene
 Concen: 143.367 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. 0.006 min
 Lab File: BF130889.D
 Acq: 31 Oct 2022 20:26

Tgt Ion:202 Resp: 1569517
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 30.9
 203 18.1 0.0 37.7





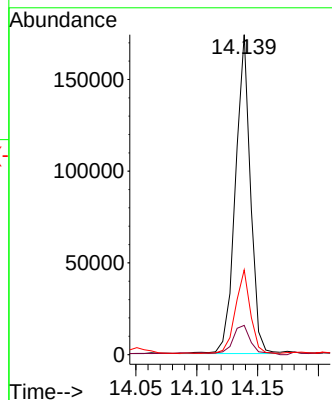
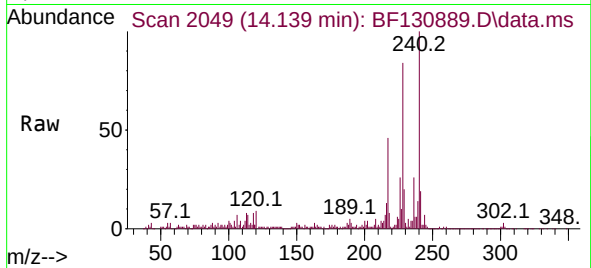
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:240 Resp: 149317
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.4
236 26.5 20.5 30.7

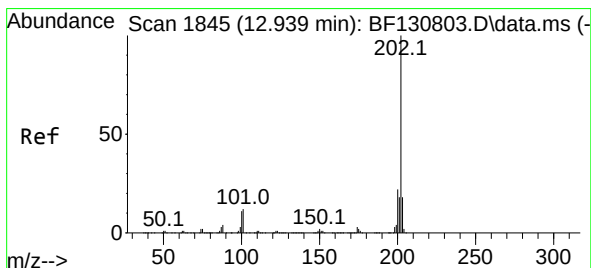
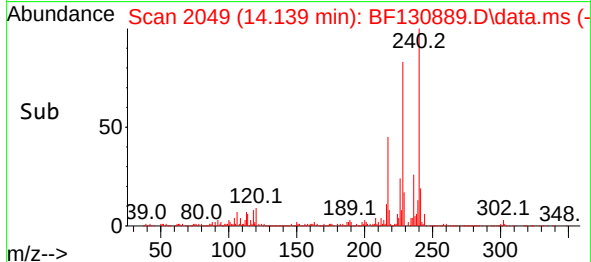
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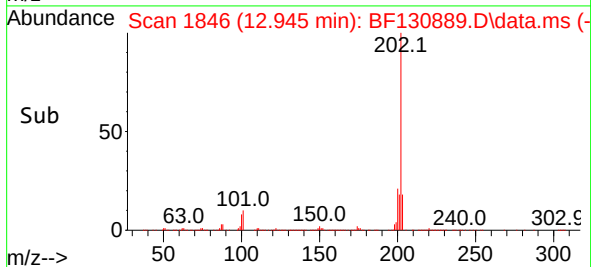
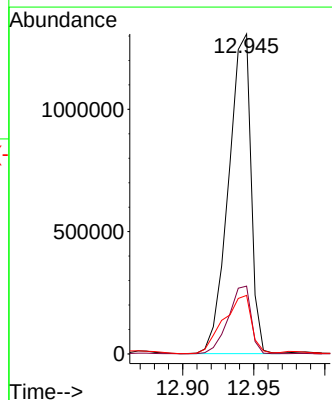
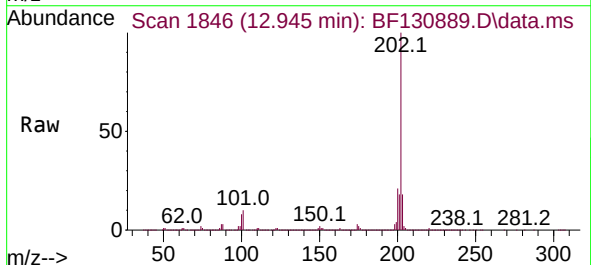
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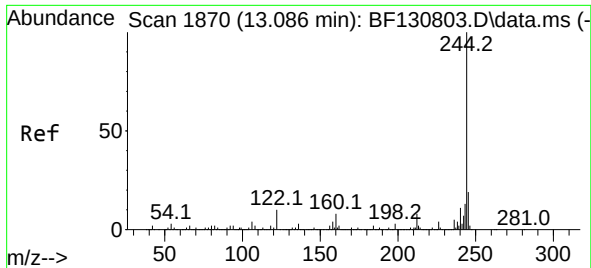
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#78
Pyrene
Concen: 114.060 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

Tgt Ion:202 Resp: 1436877
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 18.3 14.5 21.7





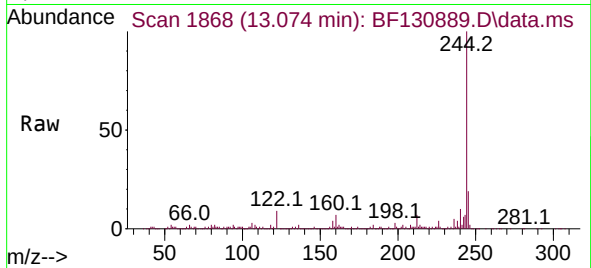
#79
 Terphenyl-d14
 Concen: 34.289 ng
 RT: 13.074 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF130889.D
 Acq: 31 Oct 2022 20:26

Instrument :

BNA_F

ClientSampleId :

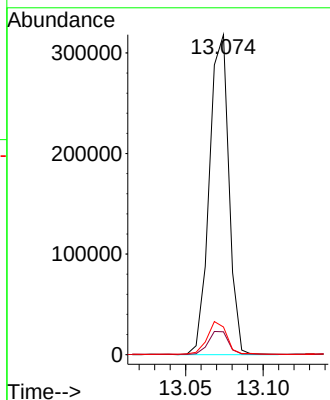
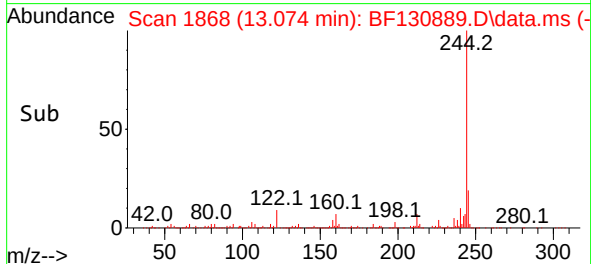
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Tgt Ion:244 Resp: 279402
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.6 7.9 11.9

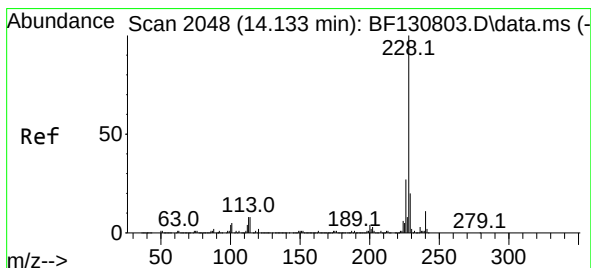
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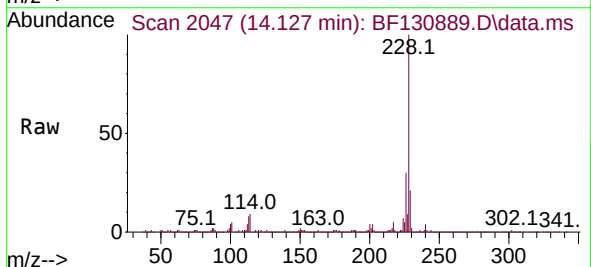


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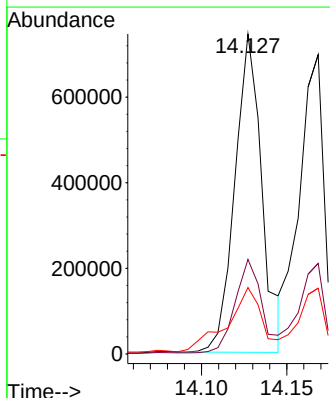
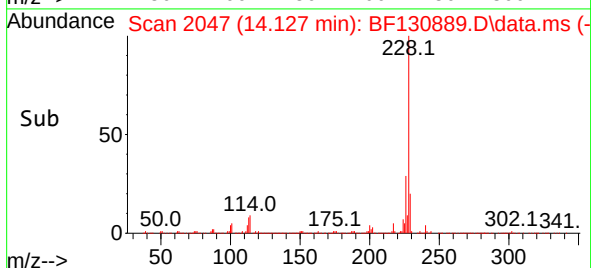
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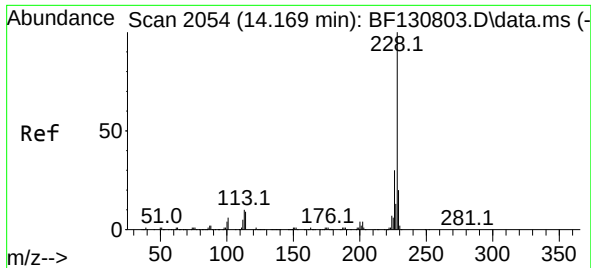


#81
 Benzo(a)anthracene
 Concen: 82.714 ng
 RT: 14.127 min Scan# 2047
 Delta R.T. 0.006 min
 Lab File: BF130889.D
 Acq: 31 Oct 2022 20:26



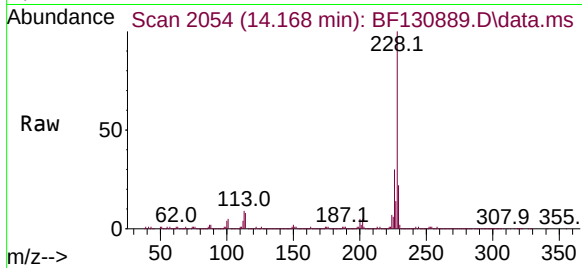
Tgt Ion:228 Resp: 818845
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.4 32.2
 229 20.7 15.8 23.6





#83
Chrysene
Concen: 74.069 ng
RT: 14.168 min Scan# 2054
Delta R.T. 0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

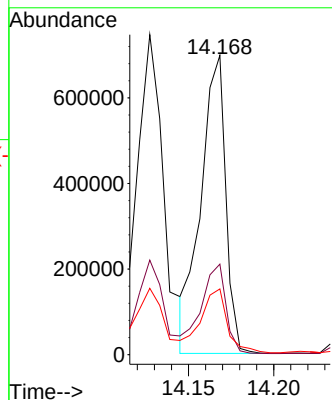
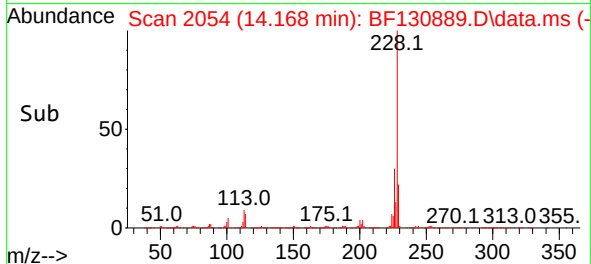
Instrument :
BNA_F
ClientSampleId :
HD-01-102822



Tgt Ion:228 Resp: 70728
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 22.0 15.8 23.6

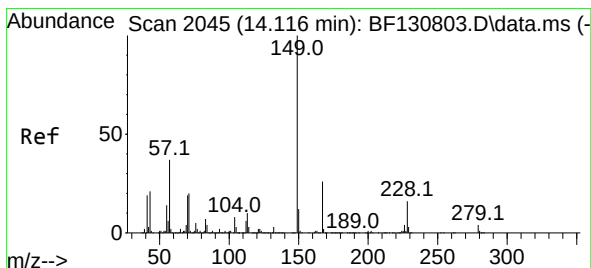
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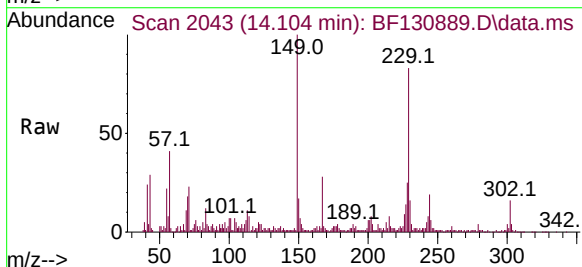


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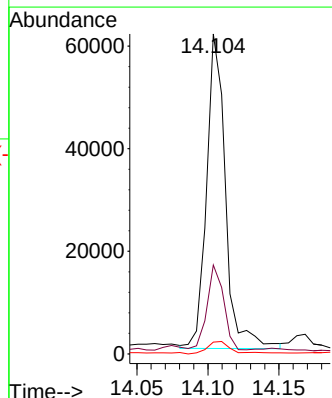
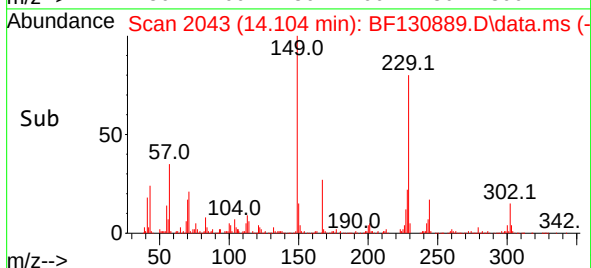
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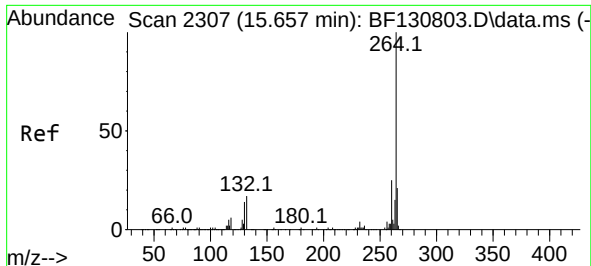


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.423 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26



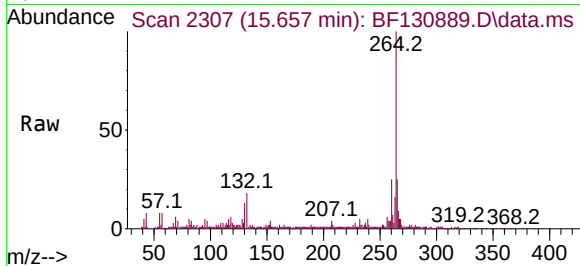
Tgt Ion:149 Resp: 56800
Ion Ratio Lower Upper
149 100
167 27.8 21.0 31.4
279 3.7 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. 0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

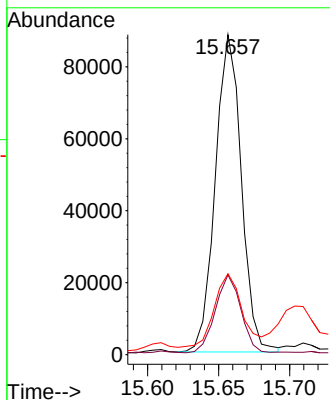
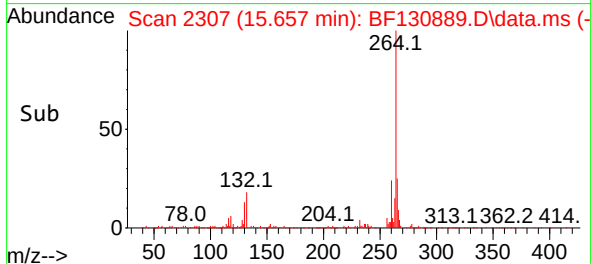
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 112556
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 25.3 17.0 25.6

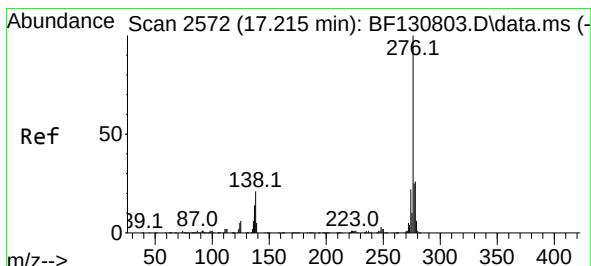
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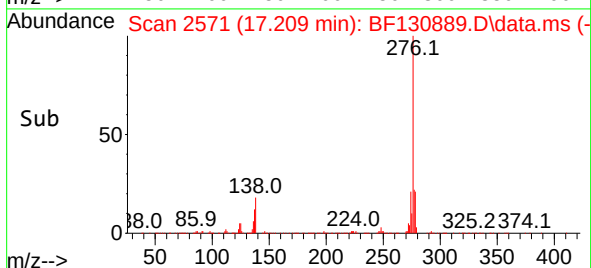
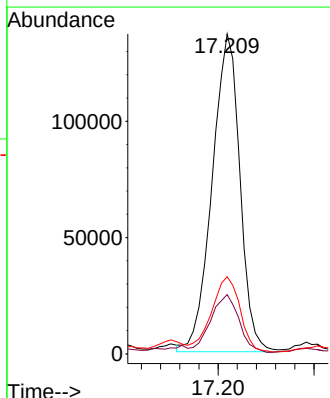
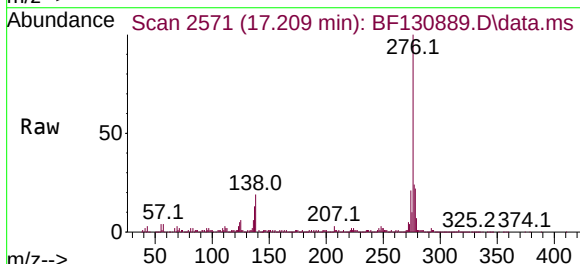
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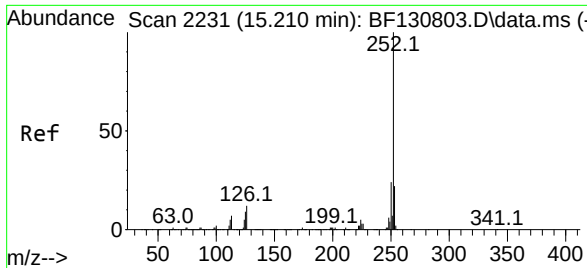
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#87
Indeno(1,2,3-cd)pyrene
Concen: 36.803 ng m
RT: 17.209 min Scan# 2571
Delta R.T. 0.018 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

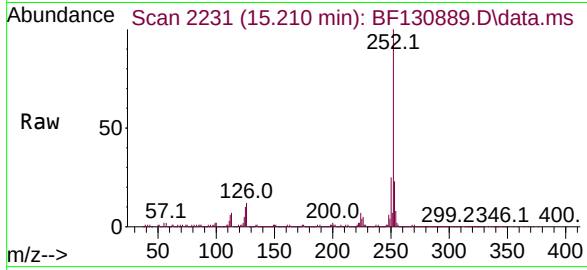
Tgt Ion:276 Resp: 275086
Ion Ratio Lower Upper
276 100
138 4.1 19.1 28.7#
277 5.0 20.1 30.1#





#88
Benzo(b)fluoranthene
Concen: 97.595 ng m
RT: 15.210 min Scan# 2231
Delta R.T. 0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

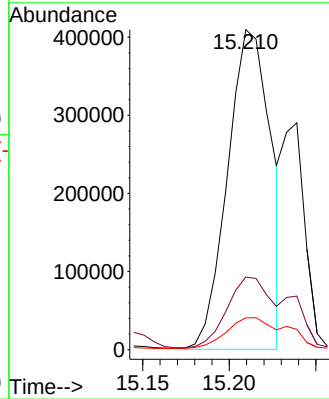
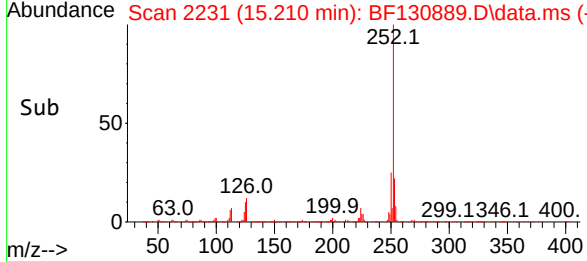
Instrument :
BNA_F
ClientSampleId :
HD-01-102822



Tgt Ion:252 Resp: 71098
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.0 7.0 10.4

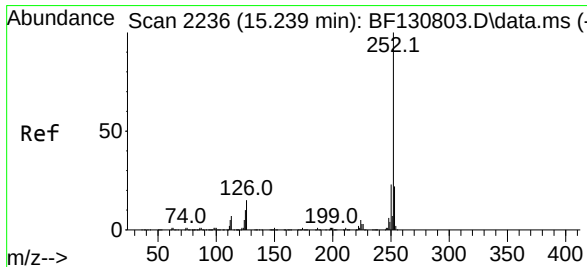
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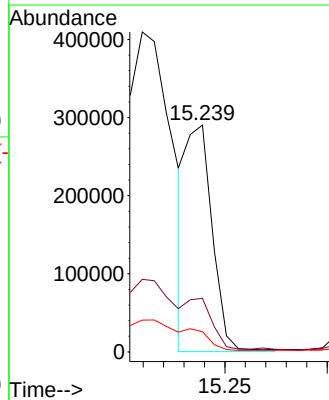
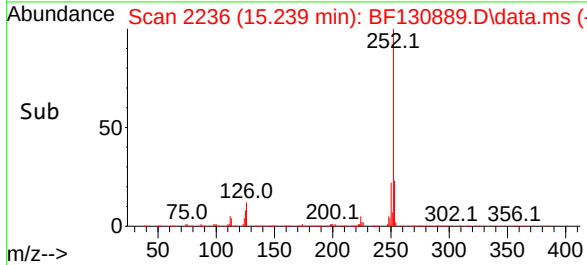
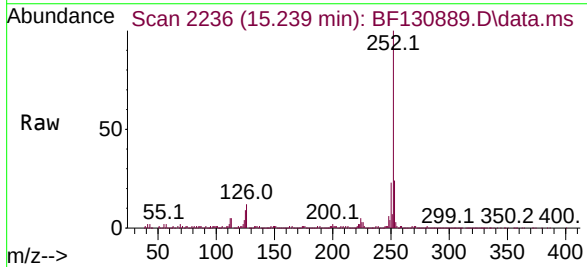
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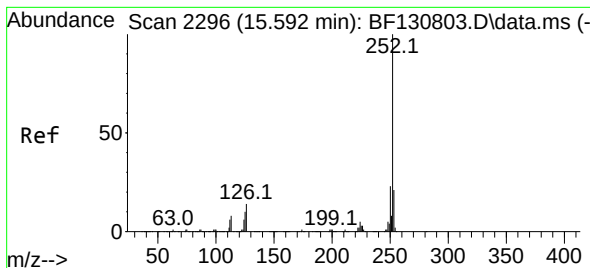
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#89
Benzo(k)fluoranthene
Concen: 36.247 ng m
RT: 15.239 min Scan# 2236
Delta R.T. 0.012 min
Lab File: BF130889.D
Acq: 31 Oct 2022 20:26

Tgt Ion:252 Resp: 256987
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 8.9 8.0 12.0





#90

Benzo(a)pyrene

Concen: 83.031 ng

RT: 15.598 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF130889.D

Acq: 31 Oct 2022 20:26

Instrument :

BNA_F

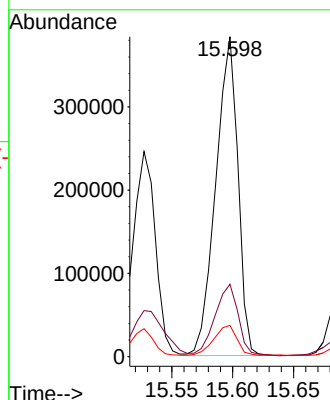
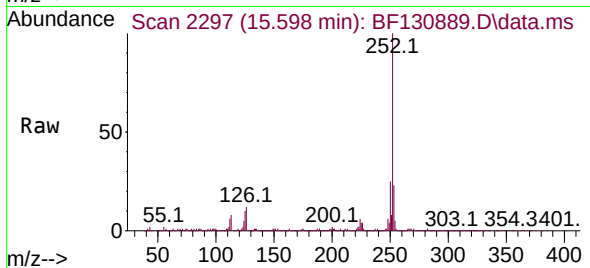
ClientSampleId :

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Tgt Ion:252 Resp: 485645
 Ion Ratio Lower Upper
 252 100
 253 22.6 16.8 25.2
 125 9.8 8.3 12.5

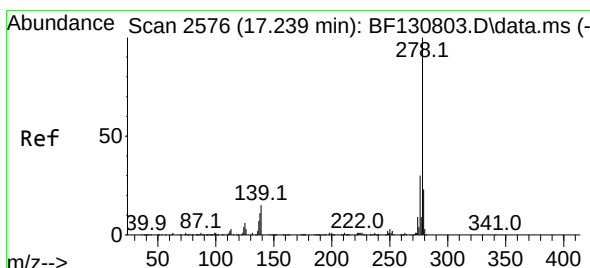
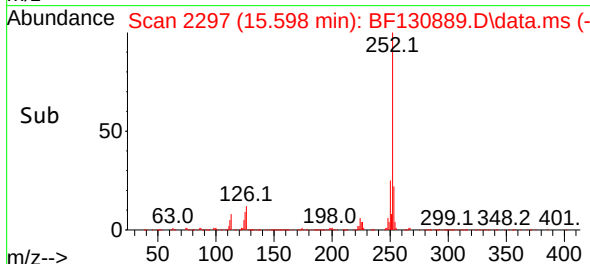
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#91

Dibenzo(a,h)anthracene

Concen: 12.019 ng

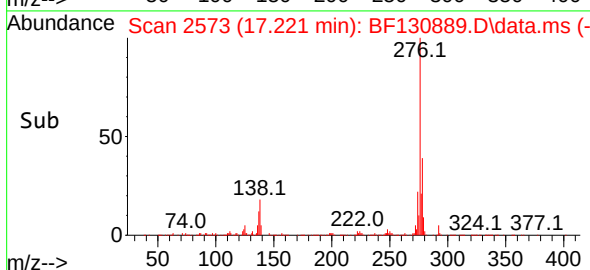
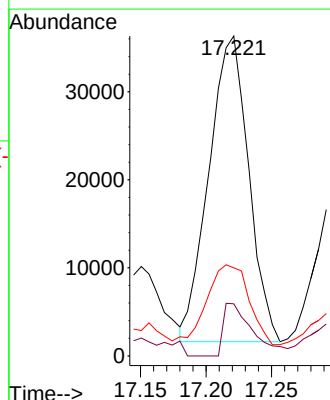
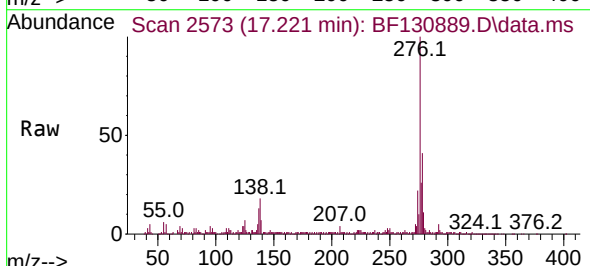
RT: 17.221 min Scan# 2573

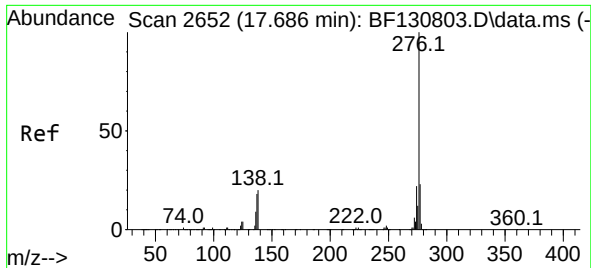
Delta R.T. 0.006 min

Lab File: BF130889.D

Acq: 31 Oct 2022 20:26

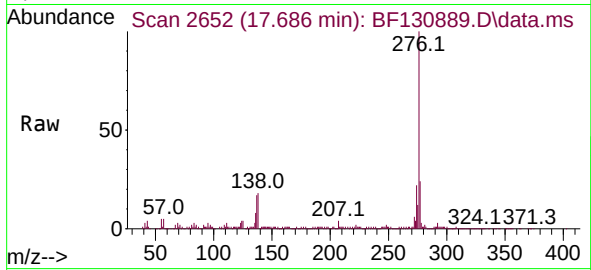
Tgt Ion:278 Resp: 73237
 Ion Ratio Lower Upper
 278 100
 139 16.3 11.9 17.9
 279 27.5 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 39.090 ng
 RT: 17.686 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF130889.D
 Acq: 31 Oct 2022 20:26

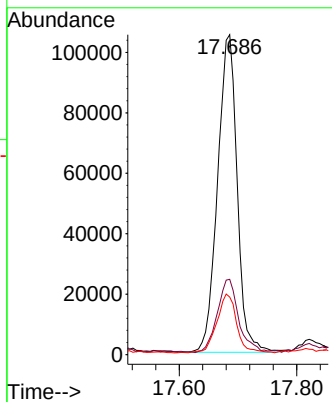
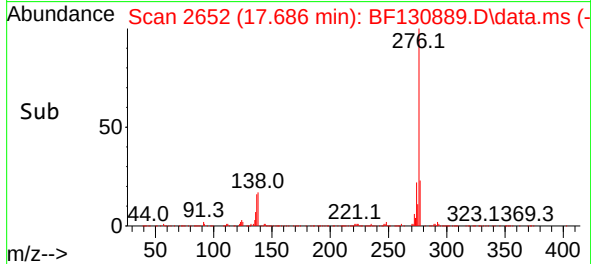
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-102822



Tgt Ion:276 Resp: 243000
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 18.0 16.3 24.5

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