

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128976.D
 Acq On : 24 Jun 2022 02:53
 Operator : CG\JU
 Sample : N3462-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-0-2-20220622

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/24/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 24 04:41:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	94714	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	323377	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	106297	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	180796	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	177724	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	127344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	83557	14.052	ng	0.00
7) Phenol-d6	6.386	99	111761	15.397	ng	0.00
23) Nitrobenzene-d5	7.292	82	70898	10.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	10237	8.151	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	93799	12.361	ng	0.00
79) Terphenyl-d14	12.833	244	98716	9.652	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.274	178	143259	15.798	ng	99
72) Anthracene	11.327	178	33255	3.705	ng	99
75) Fluoranthene	12.463	202	219467	23.153	ng	97
78) Pyrene	12.692	202	211756	16.015	ng	97
81) Benzo(a)anthracene	13.886	228	117191	10.579	ng	100
83) Chrysene	13.921	228	109313	10.350	ng	98
87) Indeno(1,2,3-cd)pyrene	16.745	276	33094m	4.312	ng	
88) Benzo(b)fluoranthene	14.921	252	107652m	13.230	ng	
89) Benzo(k)fluoranthene	14.945	252	28334m	3.702	ng	
90) Benzo(a)pyrene	15.274	252	69966m	10.940	ng	
92) Benzo(g,h,i)perylene	17.168	276	31412	4.978	ng	# 90

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

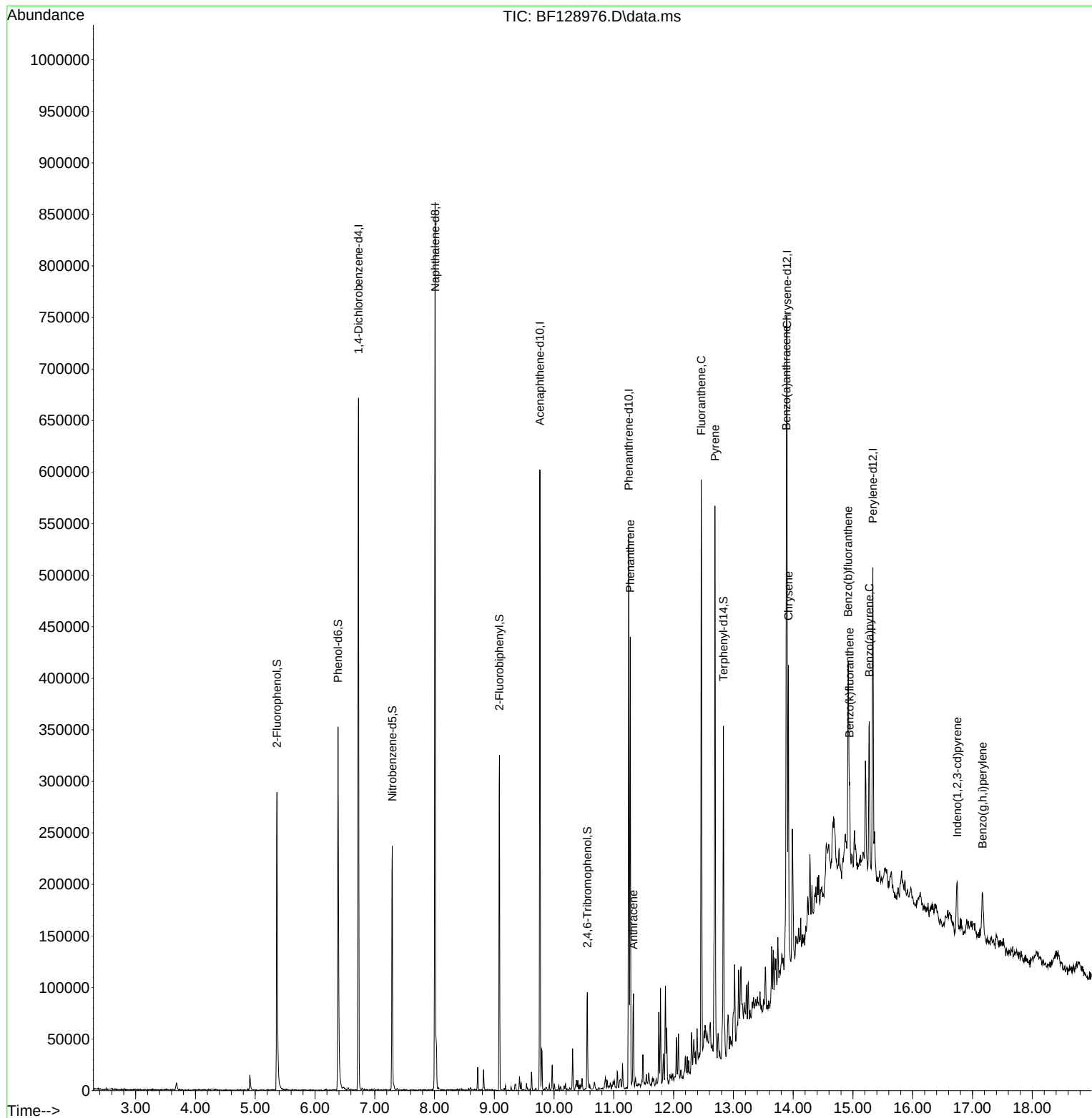
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128976.D
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ALS Vial : 21 Sample Multiplier: 1

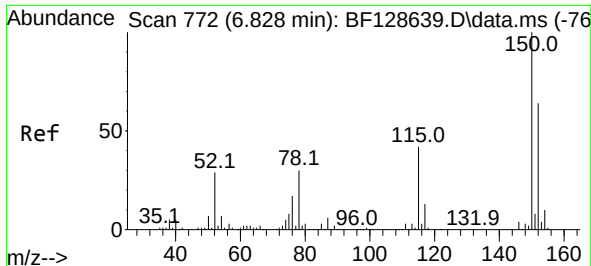
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Quant Time: Jun 24 04:41:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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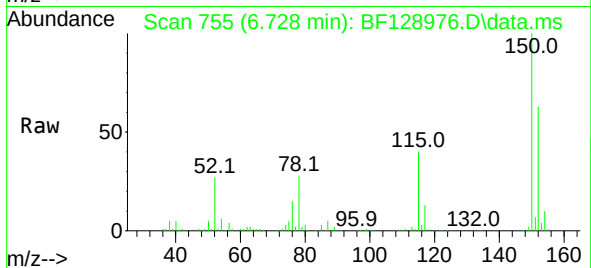
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

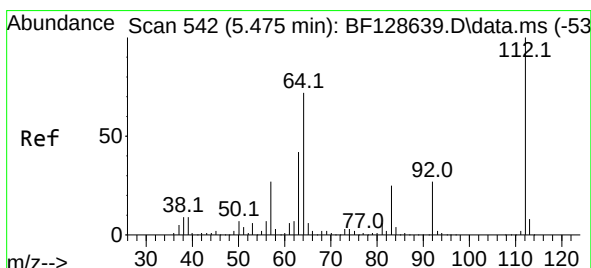
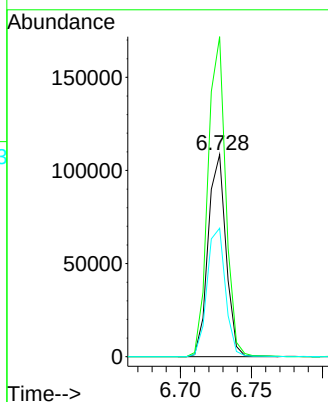
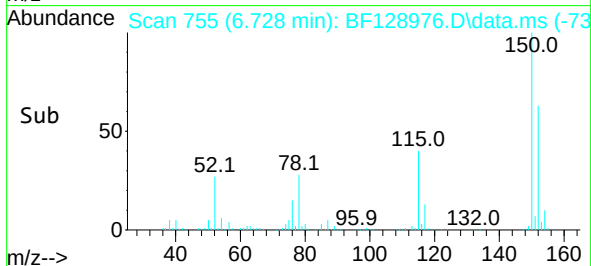
Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622



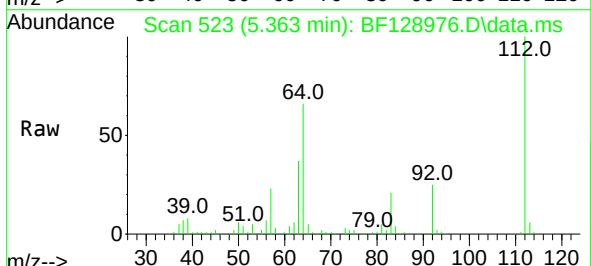
Tgt Ion:152 Resp: 94714
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 63.6 49.9 74.9

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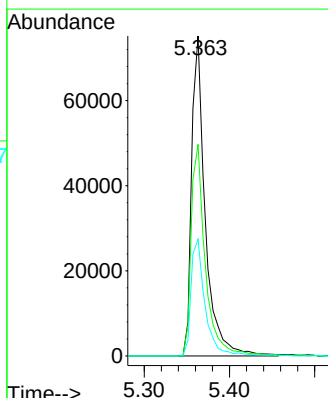
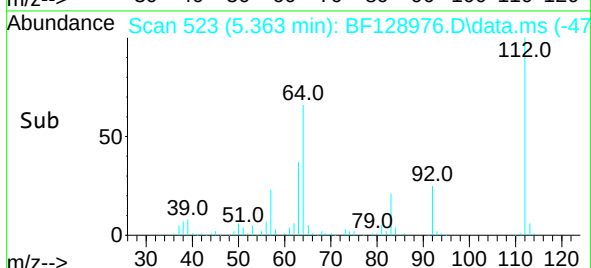
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

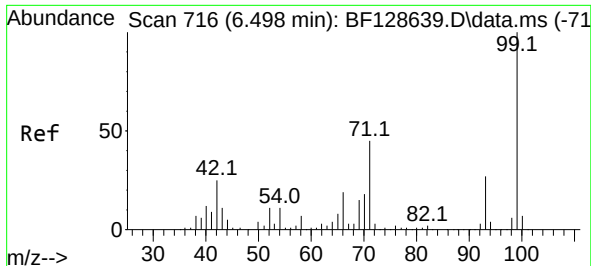


#5
2-Fluorophenol
Concen: 14.052 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53



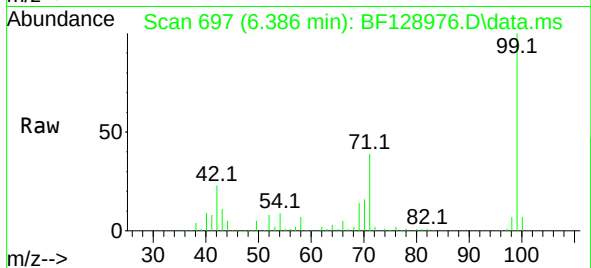
Tgt Ion:112 Resp: 83557
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 36.5 28.0 42.0





#7
Phenol-d6
Concen: 15.397 ng
RT: 6.386 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

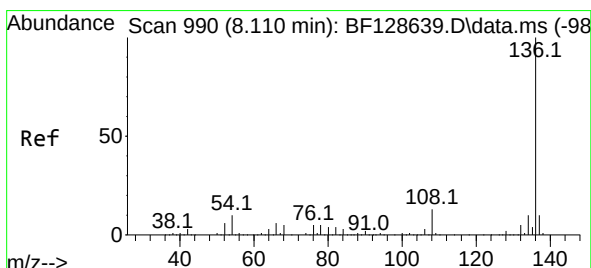
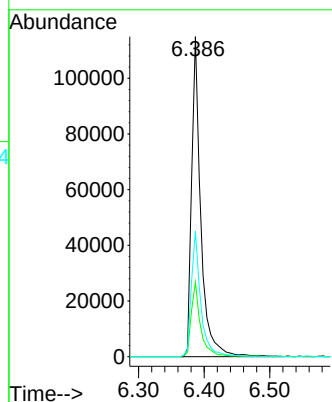
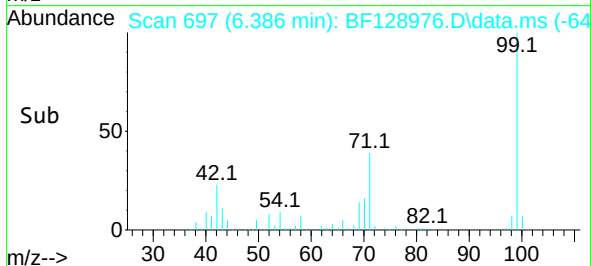
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Tgt Ion: 99 Resp: 11176
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 39.2 28.9 43.3

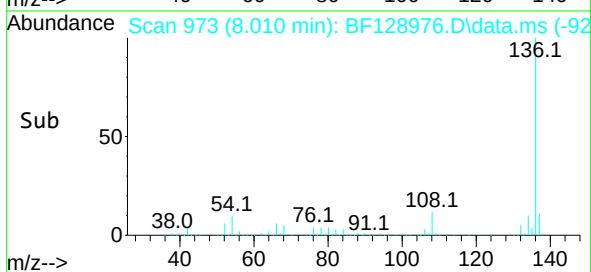
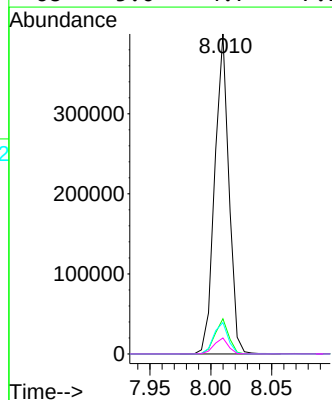
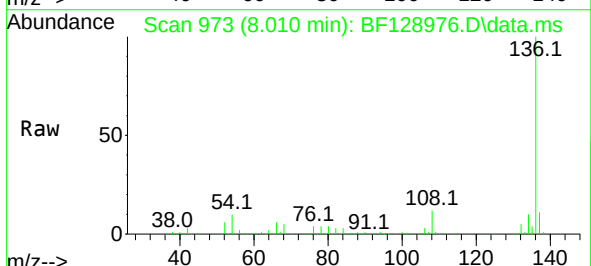
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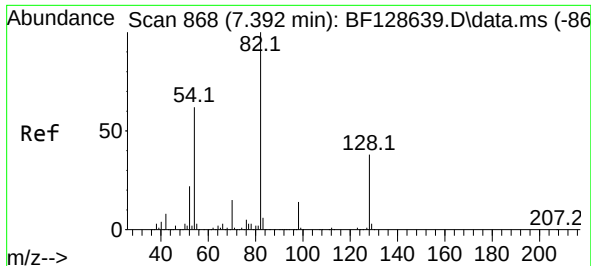
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

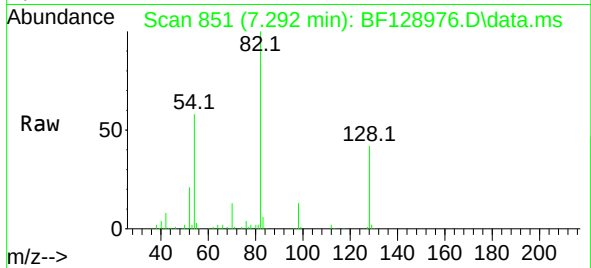
Tgt Ion:136 Resp: 323377
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.8 7.5 11.3
68 5.0 4.7 7.1





#23
Nitrobenzene-d5
Concen: 10.208 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

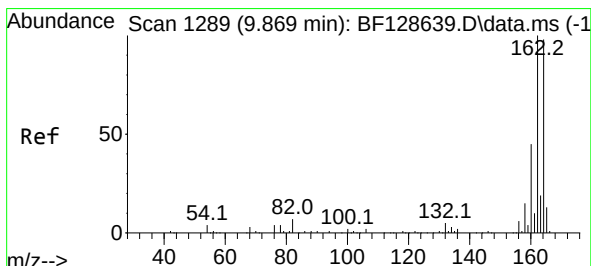
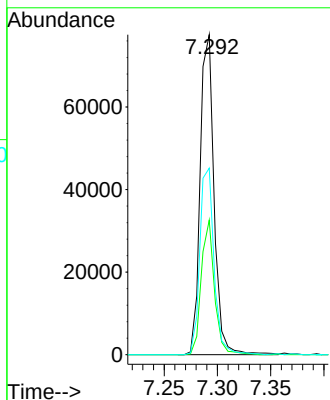
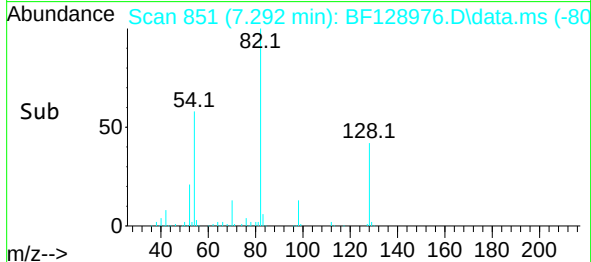
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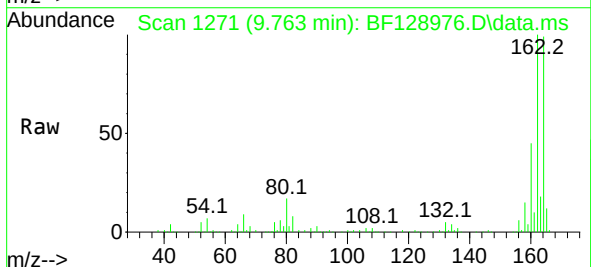
Tgt Ion: 82 Resp: 70898
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 58.3 46.9 70.3

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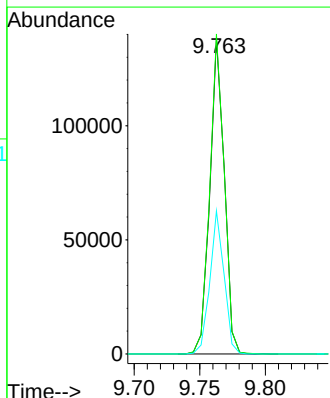
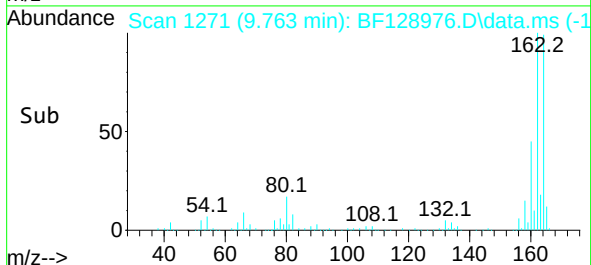
Reviewed By :Christian Giraldo 06/24/2022
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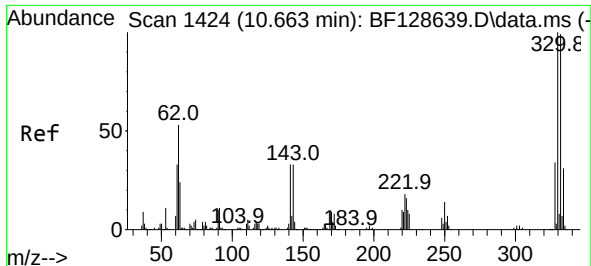


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53



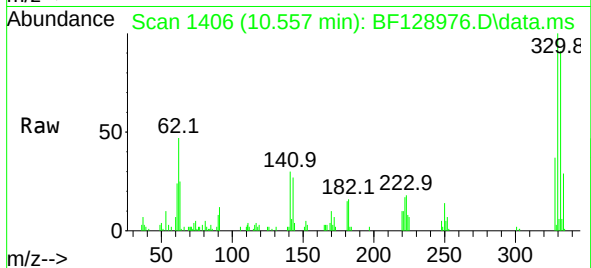
Tgt Ion:164 Resp: 106297
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 45.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 8.151 ng
RT: 10.557 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

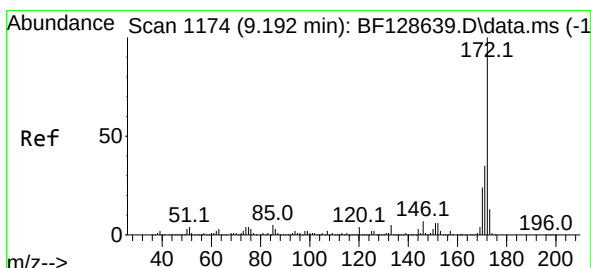
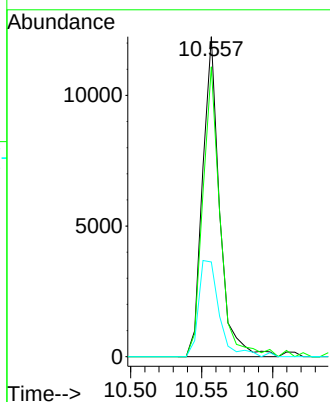
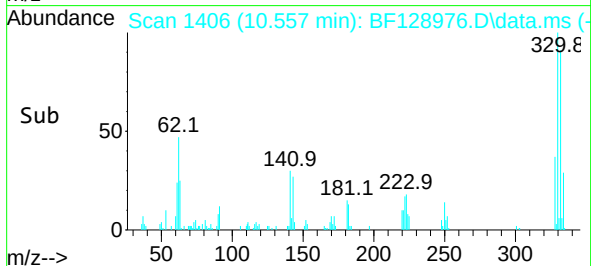
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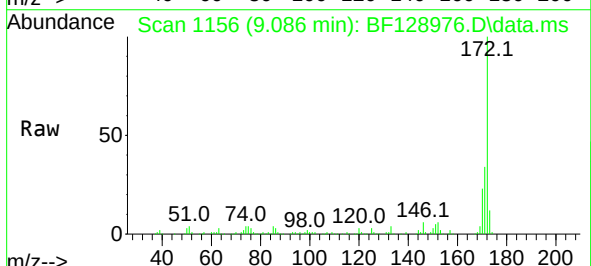
Tgt Ion: 330 Resp: 1023
Ion Ratio Lower Upper
330 100
332 91.9 76.8 115.2
141 36.6 28.0 42.0

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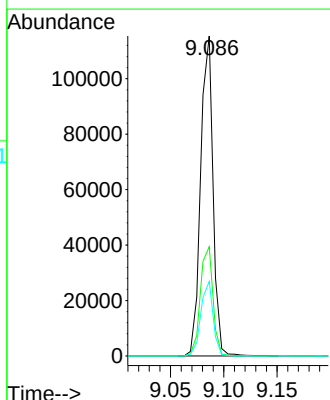
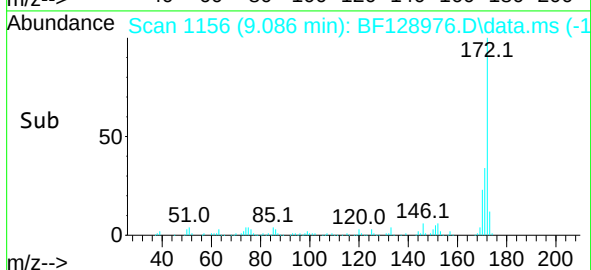
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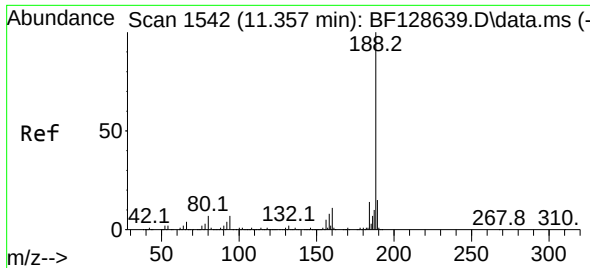


#45
2-Fluorobiphenyl
Concen: 12.361 ng
RT: 9.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53



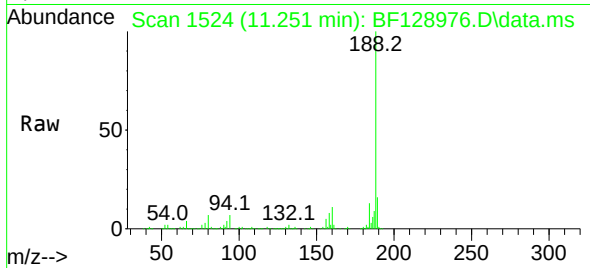
Tgt Ion: 172 Resp: 93799
Ion Ratio Lower Upper
172 100
171 34.1 28.8 43.2
170 23.3 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

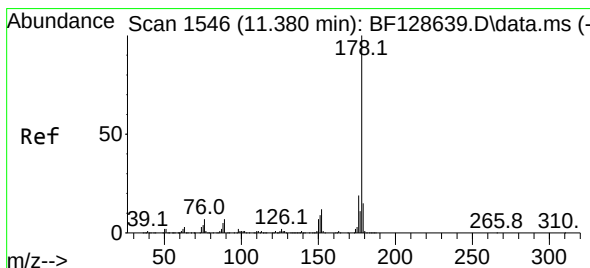
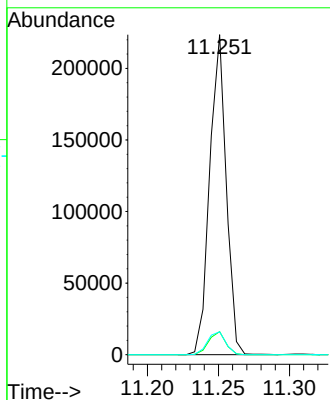
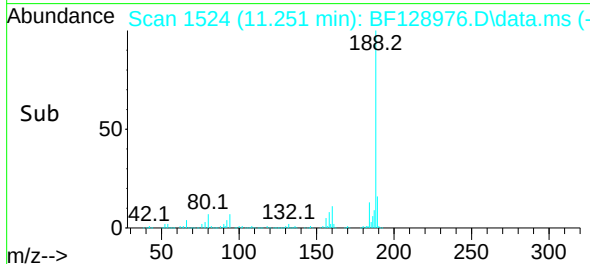
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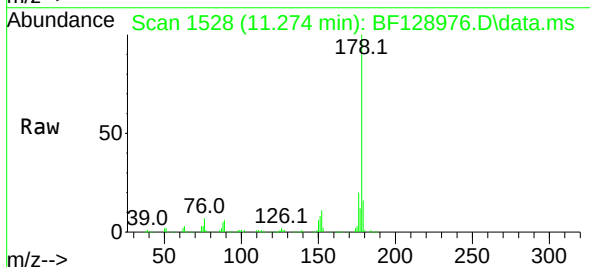
Tgt Ion:188 Resp: 180790
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 7.1 7.6 11.4

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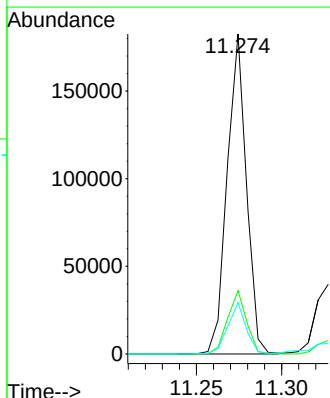
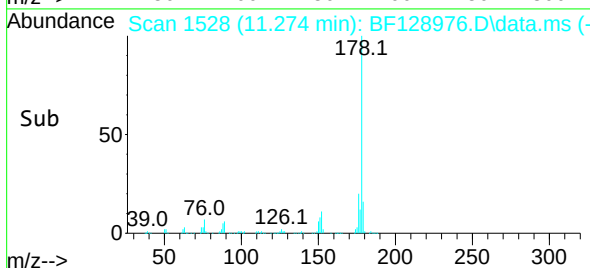
Reviewed By :Christian Giraldo 06/24/2022
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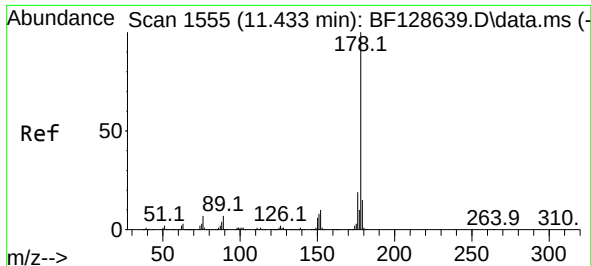


#71
Phenanthrene
Concen: 15.798 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53



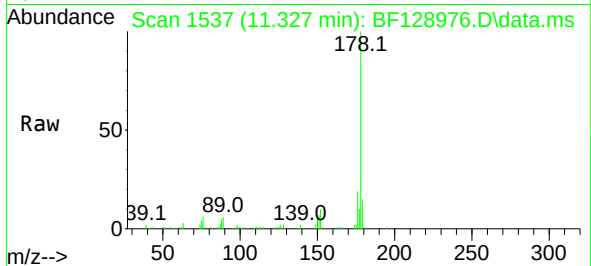
Tgt Ion:178 Resp: 143259
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.1 12.6 19.0





#72
 Anthracene
 Concen: 3.705 ng
 RT: 11.327 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128976.D
 Acq: 24 Jun 2022 02:53

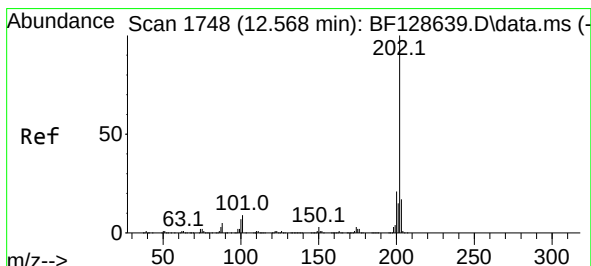
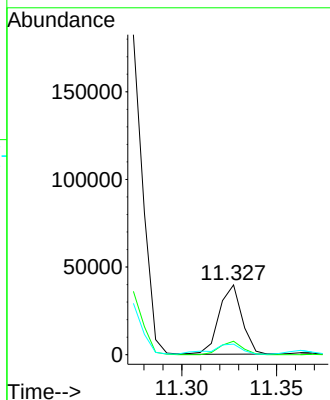
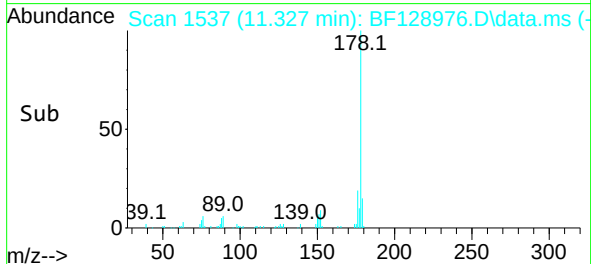
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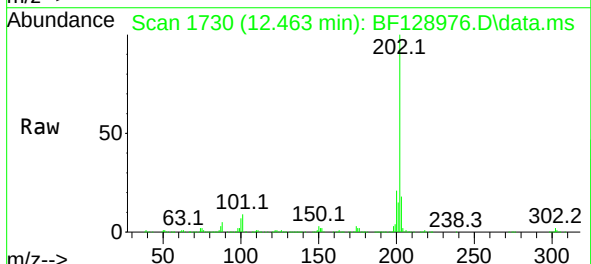
Tgt Ion:178 Resp: 3325
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.1 12.6 19.0

Manual Integrations
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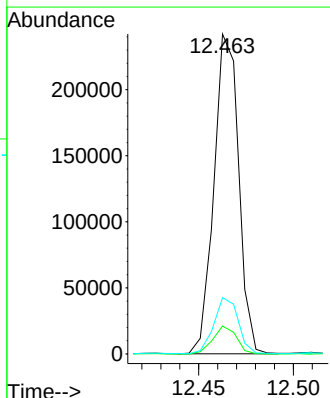
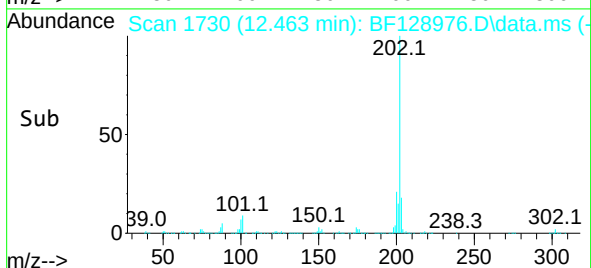
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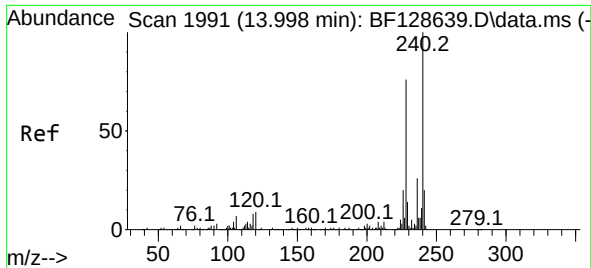


#75
 Fluoranthene
 Concen: 23.153 ng
 RT: 12.463 min Scan# 1730
 Delta R.T. -0.006 min
 Lab File: BF128976.D
 Acq: 24 Jun 2022 02:53



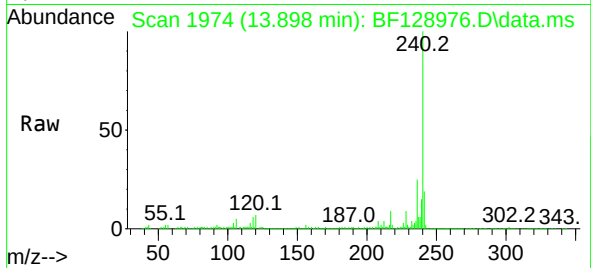
Tgt Ion:202 Resp: 219467
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 31.4
 203 17.6 0.0 38.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

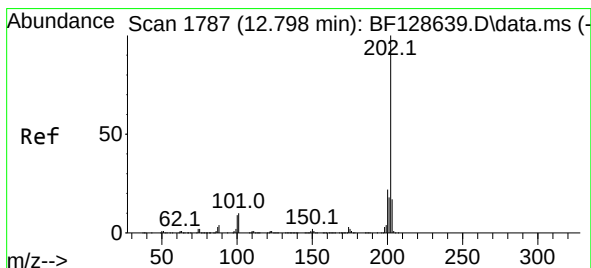
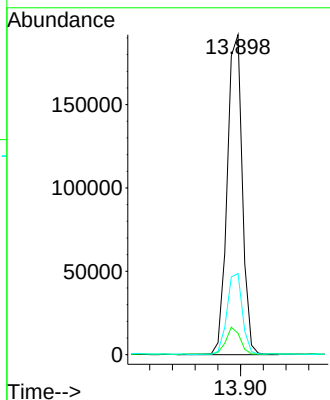
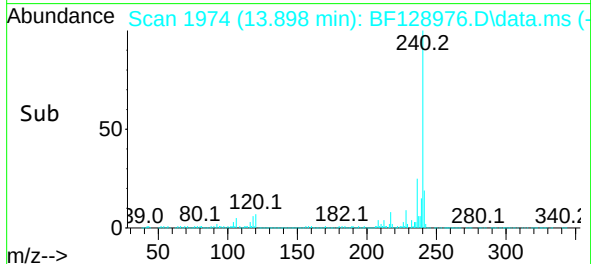
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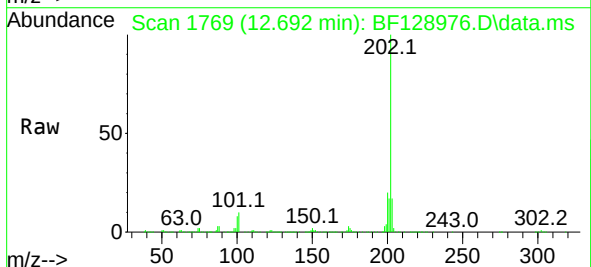
Tgt Ion:240 Resp: 177724
Ion Ratio Lower Upper
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120 6.7 8.9 13.3
236 25.4 20.8 31.2

Manual Integrations
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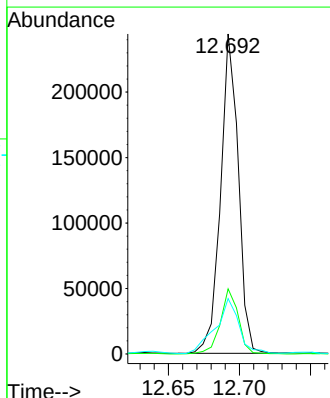
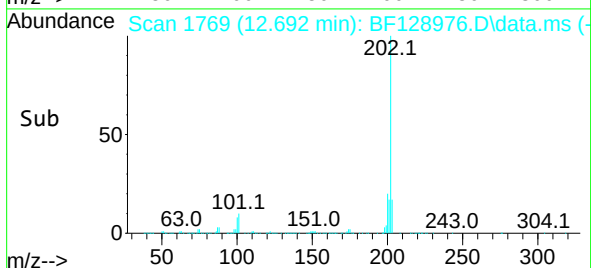
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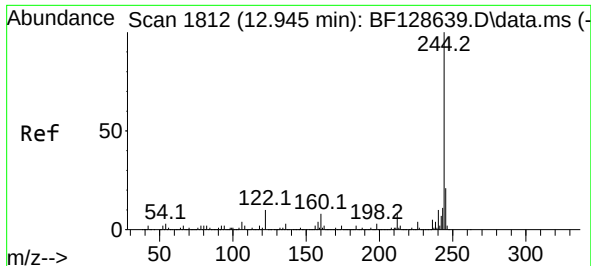


#78
Pyrene
Concen: 16.015 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53



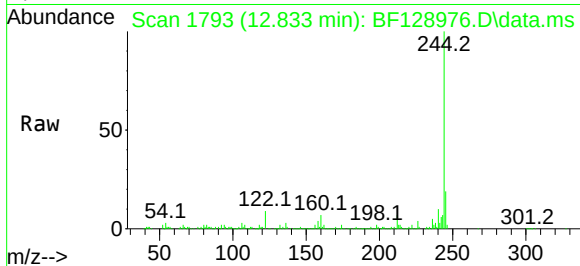
Tgt Ion:202 Resp: 211756
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 17.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 9.652 ng
 RT: 12.833 min Scan# 1793
 Delta R.T. -0.006 min
 Lab File: BF128976.D
 Acq: 24 Jun 2022 02:53

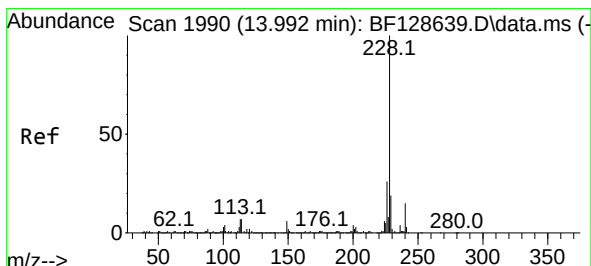
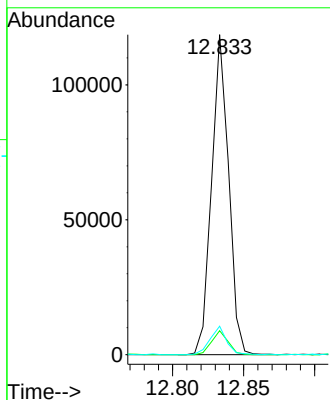
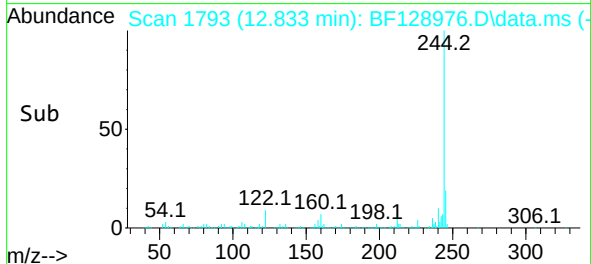
Instrument :
 BNA_F
 ClientSampleId :
 SB-2-0-2-20220622



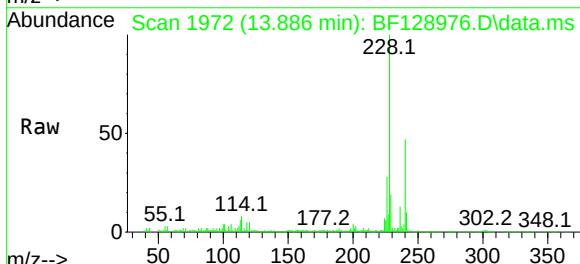
Tgt Ion:244 Resp: 98710
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 8.9 8.8 13.2

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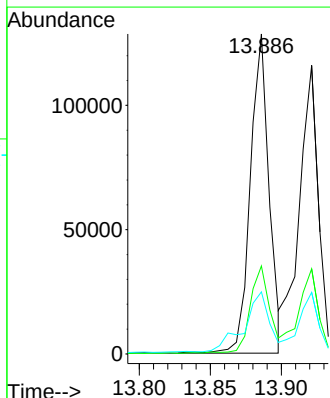
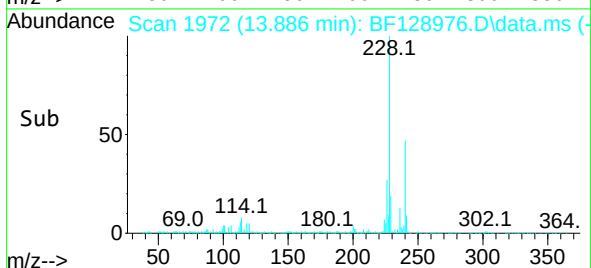
Reviewed By :Christian Giraldo 06/24/2022
 Supervised By :Jagrut Upadhyay 06/28/2022

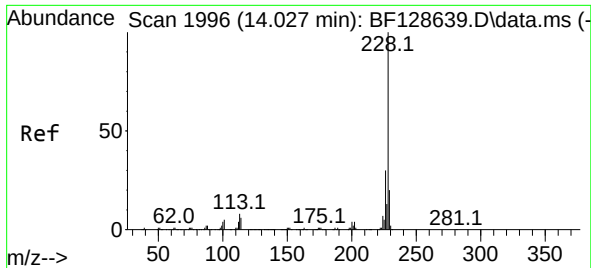


#81
 Benzo(a)anthracene
 Concen: 10.579 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: BF128976.D
 Acq: 24 Jun 2022 02:53



Tgt Ion:228 Resp: 117191
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.1 33.1
 229 19.4 15.8 23.8





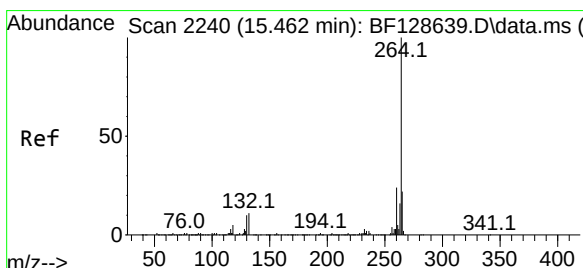
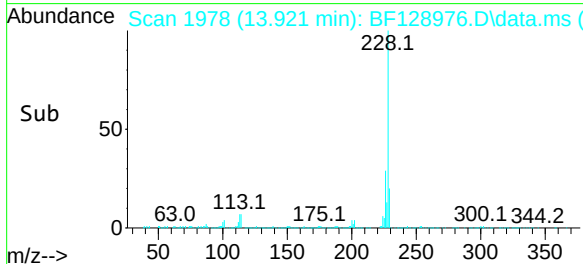
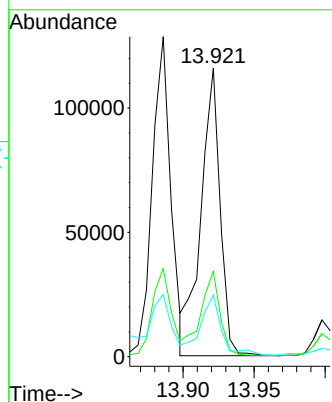
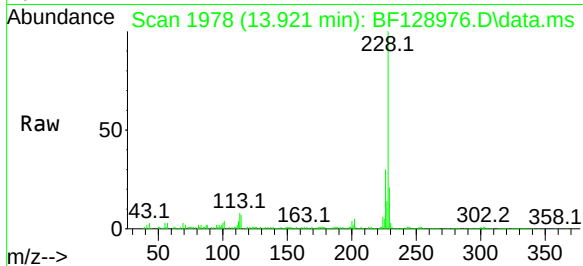
#83
Chrysene
Concen: 10.350 ng
RT: 13.921 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622

Tgt Ion:228 Resp: 10931
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 21.4 15.9 23.9

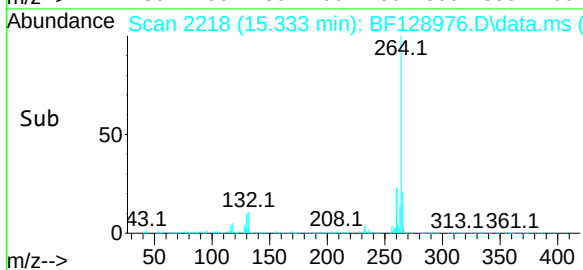
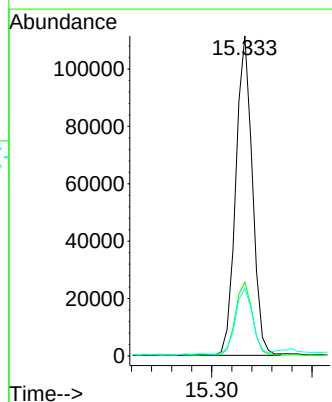
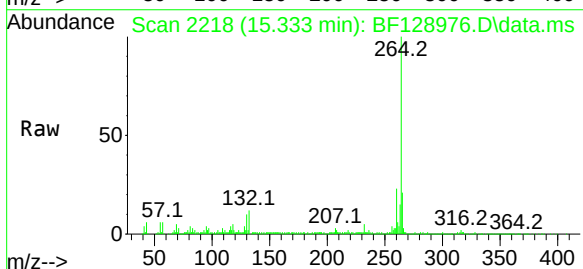
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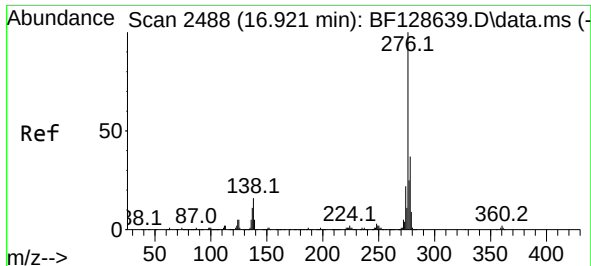
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.333 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

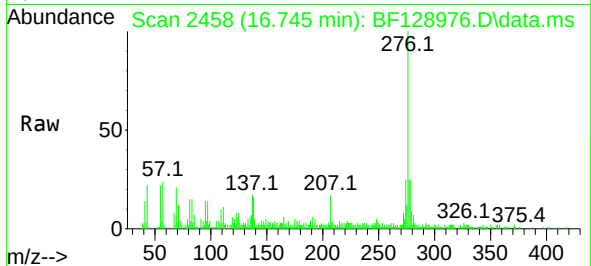
Tgt Ion:264 Resp: 127344
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.1 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.312 ng m
RT: 16.745 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

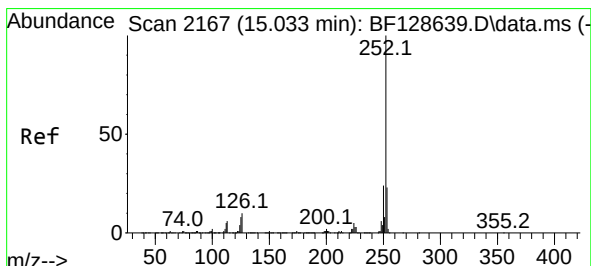
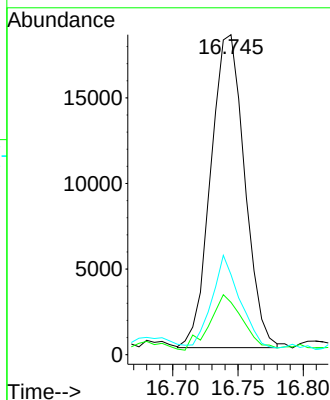
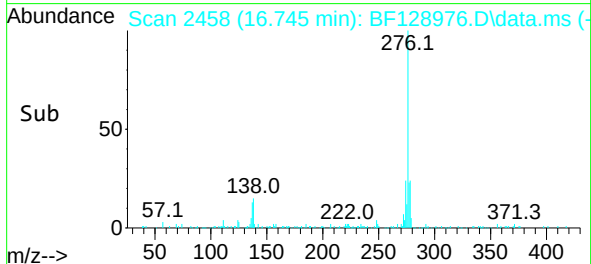
Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622



Tgt Ion: 276 Resp: 33094
Ion Ratio Lower Upper
276 100
138 1.9 21.1 31.7
277 1.2 20.3 30.5

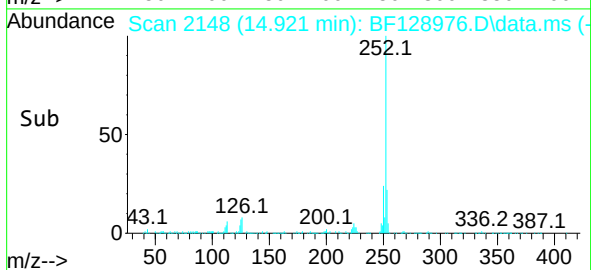
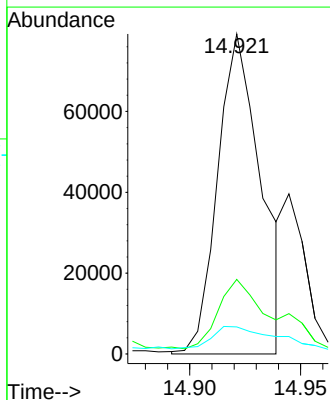
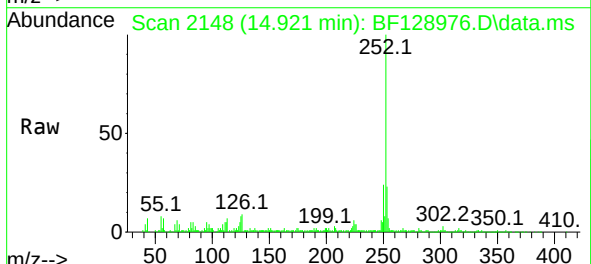
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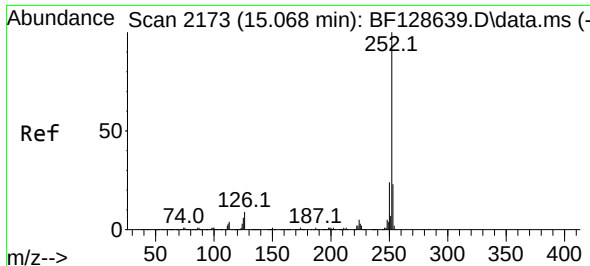
Reviewed By : Christian Giraldo 06/24/2022
Supervised By : Jagrut Upadhyay 06/28/2022



#88
Benzo(b)fluoranthene
Concen: 13.230 ng m
RT: 14.921 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

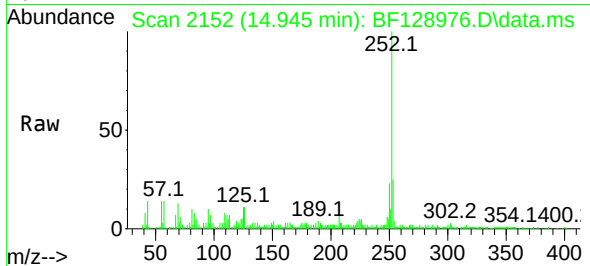
Tgt Ion: 252 Resp: 107652
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 8.4 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 3.702 ng m
RT: 14.945 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

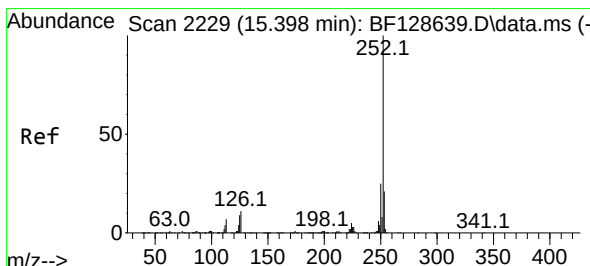
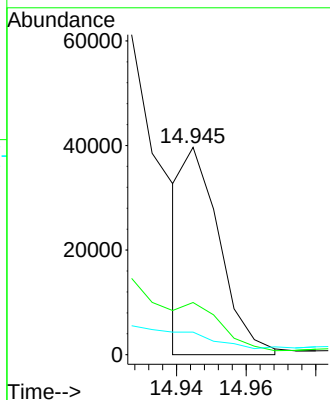
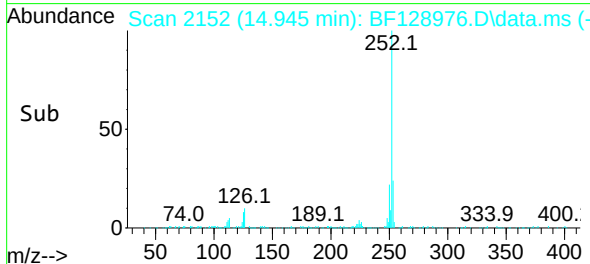
Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622



Tgt Ion:252 Resp: 28334
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 10.9 8.3 12.5

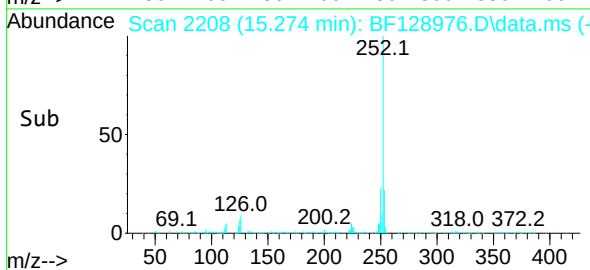
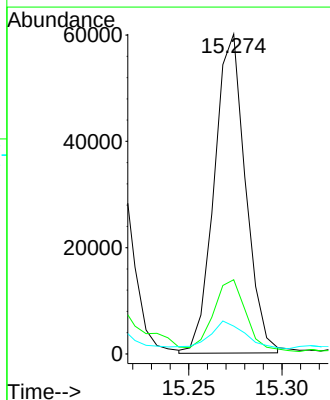
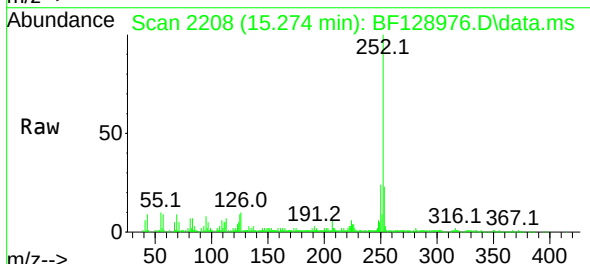
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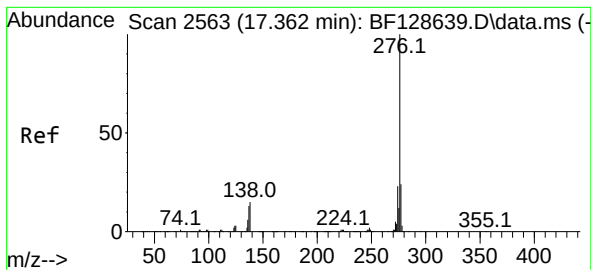
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#90
Benzo(a)pyrene
Concen: 10.940 ng m
RT: 15.274 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

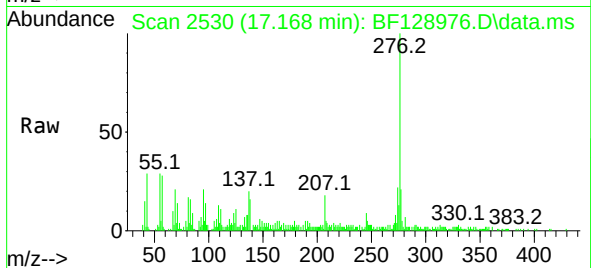
Tgt Ion:252 Resp: 69966
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 8.7 8.8 13.2#





#92
Benzo(g,h,i)perylene
Concen: 4.978 ng
RT: 17.168 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BF128976.D
Acq: 24 Jun 2022 02:53

Instrument :
BNA_F
ClientSampleId :
SB-2-0-2-20220622



Tgt Ion: 276 Resp: 31412
Ion Ratio Lower Upper
276 100
277 20.6 19.1 28.7
138 15.8 18.0 27.0

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Reviewed By : Christian Giraldo 06/24/2022
Supervised By : Jagrut Upadhyay 06/28/2022

