

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
 Data File : BP012644.D
 Acq On : 13 Nov 2022 05:22
 Operator : CG/JU
 Sample : N5531-10RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-30

Quant Time: Nov 14 03:27:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 13 22:44:57 2022
 Response via : Initial Calibration

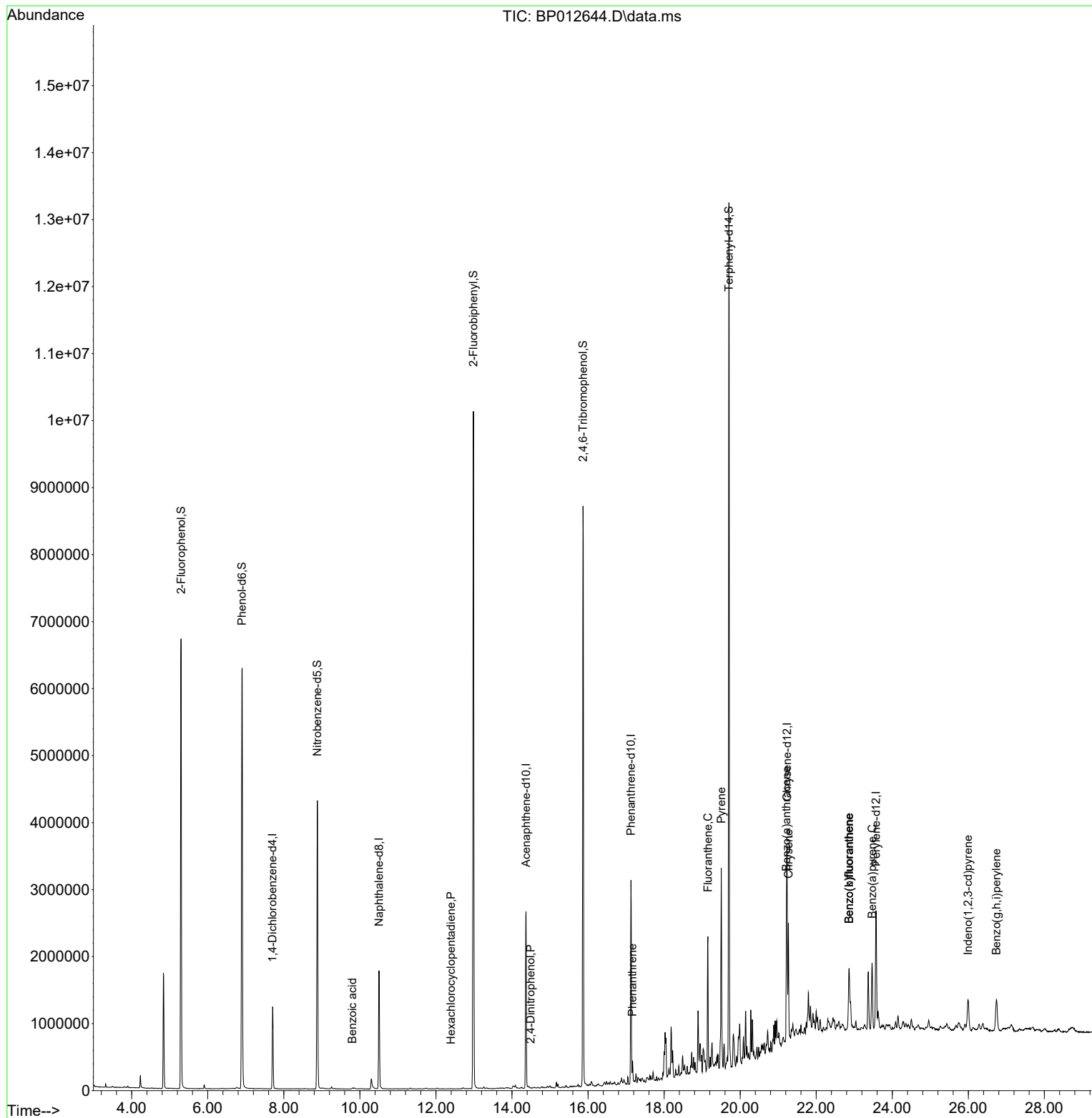
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	346280	20.000	ng	-0.01
21) Naphthalene-d8	10.504	136	1480071	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	940654	20.000	ng	-0.01
64) Phenanthrene-d10	17.128	188	1806227	20.000	ng	-0.02
76) Chrysene-d12	21.233	240	1215151	20.000	ng	-0.01
86) Perylene-d12	23.574	264	1335740	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	3105913	167.016	ng	0.00
7) Phenol-d6	6.899	99	4088426	158.387	ng	-0.01
23) Nitrobenzene-d5	8.881	82	2582968	96.819	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	1973093	153.653	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	5579358	90.043	ng	-0.01
79) Terphenyl-d14	19.704	244	6396559	106.644	ng	-0.01
Target Compounds						
32) Benzoic acid	9.804	122	4126	5.193	ng	88
41) Hexachlorocyclopentadiene	12.398	237	14	5.153	ng	83
54) 2,4-Dinitrophenol	14.492	184	41	4.843	ng	# 1
71) Phenanthrene	17.169	178	199669	2.005	ng	99
75) Fluoranthene	19.151	202	988237	8.469	ng	99
78) Pyrene	19.504	202	1756618	20.955	ng	99
81) Benzo(a)anthracene	21.216	228	733917	9.032	ng	98
83) Chrysene	21.269	228	909944	11.749	ng	99
87) Indeno(1,2,3-cd)pyrene	25.992	276	484440	5.118	ng	97
88) Benzo(b)fluoranthene	22.863	252	1065421	12.398	ng	98
89) Benzo(k)fluoranthene	22.863	252	1065421	12.707	ng	99
90) Benzo(a)pyrene	23.468	252	757550	10.795	ng	98
92) Benzo(g,h,i)perylene	26.739	276	631058	8.168	ng	99

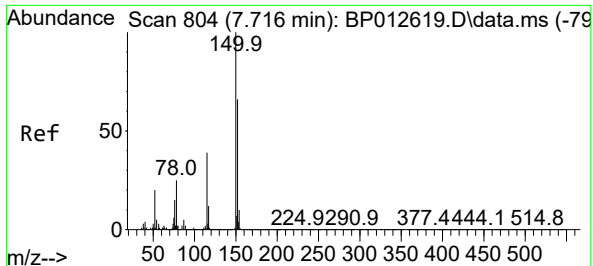
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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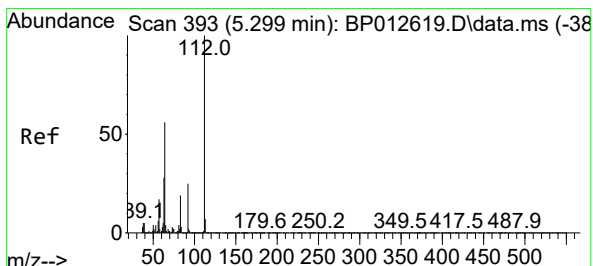
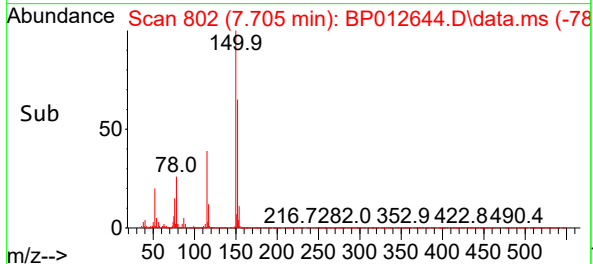
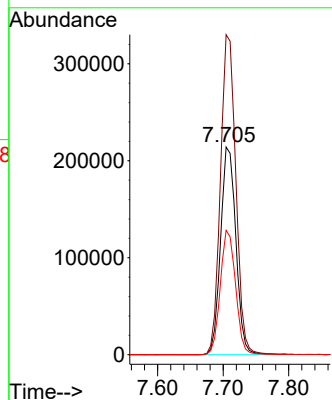
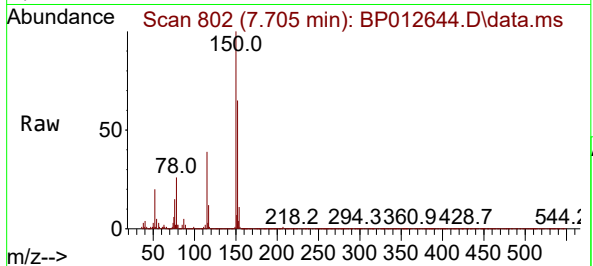




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 804
Delta R.T. -0.011 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

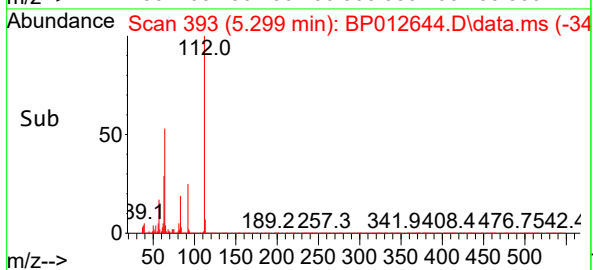
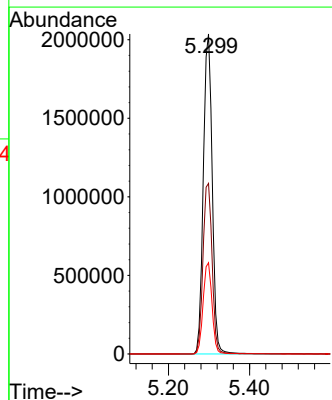
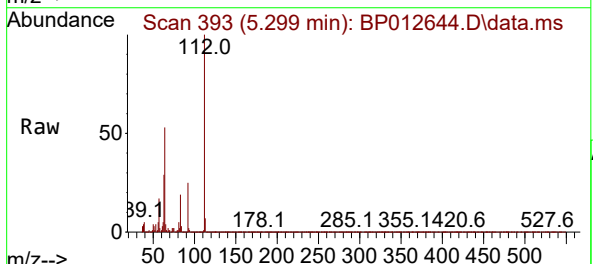
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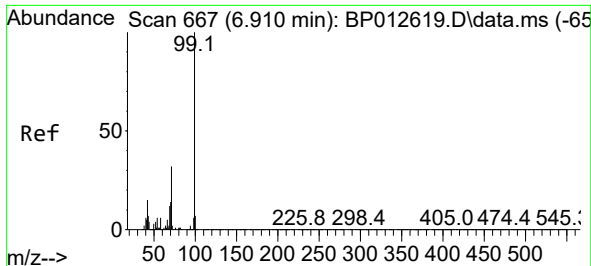
Tgt Ion:152 Resp: 346280
Ion Ratio Lower Upper
152 100
150 154.0 122.1 183.1
115 59.8 47.3 70.9



#5
2-Fluorophenol
Concen: 167.016 ng
RT: 5.299 min Scan# 393
Delta R.T. -0.000 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

Tgt Ion:112 Resp: 3105913
Ion Ratio Lower Upper
112 100
64 53.3 44.6 67.0
63 28.5 22.8 34.2

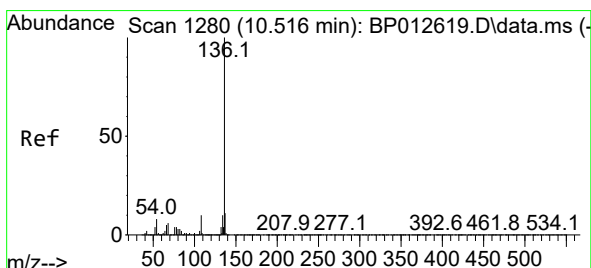
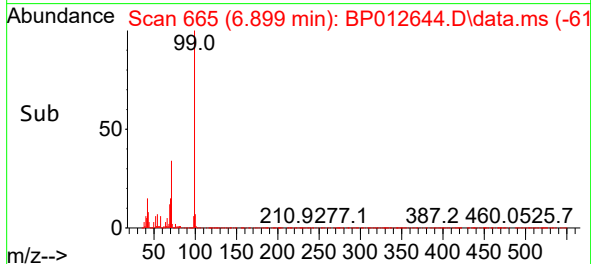
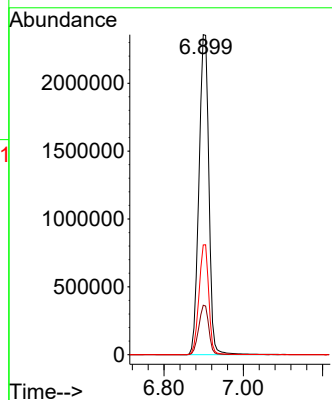
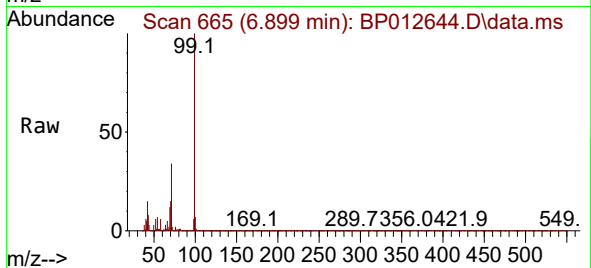




#7
Phenol-d6
Concen: 158.387 ng
RT: 6.899 min Scan# 60
Delta R.T. -0.011 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

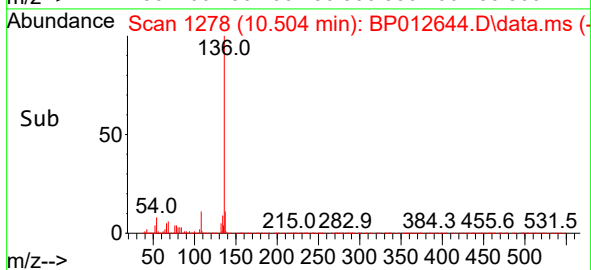
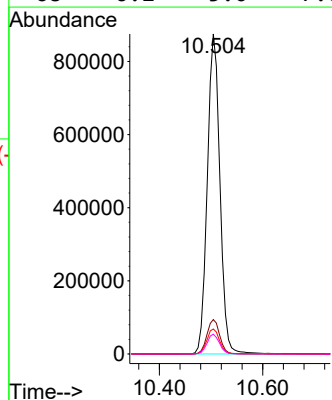
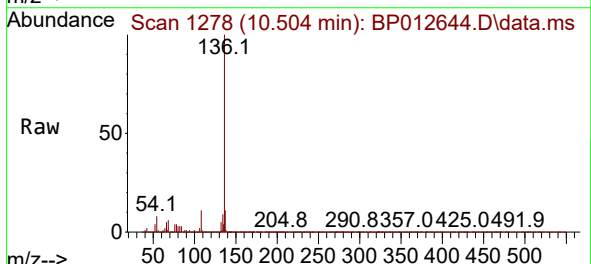
Instrument :
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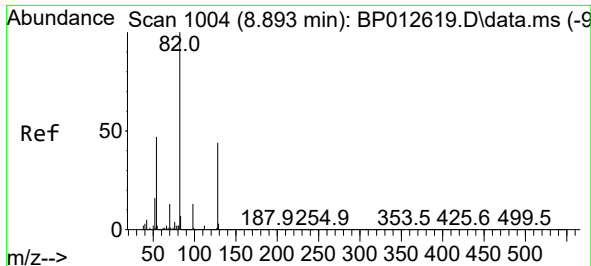
Tgt Ion: 99 Resp: 4088426
Ion Ratio Lower Upper
99 100
42 15.5 12.2 18.2
71 34.3 26.0 39.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

Tgt Ion:136 Resp: 1480071
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.8 6.4 9.6
68 6.2 5.0 7.6

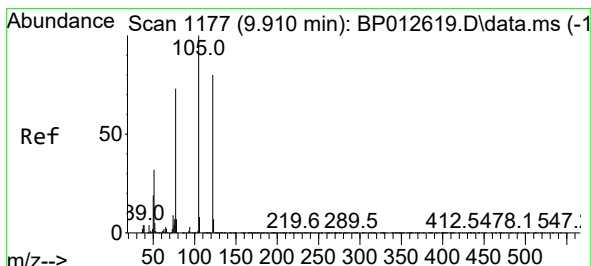
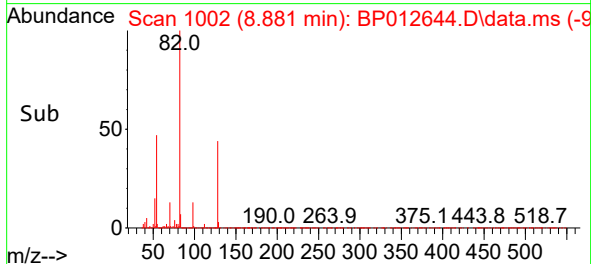
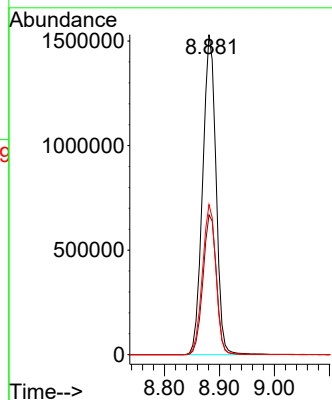
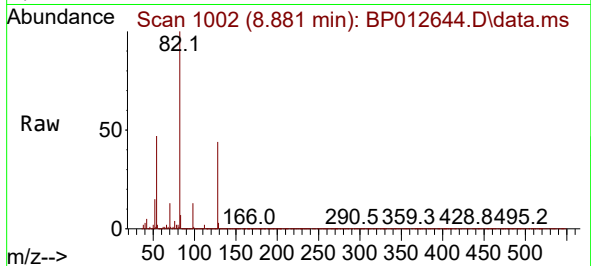




#23
Nitrobenzene-d5
Concen: 96.819 ng
RT: 8.881 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

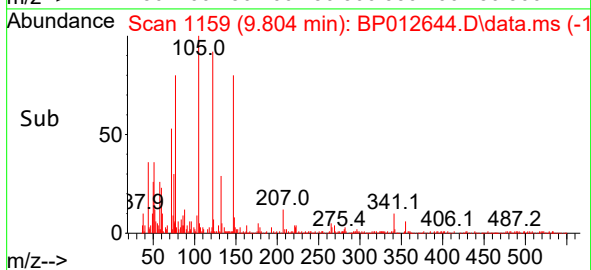
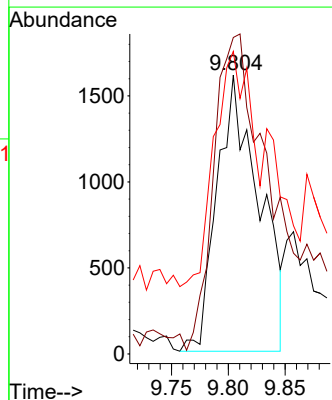
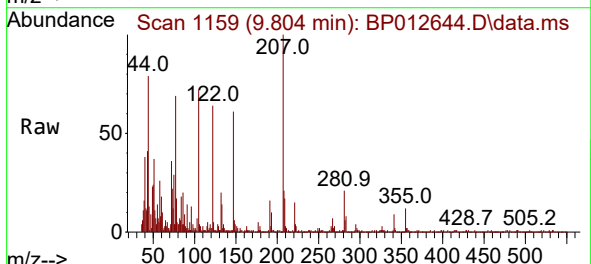
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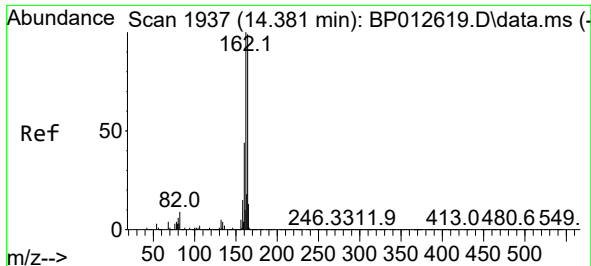
Tgt Ion: 82 Resp: 2582968
Ion Ratio Lower Upper
82 100
128 43.7 35.4 53.2
54 46.9 37.8 56.6



#32
Benzoic acid
Concen: 5.193 ng
RT: 9.804 min Scan# 1159
Delta R.T. -0.106 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

Tgt Ion:122 Resp: 4126
Ion Ratio Lower Upper
122 100
105 113.5 102.2 142.2
77 108.5 70.7 110.7

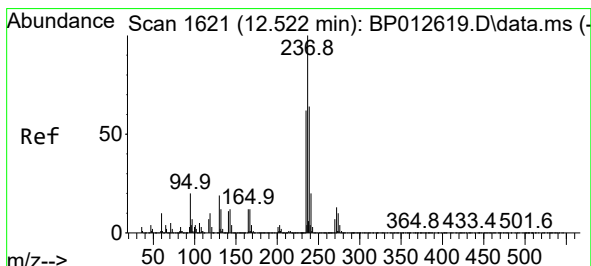
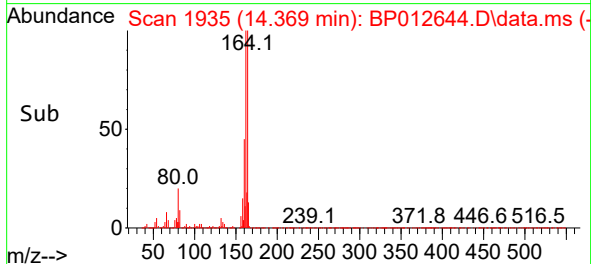
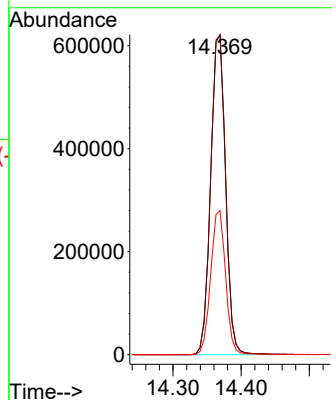
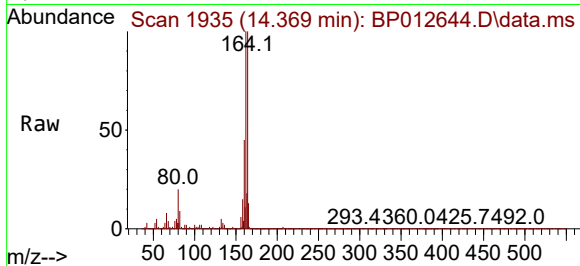




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

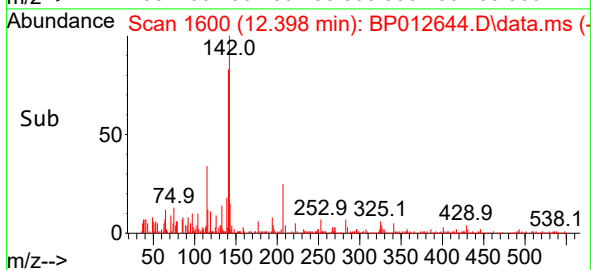
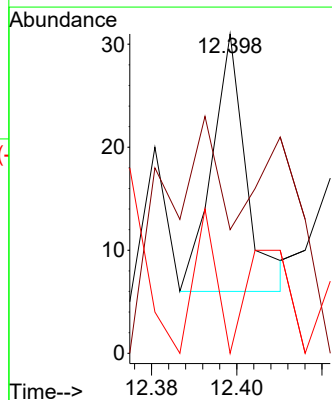
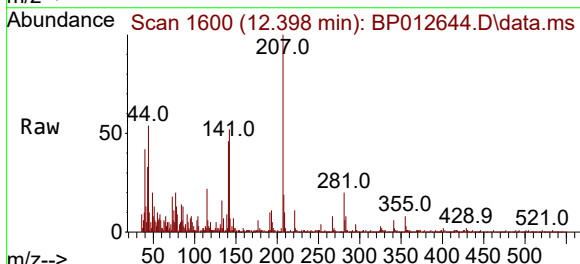
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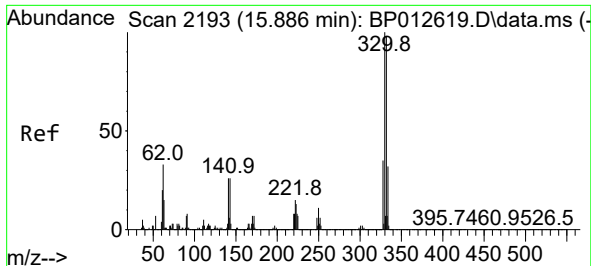
Tgt Ion:164 Resp: 940654
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 45.0 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 5.153 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.124 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 51.6 42.1 82.1
272 0.0 0.0 33.2

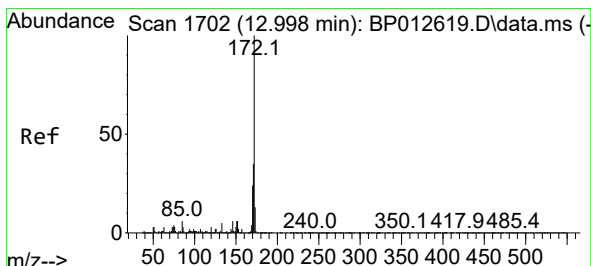
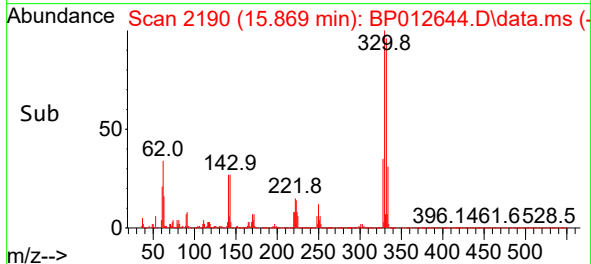
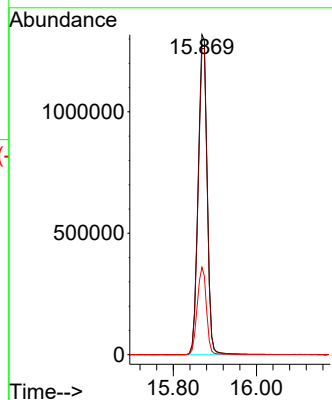
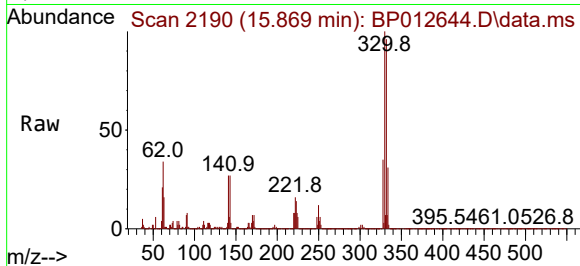




#42
2,4,6-Tribromophenol
Concen: 153.653 ng
RT: 15.869 min Scan# 2193
Delta R.T. -0.017 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

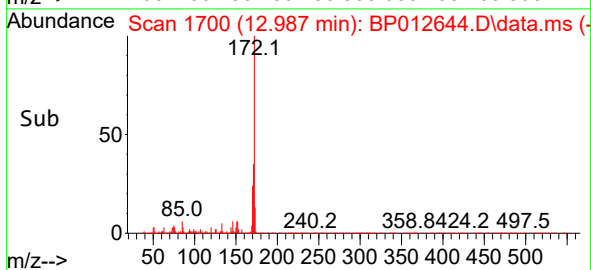
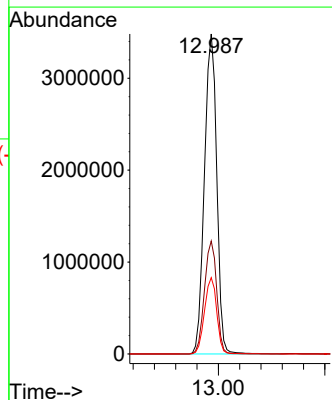
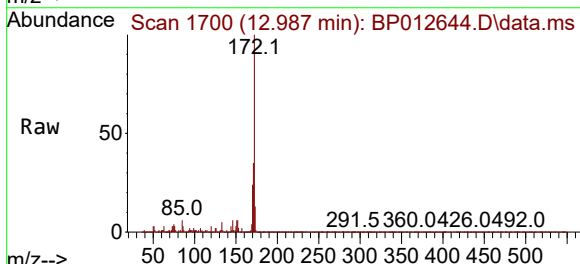
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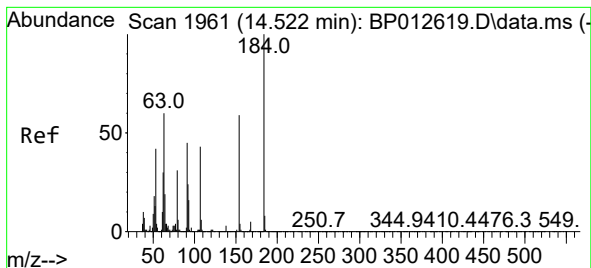
Tgt Ion:330 Resp: 1973093
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 27.9 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 90.043 ng
RT: 12.987 min Scan# 1700
Delta R.T. -0.011 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

Tgt Ion:172 Resp: 5579358
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.9 19.0 28.6

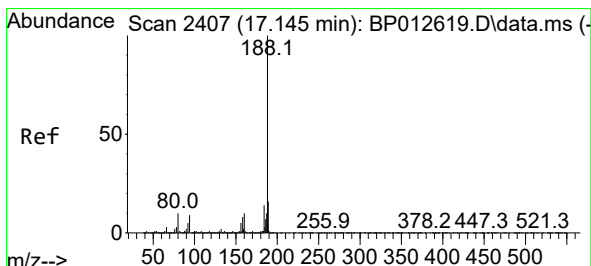
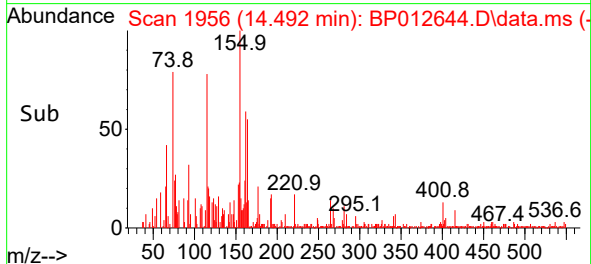
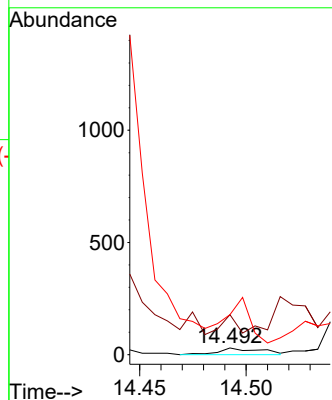
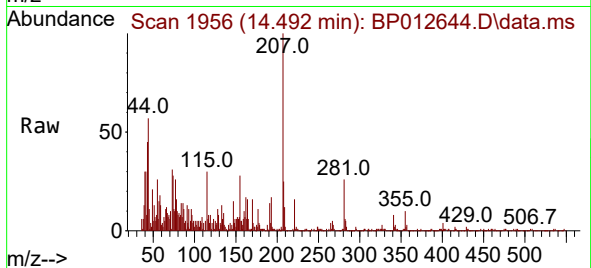




#54
2,4-Dinitrophenol
Concen: 4.843 ng
RT: 14.492 min Scan# 1961
Delta R.T. -0.030 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

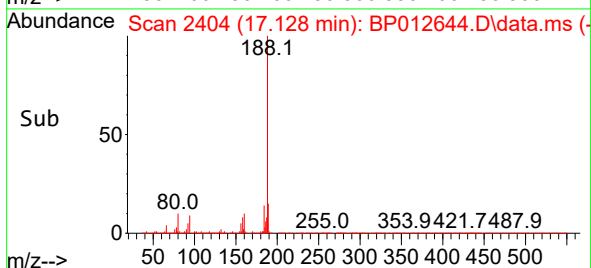
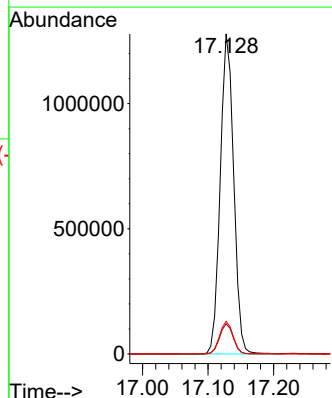
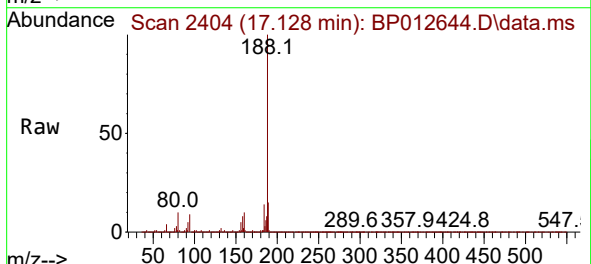
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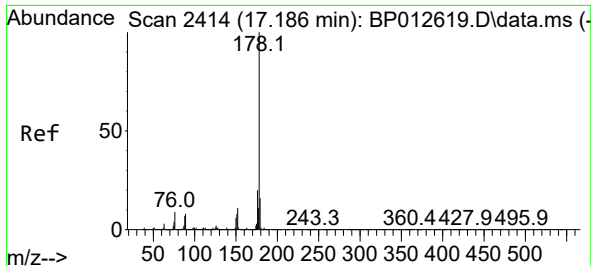
Tgt Ion:184 Resp: 41
Ion Ratio Lower Upper
184 100
63 593.3 48.5 72.7#
154 593.3 49.4 74.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.018 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

Tgt Ion:188 Resp: 1806227
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.2 8.2 12.2

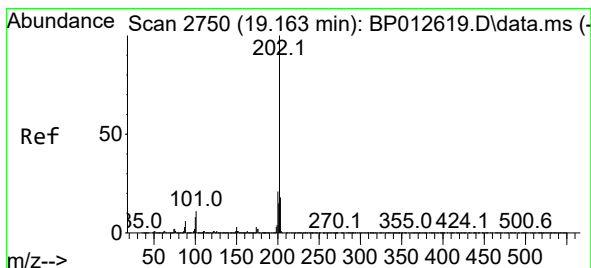
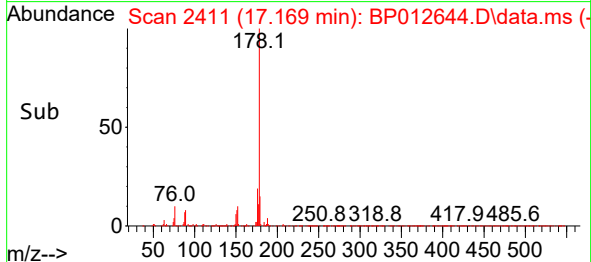
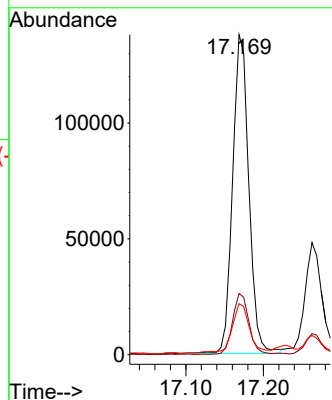
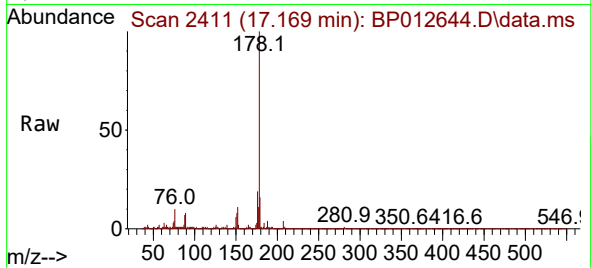




#71
Phenanthrene
Concen: 2.005 ng
RT: 17.169 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

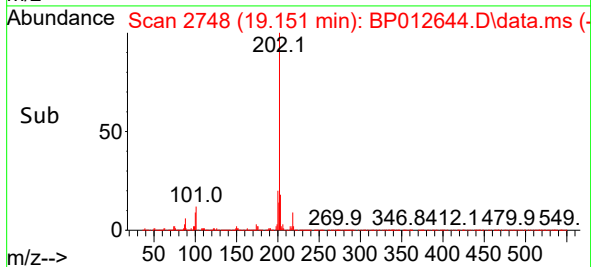
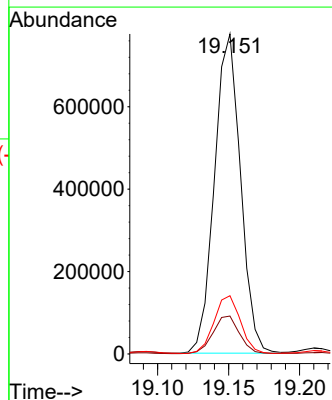
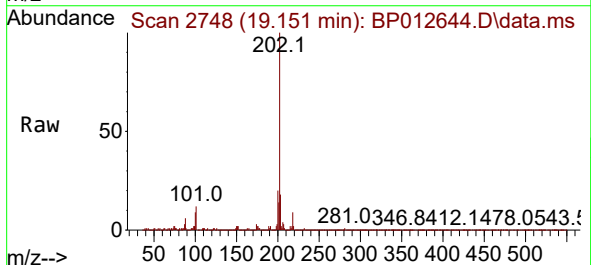
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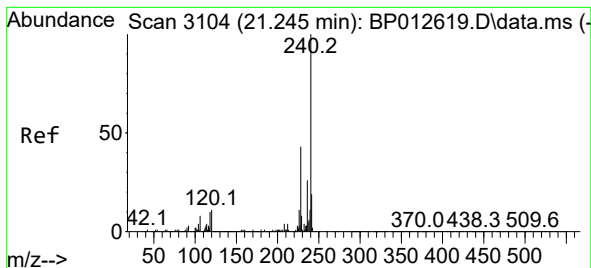
Tgt Ion:178 Resp: 199669
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 16.0 12.6 18.8



#75
Fluoranthene
Concen: 8.469 ng
RT: 19.151 min Scan# 2748
Delta R.T. -0.012 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

Tgt Ion:202 Resp: 988237
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.1
203 18.2 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.233 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BP012644.D

Acq: 13 Nov 2022 05:22

Instrument :

BNA_P

ClientSampleId :

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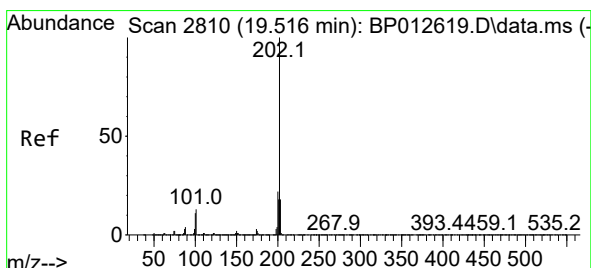
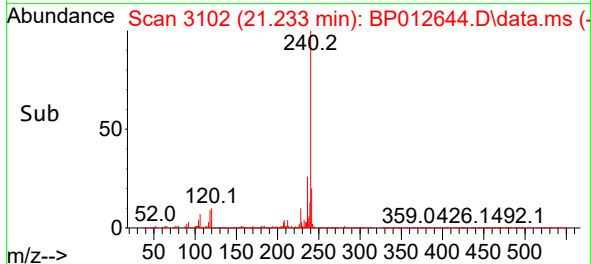
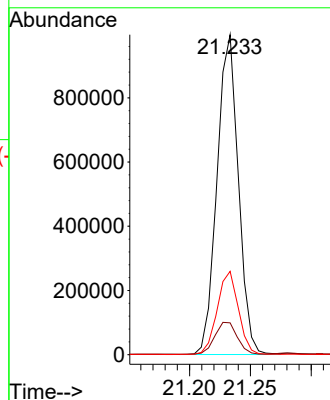
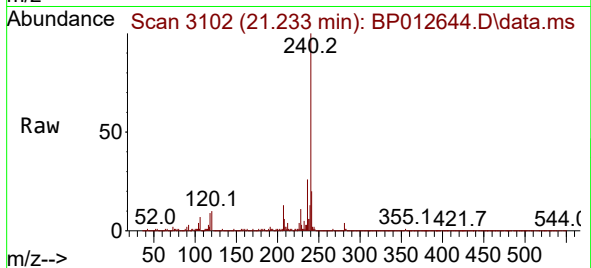
Tgt Ion:240 Resp: 1215151

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

236 26.1 20.8 31.2



#78

Pyrene

Concen: 20.955 ng

RT: 19.504 min Scan# 2808

Delta R.T. -0.012 min

Lab File: BP012644.D

Acq: 13 Nov 2022 05:22

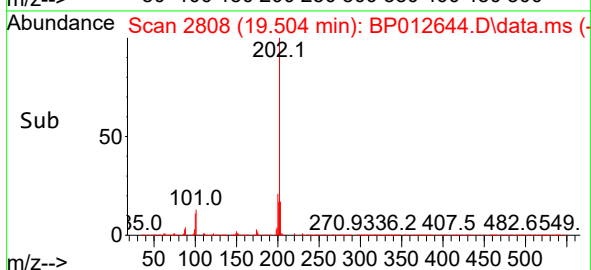
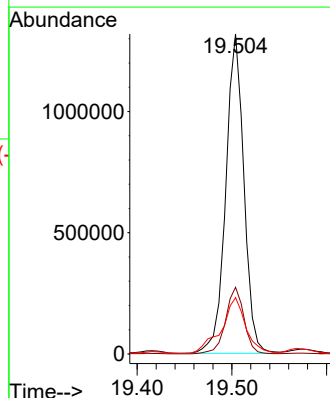
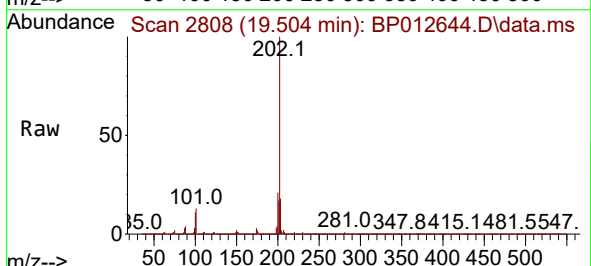
Tgt Ion:202 Resp: 1756618

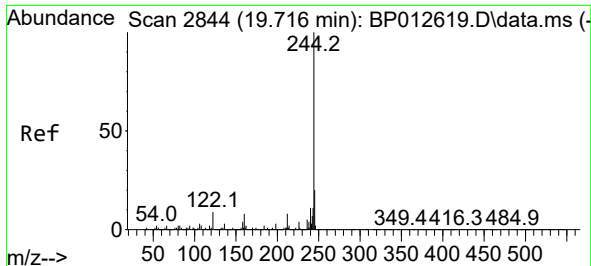
Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.0

203 17.6 14.3 21.5

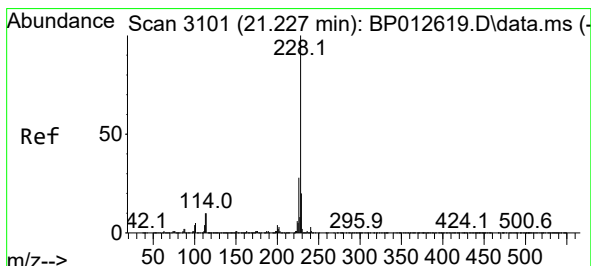
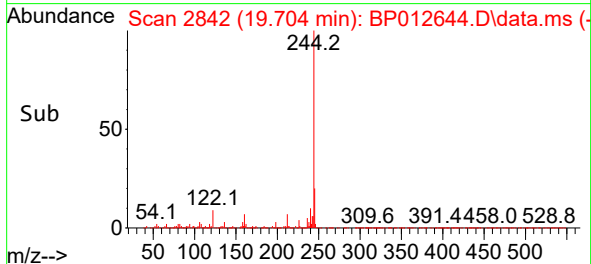
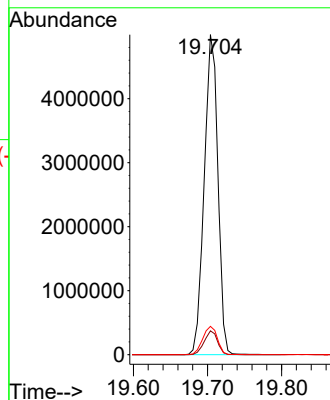
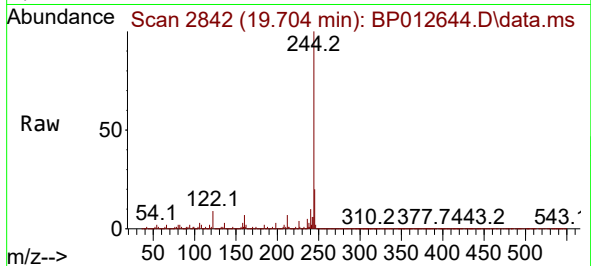




#79
 Terphenyl-d14
 Concen: 106.644 ng
 RT: 19.704 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP012644.D
 Acq: 13 Nov 2022 05:22

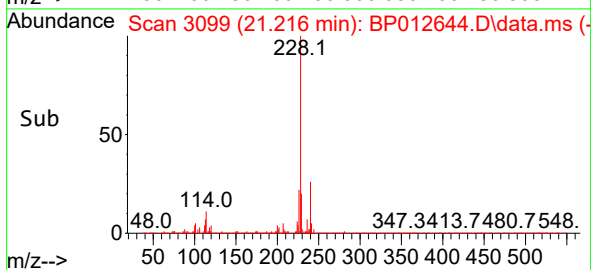
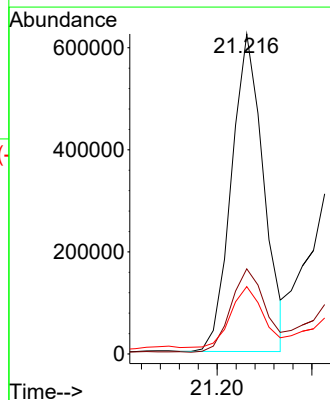
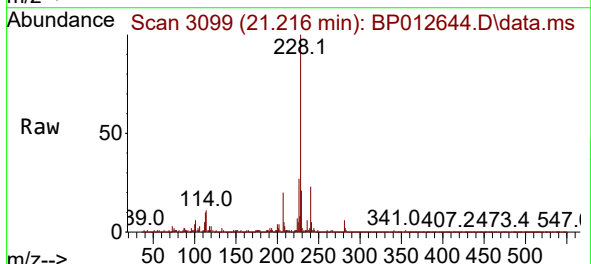
Instrument :
 BNA_P
 ClientSampleId :
 SB-30

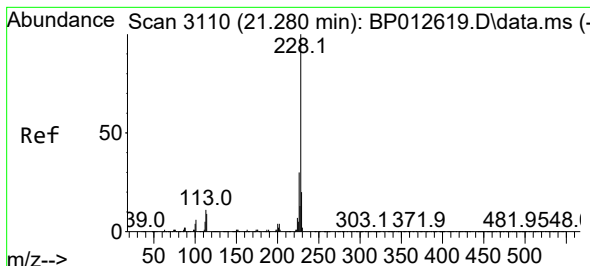
Tgt Ion:244 Resp: 6396559
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 8.8 7.0 10.4



#81
 Benzo(a)anthracene
 Concen: 9.032 ng
 RT: 21.216 min Scan# 3099
 Delta R.T. -0.012 min
 Lab File: BP012644.D
 Acq: 13 Nov 2022 05:22

Tgt Ion:228 Resp: 733917
 Ion Ratio Lower Upper
 228 100
 226 26.6 22.1 33.1
 229 21.1 16.2 24.2





#83

Chrysene

Concen: 11.749 ng

RT: 21.269 min Scan# 3110

Delta R.T. -0.012 min

Lab File: BP012644.D

Acq: 13 Nov 2022 05:22

Instrument :

BNA_P

ClientSampleId :

SB-30

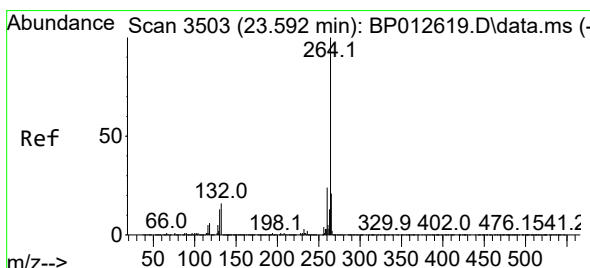
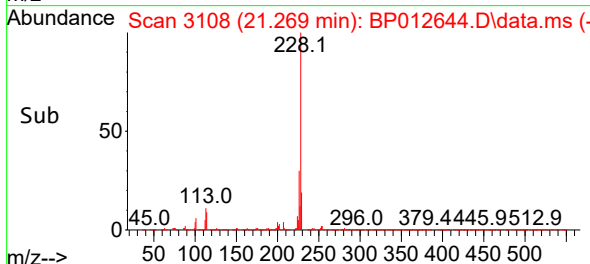
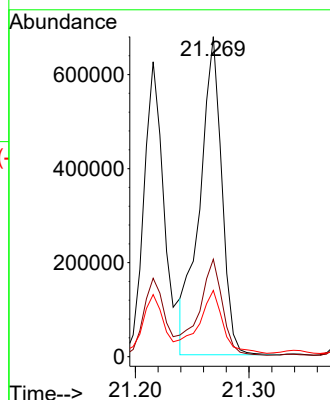
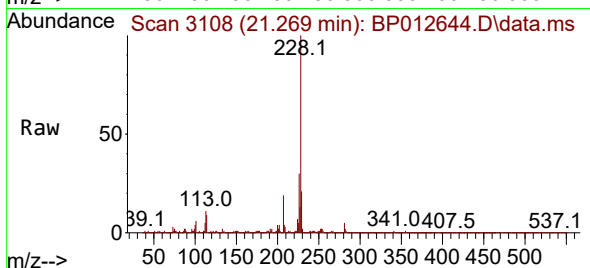
Tgt Ion:228 Resp: 909944

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 20.7 16.2 24.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.574 min Scan# 3500

Delta R.T. -0.018 min

Lab File: BP012644.D

Acq: 13 Nov 2022 05:22

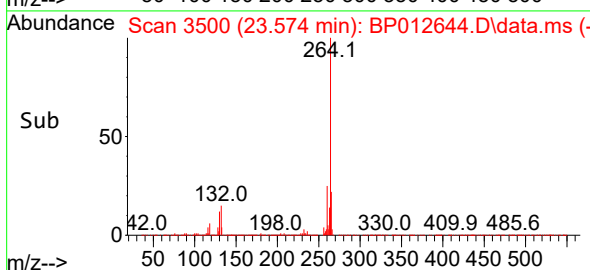
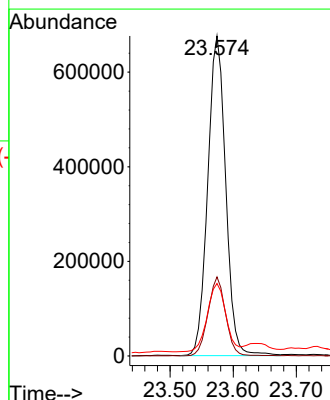
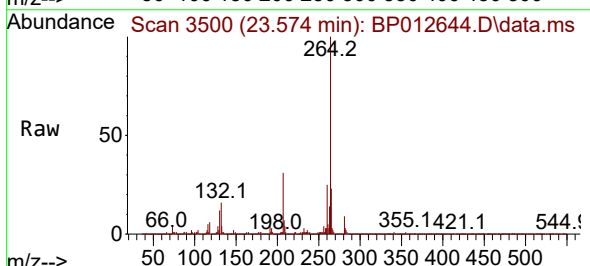
Tgt Ion:264 Resp: 1335740

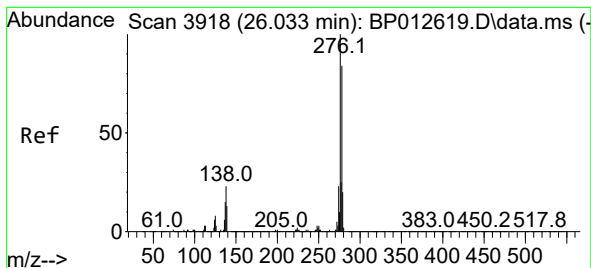
Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

265 22.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.118 ng

RT: 25.992 min Scan# 3918

Delta R.T. -0.041 min

Lab File: BP012644.D

Acq: 13 Nov 2022 05:22

Instrument :

BNA_P

ClientSampleId :

SB-30

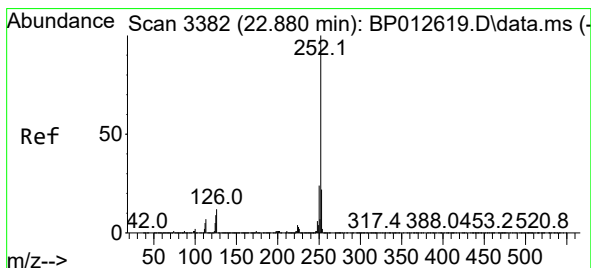
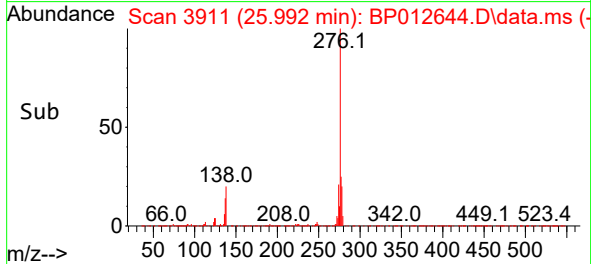
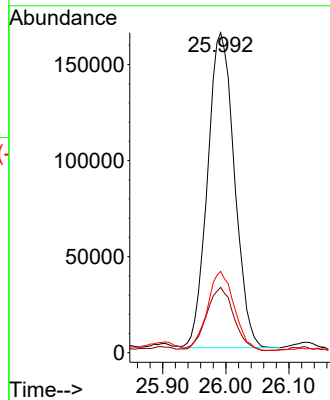
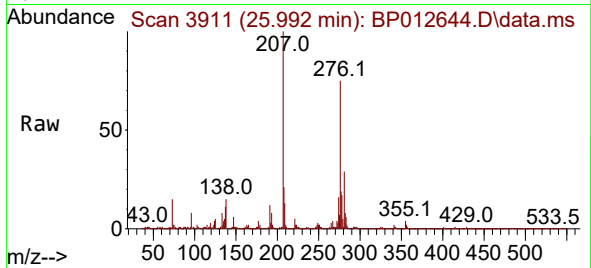
Tgt Ion:276 Resp: 484440

Ion Ratio Lower Upper

276 100

138 20.4 18.6 27.8

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 12.398 ng

RT: 22.863 min Scan# 3379

Delta R.T. -0.018 min

Lab File: BP012644.D

Acq: 13 Nov 2022 05:22

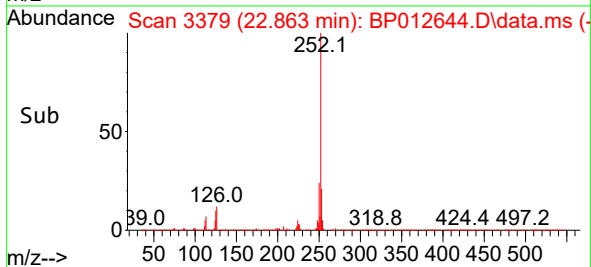
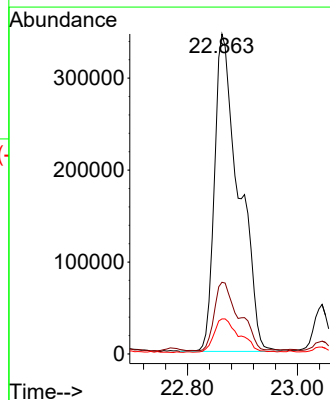
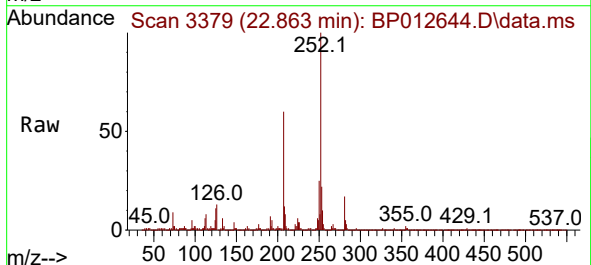
Tgt Ion:252 Resp: 1065421

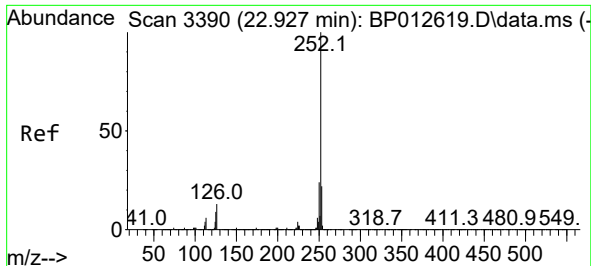
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 11.0 7.6 11.4

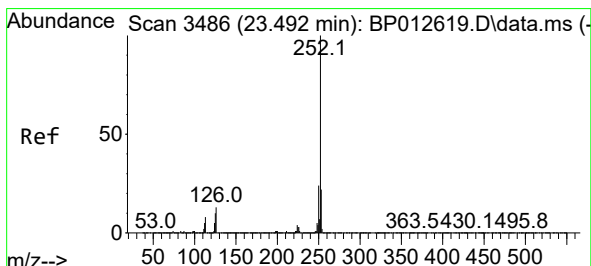
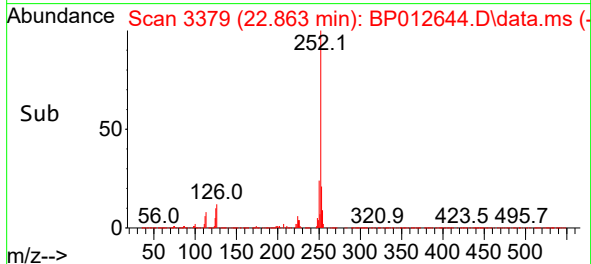
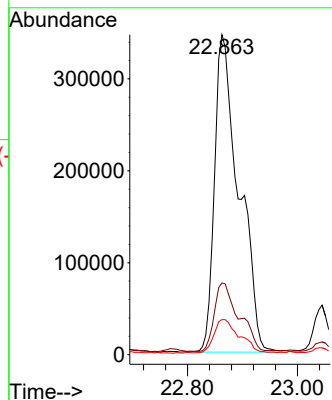
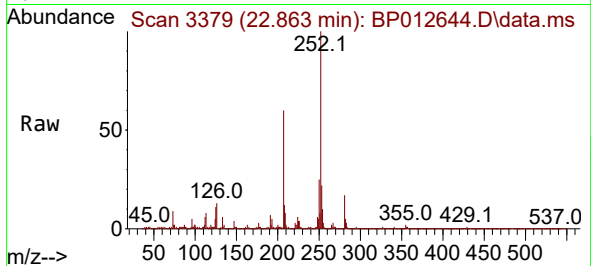




#89
Benzo(k)fluoranthene
Concen: 12.707 ng
RT: 22.863 min Scan# 31
Delta R.T. -0.065 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

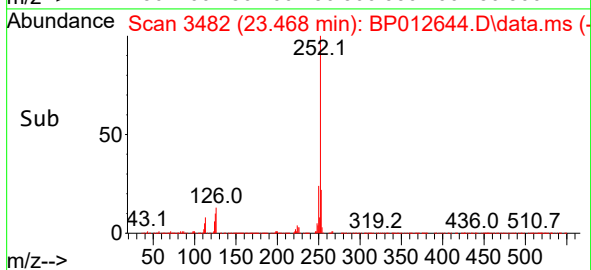
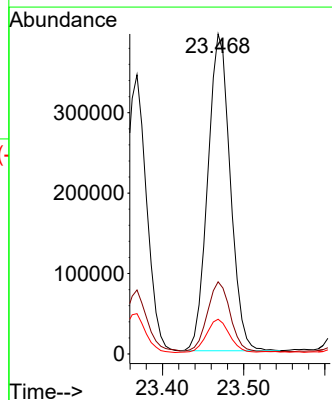
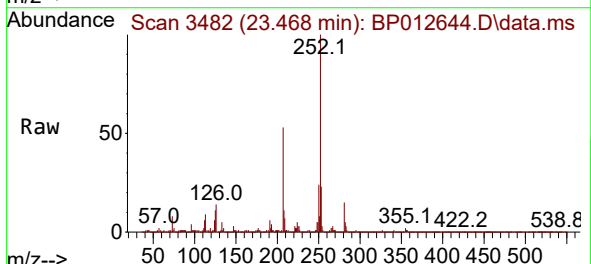
Instrument :
BNA_P
ClientSampleId :
SB-30

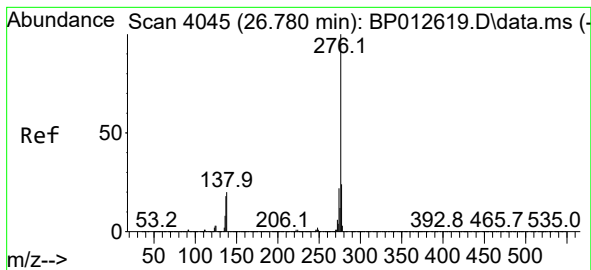
Tgt Ion:252 Resp: 1065421
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 10.795 ng
RT: 23.468 min Scan# 3482
Delta R.T. -0.024 min
Lab File: BP012644.D
Acq: 13 Nov 2022 05:22

Tgt Ion:252 Resp: 757550
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 10.8 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 8.168 ng

RT: 26.739 min Scan# 40

Delta R.T. -0.041 min

Lab File: BP012644.D

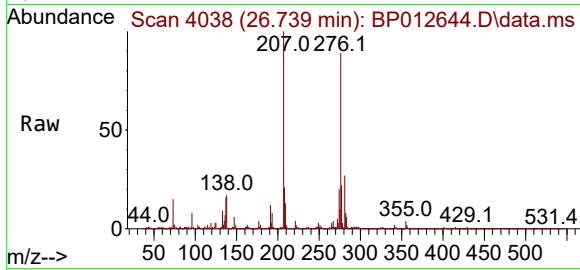
Acq: 13 Nov 2022 05:22

Instrument :

BNA_P

ClientSampleId :

SB-30



Tgt Ion:276 Resp: 631058

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.2

138 19.5 16.2 24.4

