

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014122.D
 Acq On : 17 Mar 2023 15:50
 Operator : CG/JU
 Sample : 01939-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20071

Quant Time: Mar 18 00:24:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 00:19:43 2023
 Response via : Initial Calibration

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

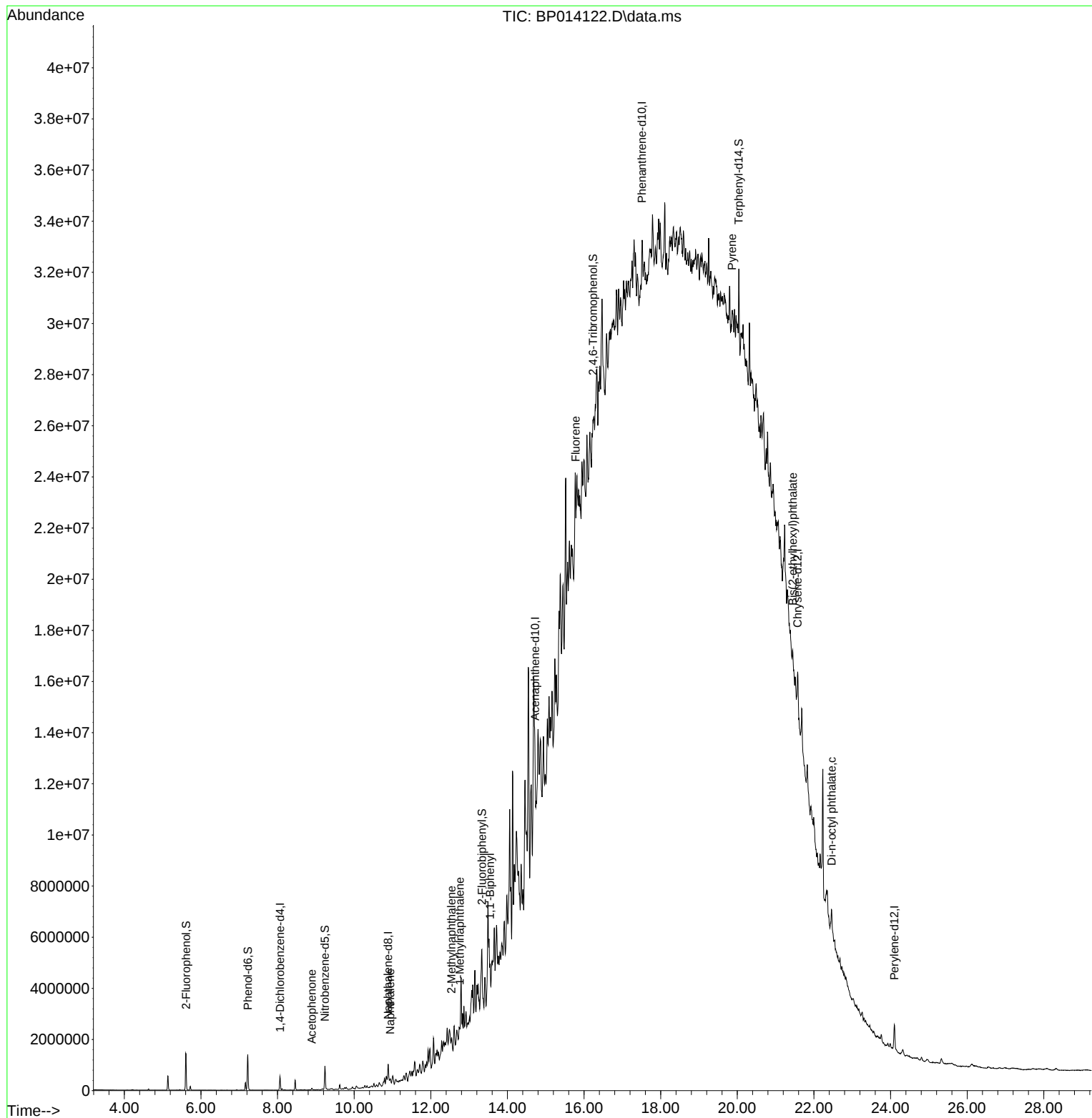
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	132903	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	512100	20.000	ng	# 0.00
39) Acenaphthene-d10	14.722	164	341755	20.000	ng	0.01
64) Phenanthrene-d10	17.510	188	514872	20.000	ng	# 0.04
76) Chrysene-d12	21.574	240	711618	20.000	ng	# 0.02
86) Perylene-d12	24.098	264	830159	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	598133	72.987	ng	0.00
7) Phenol-d6	7.222	99	760527	70.684	ng	0.00
23) Nitrobenzene-d5	9.234	82	538768	48.086	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	380977	68.755	ng	0.03
45) 2-Fluorobiphenyl	13.334	172	1122442	42.551	ng	0.00
79) Terphenyl-d14	20.039	244	1789797	41.473	ng	0.04
Target Compounds						Qvalue
22) Acetophenone	8.893	105	30660	2.134	ng	# 96
31) Naphthalene	10.940	128	91979	3.269	ng	# 94
37) 2-Methylnaphthalene	12.540	142	154814	7.457	ng	94
38) 1-Methylnaphthalene	12.757	142	117903	6.093	ng	# 94
46) 1,1'-Biphenyl	13.545	154	228012	8.289	ng	96
58) Fluorene	15.781	166	150834	5.748	ng	# 24
78) Pyrene	19.863	202	172274	3.154	ng	# 8
84) Bis(2-ethylhexyl)phtha...	21.445	149	150106	4.941	ng	# 64
85) Di-n-octyl phthalate	22.463	149	127111	2.578	ng	# 60

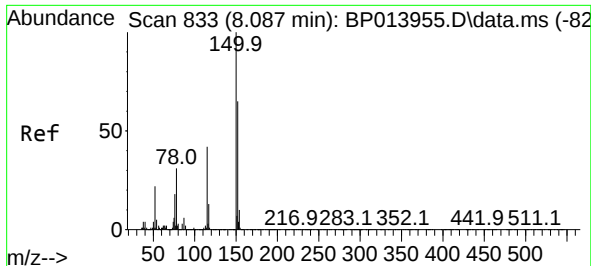
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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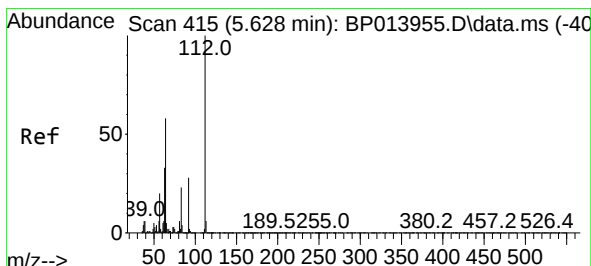
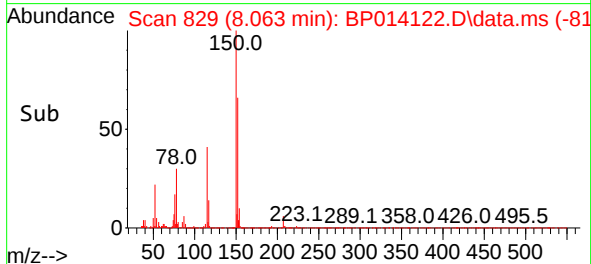
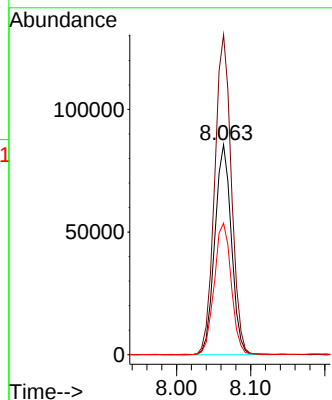
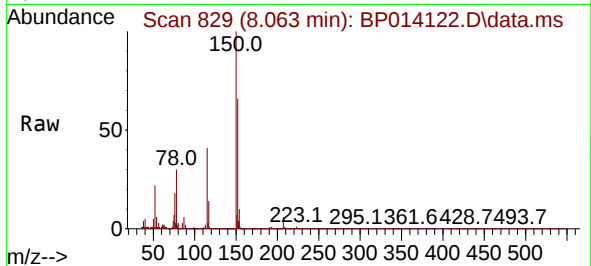




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

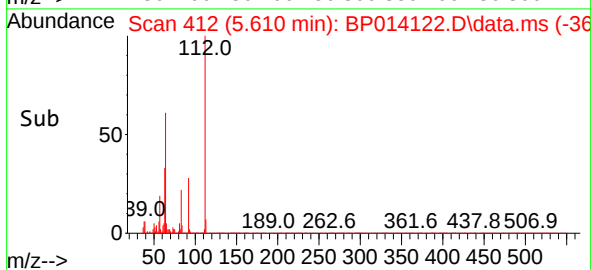
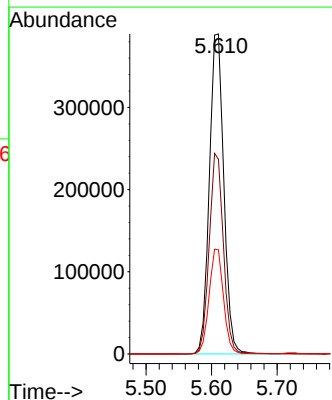
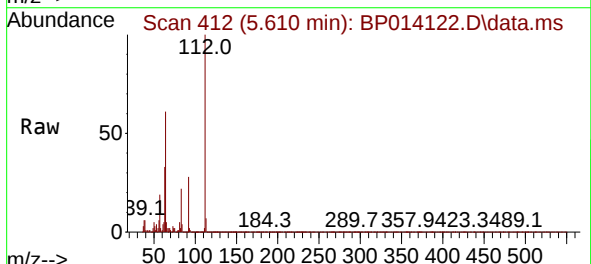
Instrument :
BNA_P
ClientSampleId :
20071

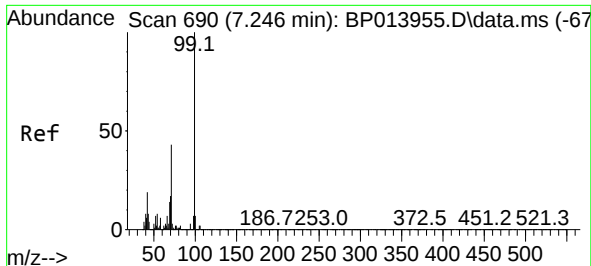
Tgt Ion:152 Resp: 132903
Ion Ratio Lower Upper
152 100
150 152.3 122.3 183.5
115 62.6 51.6 77.4



#5
2-Fluorophenol
Concen: 72.987 ng
RT: 5.610 min Scan# 412
Delta R.T. 0.006 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

Tgt Ion:112 Resp: 598133
Ion Ratio Lower Upper
112 100
64 60.8 46.7 70.1
63 32.5 26.6 40.0

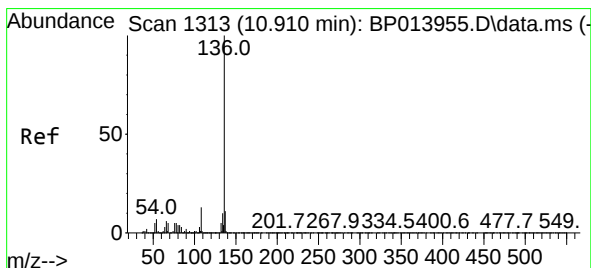
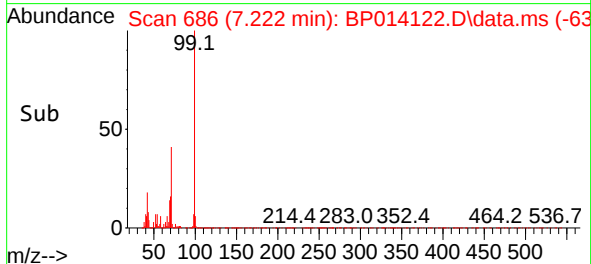
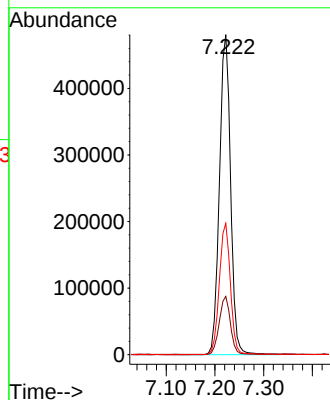
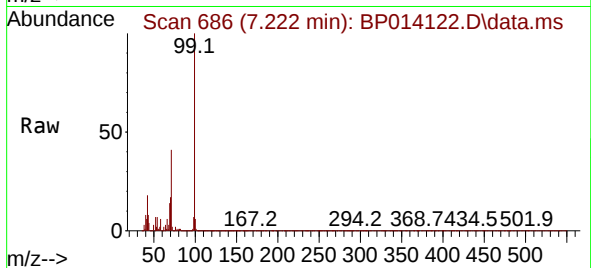




#7
Phenol-d6
Concen: 70.684 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

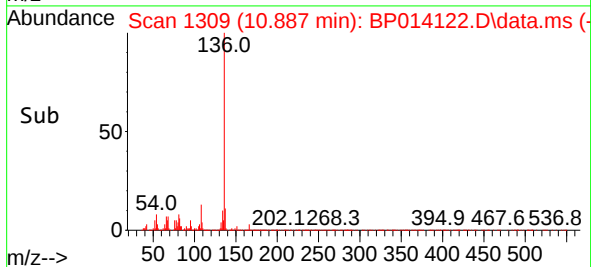
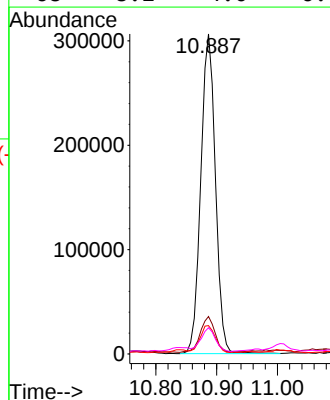
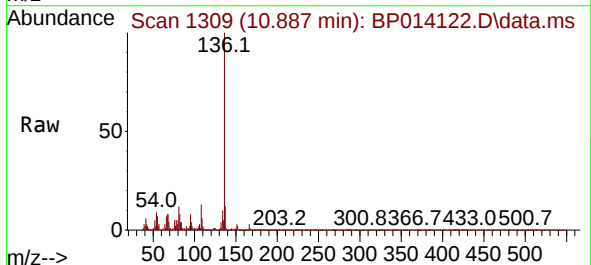
Instrument :
BNA_P
ClientSampleId :
20071

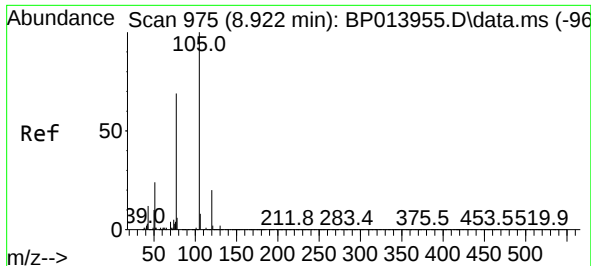
Tgt Ion: 99 Resp: 760527
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.6
71 41.0 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

Tgt Ion: 136 Resp: 512100
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 8.9 5.8 8.8#
68 8.2 4.0 6.0#

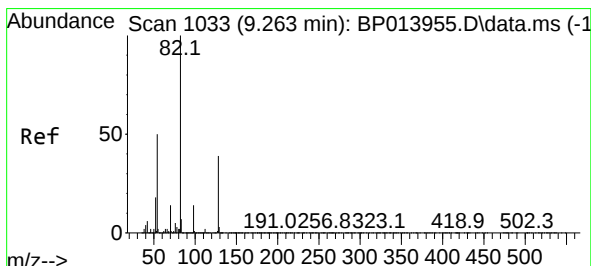
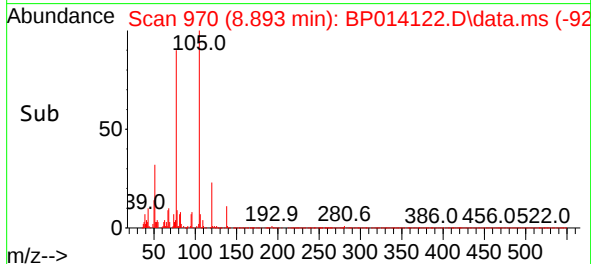
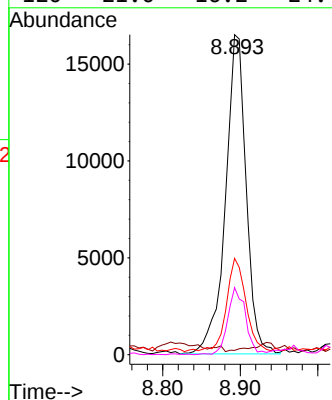
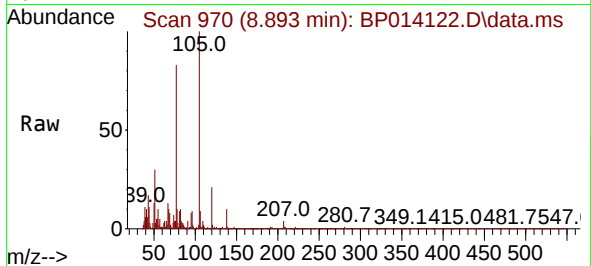




#22
Acetophenone
Concen: 2.134 ng
RT: 8.893 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

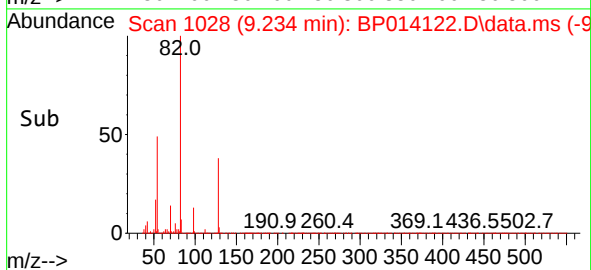
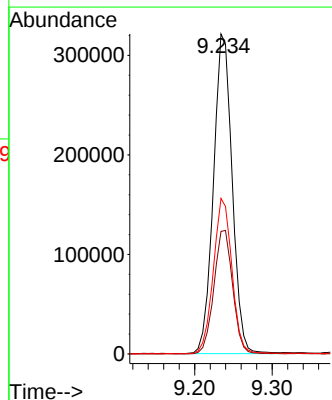
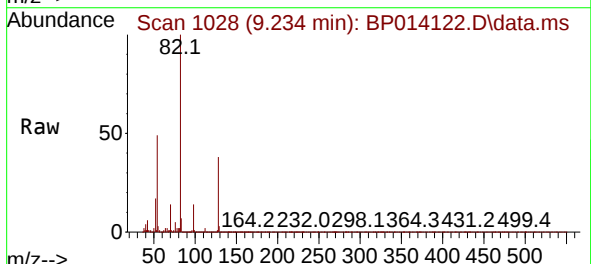
Instrument :
BNA_P
ClientSampleId :
20071

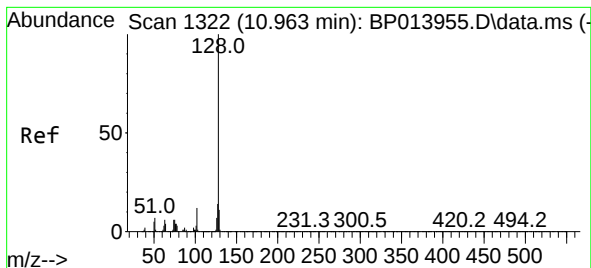
Tgt Ion:105 Resp: 30660
Ion Ratio Lower Upper
105 100
71 1.3 1.4 2.0#
51 30.1 21.5 32.3
120 21.0 16.2 24.4



#23
Nitrobenzene-d5
Concen: 48.086 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

Tgt Ion: 82 Resp: 538768
Ion Ratio Lower Upper
82 100
128 38.3 31.1 46.7
54 48.6 40.0 60.0





#31

Naphthalene

Concen: 3.269 ng

RT: 10.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

Instrument :

BNA_P

ClientSampleId :

20071

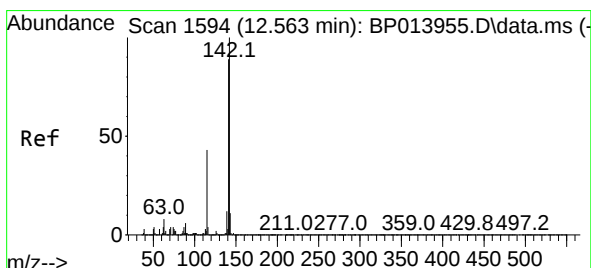
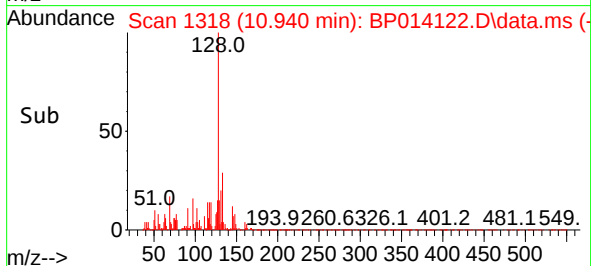
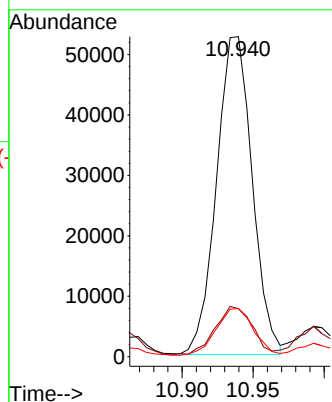
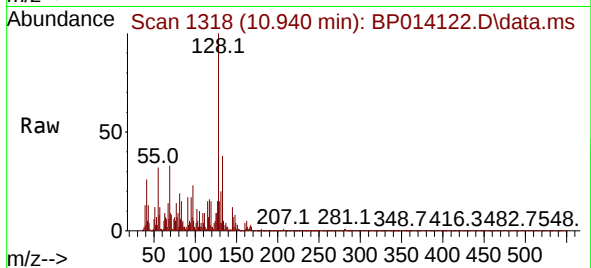
Tgt Ion:128 Resp: 91979

Ion Ratio Lower Upper

128 100

129 15.0 8.8 13.2#

127 15.1 11.2 16.8



#37

2-Methylnaphthalene

Concen: 7.457 ng

RT: 12.540 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

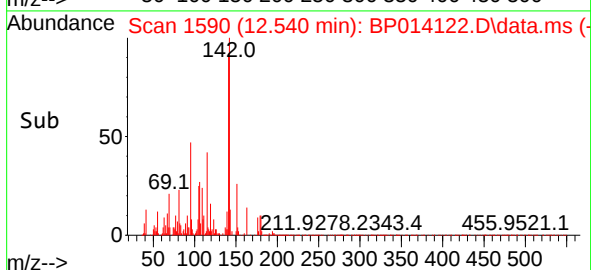
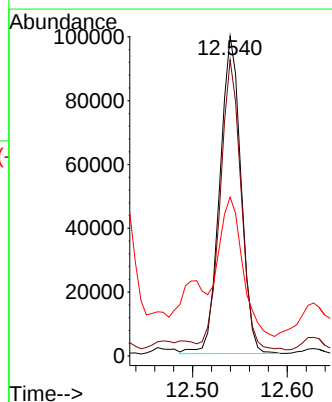
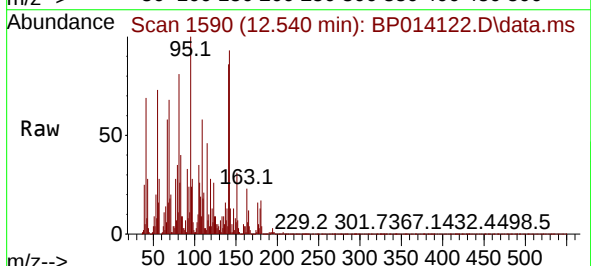
Tgt Ion:142 Resp: 154814

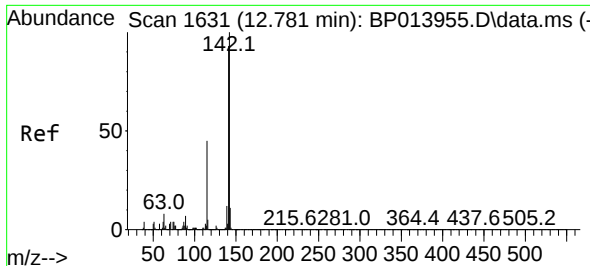
Ion Ratio Lower Upper

142 100

141 92.6 71.0 106.4

115 49.6 34.5 51.7

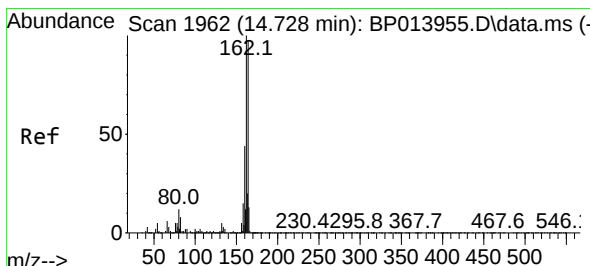
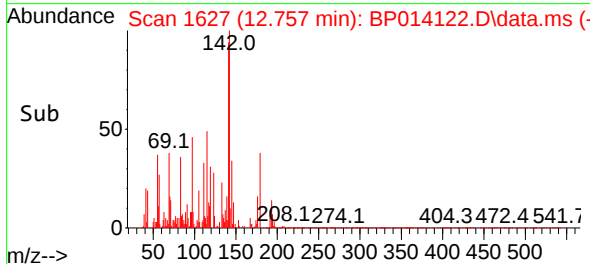
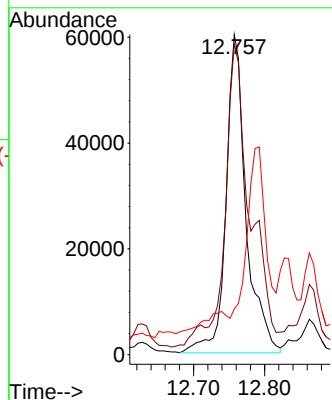
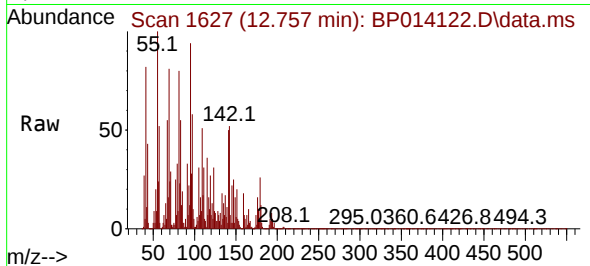




#38
1-Methylnaphthalene
Concen: 6.093 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

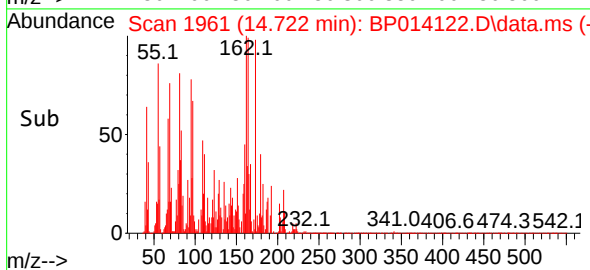
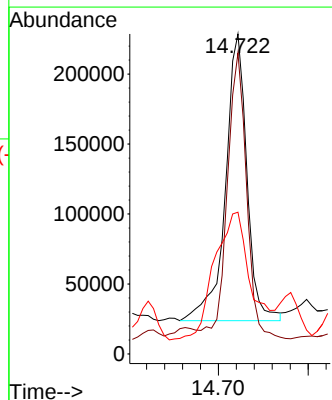
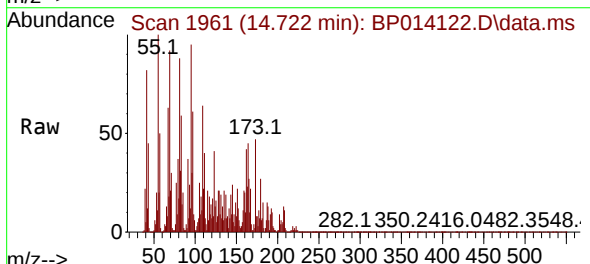
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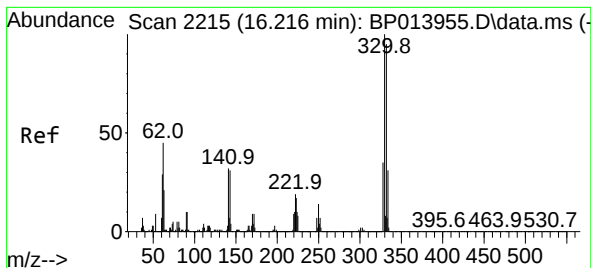
Tgt Ion:142 Resp: 117903
Ion Ratio Lower Upper
142 100
141 97.2 74.4 111.6
116 14.3 3.6 5.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

Tgt Ion:164 Resp: 341755
Ion Ratio Lower Upper
164 100
162 94.0 82.1 123.1
160 44.3 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 68.755 ng

RT: 16.233 min Scan# 21

Delta R.T. 0.029 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

Instrument :

BNA_P

ClientSampleId :

20071

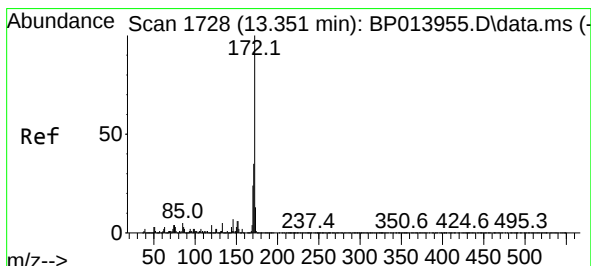
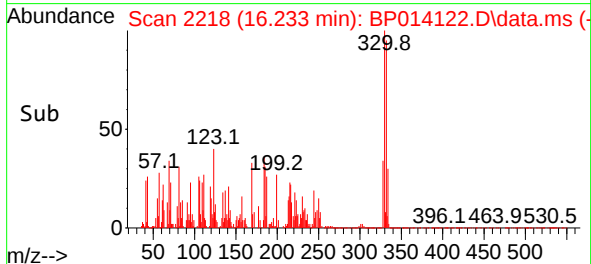
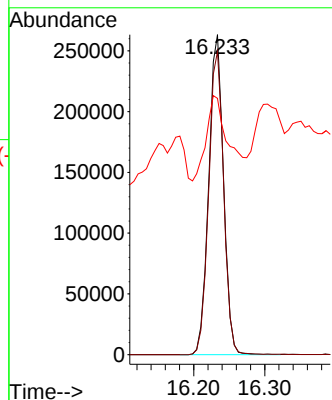
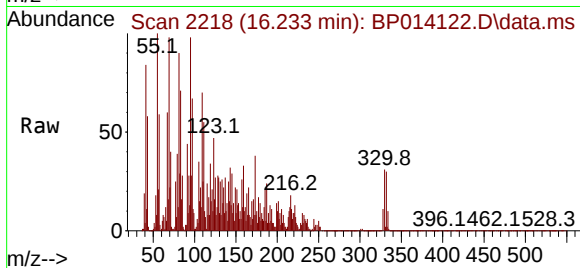
Tgt Ion:330 Resp: 380977

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 40.4 25.6 38.4#



#45

2-Fluorobiphenyl

Concen: 42.551 ng

RT: 13.334 min Scan# 1725

Delta R.T. -0.000 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

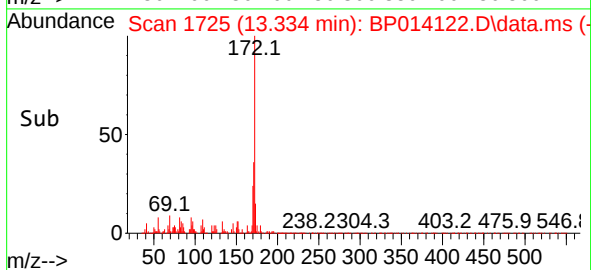
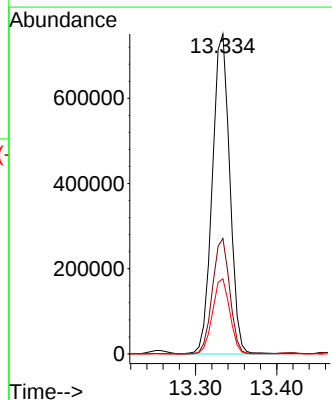
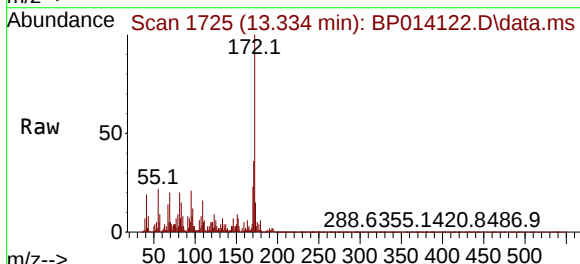
Tgt Ion:172 Resp: 1122442

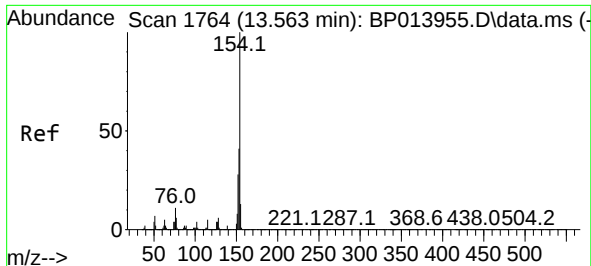
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.5 19.0 28.4

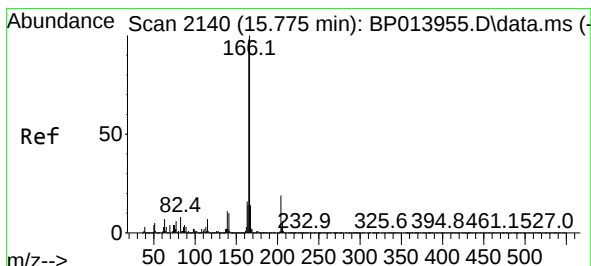
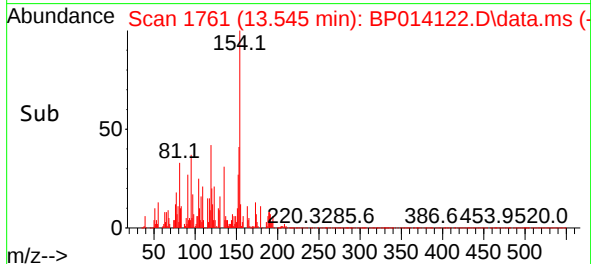
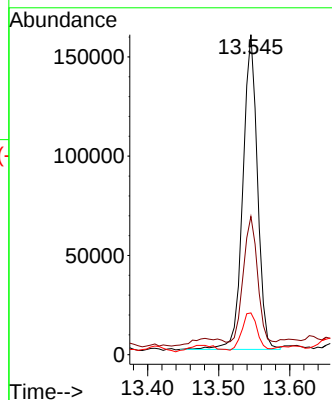
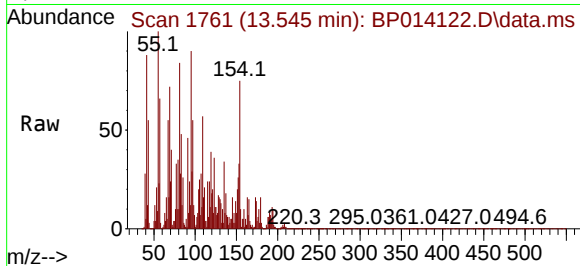




#46
1,1'-Biphenyl
Concen: 8.289 ng
RT: 13.545 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

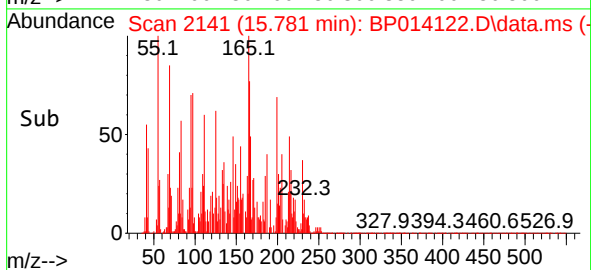
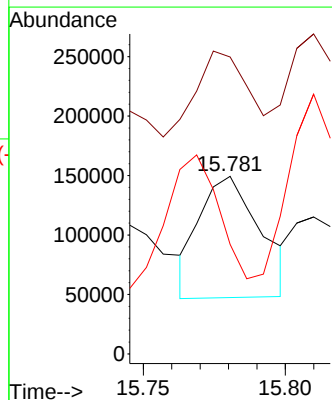
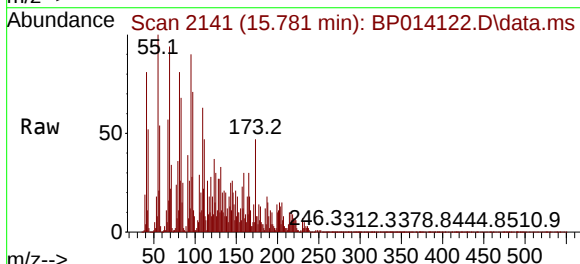
Instrument :
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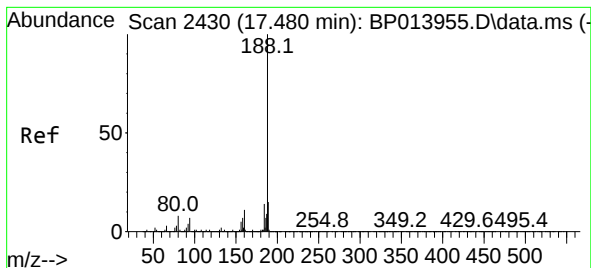
Tgt Ion:154 Resp: 228012
Ion Ratio Lower Upper
154 100
153 43.2 21.0 61.0
76 13.0 0.0 31.0



#58
Fluorene
Concen: 5.748 ng
RT: 15.781 min Scan# 2141
Delta R.T. 0.023 min
Lab File: BP014122.D
Acq: 17 Mar 2023 15:50

Tgt Ion:166 Resp: 150834
Ion Ratio Lower Upper
166 100
165 167.1 78.1 117.1#
167 61.7 10.8 16.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.510 min Scan# 2435

Delta R.T. 0.041 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

Instrument :

BNA_P

ClientSampleId :

20071

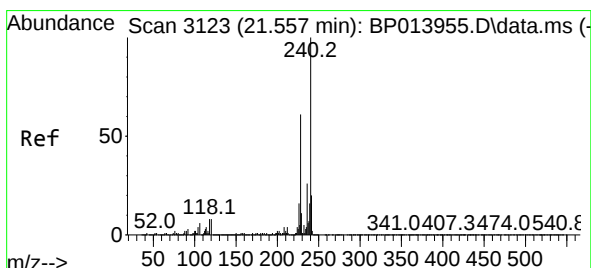
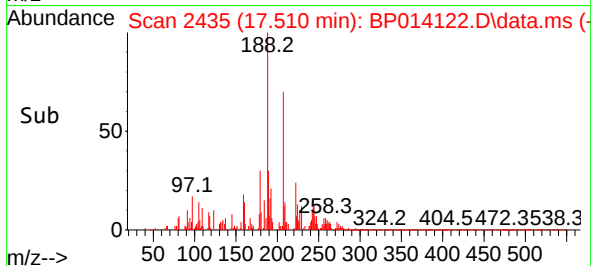
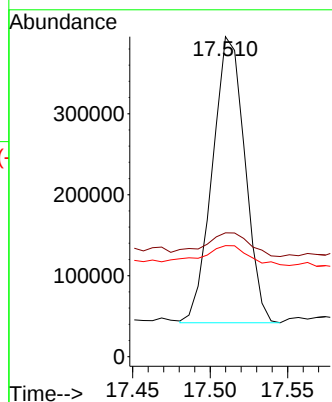
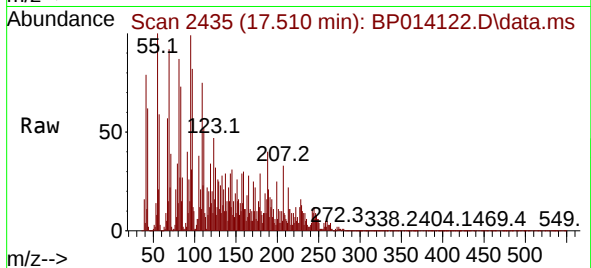
Tgt Ion:188 Resp: 514872

Ion Ratio Lower Upper

188 100

94 38.7 5.8 8.6#

80 34.7 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. 0.023 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

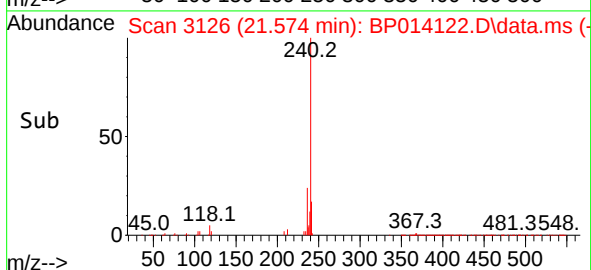
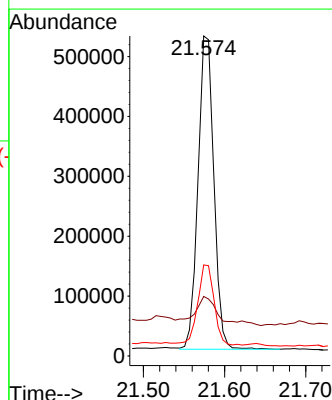
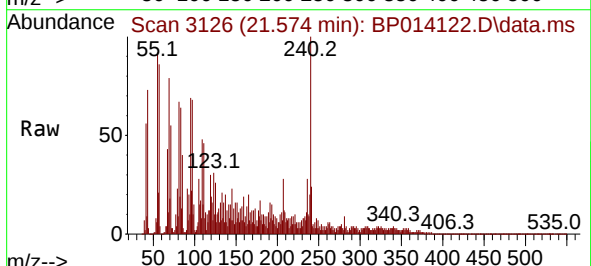
Tgt Ion:240 Resp: 711618

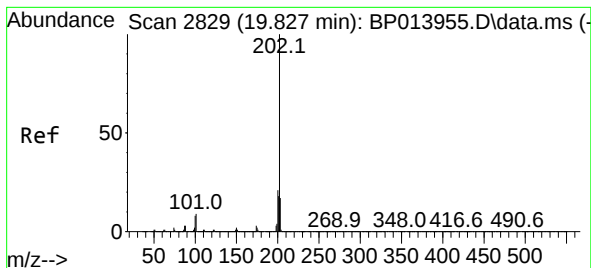
Ion Ratio Lower Upper

240 100

120 18.6 6.4 9.6#

236 28.4 21.2 31.8





#78

Pyrene

Concen: 3.154 ng

RT: 19.863 min Scan# 21

Delta R.T. 0.041 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

Instrument :

BNA_P

ClientSampleId :

20071

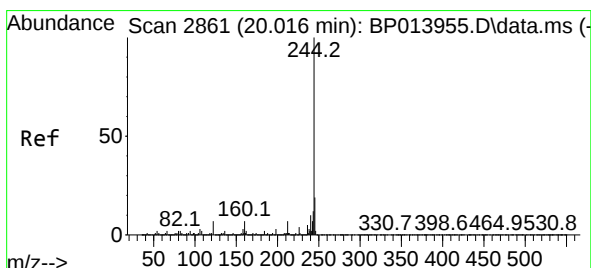
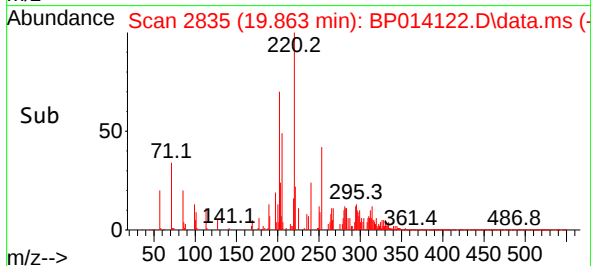
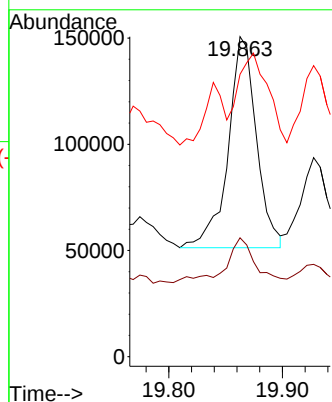
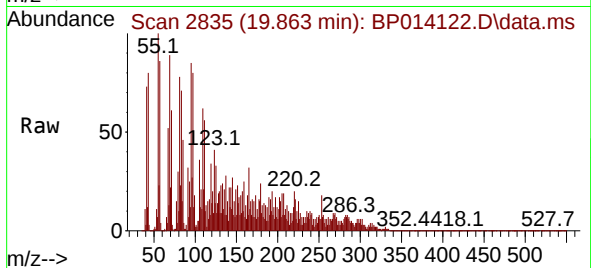
Tgt Ion:202 Resp: 172274

Ion Ratio Lower Upper

202 100

200 37.1 16.9 25.3#

203 88.2 13.9 20.9#



#79

Terphenyl-d14

Concen: 41.473 ng

RT: 20.039 min Scan# 2865

Delta R.T. 0.035 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

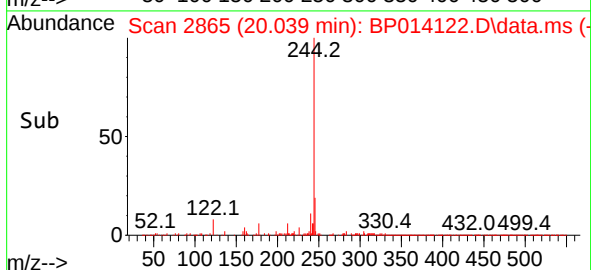
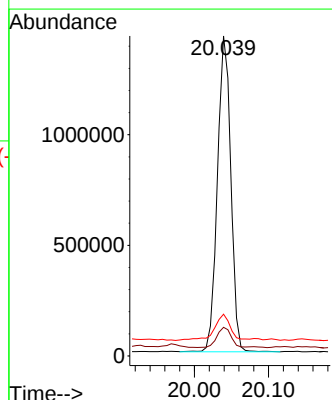
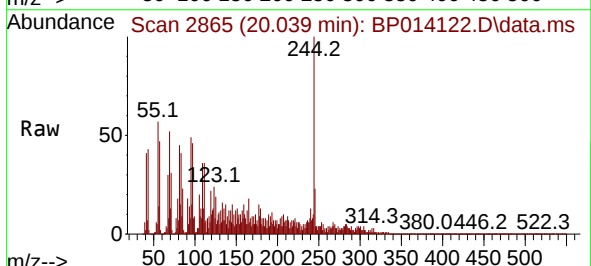
Tgt Ion:244 Resp: 1789797

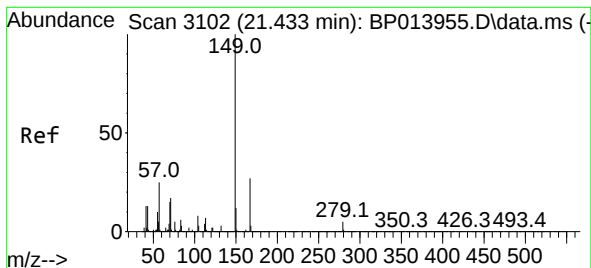
Ion Ratio Lower Upper

244 100

212 9.0 6.0 9.0

122 13.0 5.8 8.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.941 ng

RT: 21.445 min Scan# 3102

Delta R.T. 0.017 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

Instrument :

BNA_P

ClientSampleId :

20071

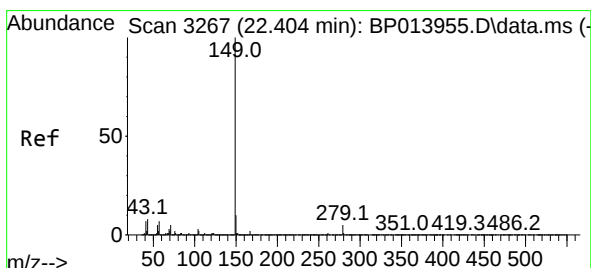
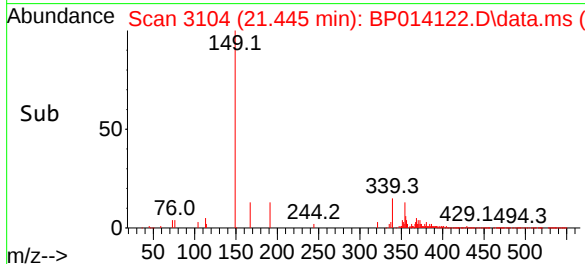
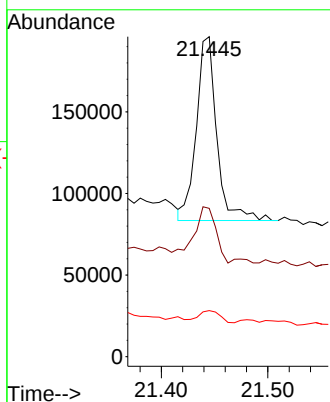
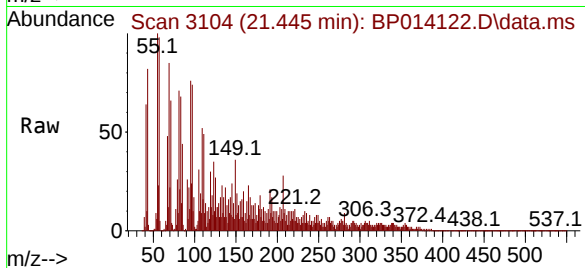
Tgt Ion:149 Resp: 150106

Ion Ratio Lower Upper

149 100

167 46.3 21.8 32.6#

279 14.4 4.0 6.0#



#85

Di-n-octyl phthalate

Concen: 2.578 ng

RT: 22.463 min Scan# 3277

Delta R.T. 0.065 min

Lab File: BP014122.D

Acq: 17 Mar 2023 15:50

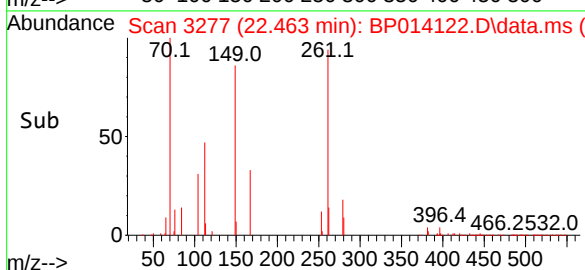
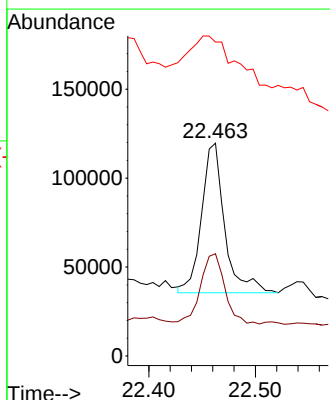
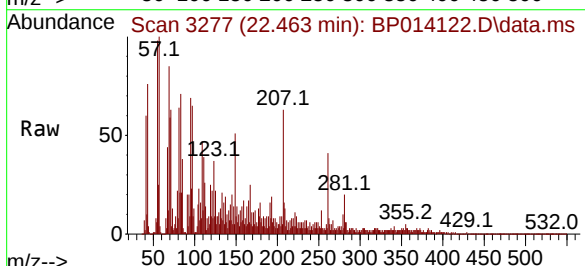
Tgt Ion:149 Resp: 127111

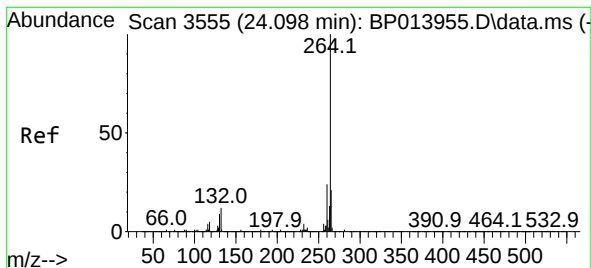
Ion Ratio Lower Upper

149 100

167 49.3 1.3 1.9#

43 0.0 6.4 9.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.098 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP014122.D

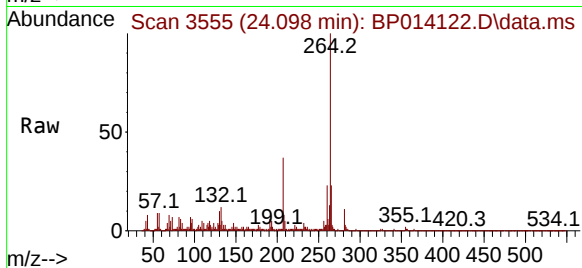
Acq: 17 Mar 2023 15:50

Instrument :

BNA_P

ClientSampleId :

20071



Tgt Ion:264 Resp: 830159

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.9 17.8 26.8

