

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
 Data File : BP013632.D
 Acq On : 27 Jan 2023 23:24
 Operator : CG/JU
 Sample : 01310-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-1

Quant Time: Jan 29 23:55:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 03:27:54 2023
 Response via : Initial Calibration

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

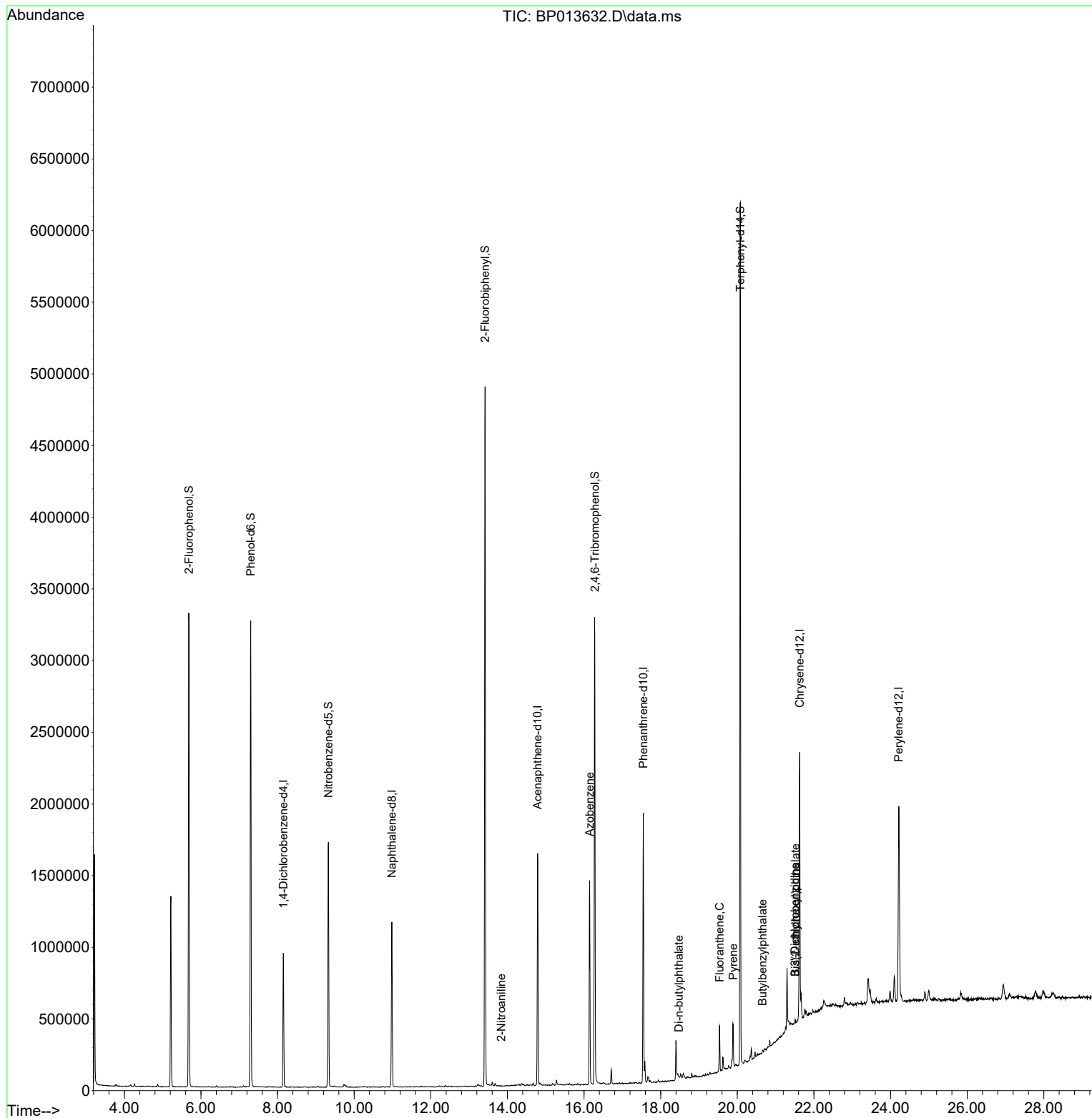
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	253076	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	967355	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	570207	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1124182	20.000	ng	# 0.00
76) Chrysene-d12	21.627	240	921284	20.000	ng	0.00
86) Perylene-d12	24.215	264	1139786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1506641	106.681	ng	0.00
7) Phenol-d6	7.299	99	1951010	102.263	ng	0.00
23) Nitrobenzene-d5	9.328	82	1015804	57.700	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	672180	77.428	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	2626639	65.790	ng	0.00
79) Terphenyl-d14	20.080	244	3128516	59.924	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.839	65	111	3.933	ng	# 30
63) Azobenzene	16.145	77	413156	10.025	ng	# 1
74) Di-n-butylphthalate	18.475	149	5173	3.669	ng	# 91
75) Fluoranthene	19.539	202	191150	2.658	ng	97
78) Pyrene	19.892	202	173672	2.436	ng	99
80) Butylbenzylphthalate	20.657	149	488	5.405	ng	88
82) 3,3'-Dichlorobenzidine	21.504	252	1140	6.414	ng	# 42
84) Bis(2-ethylhexyl)phtha...	21.516	149	5417	3.712	ng	# 98

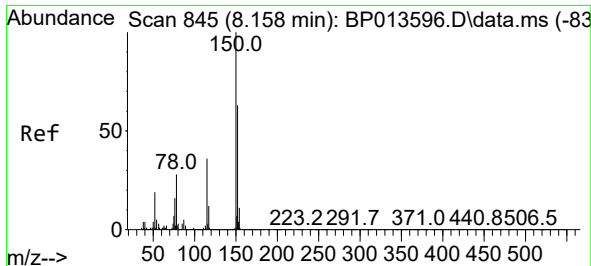
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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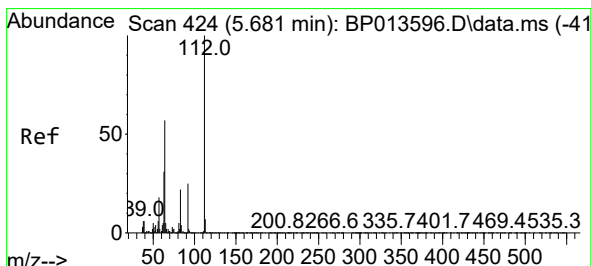
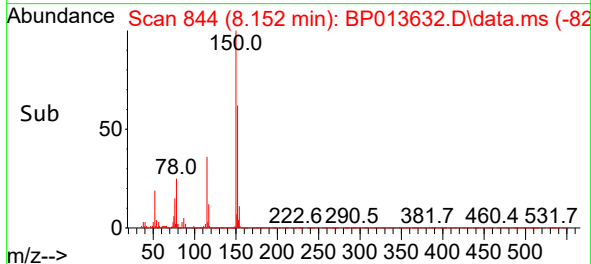
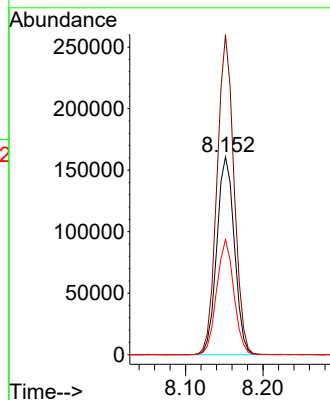
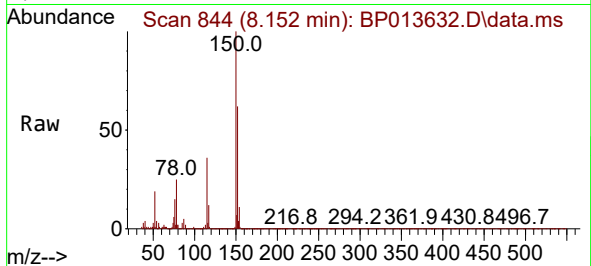




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

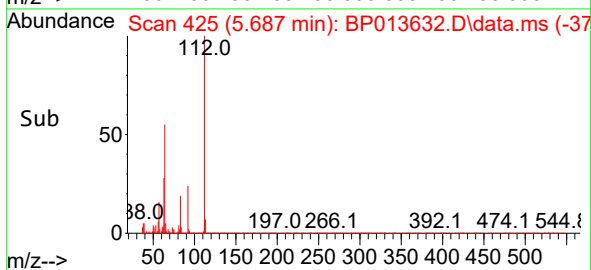
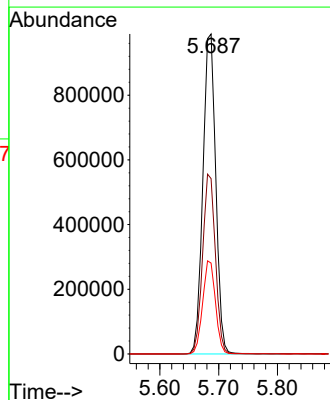
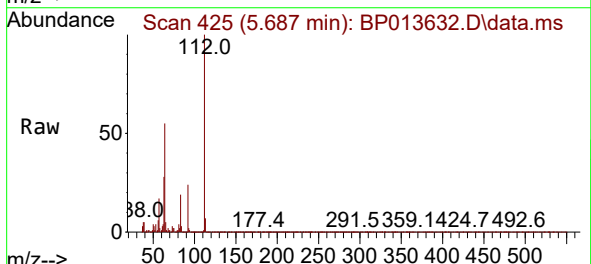
Instrument :
BNA_P
ClientSampleId :
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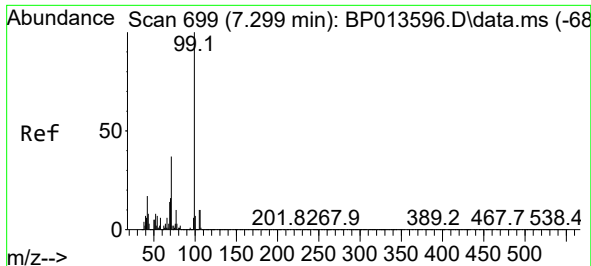
Tgt Ion:152 Resp: 253076
Ion Ratio Lower Upper
152 100
150 161.8 126.2 189.2
115 58.2 45.1 67.7



#5
2-Fluorophenol
Concen: 106.681 ng
RT: 5.687 min Scan# 425
Delta R.T. 0.006 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

Tgt Ion:112 Resp: 1506641
Ion Ratio Lower Upper
112 100
64 54.8 45.5 68.3
63 28.4 25.1 37.7

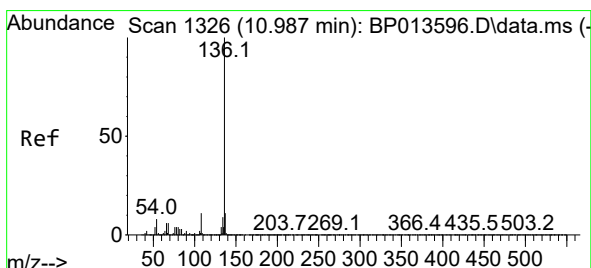
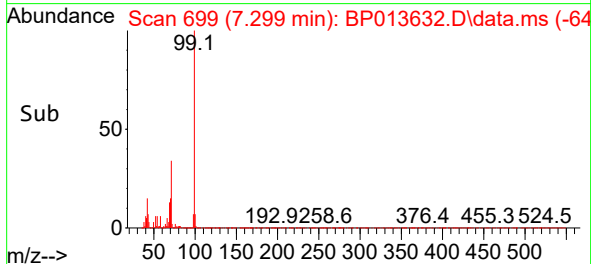
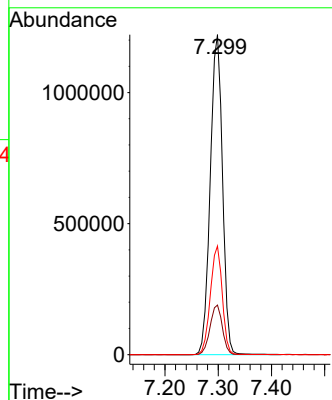
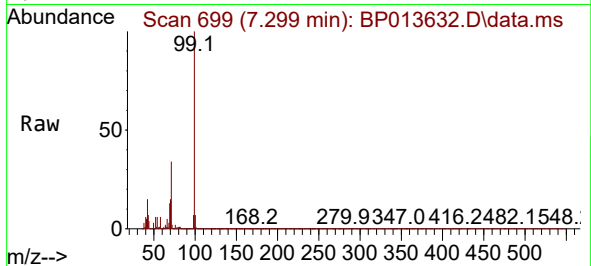




#7
Phenol-d6
Concen: 102.263 ng
RT: 7.299 min Scan# 699
Delta R.T. -0.000 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

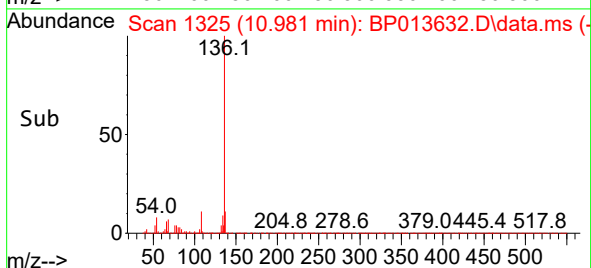
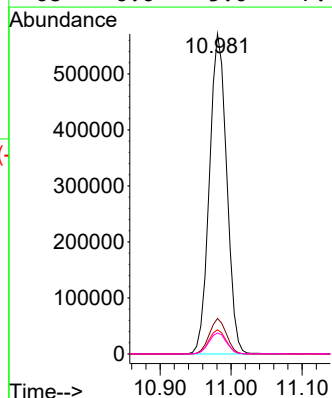
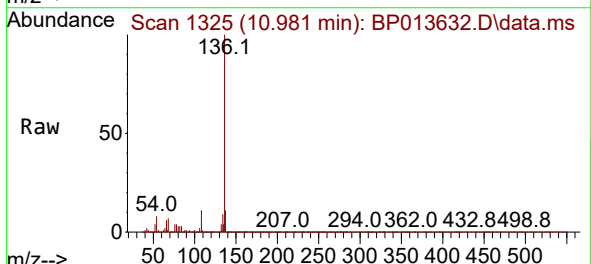
Instrument :
BNA_P
ClientSampleId :
S-1

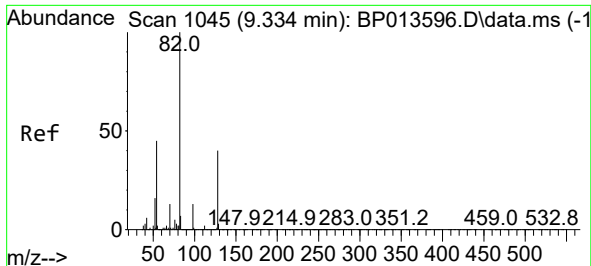
Tgt Ion: 99 Resp: 1951010
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.2
71 34.0 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

Tgt Ion:136 Resp: 967355
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.5 6.1 9.1
68 6.6 5.0 7.4

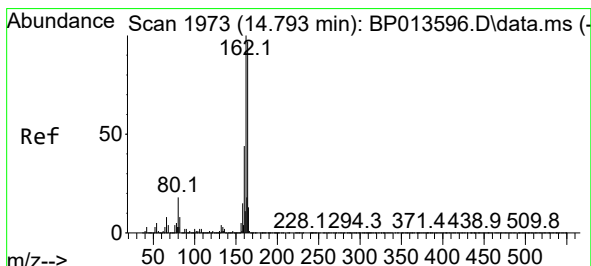
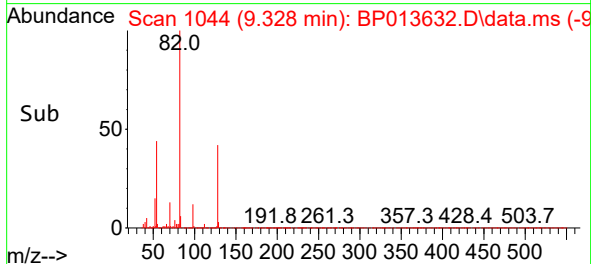
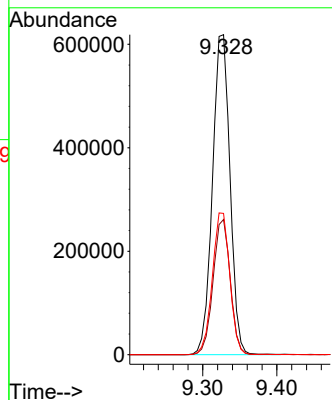
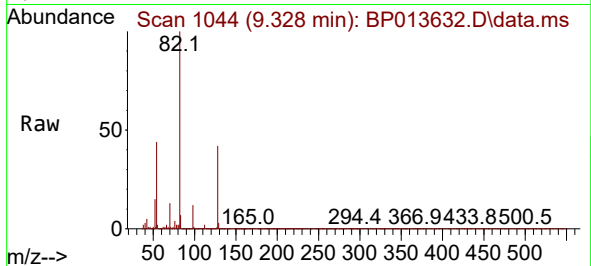




#23
Nitrobenzene-d5
Concen: 57.700 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

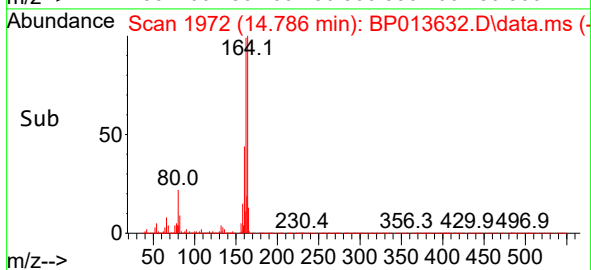
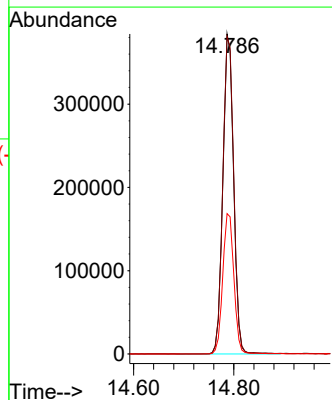
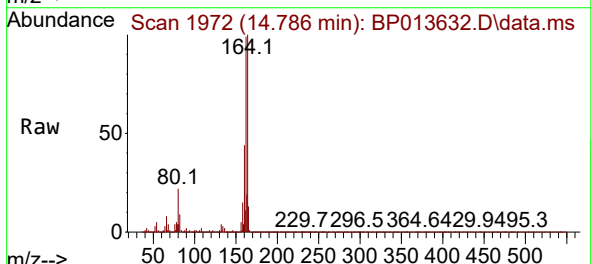
Instrument :
BNA_P
ClientSampleId :
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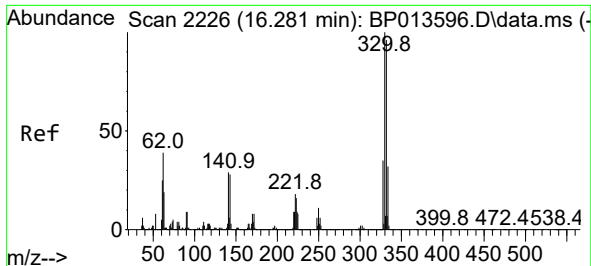
Tgt Ion: 82 Resp: 1015804
Ion Ratio Lower Upper
82 100
128 42.2 31.8 47.8
54 44.1 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

Tgt Ion: 164 Resp: 570207
Ion Ratio Lower Upper
164 100
162 99.2 82.3 123.5
160 43.8 36.6 54.8

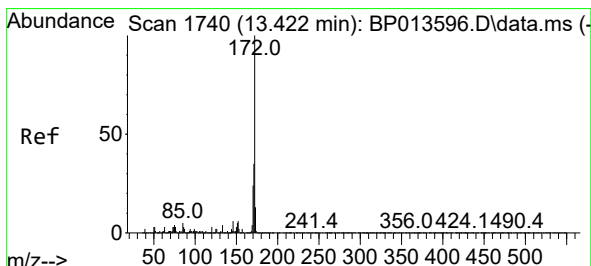
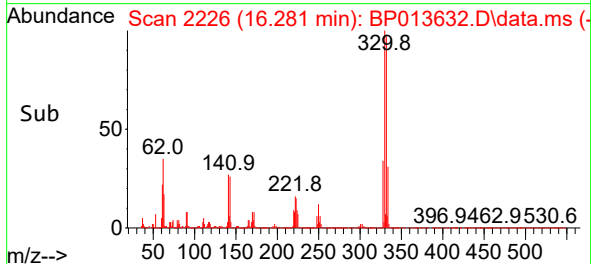
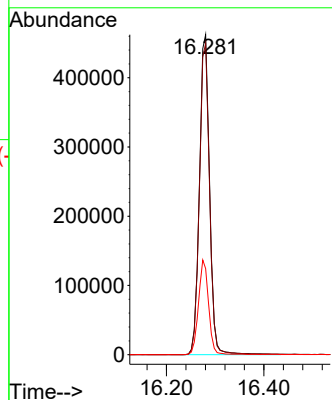
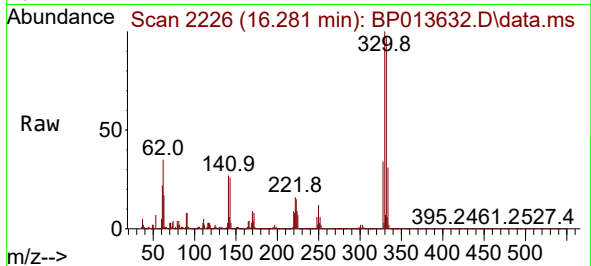




#42
2,4,6-Tribromophenol
Concen: 77.428 ng
RT: 16.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

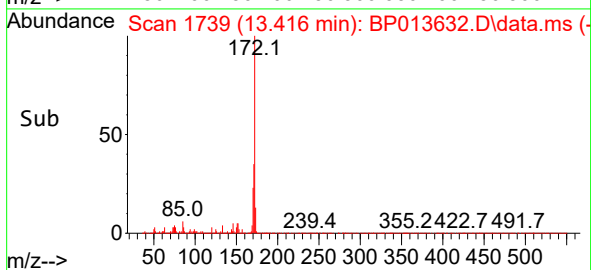
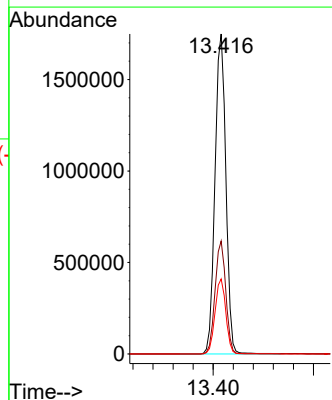
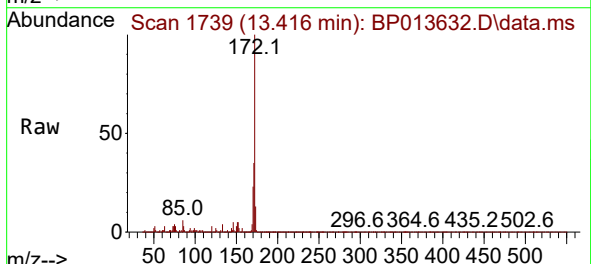
Instrument :
BNA_P
ClientSampleId :
S-1

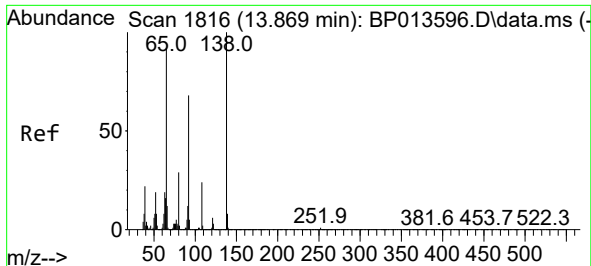
Tgt Ion:330 Resp: 672180
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 29.4 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 65.790 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

Tgt Ion:172 Resp: 2626639
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.4 19.1 28.7

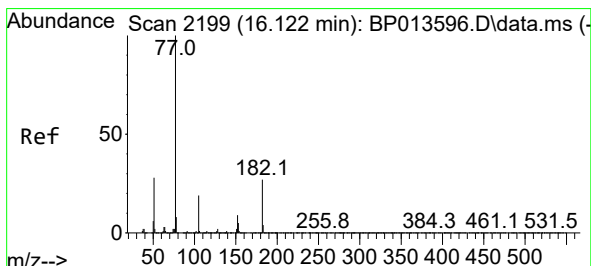
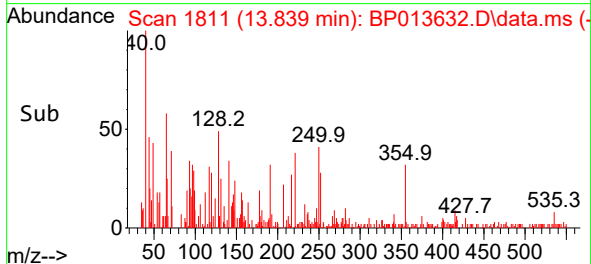
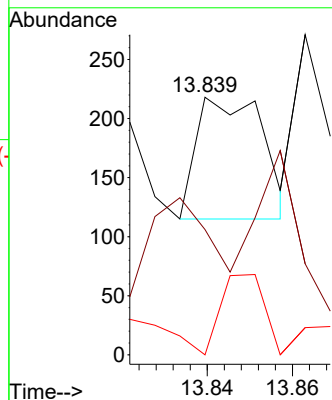
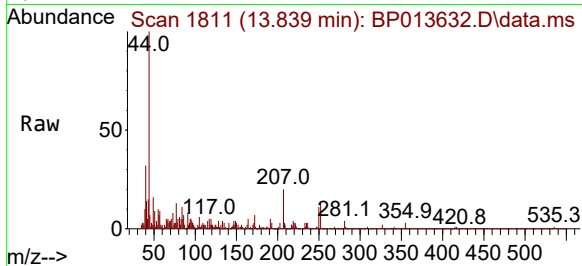




#48
2-Nitroaniline
Concen: 3.933 ng
RT: 13.839 min Scan# 11
Delta R.T. -0.030 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

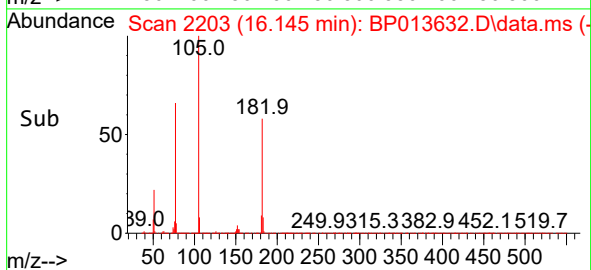
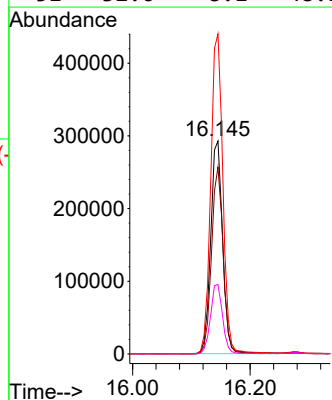
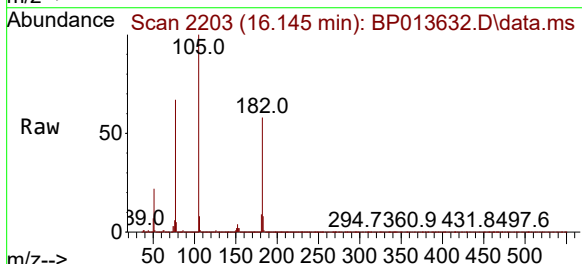
Instrument :
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ClientSampleId :
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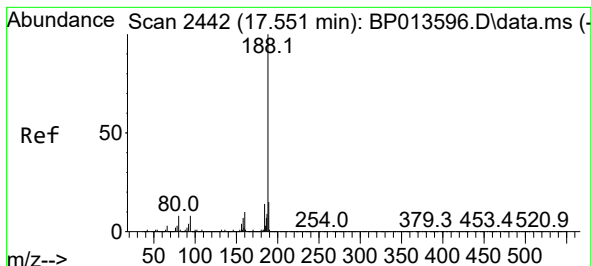
Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 48.6 59.5 89.3#
138 7.3 87.1 130.7#



#63
Azobenzene
Concen: 10.025 ng
RT: 16.145 min Scan# 2203
Delta R.T. 0.023 min
Lab File: BP013632.D
Acq: 27 Jan 2023 23:24

Tgt Ion: 77 Resp: 413156
Ion Ratio Lower Upper
77 100
182 87.8 7.0 47.0#
105 150.3 0.0 39.2#
51 32.6 8.1 48.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

Instrument :

BNA_P

ClientSampleId :

S-1

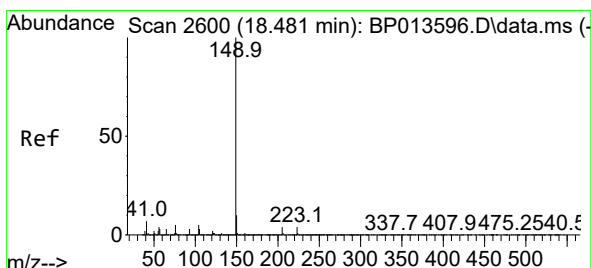
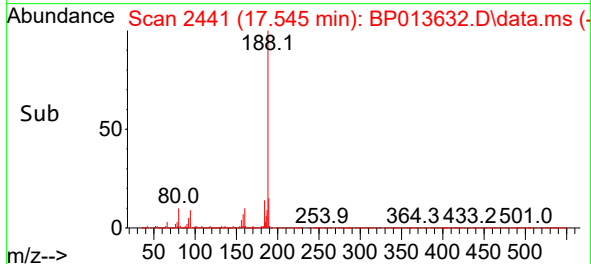
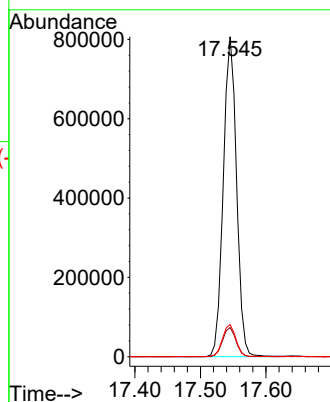
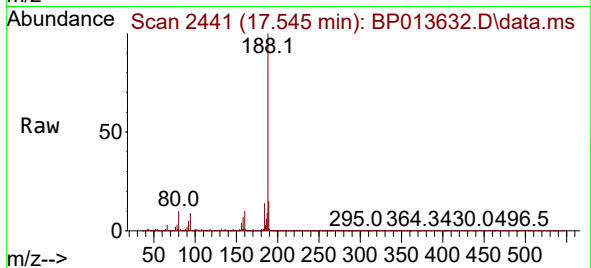
Tgt Ion:188 Resp: 1124182

Ion Ratio Lower Upper

188 100

94 9.1 6.1 9.1

80 10.1 6.6 10.0#



#74

Di-n-butylphthalate

Concen: 3.669 ng

RT: 18.475 min Scan# 2599

Delta R.T. -0.006 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

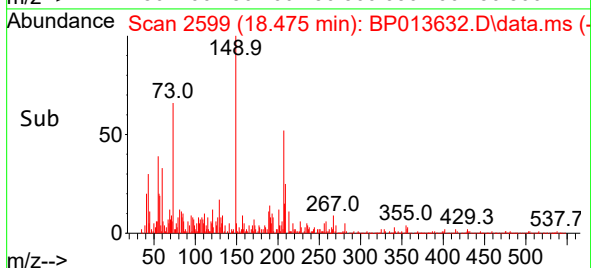
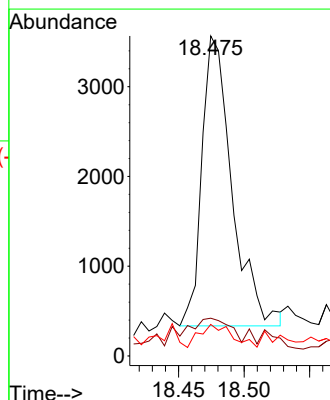
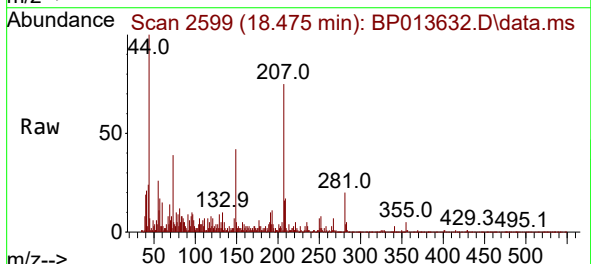
Tgt Ion:149 Resp: 5173

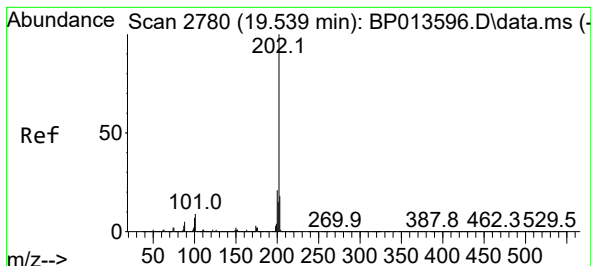
Ion Ratio Lower Upper

149 100

150 11.8 7.6 11.4#

104 9.9 4.4 6.6#





#75

Fluoranthene

Concen: 2.658 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013632.D

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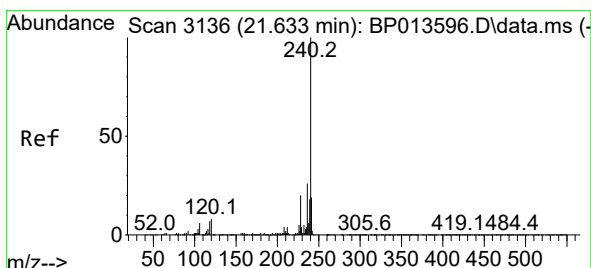
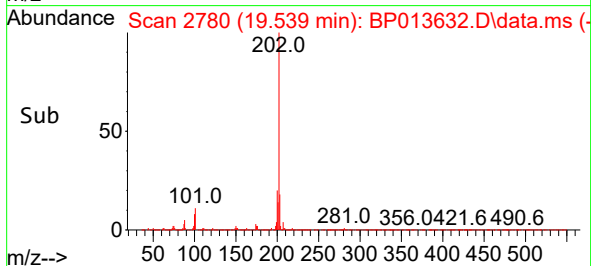
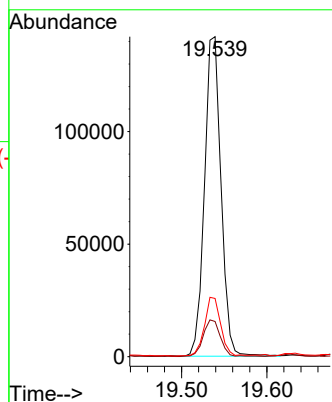
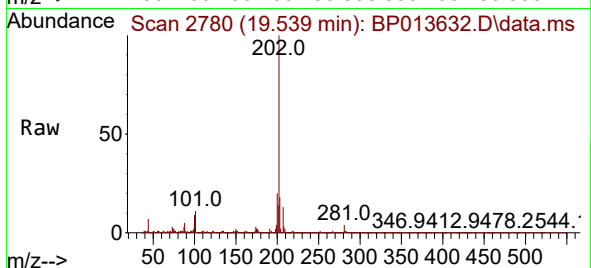
Tgt Ion:202 Resp: 191150

Ion Ratio Lower Upper

202 100

101 11.0 0.0 28.9

203 18.2 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

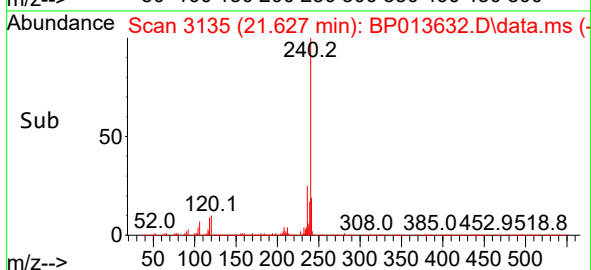
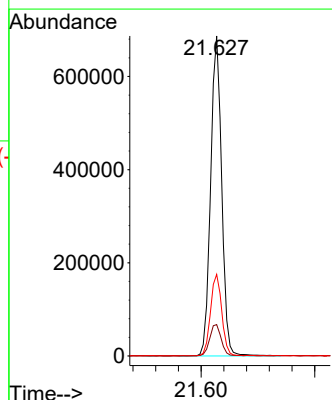
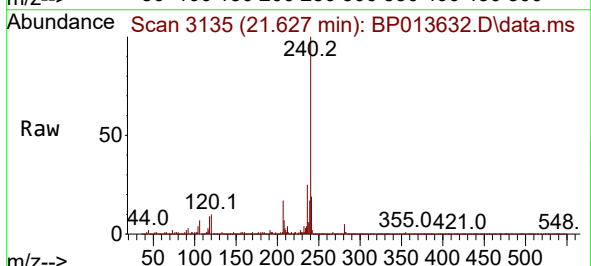
Tgt Ion:240 Resp: 921284

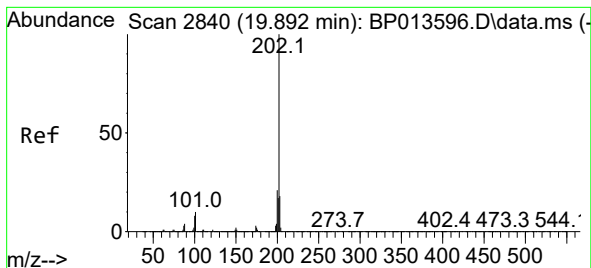
Ion Ratio Lower Upper

240 100

120 9.8 6.7 10.1

236 25.5 20.7 31.1





#78

Pyrene

Concen: 2.436 ng

RT: 19.892 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

Instrument :

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ClientSampleId :

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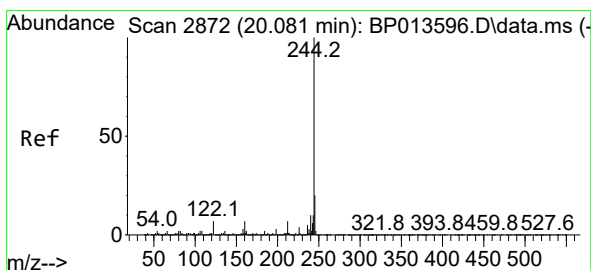
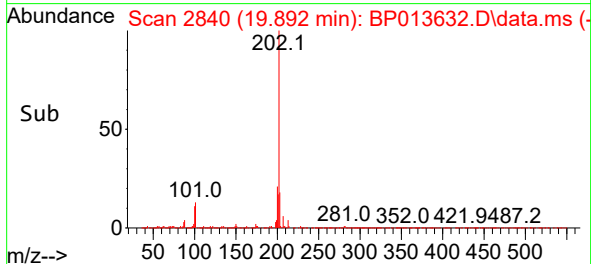
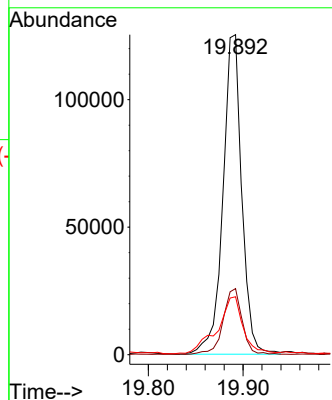
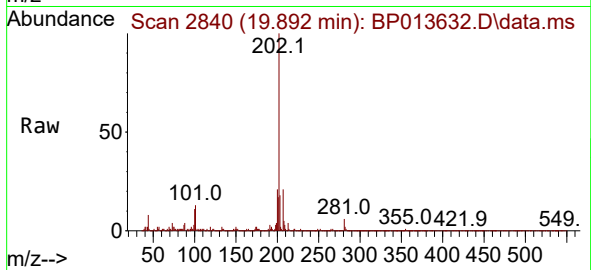
Tgt Ion:202 Resp: 173672

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 18.1 14.2 21.2



#79

Terphenyl-d14

Concen: 59.924 ng

RT: 20.080 min Scan# 2872

Delta R.T. -0.000 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

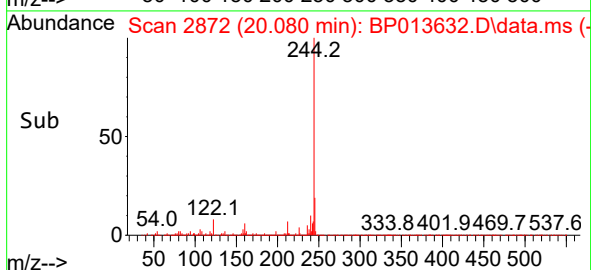
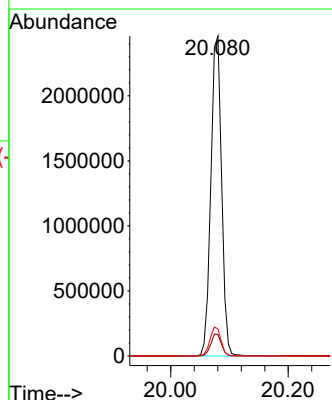
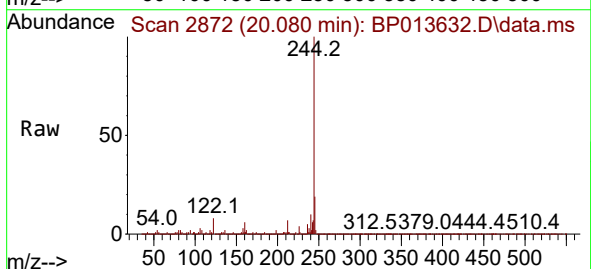
Tgt Ion:244 Resp: 3128516

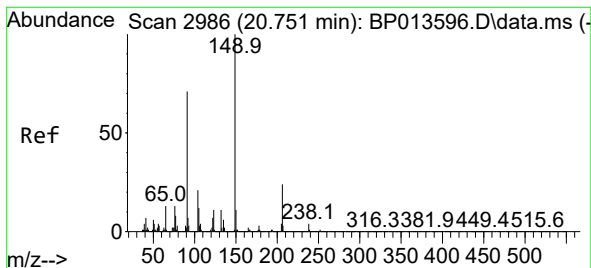
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.4 5.3 7.9#





#80

Butylbenzylphthalate

Concen: 5.405 ng

RT: 20.657 min Scan# 2986

Delta R.T. -0.094 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

Instrument :

BNA_P

ClientSampleId :

S-1

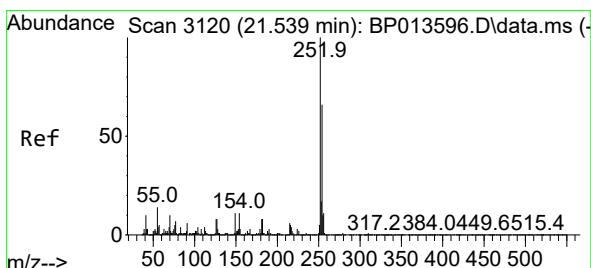
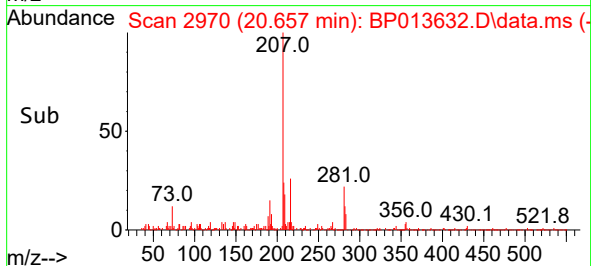
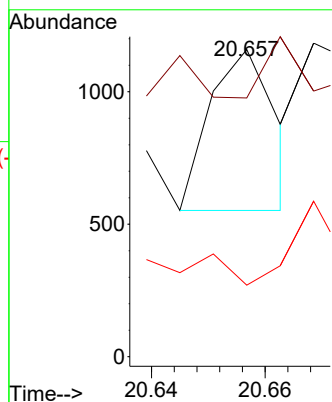
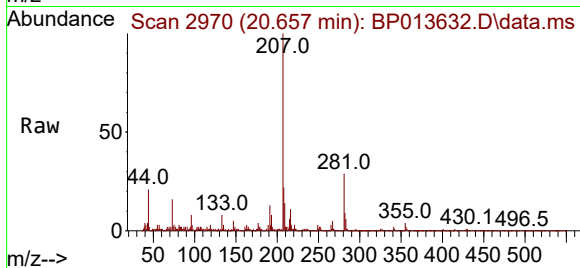
Tgt Ion:149 Resp: 488

Ion Ratio Lower Upper

149 100

91 84.2 57.0 85.6

206 23.3 19.0 28.6



#82

3,3'-Dichlorobenzidine

Concen: 6.414 ng

RT: 21.504 min Scan# 3114

Delta R.T. -0.035 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

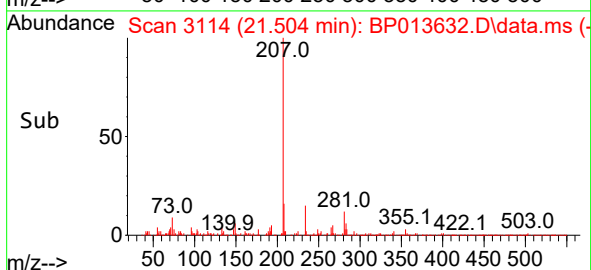
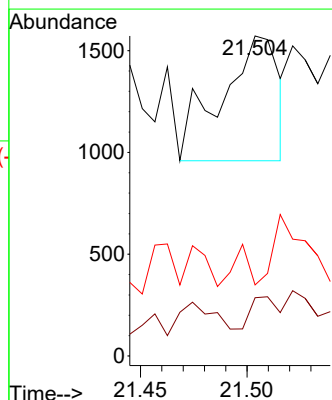
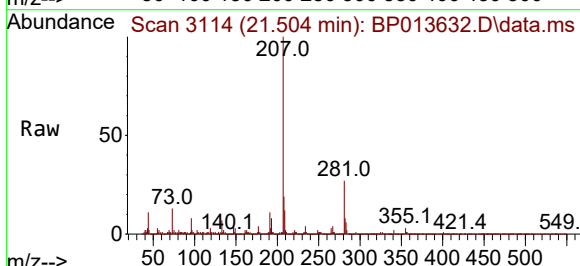
Tgt Ion:252 Resp: 1140

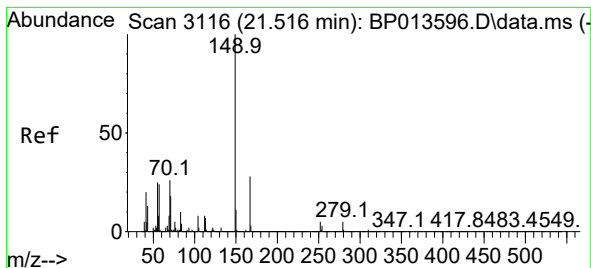
Ion Ratio Lower Upper

252 100

254 18.2 52.3 78.5#

126 22.2 6.2 9.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.712 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

Instrument :

BNA_P

ClientSampleId :

S-1

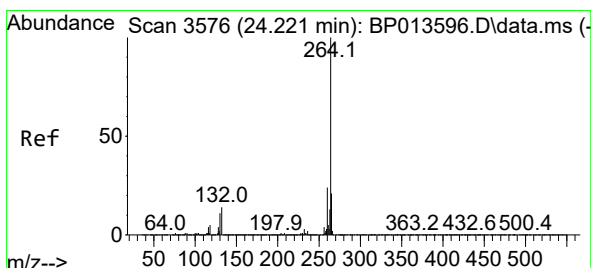
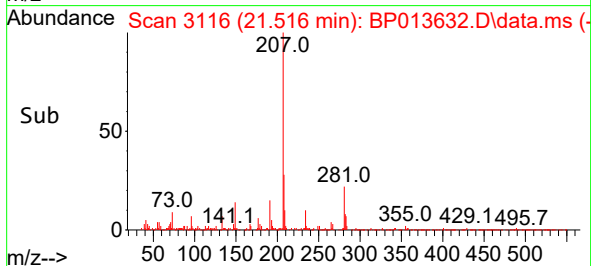
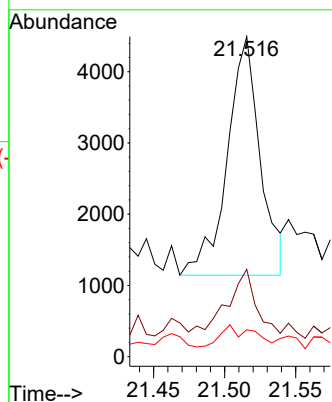
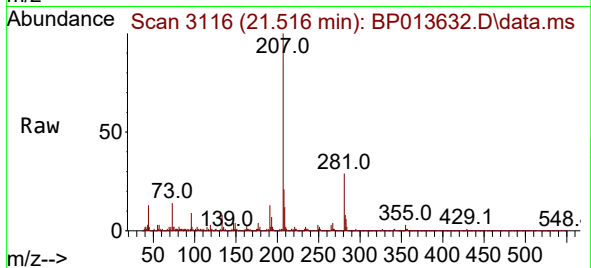
Tgt Ion:149 Resp: 5417

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

279 8.4 3.8 5.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 3575

Delta R.T. -0.006 min

Lab File: BP013632.D

Acq: 27 Jan 2023 23:24

Tgt Ion:264 Resp: 1139786

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.6 17.4 26.0

