

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014131.D
 Acq On : 17 Mar 2023 21:03
 Operator : CG/JU
 Sample : 01954-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SV-TP4-0316

Quant Time: Mar 18 00:28:04 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)

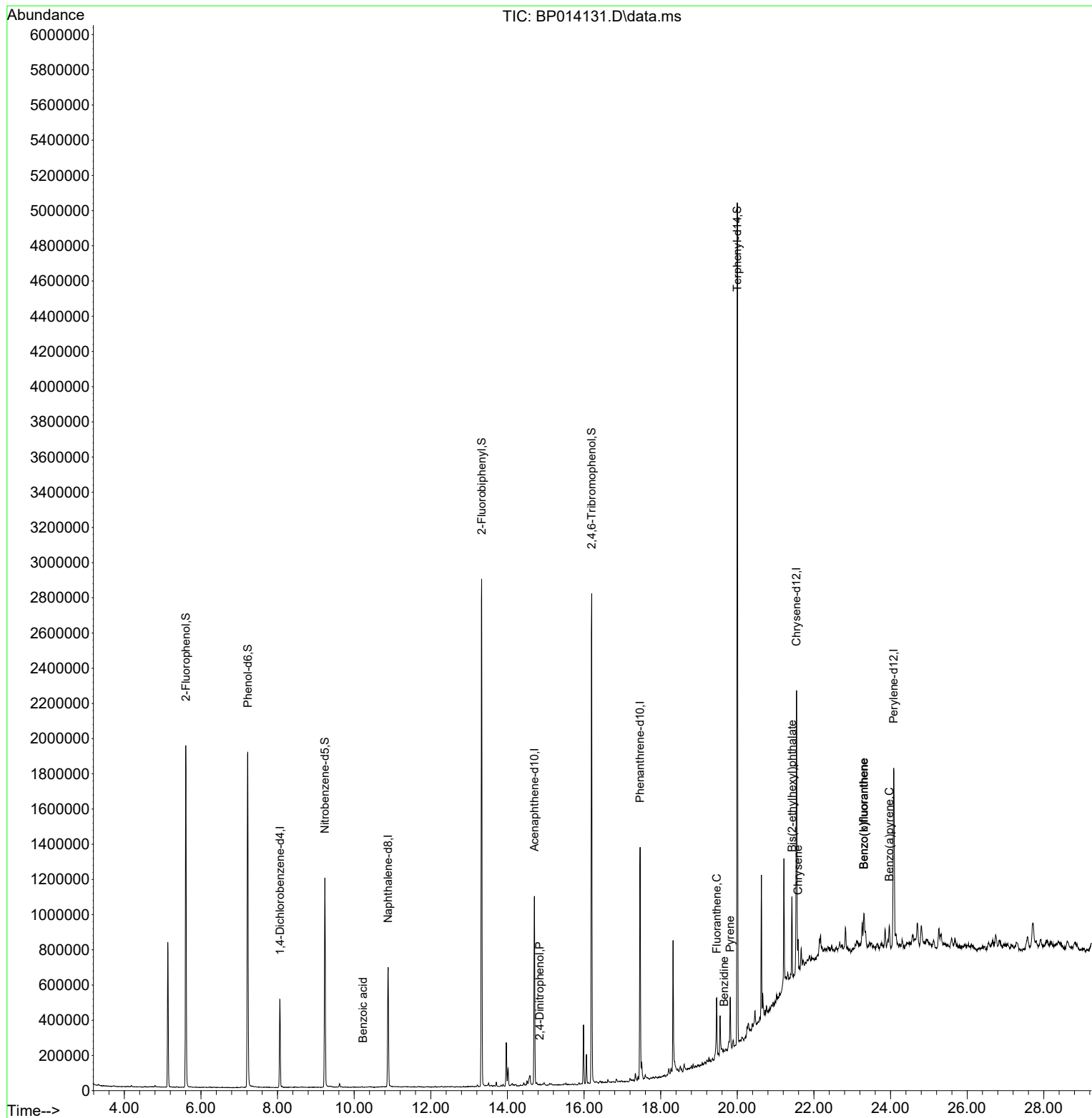
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	133741	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	542306	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	349367	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	772248	20.000	ng	0.00
76) Chrysene-d12	21.545	240	744245	20.000	ng	0.00
86) Perylene-d12	24.080	264	858841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	797036	96.649	ng	0.00
7) Phenol-d6	7.222	99	1081151	99.854	ng	0.00
23) Nitrobenzene-d5	9.234	82	703975	59.331	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	552039	97.456	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1473269	54.634	ng	0.00
79) Terphenyl-d14	19.998	244	2270251	50.300	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.228	122	308	2.742	ng	# 56
54) 2,4-Dinitrophenol	14.840	184	42	3.087	ng	# 27
75) Fluoranthene	19.463	202	184923	3.586	ng	98
77) Benzidine	19.657	184	223	2.847	ng	# 1
78) Pyrene	19.816	202	164494	2.880	ng	99
83) Chrysene	21.586	228	112159	2.169	ng	97
84) Bis(2-ethylhexyl)phtha...	21.427	149	168934	5.317	ng	99
88) Benzo(b)fluoranthene	23.304	252	222556	3.957	ng	# 92
89) Benzo(k)fluoranthene	23.304	252	222556	3.991	ng	# 92
90) Benzo(a)pyrene	23.969	252	108066	2.015	ng	# 89

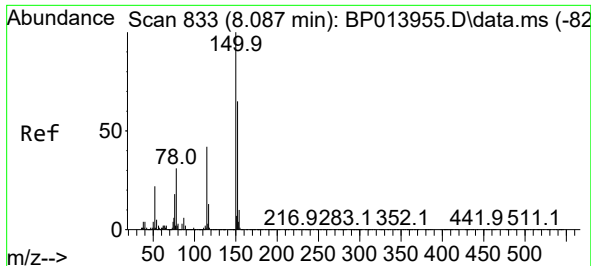
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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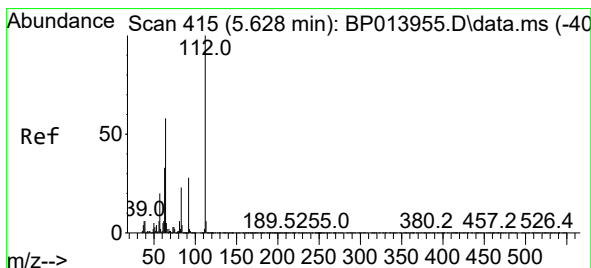
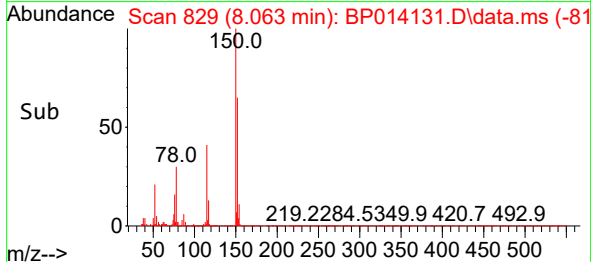
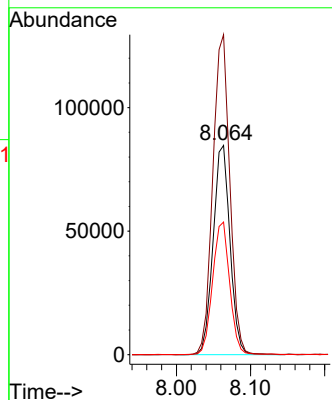
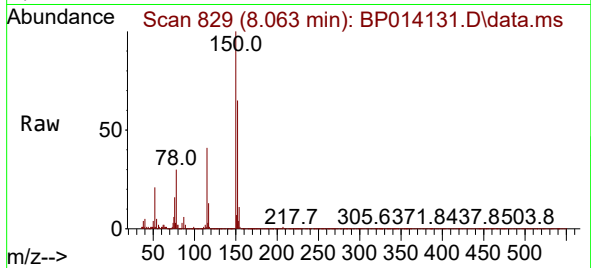




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

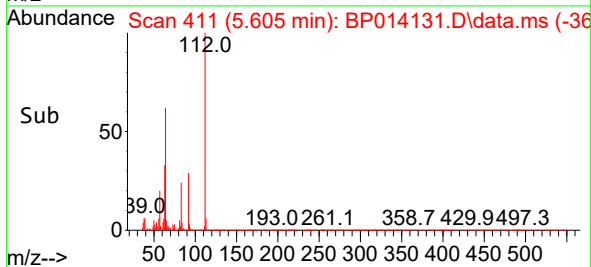
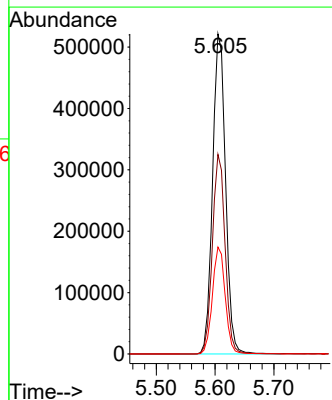
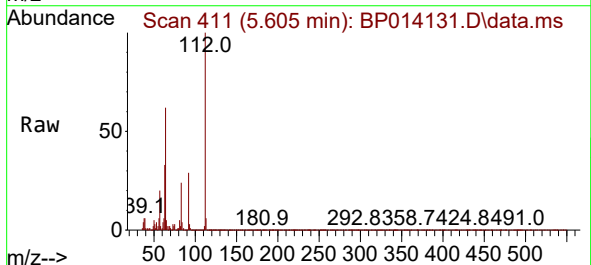
Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316

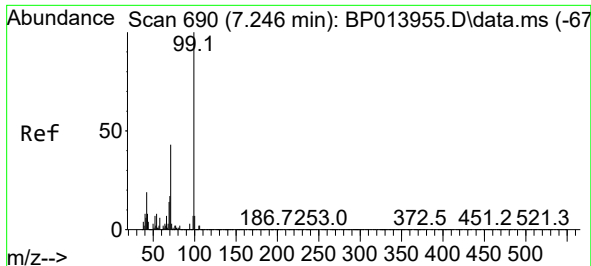
Tgt Ion:152 Resp: 133741
Ion Ratio Lower Upper
152 100
150 152.9 122.3 183.5
115 63.4 51.6 77.4



#5
2-Fluorophenol
Concen: 96.649 ng
RT: 5.605 min Scan# 411
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion:112 Resp: 797036
Ion Ratio Lower Upper
112 100
64 62.3 46.7 70.1
63 33.4 26.6 40.0

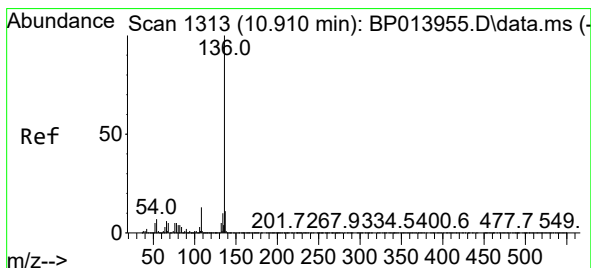
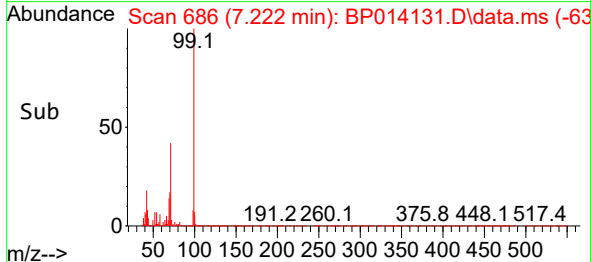
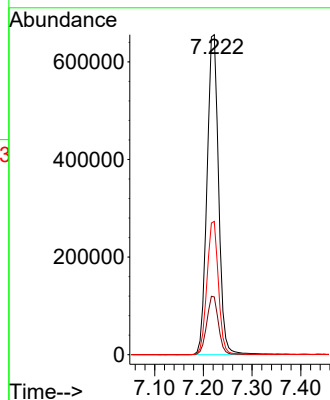
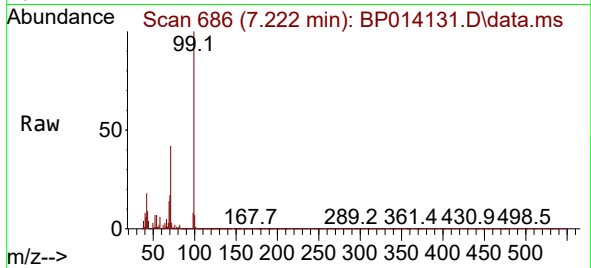




#7
Phenol-d6
Concen: 99.854 ng
RT: 7.222 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

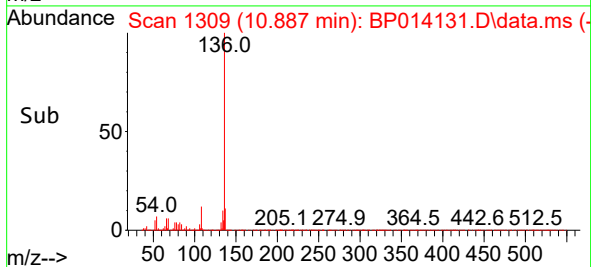
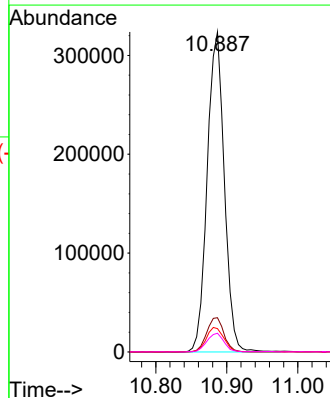
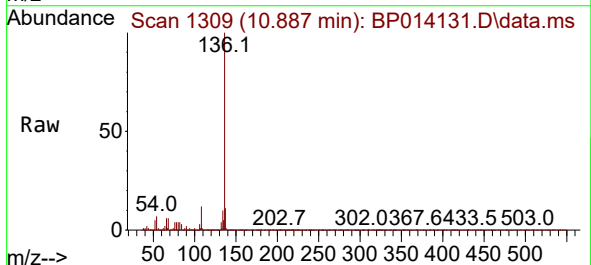
Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316

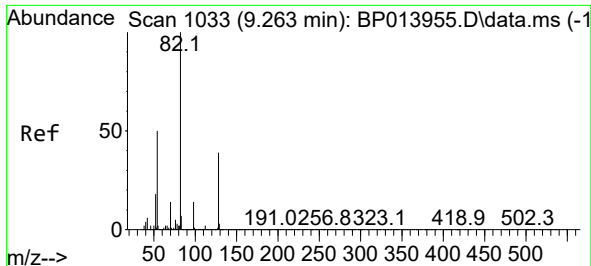
Tgt Ion: 99 Resp: 1081151
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 41.7 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion: 136 Resp: 542306
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.3 5.8 8.8
68 5.8 4.0 6.0

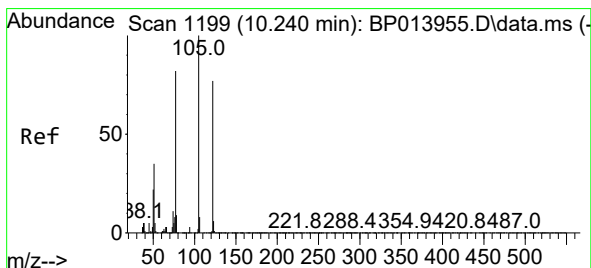
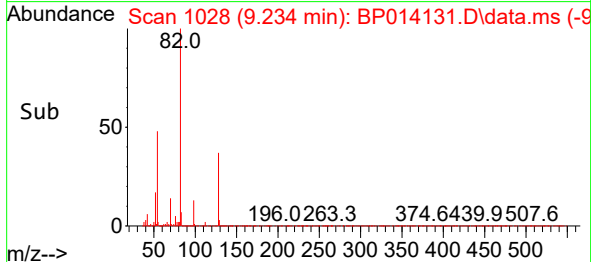
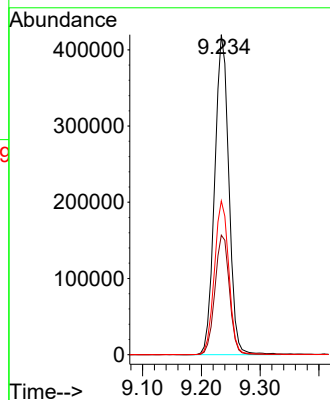
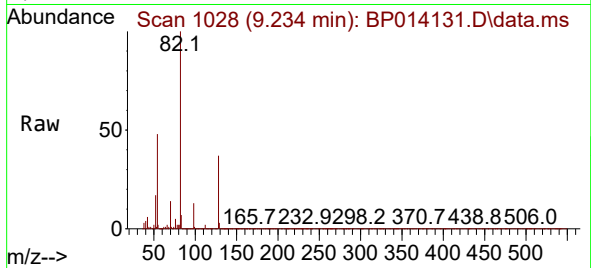




#23
Nitrobenzene-d5
Concen: 59.331 ng
RT: 9.234 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

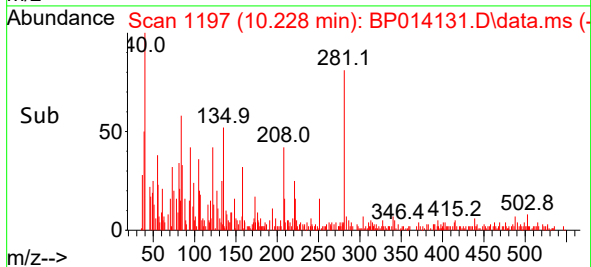
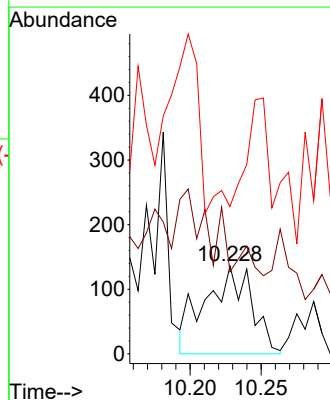
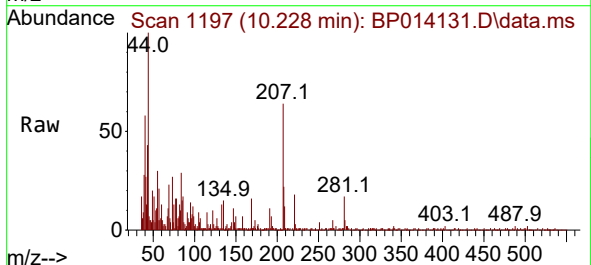
Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316

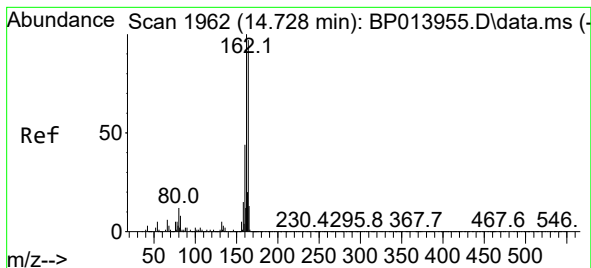
Tgt Ion: 82 Resp: 703975
Ion Ratio Lower Upper
82 100
128 37.4 31.1 46.7
54 48.0 40.0 60.0



#32
Benzoic acid
Concen: 2.742 ng
RT: 10.228 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion:122 Resp: 308
Ion Ratio Lower Upper
122 100
105 93.4 108.2 148.2#
77 167.6 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

ClientSampleId :

SV-TP4-0316

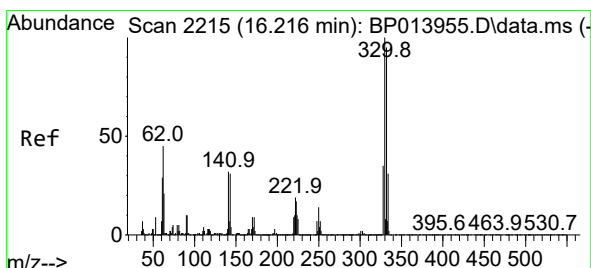
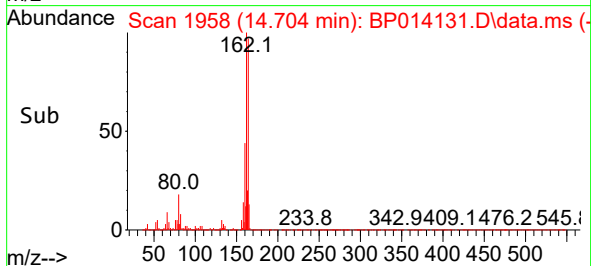
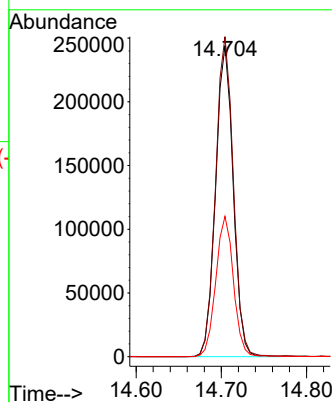
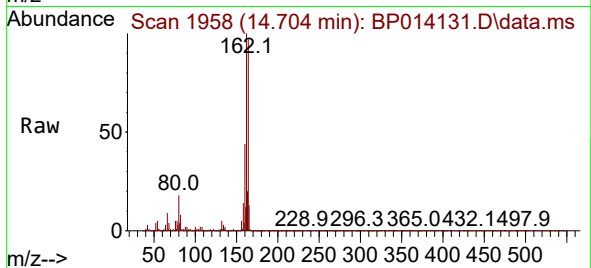
Tgt Ion:164 Resp: 349367

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

160 45.1 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 97.456 ng

RT: 16.198 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

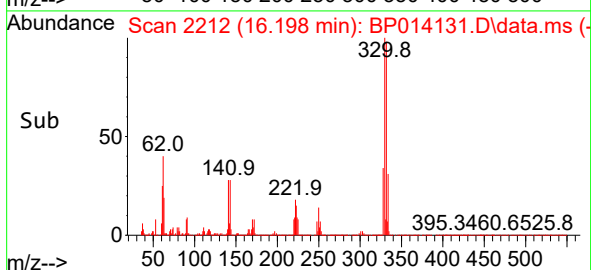
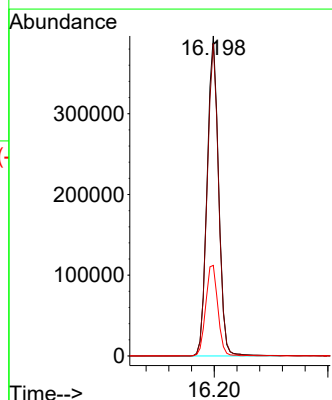
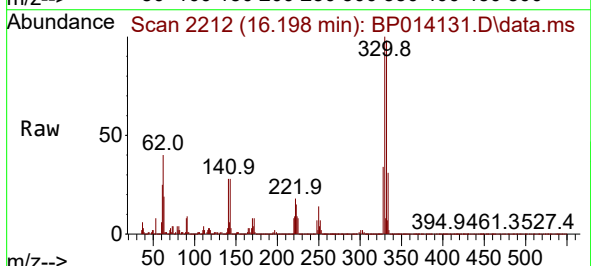
Tgt Ion:330 Resp: 552039

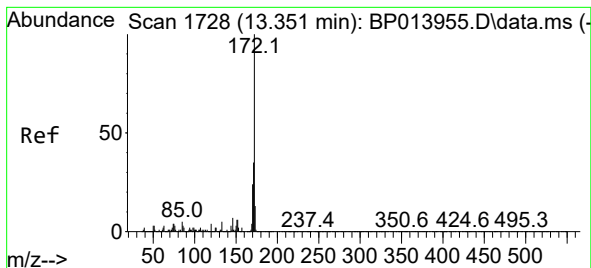
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 29.9 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 54.634 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

ClientSampleId :

SV-TP4-0316

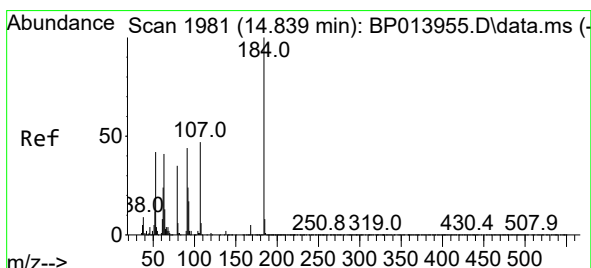
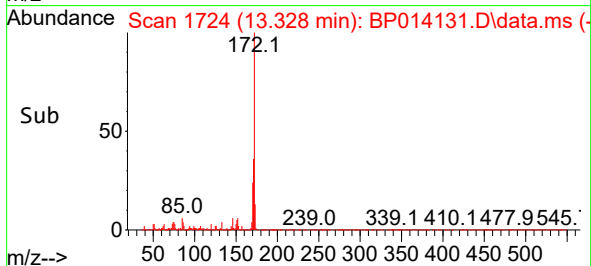
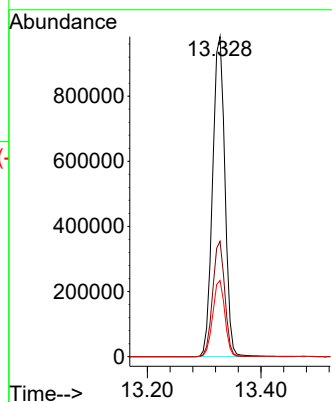
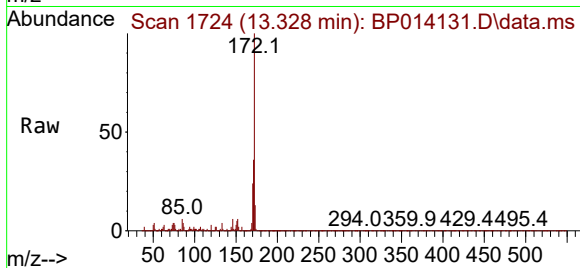
Tgt Ion:172 Resp: 1473269

Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.8 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.087 ng

RT: 14.840 min Scan# 1981

Delta R.T. 0.018 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

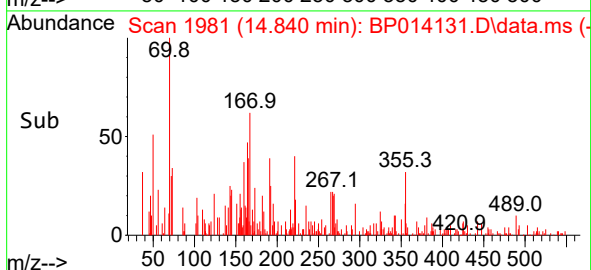
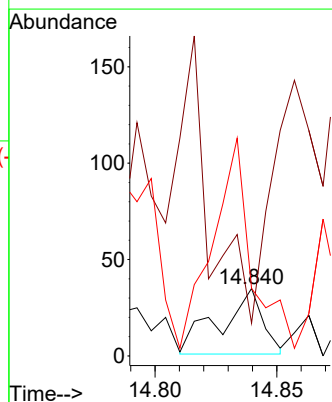
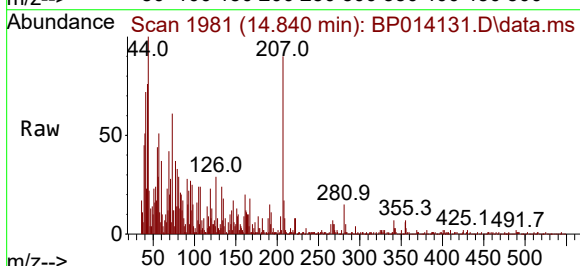
Tgt Ion:184 Resp: 42

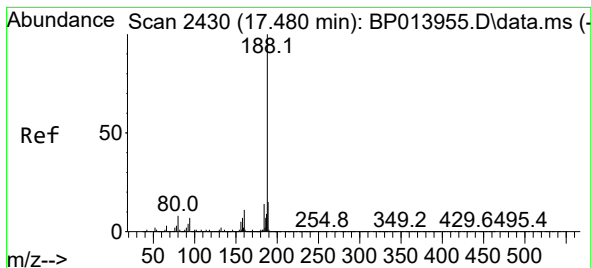
Ion Ratio Lower Upper

184 100

63 48.6 52.4 78.6#

154 174.3 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.463 min Scan# 2430

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

ClientSampleId :

SV-TP4-0316

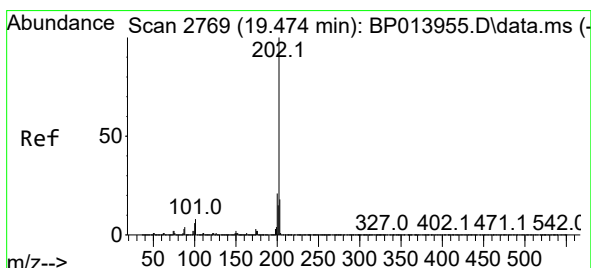
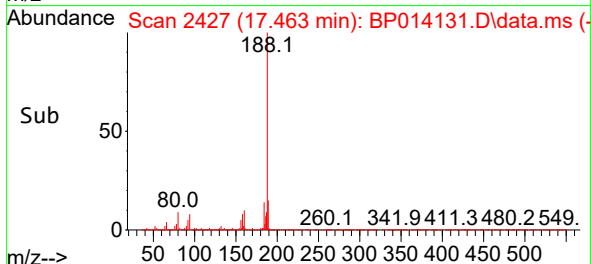
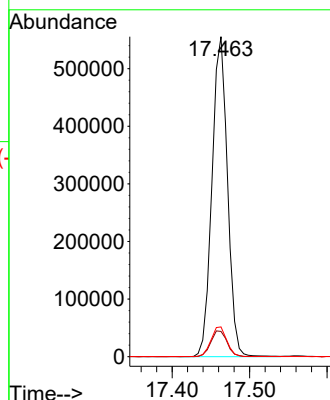
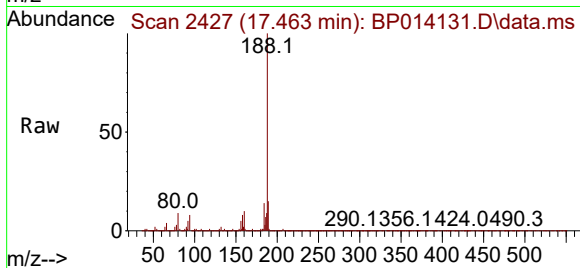
Tgt Ion:188 Resp: 772248

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

80 9.3 6.6 9.8



#75

Fluoranthene

Concen: 3.586 ng

RT: 19.463 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

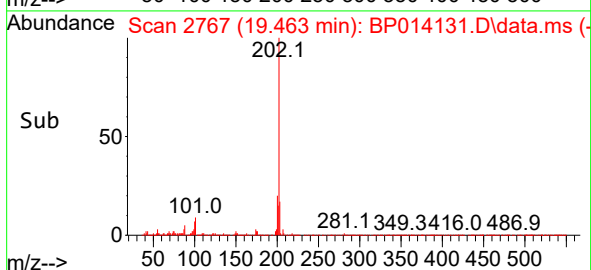
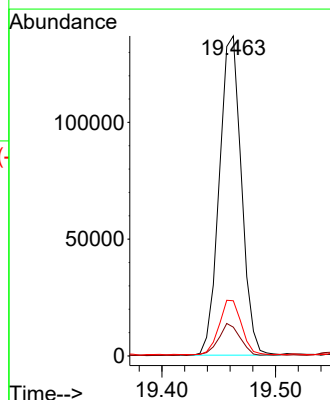
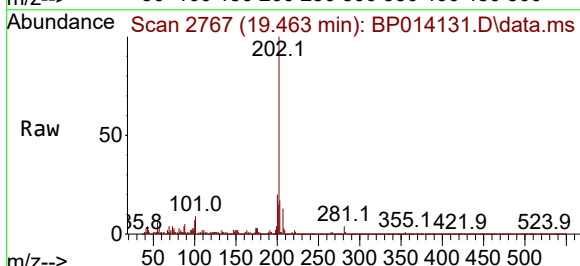
Tgt Ion:202 Resp: 184923

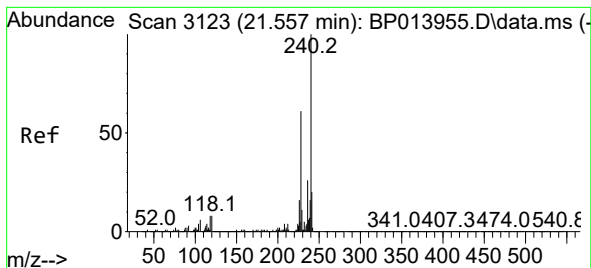
Ion Ratio Lower Upper

202 100

101 9.0 0.0 27.9

203 17.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

Instrument :

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SV-TP4-0316

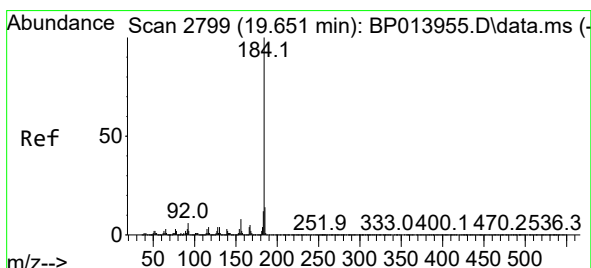
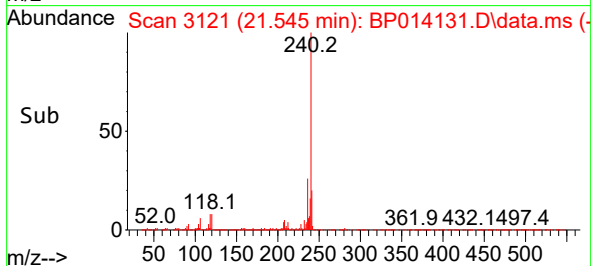
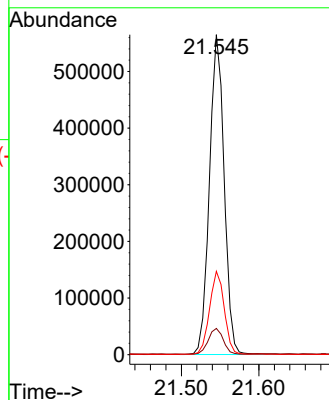
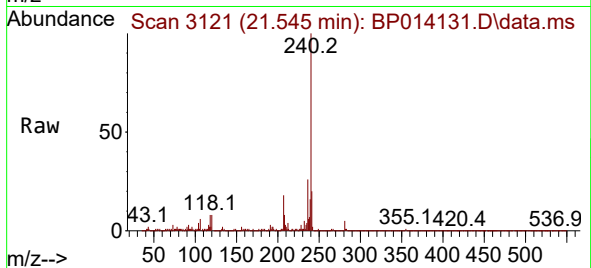
Tgt Ion:240 Resp: 744245

Ion Ratio Lower Upper

240 100

120 8.2 6.4 9.6

236 26.1 21.2 31.8



#77

Benzidine

Concen: 2.847 ng

RT: 19.657 min Scan# 2800

Delta R.T. 0.012 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

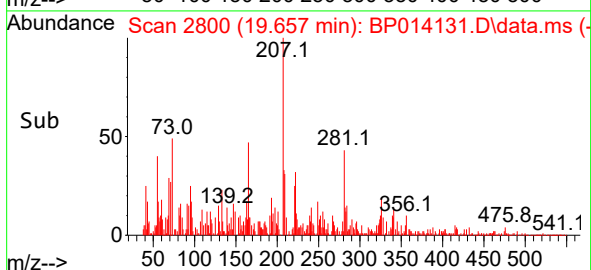
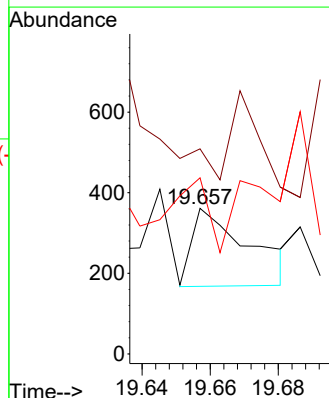
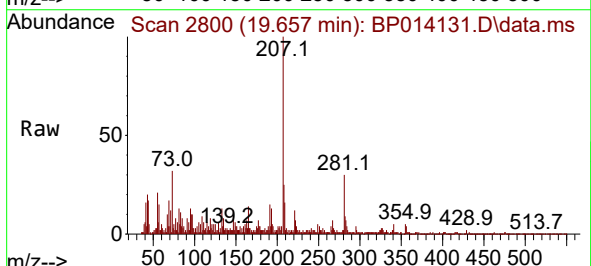
Tgt Ion:184 Resp: 223

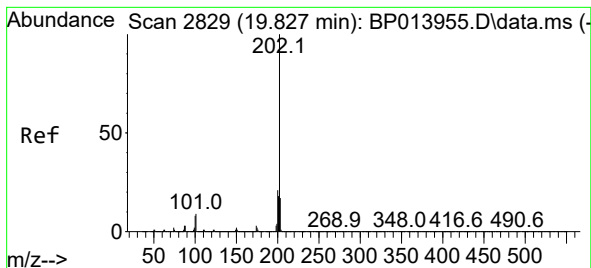
Ion Ratio Lower Upper

184 100

185 141.0 11.6 17.4#

183 121.1 9.7 14.5#





#78

Pyrene

Concen: 2.880 ng

RT: 19.816 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

ClientSampleId :

SV-TP4-0316

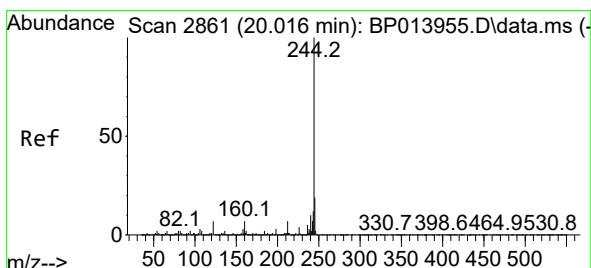
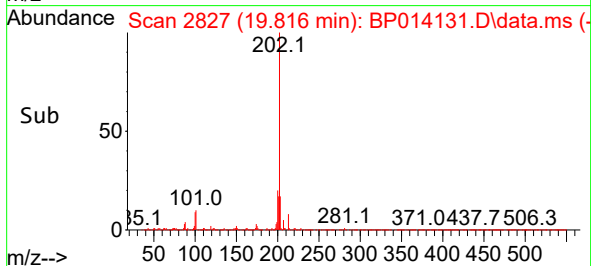
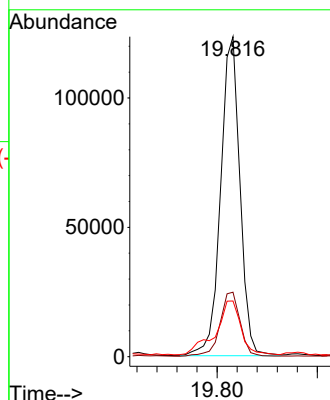
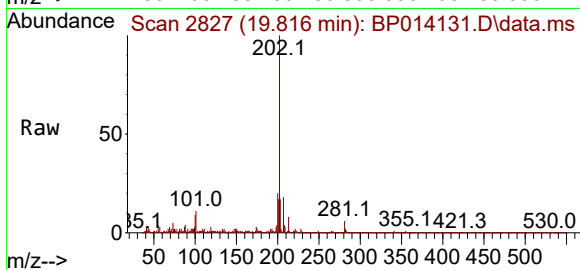
Tgt Ion:202 Resp: 164494

Ion Ratio Lower Upper

202 100

200 20.1 16.9 25.3

203 17.4 13.9 20.9



#79

Terphenyl-d14

Concen: 50.300 ng

RT: 19.998 min Scan# 2858

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

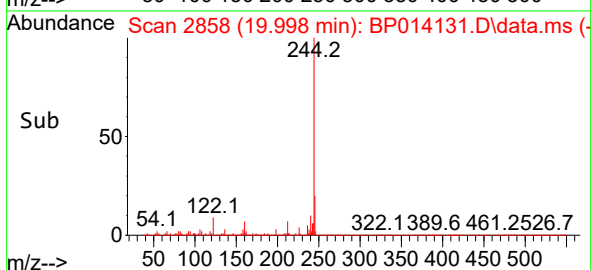
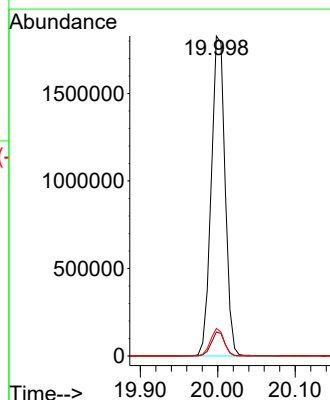
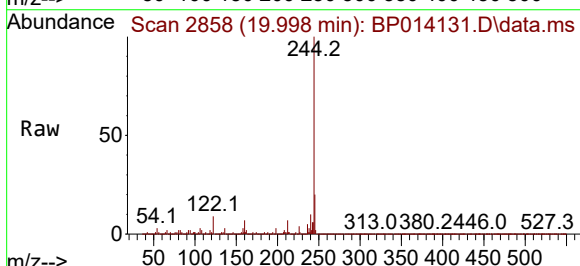
Tgt Ion:244 Resp: 2270251

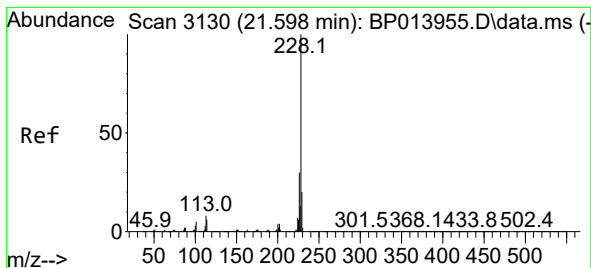
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.6 5.8 8.6





#83

Chrysene

Concen: 2.169 ng

RT: 21.586 min Scan# 311

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

ClientSampleId :

SV-TP4-0316

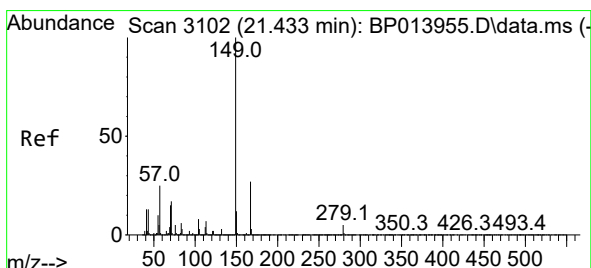
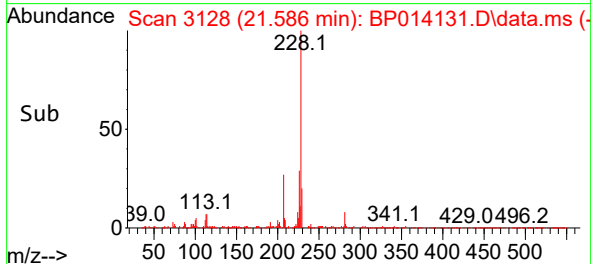
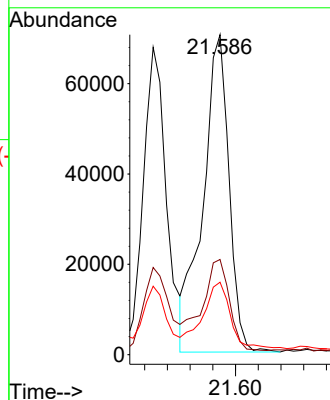
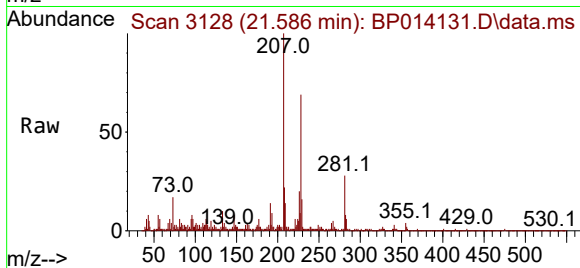
Tgt Ion:228 Resp: 112159

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 22.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.317 ng

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

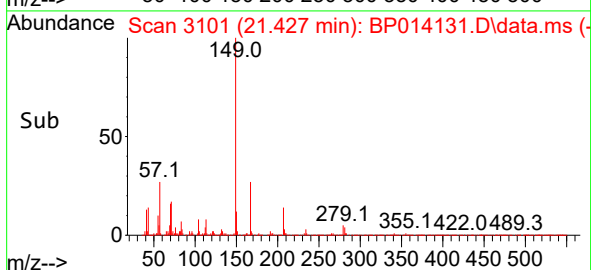
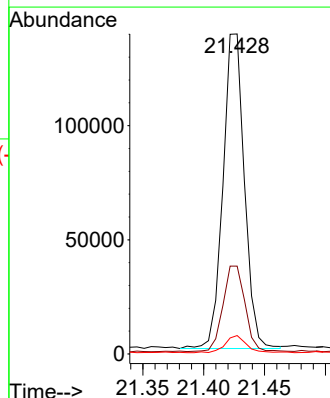
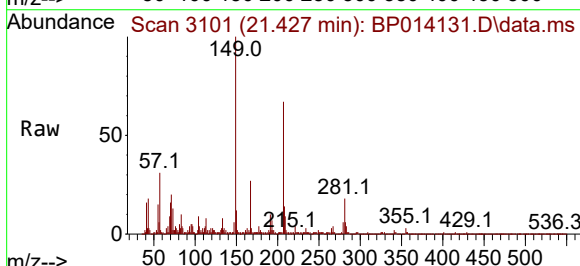
Tgt Ion:149 Resp: 168934

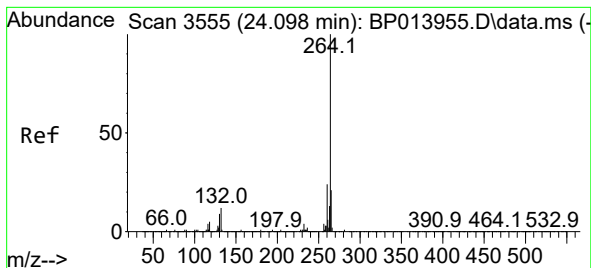
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 5.7 4.0 6.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.080 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

Instrument :

BNA_P

ClientSampleId :

SV-TP4-0316

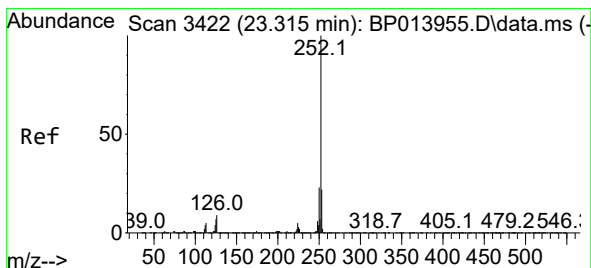
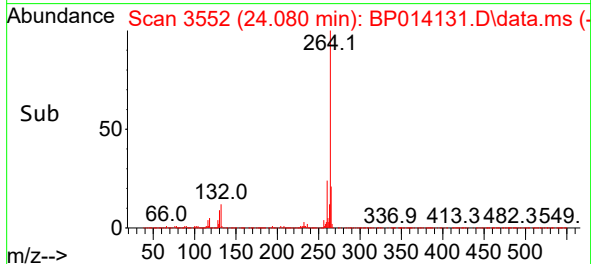
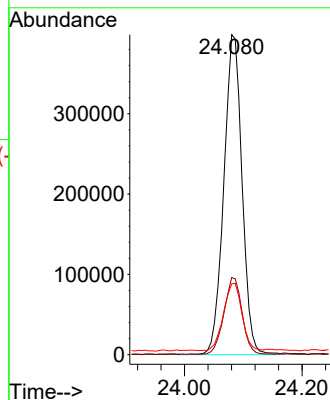
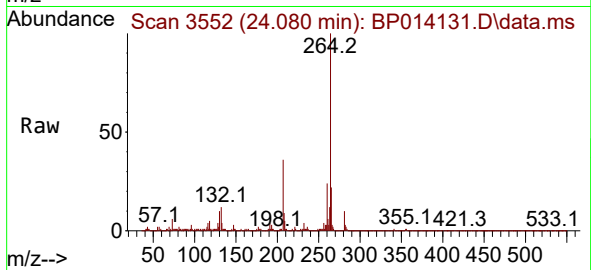
Tgt Ion:264 Resp: 858841

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.1 17.8 26.8



#88

Benzo(b)fluoranthene

Concen: 3.957 ng

RT: 23.304 min Scan# 3420

Delta R.T. -0.006 min

Lab File: BP014131.D

Acq: 17 Mar 2023 21:03

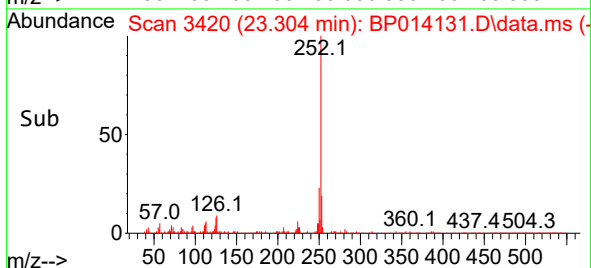
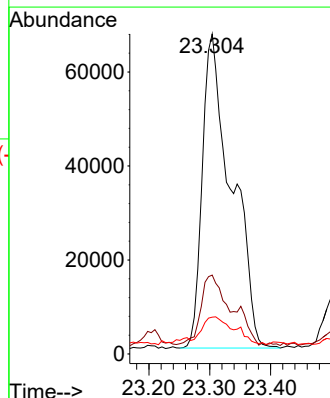
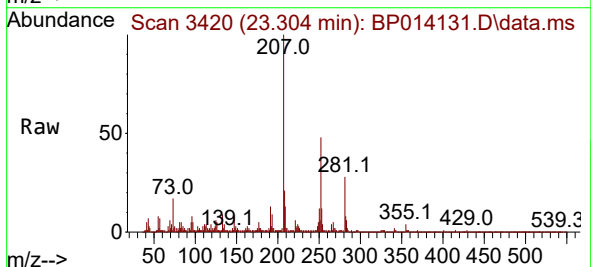
Tgt Ion:252 Resp: 222556

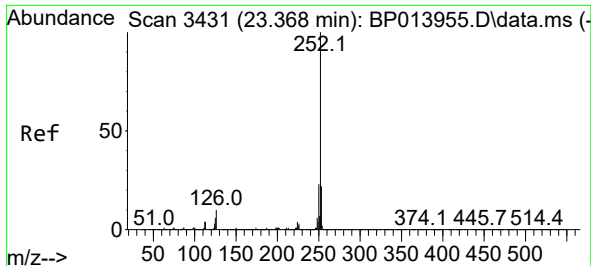
Ion Ratio Lower Upper

252 100

253 24.7 17.5 26.3

125 11.5 5.6 8.4#

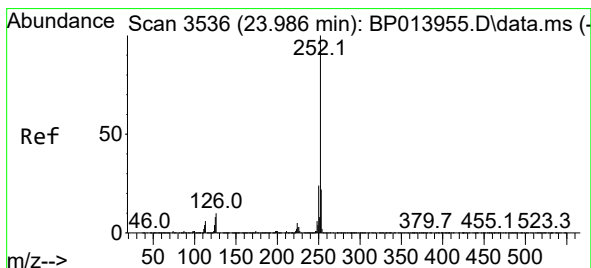
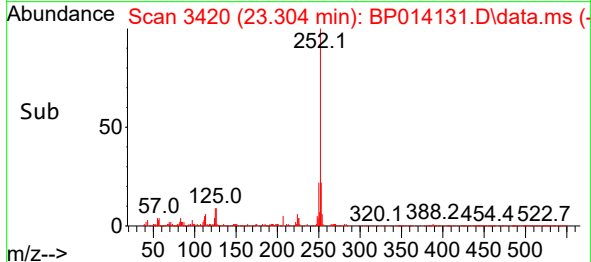
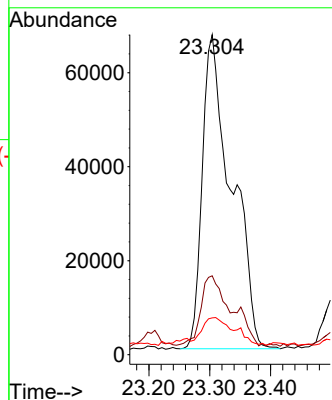
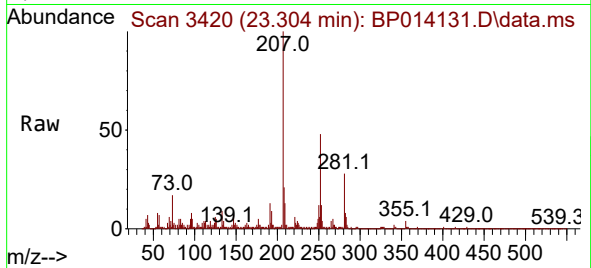




#89
Benzo(k)fluoranthene
Concen: 3.991 ng
RT: 23.304 min Scan# 3431
Delta R.T. -0.059 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Instrument :
BNA_P
ClientSampleId :
SV-TP4-0316

Tgt Ion:252 Resp: 222556
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 11.5 5.4 8.0#



#90
Benzo(a)pyrene
Concen: 2.015 ng
RT: 23.969 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BP014131.D
Acq: 17 Mar 2023 21:03

Tgt Ion:252 Resp: 108066
Ion Ratio Lower Upper
252 100
253 27.0 17.4 26.2#
125 12.2 6.2 9.4#

