

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013581.D
 Acq On : 24 Jan 2023 21:02
 Operator : CG/JU
 Sample : 01232-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P-35B

Quant Time: Jan 25 03:52:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 03:43:27 2023
 Response via : Initial Calibration

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

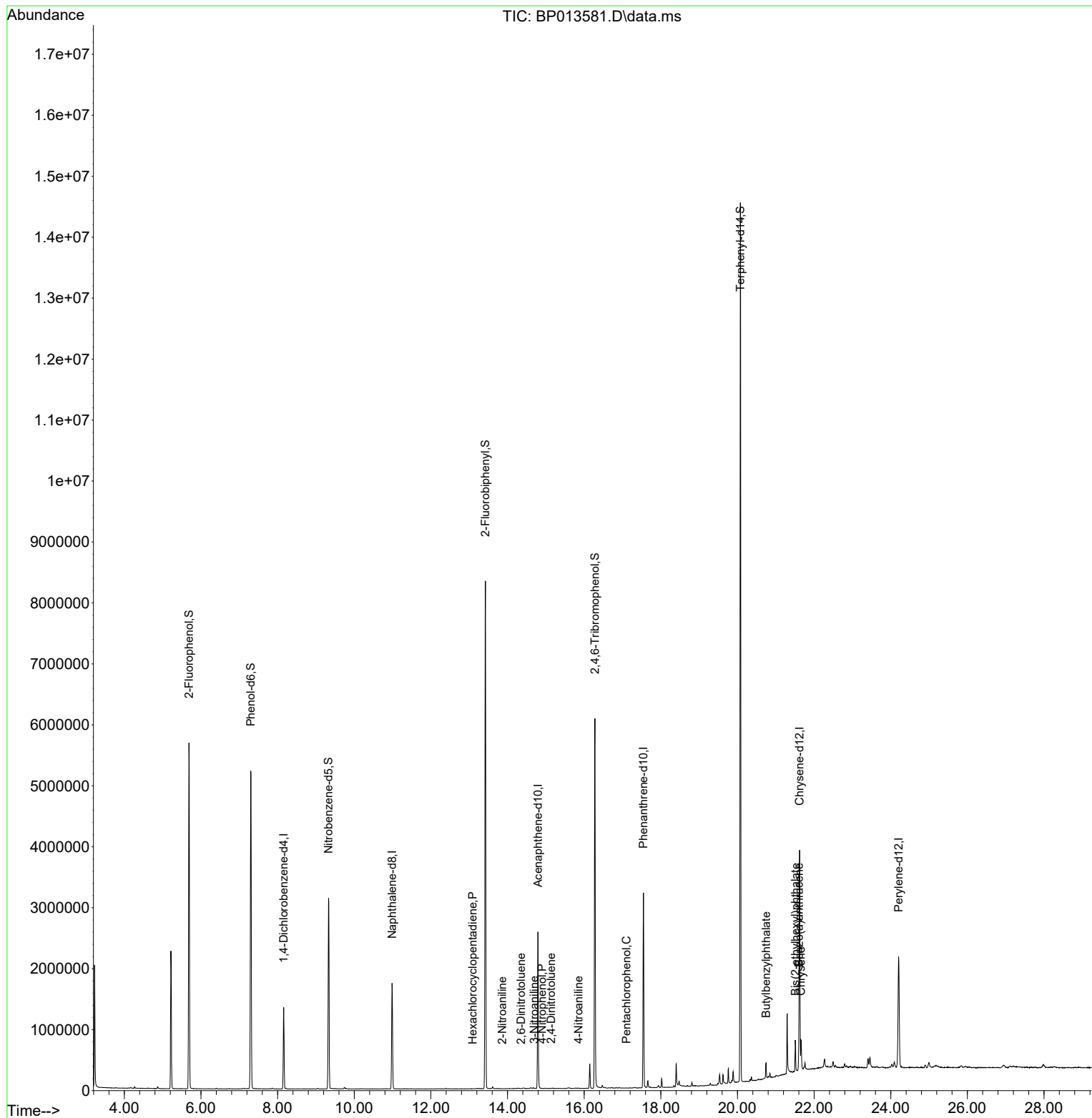
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	364997	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1463837	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	861008	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1874321	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1653014	20.000	ng	0.00
86) Perylene-d12	24.204	264	1474508	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2522892	118.429	ng	0.00
7) Phenol-d6	7.299	99	3217837	112.233	ng	0.00
23) Nitrobenzene-d5	9.328	82	1768567	79.760	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	1168165	135.262	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	4324210	68.938	ng	0.00
79) Terphenyl-d14	20.075	244	6925575	75.372	ng	0.00
Target Compounds						Qvalue
41) Hexachlorocyclopentadiene	13.093	237	20	3.905	ng	76
48) 2-Nitroaniline	13.863	65	203	6.231	ng	85
51) 2,6-Dinitrotoluene	14.351	165	248	5.182	ng	# 55
53) 3-Nitroaniline	14.692	138	525	5.440	ng	# 89
54) 2,4-Dinitrophenol	14.875	184	40	Below Cal		# 1
56) 4-Nitrophenol	14.898	139	141	5.204	ng	83
57) 2,4-Dinitrotoluene	15.140	165	1206	5.266	ng	# 87
62) 4-Nitroaniline	15.851	138	1662	3.775	ng	83
70) Pentachlorophenol	17.098	266	13	5.330	ng	94
80) Butylbenzylphthalate	20.745	149	87159	2.166	ng	95
81) Benzo(a)anthracene	21.604	228	262158	2.276	ng	99
83) Chrysene	21.657	228	305322	2.772	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	198700	3.085	ng	100

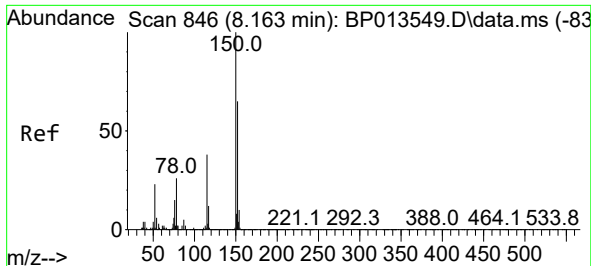
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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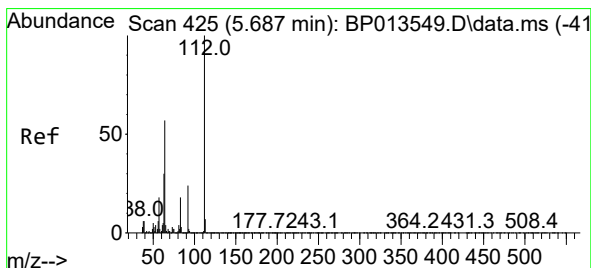
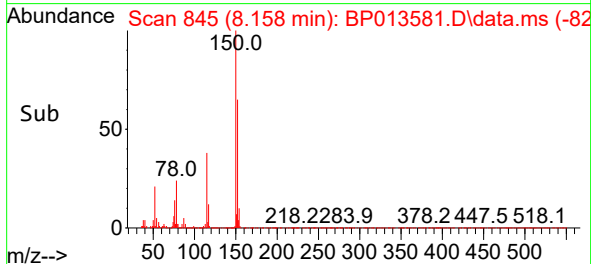
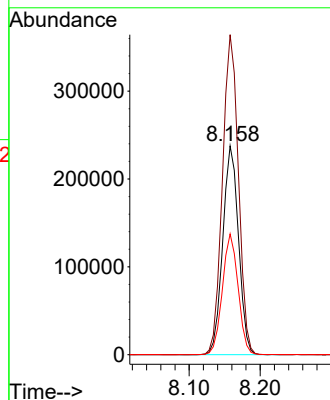
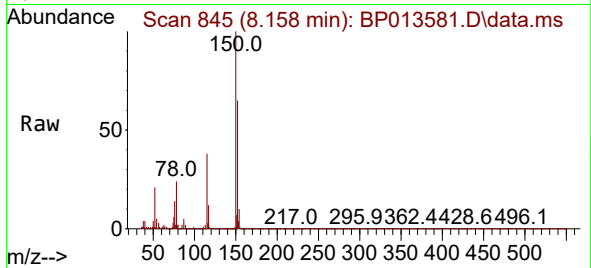




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

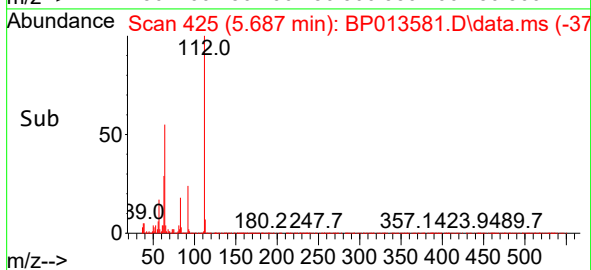
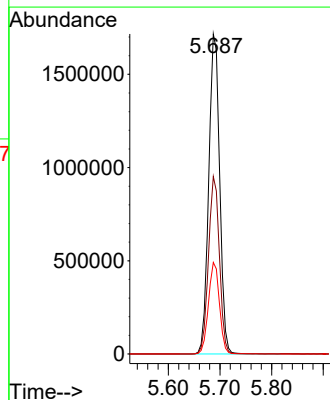
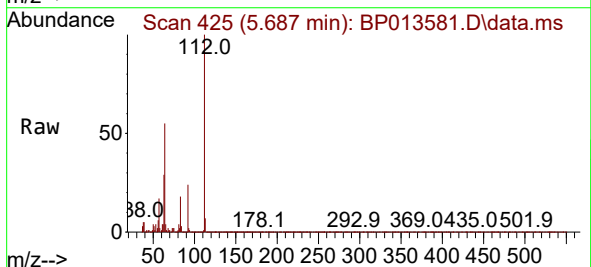
Instrument :
BNA_P
ClientSampleId :
B-P-35B

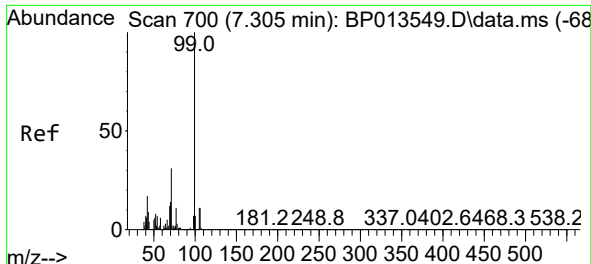
Tgt Ion:152 Resp: 364997
Ion Ratio Lower Upper
152 100
150 153.2 122.4 183.6
115 57.8 46.1 69.1



#5
2-Fluorophenol
Concen: 118.429 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

Tgt Ion:112 Resp: 2522892
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.0
63 28.6 24.1 36.1

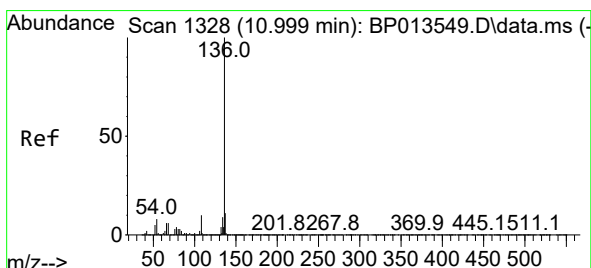
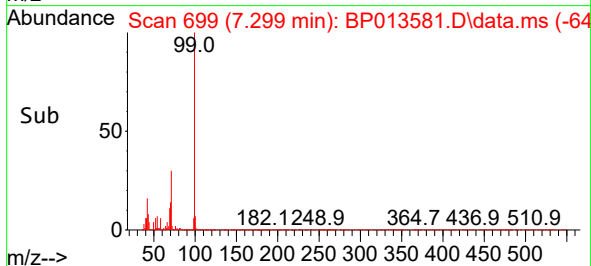
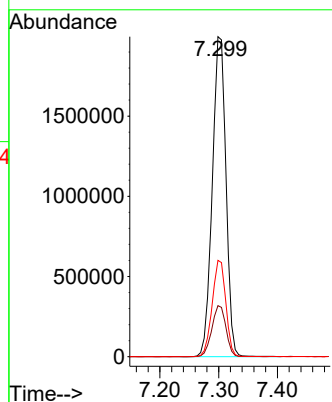
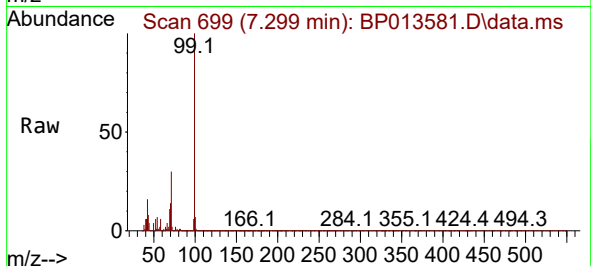




#7
Phenol-d6
Concen: 112.233 ng
RT: 7.299 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

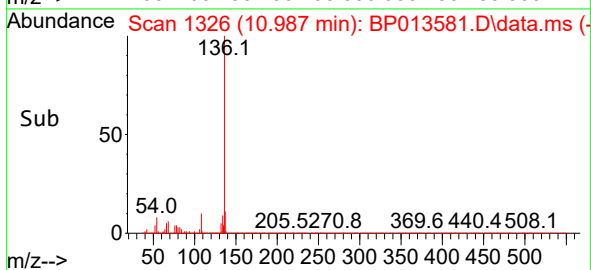
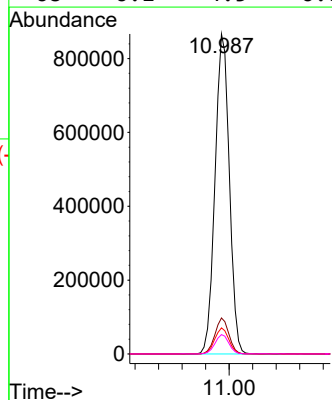
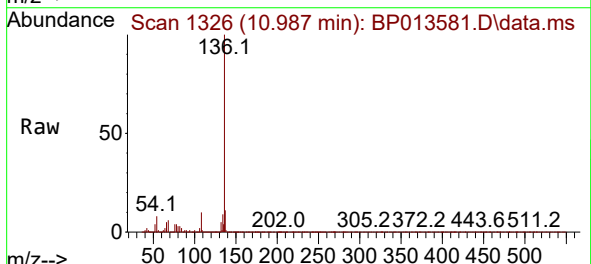
Instrument :
BNA_P
ClientSampleId :
B-P-35B

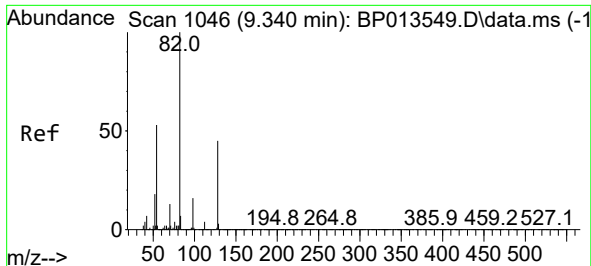
Tgt Ion: 99 Resp: 3217837
Ion Ratio Lower Upper
99 100
42 16.0 14.0 21.0
71 30.1 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

Tgt Ion: 136 Resp: 1463837
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.1 6.6 9.8
68 6.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 79.760 ng

RT: 9.328 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

Instrument :

BNA_P

ClientSampleId :

B-P-35B

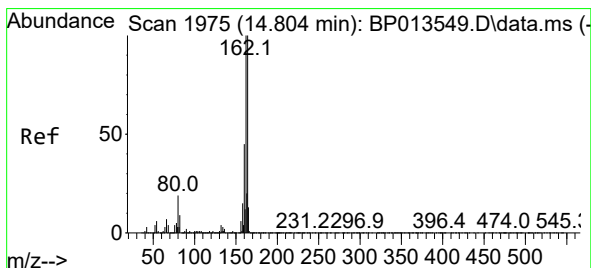
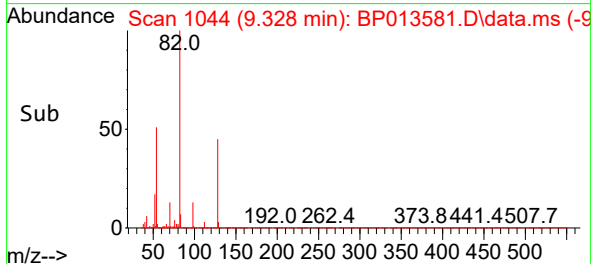
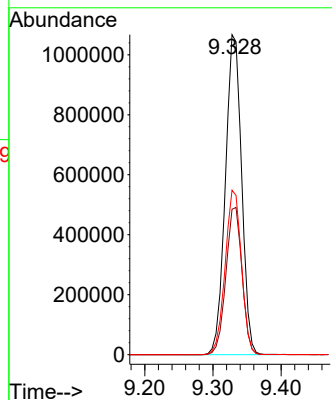
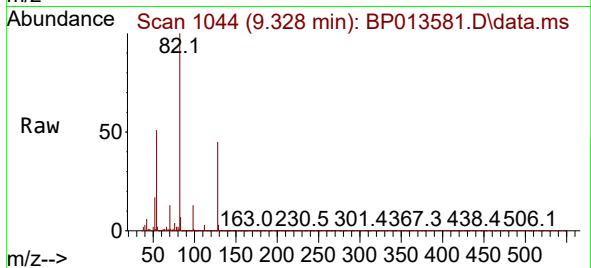
Tgt Ion: 82 Resp: 1768567

Ion Ratio Lower Upper

82 100

128 45.5 35.8 53.6

54 51.4 42.6 64.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.792 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

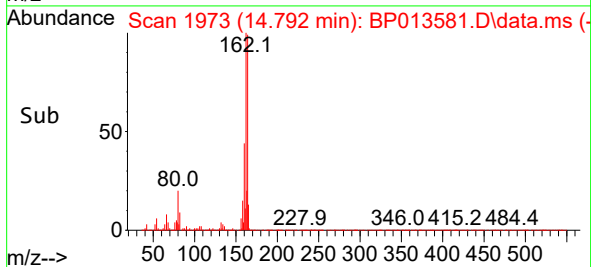
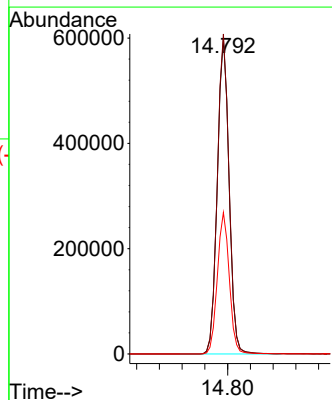
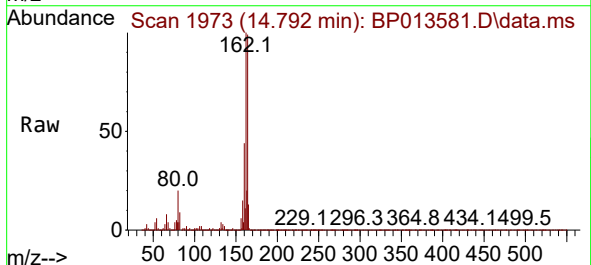
Tgt Ion:164 Resp: 861008

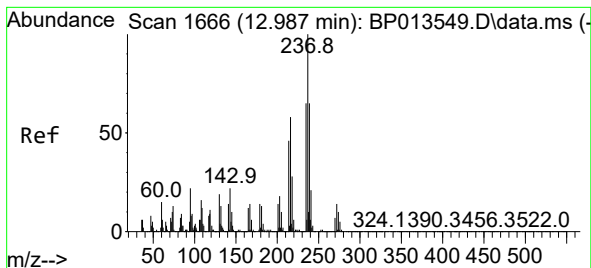
Ion Ratio Lower Upper

164 100

162 101.4 80.1 120.1

160 44.8 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.905 ng

RT: 13.093 min Scan# 1684

Delta R.T. 0.112 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

Instrument :

BNA_P

ClientSampleId :

B-P-35B

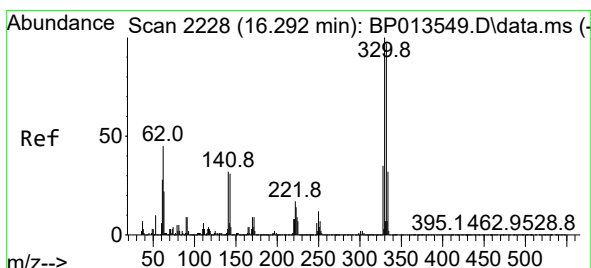
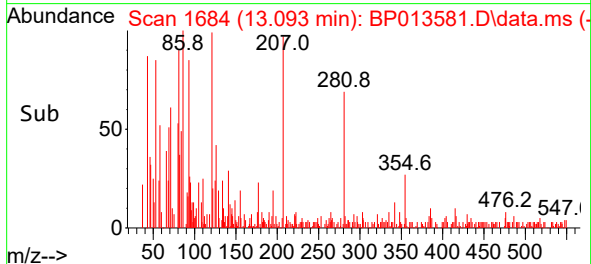
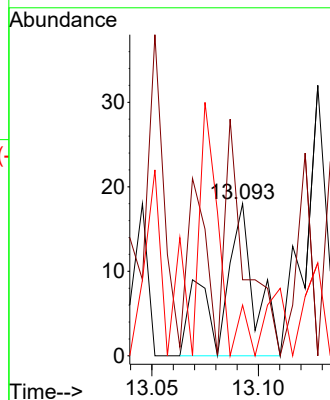
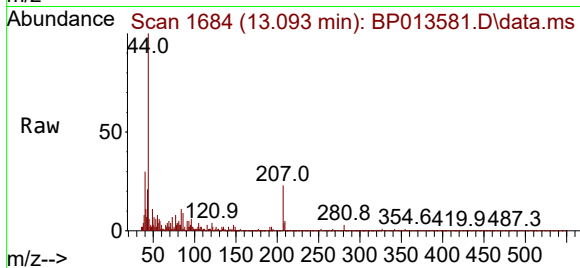
Tgt Ion:237 Resp: 20

Ion Ratio Lower Upper

237 100

235 50.0 44.6 84.6

272 33.3 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 135.262 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

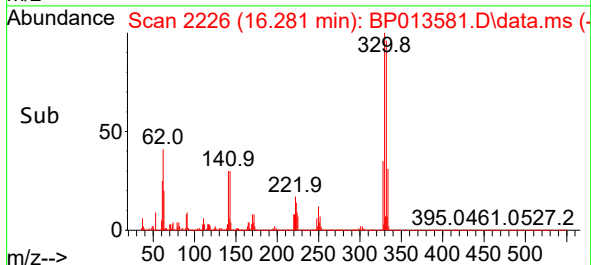
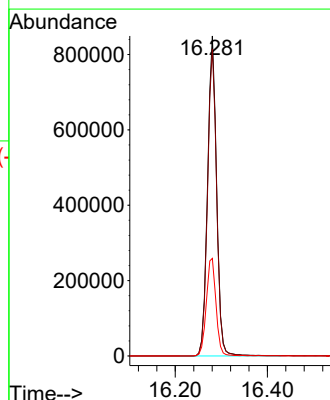
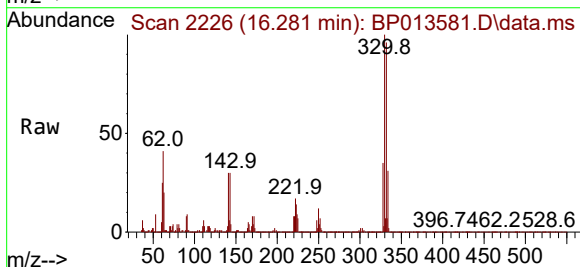
Tgt Ion:330 Resp: 1168165

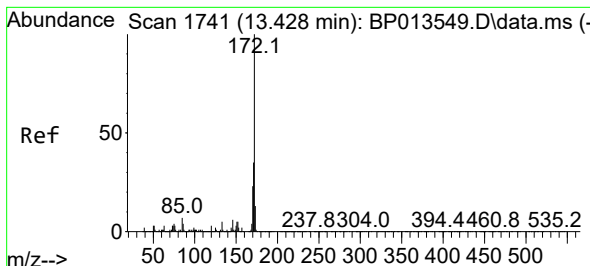
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 32.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 68.938 ng

RT: 13.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

Instrument :

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ClientSampleId :

B-P-35B

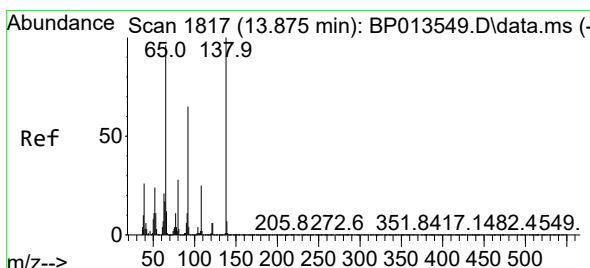
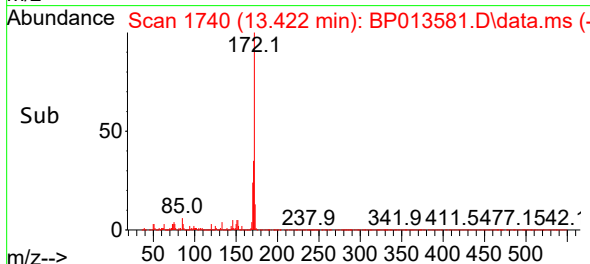
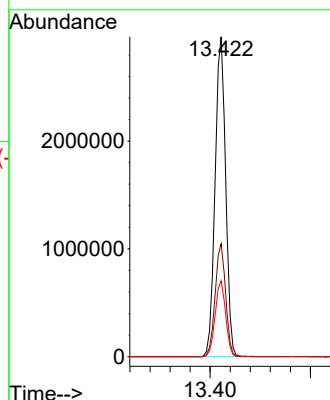
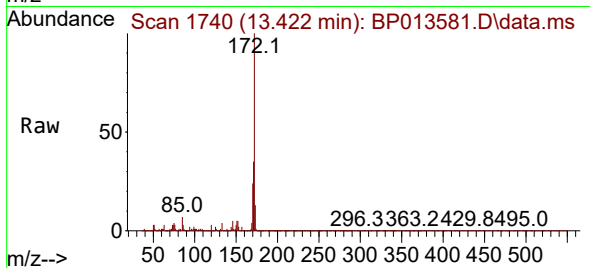
Tgt Ion:172 Resp: 4324210

Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.8

170 23.7 18.6 27.8



#48

2-Nitroaniline

Concen: 6.231 ng

RT: 13.863 min Scan# 1815

Delta R.T. -0.012 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

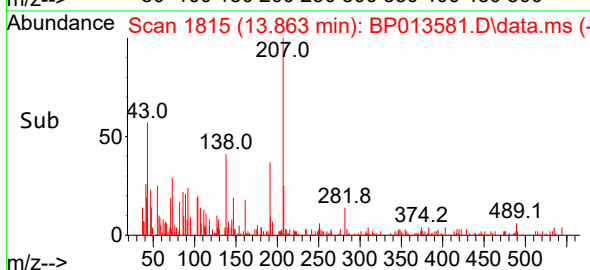
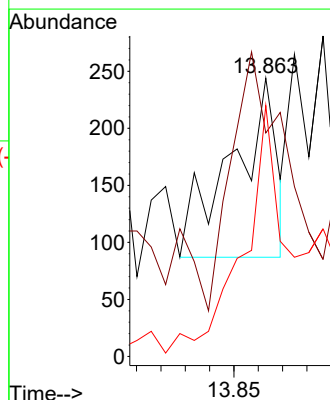
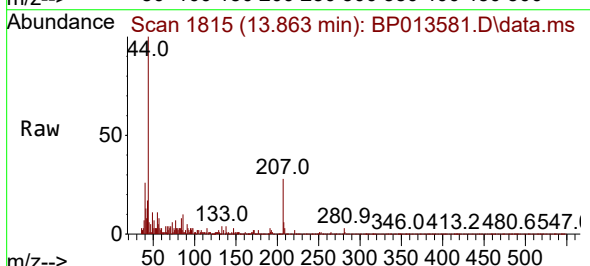
Tgt Ion: 65 Resp: 203

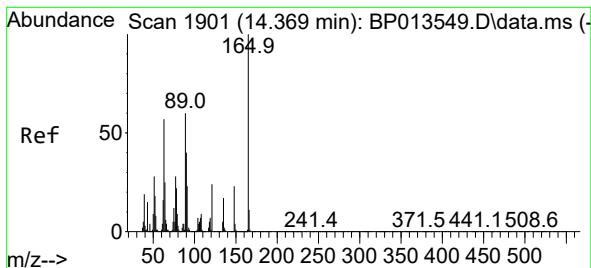
Ion Ratio Lower Upper

65 100

92 80.3 54.1 81.1

138 90.2 83.6 125.4





#51

2,6-Dinitrotoluene

Concen: 5.182 ng

RT: 14.351 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

Instrument :

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ClientSampleId :

B-P-35B

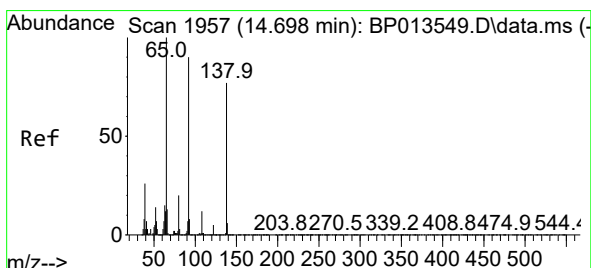
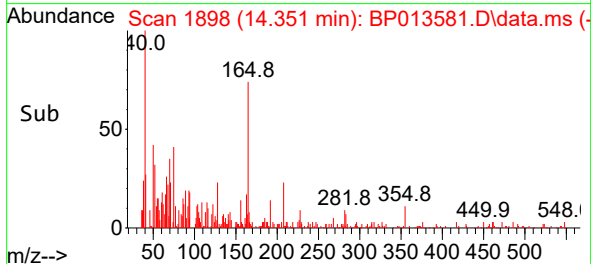
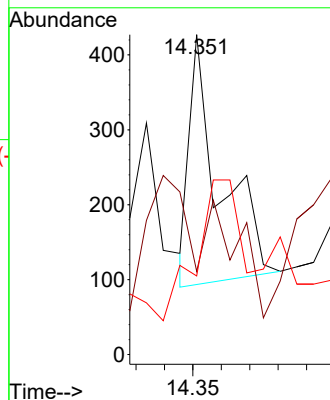
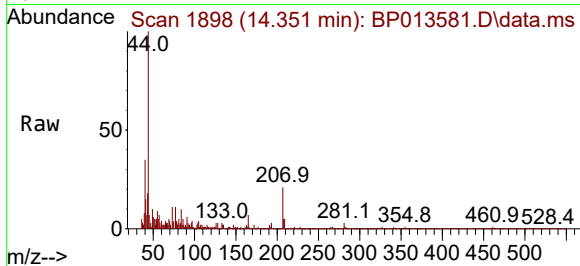
Tgt Ion:165 Resp: 248

Ion Ratio Lower Upper

165 100

63 26.0 47.2 70.8#

89 24.6 47.8 71.6#



#53

3-Nitroaniline

Concen: 5.440 ng

RT: 14.692 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

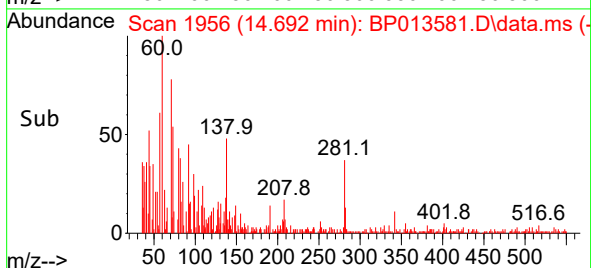
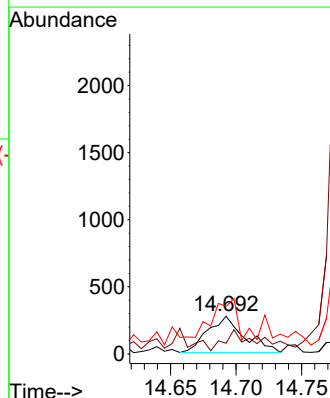
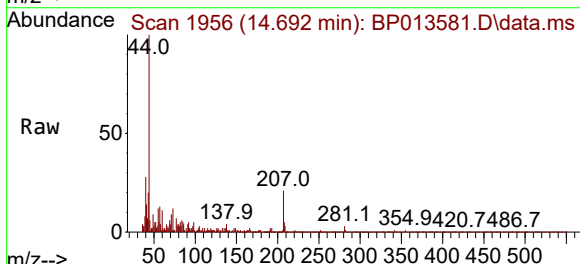
Tgt Ion:138 Resp: 525

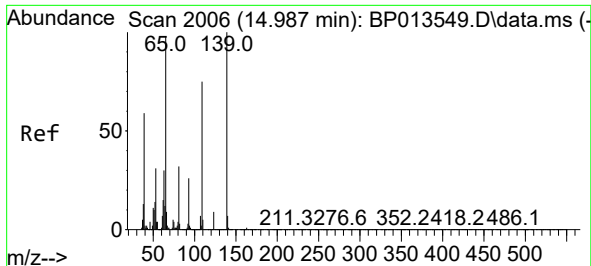
Ion Ratio Lower Upper

138 100

108 28.1 12.8 19.2#

92 126.0 93.3 139.9

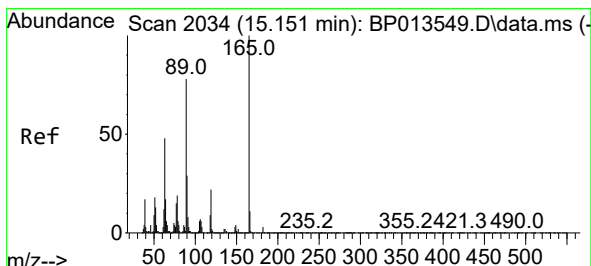
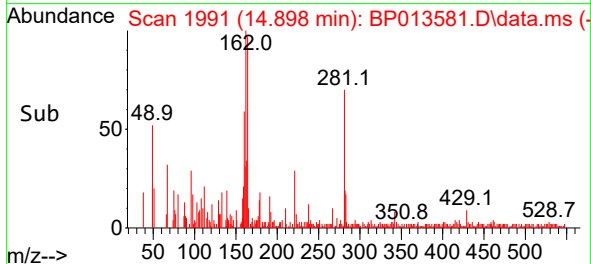
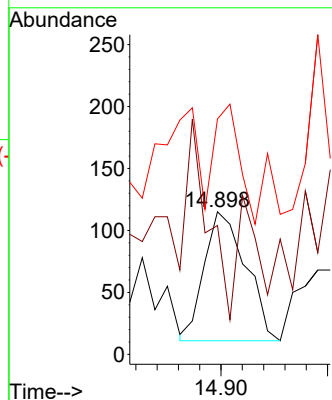
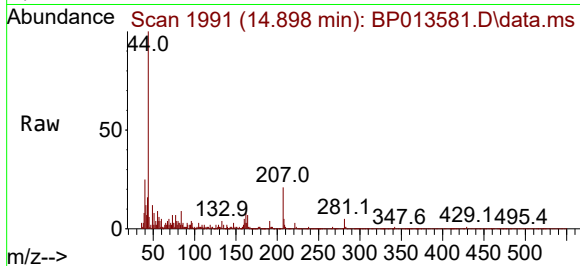




#56
4-Nitrophenol
Concen: 5.204 ng
RT: 14.898 min Scan# 1991
Delta R.T. -0.082 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

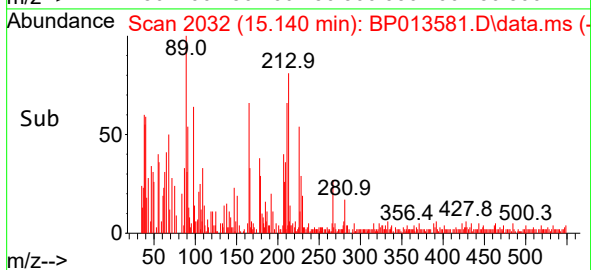
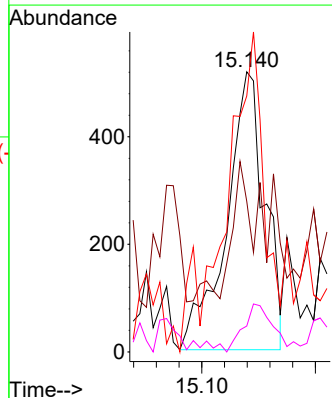
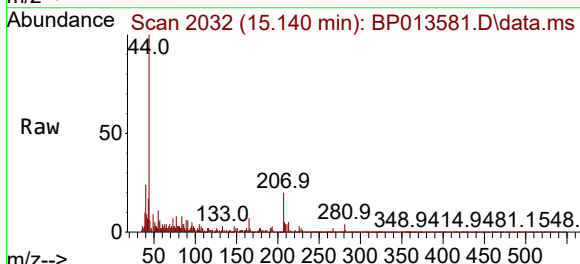
Instrument :
BNA_P
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B-P-35B

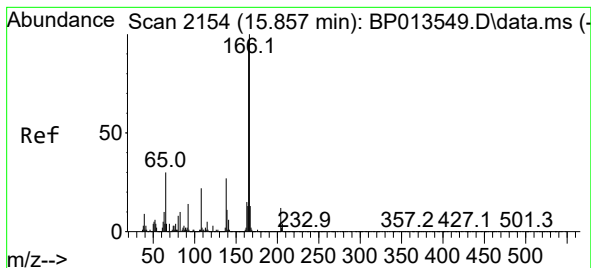
Tgt Ion:139 Resp: 141
Ion Ratio Lower Upper
139 100
109 63.8 55.0 95.0
65 116.6 77.7 117.7



#57
2,4-Dinitrotoluene
Concen: 5.266 ng
RT: 15.140 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

Tgt Ion:165 Resp: 1206
Ion Ratio Lower Upper
165 100
63 53.7 38.3 57.5
89 91.4 62.1 93.1
182 12.9 2.1 3.1#

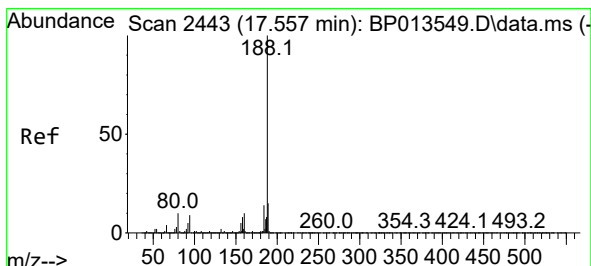
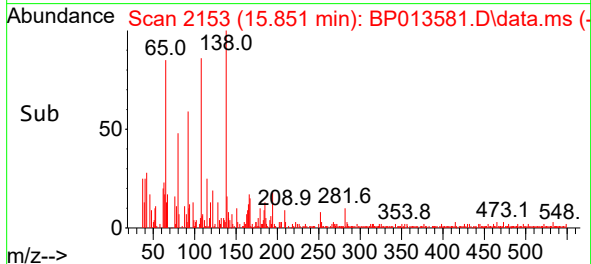
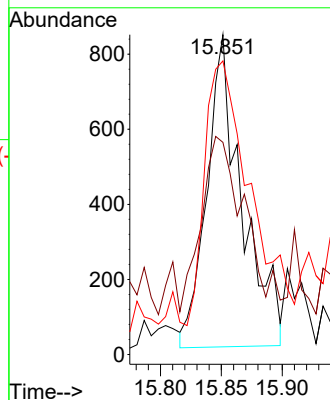
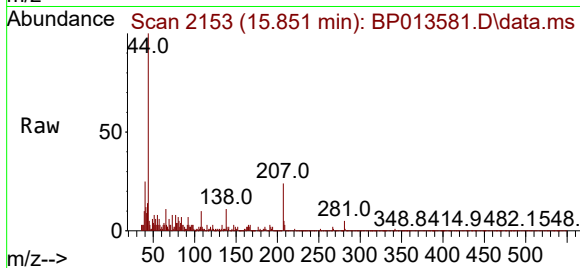




#62
4-Nitroaniline
Concen: 3.775 ng
RT: 15.851 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

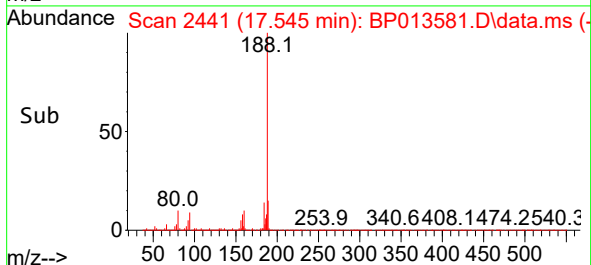
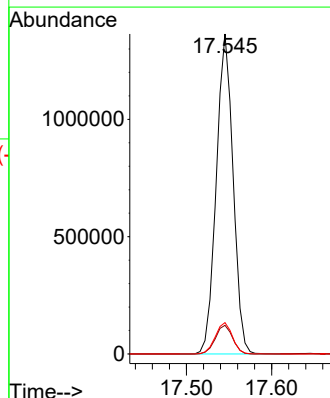
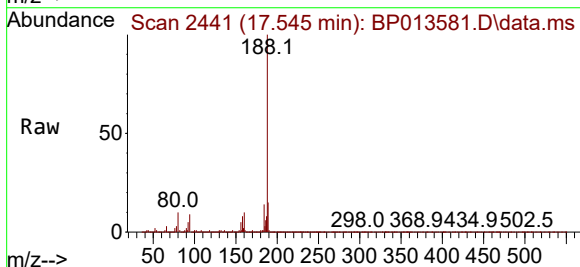
Instrument :
BNA_P
ClientSampleId :
B-P-35B

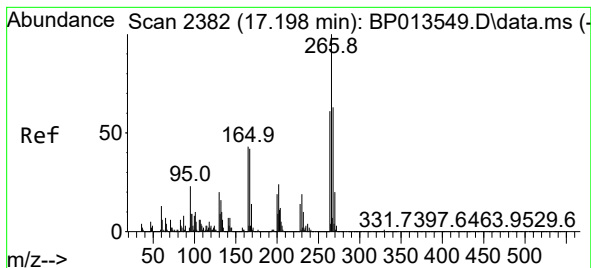
Tgt Ion:138 Resp: 1662
Ion Ratio Lower Upper
138 100
92 66.3 32.3 72.3
108 91.8 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

Tgt Ion:188 Resp: 1874321
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.8 8.2 12.2





#70

Pentachlorophenol

Concen: 5.330 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.094 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

Instrument :

BNA_P

ClientSampleId :

B-P-35B

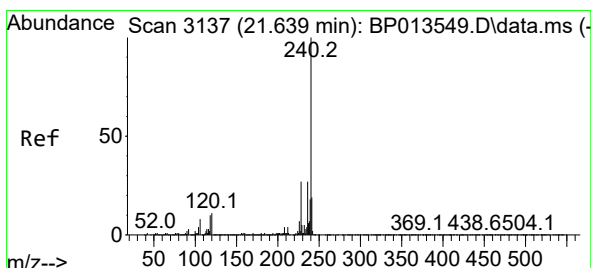
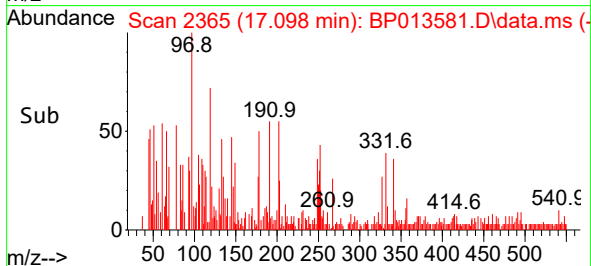
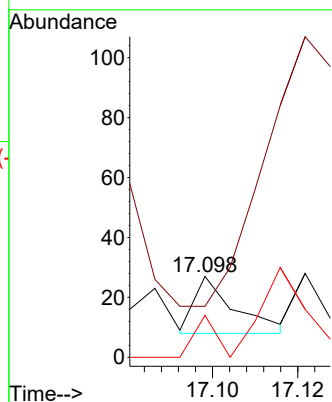
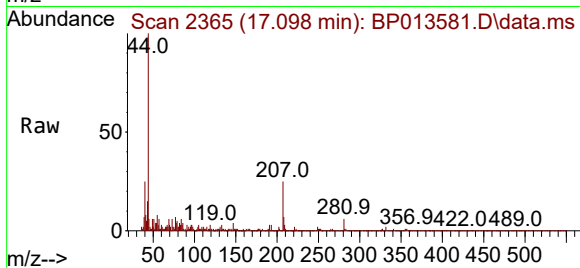
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

268 63.0 50.7 76.1

264 51.9 48.9 73.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

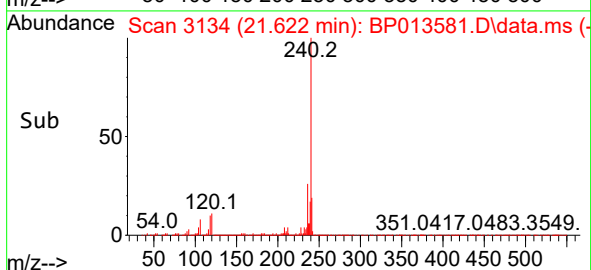
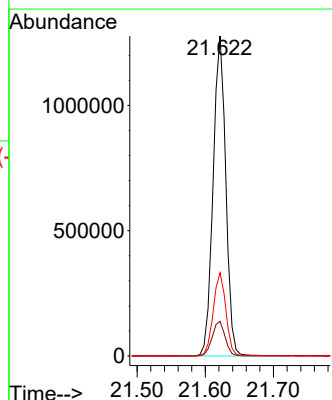
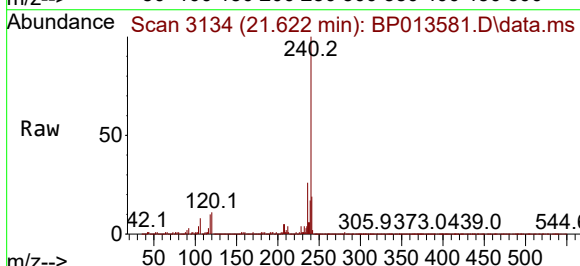
Tgt Ion:240 Resp: 1653014

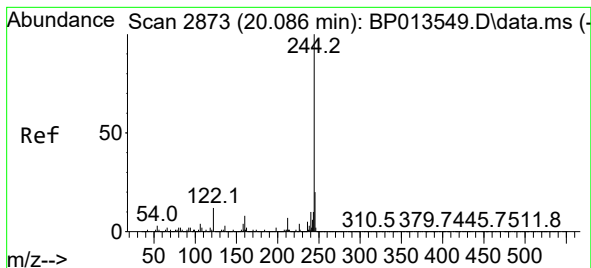
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 26.0 21.3 31.9





#79

Terphenyl-d14

Concen: 75.372 ng

RT: 20.075 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

Instrument :

BNA_P

ClientSampleId :

B-P-35B

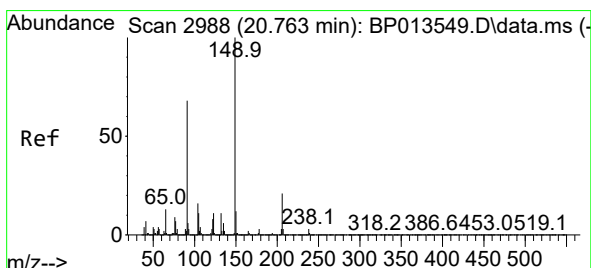
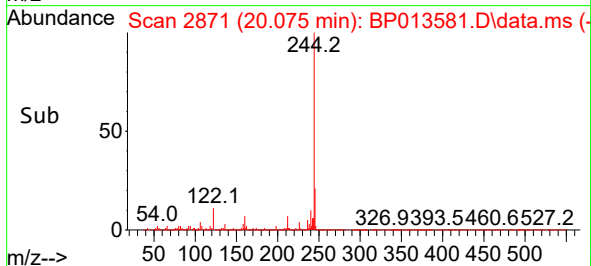
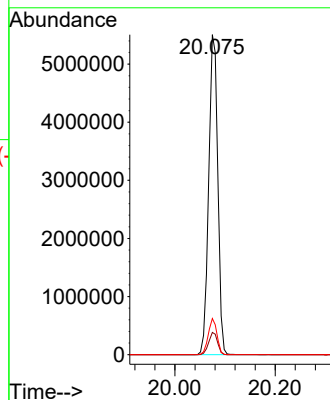
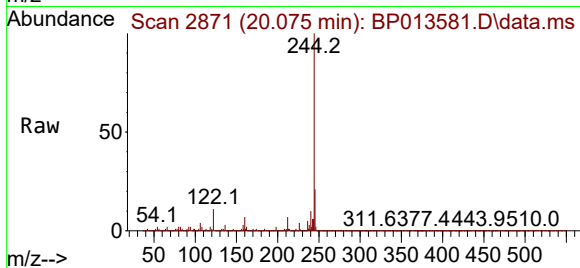
Tgt Ion:244 Resp: 6925575

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.3 9.2 13.8



#80

Butylbenzylphthalate

Concen: 2.166 ng

RT: 20.745 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

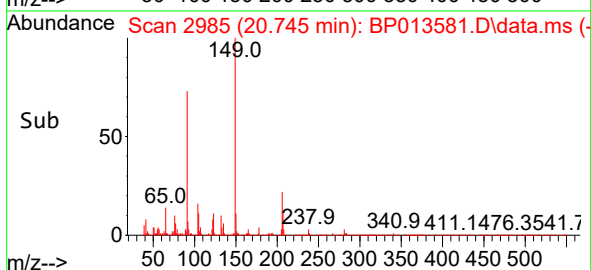
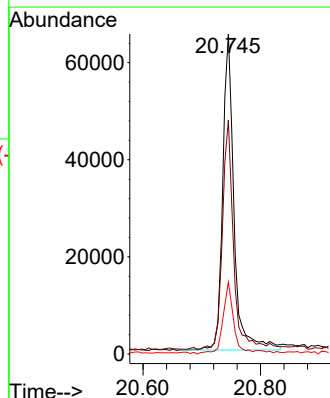
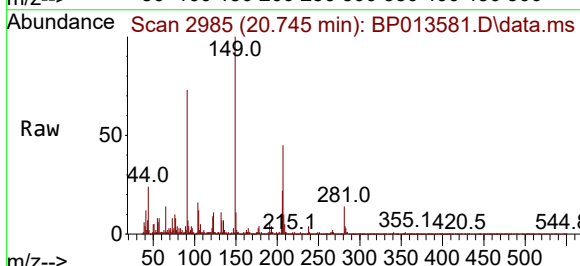
Tgt Ion:149 Resp: 87159

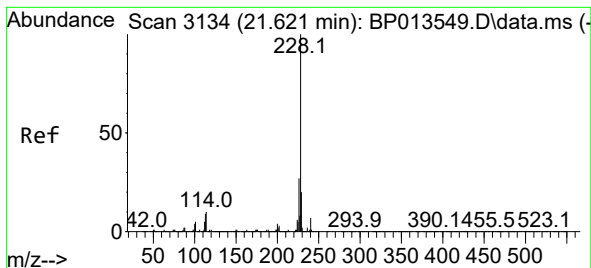
Ion Ratio Lower Upper

149 100

91 73.1 54.6 81.8

206 22.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 2.276 ng

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

Instrument :

BNA_P

ClientSampleId :

B-P-35B

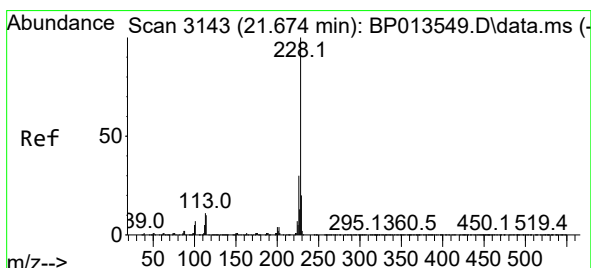
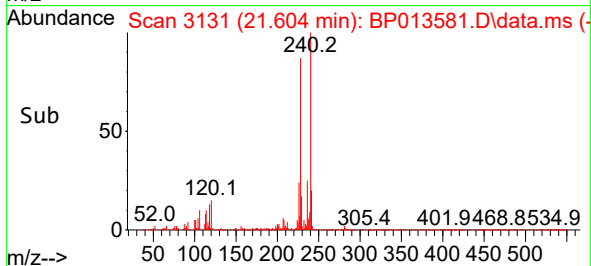
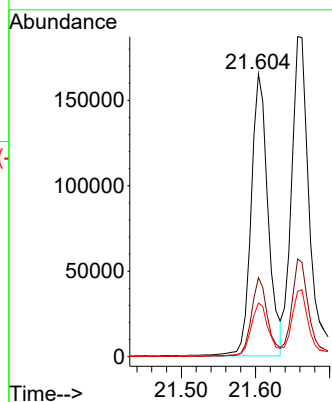
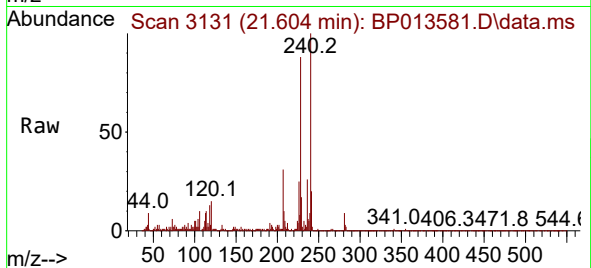
Tgt Ion:228 Resp: 262158

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

229 18.9 15.8 23.6



#83

Chrysene

Concen: 2.772 ng

RT: 21.657 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP013581.D

Acq: 24 Jan 2023 21:02

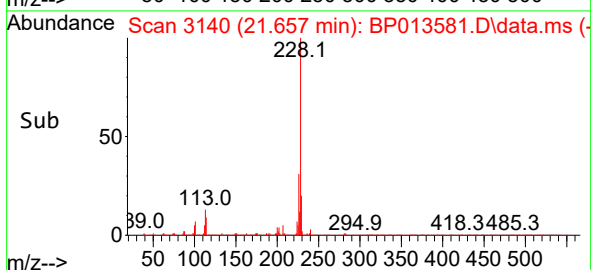
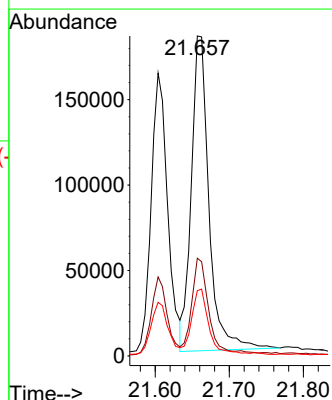
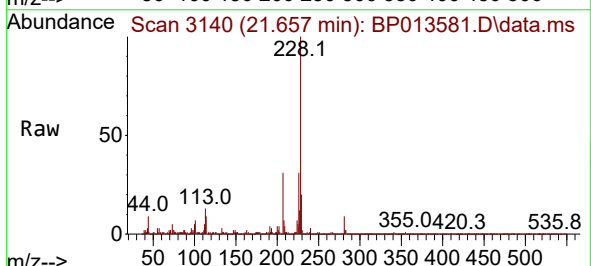
Tgt Ion:228 Resp: 305322

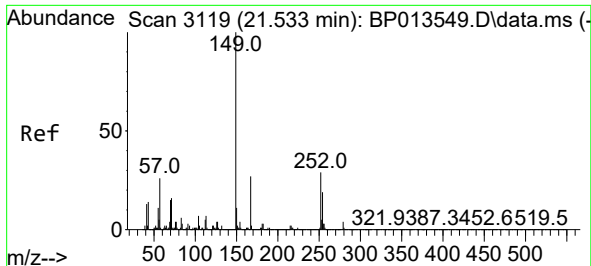
Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 20.4 16.2 24.2

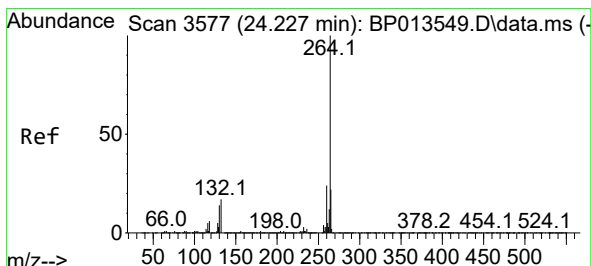
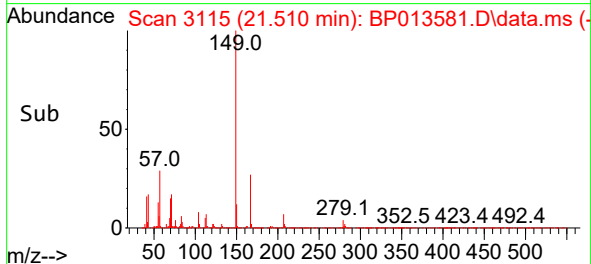
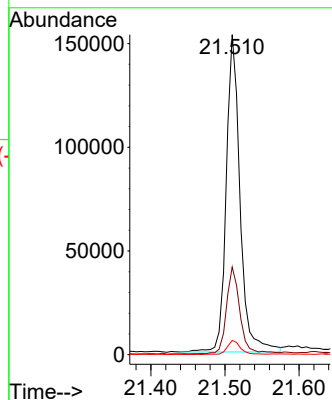
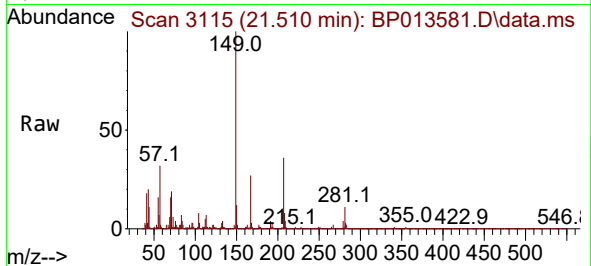




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.085 ng
RT: 21.510 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

Instrument :
BNA_P
ClientSampleId :
B-P-35B

Tgt Ion:149 Resp: 198700
Ion Ratio Lower Upper
149 100
167 27.4 22.0 33.0
279 4.4 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.204 min Scan# 3573
Delta R.T. -0.012 min
Lab File: BP013581.D
Acq: 24 Jan 2023 21:02

Tgt Ion:264 Resp: 1474508
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.6 17.4 26.2

