

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013554.D
 Acq On : 23 Jan 2023 19:14
 Operator : CG/JU
 Sample : PB150389BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150389BL

Quant Time: Jan 24 05:48:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 04:44:15 2023
 Response via : Initial Calibration

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

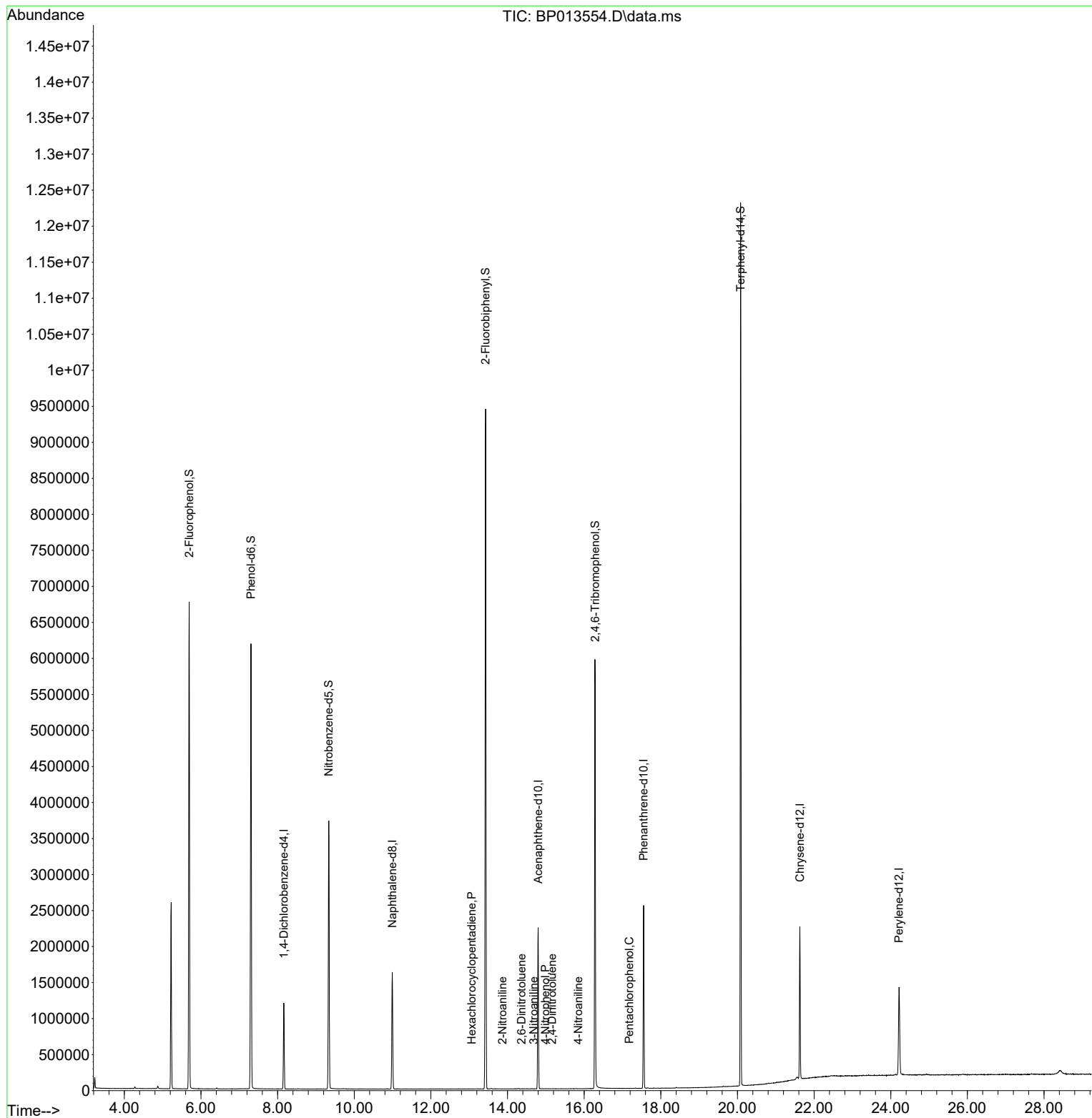
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	323697	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1336319	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	748722	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1442526	20.000	ng	0.00
76) Chrysene-d12	21.627	240	993314	20.000	ng	-0.01
86) Perylene-d12	24.216	264	957459	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2972704	157.348	ng	0.00
7) Phenol-d6	7.305	99	3729880	146.690	ng	0.00
23) Nitrobenzene-d5	9.334	82	2032950	100.432	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	1112267	148.105	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	4961324	90.957	ng	0.00
79) Terphenyl-d14	20.080	244	5766501	104.438	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	13.063	237	15	3.904	ng	79
48) 2-Nitroaniline	13.869	65	105	6.226	ng	# 34
51) 2,6-Dinitrotoluene	14.369	165	53	5.168	ng	# 11
53) 3-Nitroaniline	14.681	138	7	5.408	ng	# 1
54) 2,4-Dinitrophenol	14.881	184	10	Below Cal		# 31
56) 4-Nitrophenol	14.987	139	20	5.194	ng	# 1
57) 2,4-Dinitrotoluene	15.163	165	23	5.195	ng	# 1
62) 4-Nitroaniline	15.845	138	20	3.664	ng	# 1
70) Pentachlorophenol	17.175	266	11	5.330	ng	# 7

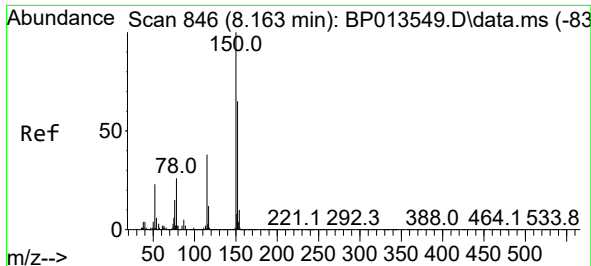
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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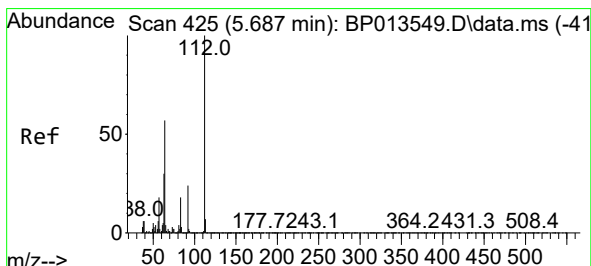
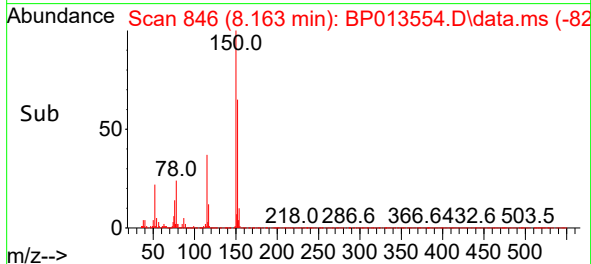
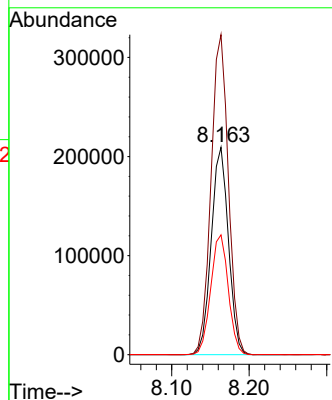
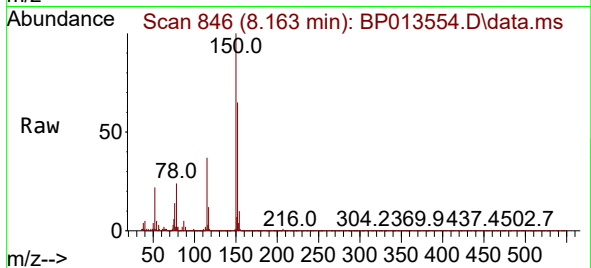




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

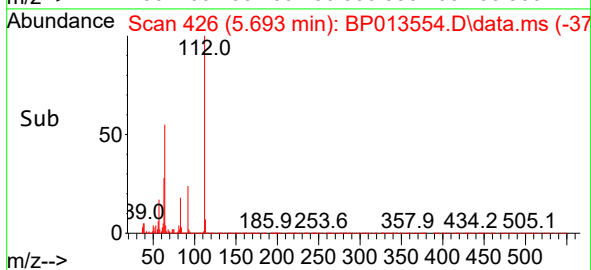
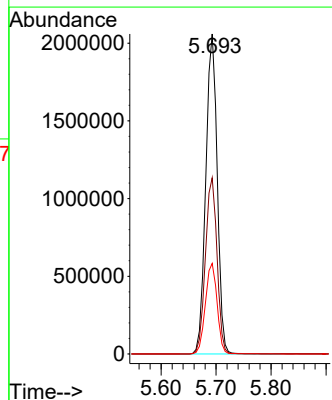
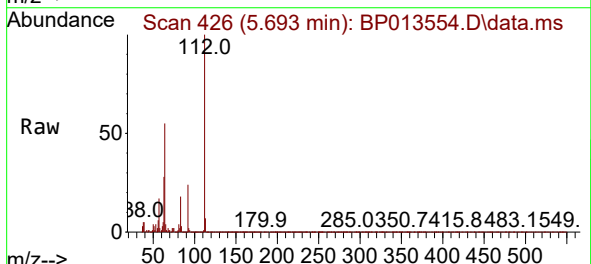
Instrument :
BNA_P
ClientSampleId :
PB150389BL

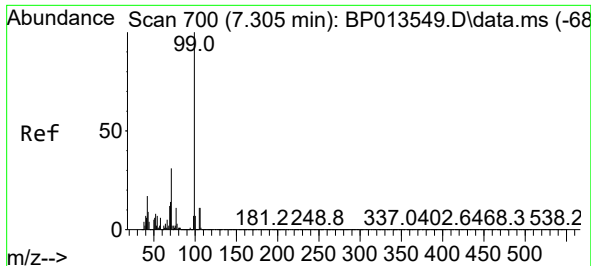
Tgt Ion:152 Resp: 323697
Ion Ratio Lower Upper
152 100
150 154.3 122.4 183.6
115 57.8 46.1 69.1



#5
2-Fluorophenol
Concen: 157.348 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

Tgt Ion:112 Resp: 2972704
Ion Ratio Lower Upper
112 100
64 55.0 45.4 68.0
63 28.3 24.1 36.1

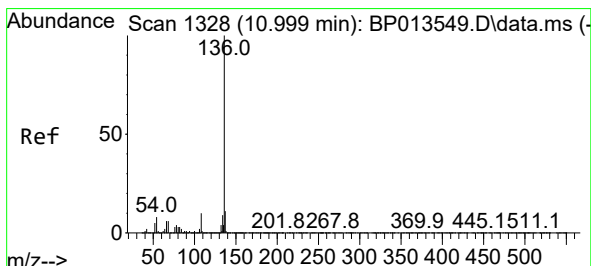
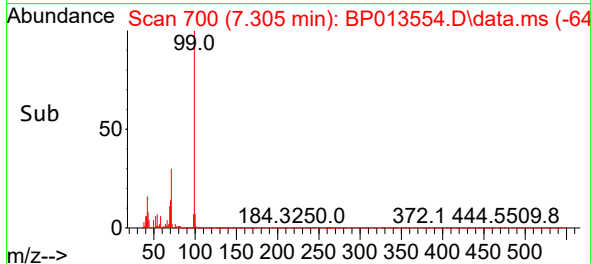
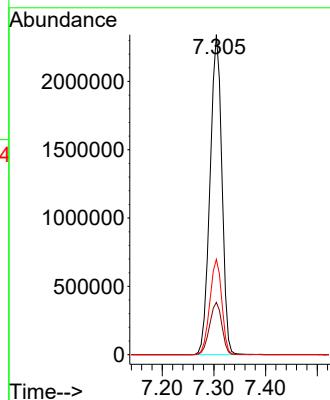
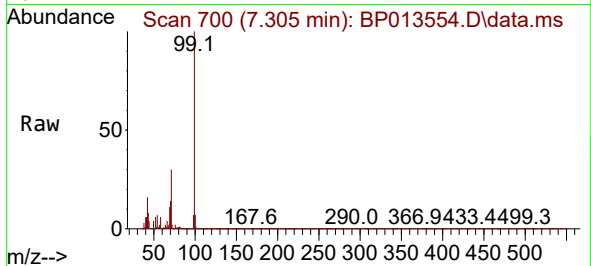




#7
Phenol-d6
Concen: 146.690 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

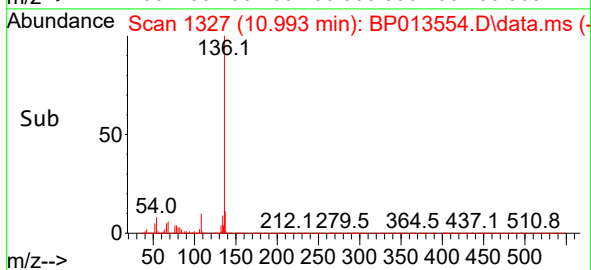
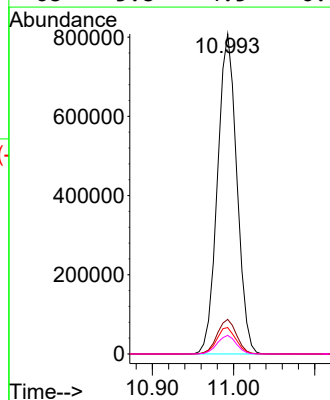
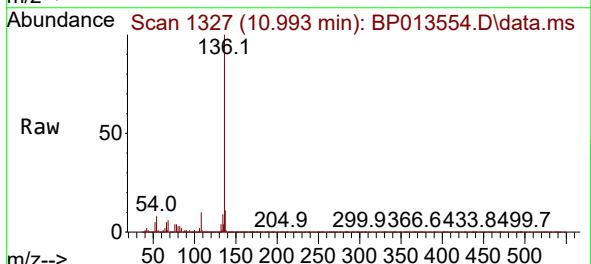
Instrument :
BNA_P
ClientSampleId :
PB150389BL

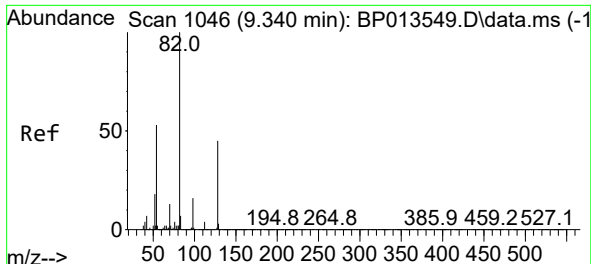
Tgt Ion: 99 Resp: 3729880
Ion Ratio Lower Upper
99 100
42 16.3 14.0 21.0
71 29.8 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

Tgt Ion: 136 Resp: 1336319
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.3 6.6 9.8
68 5.8 4.5 6.7

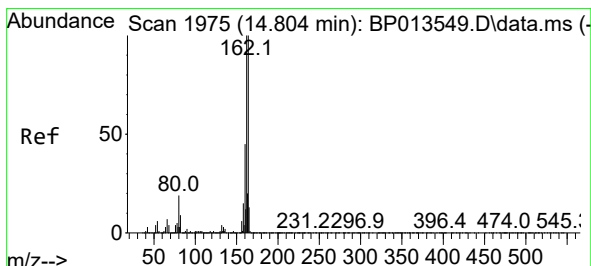
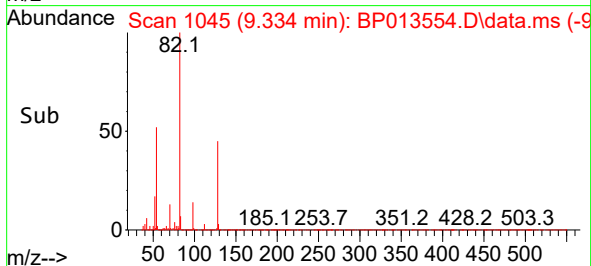
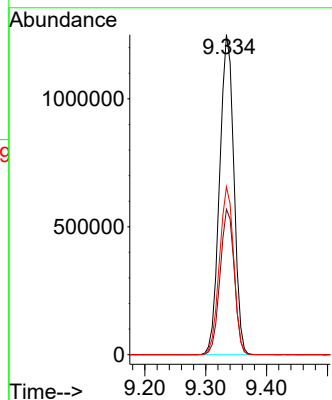
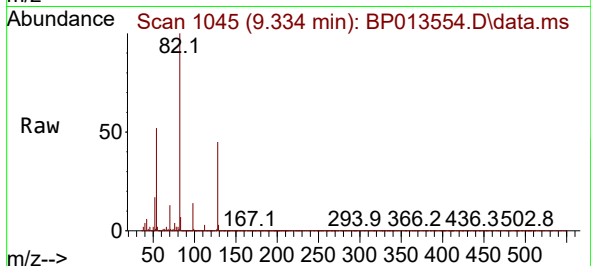




#23
Nitrobenzene-d5
Concen: 100.432 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

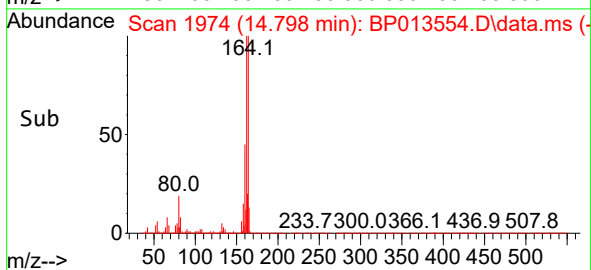
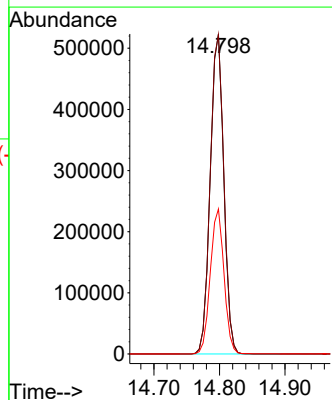
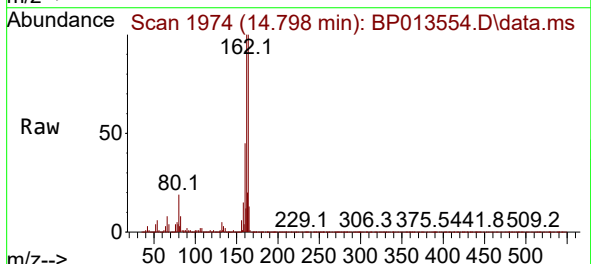
Instrument :
BNA_P
ClientSampleId :
PB150389BL

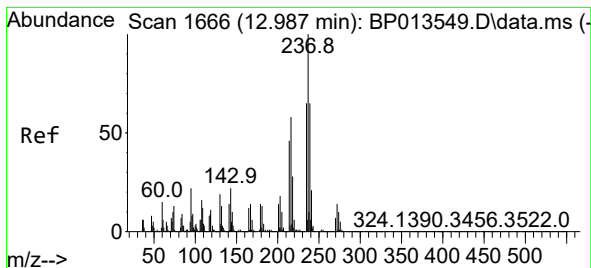
Tgt Ion: 82 Resp: 2032950
Ion Ratio Lower Upper
82 100
128 45.4 35.8 53.6
54 52.5 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

Tgt Ion:164 Resp: 748722
Ion Ratio Lower Upper
164 100
162 99.8 80.1 120.1
160 45.3 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.904 ng

RT: 13.063 min Scan# 1

Delta R.T. 0.076 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

Instrument :

BNA_P

ClientSampleId :

PB150389BL

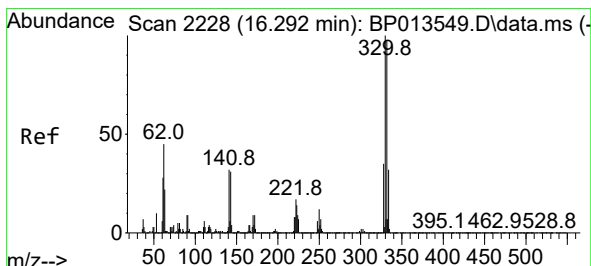
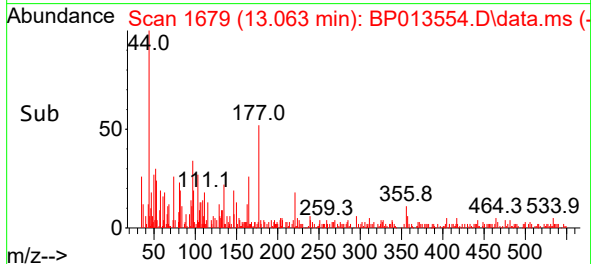
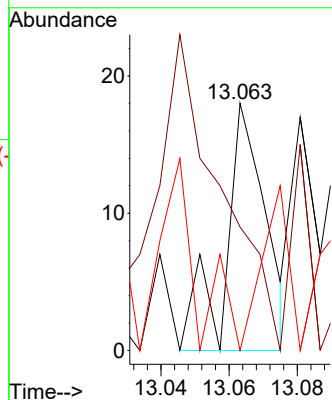
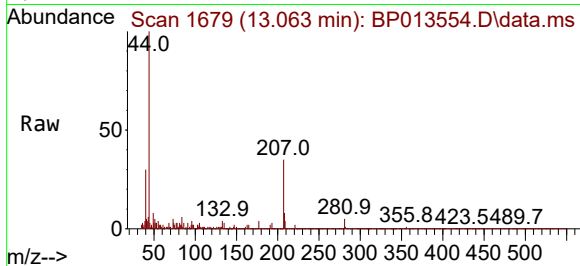
Tgt Ion:237 Resp: 15

Ion Ratio Lower Upper

237 100

235 50.0 44.6 84.6

272 0.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 148.105 ng

RT: 16.287 min Scan# 2227

Delta R.T. -0.005 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

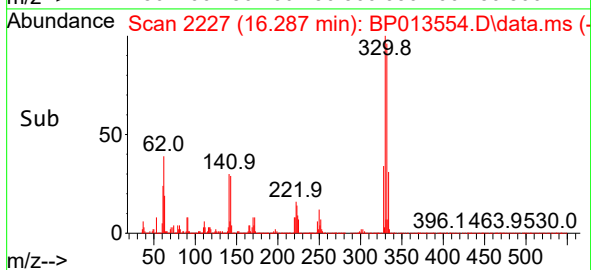
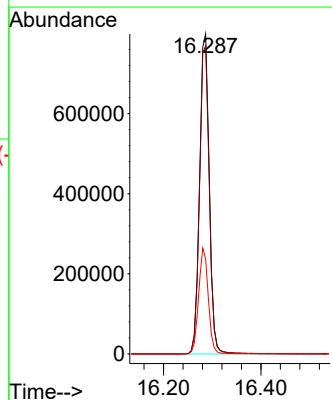
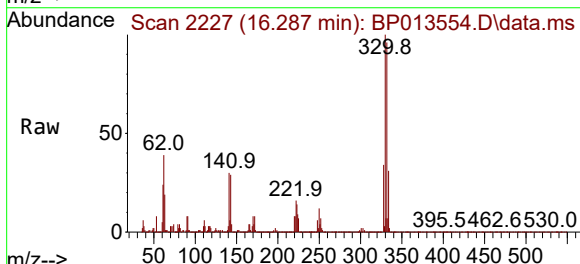
Tgt Ion:330 Resp: 1112267

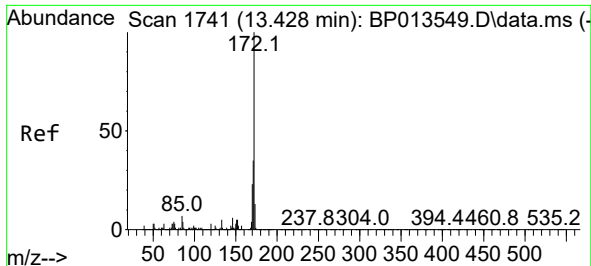
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 33.0 27.6 41.4

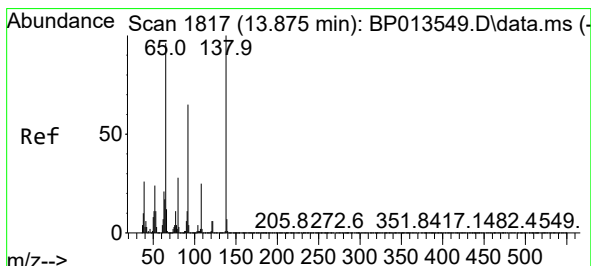
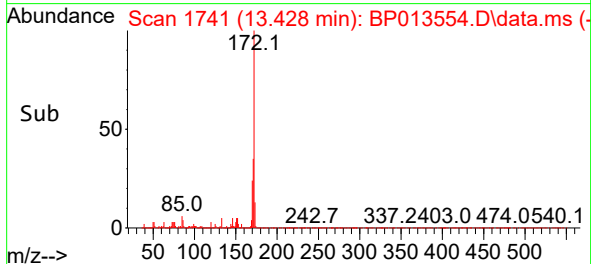
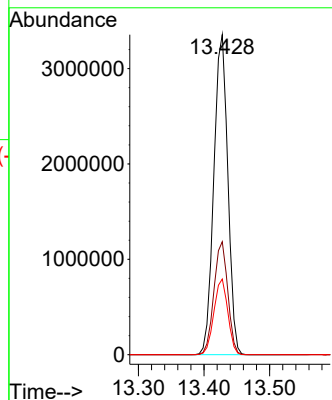
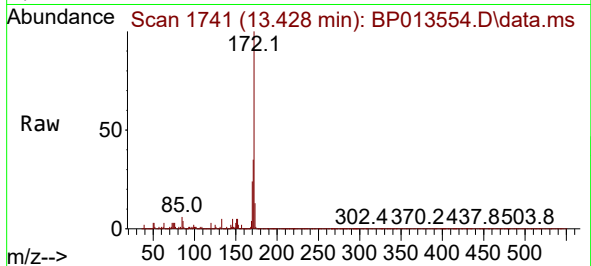




#45
2-Fluorobiphenyl
Concen: 90.957 ng
RT: 13.428 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

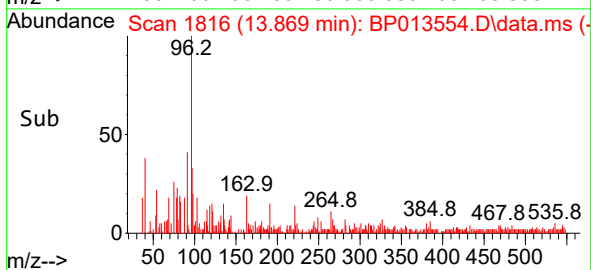
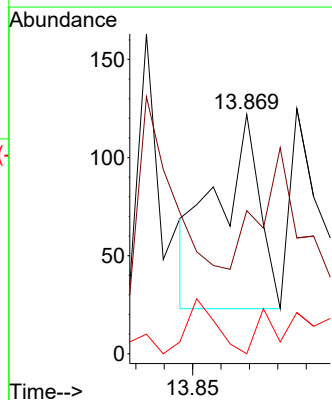
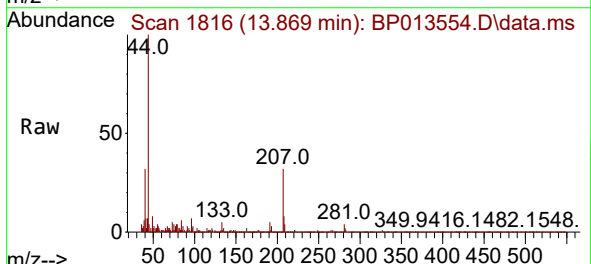
Instrument :
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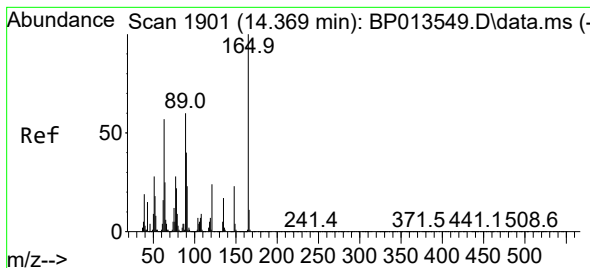
Tgt Ion:172 Resp: 4961324
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.7 18.6 27.8



#48
2-Nitroaniline
Concen: 6.226 ng
RT: 13.869 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

Tgt Ion: 65 Resp: 105
Ion Ratio Lower Upper
65 100
92 59.8 54.1 81.1
138 0.0 83.6 125.4#





#51

2,6-Dinitrotoluene

Concen: 5.168 ng

RT: 14.369 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

Instrument :

BNA_P

ClientSampleId :

PB150389BL

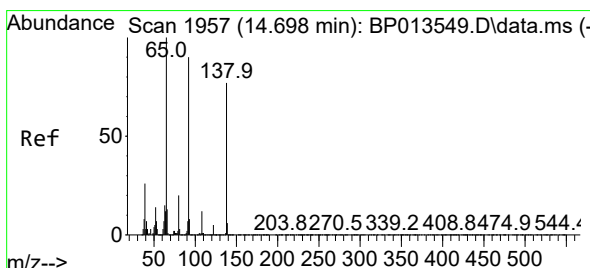
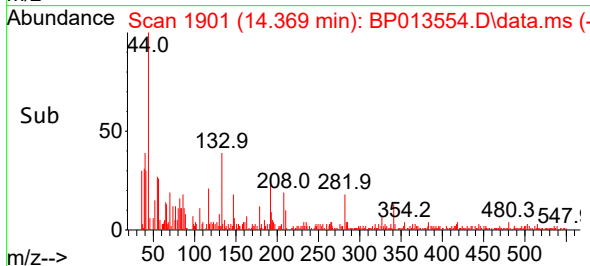
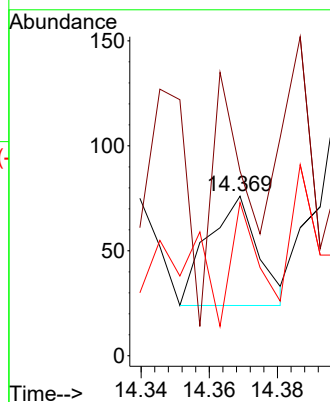
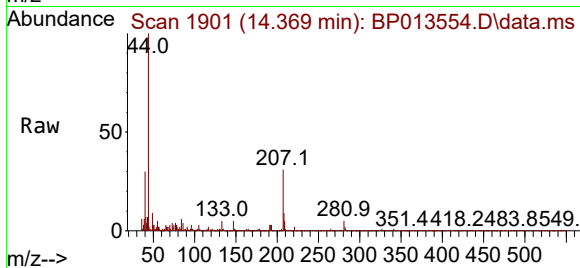
Tgt Ion:165 Resp: 53

Ion Ratio Lower Upper

165 100

63 165.1 47.2 70.8#

89 88.0 47.8 71.6#



#53

3-Nitroaniline

Concen: 5.408 ng

RT: 14.681 min Scan# 1954

Delta R.T. -0.017 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

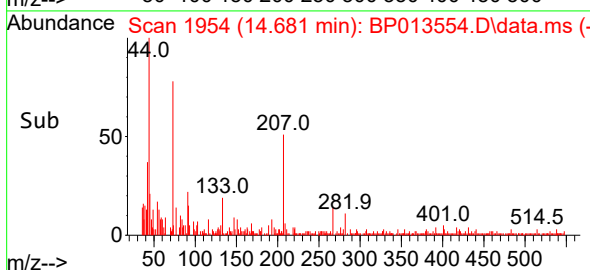
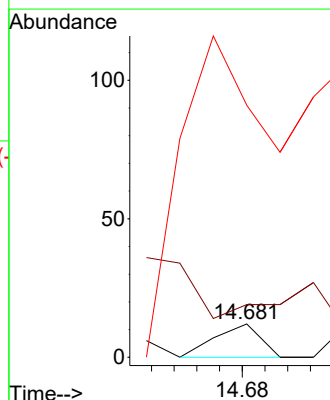
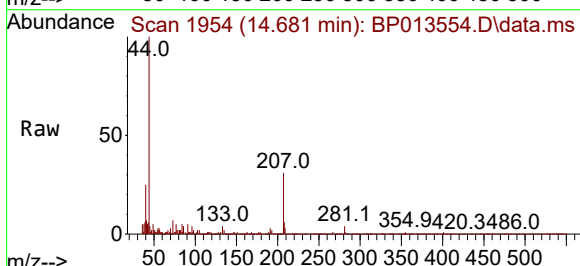
Tgt Ion:138 Resp: 7

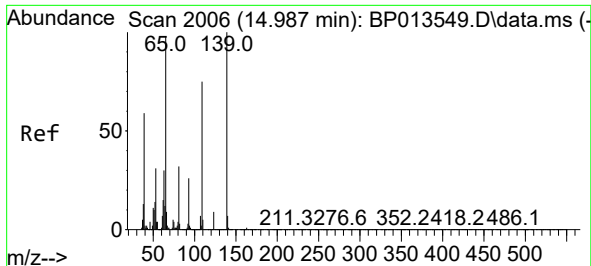
Ion Ratio Lower Upper

138 100

108 241.7 12.8 19.2#

92 758.3 93.3 139.9#

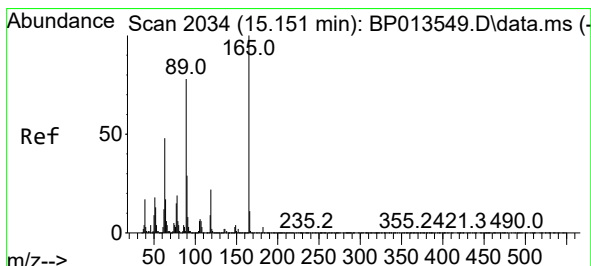
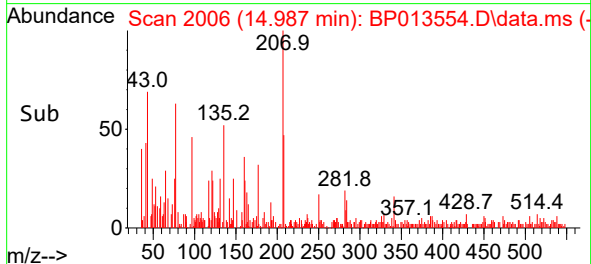
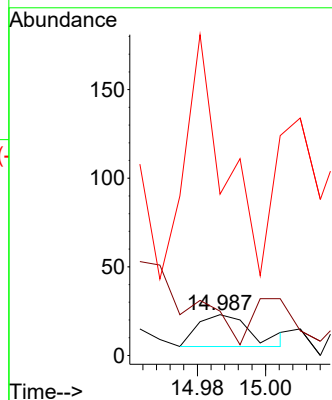
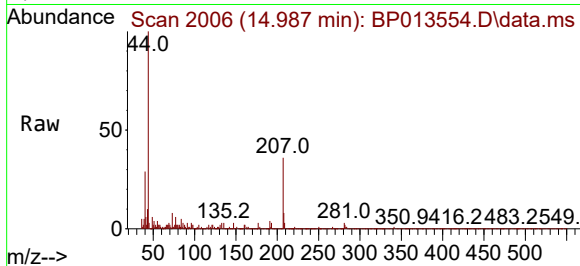




#56
4-Nitrophenol
Concen: 5.194 ng
RT: 14.987 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

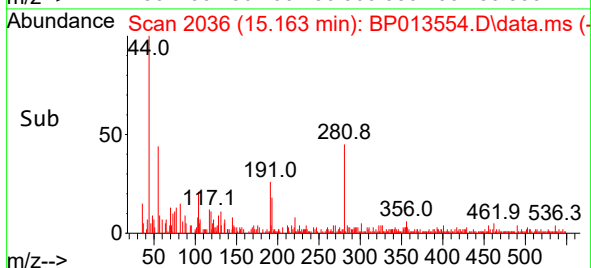
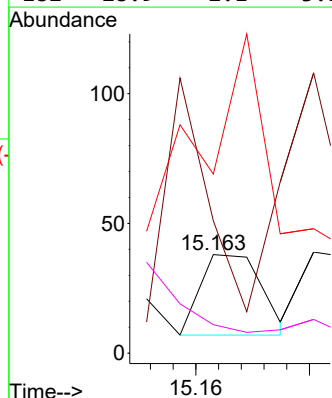
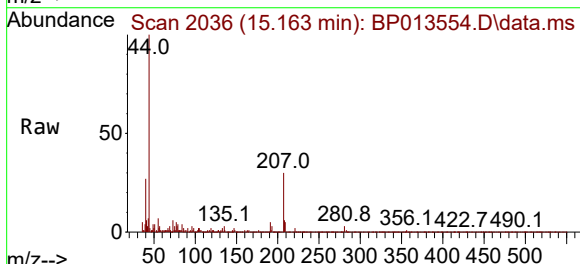
Instrument :
BNA_P
ClientSampleId :
PB150389BL

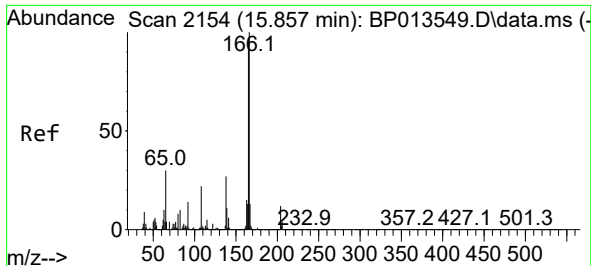
Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 108.7 55.0 95.0#
65 395.7 77.7 117.7#



#57
2,4-Dinitrotoluene
Concen: 5.195 ng
RT: 15.163 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

Tgt Ion:165 Resp: 23
Ion Ratio Lower Upper
165 100
63 134.2 38.3 57.5#
89 181.6 62.1 93.1#
182 28.9 2.1 3.1#

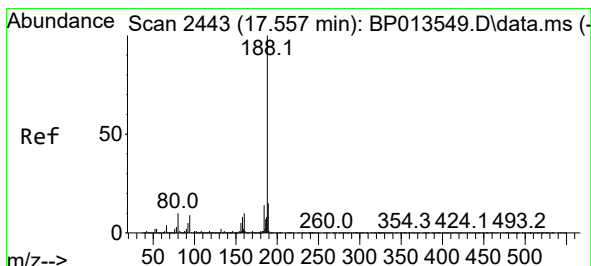
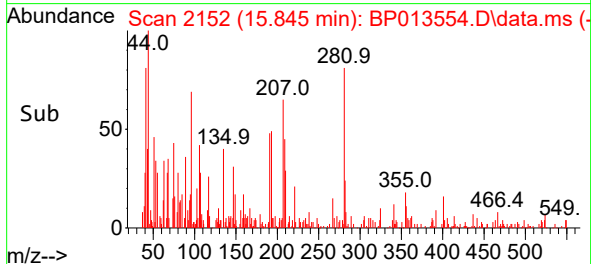
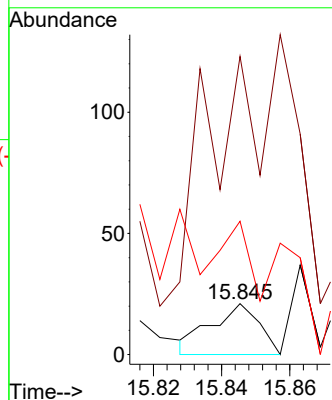
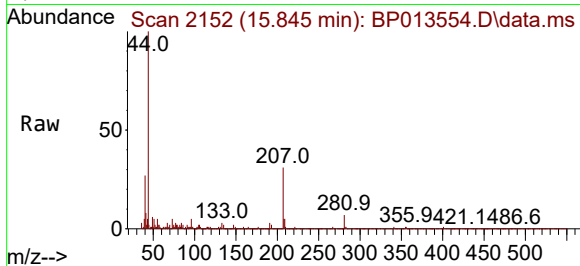




#62
4-Nitroaniline
Concen: 3.664 ng
RT: 15.845 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

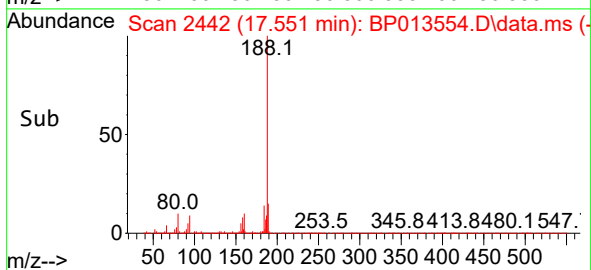
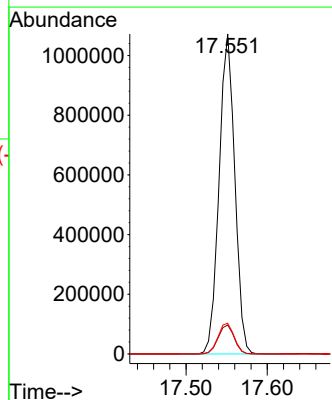
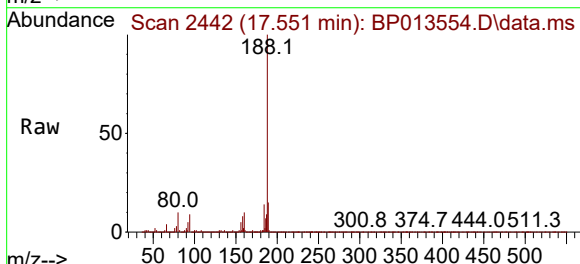
Instrument :
BNA_P
ClientSampleId :
PB150389BL

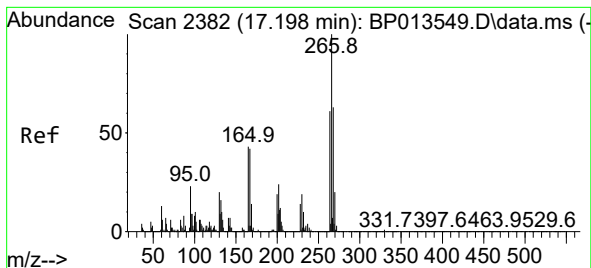
Tgt Ion:138 Resp: 20
Ion Ratio Lower Upper
138 100
92 585.7 32.3 72.3#
108 261.9 59.2 99.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013554.D
Acq: 23 Jan 2023 19:14

Tgt Ion:188 Resp: 1442526
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.6 8.2 12.2





#70

Pentachlorophenol

Concen: 5.330 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

Instrument :

BNA_P

ClientSampleId :

PB150389BL

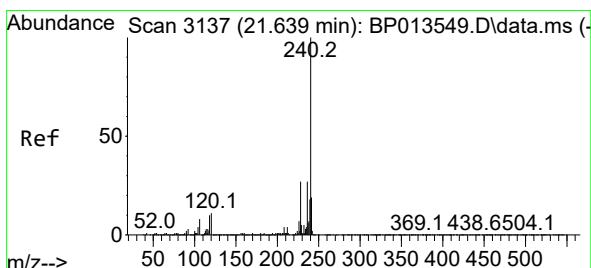
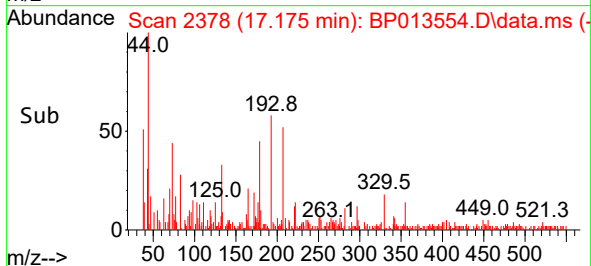
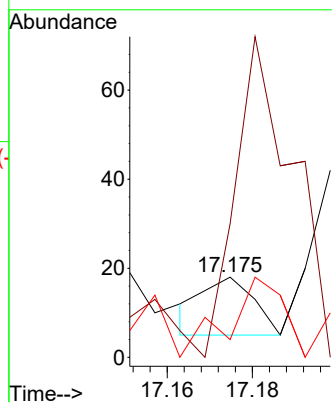
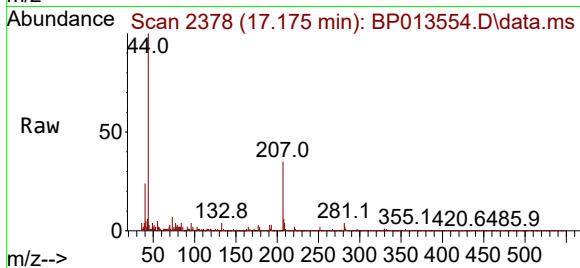
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

268 166.7 50.7 76.1#

264 22.2 48.9 73.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

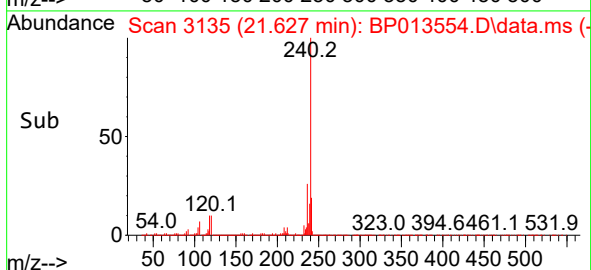
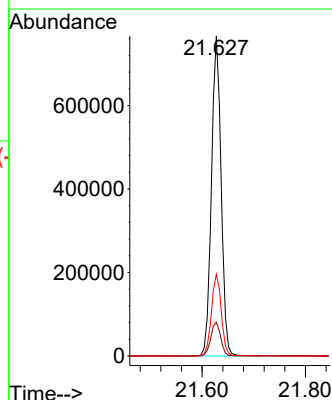
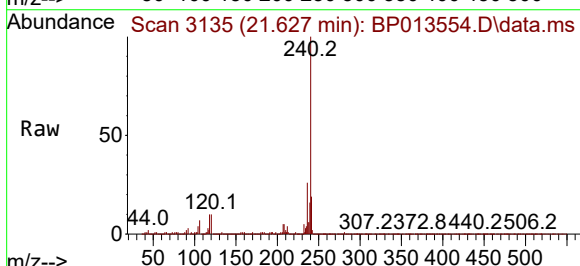
Tgt Ion:240 Resp: 993314

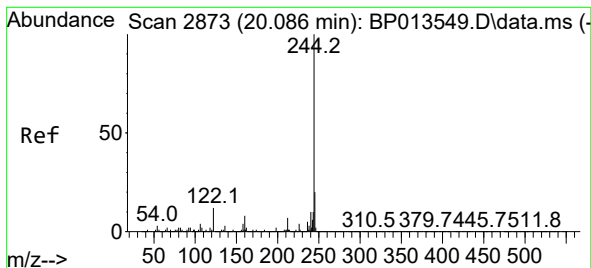
Ion Ratio Lower Upper

240 100

120 10.5 8.6 13.0

236 25.6 21.3 31.9





#79

Terphenyl-d14

Concen: 104.438 ng

RT: 20.080 min Scan# 2

Delta R.T. -0.006 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

Instrument :

BNA_P

ClientSampleId :

PB150389BL

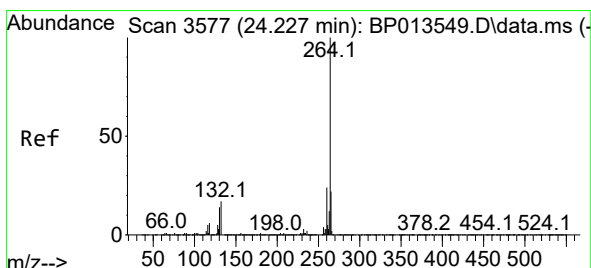
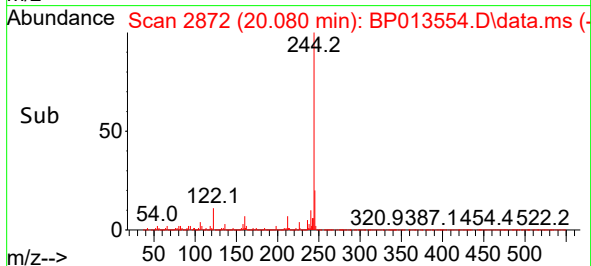
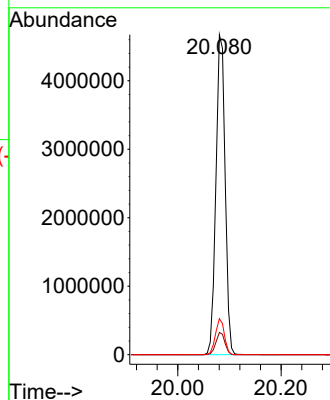
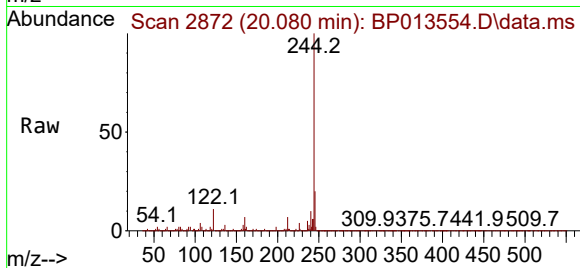
Tgt Ion:244 Resp: 5766501

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.2 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.216 min Scan# 3575

Delta R.T. -0.012 min

Lab File: BP013554.D

Acq: 23 Jan 2023 19:14

Tgt Ion:264 Resp: 957459

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.0 17.4 26.2

