

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013567.D
 Acq On : 24 Jan 2023 12:51
 Operator : CG/JU
 Sample : 01221-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-11-0118

Quant Time: Jan 25 03:47:10 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)

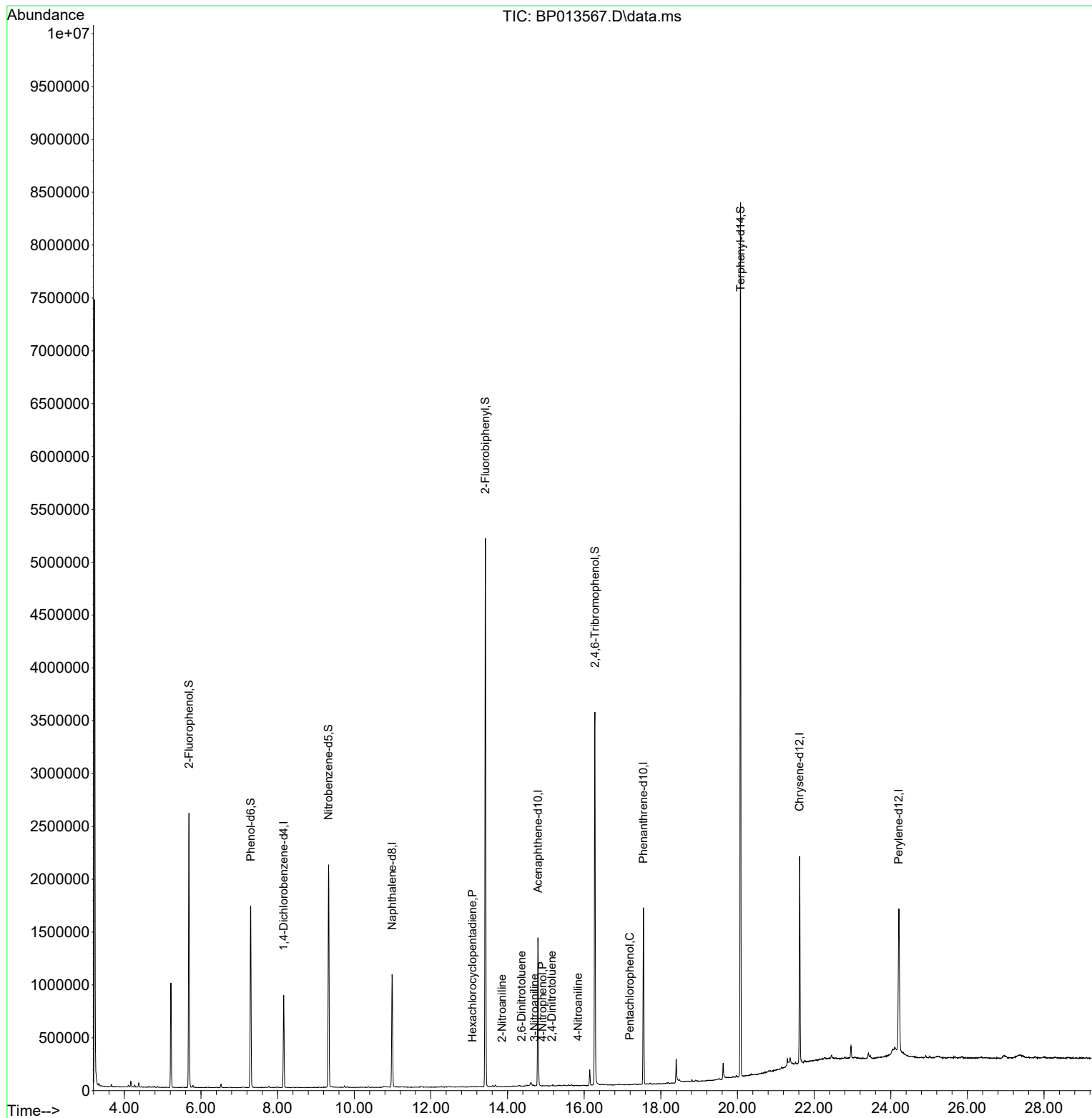
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	239846	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	903639	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	480846	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	977553	20.000	ng	0.00
76) Chrysene-d12	21.622	240	935237	20.000	ng	0.00
86) Perylene-d12	24.210	264	1110971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1113775	79.563	ng	0.00
7) Phenol-d6	7.299	99	1005669	53.379	ng	0.00
23) Nitrobenzene-d5	9.328	82	1169629	85.449	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	677575	140.485	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	2698415	77.031	ng	0.00
79) Terphenyl-d14	20.081	244	3981907	76.595	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	13.087	237	10	3.905	ng	84
48) 2-Nitroaniline	13.857	65	124	6.232	ng	# 44
51) 2,6-Dinitrotoluene	14.369	165	236	5.194	ng	# 66
53) 3-Nitroaniline	14.698	138	97	5.419	ng	# 48
54) 2,4-Dinitrophenol	14.887	184	12	Below Cal		# 1
56) 4-Nitrophenol	14.910	139	130	5.212	ng	88
57) 2,4-Dinitrotoluene	15.157	165	398	5.236	ng	# 78
62) 4-Nitroaniline	15.840	138	136	3.679	ng	93
70) Pentachlorophenol	17.187	266	279	5.362	ng	# 29

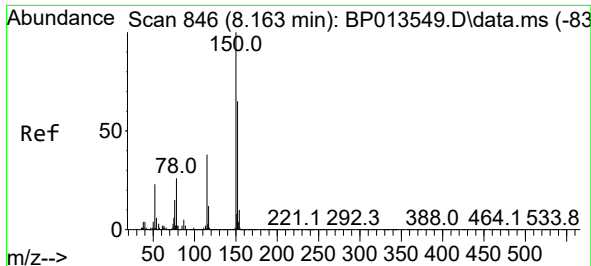
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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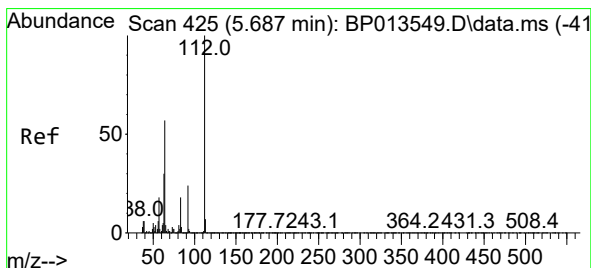
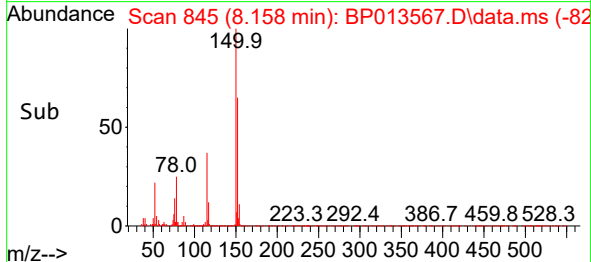
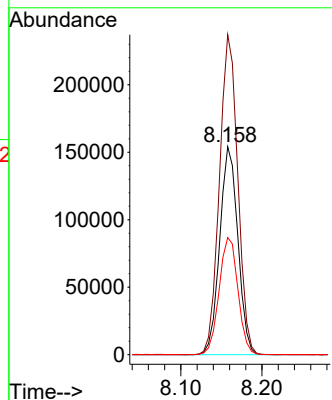
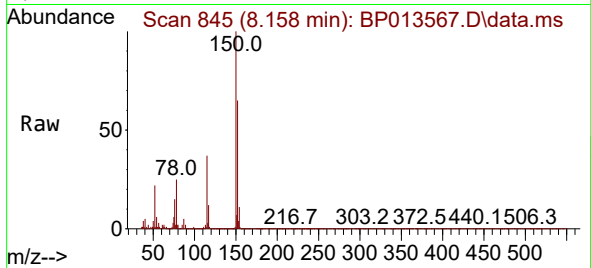




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

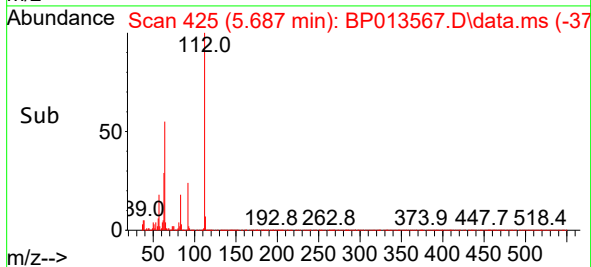
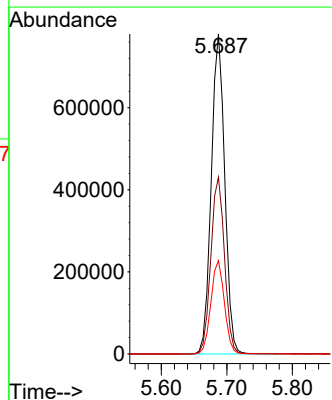
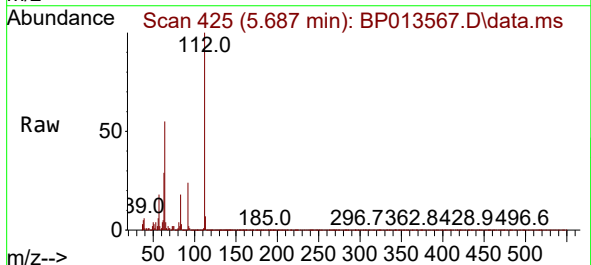
Instrument :
BNA_P
ClientSampleId :
MW-11-0118

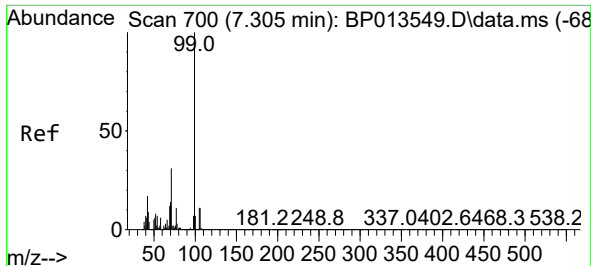
Tgt Ion:152 Resp: 239846
Ion Ratio Lower Upper
152 100
150 153.9 122.4 183.6
115 56.3 46.1 69.1



#5
2-Fluorophenol
Concen: 79.563 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

Tgt Ion:112 Resp: 1113775
Ion Ratio Lower Upper
112 100
64 55.3 45.4 68.0
63 29.2 24.1 36.1

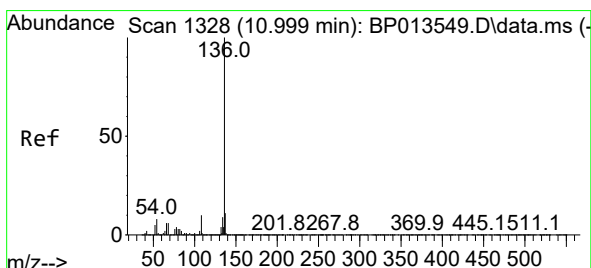
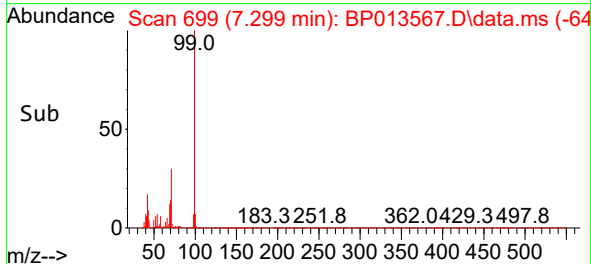
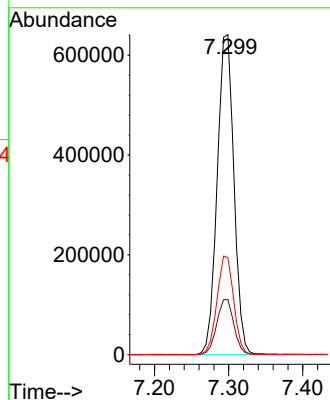
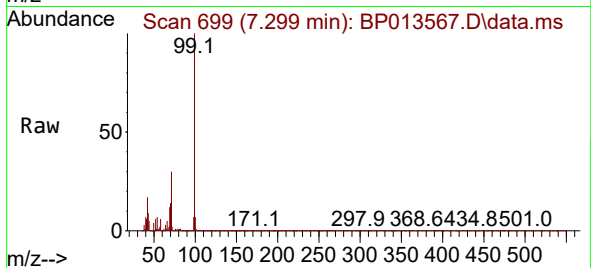




#7
Phenol-d6
Concen: 53.379 ng
RT: 7.299 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

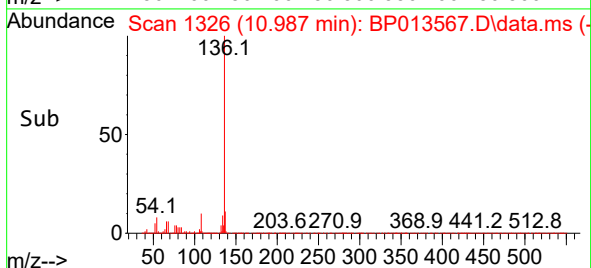
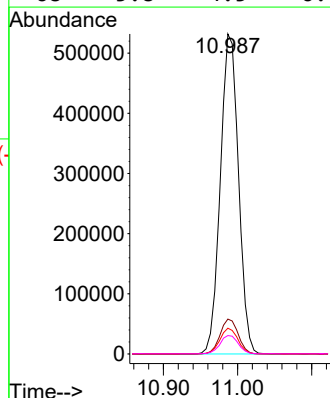
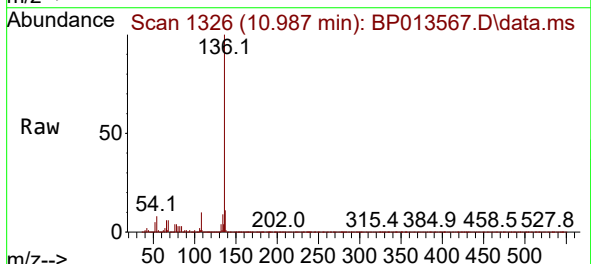
Instrument :
BNA_P
ClientSampleId :
MW-11-0118

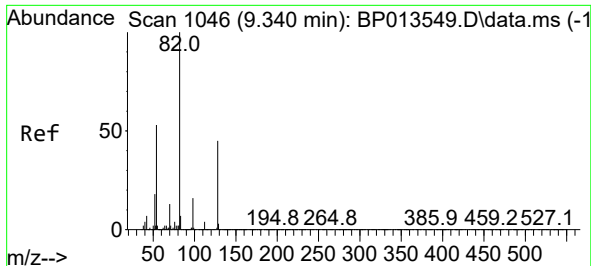
Tgt Ion: 99 Resp: 1005669
Ion Ratio Lower Upper
99 100
42 17.2 14.0 21.0
71 30.3 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

Tgt Ion: 136 Resp: 903639
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.0 6.6 9.8
68 5.8 4.5 6.7

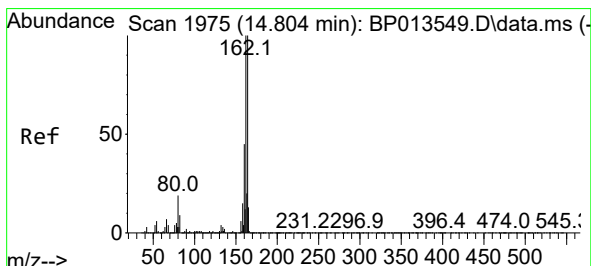
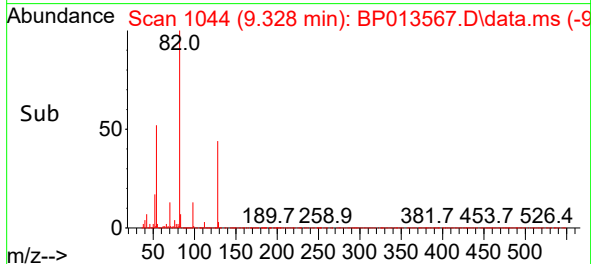
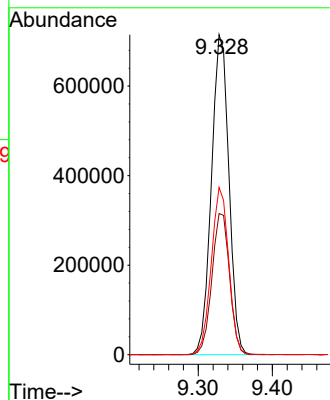
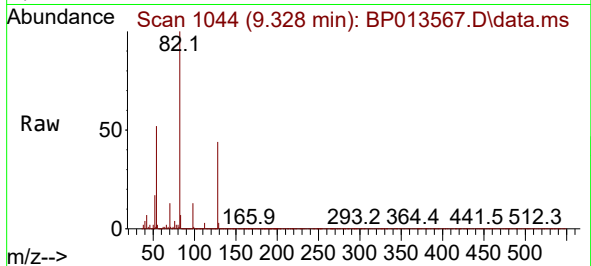




#23
Nitrobenzene-d5
Concen: 85.449 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

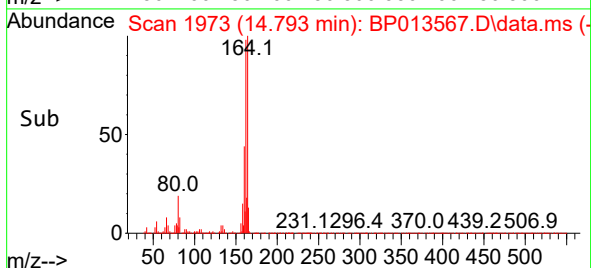
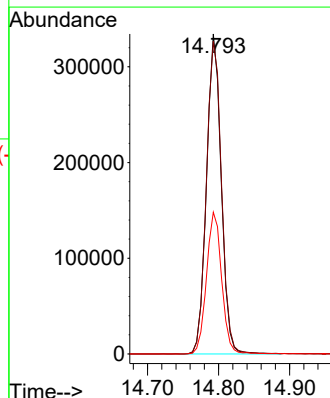
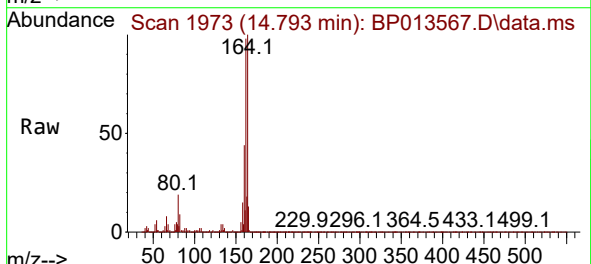
Instrument :
BNA_P
ClientSampleId :
MW-11-0118

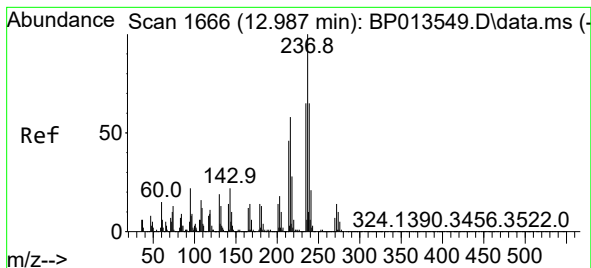
Tgt Ion: 82 Resp: 1169629
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 52.3 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

Tgt Ion: 164 Resp: 480846
Ion Ratio Lower Upper
164 100
162 97.7 80.1 120.1
160 44.3 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.905 ng

RT: 13.087 min Scan# 1683

Delta R.T. 0.106 min

Lab File: BP013567.D

Acq: 24 Jan 2023 12:51

Instrument :

BNA_P

ClientSampleId :

MW-11-0118

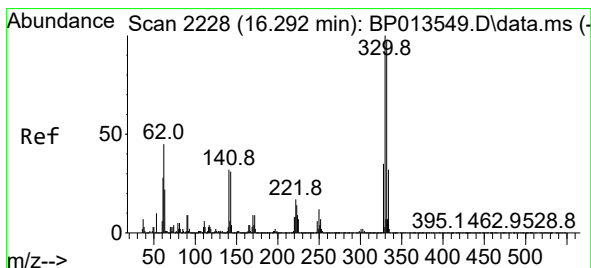
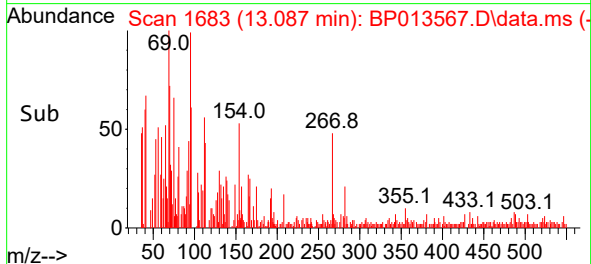
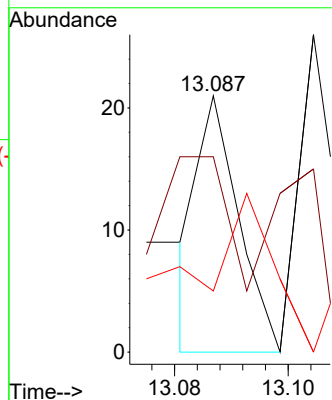
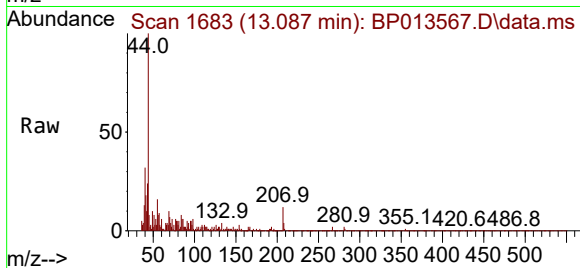
Tgt Ion:237 Resp: 10

Ion Ratio Lower Upper

237 100

235 76.2 44.6 84.6

272 23.8 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 140.485 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013567.D

Acq: 24 Jan 2023 12:51

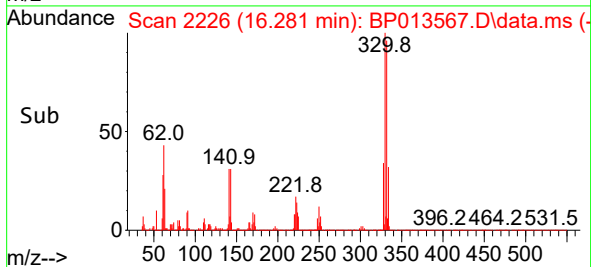
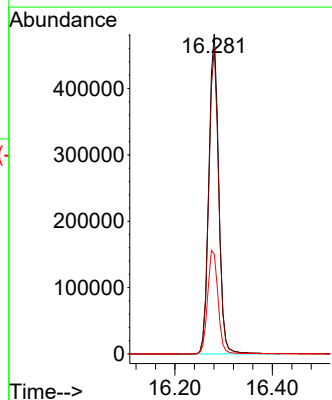
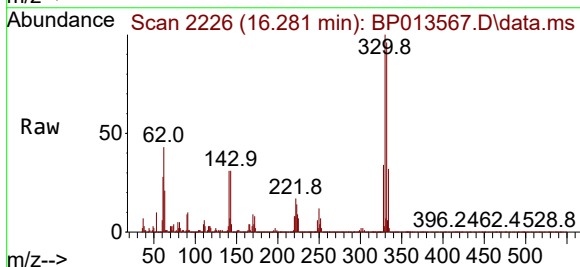
Tgt Ion:330 Resp: 677575

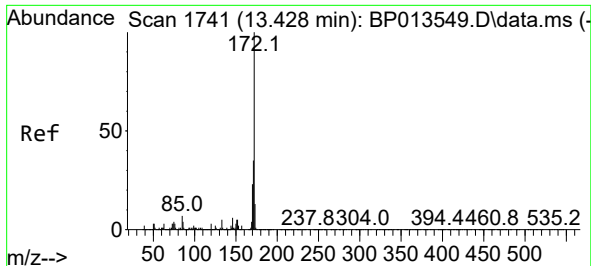
Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

141 33.8 27.6 41.4

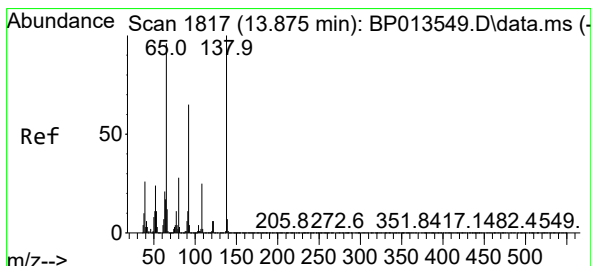
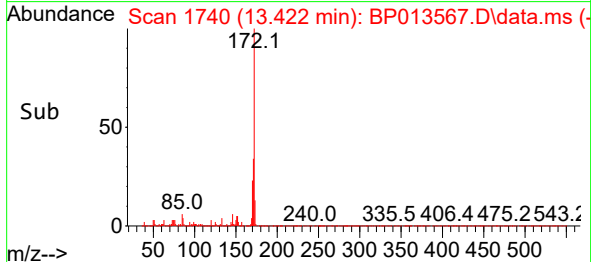
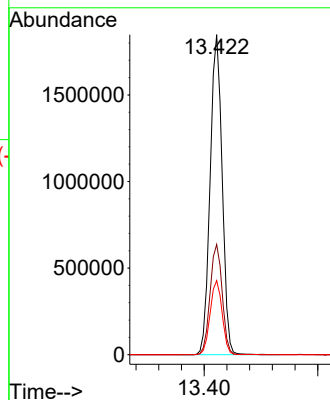
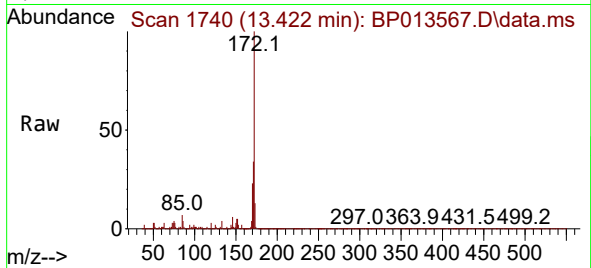




#45
2-Fluorobiphenyl
Concen: 77.031 ng
RT: 13.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

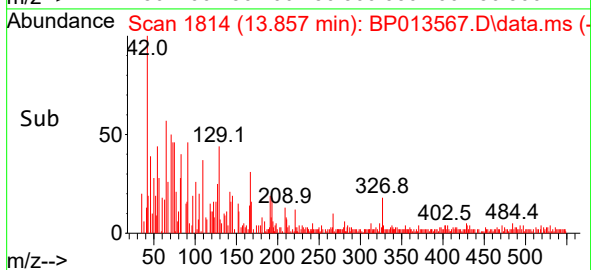
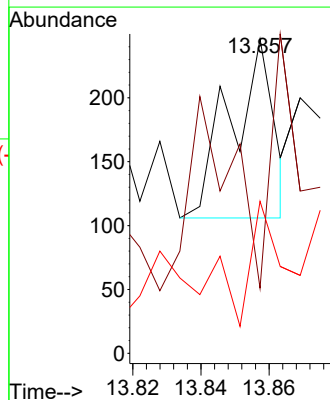
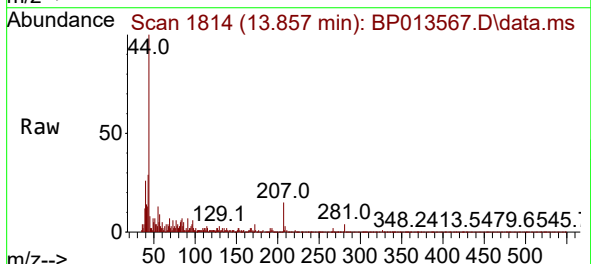
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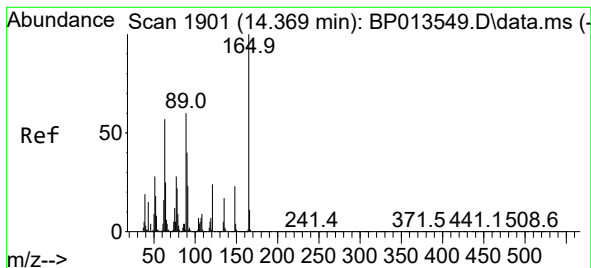
Tgt Ion:172 Resp: 2698415
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.2 18.6 27.8



#48
2-Nitroaniline
Concen: 6.232 ng
RT: 13.857 min Scan# 1814
Delta R.T. -0.018 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

Tgt Ion: 65 Resp: 124
Ion Ratio Lower Upper
65 100
92 20.7 54.1 81.1#
138 48.4 83.6 125.4#

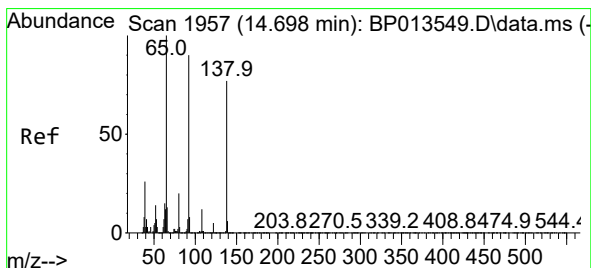
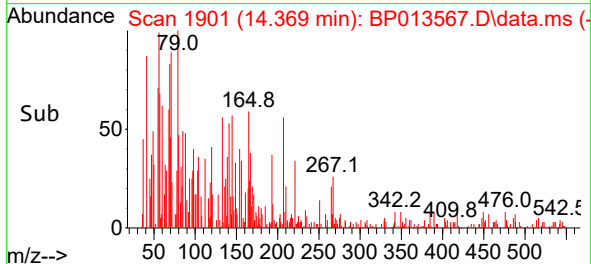
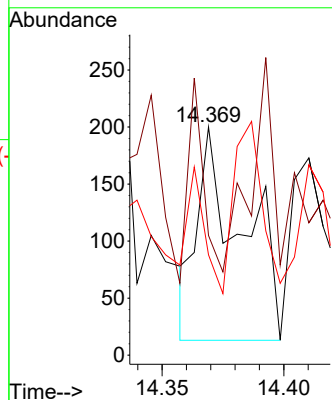
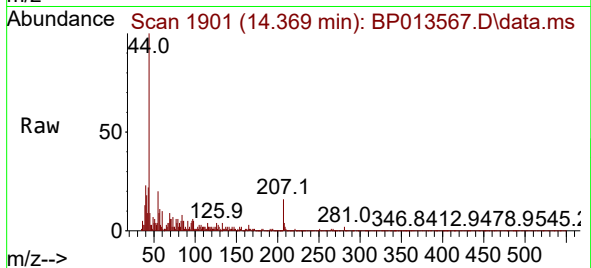




#51
2,6-Dinitrotoluene
Concen: 5.194 ng
RT: 14.369 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

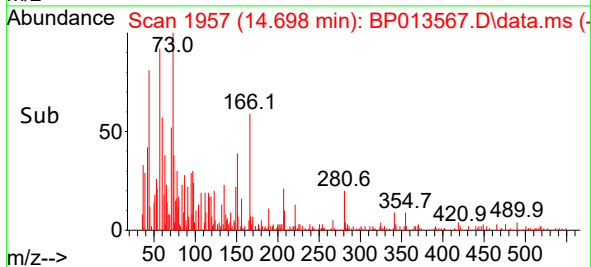
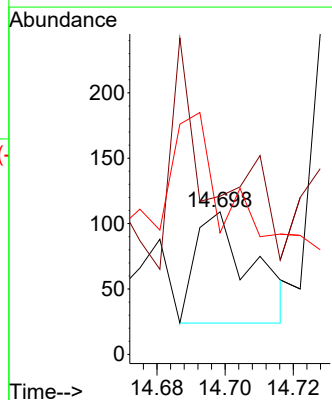
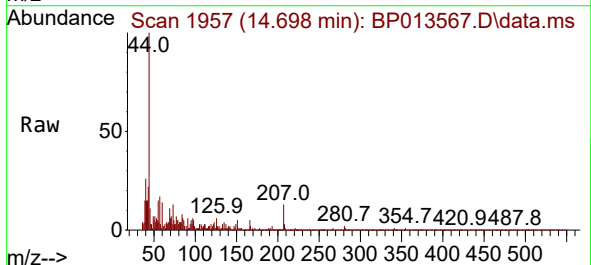
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ClientSampleId :
MW-11-0118

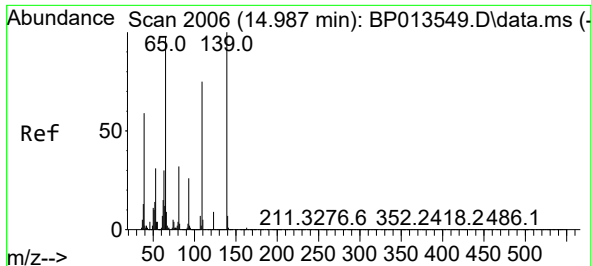
Tgt Ion:165 Resp: 236
Ion Ratio Lower Upper
165 100
63 94.0 47.2 70.8#
89 44.0 47.8 71.6#



#53
3-Nitroaniline
Concen: 5.419 ng
RT: 14.698 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

Tgt Ion:138 Resp: 97
Ion Ratio Lower Upper
138 100
108 111.0 12.8 19.2#
92 85.3 93.3 139.9#

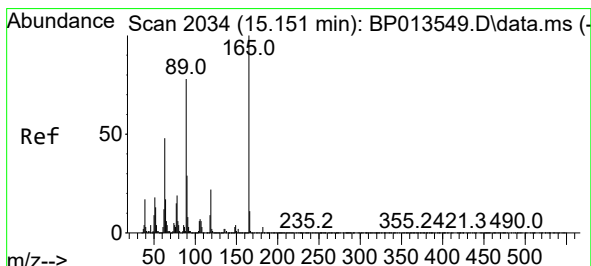
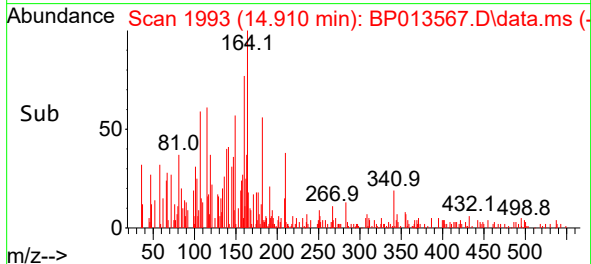
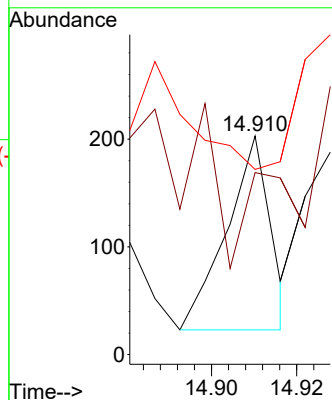
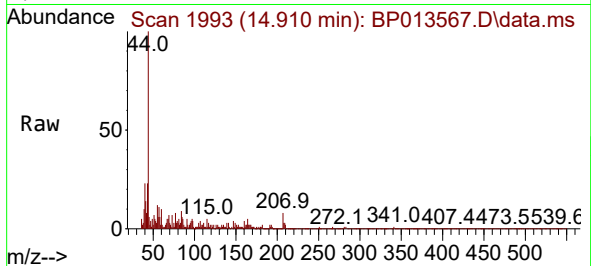




#56
4-Nitrophenol
Concen: 5.212 ng
RT: 14.910 min Scan# 1993
Delta R.T. -0.071 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

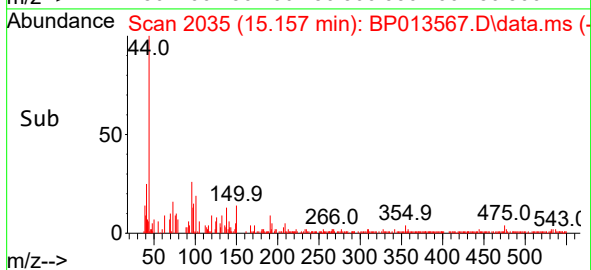
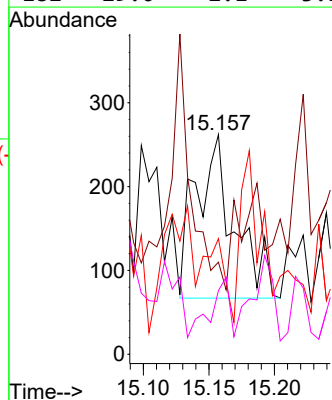
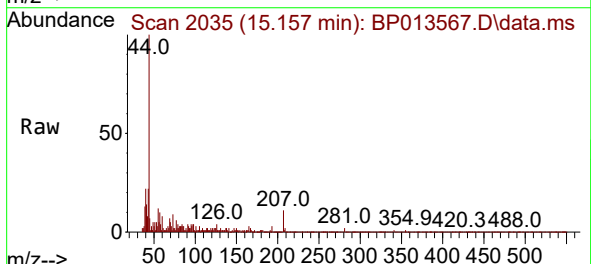
Instrument :
BNA_P
ClientSampleId :
MW-11-0118

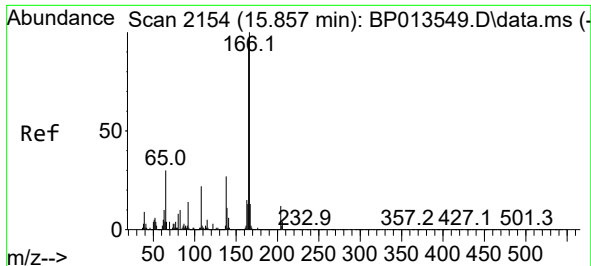
Tgt Ion:139 Resp: 130
Ion Ratio Lower Upper
139 100
109 83.3 55.0 95.0
65 84.7 77.7 117.7



#57
2,4-Dinitrotoluene
Concen: 5.236 ng
RT: 15.157 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

Tgt Ion:165 Resp: 398
Ion Ratio Lower Upper
165 100
63 42.0 38.3 57.5
89 52.7 62.1 93.1#
182 29.0 2.1 3.1#

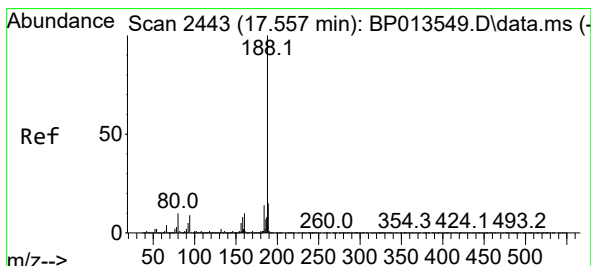
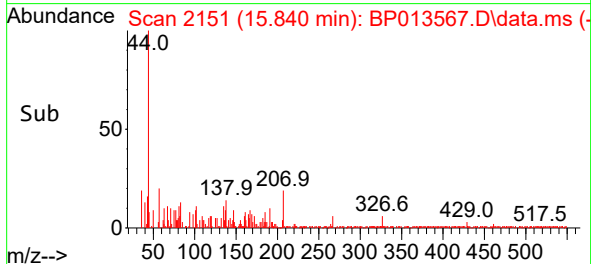
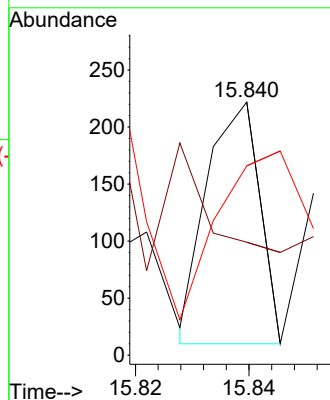
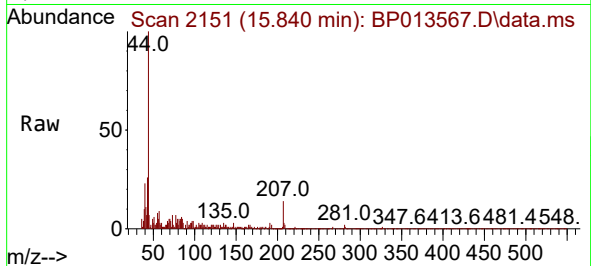




#62
4-Nitroaniline
Concen: 3.679 ng
RT: 15.840 min Scan# 2154
Delta R.T. -0.018 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

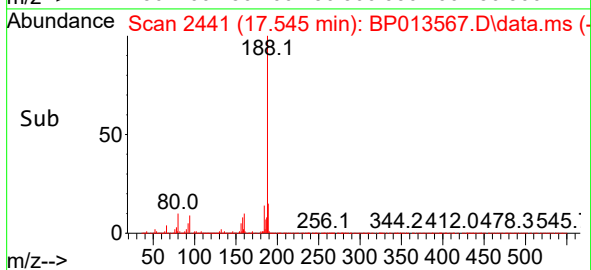
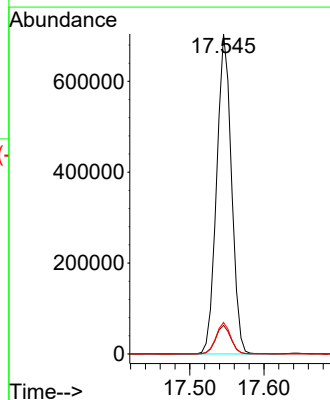
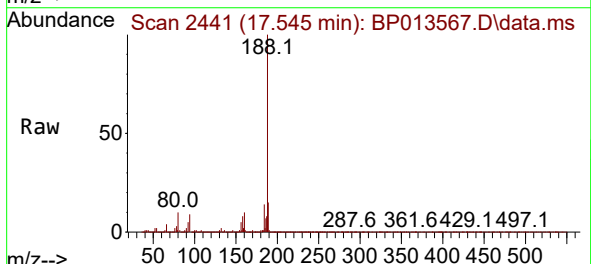
Instrument :
BNA_P
ClientSampleId :
MW-11-0118

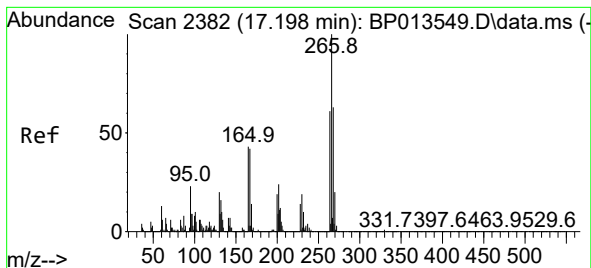
Tgt Ion:138 Resp: 136
Ion Ratio Lower Upper
138 100
92 44.6 32.3 72.3
108 74.8 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013567.D
Acq: 24 Jan 2023 12:51

Tgt Ion:188 Resp: 977553
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.8 8.2 12.2





#70

Pentachlorophenol

Concen: 5.362 ng

RT: 17.187 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013567.D

Acq: 24 Jan 2023 12:51

Instrument :

BNA_P

ClientSampleId :

MW-11-0118

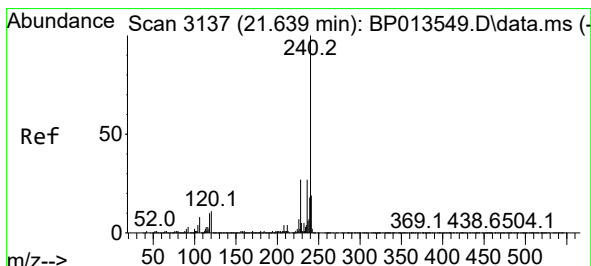
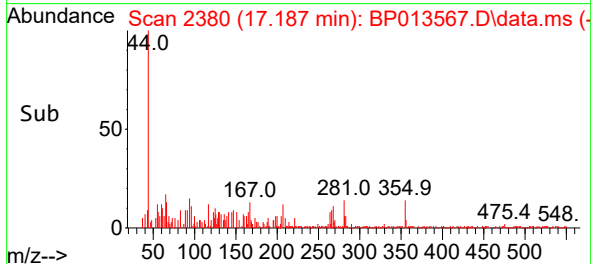
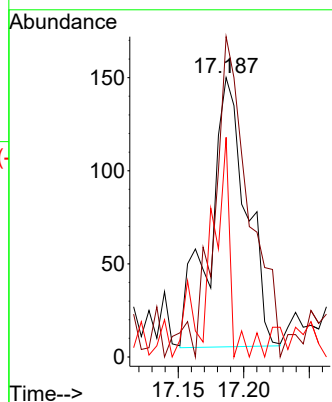
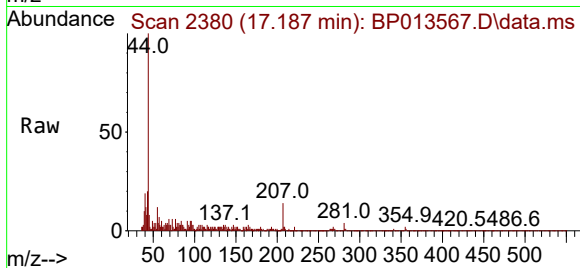
Tgt Ion:266 Resp: 279

Ion Ratio Lower Upper

266 100

268 114.7 50.7 76.1#

264 119.3 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: BP013567.D

Acq: 24 Jan 2023 12:51

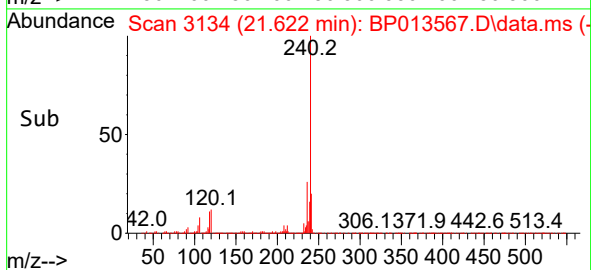
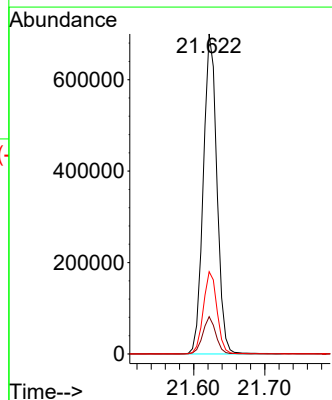
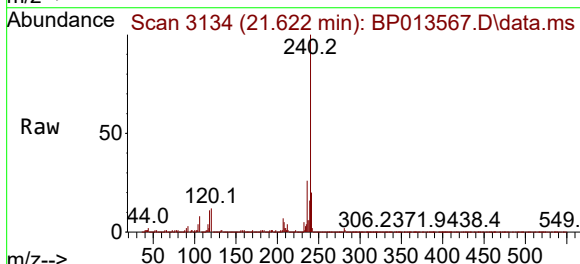
Tgt Ion:240 Resp: 935237

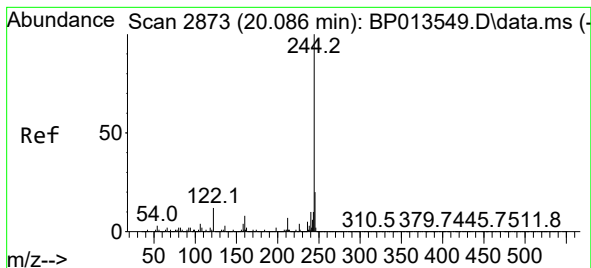
Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

236 25.7 21.3 31.9





#79

Terphenyl-d14

Concen: 76.595 ng

RT: 20.081 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013567.D

Acq: 24 Jan 2023 12:51

Instrument :

BNA_P

ClientSampleId :

MW-11-0118

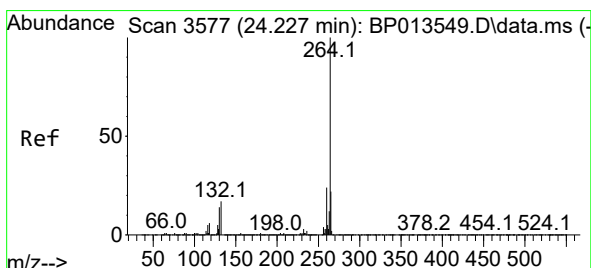
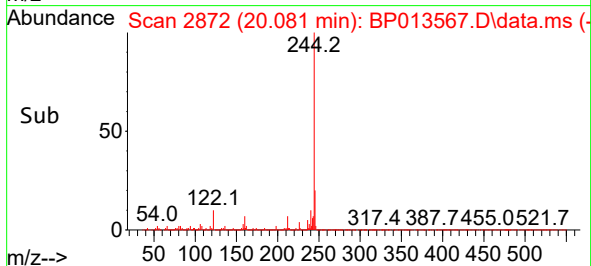
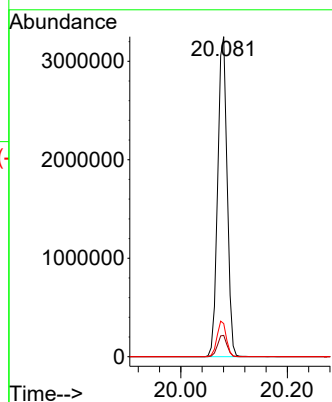
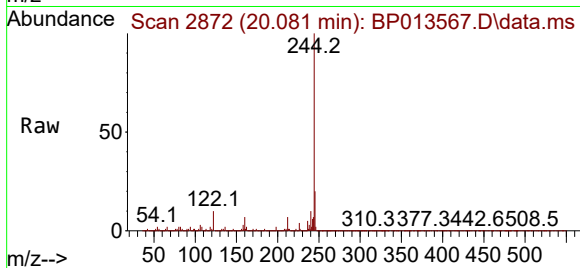
Tgt Ion:244 Resp: 3981907

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.210 min Scan# 3574

Delta R.T. -0.006 min

Lab File: BP013567.D

Acq: 24 Jan 2023 12:51

Tgt Ion:264 Resp: 1110971

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 22.1 17.4 26.2

