

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013572.D
 Acq On : 24 Jan 2023 15:50
 Operator : CG/JU
 Sample : PB150378BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150378BL

Quant Time: Jan 25 03:48:39 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)

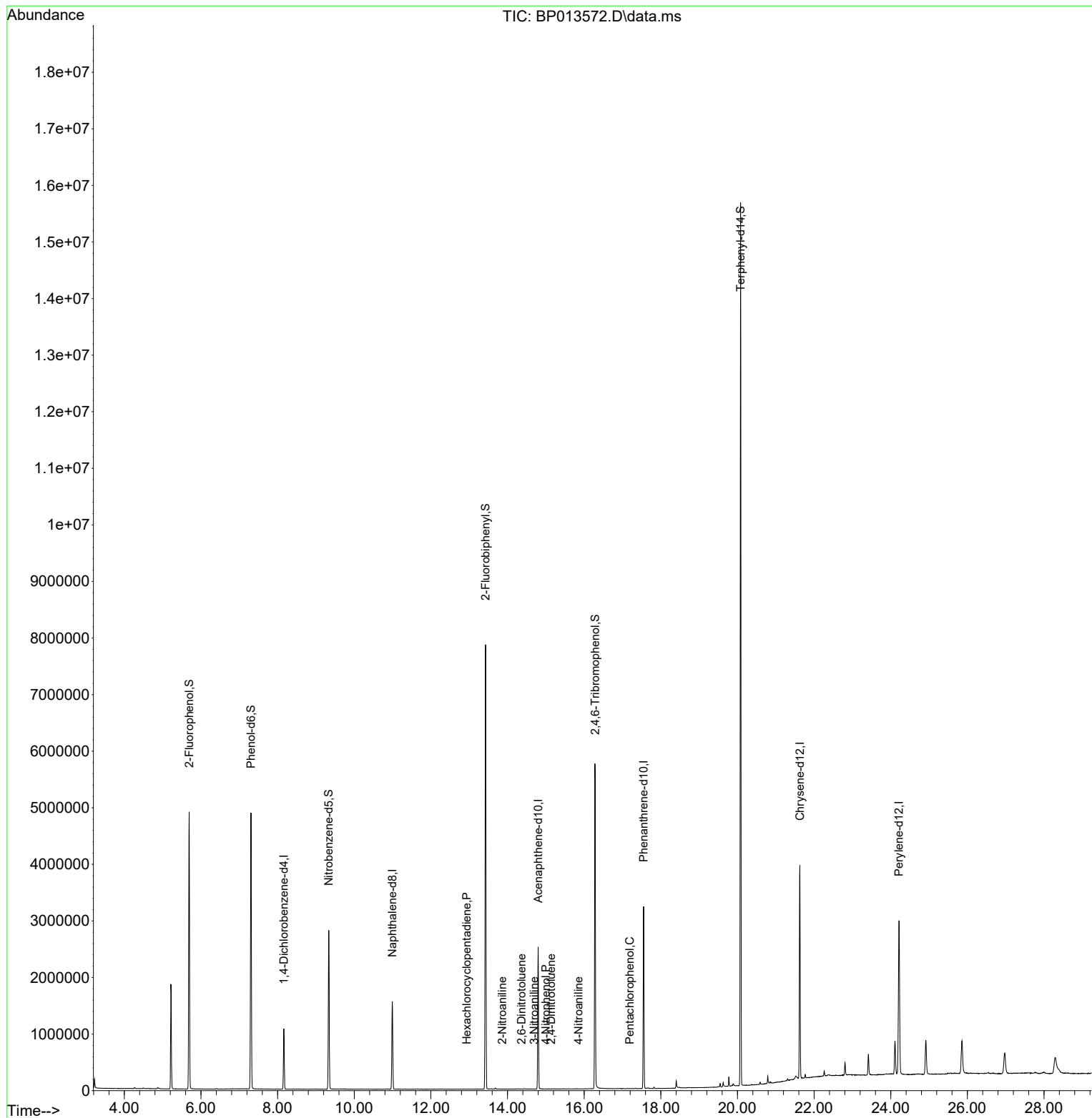
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	291029	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1295644	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	837908	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1910080	20.000	ng	0.00
76) Chrysene-d12	21.627	240	1883137	20.000	ng	0.00
86) Perylene-d12	24.216	264	2131871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2167893	127.629	ng	0.00
7) Phenol-d6	7.305	99	2853606	124.825	ng	0.00
23) Nitrobenzene-d5	9.334	82	1547543	78.852	ng	0.00
42) 2,4,6-Tribromophenol	16.287	330	1103809	131.334	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	4129364	67.647	ng	0.00
79) Terphenyl-d14	20.080	244	7359540	70.307	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.934	237	8	3.904	ng	79
48) 2-Nitroaniline	13.863	65	210	6.232	ng	# 43
51) 2,6-Dinitrotoluene	14.369	165	156	5.175	ng	# 83
53) 3-Nitroaniline	14.692	138	202	5.421	ng	# 32
54) 2,4-Dinitrophenol	14.928	184	53	Below Cal		88
56) 4-Nitrophenol	14.998	139	412	5.228	ng	87
57) 2,4-Dinitrotoluene	15.140	165	353	5.215	ng	# 78
62) 4-Nitroaniline	15.851	138	117	3.671	ng	# 1
70) Pentachlorophenol	17.192	266	502	5.360	ng	# 48

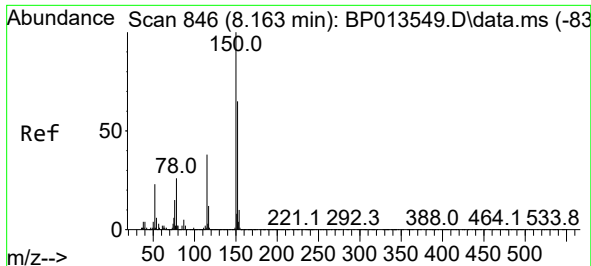
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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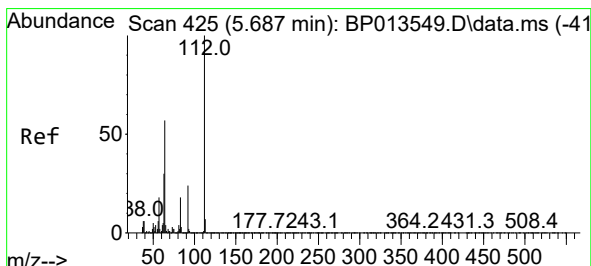
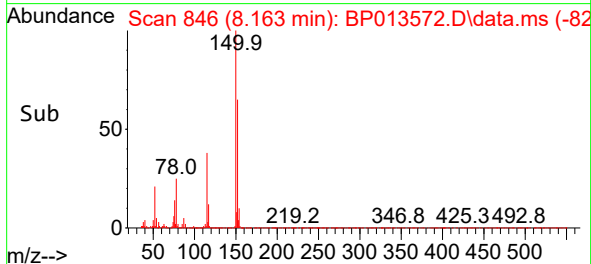
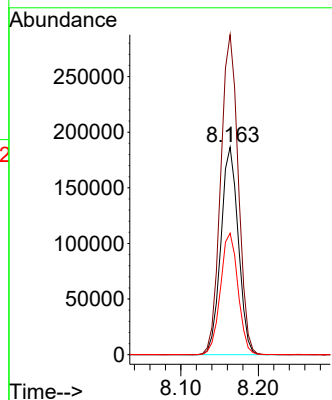
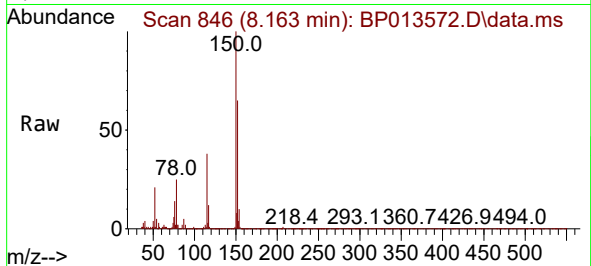




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. -0.001 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

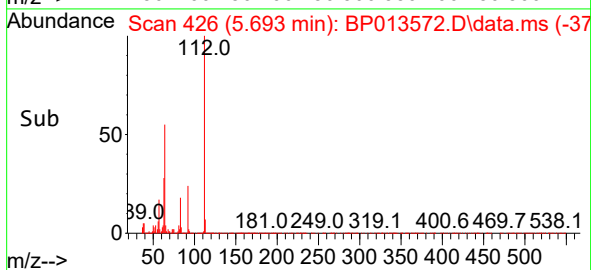
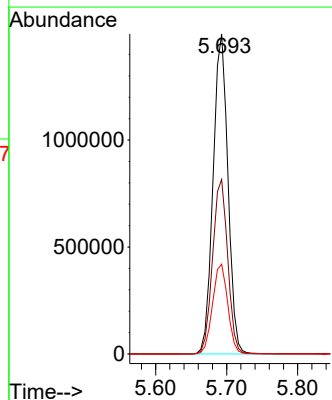
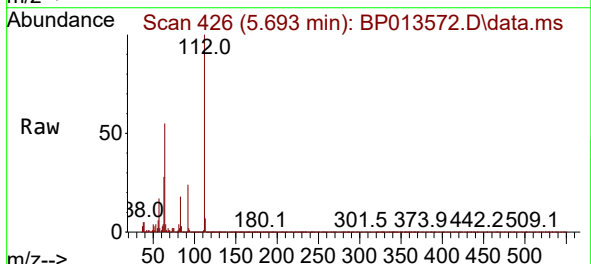
Instrument :
BNA_P
ClientSampleId :
PB150378BL

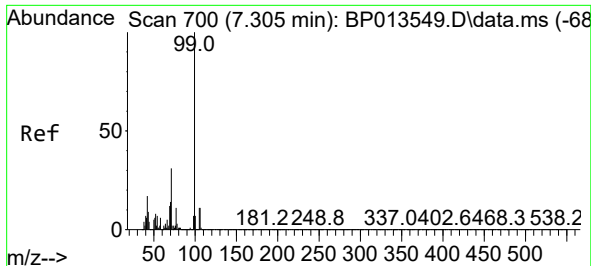
Tgt Ion:152 Resp: 291029
Ion Ratio Lower Upper
152 100
150 154.1 122.4 183.6
115 58.5 46.1 69.1



#5
2-Fluorophenol
Concen: 127.629 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion:112 Resp: 2167893
Ion Ratio Lower Upper
112 100
64 54.5 45.4 68.0
63 28.1 24.1 36.1



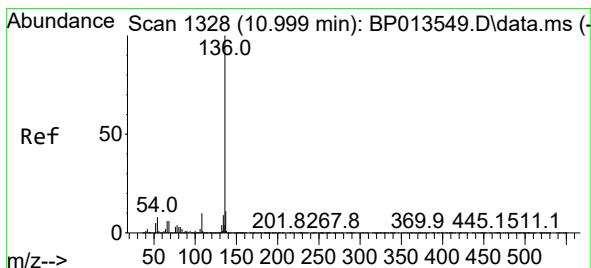
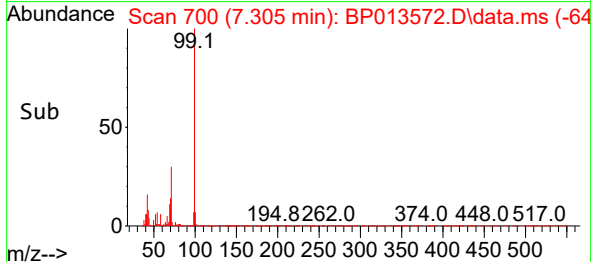
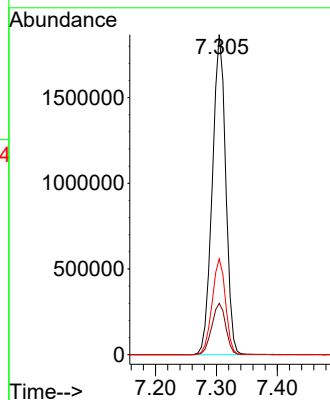
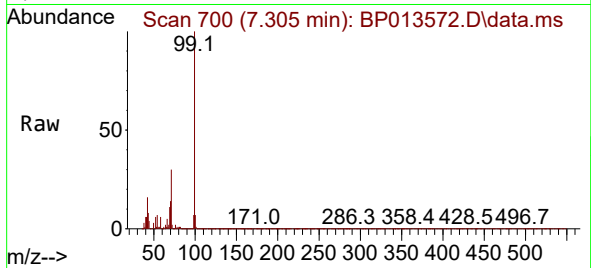


#7
Phenol-d6
Concen: 124.825 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Instrument :
BNA_P
ClientSampleId :
PB150378BL

Tgt Ion: 99 Resp: 2853606

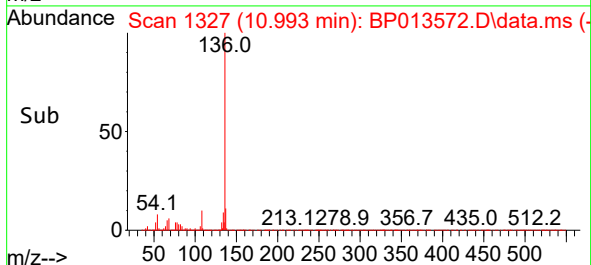
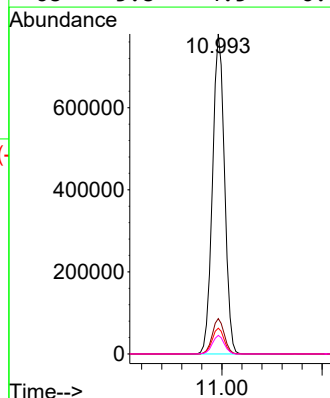
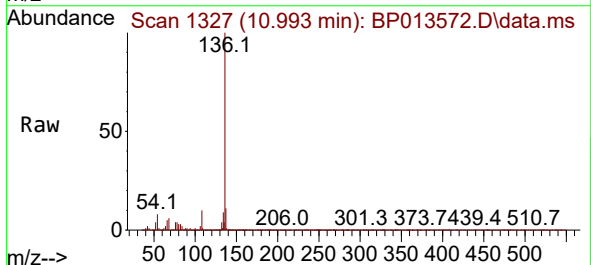
Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.0	21.0
71	29.9	24.7	37.1

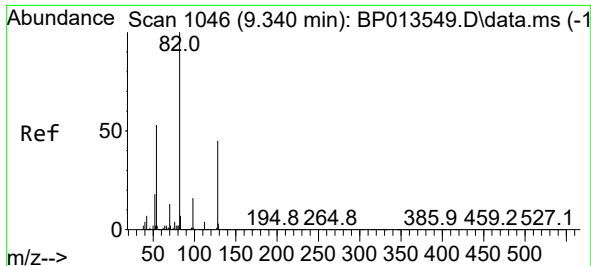


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion: 136 Resp: 1295644

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.0	6.6	9.8
68	5.8	4.5	6.7

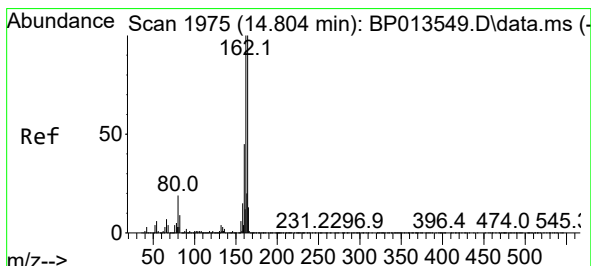
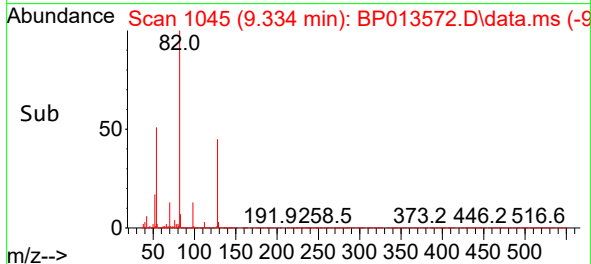
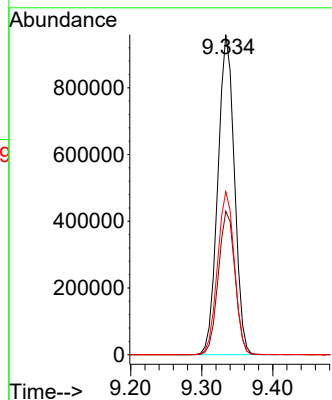
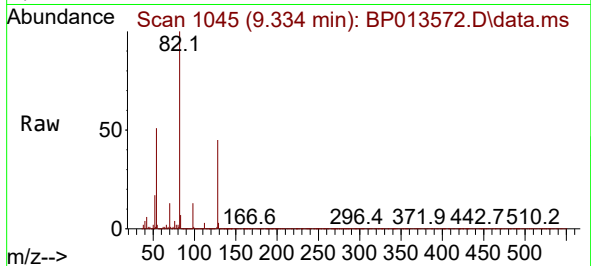




#23
Nitrobenzene-d5
Concen: 78.852 ng
RT: 9.334 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

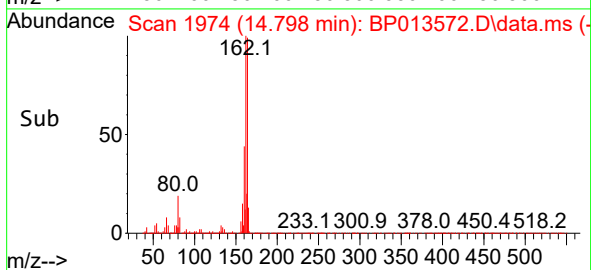
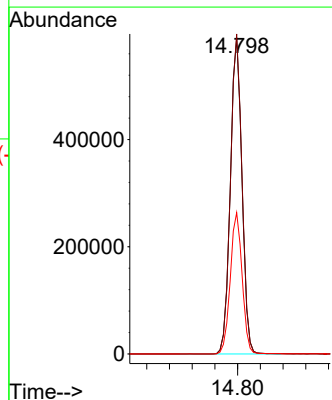
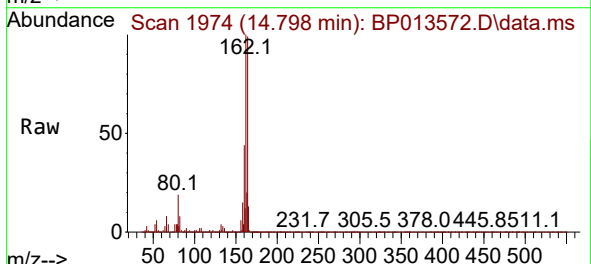
Instrument :
BNA_P
ClientSampleId :
PB150378BL

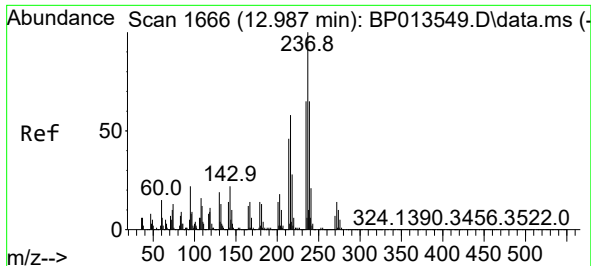
Tgt Ion: 82 Resp: 1547543
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 50.9 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion: 164 Resp: 837908
Ion Ratio Lower Upper
164 100
162 101.1 80.1 120.1
160 44.7 35.9 53.9

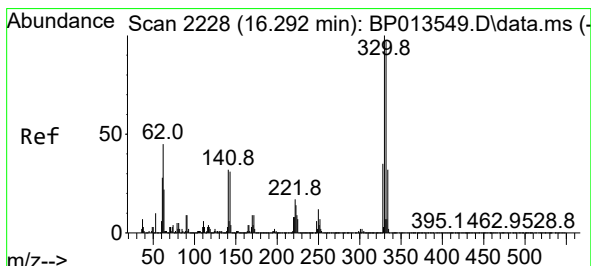
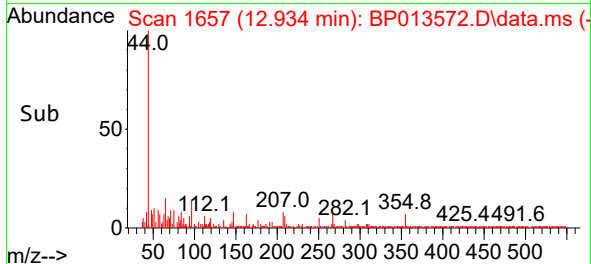
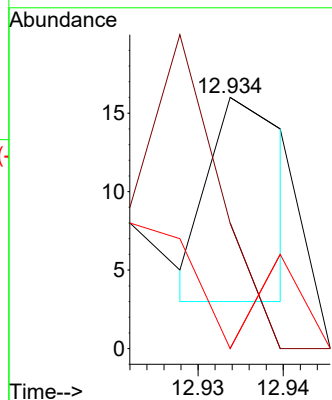
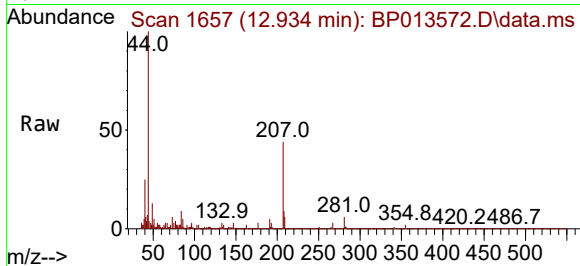




#41
Hexachlorocyclopentadiene
Concen: 3.904 ng
RT: 12.934 min Scan# 1657
Delta R.T. -0.047 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

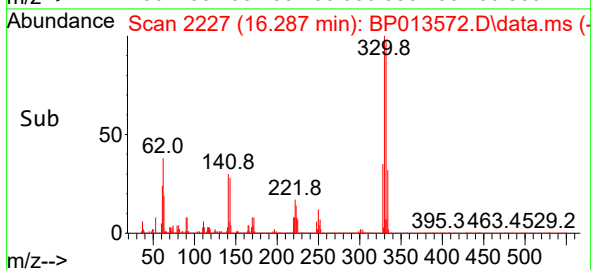
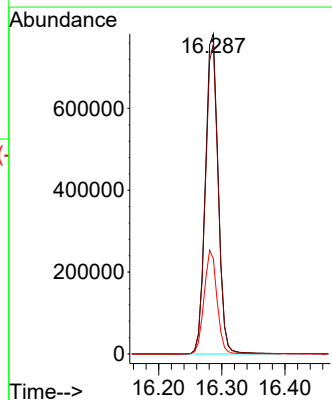
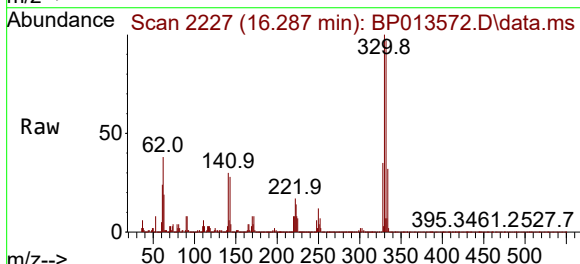
Instrument :
BNA_P
ClientSampleId :
PB150378BL

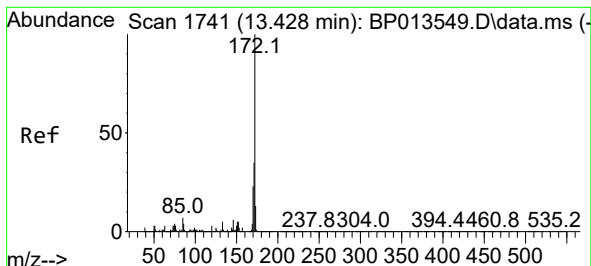
Tgt Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	50.0	44.6	84.6
272	0.0	0.0	33.9



#42
2,4,6-Tribromophenol
Concen: 131.334 ng
RT: 16.287 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion:	330	Resp:	1103809
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	32.7	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 67.647 ng

RT: 13.428 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

Instrument :

BNA_P

ClientSampleId :

PB150378BL

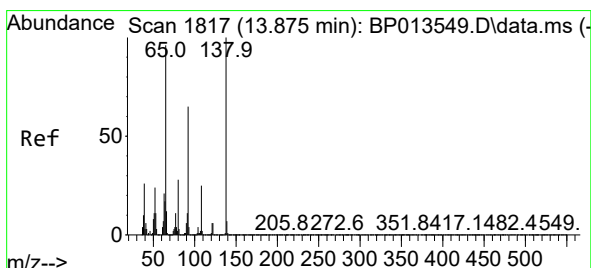
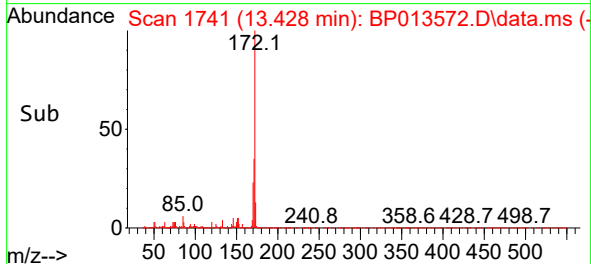
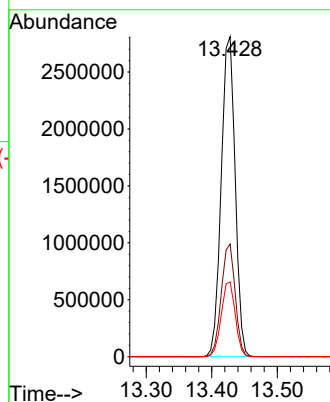
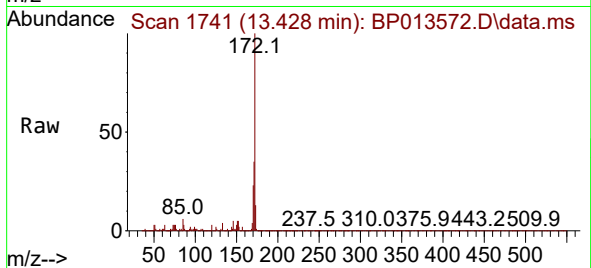
Tgt Ion:172 Resp: 4129364

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.4 18.6 27.8



#48

2-Nitroaniline

Concen: 6.232 ng

RT: 13.863 min Scan# 1815

Delta R.T. -0.012 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

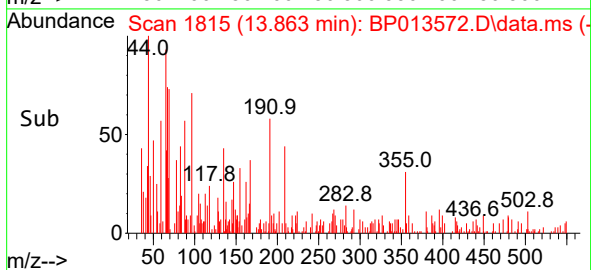
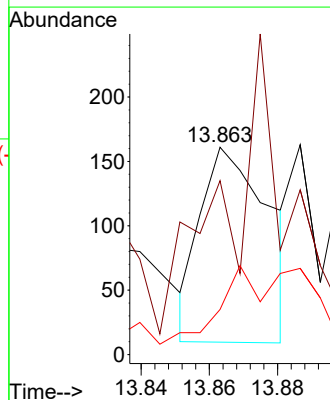
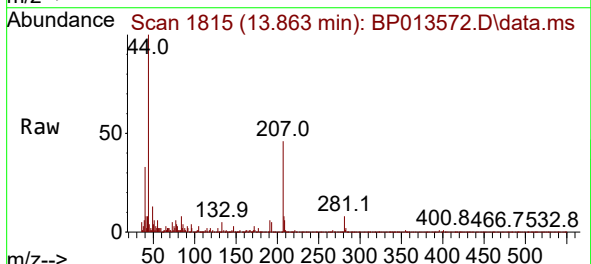
Tgt Ion: 65 Resp: 210

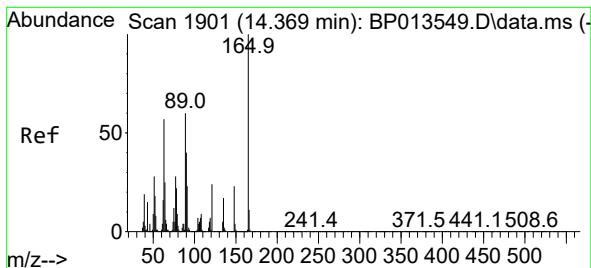
Ion Ratio Lower Upper

65 100

92 83.9 54.1 81.1#

138 21.7 83.6 125.4#

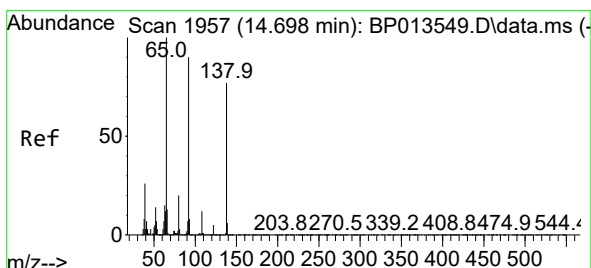
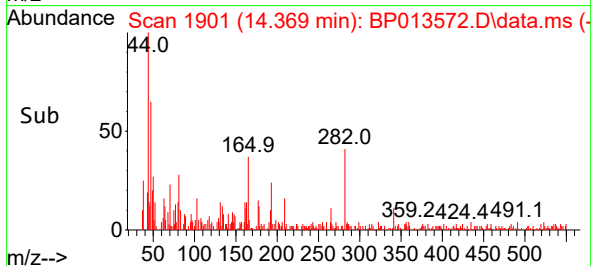
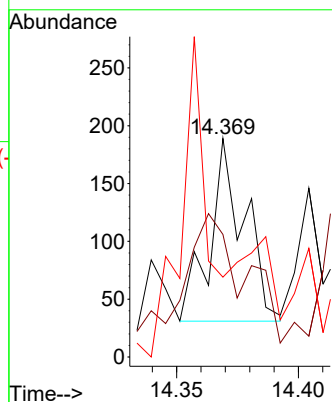
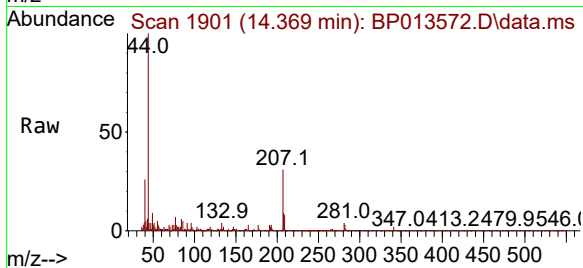




#51
2,6-Dinitrotoluene
Concen: 5.175 ng
RT: 14.369 min Scan# 1901
Delta R.T. 0.006 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

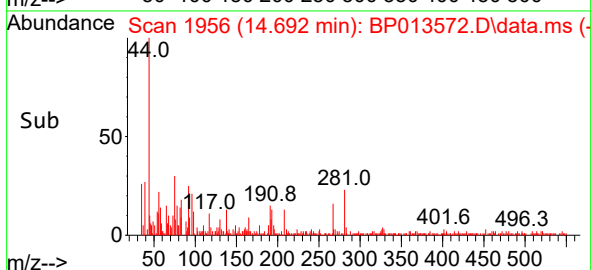
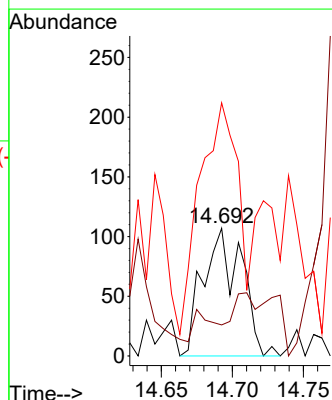
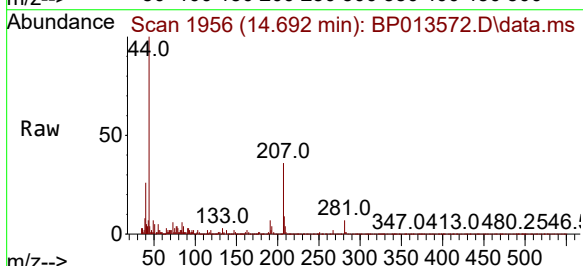
Instrument :
BNA_P
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PB150378BL

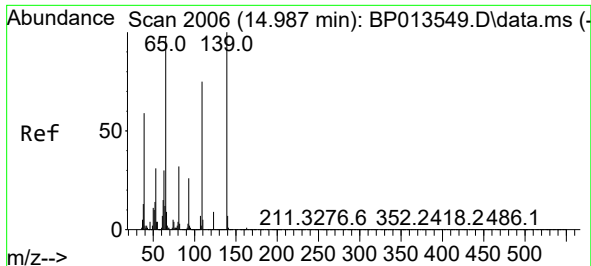
Tgt Ion:165 Resp: 156
Ion Ratio Lower Upper
165 100
63 56.1 47.2 70.8
89 36.5 47.8 71.6#



#53
3-Nitroaniline
Concen: 5.421 ng
RT: 14.692 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion:138 Resp: 202
Ion Ratio Lower Upper
138 100
108 24.3 12.8 19.2#
92 198.1 93.3 139.9#

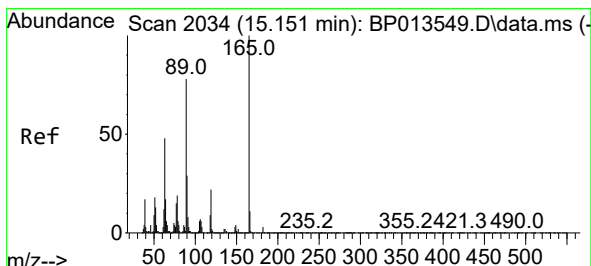
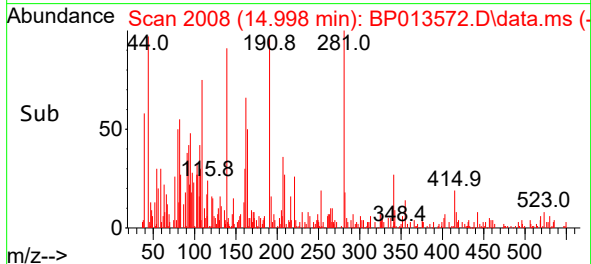
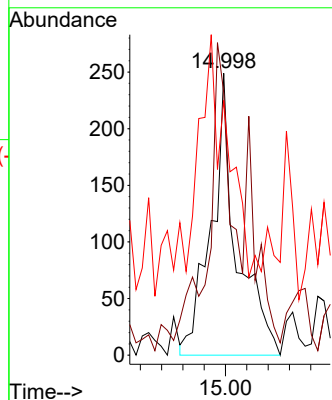
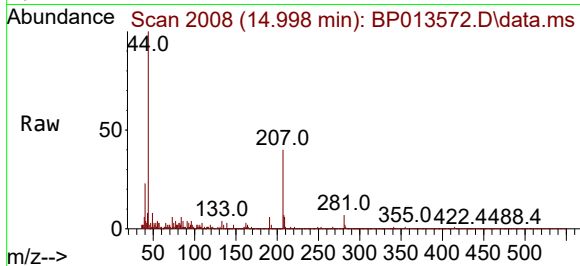




#56
4-Nitrophenol
Concen: 5.228 ng
RT: 14.998 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

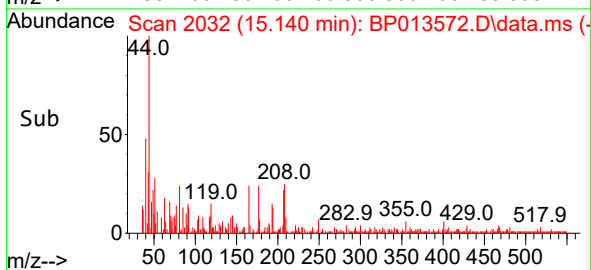
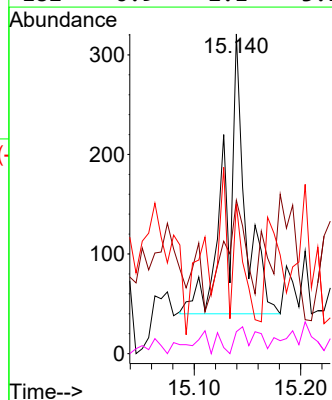
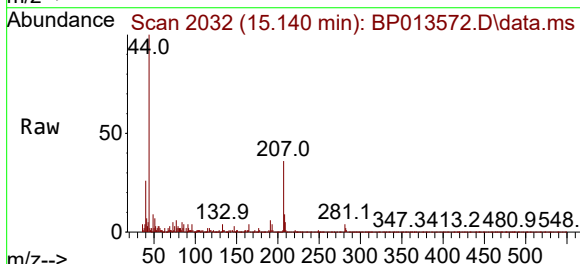
Instrument :
BNA_P
ClientSampleId :
PB150378BL

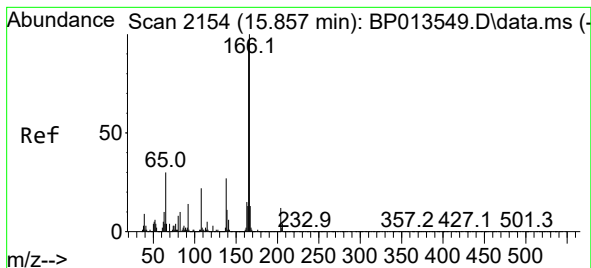
Tgt Ion:139 Resp: 412
Ion Ratio Lower Upper
139 100
109 93.2 55.0 95.0
65 90.4 77.7 117.7



#57
2,4-Dinitrotoluene
Concen: 5.215 ng
RT: 15.140 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP013572.D
Acq: 24 Jan 2023 15:50

Tgt Ion:165 Resp: 353
Ion Ratio Lower Upper
165 100
63 48.0 38.3 57.5
89 46.7 62.1 93.1#
182 6.9 2.1 3.1#





#62

4-Nitroaniline

Concen: 3.671 ng

RT: 15.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

Instrument :

BNA_P

ClientSampleId :

PB150378BL

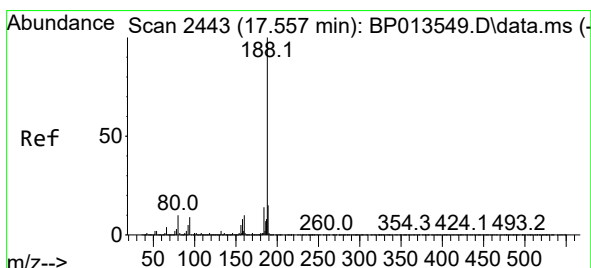
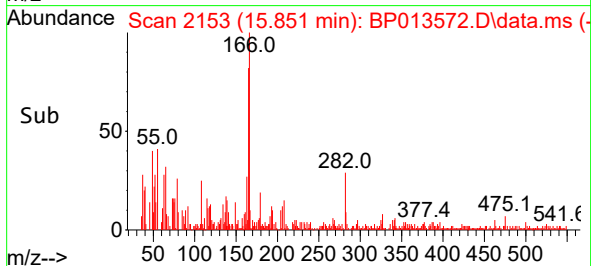
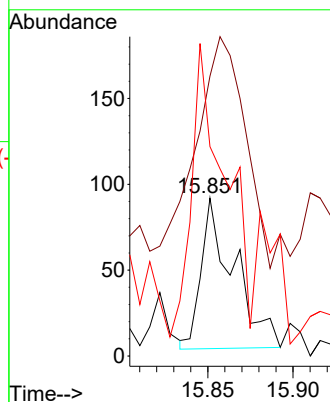
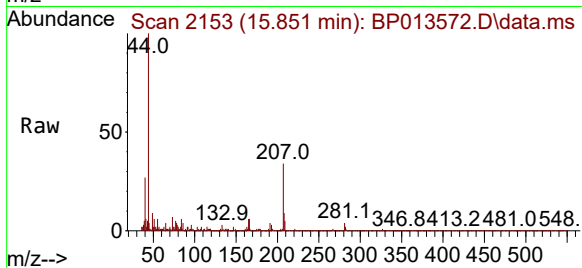
Tgt Ion:138 Resp: 117

Ion Ratio Lower Upper

138 100

92 177.2 32.3 72.3#

108 132.6 59.2 99.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.551 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

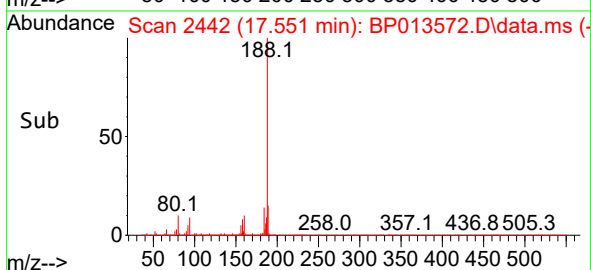
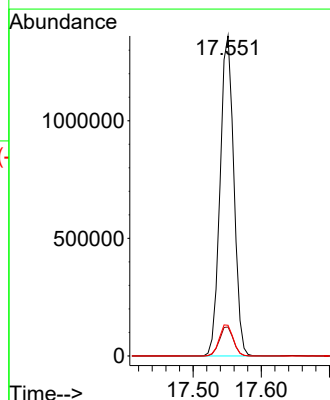
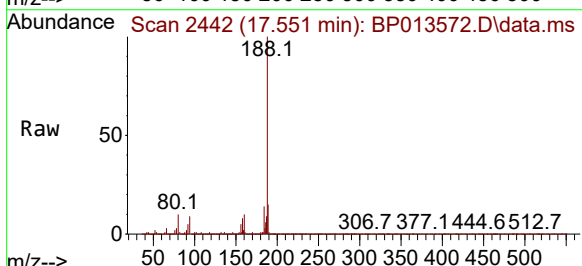
Tgt Ion:188 Resp: 1910080

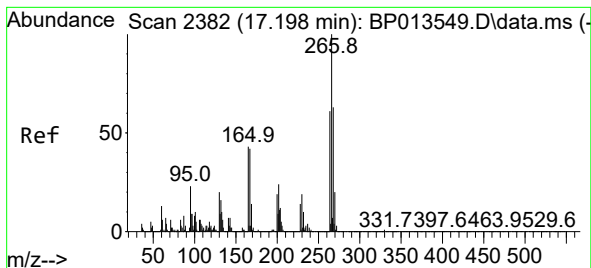
Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 9.6 8.2 12.2





#70

Pentachlorophenol

Concen: 5.360 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

Instrument :

BNA_P

ClientSampleId :

PB150378BL

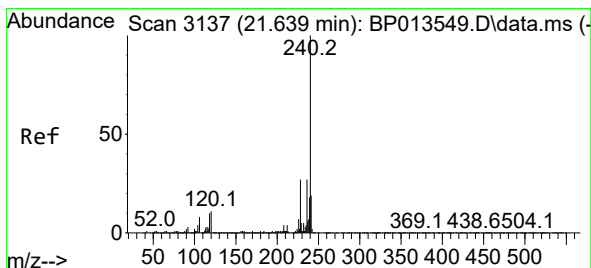
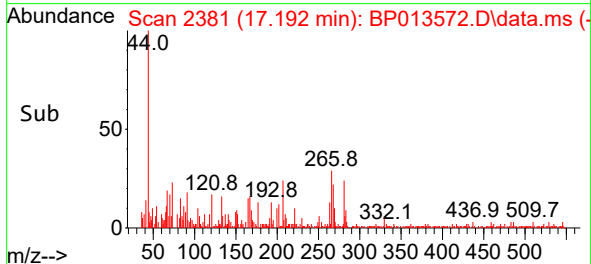
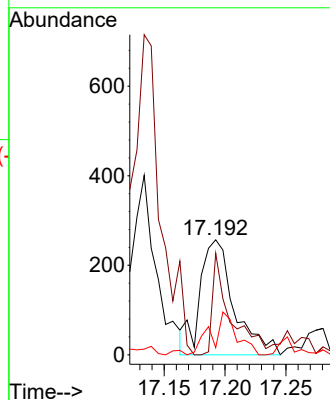
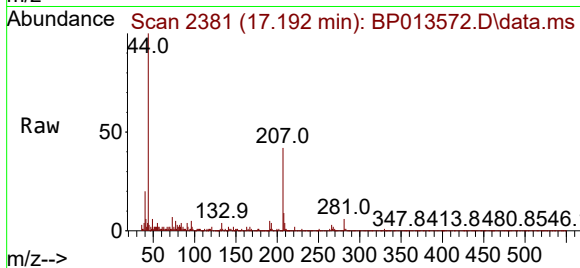
Tgt Ion:266 Resp: 502

Ion Ratio Lower Upper

266 100

268 88.3 50.7 76.1#

264 6.2 48.9 73.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

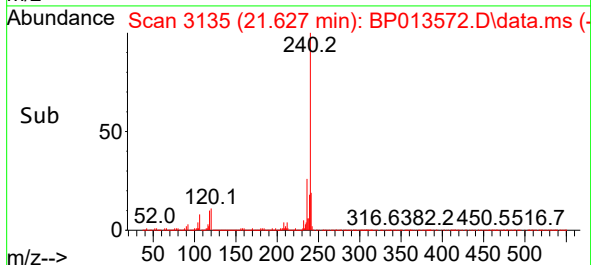
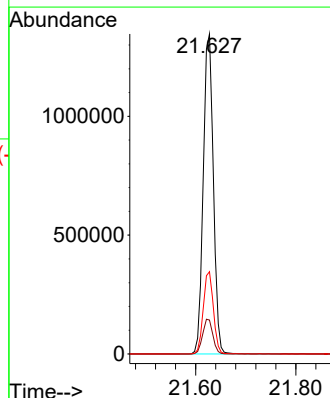
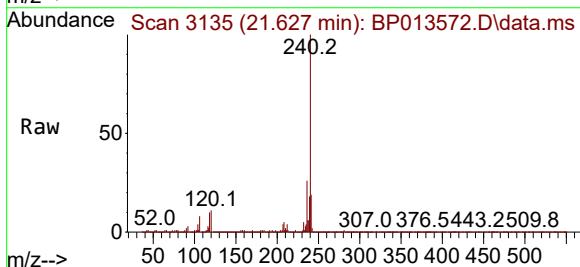
Tgt Ion:240 Resp: 1883137

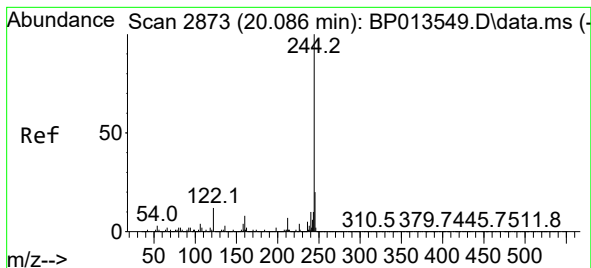
Ion Ratio Lower Upper

240 100

120 10.6 8.6 13.0

236 25.7 21.3 31.9





#79

Terphenyl-d14

Concen: 70.307 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

Instrument :

BNA_P

ClientSampleId :

PB150378BL

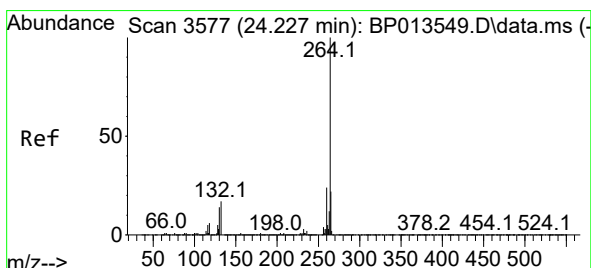
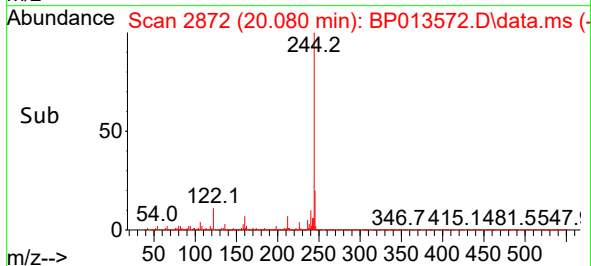
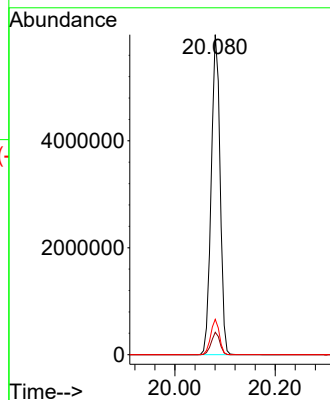
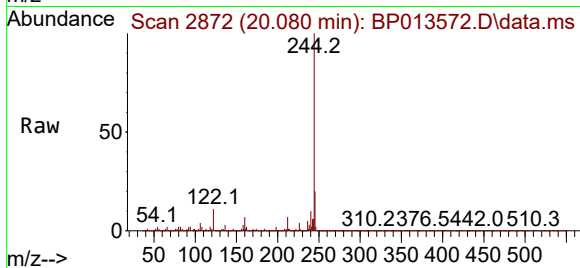
Tgt Ion:244 Resp: 7359540

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.216 min Scan# 3575

Delta R.T. -0.000 min

Lab File: BP013572.D

Acq: 24 Jan 2023 15:50

Tgt Ion:264 Resp: 2131871

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.4 17.4 26.2

