

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
 Data File : BP013555.D
 Acq On : 23 Jan 2023 19:48
 Operator : CG/JU
 Sample : PB150341BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150341BL

Quant Time: Jan 24 05:48:25 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)

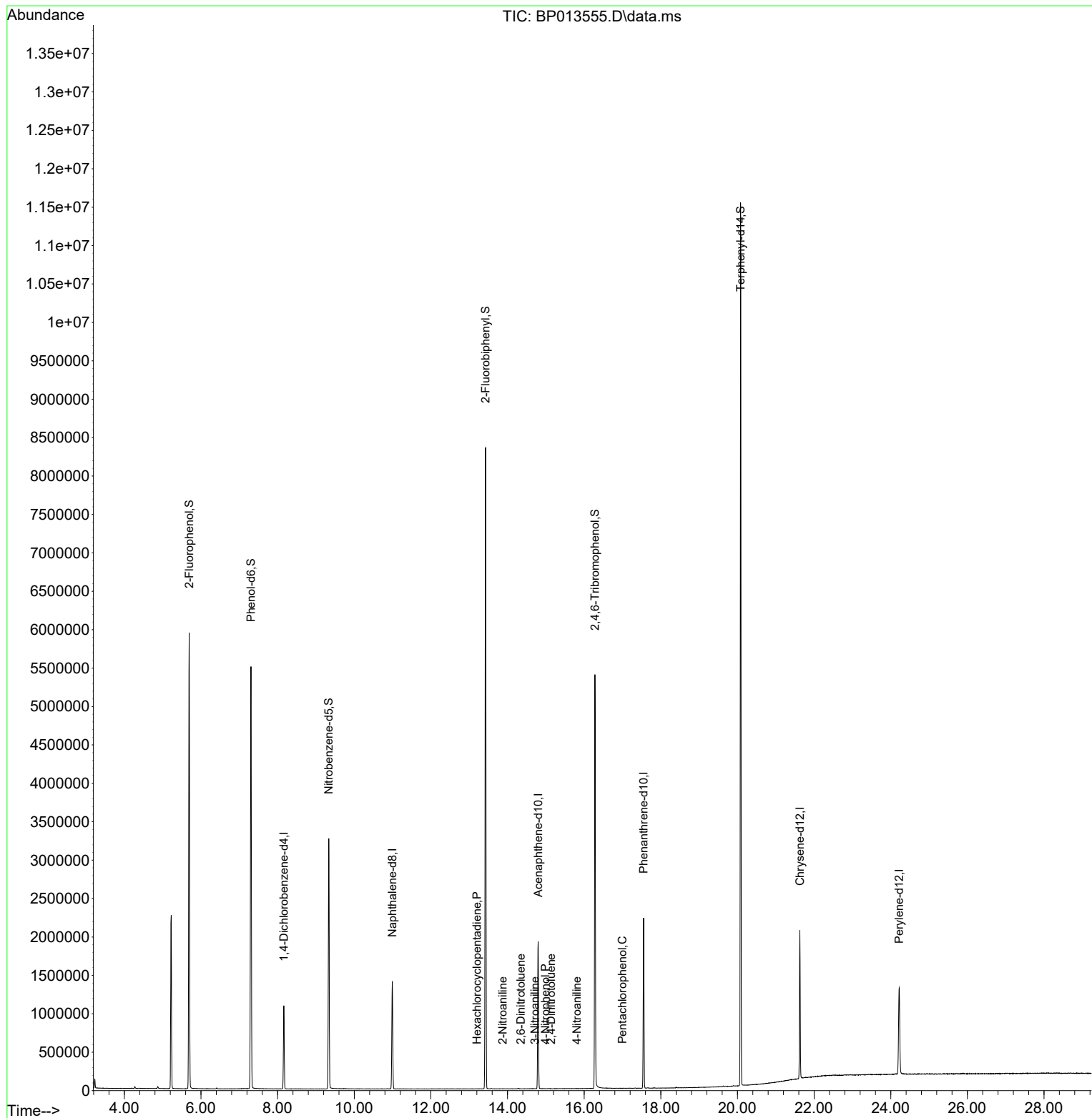
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	295155	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1162382	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	648019	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1289531	20.000	ng	0.00
76) Chrysene-d12	21.627	240	905499	20.000	ng	-0.01
86) Perylene-d12	24.221	264	898574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2579056	149.713	ng	0.00
7) Phenol-d6	7.305	99	3247928	140.088	ng	0.00
23) Nitrobenzene-d5	9.334	82	1732320	98.386	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	972907	149.680	ng	-0.01
45) 2-Fluorobiphenyl	13.428	172	4366331	92.489	ng	0.00
79) Terphenyl-d14	20.080	244	5409294	107.469	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	13.198	237	8	3.904	ng	81
48) 2-Nitroaniline	13.875	65	92	6.226	ng	# 18
51) 2,6-Dinitrotoluene	14.345	165	150	5.178	ng	# 70
53) 3-Nitroaniline	14.710	138	6	5.408	ng	# 29
54) 2,4-Dinitrophenol	14.898	184	25	Below Cal		# 1
56) 4-Nitrophenol	14.987	139	17	5.194	ng	# 59
57) 2,4-Dinitrotoluene	15.134	165	32	5.196	ng	# 51
62) 4-Nitroaniline	15.810	138	43	3.667	ng	84
70) Pentachlorophenol	16.998	266	17	5.330	ng	91

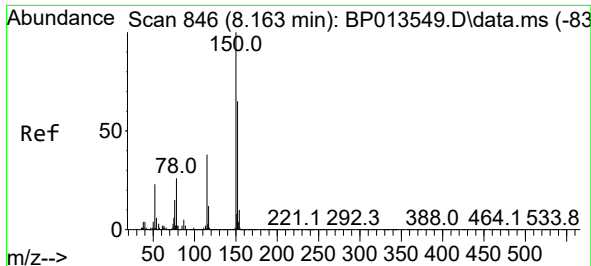
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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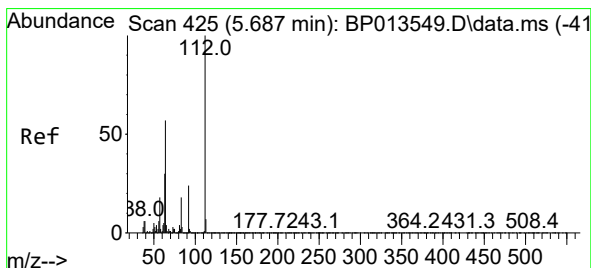
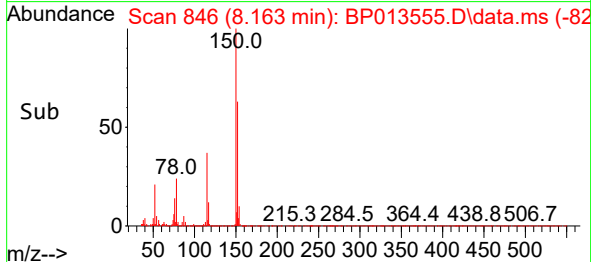
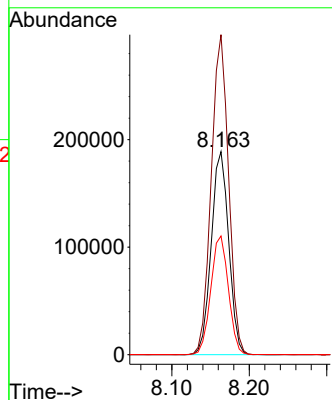
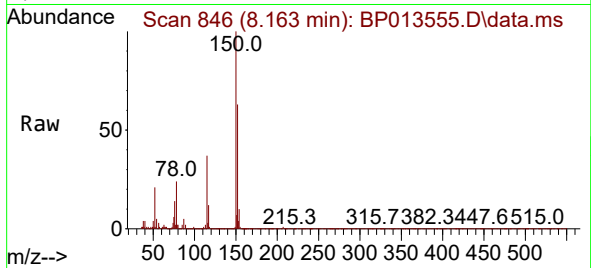




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

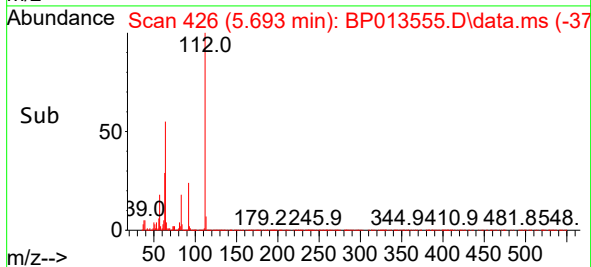
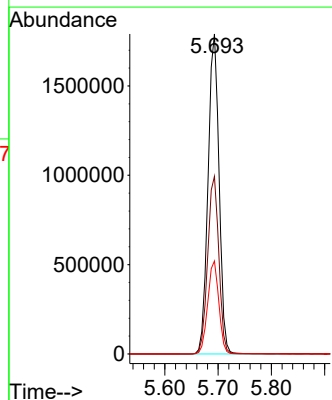
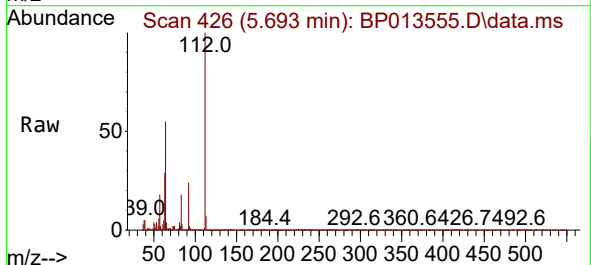
Instrument :
BNA_P
ClientSampleId :
PB150341BL

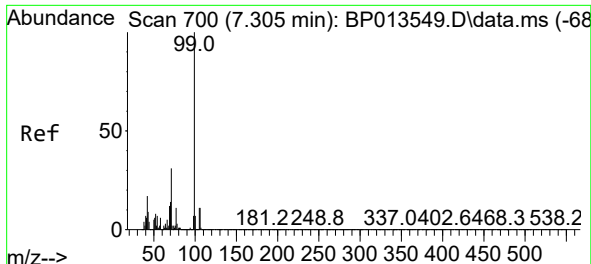
Tgt Ion:152 Resp: 295155
Ion Ratio Lower Upper
152 100
150 157.6 122.4 183.6
115 58.4 46.1 69.1



#5
2-Fluorophenol
Concen: 149.713 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

Tgt Ion:112 Resp: 2579056
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.0
63 29.0 24.1 36.1



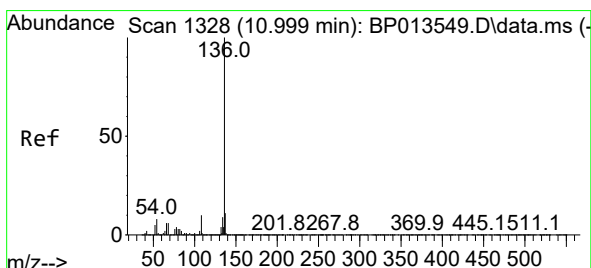
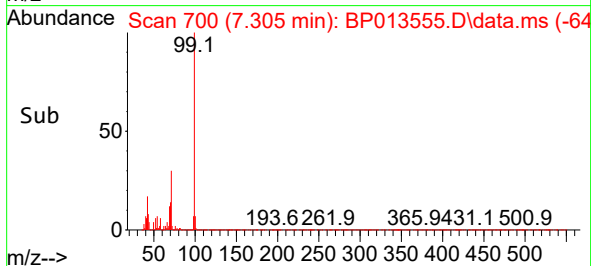
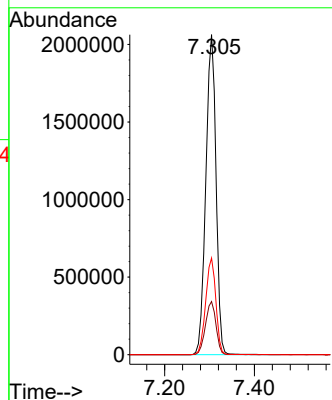
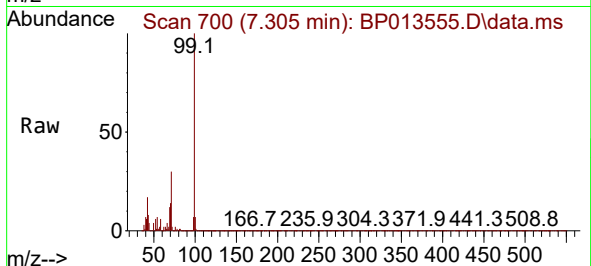


#7
Phenol-d6
Concen: 140.088 ng
RT: 7.305 min Scan# 700
Delta R.T. 0.000 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

Instrument :
BNA_P
ClientSampleId :
PB150341BL

Tgt Ion: 99 Resp: 3247928

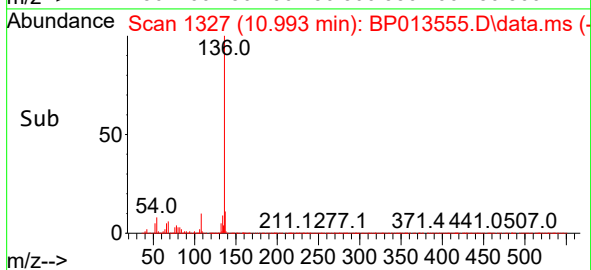
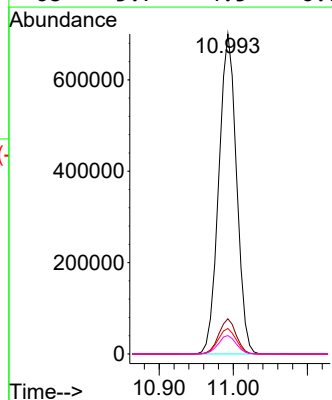
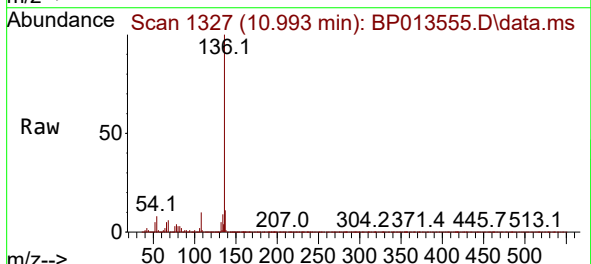
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.0	21.0
71	30.2	24.7	37.1

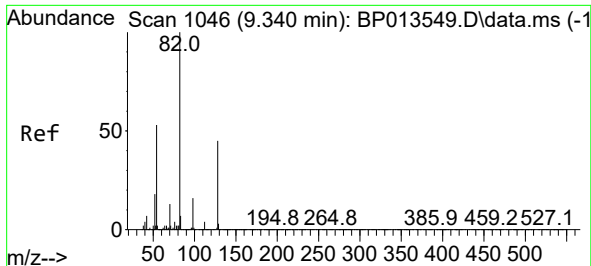


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

Tgt Ion: 136 Resp: 1162382

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.0	6.6	9.8
68	5.7	4.5	6.7

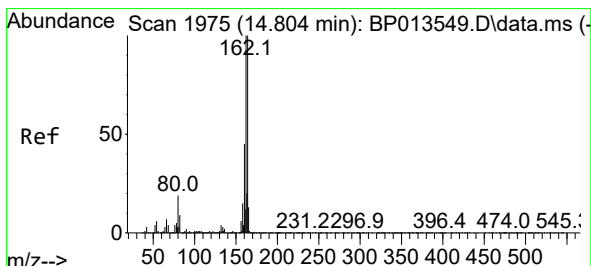
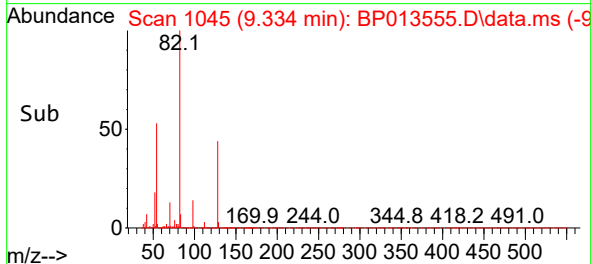
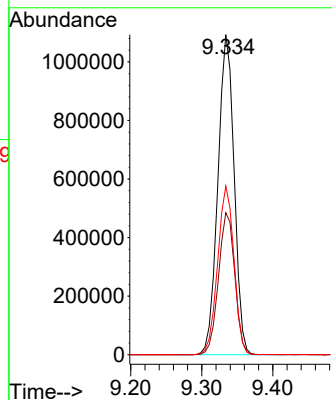
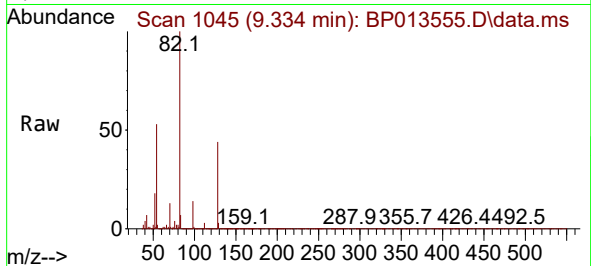




#23
 Nitrobenzene-d5
 Concen: 98.386 ng
 RT: 9.334 min Scan# 1045
 Delta R.T. -0.006 min
 Lab File: BP013555.D
 Acq: 23 Jan 2023 19:48

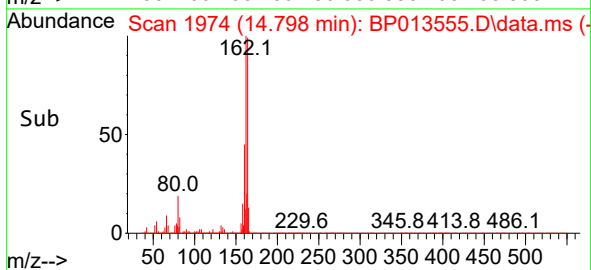
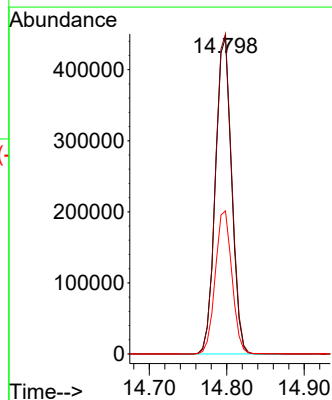
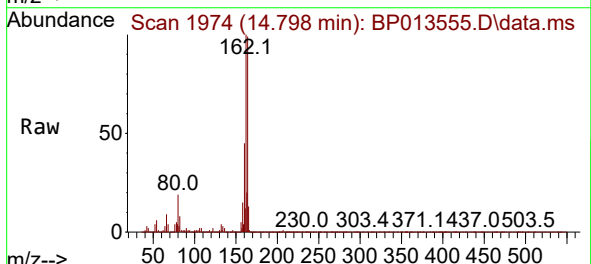
Instrument :
 BNA_P
 ClientSampleId :
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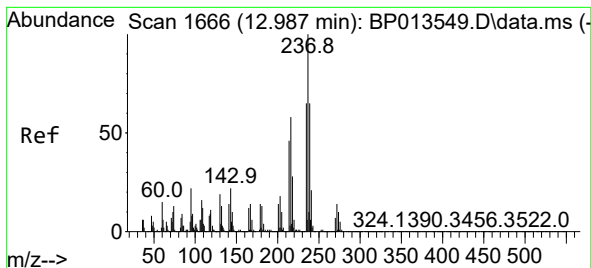
Tgt Ion: 82 Resp: 1732320
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.8 53.6
 54 52.7 42.6 64.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.798 min Scan# 1974
 Delta R.T. -0.006 min
 Lab File: BP013555.D
 Acq: 23 Jan 2023 19:48

Tgt Ion: 164 Resp: 648019
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.1 120.1
 160 45.2 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.904 ng

RT: 13.198 min Scan# 1

Delta R.T. 0.211 min

Lab File: BP013555.D

Acq: 23 Jan 2023 19:48

Instrument :

BNA_P

ClientSampleId :

PB150341BL

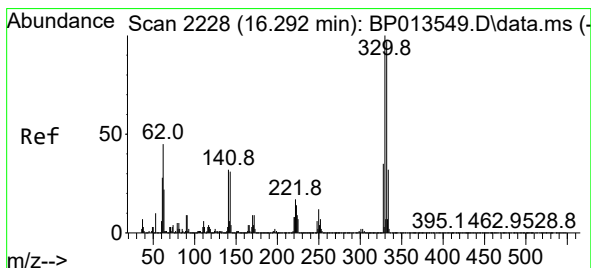
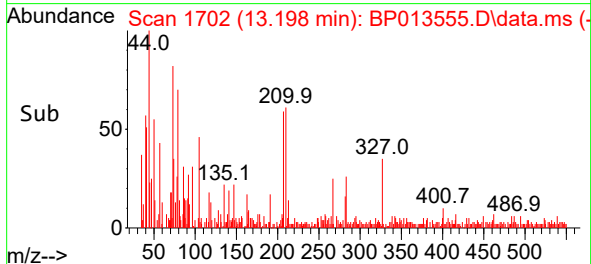
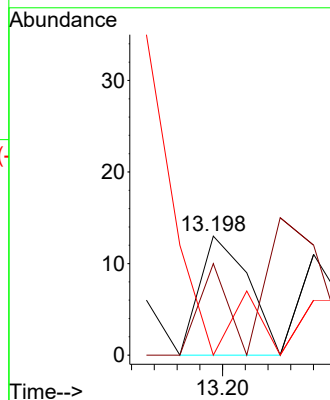
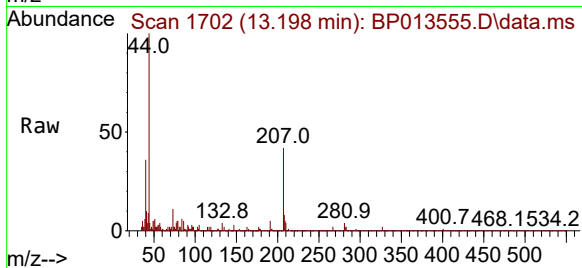
Tgt Ion:237 Resp: 8

Ion Ratio Lower Upper

237 100

235 76.9 44.6 84.6

272 0.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 149.680 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.011 min

Lab File: BP013555.D

Acq: 23 Jan 2023 19:48

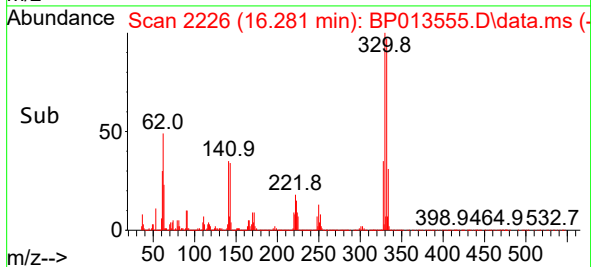
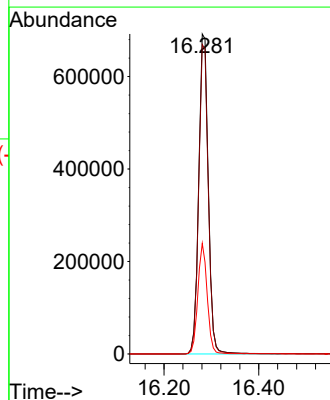
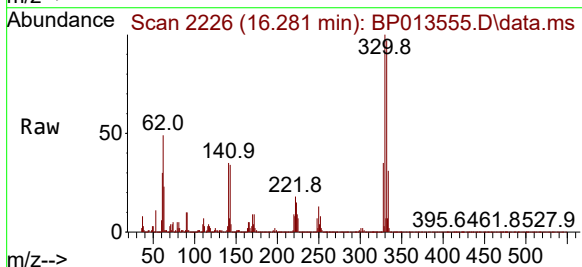
Tgt Ion:330 Resp: 972907

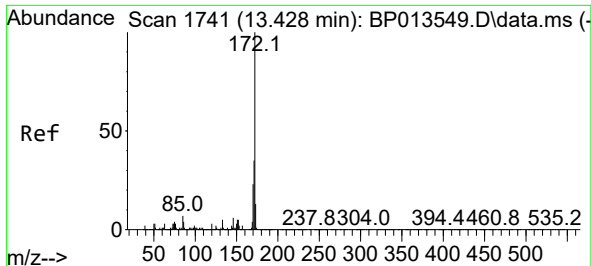
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 33.7 27.6 41.4

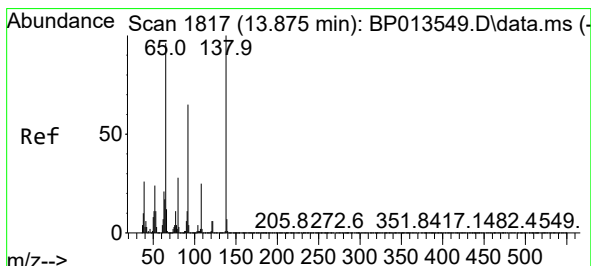
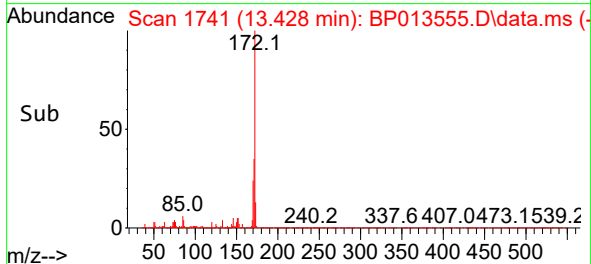
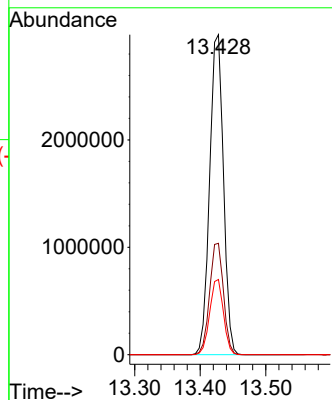
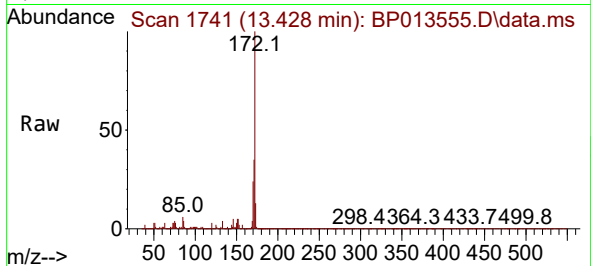




#45
2-Fluorobiphenyl
Concen: 92.489 ng
RT: 13.428 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

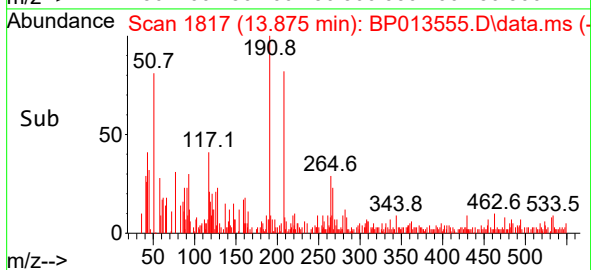
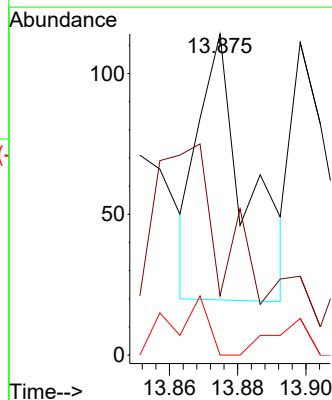
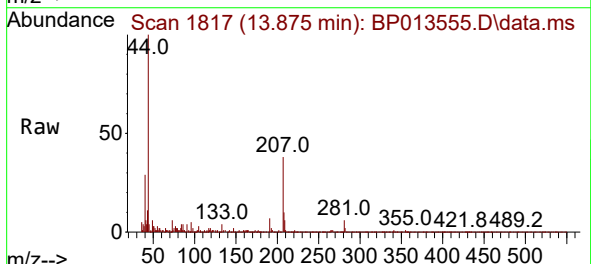
Instrument :
BNA_P
ClientSampleId :
PB150341BL

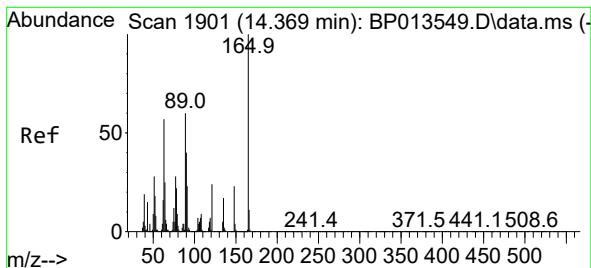
Tgt Ion:172 Resp: 4366331
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.5 18.6 27.8



#48
2-Nitroaniline
Concen: 6.226 ng
RT: 13.875 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

Tgt Ion: 65 Resp: 92
Ion Ratio Lower Upper
65 100
92 18.4 54.1 81.1#
138 6.1 83.6 125.4#





#51

2,6-Dinitrotoluene

Concen: 5.178 ng

RT: 14.345 min Scan# 1897

Delta R.T. -0.024 min

Lab File: BP013555.D

Acq: 23 Jan 2023 19:48

Instrument :

BNA_P

ClientSampleId :

PB150341BL

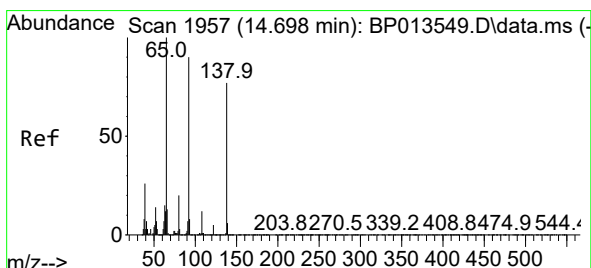
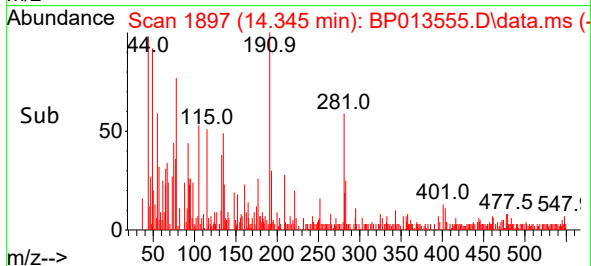
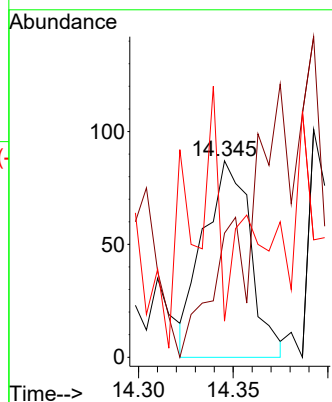
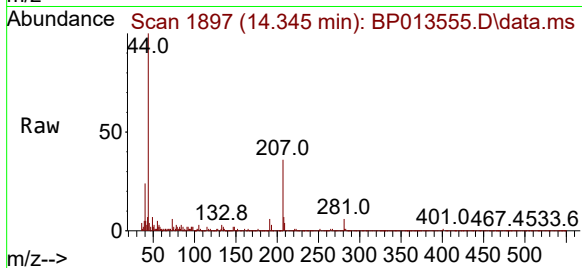
Tgt Ion:165 Resp: 150

Ion Ratio Lower Upper

165 100

63 63.2 47.2 70.8

89 18.4 47.8 71.6#



#53

3-Nitroaniline

Concen: 5.408 ng

RT: 14.710 min Scan# 1959

Delta R.T. 0.012 min

Lab File: BP013555.D

Acq: 23 Jan 2023 19:48

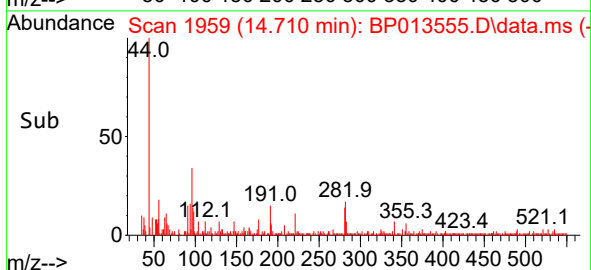
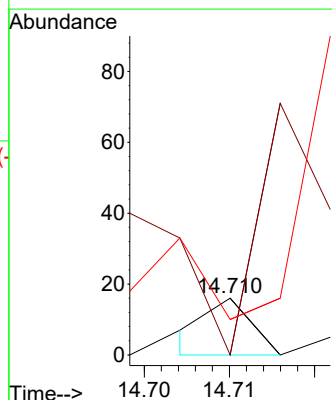
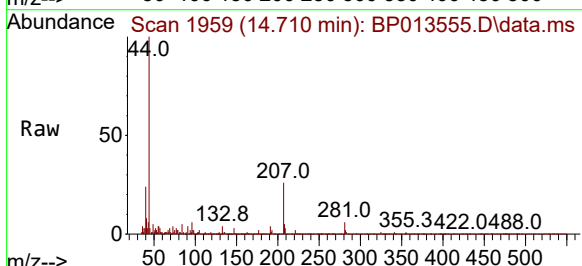
Tgt Ion:138 Resp: 6

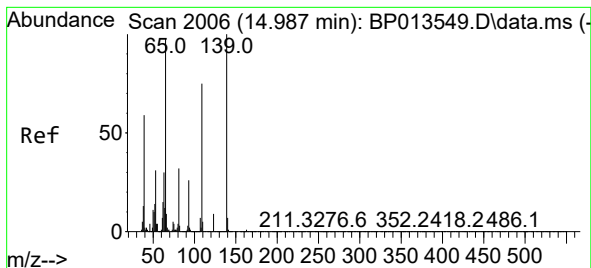
Ion Ratio Lower Upper

138 100

108 112.5 12.8 19.2#

92 62.5 93.3 139.9#

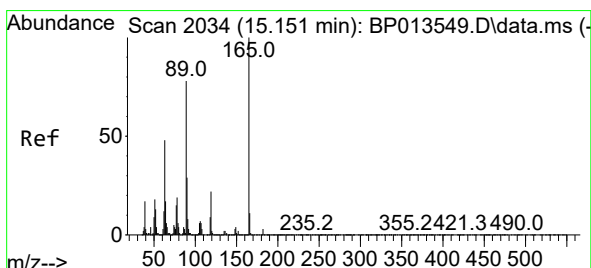
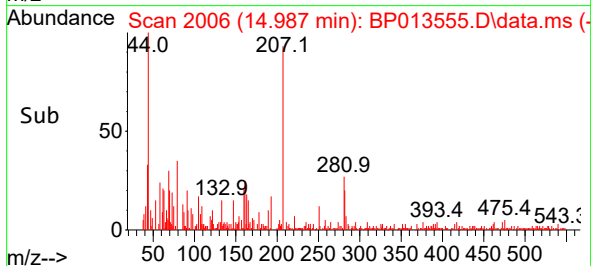
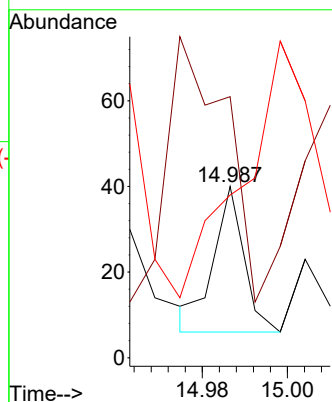
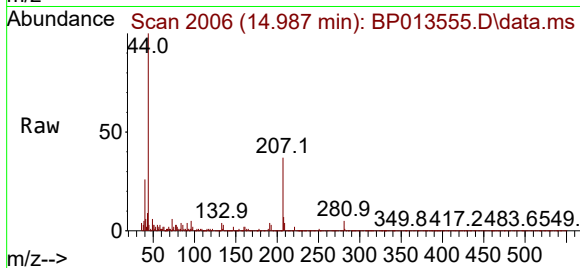




#56
4-Nitrophenol
Concen: 5.194 ng
RT: 14.987 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

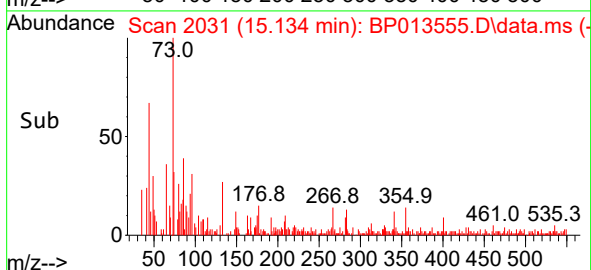
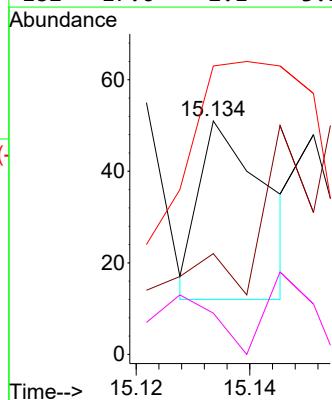
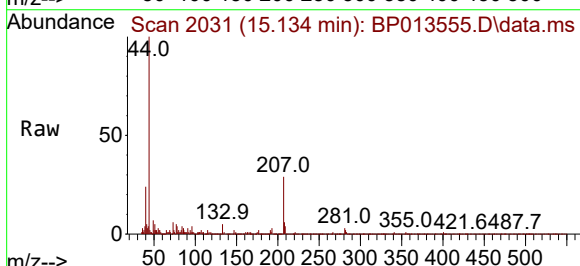
Instrument :
BNA_P
ClientSampleId :
PB150341BL

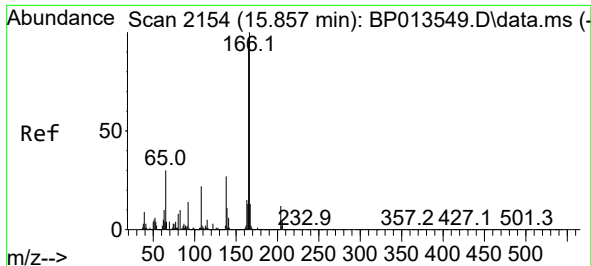
Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 152.5 55.0 95.0#
65 95.0 77.7 117.7



#57
2,4-Dinitrotoluene
Concen: 5.196 ng
RT: 15.134 min Scan# 2031
Delta R.T. -0.017 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

Tgt Ion:165 Resp: 32
Ion Ratio Lower Upper
165 100
63 76.5 38.3 57.5#
89 123.5 62.1 93.1#
182 17.6 2.1 3.1#

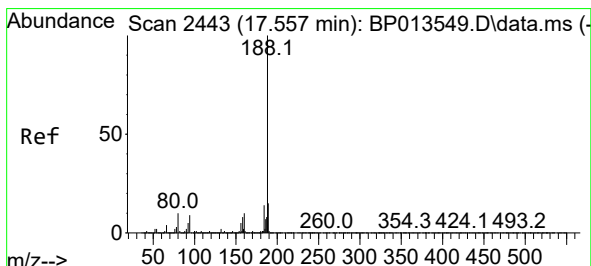
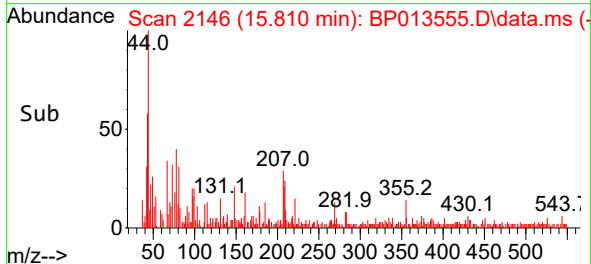
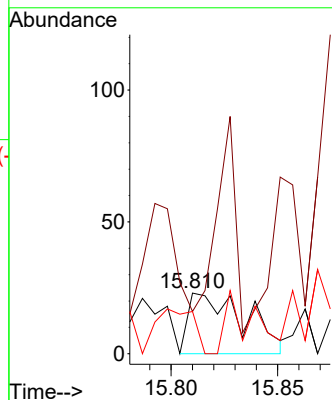
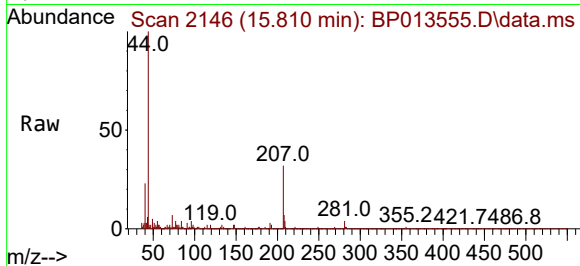




#62
4-Nitroaniline
Concen: 3.667 ng
RT: 15.810 min Scan# 2154
Delta R.T. -0.047 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

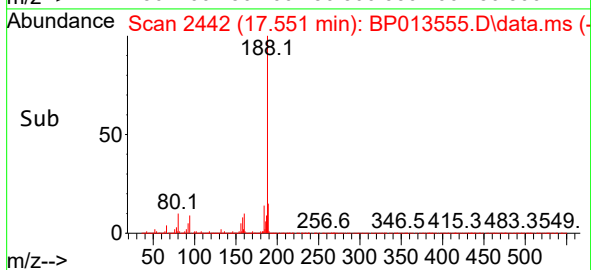
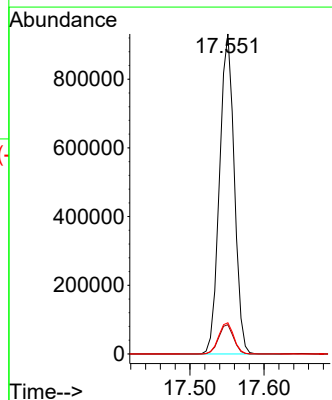
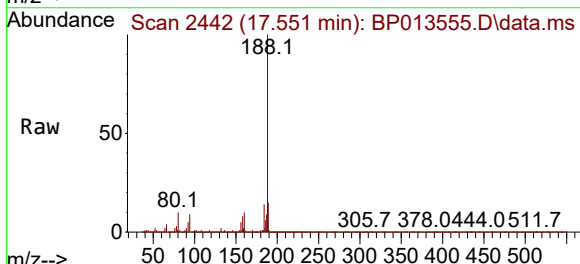
Instrument :
BNA_P
ClientSampleId :
PB150341BL

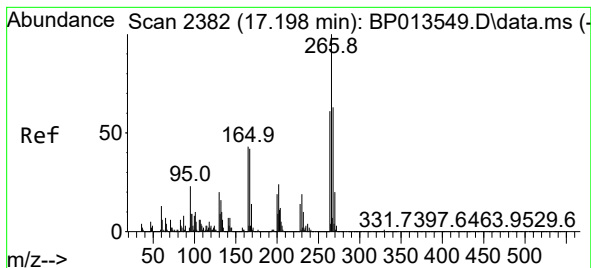
Tgt Ion:138 Resp: 43
Ion Ratio Lower Upper
138 100
92 69.6 32.3 72.3
108 69.6 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.551 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP013555.D
Acq: 23 Jan 2023 19:48

Tgt Ion:188 Resp: 1289531
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.7 8.2 12.2





#70

Pentachlorophenol

Concen: 5.330 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.200 min

Lab File: BP013555.D

Acq: 23 Jan 2023 19:48

Instrument :

BNA_P

ClientSampleId :

PB150341BL

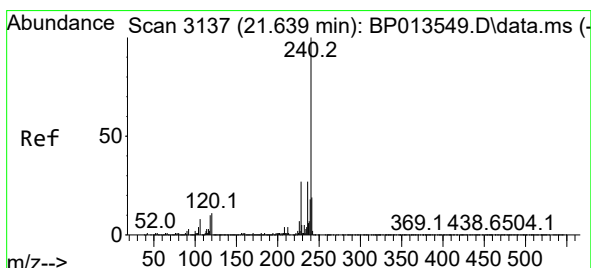
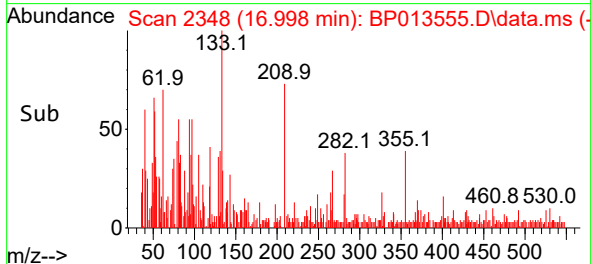
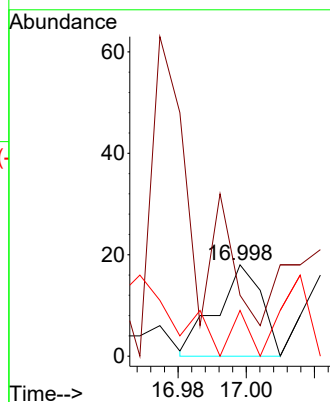
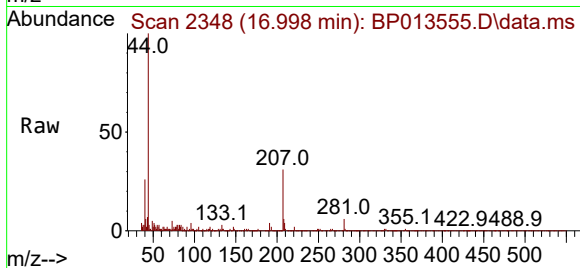
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

268 66.7 50.7 76.1

264 50.0 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: BP013555.D

Acq: 23 Jan 2023 19:48

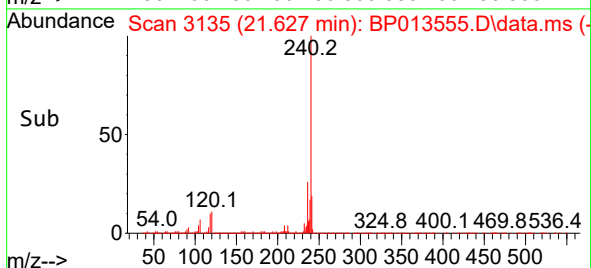
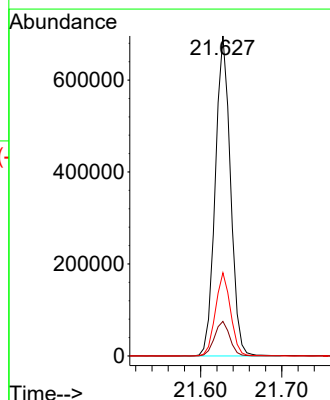
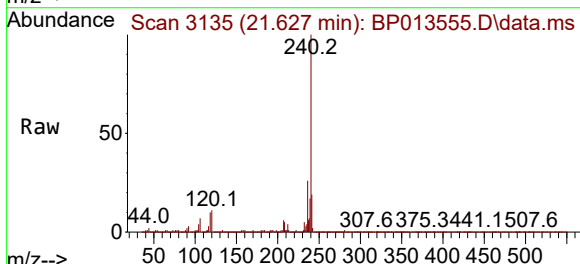
Tgt Ion:240 Resp: 905499

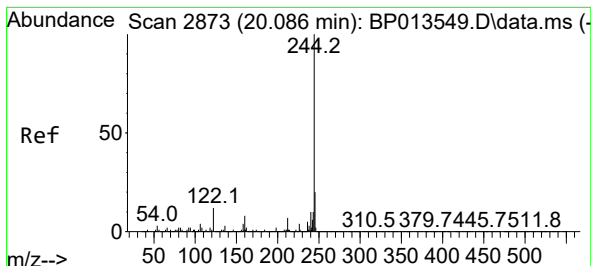
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 26.0 21.3 31.9





#79

Terphenyl-d14

Concen: 107.469 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013555.D

Acq: 23 Jan 2023 19:48

Instrument :

BNA_P

ClientSampleId :

PB150341BL

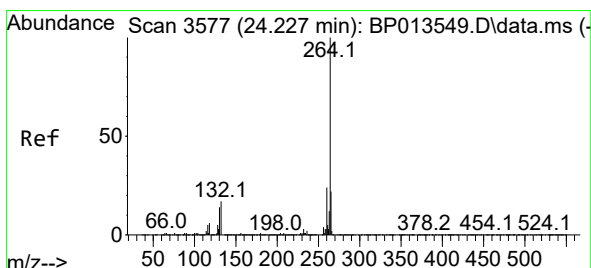
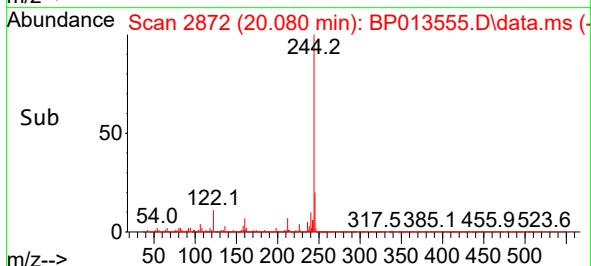
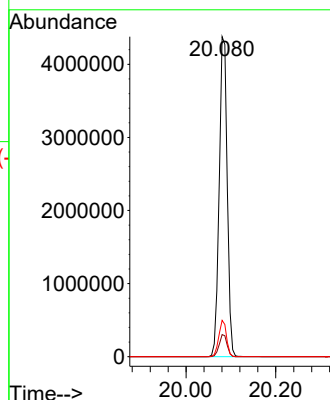
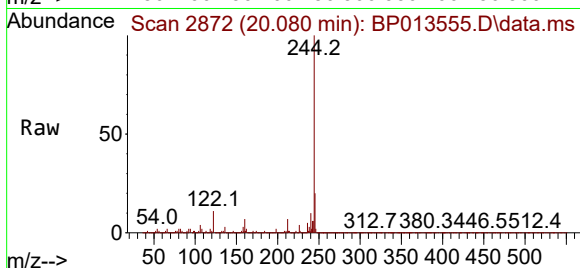
Tgt Ion:244 Resp: 5409294

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.221 min Scan# 3576

Delta R.T. -0.006 min

Lab File: BP013555.D

Acq: 23 Jan 2023 19:48

Tgt Ion:264 Resp: 898574

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 22.1 17.4 26.2

