

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013566.D
 Acq On : 24 Jan 2023 12:17
 Operator : CG/JU
 Sample : 01232-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-P-17B

Quant Time: Jan 25 03:46:53 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)

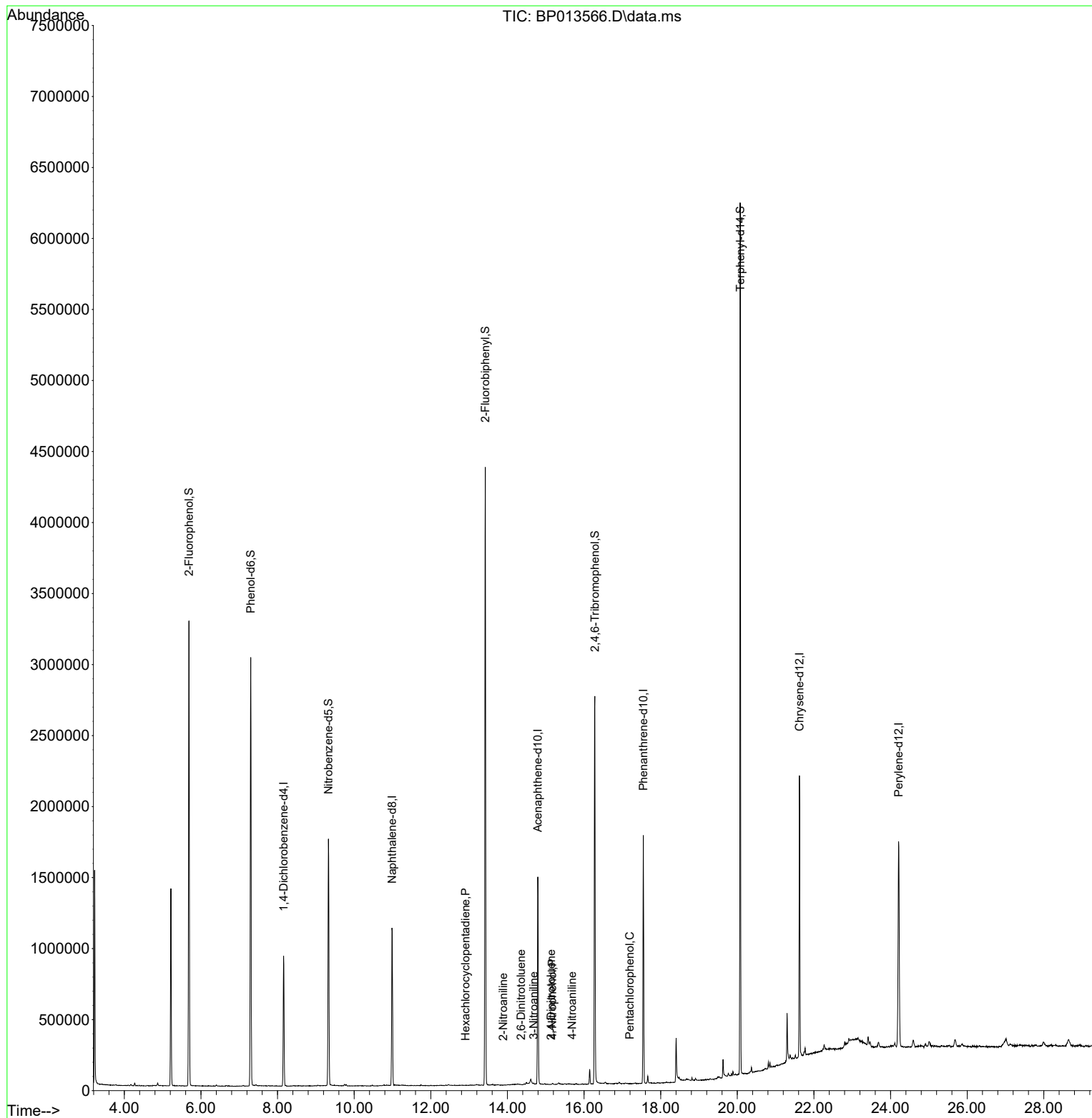
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	250560	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	955341	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	503514	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1009562	20.000	ng	0.00
76) Chrysene-d12	21.621	240	942607	20.000	ng	0.00
86) Perylene-d12	24.210	264	1148374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1398755	95.648	ng	0.00
7) Phenol-d6	7.299	99	1757532	89.297	ng	0.00
23) Nitrobenzene-d5	9.328	82	960769	66.392	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	526437	104.235	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	2206287	60.147	ng	0.00
79) Terphenyl-d14	20.080	244	2907541	55.491	ng	0.00
Target Compounds						
						Qvalue
41) Hexachlorocyclopentadiene	12.904	237	33	3.907	ng	92
48) 2-Nitroaniline	13.887	65	189	6.239	ng	# 42
51) 2,6-Dinitrotoluene	14.357	165	176	5.185	ng	# 54
53) 3-Nitroaniline	14.687	138	34	5.411	ng	# 65
54) 2,4-Dinitrophenol	14.898	184	18	Below Cal		# 1
56) 4-Nitrophenol	15.169	139	98	5.206	ng	85
57) 2,4-Dinitrotoluene	15.139	165	185	5.213	ng	# 75
62) 4-Nitroaniline	15.686	138	199	3.686	ng	82
70) Pentachlorophenol	17.192	266	328	5.367	ng	# 74

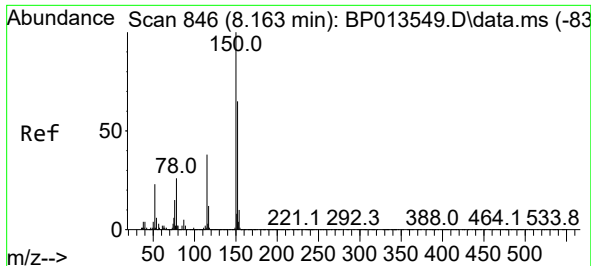
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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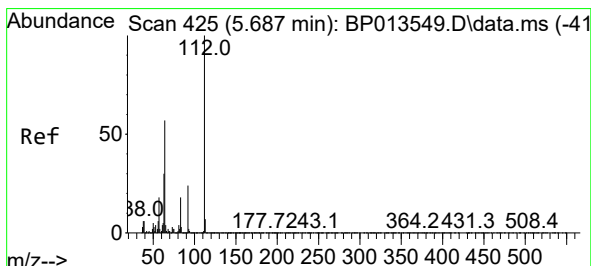
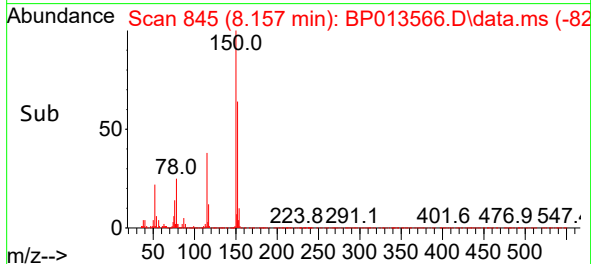
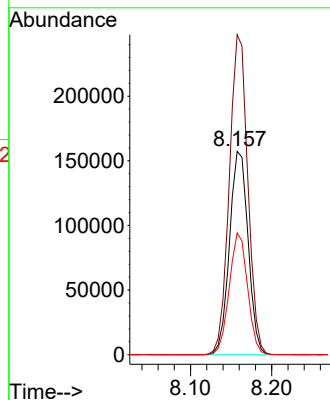
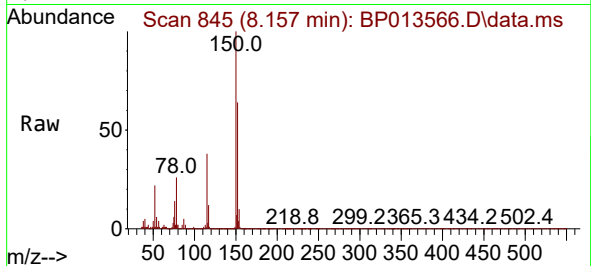




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.157 min Scan# 846
Delta R.T. -0.007 min
Lab File: BP013566.D
Acq: 24 Jan 2023 12:17

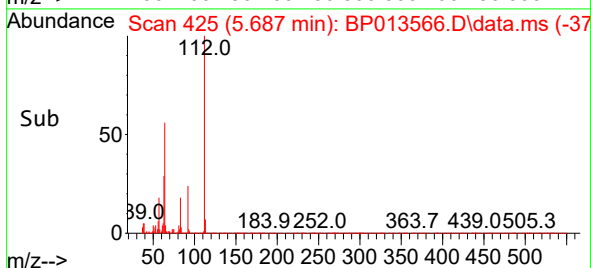
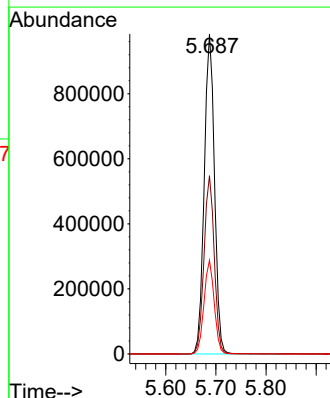
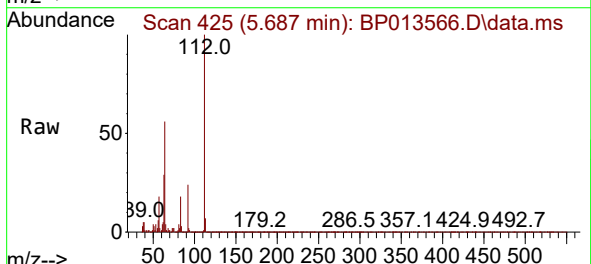
Instrument :
BNA_P
ClientSampleId :
B-P-17B

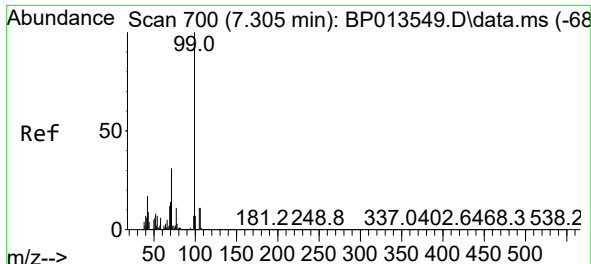
Tgt Ion:152 Resp: 250560
Ion Ratio Lower Upper
152 100
150 157.3 122.4 183.6
115 59.9 46.1 69.1



#5
2-Fluorophenol
Concen: 95.648 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013566.D
Acq: 24 Jan 2023 12:17

Tgt Ion:112 Resp: 1398755
Ion Ratio Lower Upper
112 100
64 55.7 45.4 68.0
63 29.3 24.1 36.1

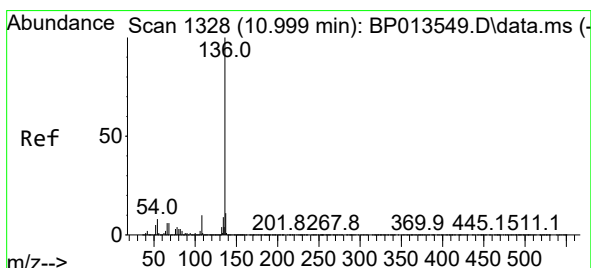
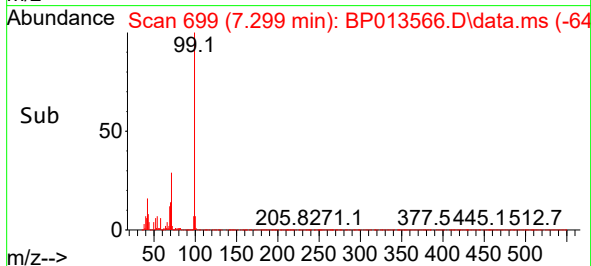
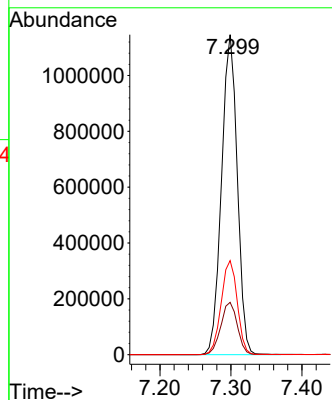
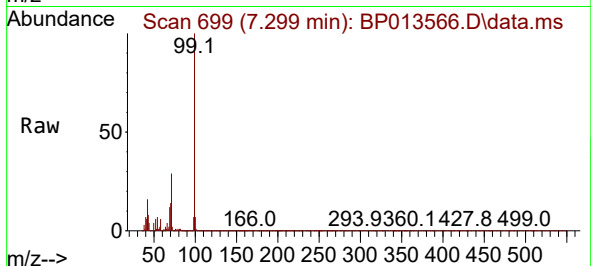




#7
Phenol-d6
Concen: 89.297 ng
RT: 7.299 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP013566.D
Acq: 24 Jan 2023 12:17

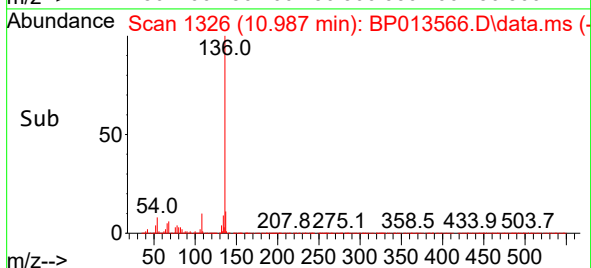
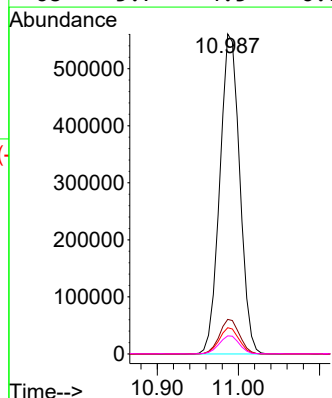
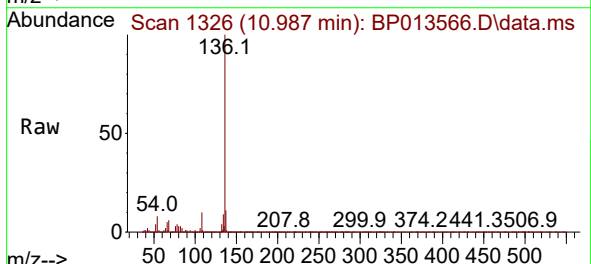
Instrument :
BNA_P
ClientSampleId :
B-P-17B

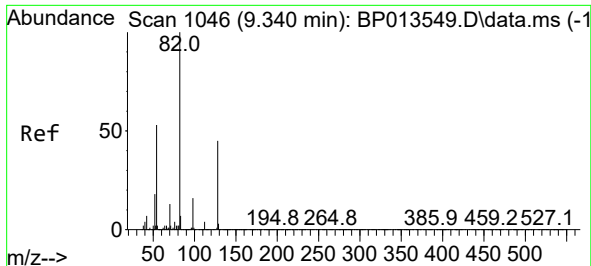
Tgt Ion: 99 Resp: 1757532
Ion Ratio Lower Upper
99 100
42 16.4 14.0 21.0
71 29.4 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013566.D
Acq: 24 Jan 2023 12:17

Tgt Ion: 136 Resp: 955341
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.2 6.6 9.8
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 66.392 ng

RT: 9.328 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

Instrument :

BNA_P

ClientSampleId :

B-P-17B

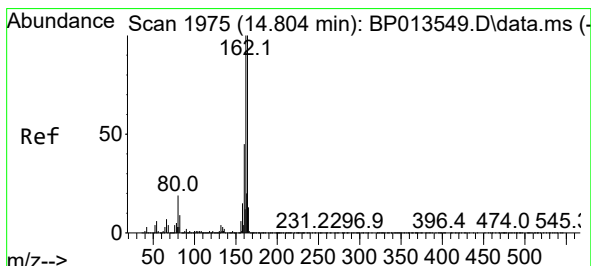
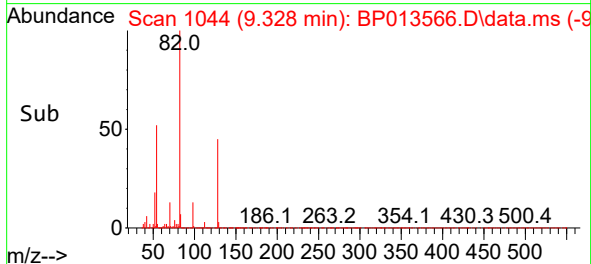
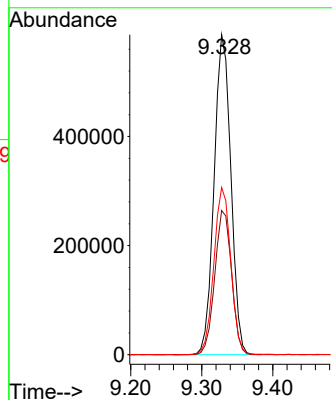
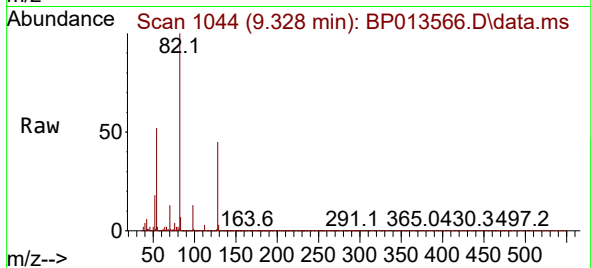
Tgt Ion: 82 Resp: 960769

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 52.3 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: BP013566.D

Acq: 24 Jan 2023 12:17

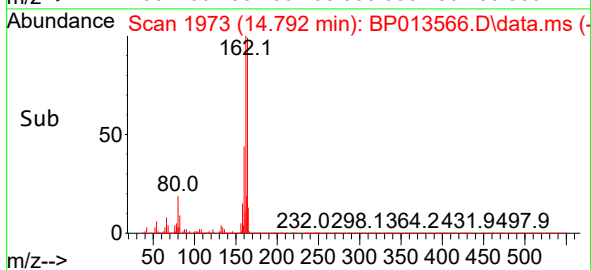
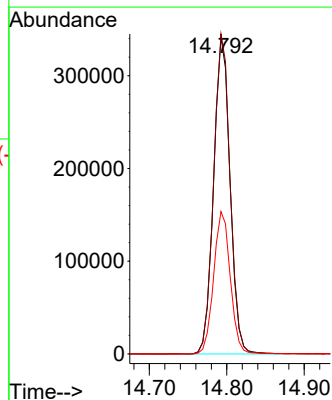
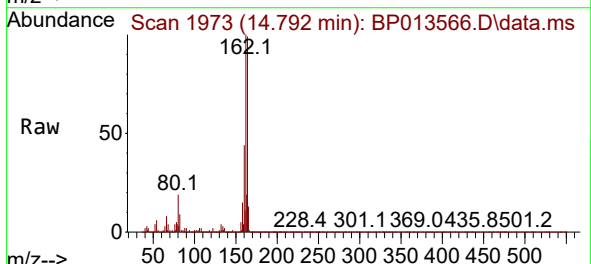
Tgt Ion:164 Resp: 503514

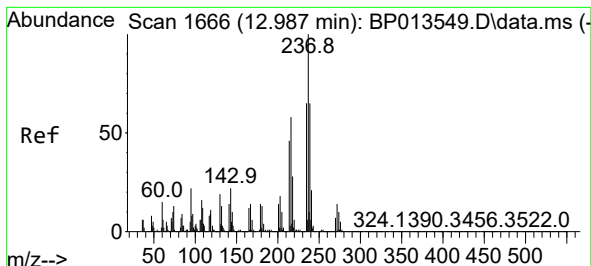
Ion Ratio Lower Upper

164 100

162 101.0 80.1 120.1

160 44.9 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.907 ng

RT: 12.904 min Scan# 1652

Delta R.T. -0.077 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

Instrument :

BNA_P

ClientSampleId :

B-P-17B

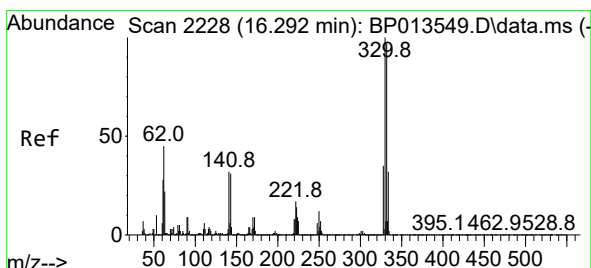
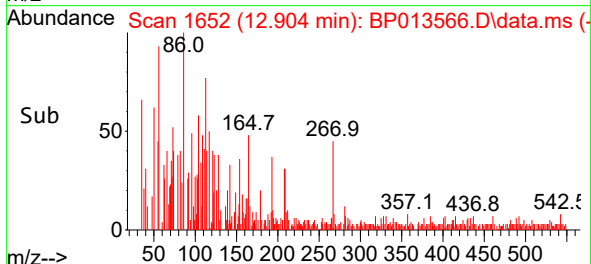
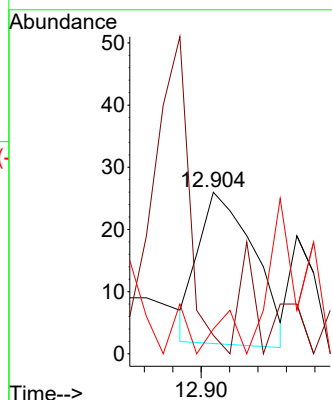
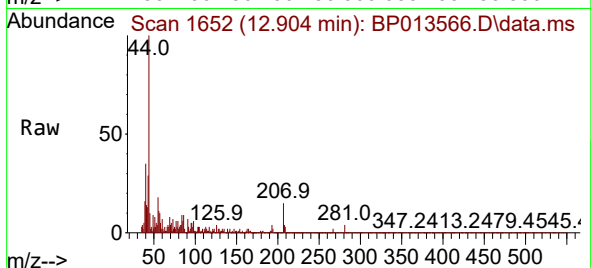
Tgt Ion:237 Resp: 33

Ion Ratio Lower Upper

237 100

235 57.7 44.6 84.6

272 15.4 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 104.235 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

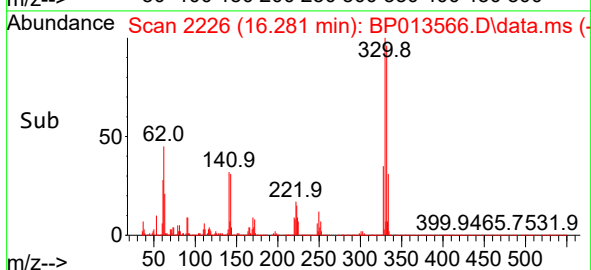
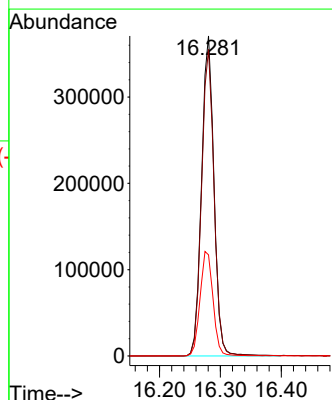
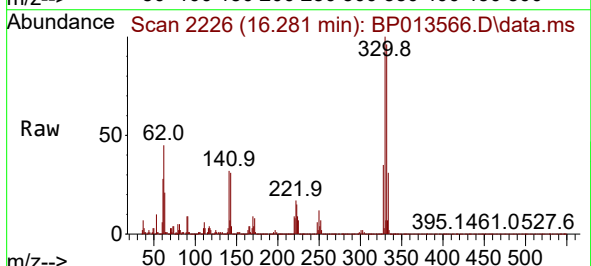
Tgt Ion:330 Resp: 526437

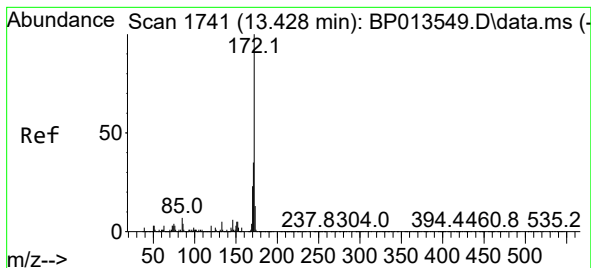
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 34.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 60.147 ng

RT: 13.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

Instrument :

BNA_P

ClientSampleId :

B-P-17B

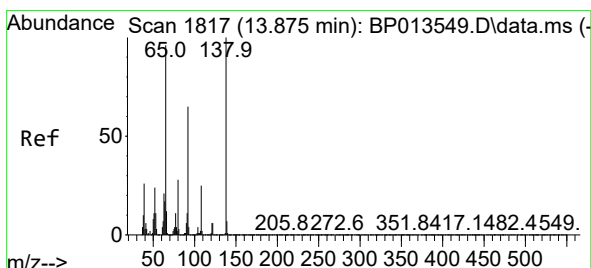
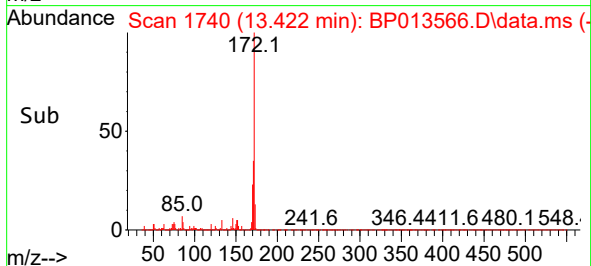
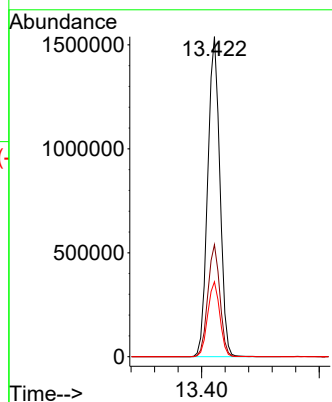
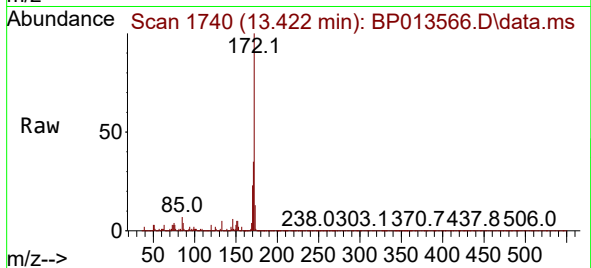
Tgt Ion:172 Resp: 2206287

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.4 18.6 27.8



#48

2-Nitroaniline

Concen: 6.239 ng

RT: 13.887 min Scan# 1819

Delta R.T. 0.012 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

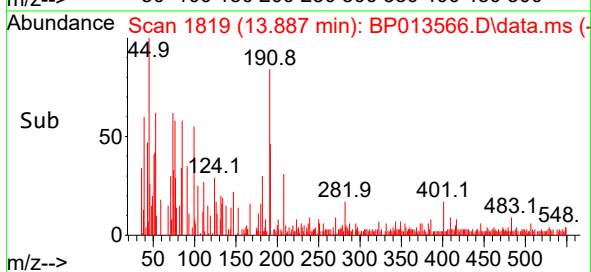
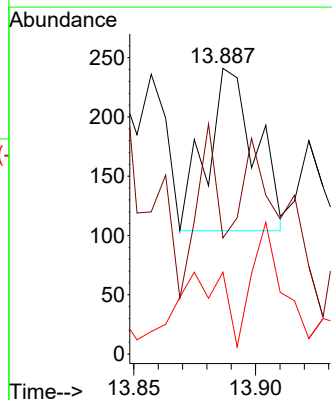
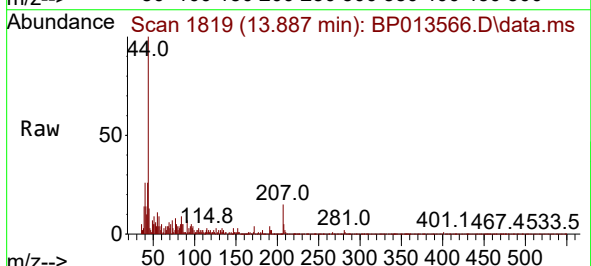
Tgt Ion: 65 Resp: 189

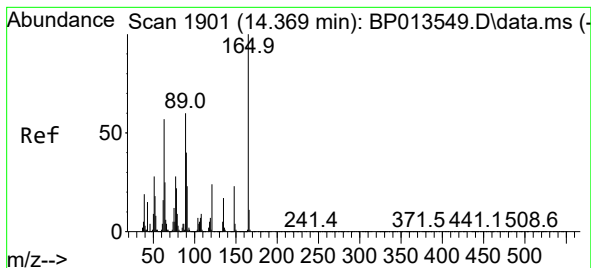
Ion Ratio Lower Upper

65 100

92 40.7 54.1 81.1#

138 28.6 83.6 125.4#





#51

2,6-Dinitrotoluene

Concen: 5.185 ng

RT: 14.357 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

Instrument :

BNA_P

ClientSampleId :

B-P-17B

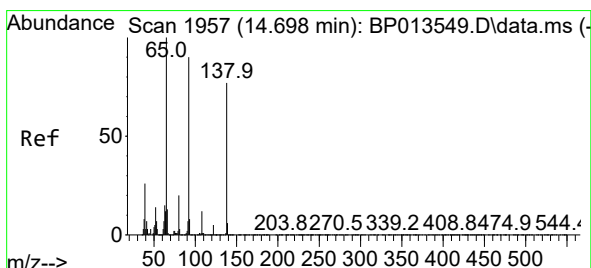
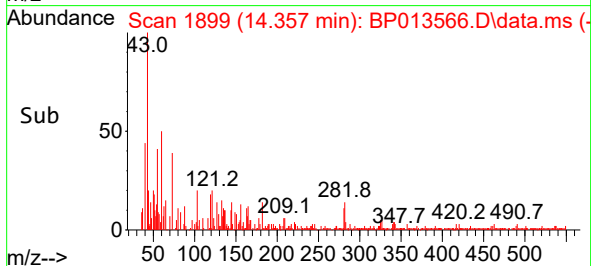
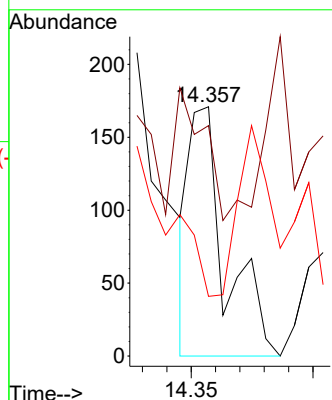
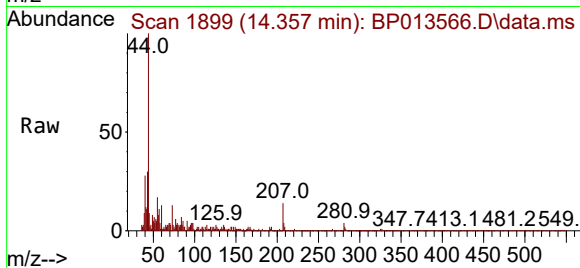
Tgt Ion:165 Resp: 176

Ion Ratio Lower Upper

165 100

63 92.4 47.2 70.8#

89 24.0 47.8 71.6#



#53

3-Nitroaniline

Concen: 5.411 ng

RT: 14.687 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

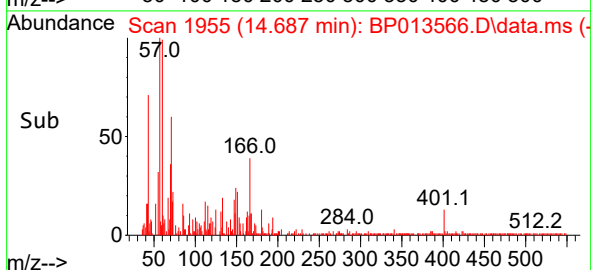
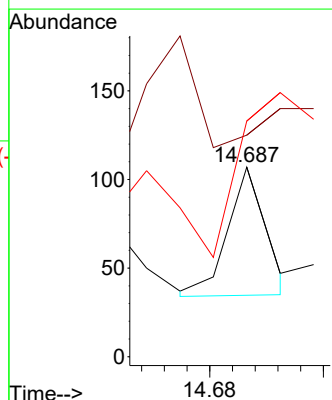
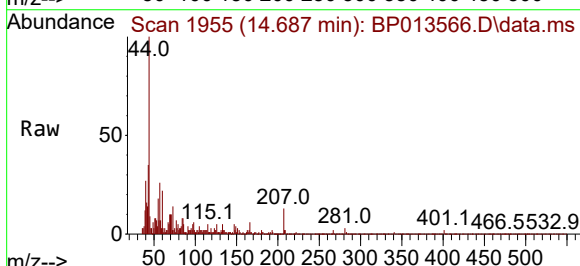
Tgt Ion:138 Resp: 34

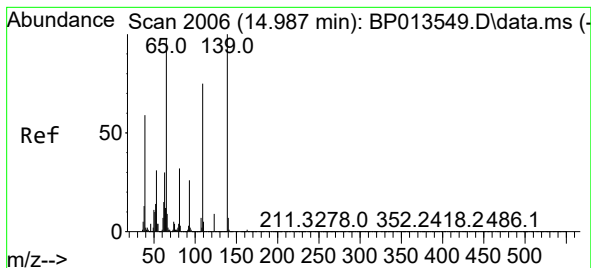
Ion Ratio Lower Upper

138 100

108 116.8 12.8 19.2#

92 124.3 93.3 139.9

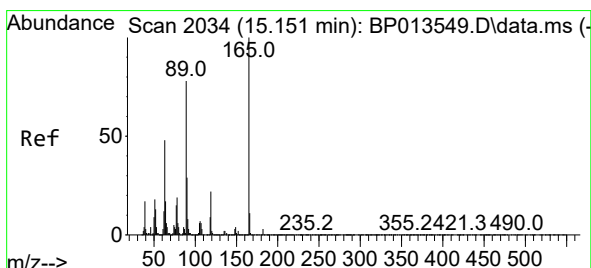
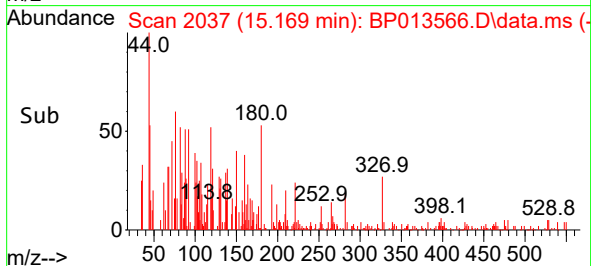
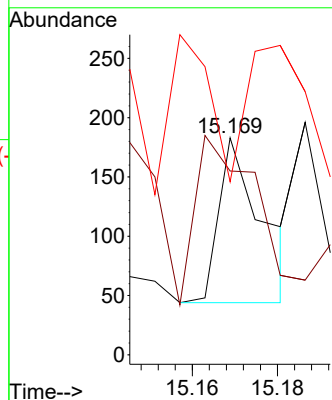
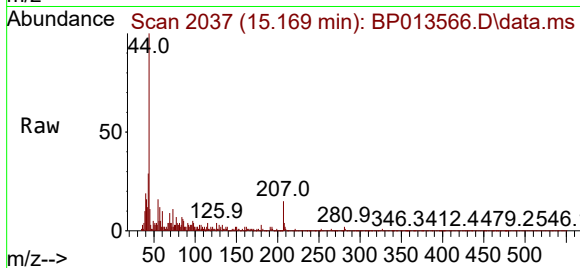




#56
4-Nitrophenol
Concen: 5.206 ng
RT: 15.169 min Scan# 2037
Delta R.T. 0.188 min
Lab File: BP013566.D
Acq: 24 Jan 2023 12:17

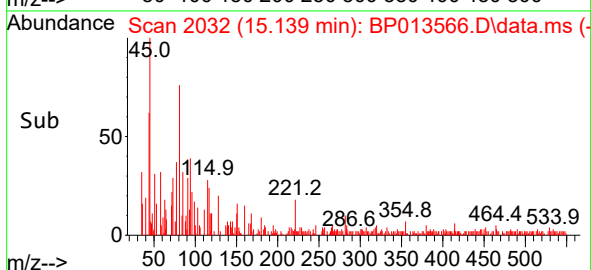
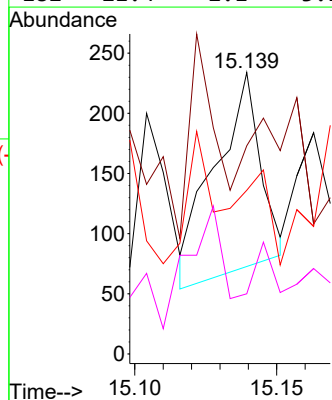
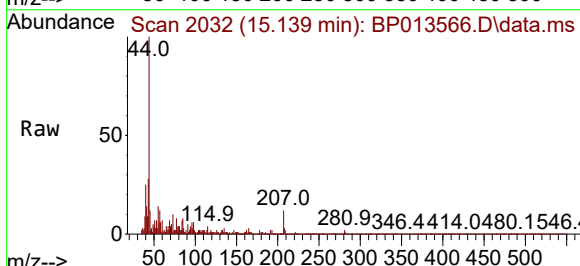
Instrument :
BNA_P
ClientSampleId :
B-P-17B

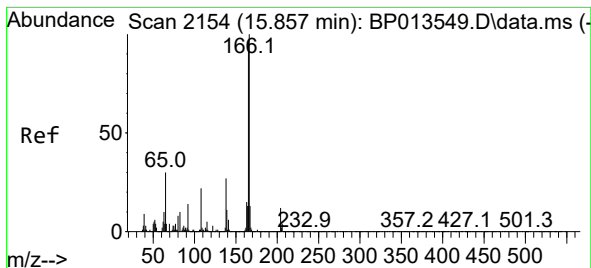
Tgt Ion:	139	Resp:	98
Ion	Ratio	Lower	Upper
139	100		
109	84.7	55.0	95.0
65	79.8	77.7	117.7



#57
2,4-Dinitrotoluene
Concen: 5.213 ng
RT: 15.139 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BP013566.D
Acq: 24 Jan 2023 12:17

Tgt Ion:	165	Resp:	185
Ion	Ratio	Lower	Upper
165	100		
63	73.9	38.3	57.5#
89	64.1	62.1	93.1
182	21.4	2.1	3.1#





#62

4-Nitroaniline

Concen: 3.686 ng

RT: 15.686 min Scan# 2154

Delta R.T. -0.171 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

Instrument :

BNA_P

ClientSampleId :

B-P-17B

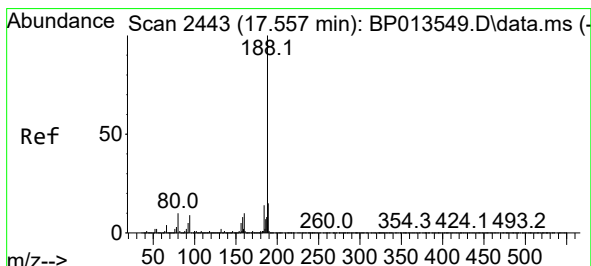
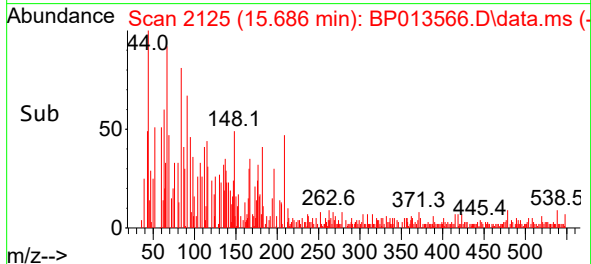
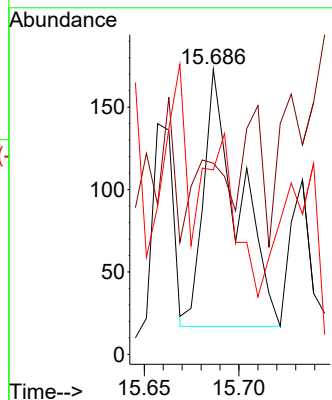
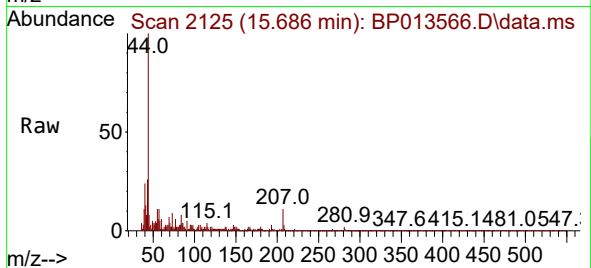
Tgt Ion:138 Resp: 199

Ion Ratio Lower Upper

138 100

92 67.1 32.3 72.3

108 64.7 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: BP013566.D

Acq: 24 Jan 2023 12:17

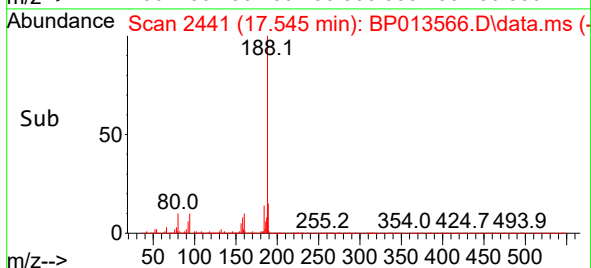
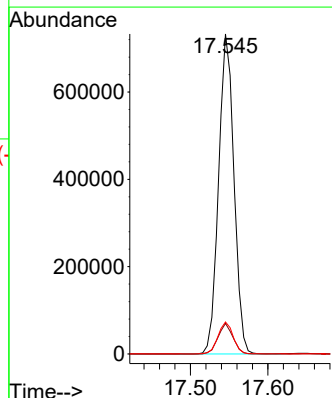
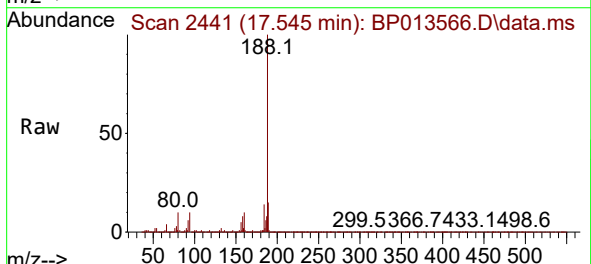
Tgt Ion:188 Resp: 1009562

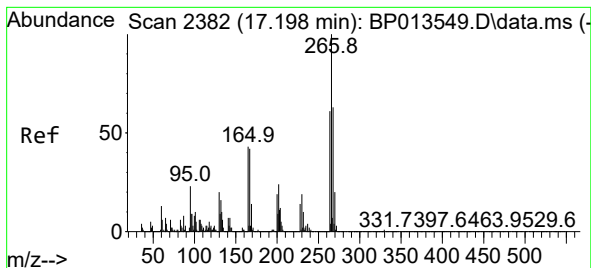
Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 10.0 8.2 12.2





#70

Pentachlorophenol

Concen: 5.367 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

Instrument :

BNA_P

ClientSampleId :

B-P-17B

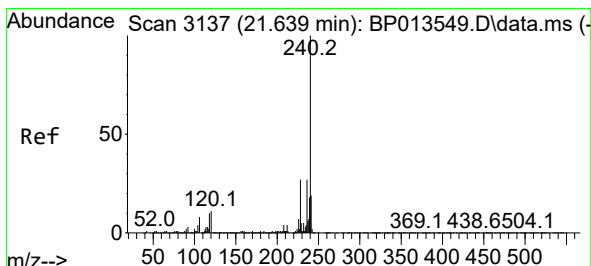
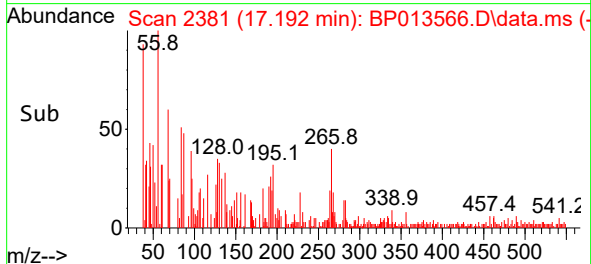
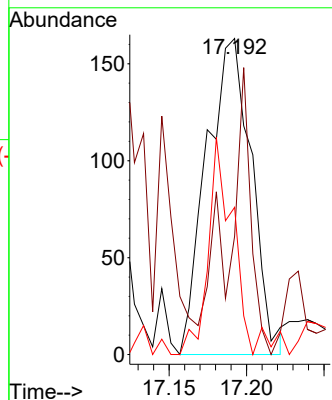
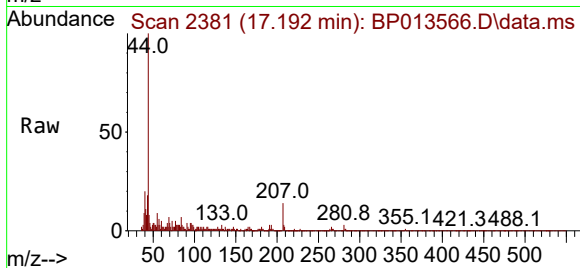
Tgt Ion:266 Resp: 328

Ion Ratio Lower Upper

266 100

268 37.4 50.7 76.1#

264 46.6 48.9 73.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.621 min Scan# 3134

Delta R.T. -0.006 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

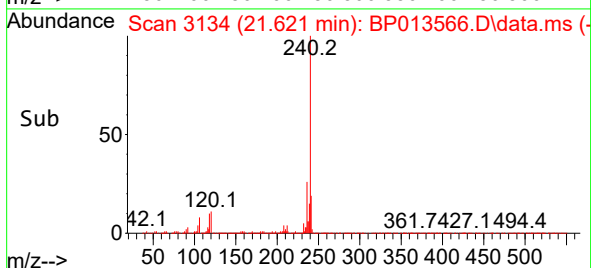
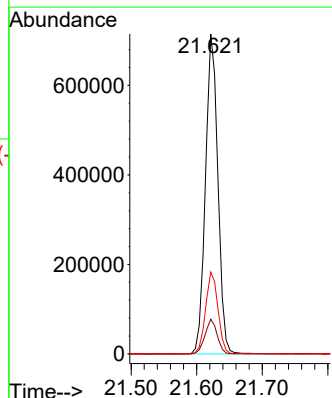
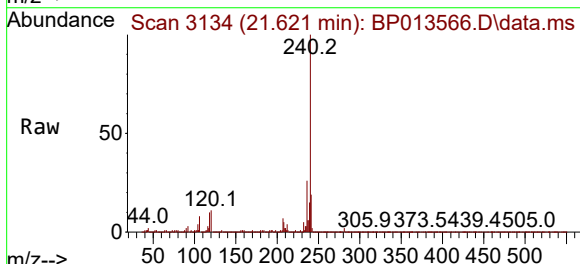
Tgt Ion:240 Resp: 942607

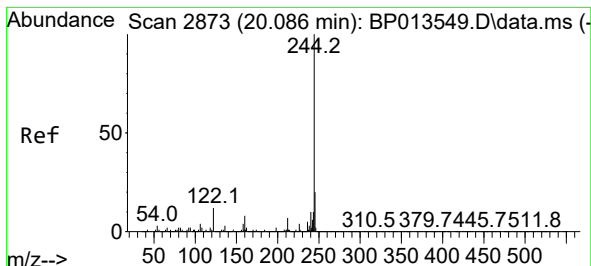
Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 25.6 21.3 31.9





#79

Terphenyl-d14

Concen: 55.491 ng

RT: 20.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013566.D

Acq: 24 Jan 2023 12:17

Instrument :

BNA_P

ClientSampleId :

B-P-17B

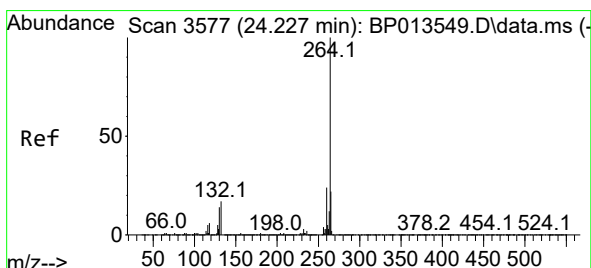
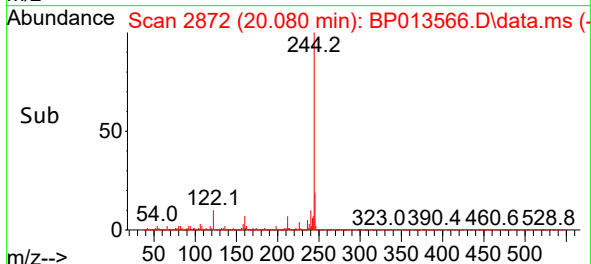
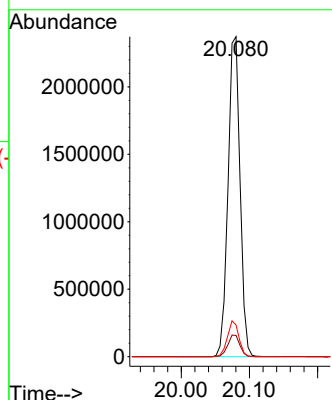
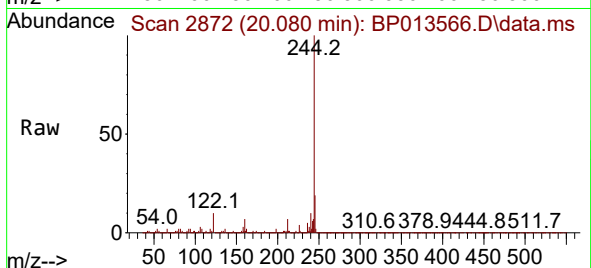
Tgt Ion:244 Resp: 2907541

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 9.9 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: BP013566.D

Acq: 24 Jan 2023 12:17

Tgt Ion:264 Resp: 1148374

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.9 17.4 26.2

