

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013584.D
 Acq On : 24 Jan 2023 22:44
 Operator : CG/JU
 Sample : 01232-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-17

Quant Time: Jan 25 03:53:15 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)

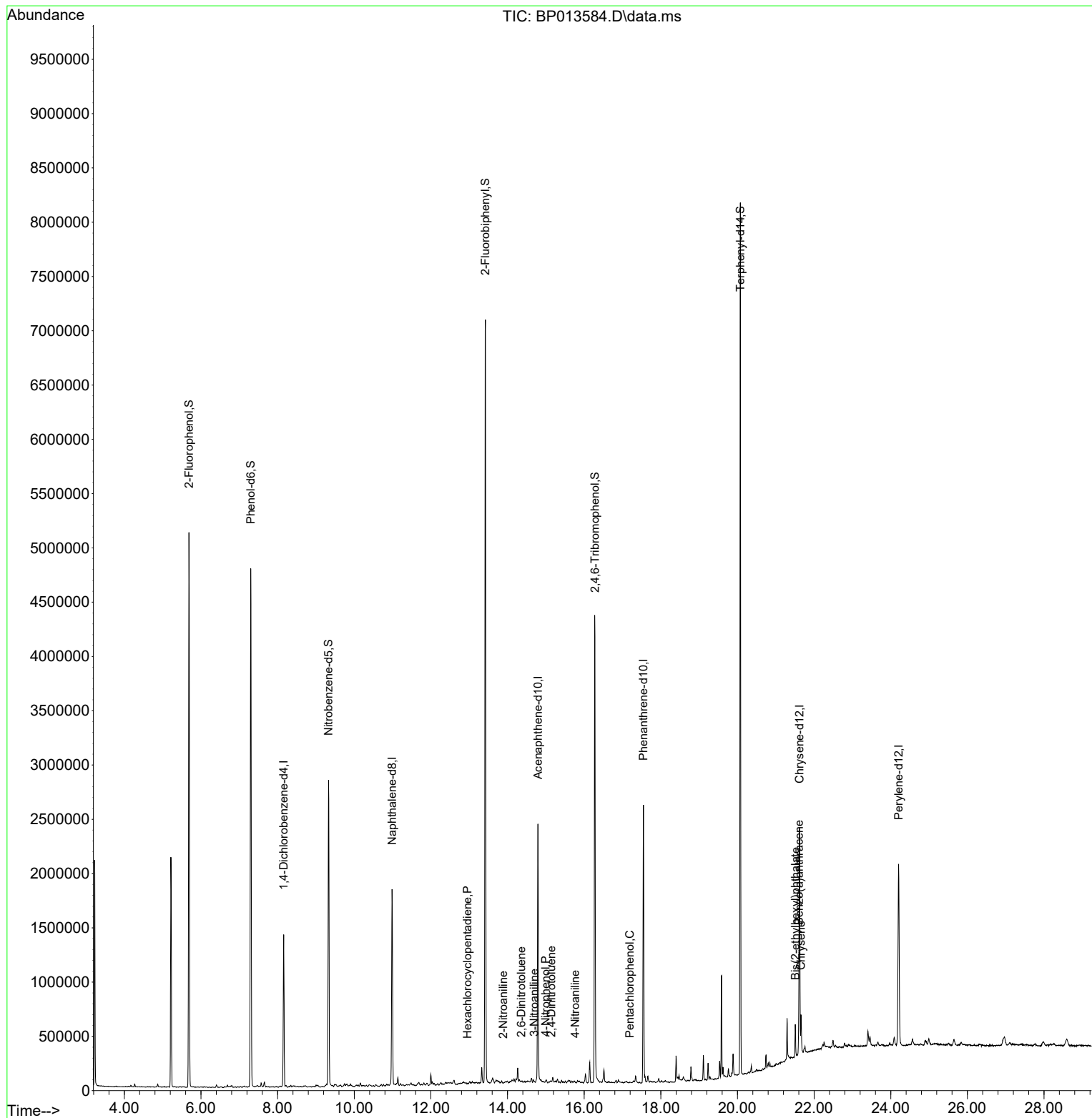
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	385930	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	1523349	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	828227	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	1519829	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1004639	20.000	ng	-0.01
86) Perylene-d12	24.204	264	1335170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2258907	100.285	ng	0.00
7) Phenol-d6	7.299	99	2870191	94.677	ng	0.00
23) Nitrobenzene-d5	9.328	82	1578951	68.426	ng	0.00
42) 2,4,6-Tribromophenol	16.281	330	863513	103.944	ng	0.00
45) 2-Fluorobiphenyl	13.422	172	3764685	62.394	ng	0.00
79) Terphenyl-d14	20.075	244	3639080	65.165	ng	0.00
Target Compounds						Qvalue
41) Hexachlorocyclopentadiene	12.957	237	17	3.904	ng	92
48) 2-Nitroaniline	13.887	65	436	6.248	ng	# 50
51) 2,6-Dinitrotoluene	14.363	165	310	5.187	ng	# 84
53) 3-Nitroaniline	14.693	138	735	5.455	ng	# 80
54) 2,4-Dinitrophenol	14.904	184	26	Below Cal		# 1
56) 4-Nitrophenol	14.993	139	1537	5.330	ng	# 79
57) 2,4-Dinitrotoluene	15.145	165	786	5.243	ng	# 76
62) 4-Nitroaniline	15.763	138	139	3.673	ng	93
70) Pentachlorophenol	17.192	266	478	5.366	ng	# 73
81) Benzo(a)anthracene	21.604	228	183252	2.618	ng	99
83) Chrysene	21.657	228	219895	3.285	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	113817	2.908	ng	99

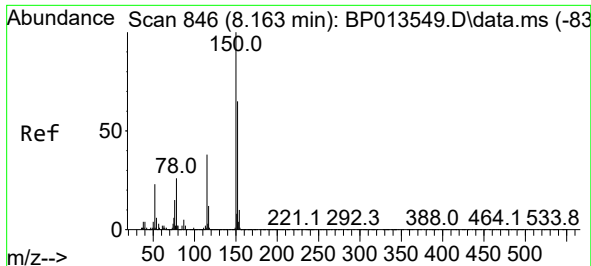
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013584.D
Acq On : 24 Jan 2023 22:44
Operator : CG/JU
Sample : 01232-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-17

Quant Time: Jan 25 03:53:15 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

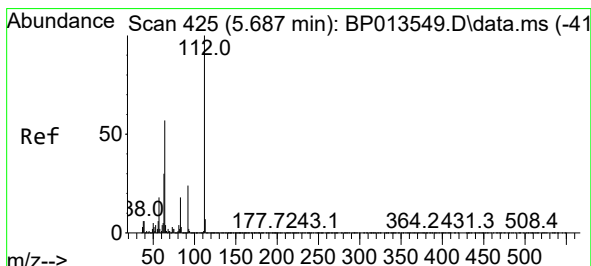
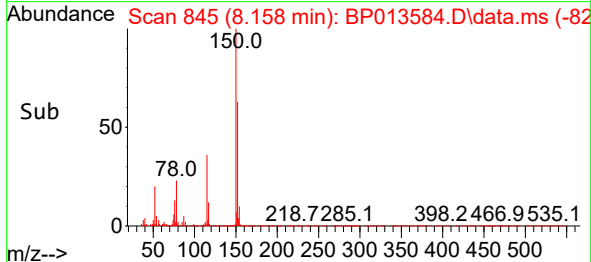
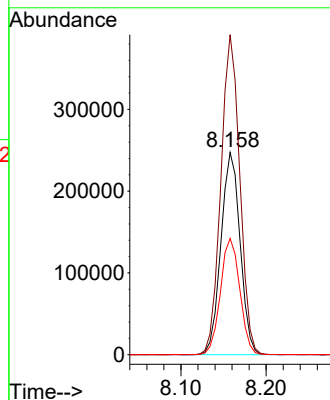
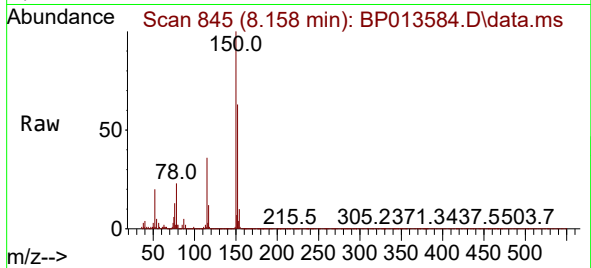




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 846
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

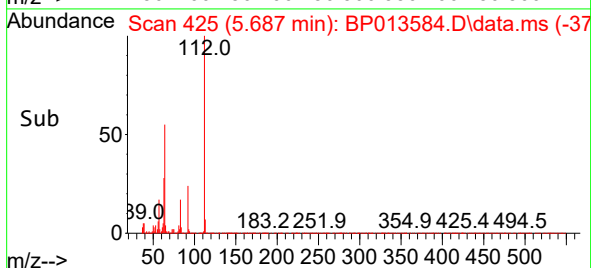
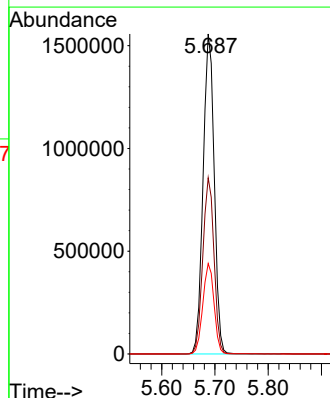
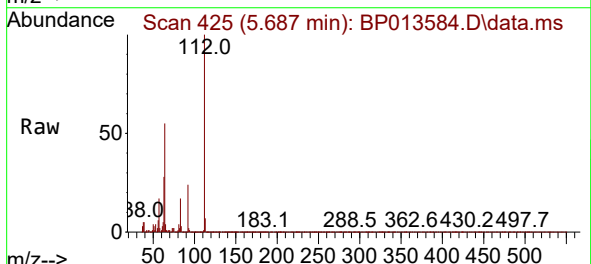
Instrument :
BNA_P
ClientSampleId :
WC-17

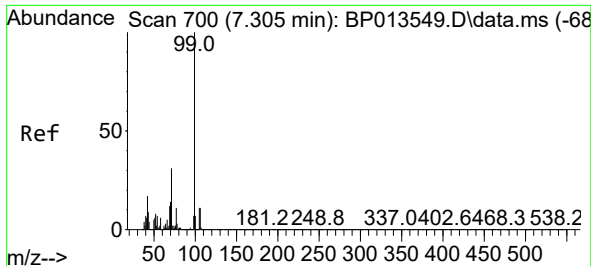
Tgt Ion:152 Resp: 385930
Ion Ratio Lower Upper
152 100
150 158.2 122.4 183.6
115 57.4 46.1 69.1



#5
2-Fluorophenol
Concen: 100.285 ng
RT: 5.687 min Scan# 425
Delta R.T. -0.000 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:112 Resp: 2258907
Ion Ratio Lower Upper
112 100
64 55.0 45.4 68.0
63 28.3 24.1 36.1

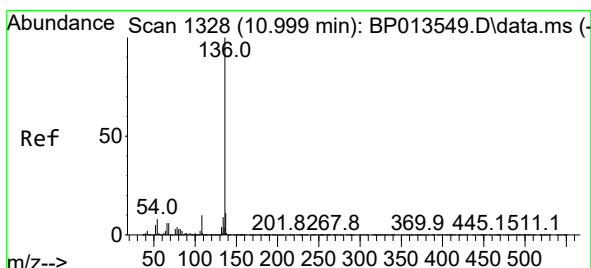
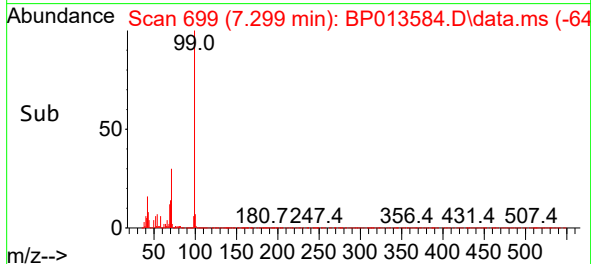
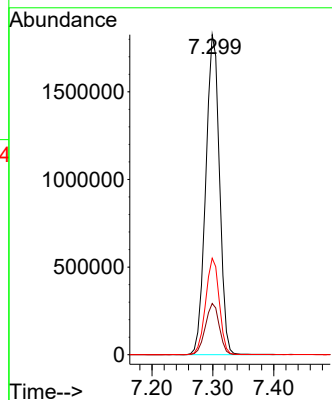
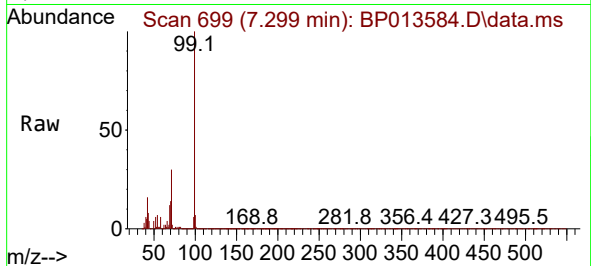




#7
Phenol-d6
Concen: 94.677 ng
RT: 7.299 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

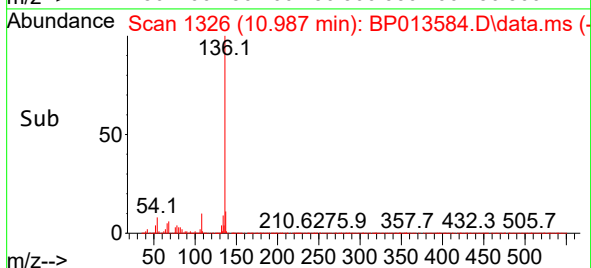
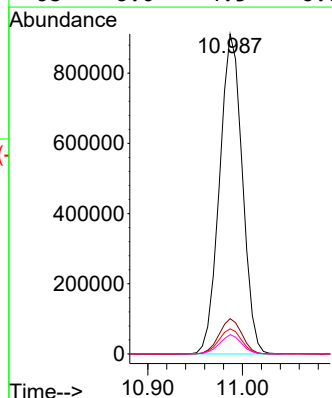
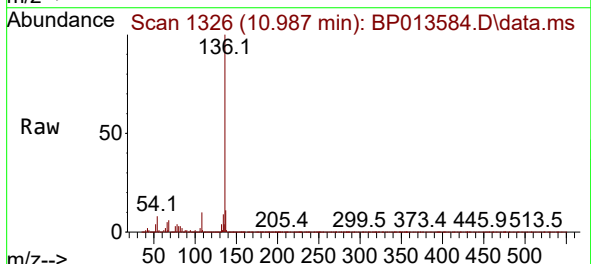
Instrument :
BNA_P
ClientSampleId :
WC-17

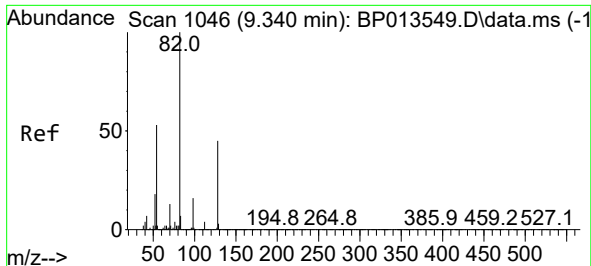
Tgt Ion: 99 Resp: 2870191
Ion Ratio Lower Upper
99 100
42 16.0 14.0 21.0
71 30.2 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion: 136 Resp: 1523349
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.9 6.6 9.8
68 6.0 4.5 6.7

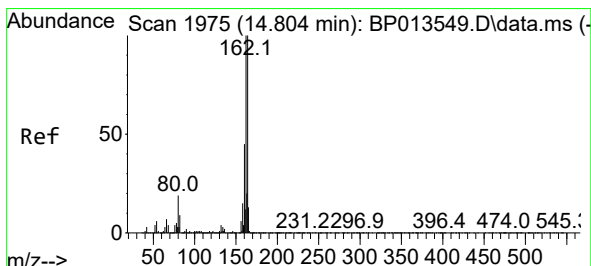
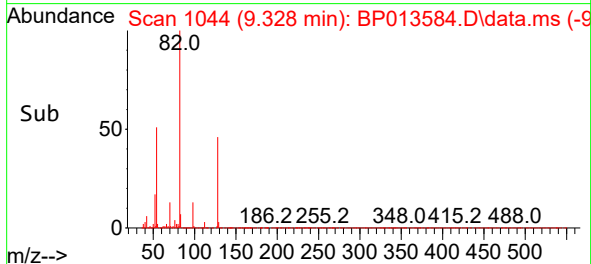
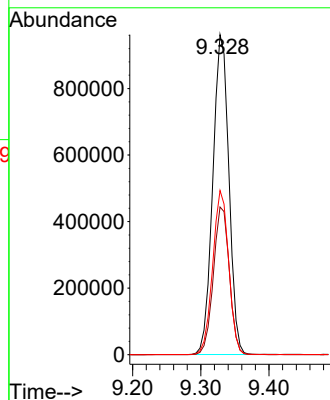
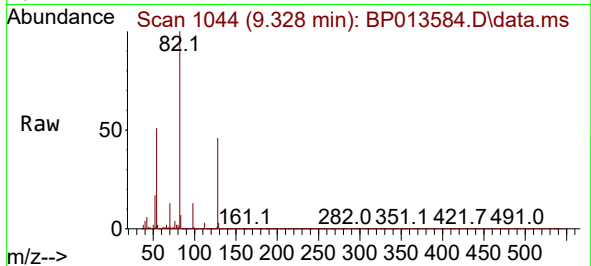




#23
Nitrobenzene-d5
Concen: 68.426 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

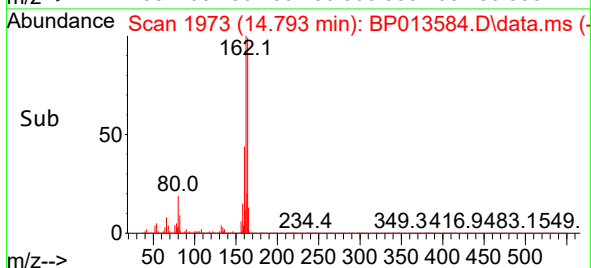
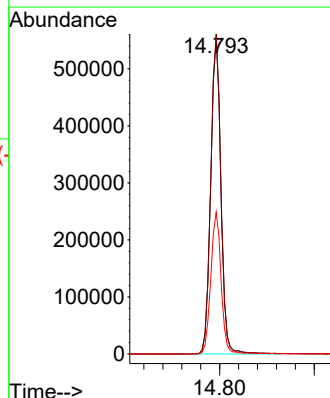
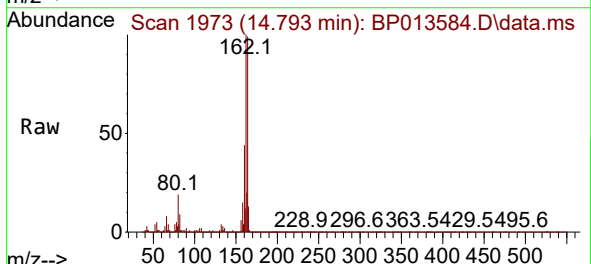
Instrument :
BNA_P
ClientSampleId :
WC-17

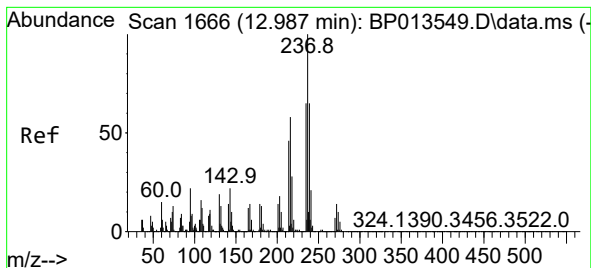
Tgt Ion: 82 Resp: 1578951
Ion Ratio Lower Upper
82 100
128 46.1 35.8 53.6
54 51.3 42.6 64.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.793 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion: 164 Resp: 828227
Ion Ratio Lower Upper
164 100
162 101.3 80.1 120.1
160 44.9 35.9 53.9





#41

Hexachlorocyclopentadiene

Concen: 3.904 ng

RT: 12.957 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

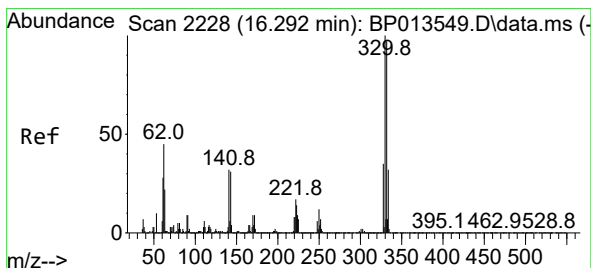
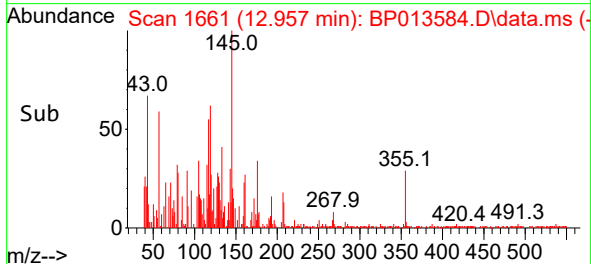
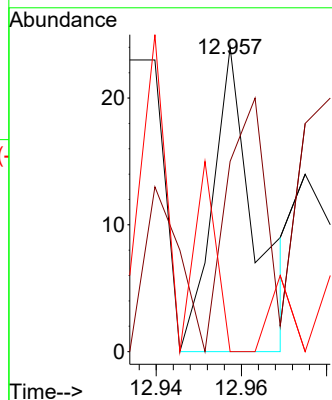
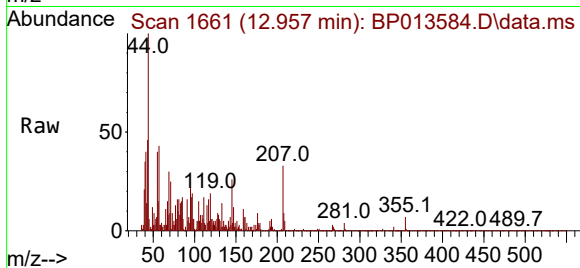
Tgt Ion:237 Resp: 17

Ion Ratio Lower Upper

237 100

235 62.5 44.6 84.6

272 0.0 0.0 33.9



#42

2,4,6-Tribromophenol

Concen: 103.944 ng

RT: 16.281 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

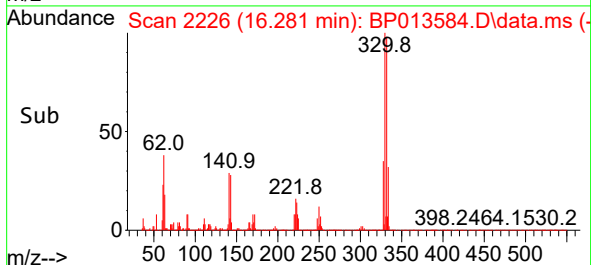
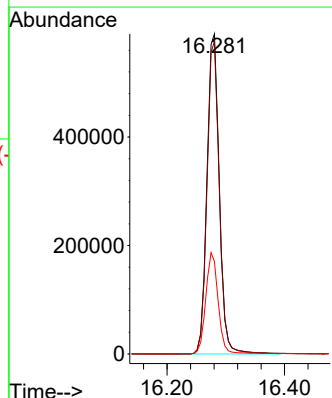
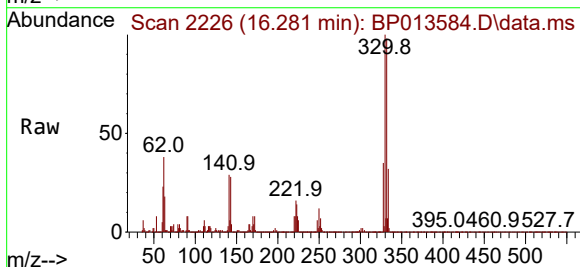
Tgt Ion:330 Resp: 863513

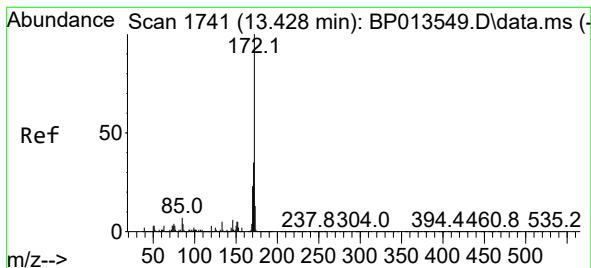
Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 31.6 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 62.394 ng

RT: 13.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

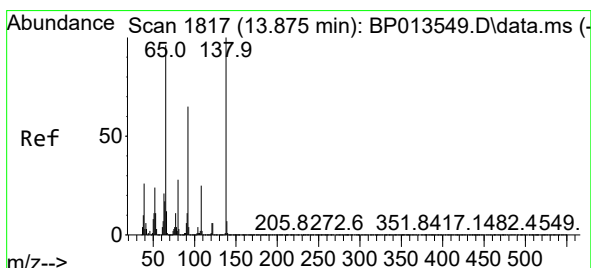
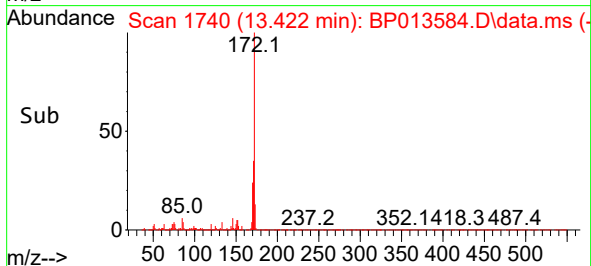
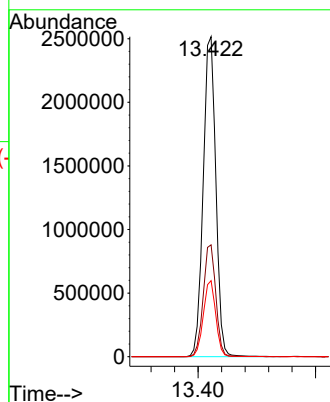
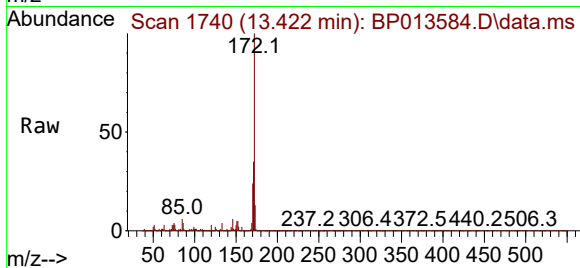
Tgt Ion:172 Resp: 3764685

Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 23.8 18.6 27.8



#48

2-Nitroaniline

Concen: 6.248 ng

RT: 13.887 min Scan# 1819

Delta R.T. 0.012 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

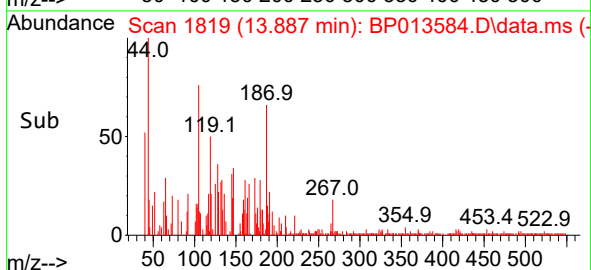
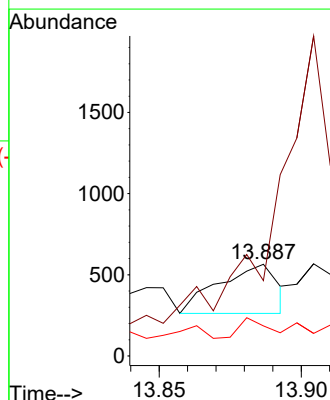
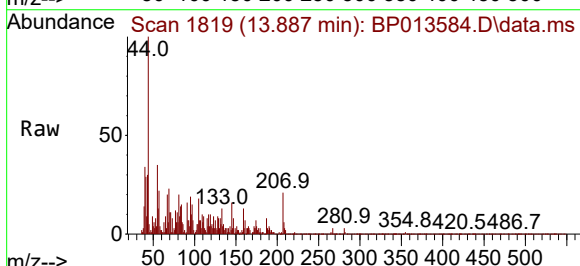
Tgt Ion: 65 Resp: 436

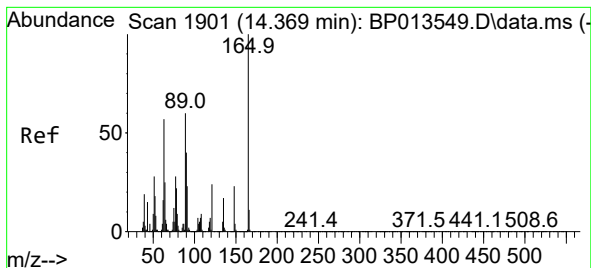
Ion Ratio Lower Upper

65 100

92 82.1 54.1 81.1#

138 32.7 83.6 125.4#





#51

2,6-Dinitrotoluene

Concen: 5.187 ng

RT: 14.363 min Scan# 1900

Delta R.T. -0.000 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

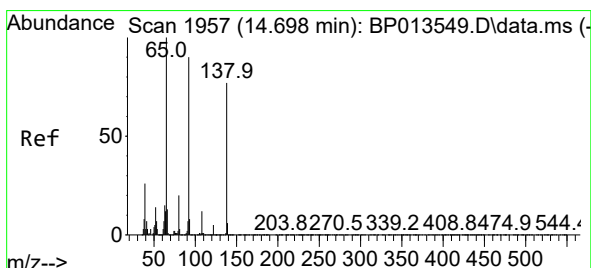
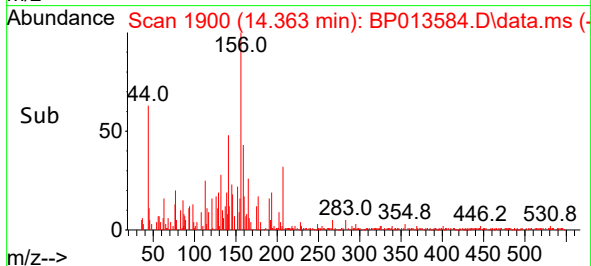
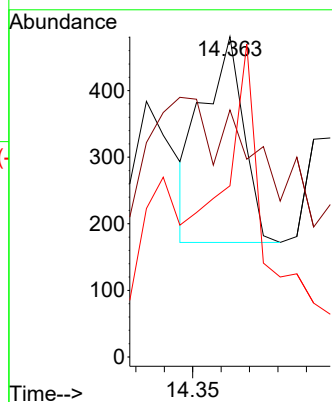
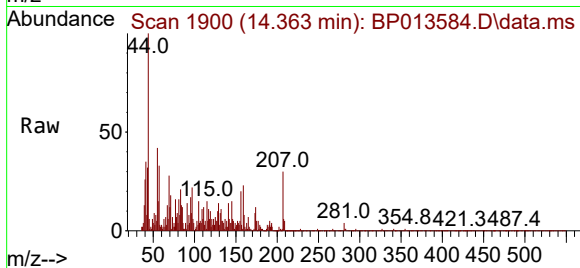
Tgt Ion:165 Resp: 310

Ion Ratio Lower Upper

165 100

63 77.1 47.2 70.8#

89 53.4 47.8 71.6



#53

3-Nitroaniline

Concen: 5.455 ng

RT: 14.693 min Scan# 1956

Delta R.T. -0.000 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

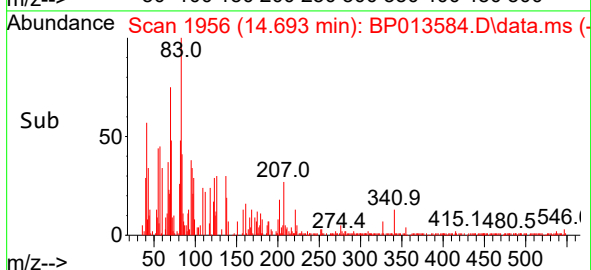
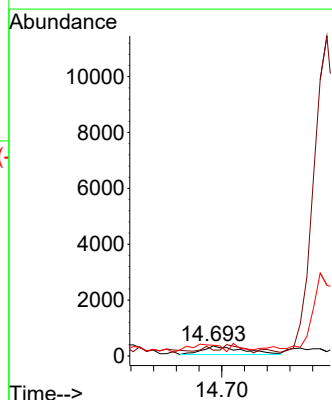
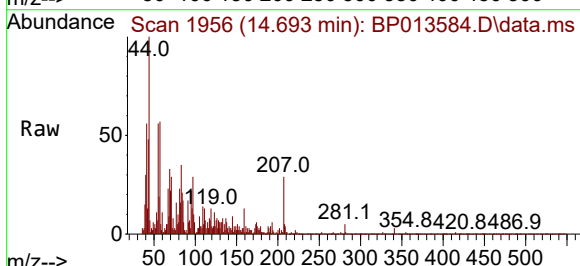
Tgt Ion:138 Resp: 735

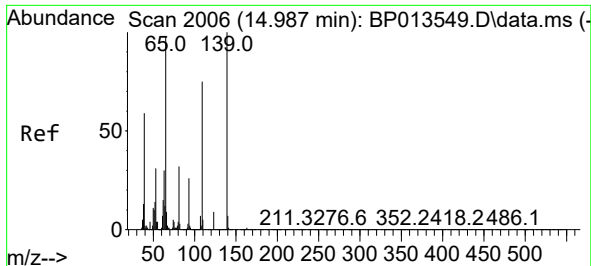
Ion Ratio Lower Upper

138 100

108 57.6 12.8 19.2#

92 106.6 93.3 139.9

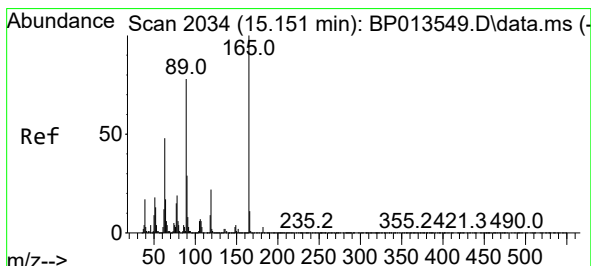
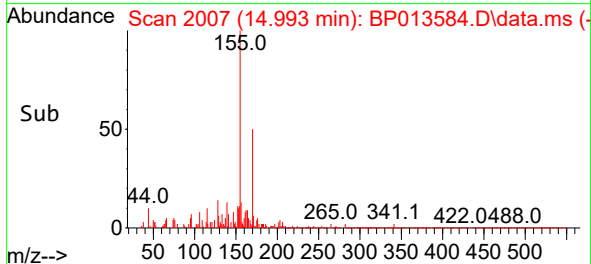
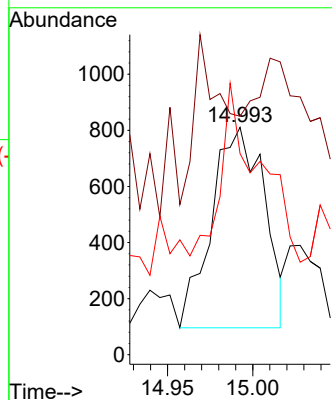
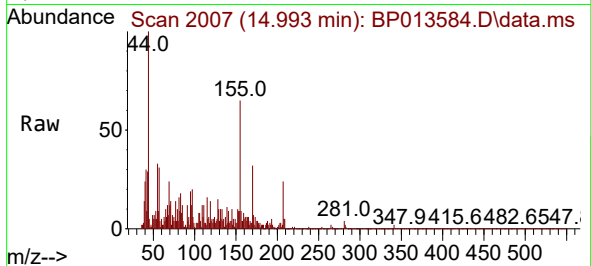




#56
4-Nitrophenol
Concen: 5.330 ng
RT: 14.993 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

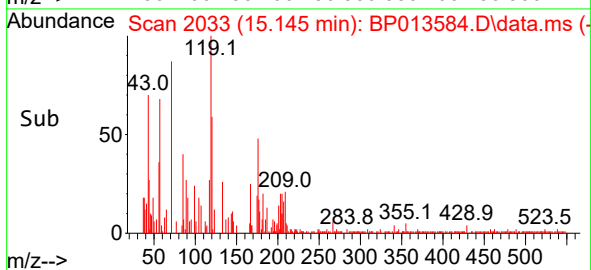
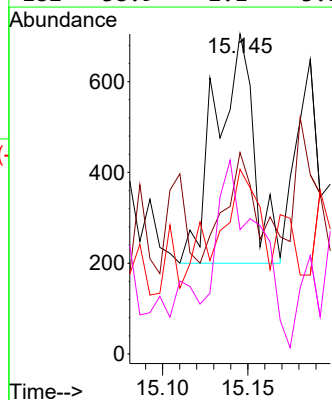
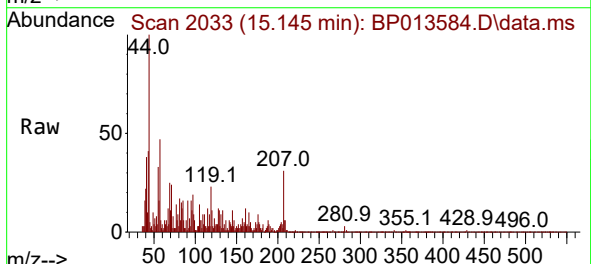
Instrument :
BNA_P
ClientSampleId :
WC-17

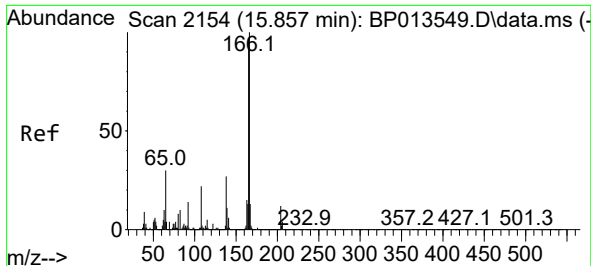
Tgt Ion:139 Resp: 1537
Ion Ratio Lower Upper
139 100
109 104.8 55.0 95.0#
65 88.4 77.7 117.7



#57
2,4-Dinitrotoluene
Concen: 5.243 ng
RT: 15.145 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:165 Resp: 786
Ion Ratio Lower Upper
165 100
63 63.0 38.3 57.5#
89 57.7 62.1 93.1#
182 38.9 2.1 3.1#

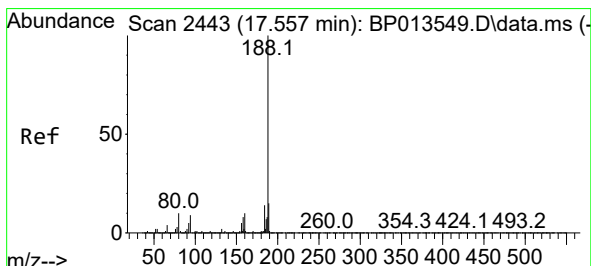
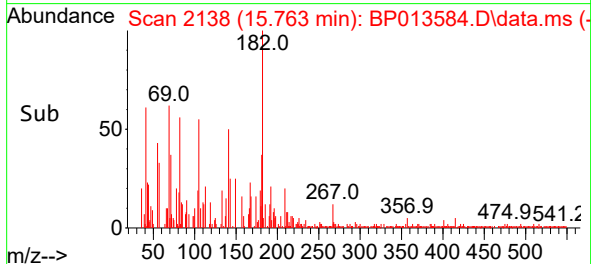
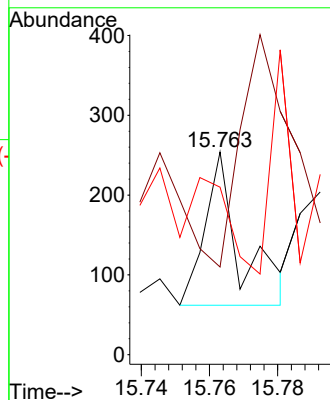
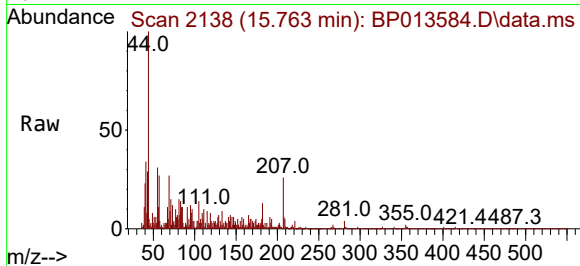




#62
4-Nitroaniline
Concen: 3.673 ng
RT: 15.763 min Scan# 2154
Delta R.T. -0.094 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

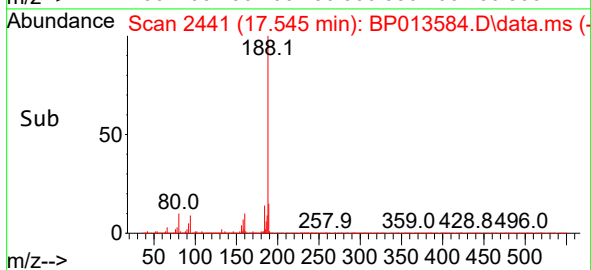
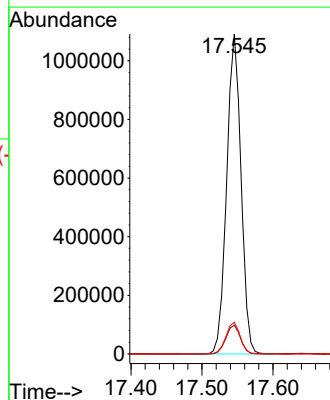
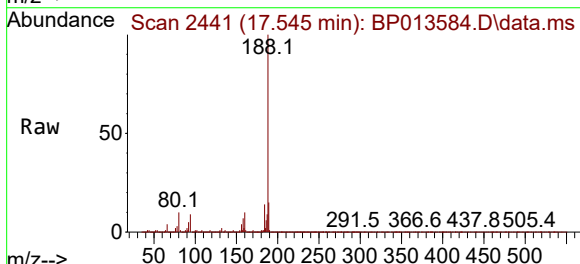
Instrument :
BNA_P
ClientSampleId :
WC-17

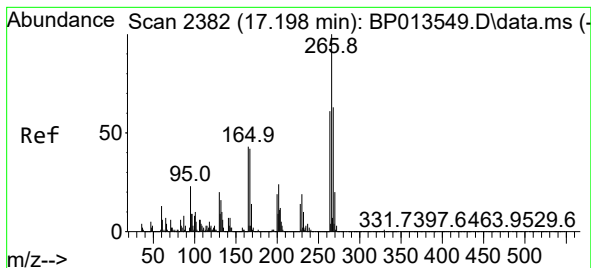
Tgt Ion:138 Resp: 139
Ion Ratio Lower Upper
138 100
92 43.3 32.3 72.3
108 82.7 59.2 99.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP013584.D
Acq: 24 Jan 2023 22:44

Tgt Ion:188 Resp: 1519829
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.9 8.2 12.2





#70

Pentachlorophenol

Concen: 5.366 ng

RT: 17.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

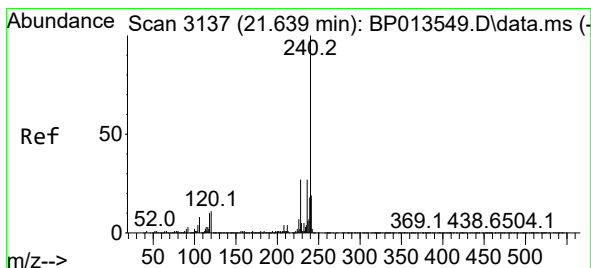
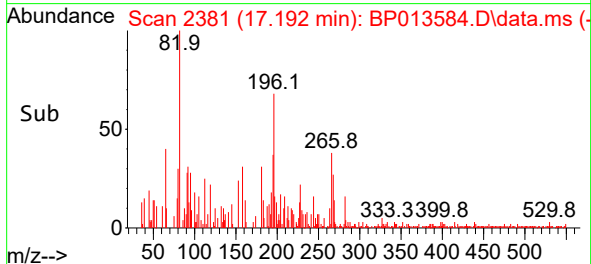
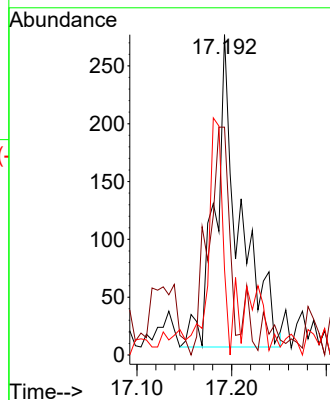
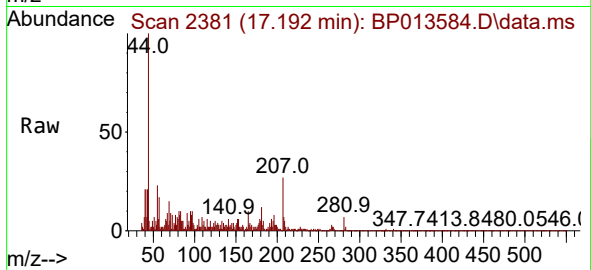
Tgt Ion:266 Resp: 478

Ion Ratio Lower Upper

266 100

268 71.1 50.7 76.1

264 26.7 48.9 73.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

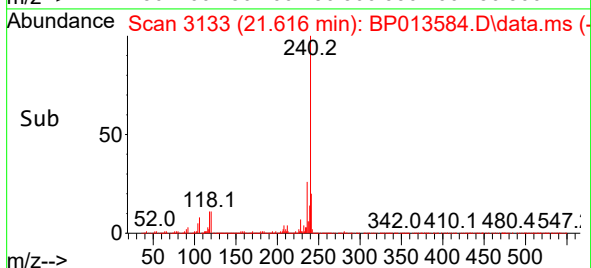
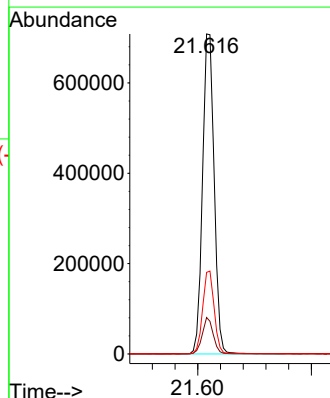
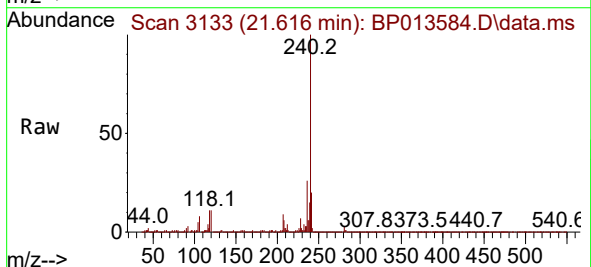
Tgt Ion:240 Resp: 1004639

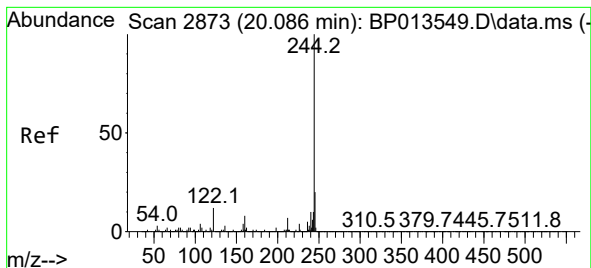
Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 25.5 21.3 31.9





#79

Terphenyl-d14

Concen: 65.165 ng

RT: 20.075 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

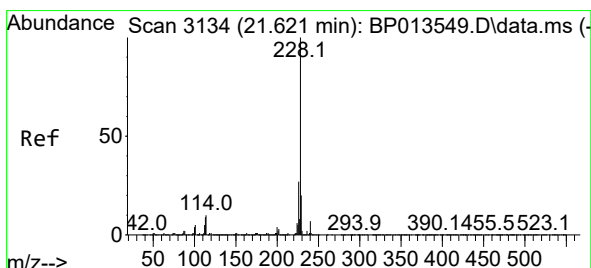
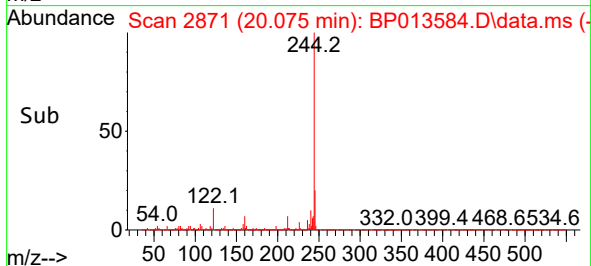
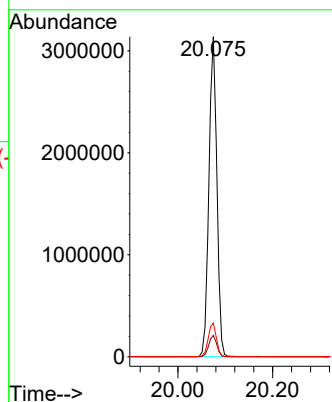
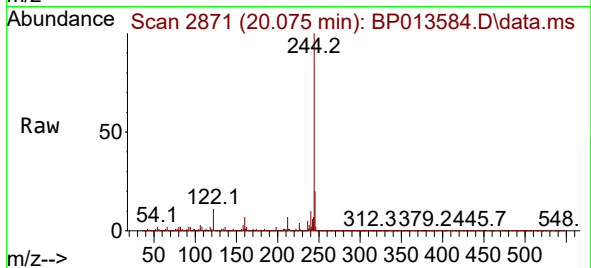
Tgt Ion:244 Resp: 3639080

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.5 9.2 13.8



#81

Benzo(a)anthracene

Concen: 2.618 ng

RT: 21.604 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

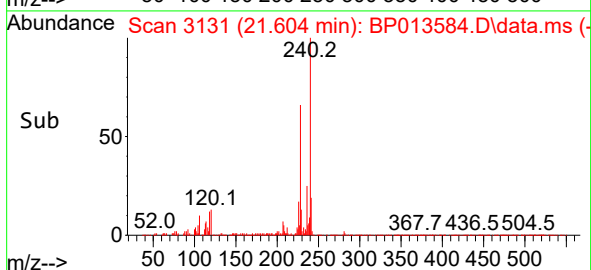
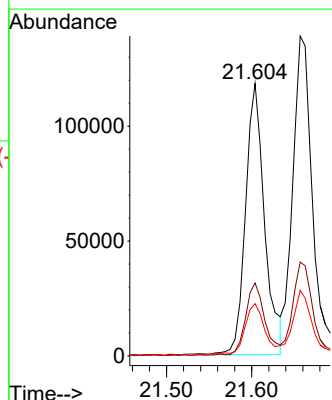
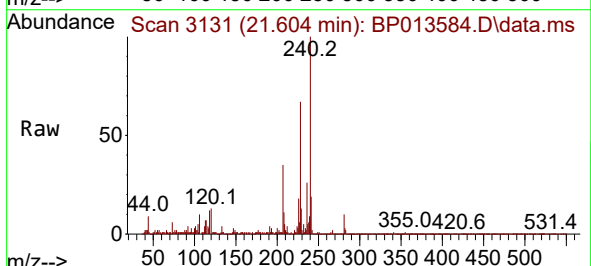
Tgt Ion:228 Resp: 183252

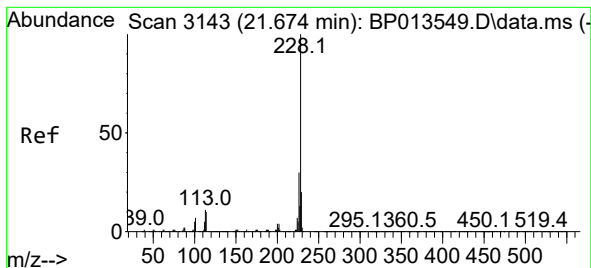
Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.2 15.8 23.6





#83

Chrysene

Concen: 3.285 ng

RT: 21.657 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17

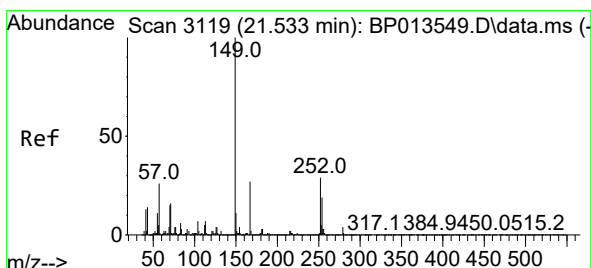
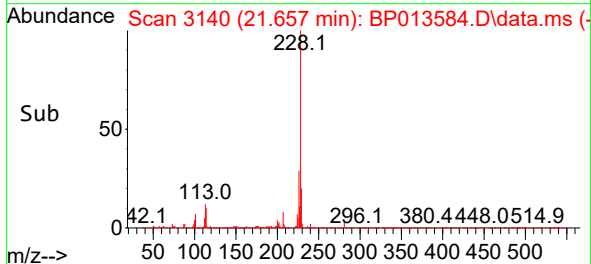
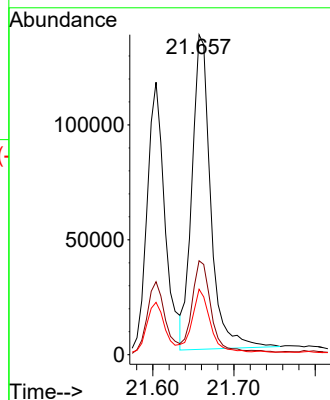
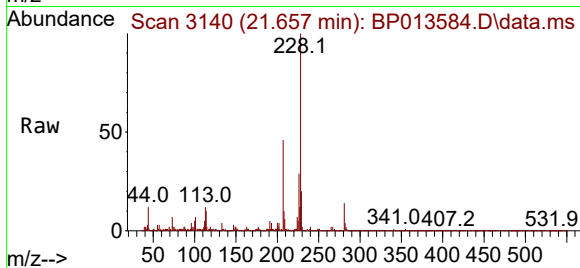
Tgt Ion:228 Resp: 219895

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 20.5 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.908 ng

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP013584.D

Acq: 24 Jan 2023 22:44

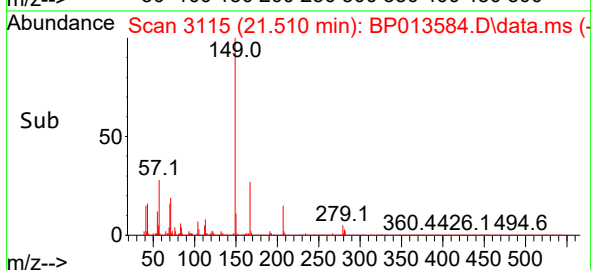
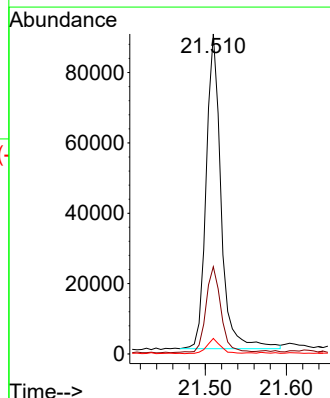
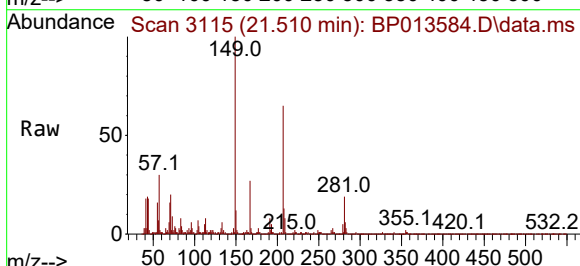
Tgt Ion:149 Resp: 113817

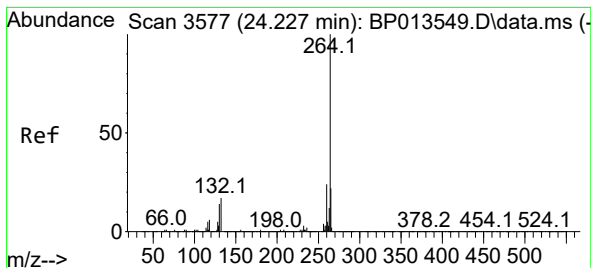
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

279 4.8 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.204 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013584.D

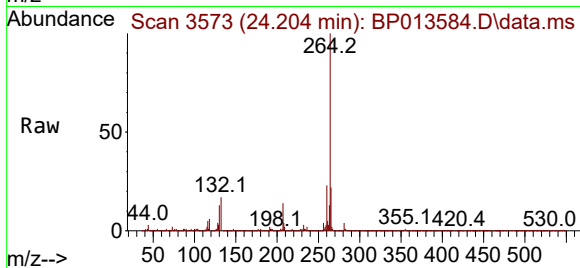
Acq: 24 Jan 2023 22:44

Instrument :

BNA_P

ClientSampleId :

WC-17



Tgt Ion:264 Resp: 1335170

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.6 17.4 26.2

