

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
 Data File : BP013564.D
 Acq On : 24 Jan 2023 11:09
 Operator : CG/JU
 Sample : 01239-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BORING-3

Quant Time: Jan 25 03:46:17 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)

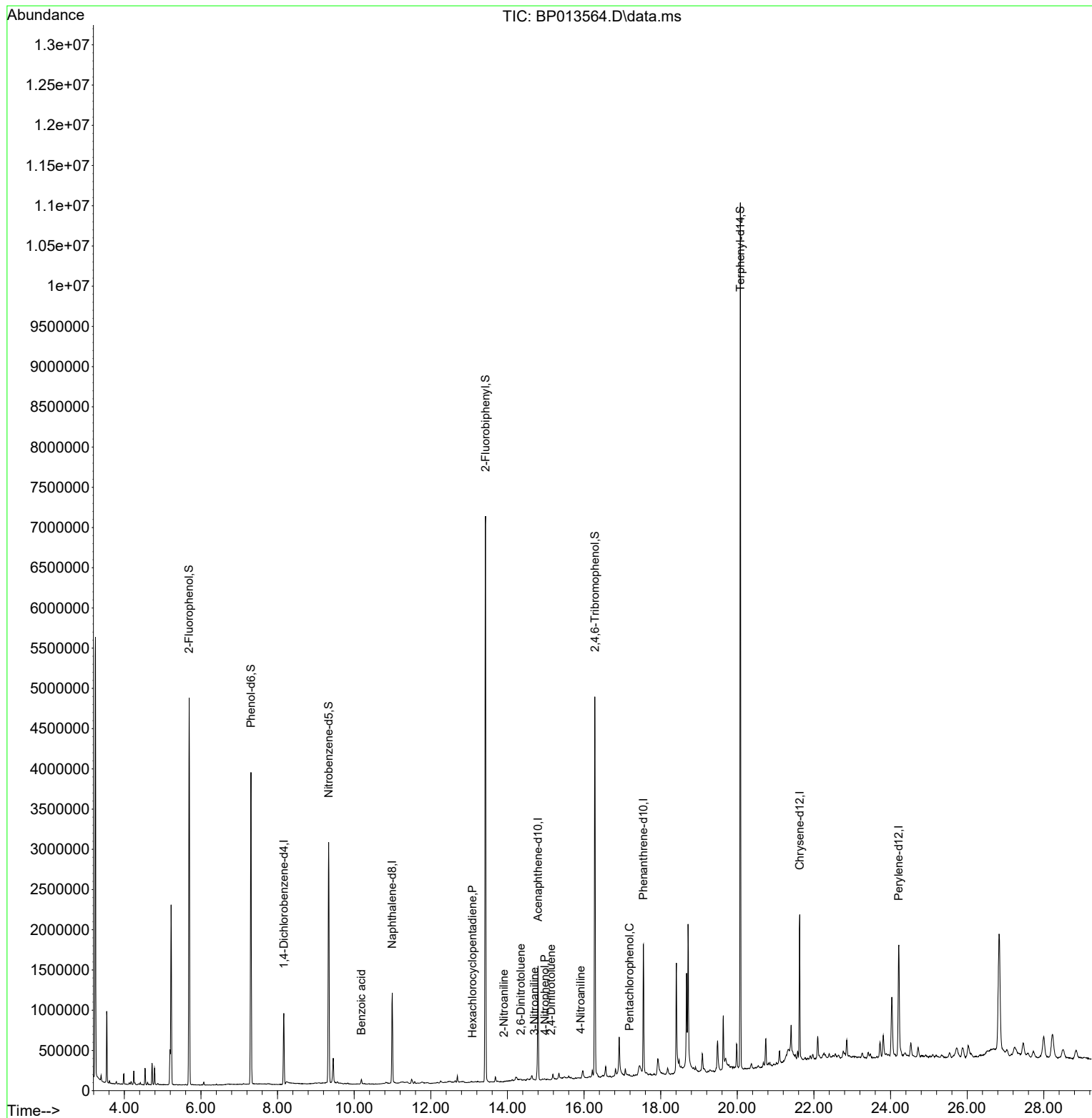
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	241112	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	911829	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	486427	20.000	ng	0.00
64) Phenanthrene-d10	17.545	188	964882	20.000	ng	0.00
76) Chrysene-d12	21.627	240	862041	20.000	ng	0.00
86) Perylene-d12	24.215	264	1102402	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	2069588	147.066	ng	0.00
7) Phenol-d6	7.304	99	2273340	120.030	ng	0.00
23) Nitrobenzene-d5	9.334	82	1680665	121.681	ng	0.00
42) 2,4,6-Tribromophenol	16.280	330	914008	187.332	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	3708443	104.649	ng	0.00
79) Terphenyl-d14	20.080	244	4898192	102.221	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.187	122	23160	7.285	ng	94
41) Hexachlorocyclopentadiene	13.087	237	52	3.910	ng	87
48) 2-Nitroaniline	13.910	65	201	6.241	ng	# 47
51) 2,6-Dinitrotoluene	14.345	165	132	5.180	ng	# 76
53) 3-Nitroaniline	14.704	138	261	5.436	ng	# 55
54) 2,4-Dinitrophenol	14.881	184	114	Below Cal	#	1
56) 4-Nitrophenol	14.981	139	1960	5.491	ng	# 82
57) 2,4-Dinitrotoluene	15.139	165	515	5.248	ng	# 74
62) 4-Nitroaniline	15.910	138	140	3.680	ng	92
70) Pentachlorophenol	17.186	266	994	5.449	ng	99

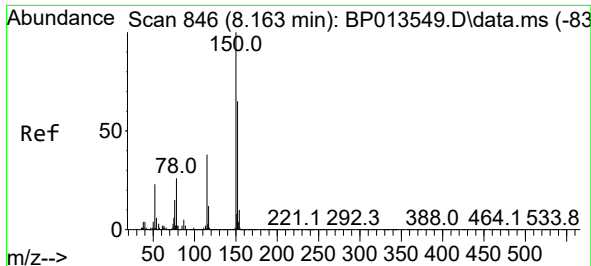
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013564.D
Acq On : 24 Jan 2023 11:09
Operator : CG/JU
Sample : 01239-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BORING-3

Quant Time: Jan 25 03:46:17 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

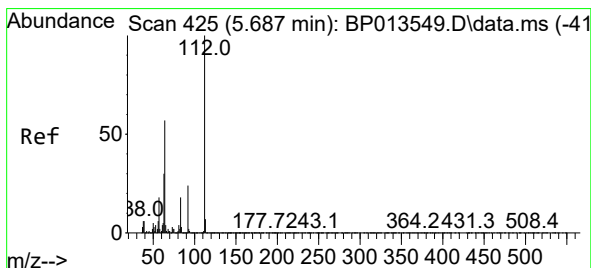
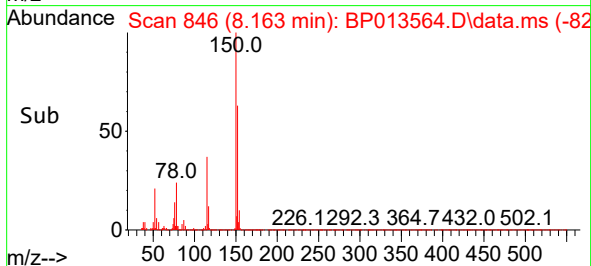
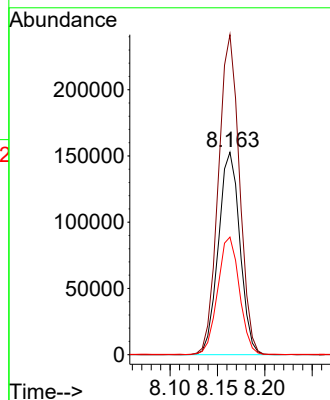
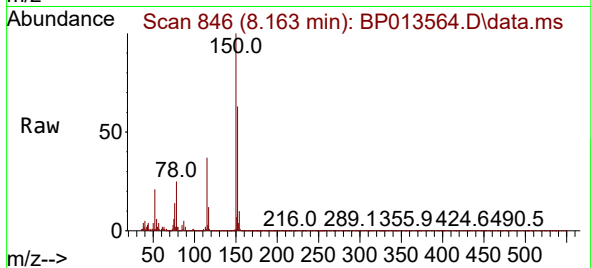




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.163 min Scan# 846
Delta R.T. -0.001 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

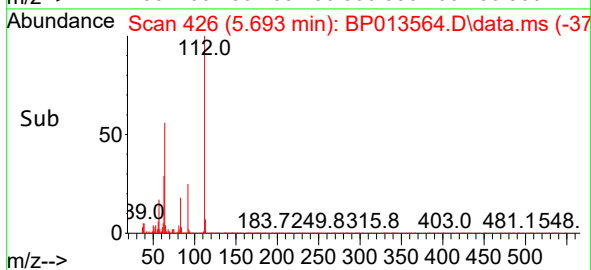
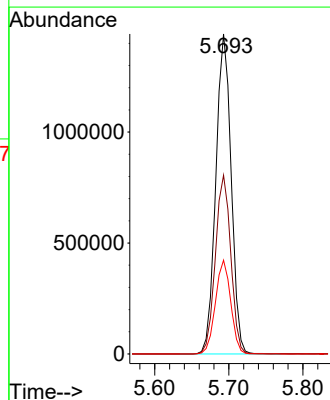
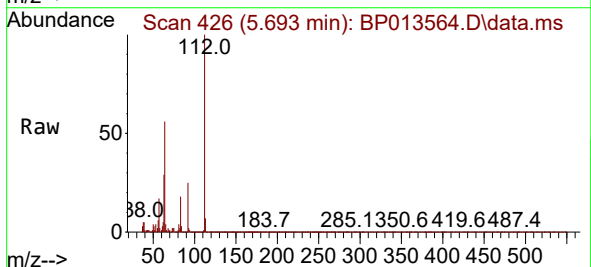
Instrument :
BNA_P
ClientSampleId :
BORING-3

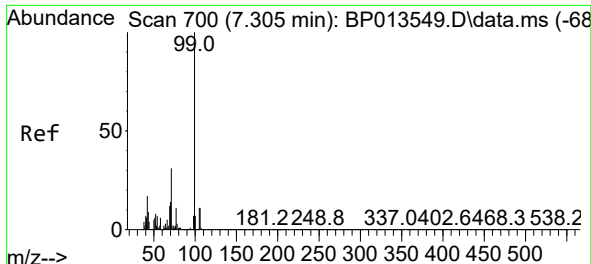
Tgt Ion:152 Resp: 241112
Ion Ratio Lower Upper
152 100
150 158.1 122.4 183.6
115 58.1 46.1 69.1



#5
2-Fluorophenol
Concen: 147.066 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.006 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

Tgt Ion:112 Resp: 2069588
Ion Ratio Lower Upper
112 100
64 55.9 45.4 68.0
63 29.3 24.1 36.1

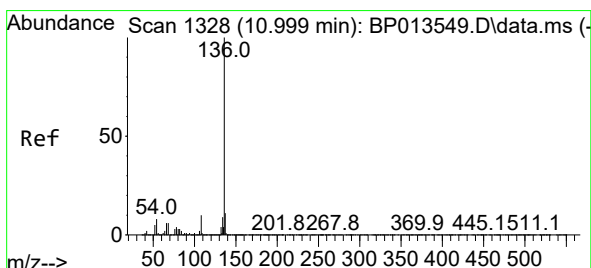
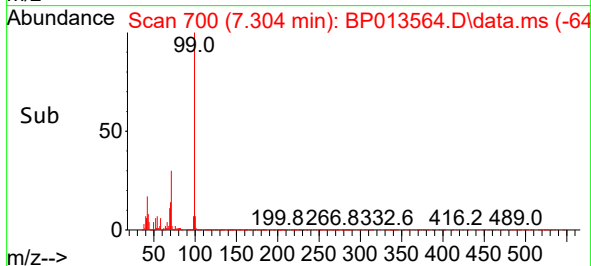
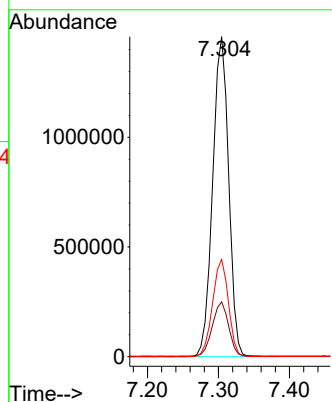
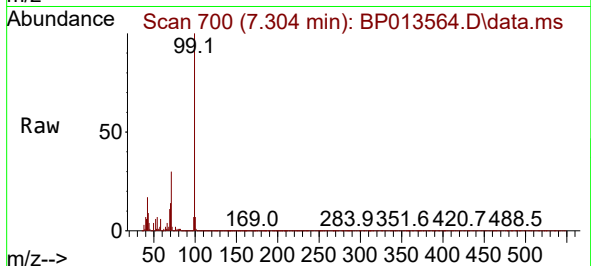




#7
Phenol-d6
Concen: 120.030 ng
RT: 7.304 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

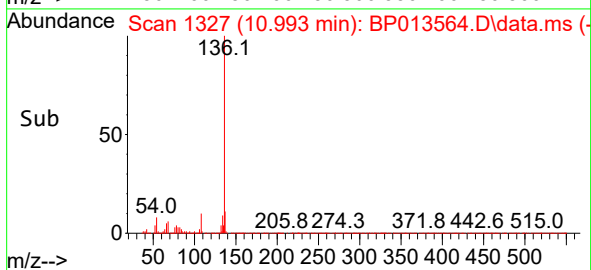
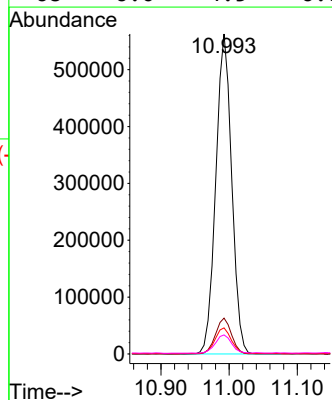
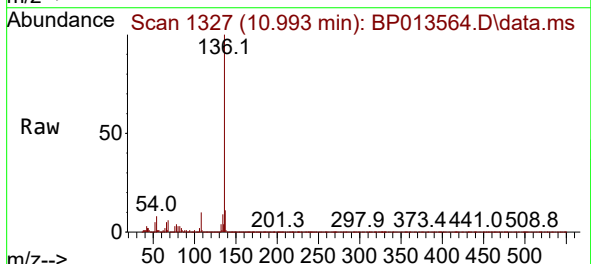
Instrument :
BNA_P
ClientSampleId :
BORING-3

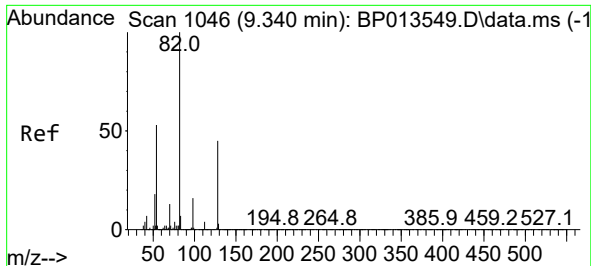
Tgt Ion: 99 Resp: 2273340
Ion Ratio Lower Upper
99 100
42 17.1 14.0 21.0
71 30.4 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.993 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

Tgt Ion:136 Resp: 911829
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.2 6.6 9.8
68 6.0 4.5 6.7

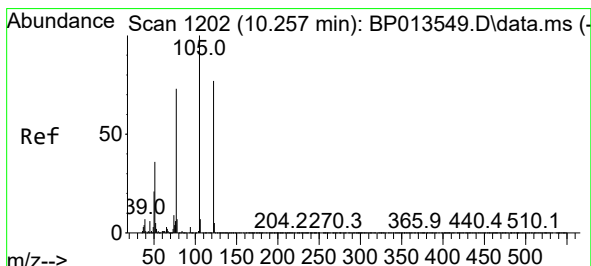
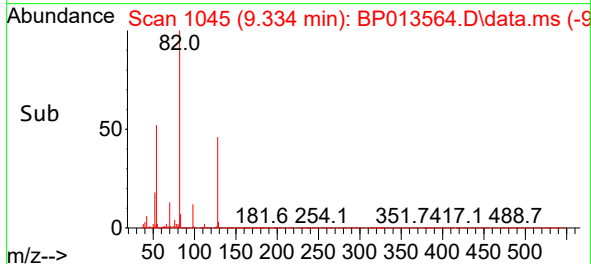
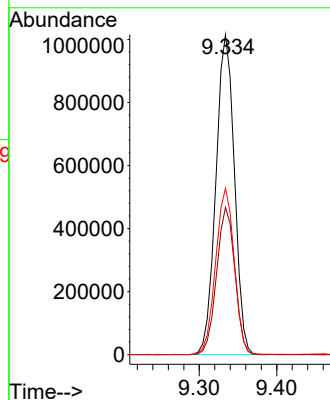
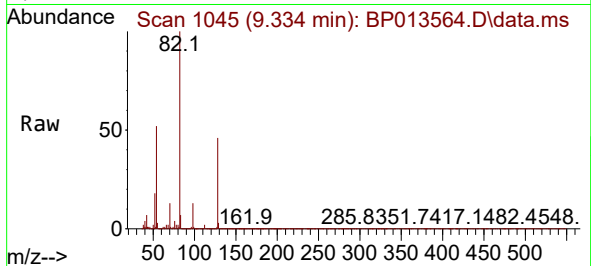




#23
Nitrobenzene-d5
Concen: 121.681 ng
RT: 9.334 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

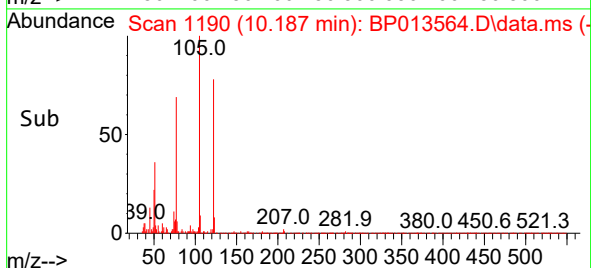
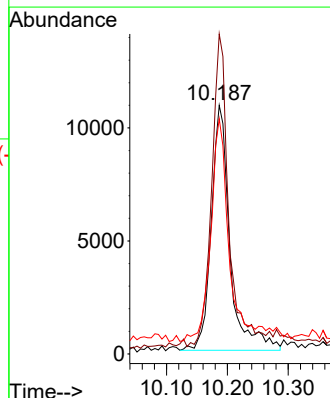
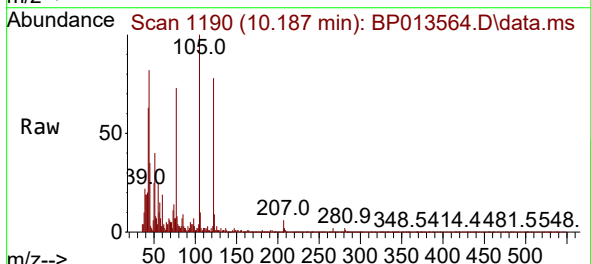
Instrument :
BNA_P
ClientSampleId :
BORING-3

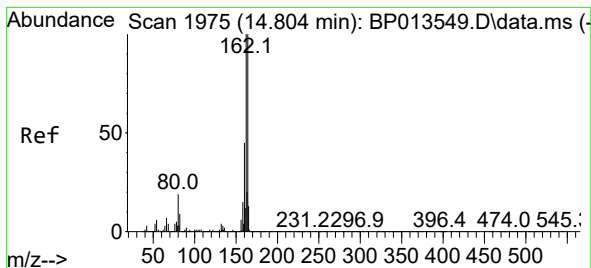
Tgt Ion: 82 Resp: 1680665
Ion Ratio Lower Upper
82 100
128 46.0 35.8 53.6
54 52.0 42.6 64.0



#32
Benzoic acid
Concen: 7.285 ng
RT: 10.187 min Scan# 1190
Delta R.T. -0.083 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

Tgt Ion:122 Resp: 23160
Ion Ratio Lower Upper
122 100
105 128.7 100.5 140.5
77 94.6 70.9 110.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.798 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BP013564.D

Acq: 24 Jan 2023 11:09

Instrument :

BNA_P

ClientSampleId :

BORING-3

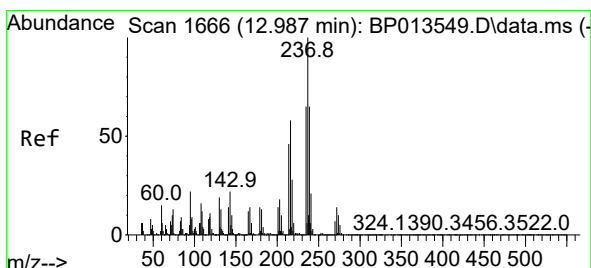
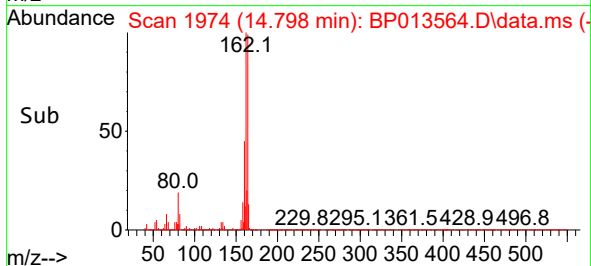
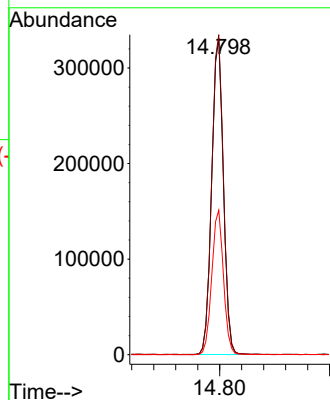
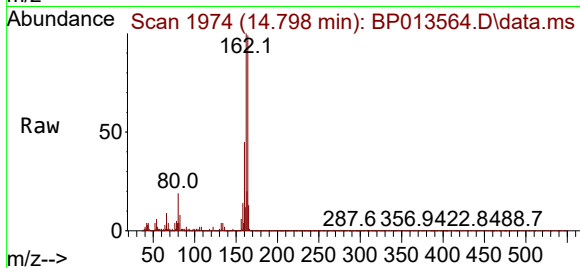
Tgt Ion:164 Resp: 486427

Ion Ratio Lower Upper

164 100

162 101.1 80.1 120.1

160 45.7 35.9 53.9



#41

Hexachlorocyclopentadiene

Concen: 3.910 ng

RT: 13.087 min Scan# 1683

Delta R.T. 0.106 min

Lab File: BP013564.D

Acq: 24 Jan 2023 11:09

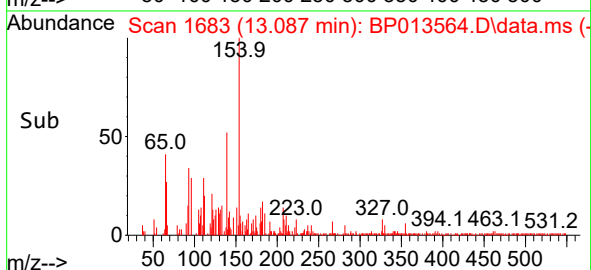
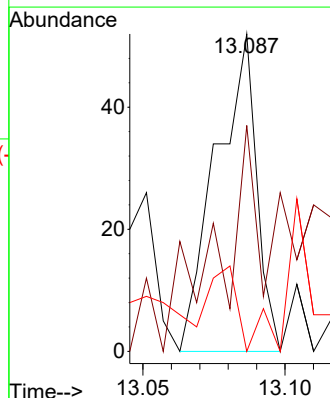
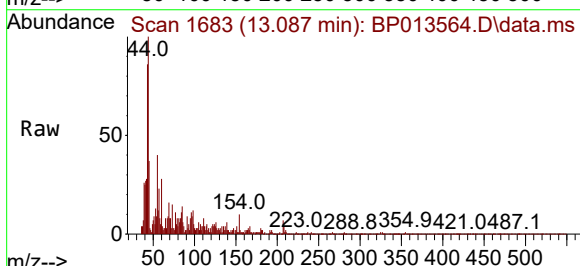
Tgt Ion:237 Resp: 52

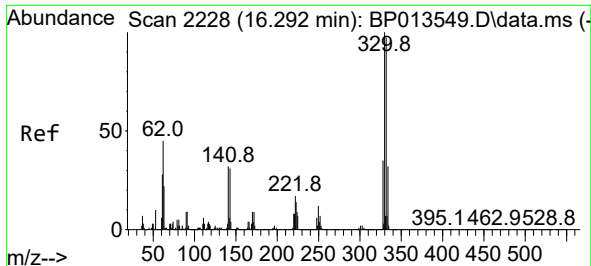
Ion Ratio Lower Upper

237 100

235 71.2 44.6 84.6

272 0.0 0.0 33.9

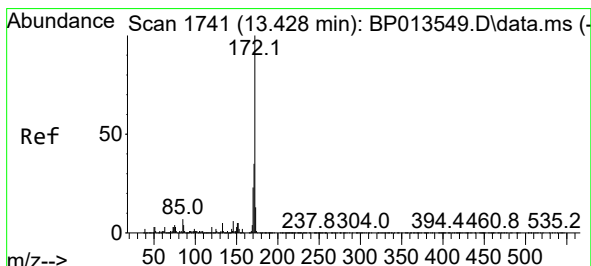
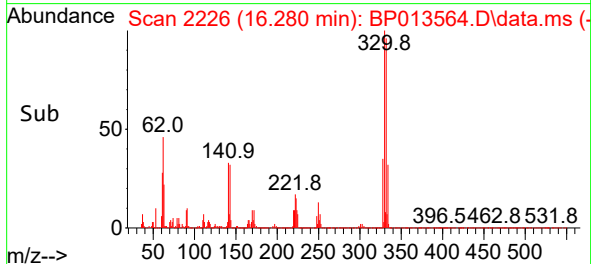
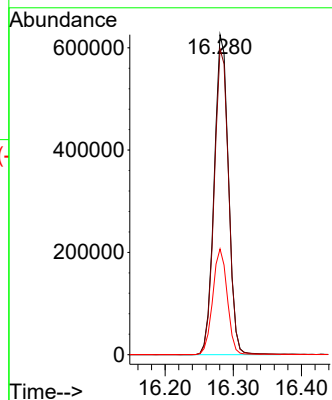
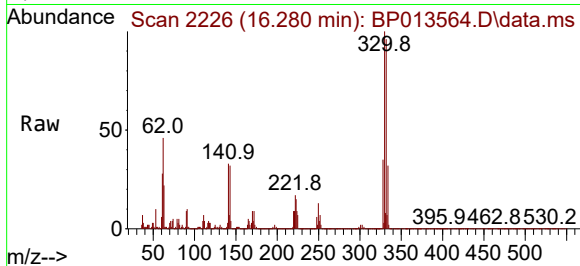




#42
2,4,6-Tribromophenol
Concen: 187.332 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

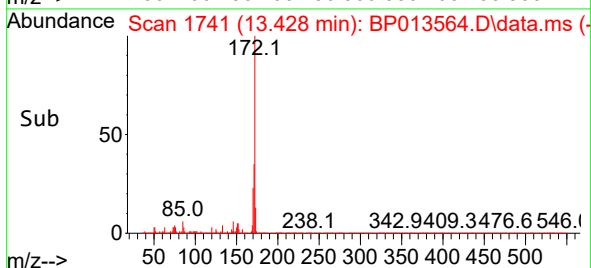
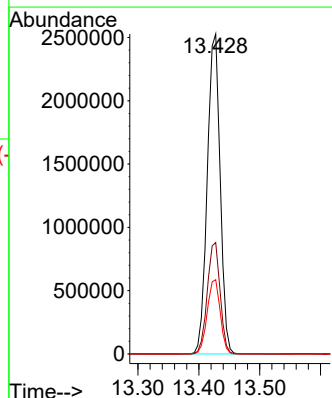
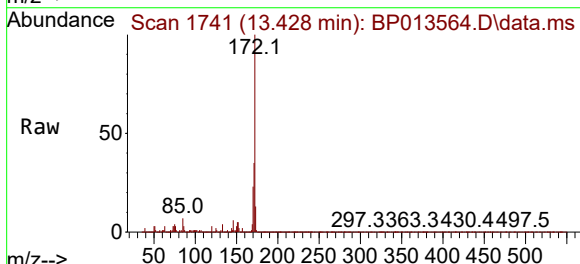
Instrument :
BNA_P
ClientSampleId :
BORING-3

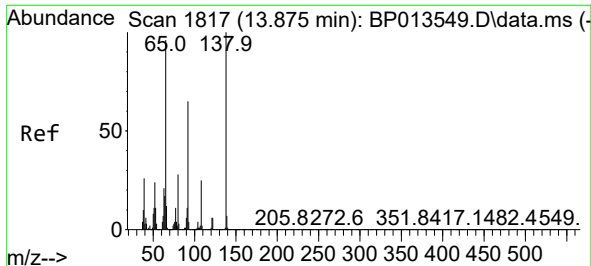
Tgt Ion:330 Resp: 914008
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 33.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 104.649 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

Tgt Ion:172 Resp: 3708443
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.2 18.6 27.8

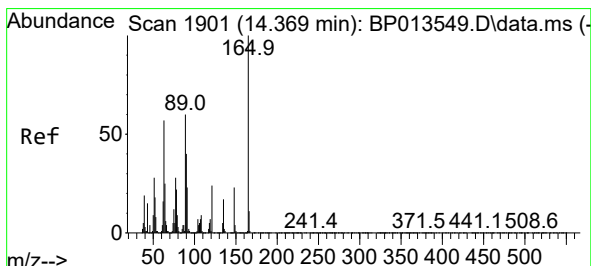
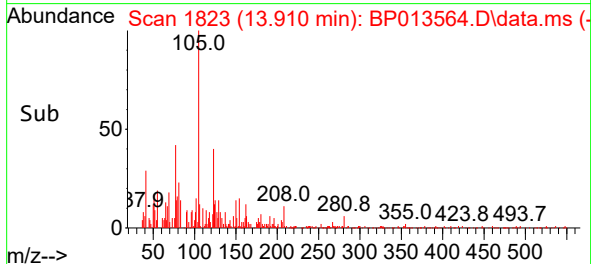
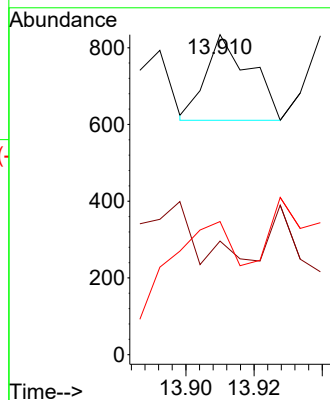
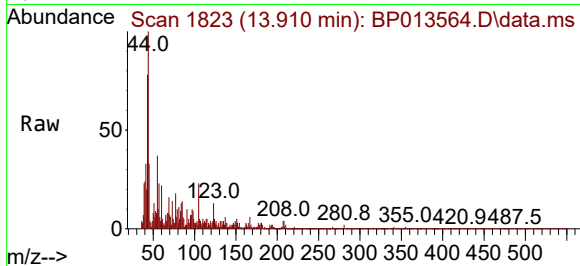




#48
2-Nitroaniline
Concen: 6.241 ng
RT: 13.910 min Scan# 1817
Delta R.T. 0.035 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

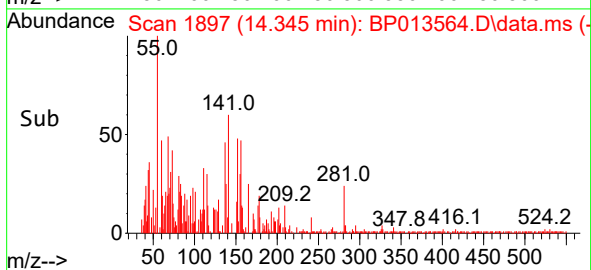
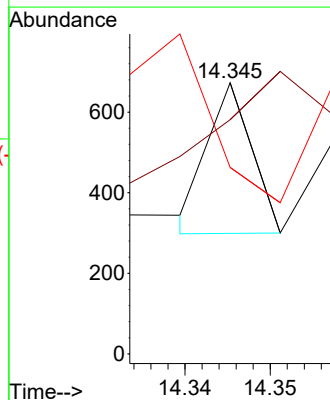
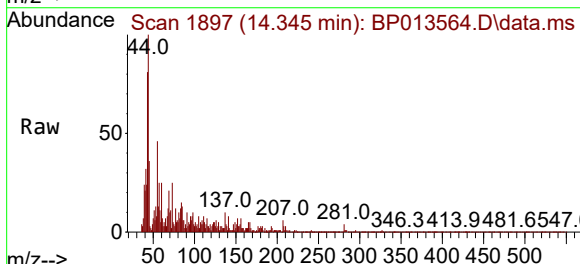
Instrument :
BNA_P
ClientSampleId :
BORING-3

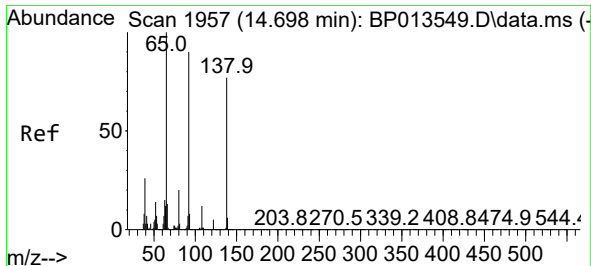
Tgt Ion: 65 Resp: 201
Ion Ratio Lower Upper
65 100
92 35.5 54.1 81.1#
138 41.6 83.6 125.4#



#51
2,6-Dinitrotoluene
Concen: 5.180 ng
RT: 14.345 min Scan# 1897
Delta R.T. -0.018 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

Tgt Ion:165 Resp: 132
Ion Ratio Lower Upper
165 100
63 86.3 47.2 70.8#
89 68.8 47.8 71.6

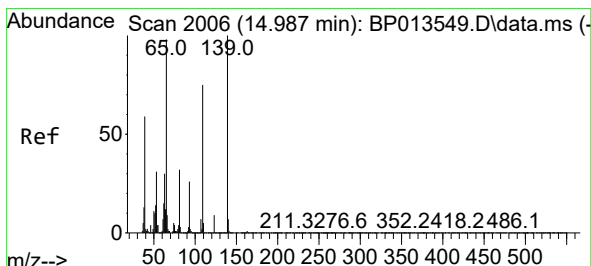
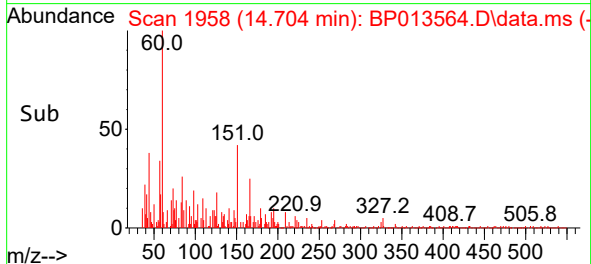
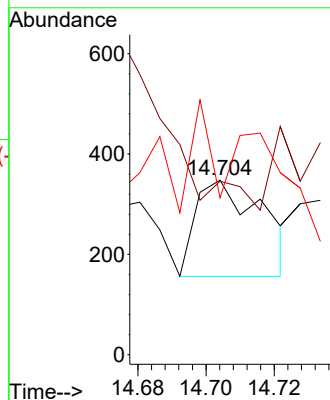
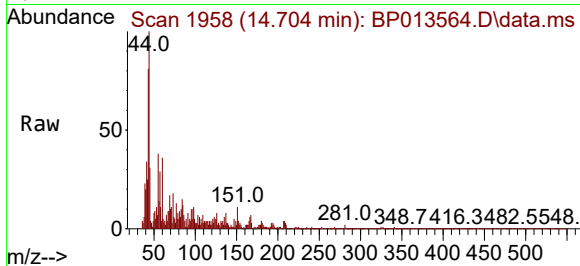




#53
3-Nitroaniline
Concen: 5.436 ng
RT: 14.704 min Scan# 1957
Delta R.T. 0.011 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

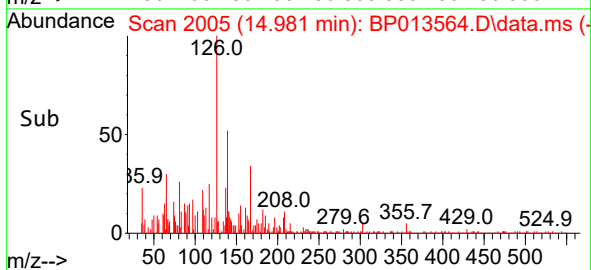
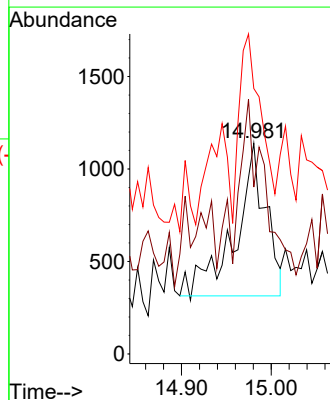
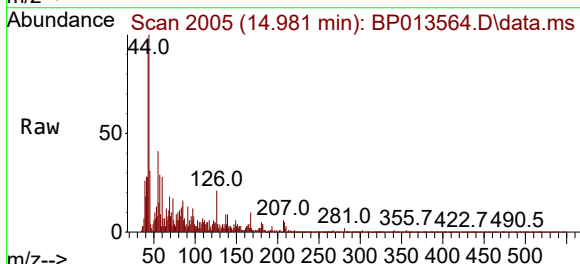
Instrument :
BNA_P
ClientSampleId :
BORING-3

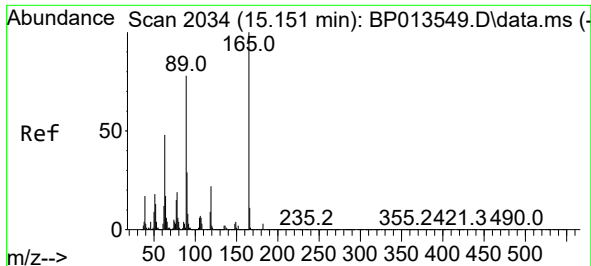
Tgt Ion:138 Resp: 261
Ion Ratio Lower Upper
138 100
108 99.4 12.8 19.2#
92 89.9 93.3 139.9#



#56
4-Nitrophenol
Concen: 5.491 ng
RT: 14.981 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

Tgt Ion:139 Resp: 1960
Ion Ratio Lower Upper
139 100
109 79.2 55.0 95.0
65 126.0 77.7 117.7#

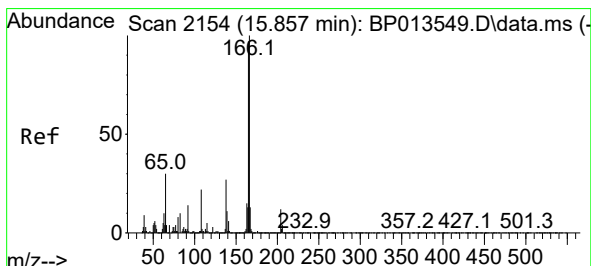
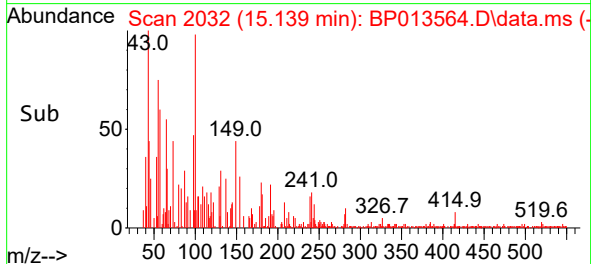
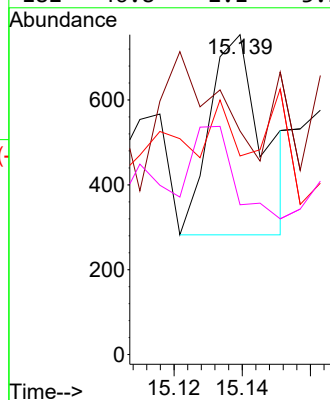
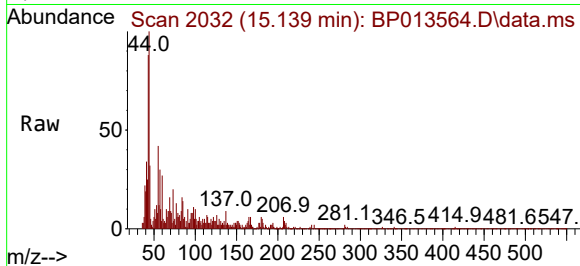




#57
2,4-Dinitrotoluene
Concen: 5.248 ng
RT: 15.139 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

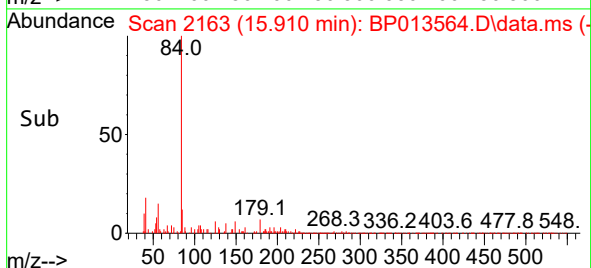
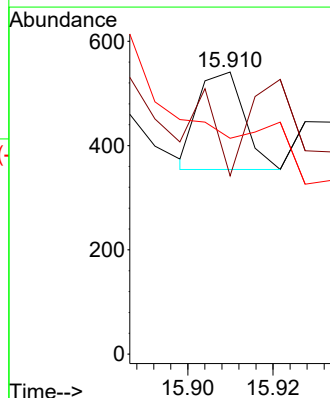
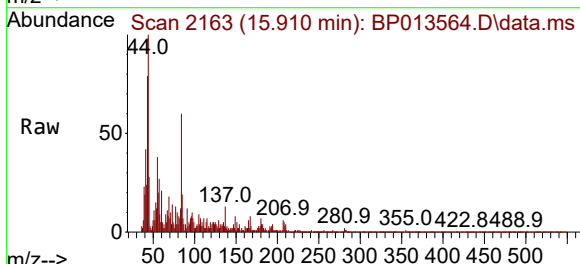
Instrument :
BNA_P
ClientSampleId :
BORING-3

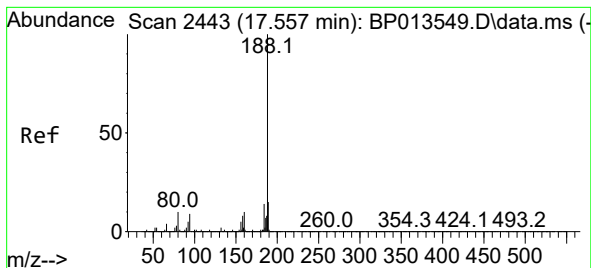
Tgt Ion:165 Resp: 515
Ion Ratio Lower Upper
165 100
63 69.9 38.3 57.5#
89 62.1 62.1 93.1#
182 46.8 2.1 3.1#



#62
4-Nitroaniline
Concen: 3.680 ng
RT: 15.910 min Scan# 2163
Delta R.T. 0.053 min
Lab File: BP013564.D
Acq: 24 Jan 2023 11:09

Tgt Ion:138 Resp: 140
Ion Ratio Lower Upper
138 100
92 63.2 32.3 72.3
108 76.5 59.2 99.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.545 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP013564.D

Acq: 24 Jan 2023 11:09

Instrument :

BNA_P

ClientSampleId :

BORING-3

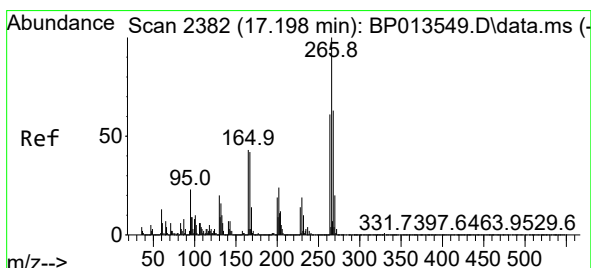
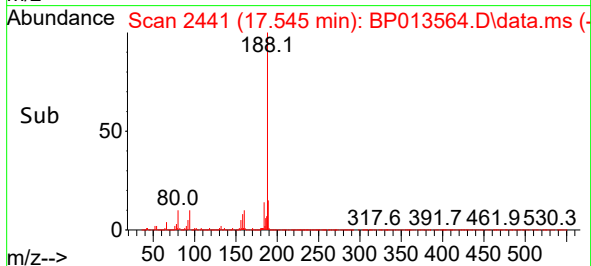
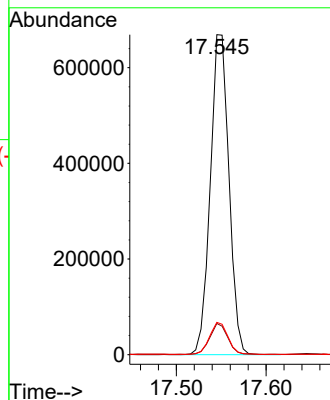
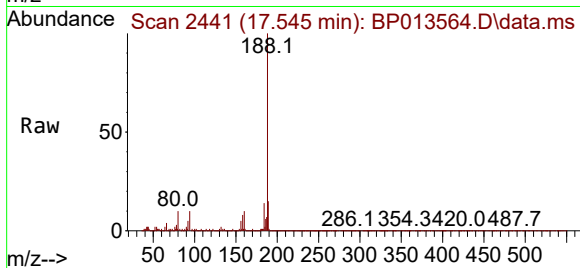
Tgt Ion:188 Resp: 964882

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

80 10.1 8.2 12.2



#70

Pentachlorophenol

Concen: 5.449 ng

RT: 17.186 min Scan# 2380

Delta R.T. -0.006 min

Lab File: BP013564.D

Acq: 24 Jan 2023 11:09

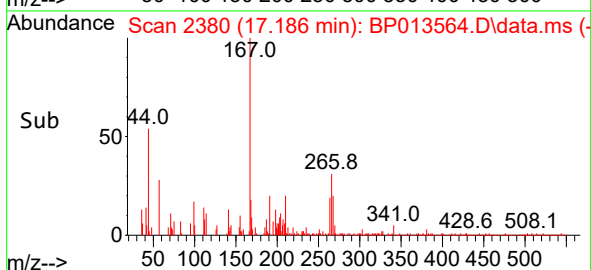
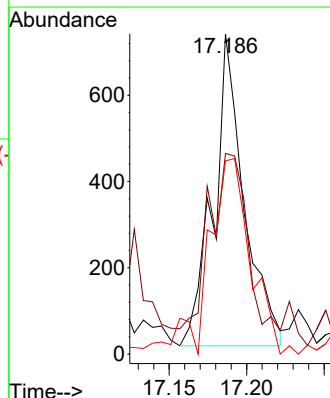
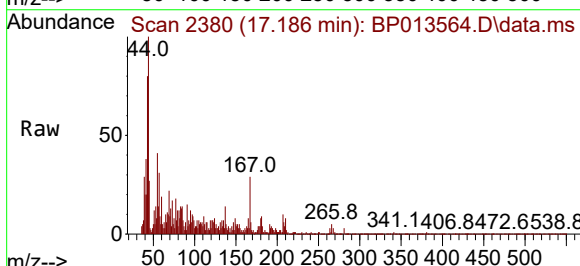
Tgt Ion:266 Resp: 994

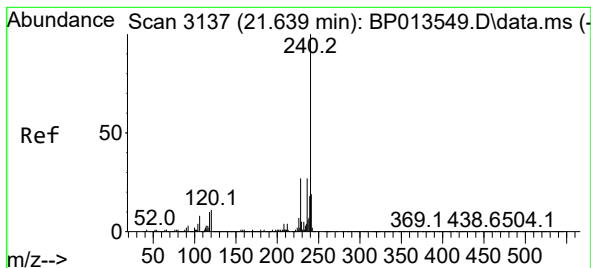
Ion Ratio Lower Upper

266 100

268 62.7 50.7 76.1

264 60.4 48.9 73.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3137

Delta R.T. -0.000 min

Lab File: BP013564.D

Acq: 24 Jan 2023 11:09

Instrument :

BNA_P

ClientSampleId :

BORING-3

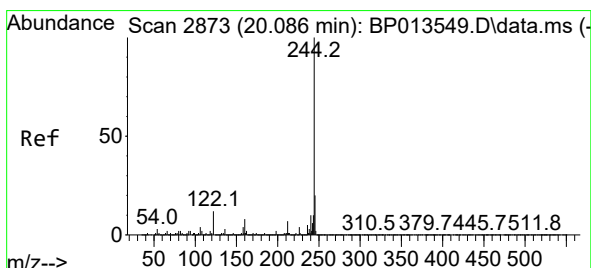
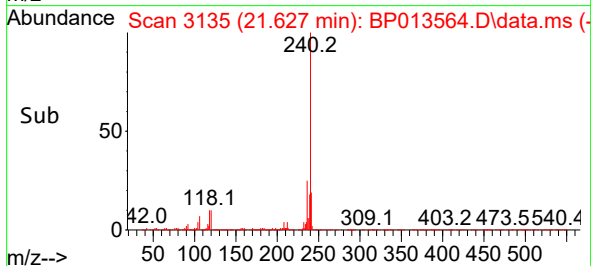
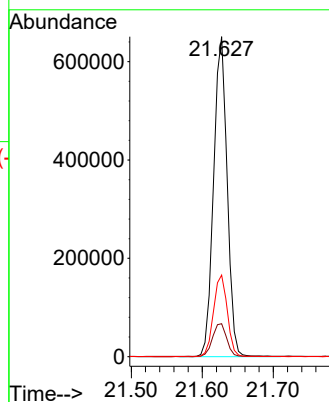
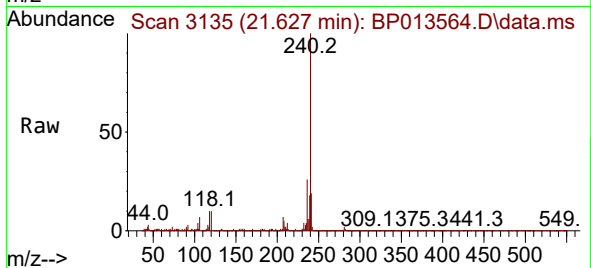
Tgt Ion:240 Resp: 862041

Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

236 25.5 21.3 31.9



#79

Terphenyl-d14

Concen: 102.221 ng

RT: 20.080 min Scan# 2872

Delta R.T. -0.000 min

Lab File: BP013564.D

Acq: 24 Jan 2023 11:09

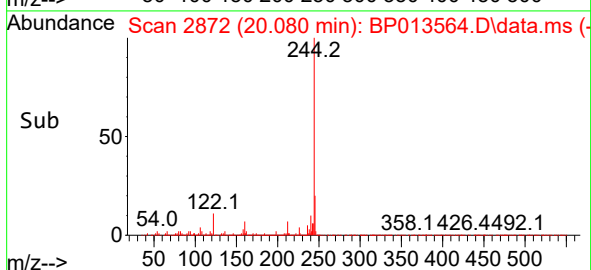
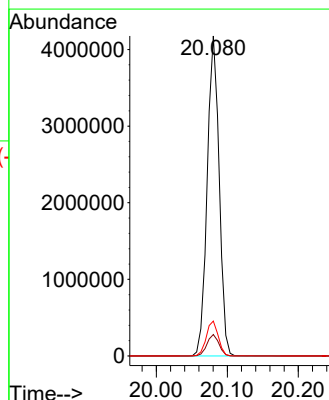
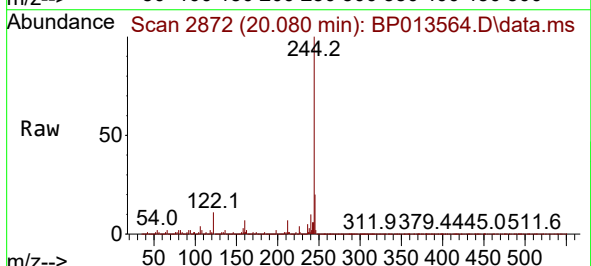
Tgt Ion:244 Resp: 4898192

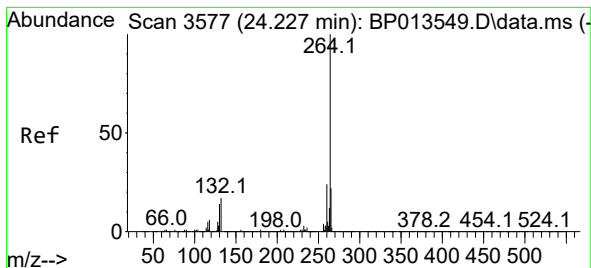
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.9 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.215 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP013564.D

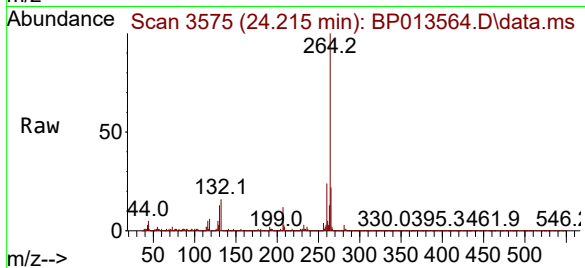
Acq: 24 Jan 2023 11:09

Instrument :

BNA_P

ClientSampleId :

BORING-3



Tgt Ion:264 Resp: 1102402

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.7 17.4 26.2

