

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011783.D
 Acq On : 23 Sep 2022 13:30
 Operator : CG/JU
 Sample : N4609--06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DSN003

Quant Time: Sep 24 01:34:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

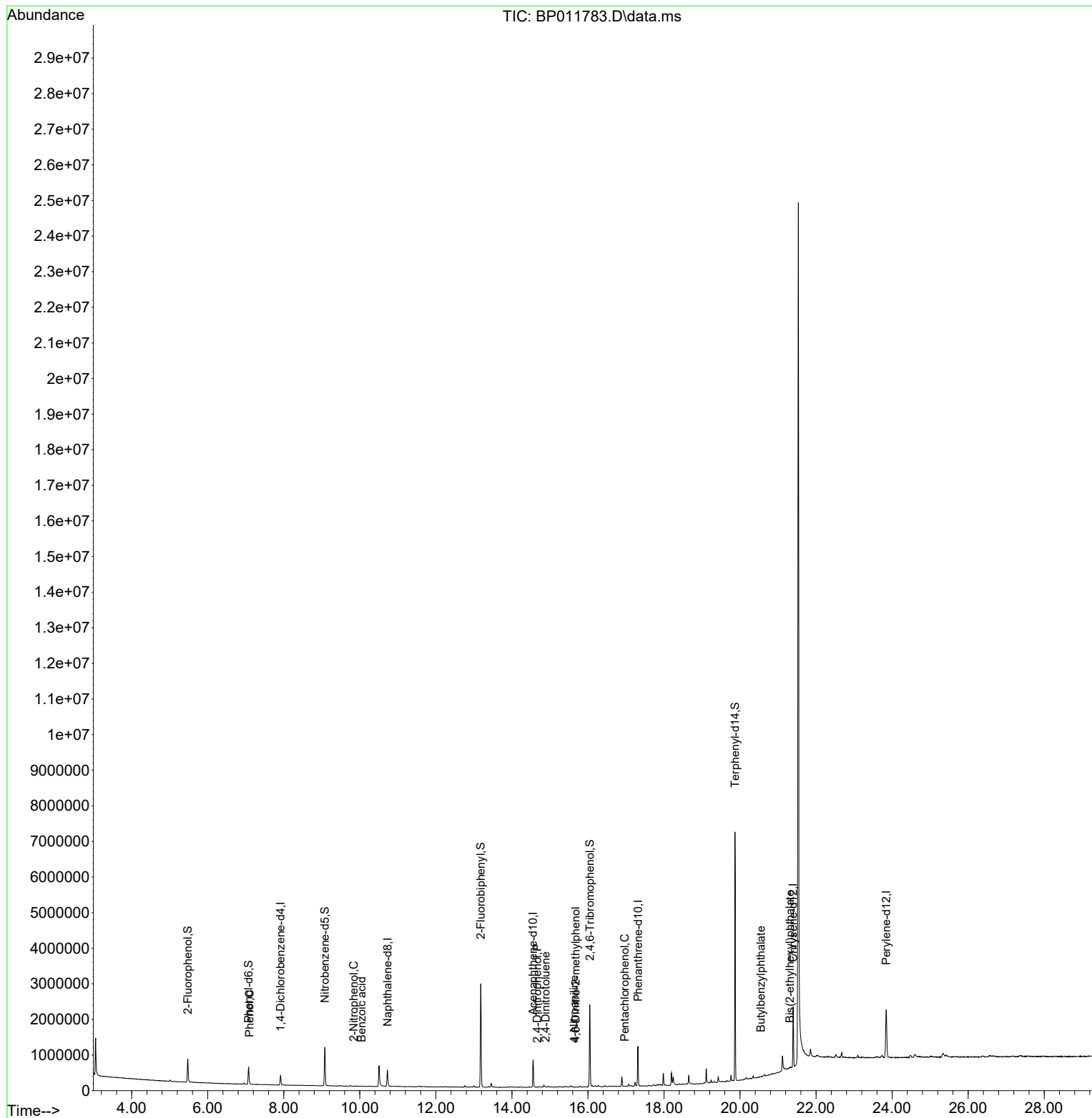
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	72314	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	363173	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	242471	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	606458	20.000	ng	0.00
76) Chrysene-d12	21.398	240	705343	20.000	ng	0.00
86) Perylene-d12	23.845	264	866551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	314538	76.318	ng	0.00
7) Phenol-d6	7.075	99	288472	47.338	ng	0.00
23) Nitrobenzene-d5	9.081	82	635431	91.578	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	284105	174.012	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1416453	92.381	ng	-0.01
79) Terphenyl-d14	19.869	244	2682768	87.455	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.099	94	13813	2.012	ng	78
26) 2-Nitrophenol	9.840	139	81	3.357	ng	# 1
32) Benzoic acid	10.046	122	46	6.768	ng	# 1
54) 2,4-Dinitrophenol	14.669	184	49	6.749	ng	# 1
57) 2,4-Dinitrotoluene	14.886	165	242	2.581	ng	# 1
62) 4-Nitroaniline	15.639	138	176	2.418	ng	# 49
65) 4,6-Dinitro-2-methylph...	15.675	198	65	5.639	ng	# 1
70) Pentachlorophenol	16.969	266	62	4.400	ng	# 52
80) Butylbenzylphthalate	20.545	149	475	2.703	ng	# 41
84) Bis(2-ethylhexyl)phtha...	21.310	149	5747	2.061	ng	# 87

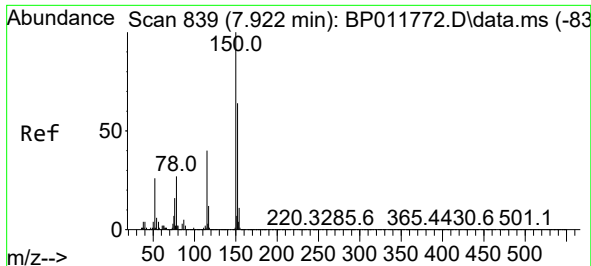
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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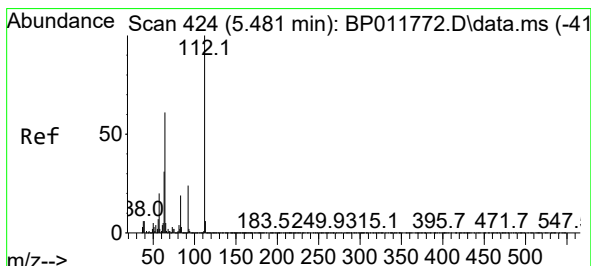
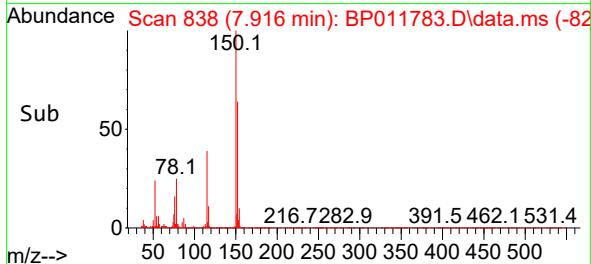
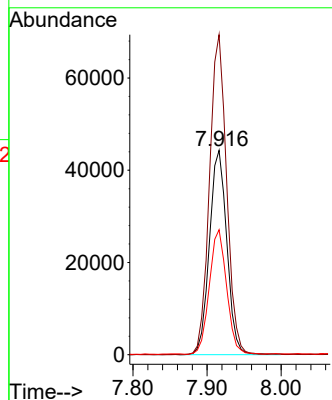
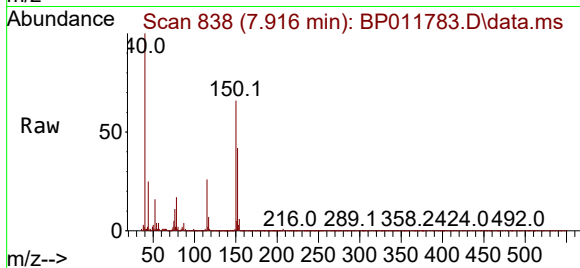




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

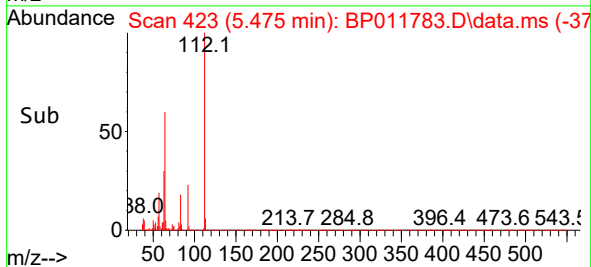
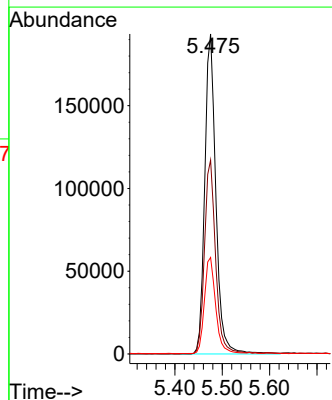
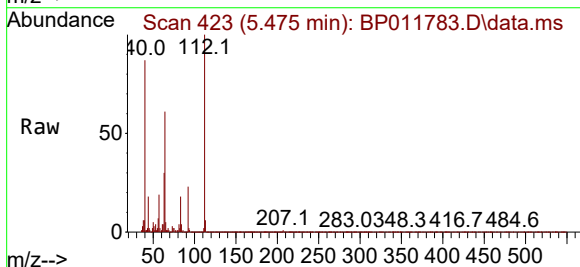
Instrument :
BNA_P
ClientSampleId :
DSN003

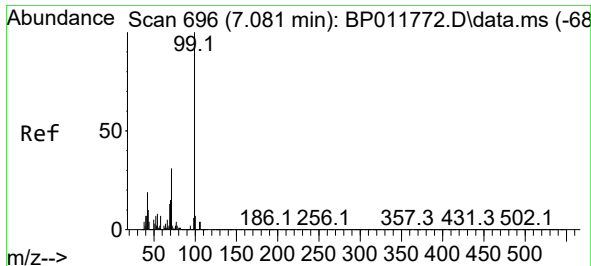
Tgt Ion:152 Resp: 72314
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.4
115 61.1 50.0 75.0



#5
2-Fluorophenol
Concen: 76.318 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

Tgt Ion:112 Resp: 314538
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 30.1 25.2 37.8

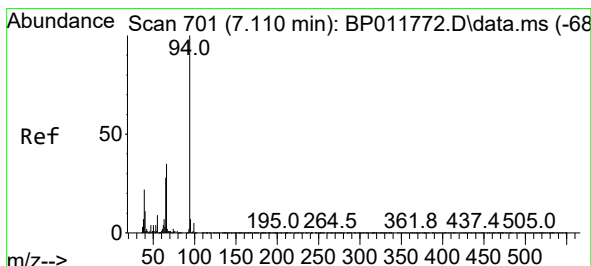
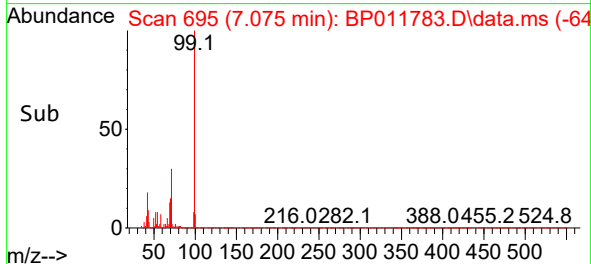
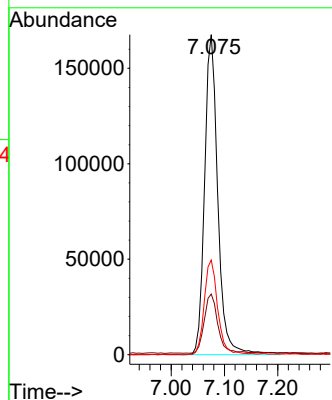
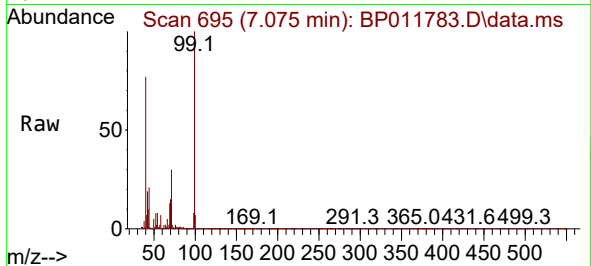




#7
Phenol-d6
Concen: 47.338 ng
RT: 7.075 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

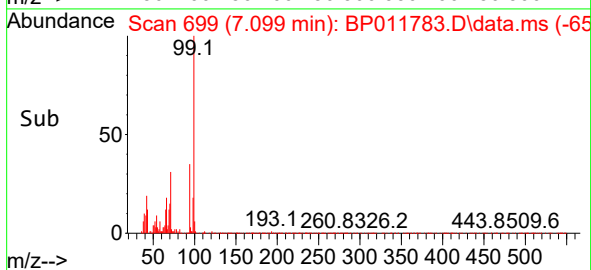
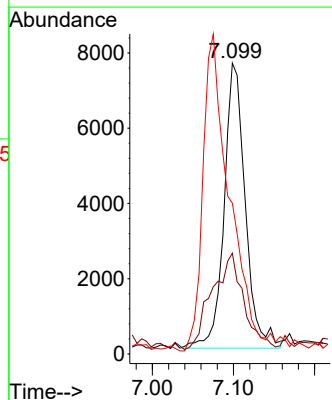
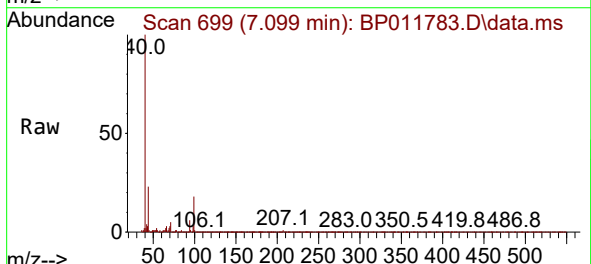
Instrument :
BNA_P
ClientSampleId :
DSN003

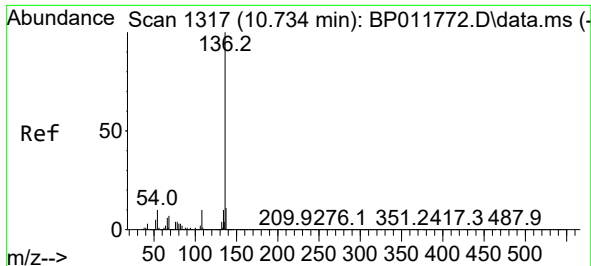
Tgt Ion: 99 Resp: 288472
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.2
71 29.5 24.7 37.1



#10
Phenol
Concen: 2.012 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.011 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

Tgt Ion: 94 Resp: 13813
Ion Ratio Lower Upper
94 100
65 34.7 8.1 48.1
66 51.8 14.7 54.7

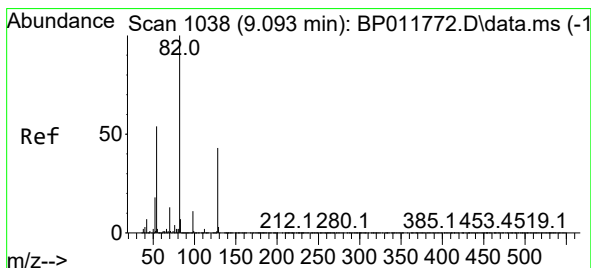
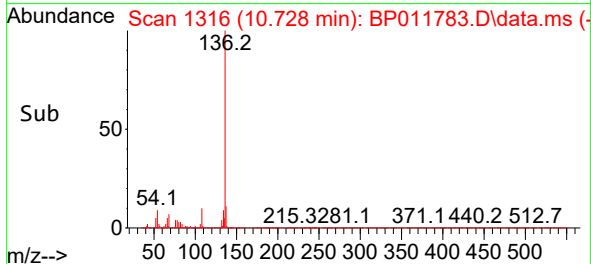
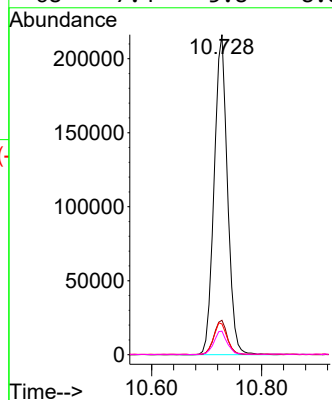
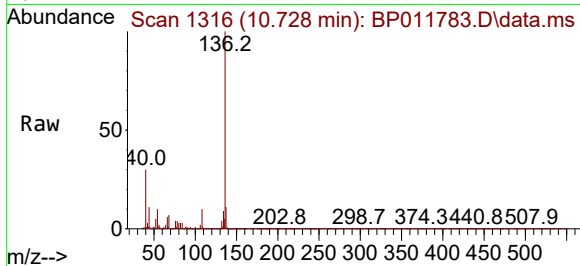




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

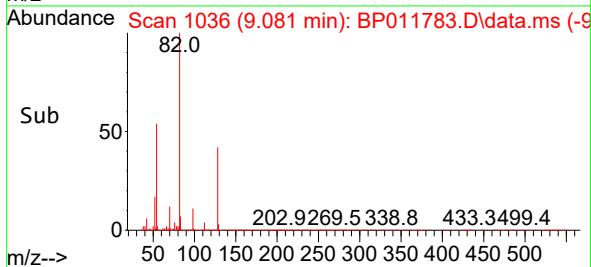
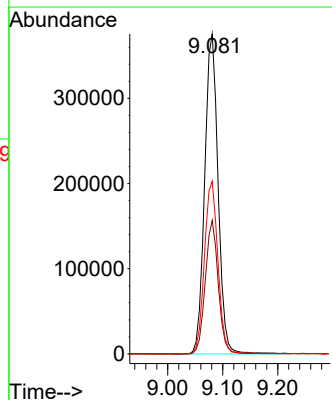
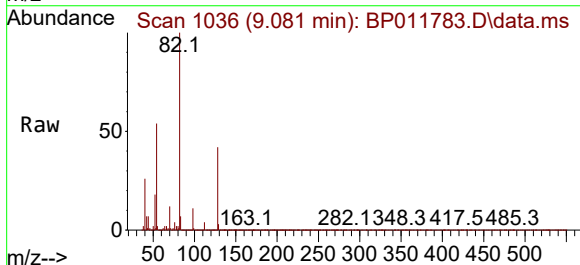
Instrument :
BNA_P
ClientSampleId :
DSN003

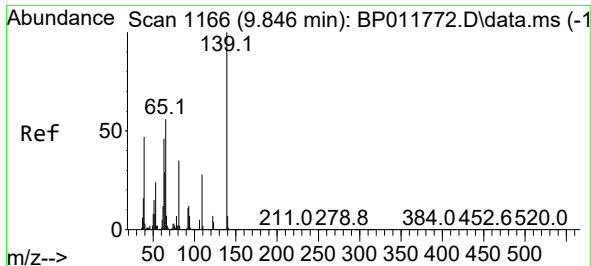
Tgt Ion:	136	Resp:	363173
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.6	8.2	12.4
68	7.4	5.8	8.8



#23
Nitrobenzene-d5
Concen: 91.578 ng
RT: 9.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

Tgt Ion:	82	Resp:	635431
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.2	51.4
54	54.0	43.1	64.7

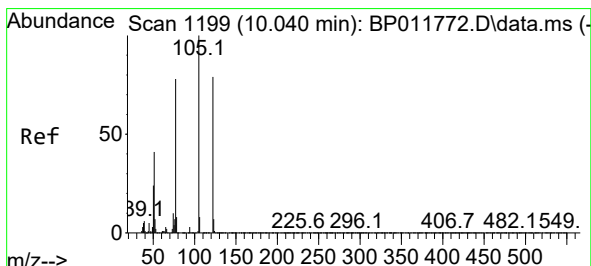
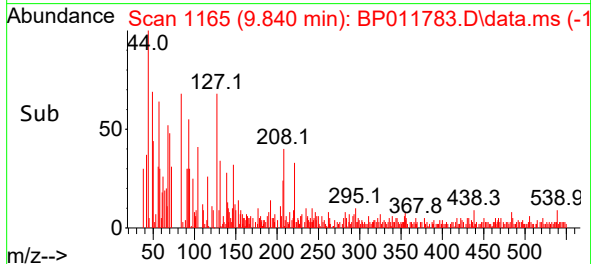
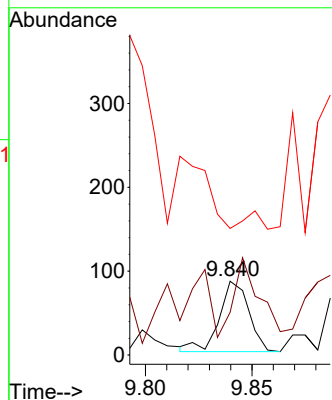
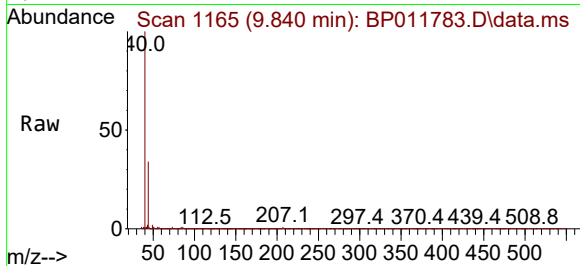




#26
2-Nitrophenol
Concen: 3.357 ng
RT: 9.840 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

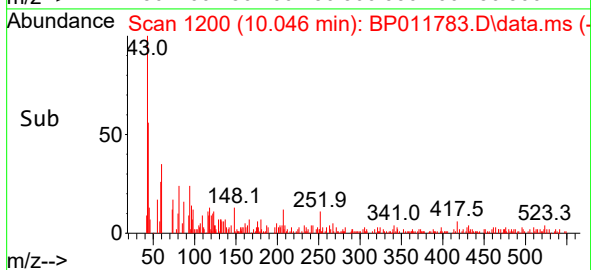
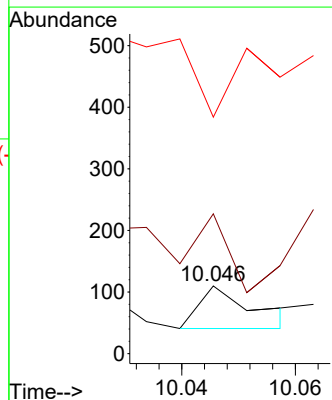
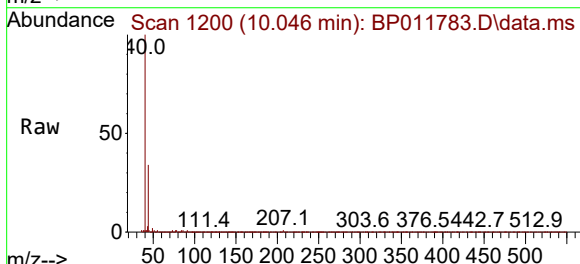
Instrument :
BNA_P
ClientSampleId :
DSN003

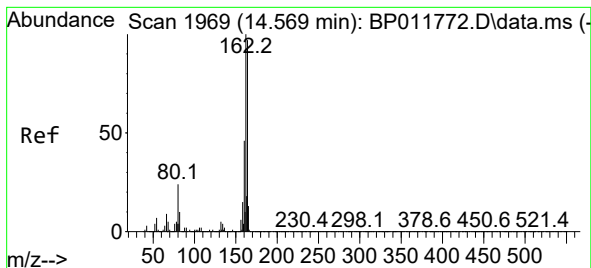
Tgt Ion:139 Resp: 81
Ion Ratio Lower Upper
139 100
109 58.0 22.6 34.0#
65 171.6 44.7 67.1#



#32
Benzoic acid
Concen: 6.768 ng
RT: 10.046 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

Tgt Ion:122 Resp: 46
Ion Ratio Lower Upper
122 100
105 206.4 101.0 141.0#
77 349.1 75.9 115.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

Instrument :

BNA_P

ClientSampleId :

DSN003

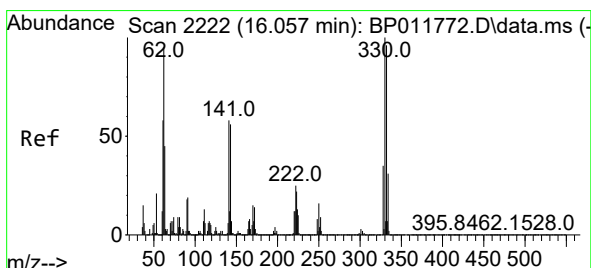
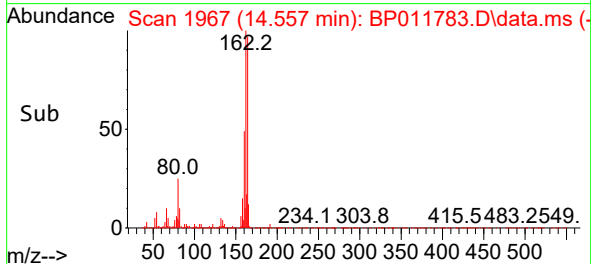
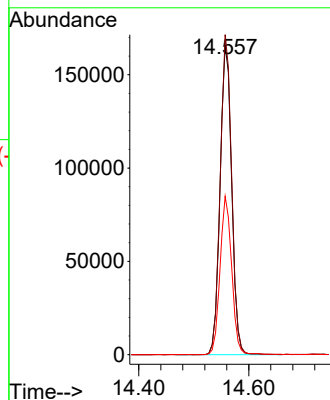
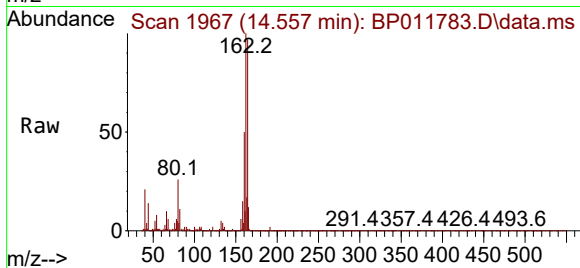
Tgt Ion:164 Resp: 242471

Ion Ratio Lower Upper

164 100

162 103.4 82.5 123.7

160 51.2 37.8 56.6



#42

2,4,6-Tribromophenol

Concen: 174.012 ng

RT: 16.051 min Scan# 2221

Delta R.T. -0.006 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

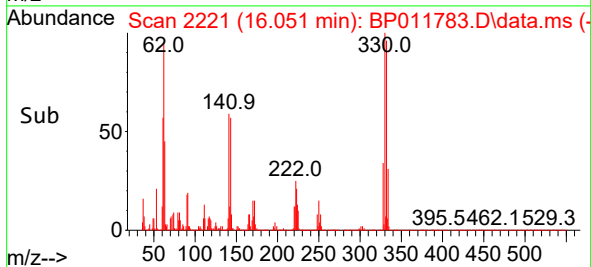
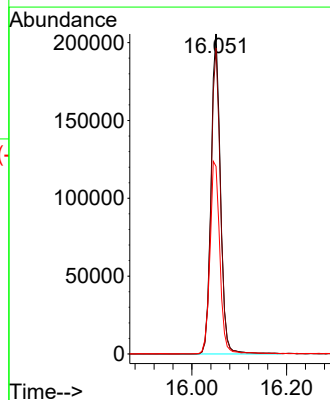
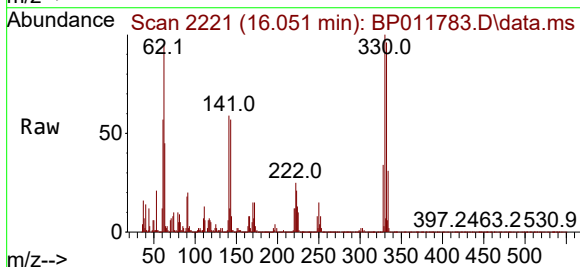
Tgt Ion:330 Resp: 284105

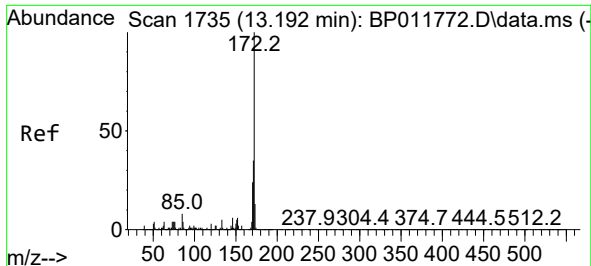
Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

141 62.6 48.7 73.1





#45

2-Fluorobiphenyl

Concen: 92.381 ng

RT: 13.181 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

Instrument :

BNA_P

ClientSampleId :

DSN003

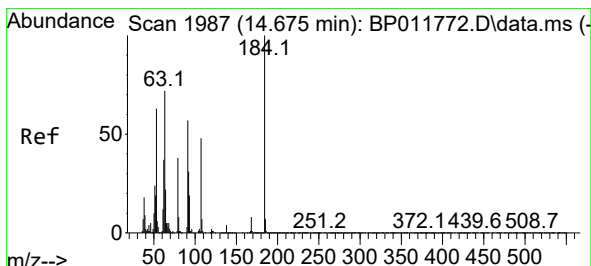
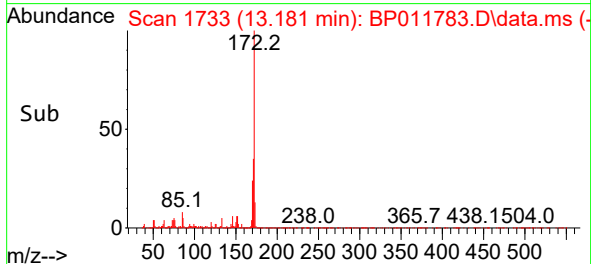
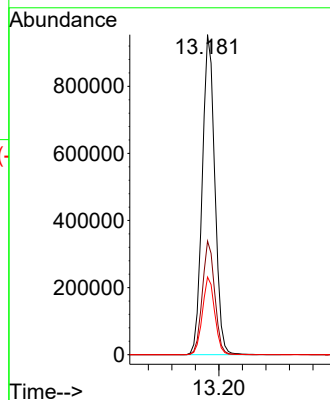
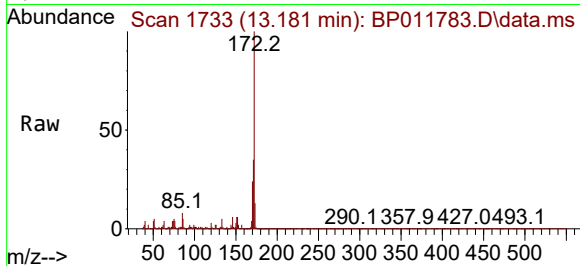
Tgt Ion:172 Resp: 1416453

Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 24.3 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 6.749 ng

RT: 14.669 min Scan# 1986

Delta R.T. -0.006 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

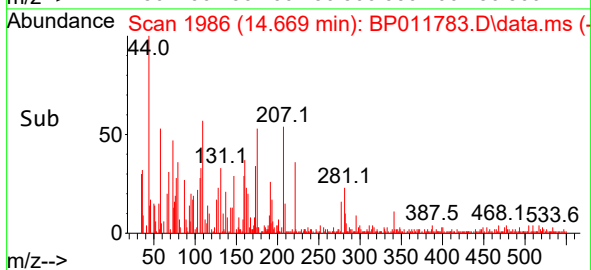
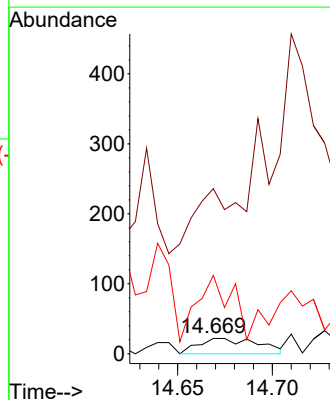
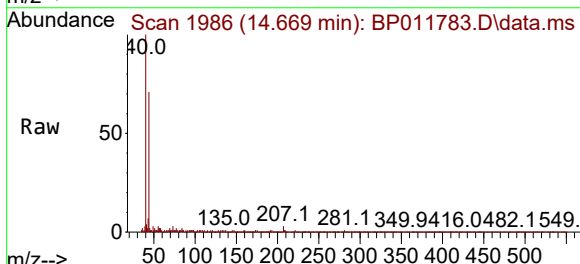
Tgt Ion:184 Resp: 49

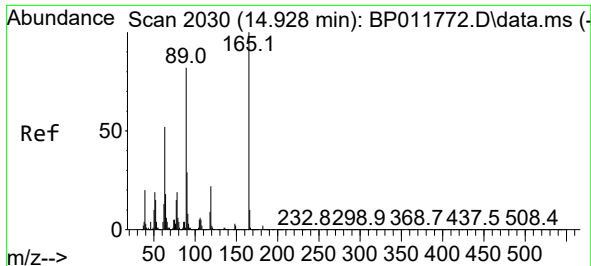
Ion Ratio Lower Upper

184 100

63 1072.7 65.7 98.5#

154 509.1 48.2 72.4#

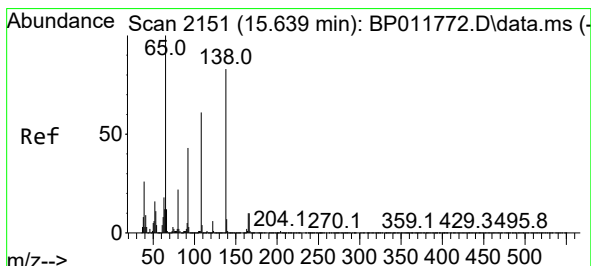
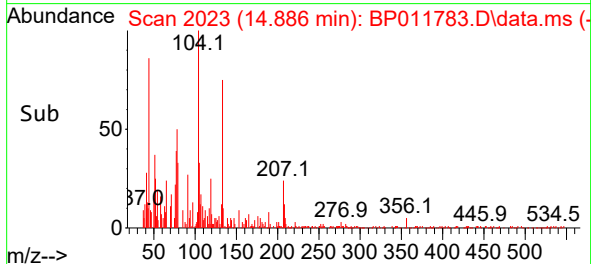
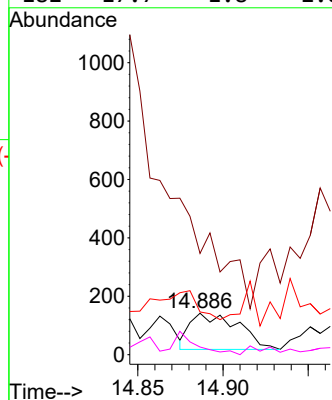
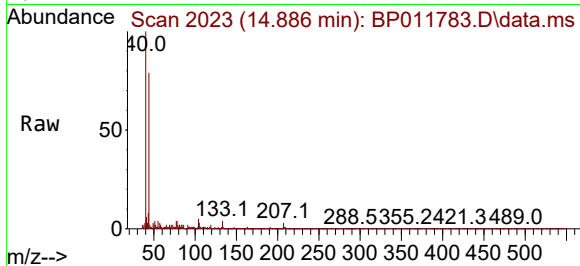




#57
2,4-Dinitrotoluene
Concen: 2.581 ng
RT: 14.886 min Scan# 2030
Delta R.T. -0.042 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

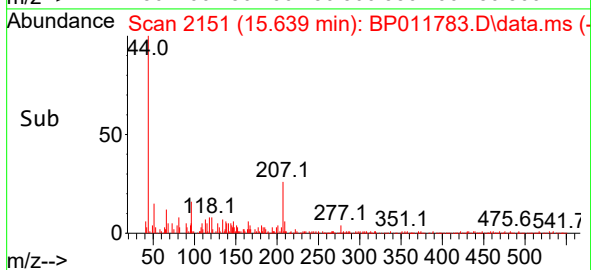
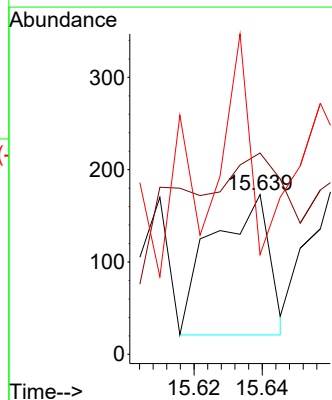
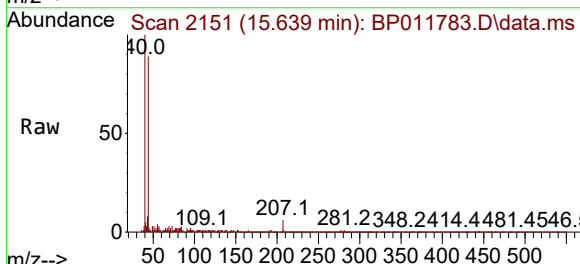
Instrument :
BNA_P
ClientSampleId :
DSN003

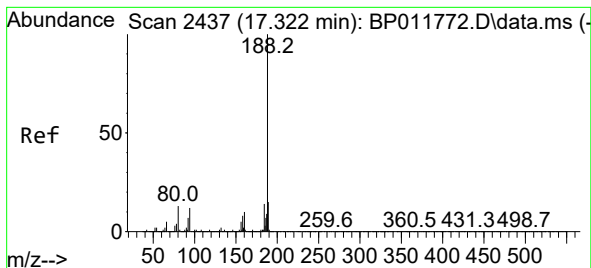
Tgt Ion:165 Resp: 242
Ion Ratio Lower Upper
165 100
63 236.1 41.4 62.2#
89 99.3 66.0 99.0#
182 17.7 1.8 2.8#



#62
4-Nitroaniline
Concen: 2.418 ng
RT: 15.639 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP011783.D
Acq: 23 Sep 2022 13:30

Tgt Ion:138 Resp: 176
Ion Ratio Lower Upper
138 100
92 126.0 31.9 71.9#
108 62.4 53.3 93.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

Instrument :

BNA_P

ClientSampleId :

DSN003

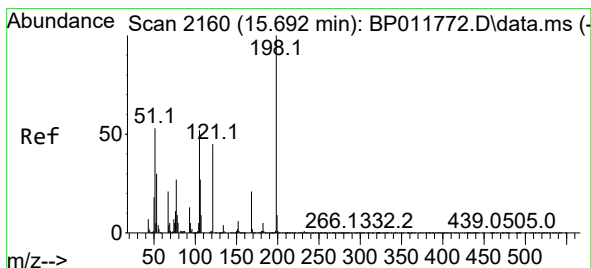
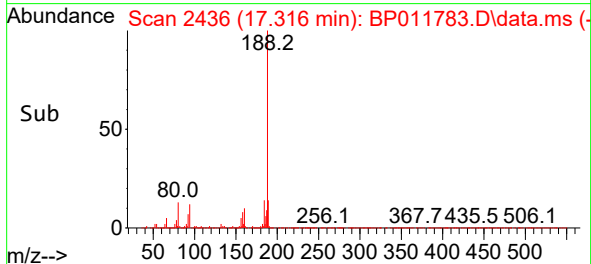
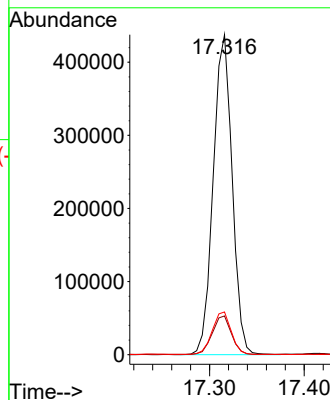
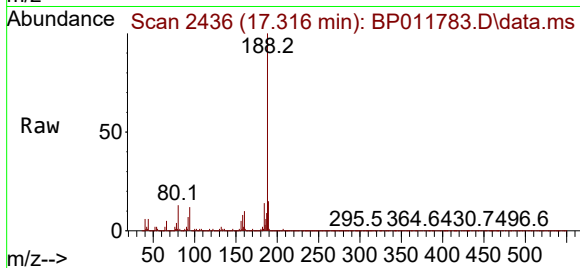
Tgt Ion:188 Resp: 606458

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.0

80 13.3 10.6 15.8



#65

4,6-Dinitro-2-methylphenol

Concen: 5.639 ng

RT: 15.675 min Scan# 2157

Delta R.T. -0.017 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

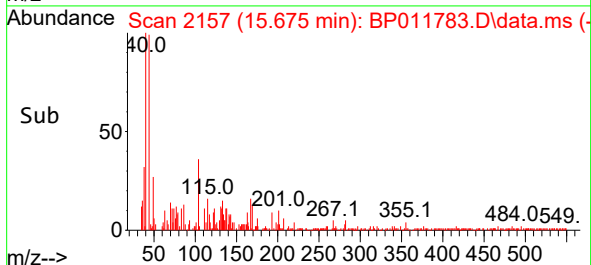
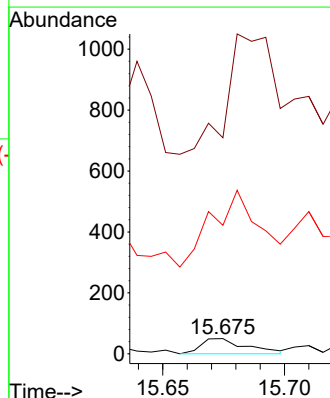
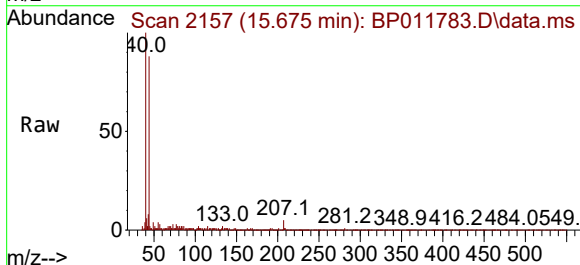
Tgt Ion:198 Resp: 65

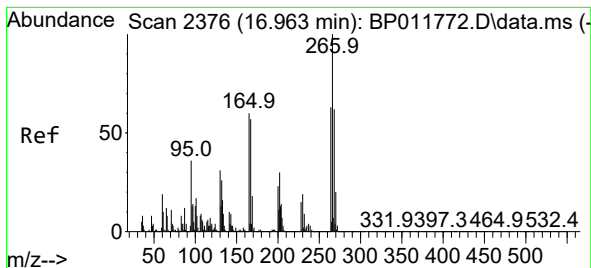
Ion Ratio Lower Upper

198 100

51 1418.0 41.6 81.6#

105 844.0 33.2 73.2#





#70

Pentachlorophenol

Concen: 4.400 ng

RT: 16.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

Instrument :

BNA_P

ClientSampleId :

DSN003

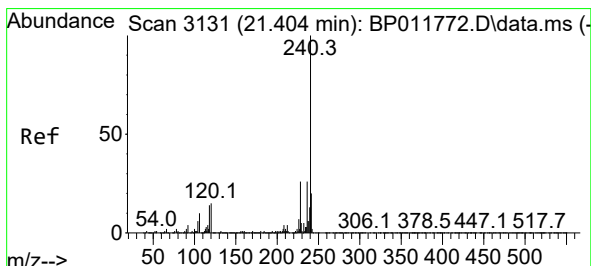
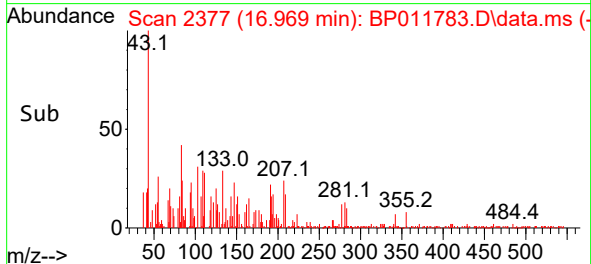
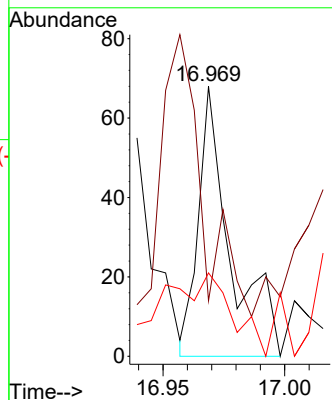
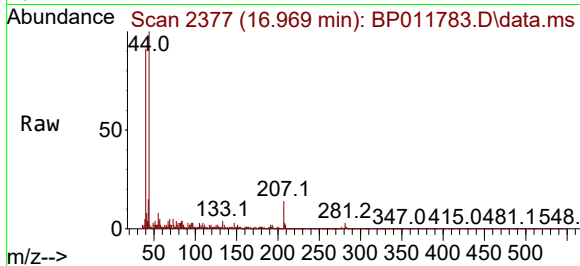
Tgt Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 20.6 49.7 74.5#

264 30.9 50.6 75.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

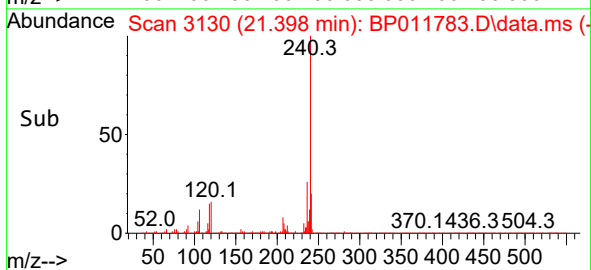
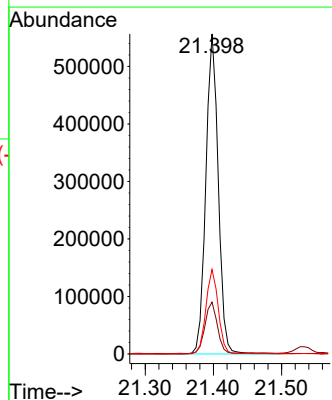
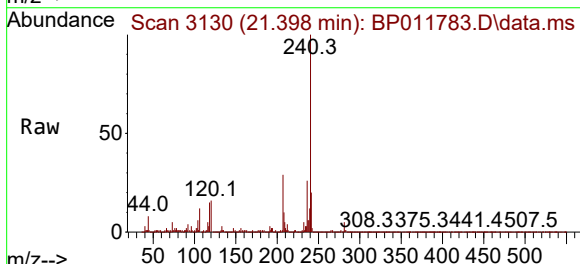
Tgt Ion:240 Resp: 705343

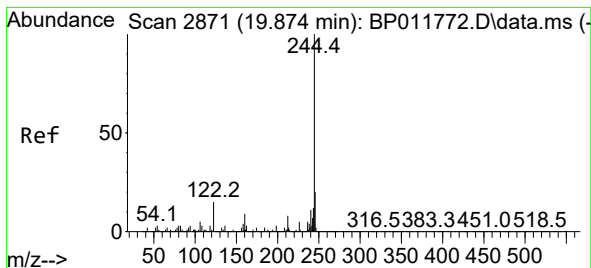
Ion Ratio Lower Upper

240 100

120 16.2 12.0 18.0

236 26.4 21.1 31.7





#79

Terphenyl-d14

Concen: 87.455 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

Instrument :

BNA_P

ClientSampleId :

DSN003

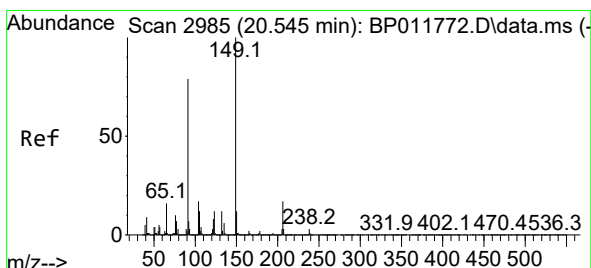
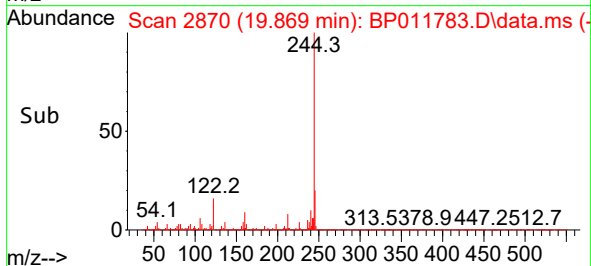
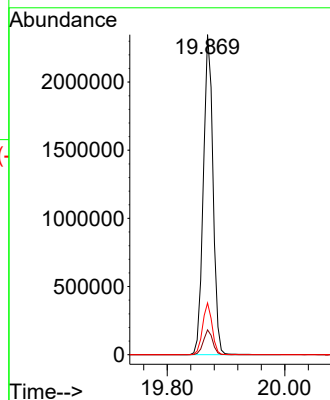
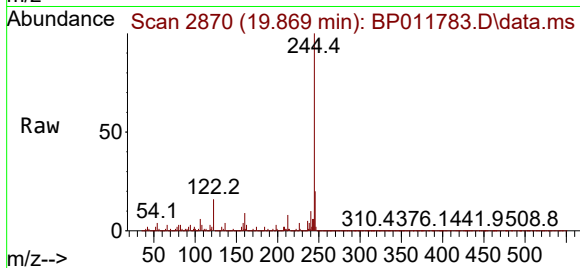
Tgt Ion:244 Resp: 2682768

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 16.2 11.8 17.8



#80

Butylbenzylphthalate

Concen: 2.703 ng

RT: 20.545 min Scan# 2985

Delta R.T. 0.000 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

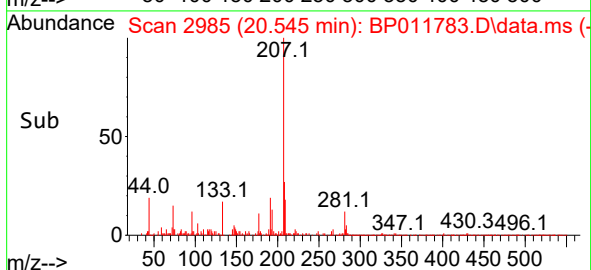
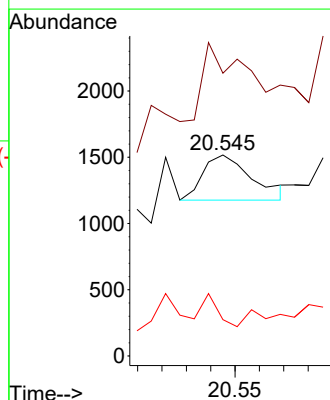
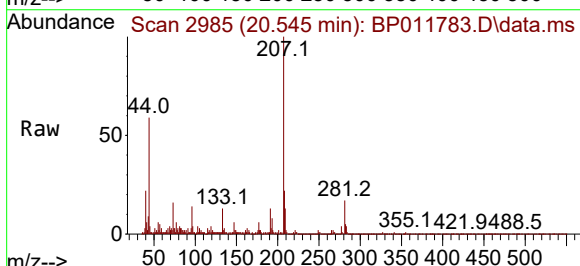
Tgt Ion:149 Resp: 475

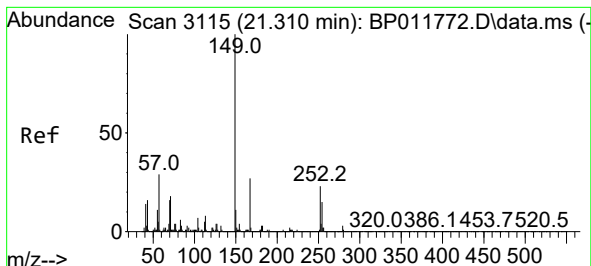
Ion Ratio Lower Upper

149 100

91 140.7 63.1 94.7#

206 18.1 13.6 20.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.061 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

Instrument :

BNA_P

ClientSampleId :

DSN003

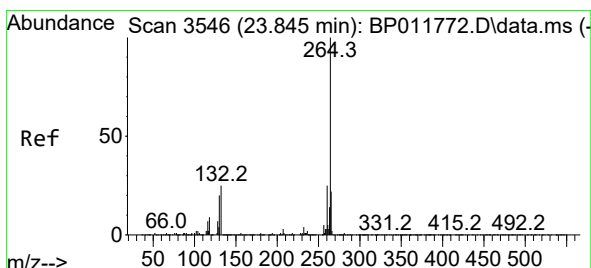
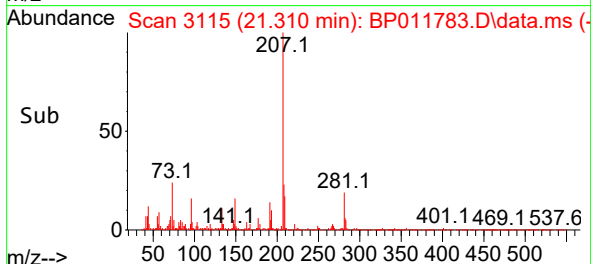
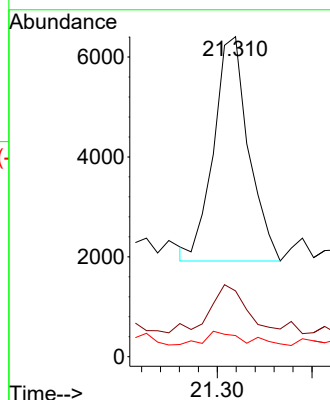
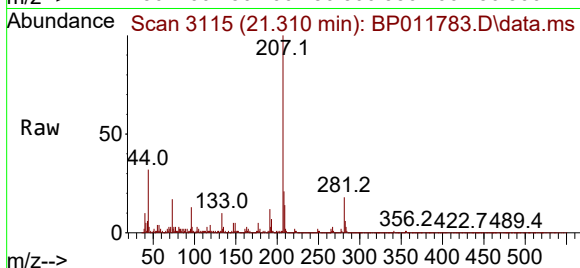
Tgt Ion:149 Resp: 5747

Ion Ratio Lower Upper

149 100

167 20.6 21.8 32.6#

279 6.6 2.5 3.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3546

Delta R.T. -0.000 min

Lab File: BP011783.D

Acq: 23 Sep 2022 13:30

Tgt Ion:264 Resp: 866551

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.9 17.8 26.8

