

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011782.D
 Acq On : 23 Sep 2022 12:55
 Operator : CG/JU
 Sample : N4609-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DSN002

Quant Time: Sep 24 01:33:53 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)

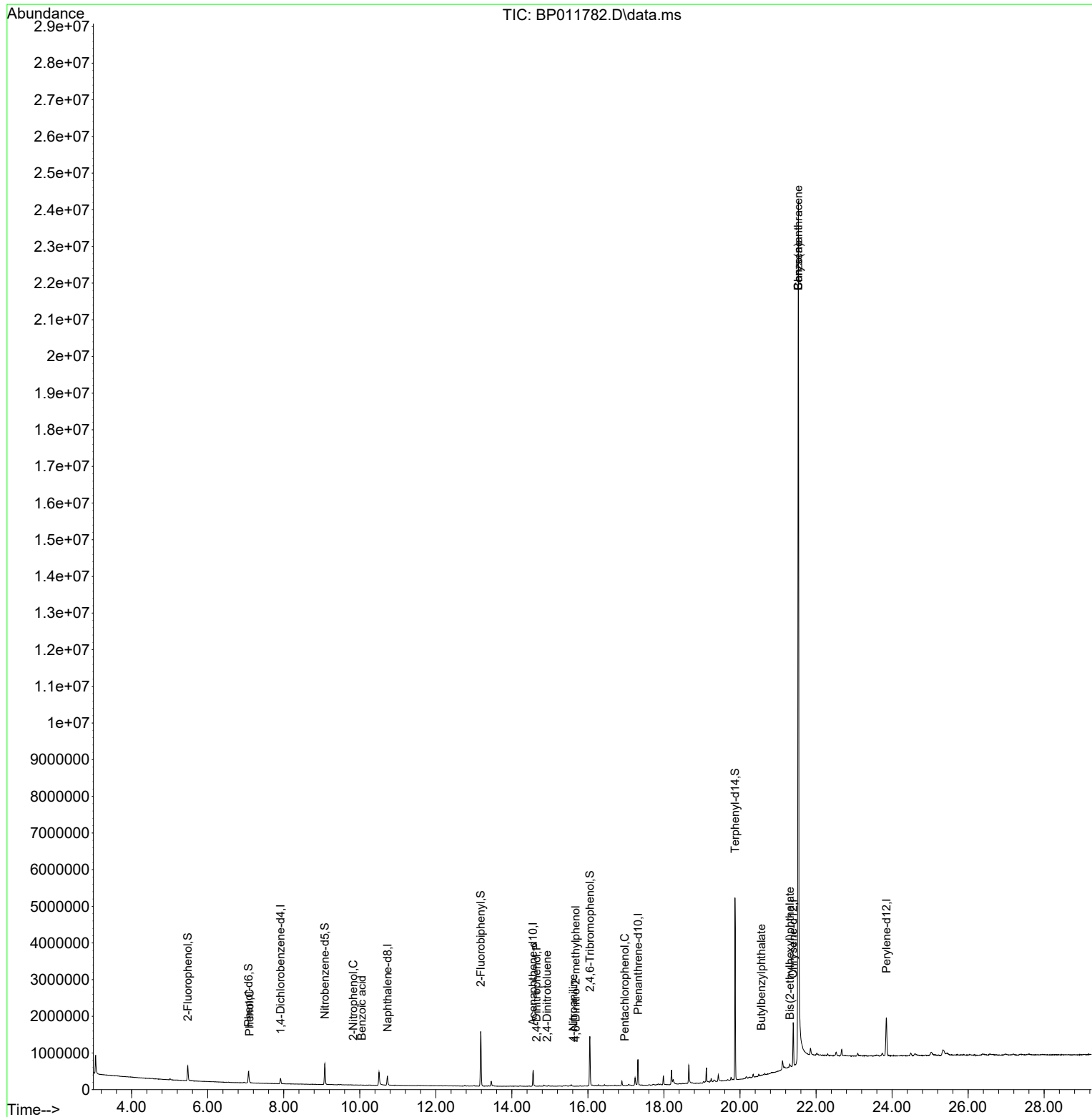
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	38813	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	203690	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	138038	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	373131	20.000	ng	0.00
76) Chrysene-d12	21.398	240	498163	20.000	ng	0.00
86) Perylene-d12	23.851	264	655103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	194708	88.021	ng	0.00
7) Phenol-d6	7.075	99	191700	58.610	ng	0.00
23) Nitrobenzene-d5	9.081	82	342704	88.062	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	161064	173.285	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	740787	84.866	ng	-0.01
79) Terphenyl-d14	19.869	244	1899815	87.688	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.099	94	9305	2.526	ng	82
26) 2-Nitrophenol	9.828	139	65	3.369	ng	# 1
32) Benzoic acid	10.052	122	43	6.775	ng	# 1
54) 2,4-Dinitrophenol	14.651	184	37	6.757	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	178	2.593	ng	# 15
62) 4-Nitroaniline	15.616	138	71	2.408	ng	# 23
65) 4,6-Dinitro-2-methylph...	15.675	198	42	5.640	ng	# 1
70) Pentachlorophenol	16.969	266	98	4.424	ng	# 51
80) Butylbenzylphthalate	20.557	149	144	2.691	ng	# 1
81) Benzo(a)anthracene	21.533	228	77693	2.364	ng	# 4
83) Chrysene	21.533	228	78522	2.521	ng	# 11
84) Bis(2-ethylhexyl)phtha...	21.310	149	22679	2.812	ng	93

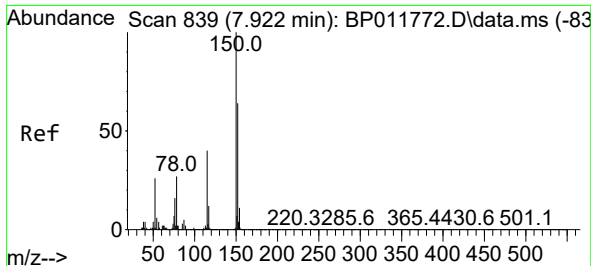
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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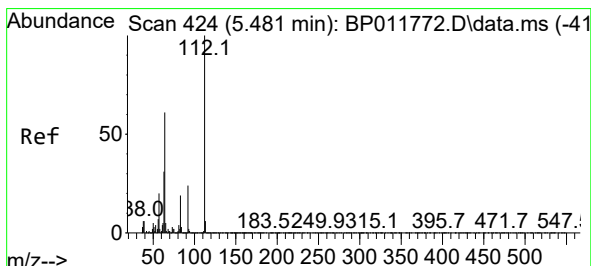
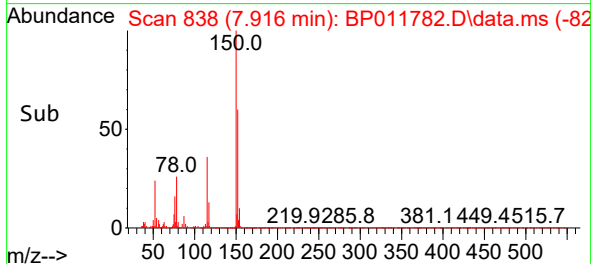
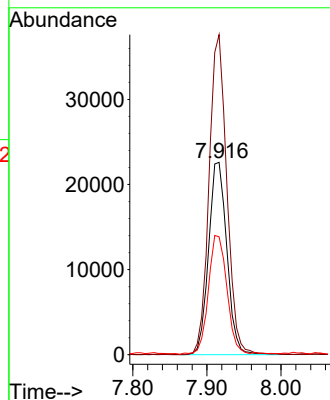
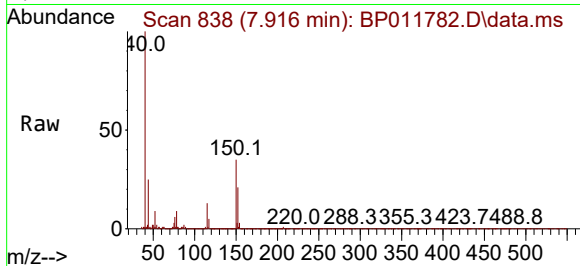




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

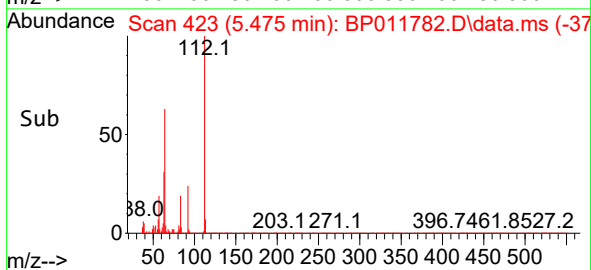
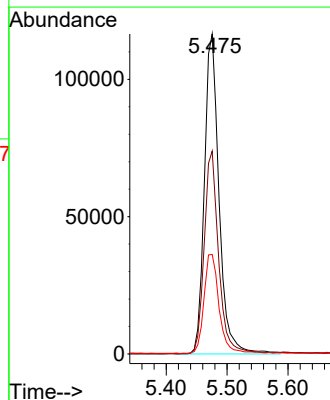
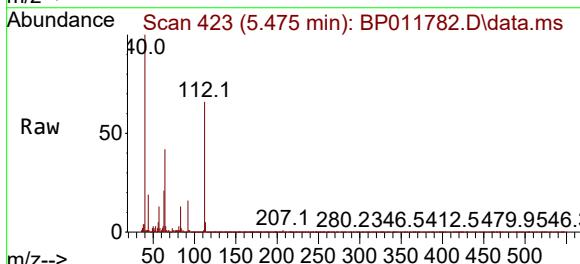
Instrument :
BNA_P
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DSN002

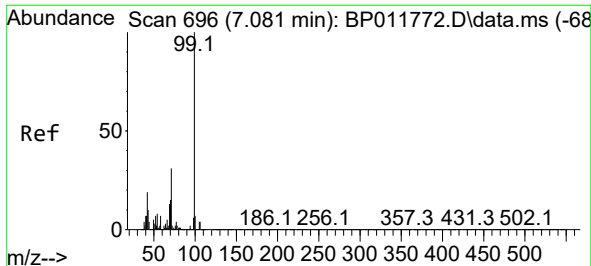
Tgt Ion:152 Resp: 38813
Ion Ratio Lower Upper
152 100
150 166.4 124.2 186.4
115 61.3 50.0 75.0



#5
2-Fluorophenol
Concen: 88.021 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

Tgt Ion:112 Resp: 194708
Ion Ratio Lower Upper
112 100
64 63.4 49.2 73.8
63 31.1 25.2 37.8

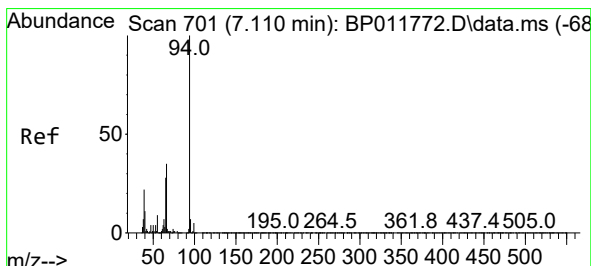
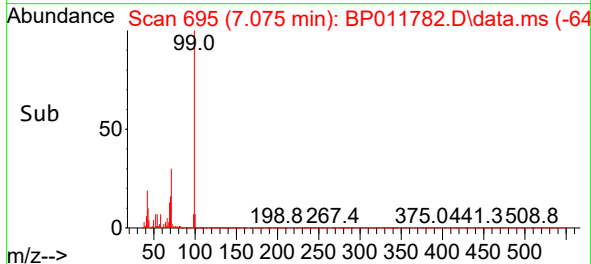
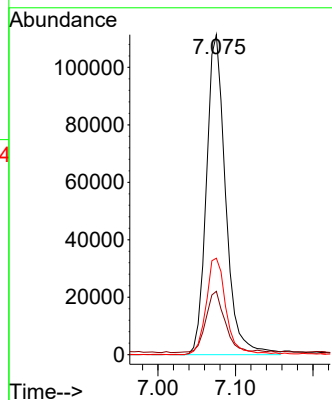
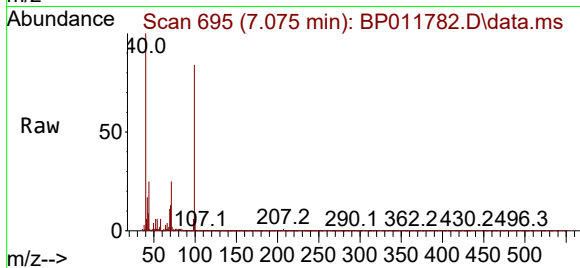




#7
Phenol-d6
Concen: 58.610 ng
RT: 7.075 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

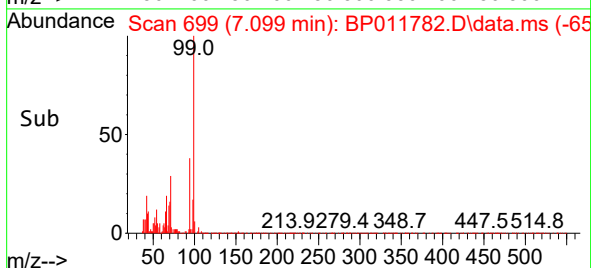
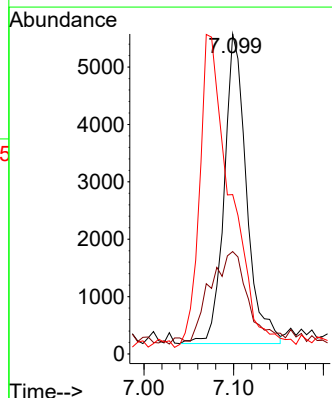
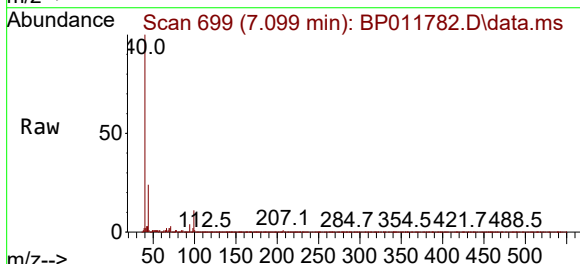
Instrument :
BNA_P
ClientSampleId :
DSN002

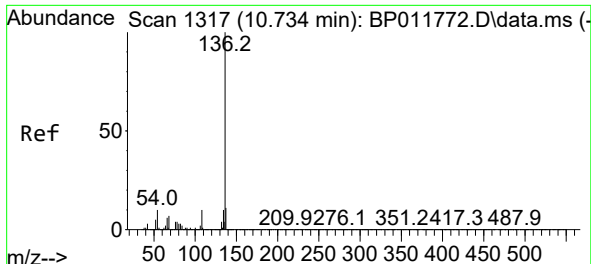
Tgt Ion: 99 Resp: 191700
Ion Ratio Lower Upper
99 100
42 19.8 15.4 23.2
71 30.1 24.7 37.1



#10
Phenol
Concen: 2.526 ng
RT: 7.099 min Scan# 699
Delta R.T. -0.011 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

Tgt Ion: 94 Resp: 9305
Ion Ratio Lower Upper
94 100
65 32.0 8.1 48.1
66 49.8 14.7 54.7

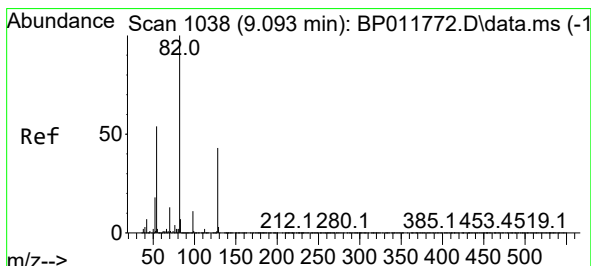
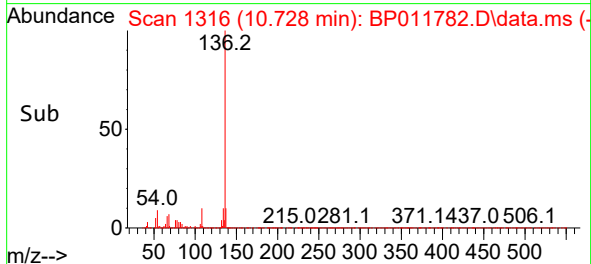
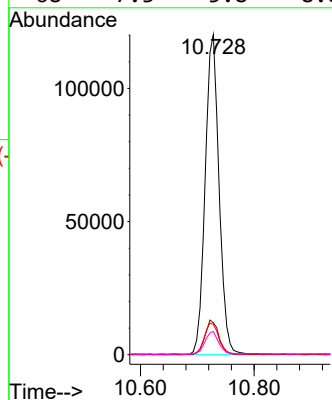
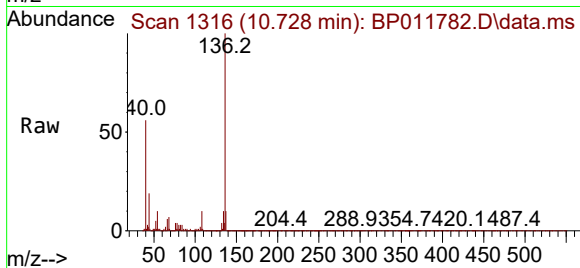




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

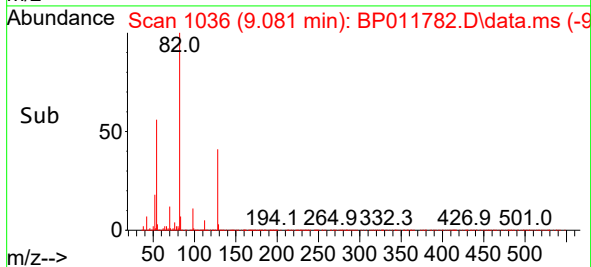
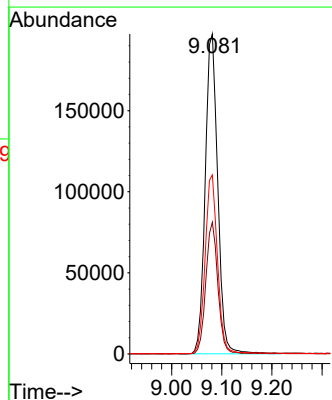
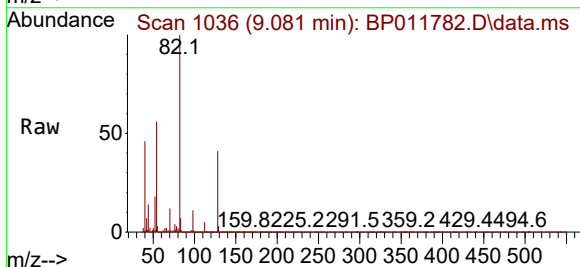
Instrument :
BNA_P
ClientSampleId :
DSN002

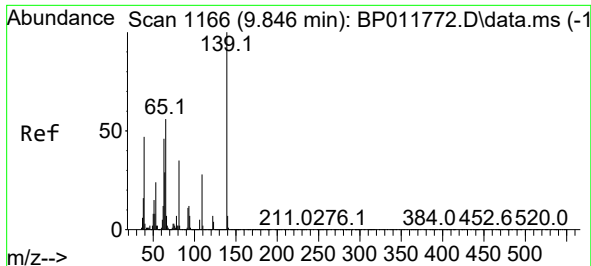
Tgt Ion:	136	Resp:	203690
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.8	13.2
54	9.5	8.2	12.4
68	7.3	5.8	8.8



#23
Nitrobenzene-d5
Concen: 88.062 ng
RT: 9.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

Tgt Ion:	82	Resp:	342704
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.2	51.4
54	55.9	43.1	64.7

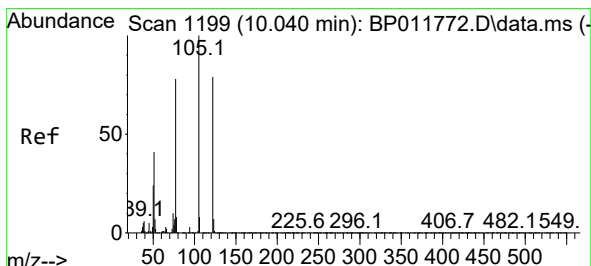
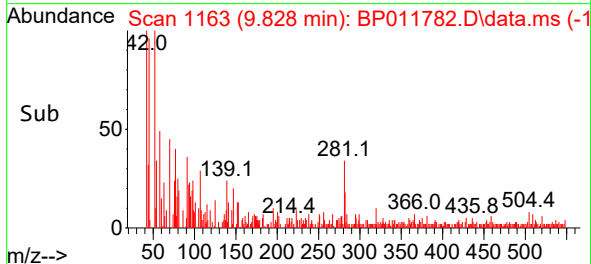
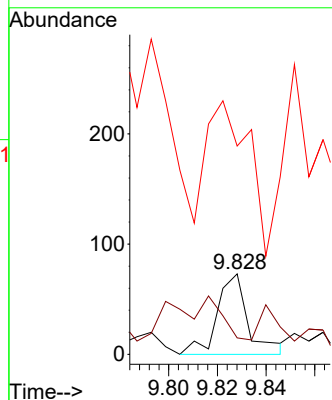
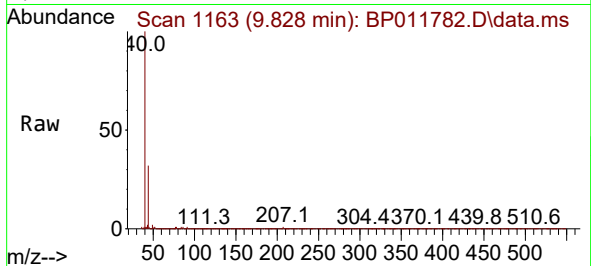




#26
2-Nitrophenol
Concen: 3.369 ng
RT: 9.828 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

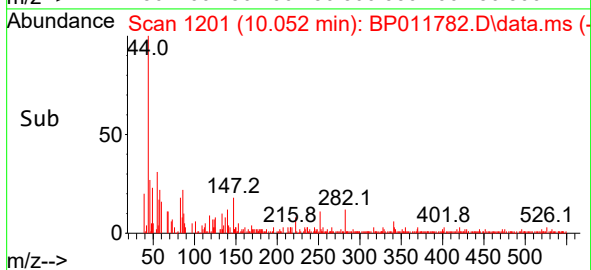
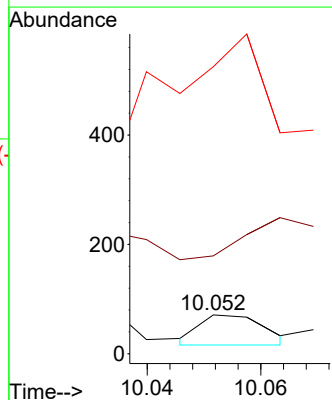
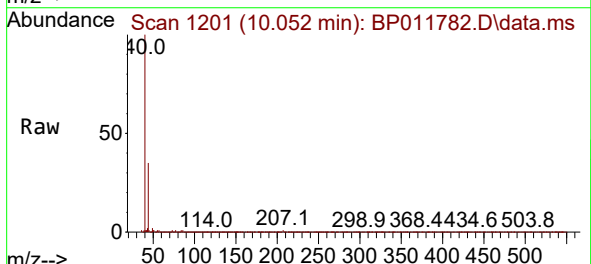
Instrument :
BNA_P
ClientSampleId :
DSN002

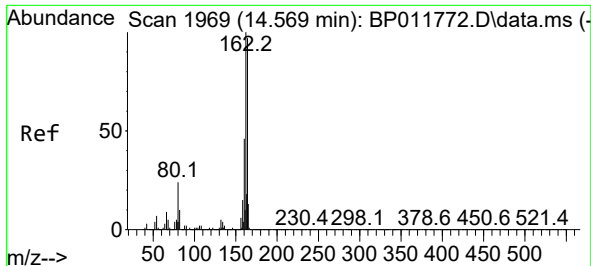
Tgt Ion:139 Resp: 65
Ion Ratio Lower Upper
139 100
109 20.5 22.6 34.0#
65 258.9 44.7 67.1#



#32
Benzoic acid
Concen: 6.775 ng
RT: 10.052 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

Tgt Ion:122 Resp: 43
Ion Ratio Lower Upper
122 100
105 252.1 101.0 141.0#
77 739.4 75.9 115.9#

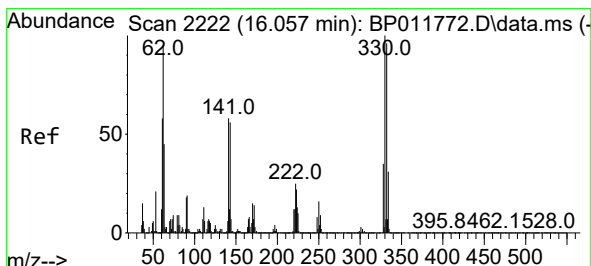
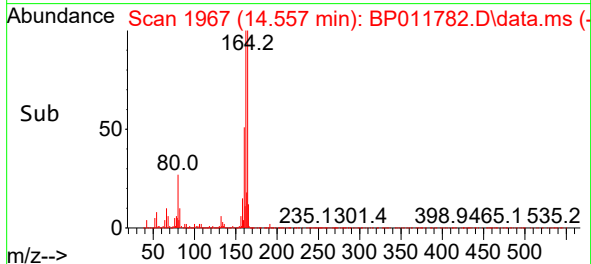
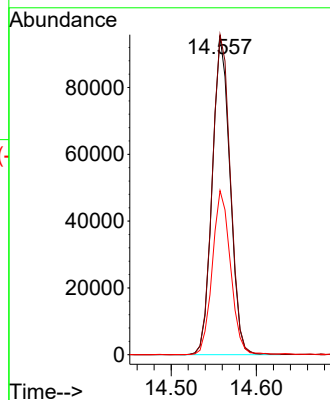
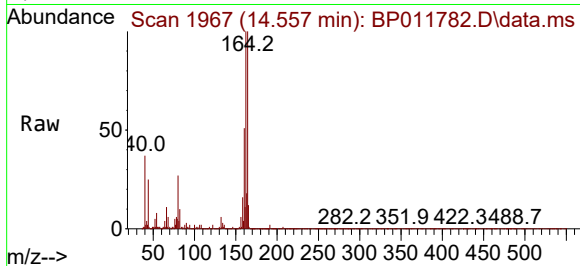




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

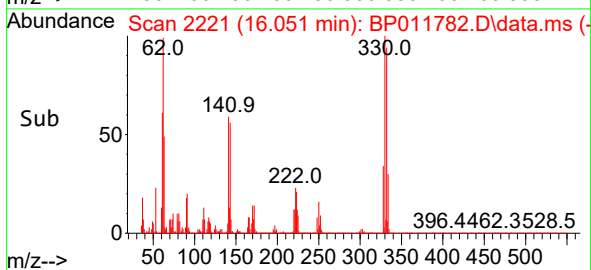
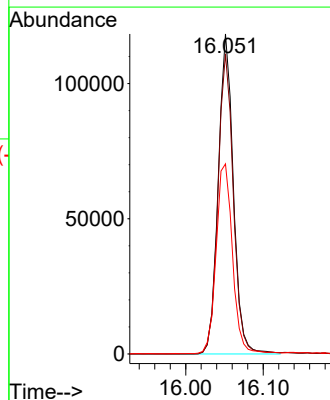
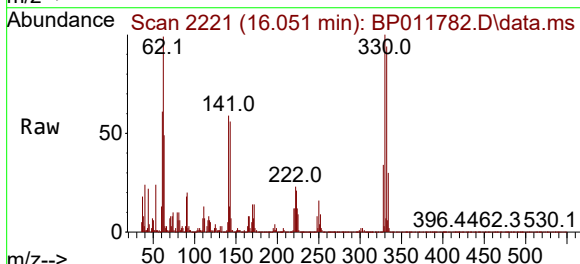
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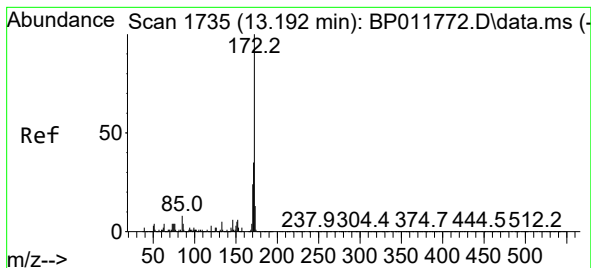
Tgt Ion:164 Resp: 138038
Ion Ratio Lower Upper
164 100
162 100.4 82.5 123.7
160 51.5 37.8 56.6



#42
2,4,6-Tribromophenol
Concen: 173.285 ng
RT: 16.051 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

Tgt Ion:330 Resp: 161064
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 63.9 48.7 73.1





#45

2-Fluorobiphenyl

Concen: 84.866 ng

RT: 13.181 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP011782.D

Acq: 23 Sep 2022 12:55

Instrument :

BNA_P

ClientSampleId :

DSN002

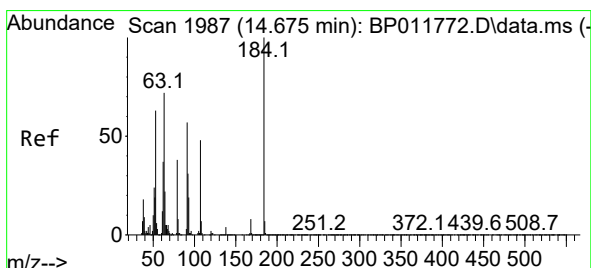
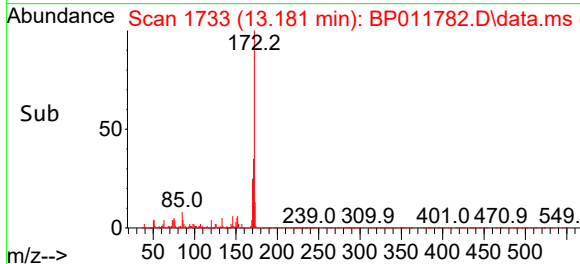
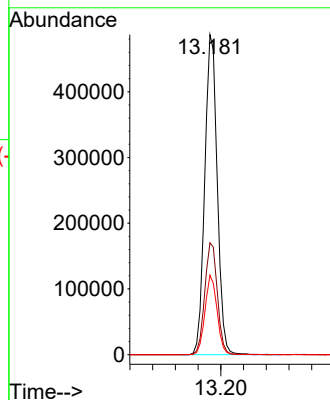
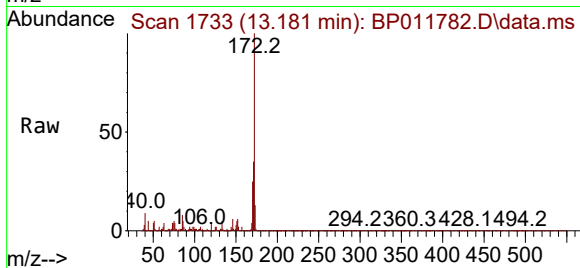
Tgt Ion:172 Resp: 740787

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 24.8 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 6.757 ng

RT: 14.651 min Scan# 1983

Delta R.T. -0.024 min

Lab File: BP011782.D

Acq: 23 Sep 2022 12:55

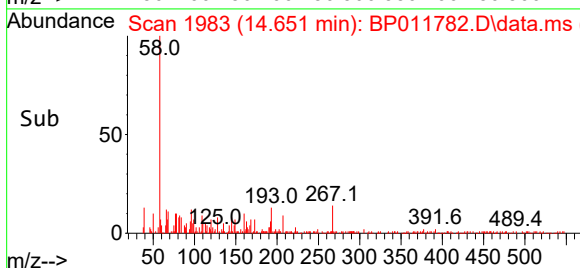
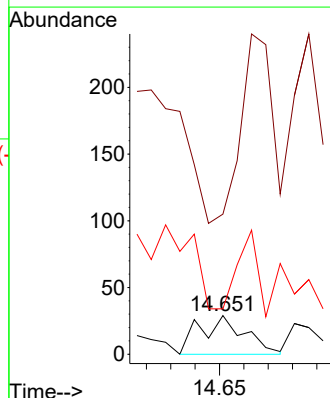
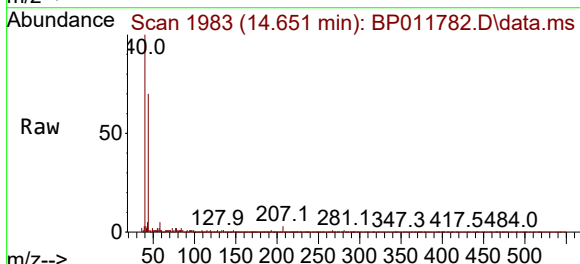
Tgt Ion:184 Resp: 37

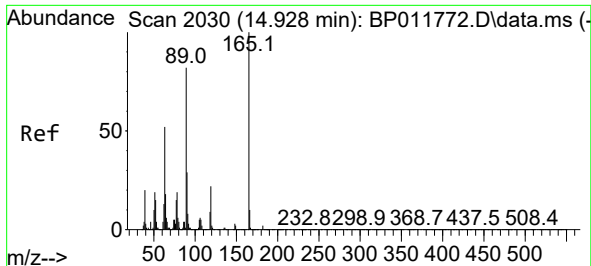
Ion Ratio Lower Upper

184 100

63 362.1 65.7 98.5#

154 117.2 48.2 72.4#

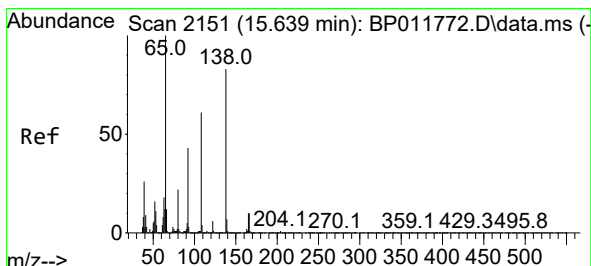
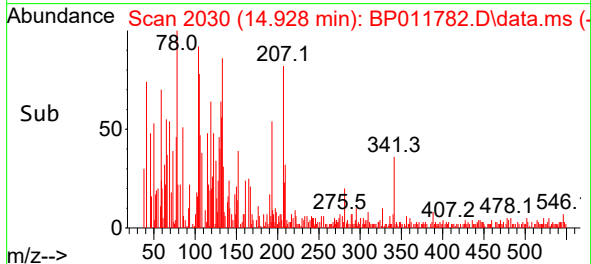
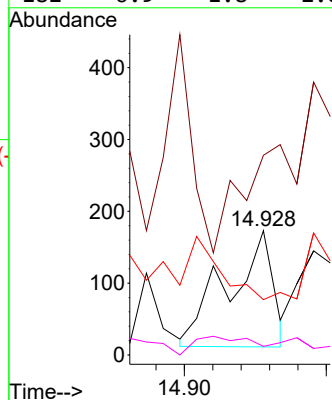
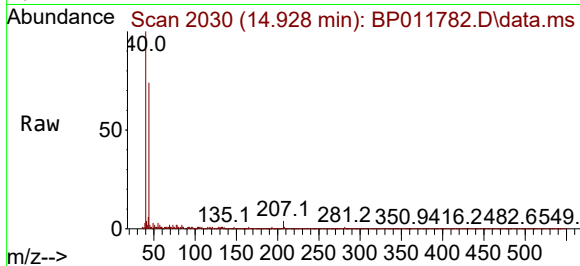




#57
2,4-Dinitrotoluene
Concen: 2.593 ng
RT: 14.928 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

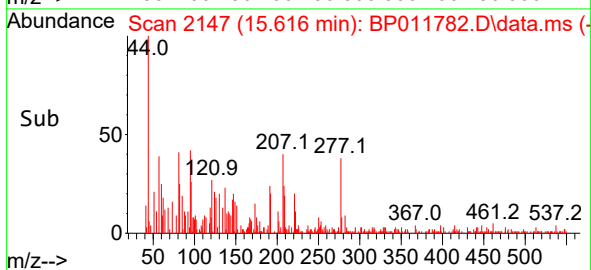
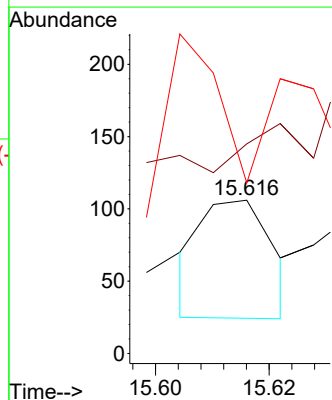
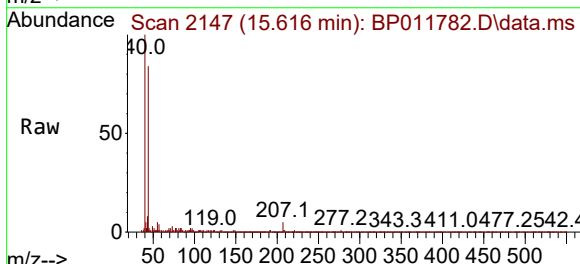
Instrument :
BNA_P
ClientSampleId :
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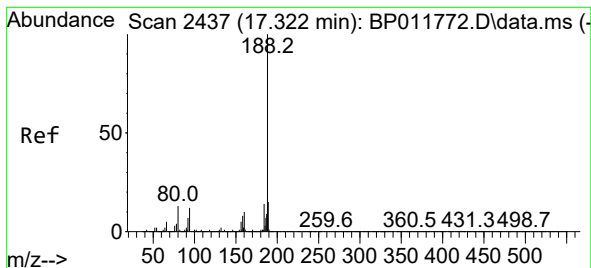
Tgt Ion:165 Resp: 178
Ion Ratio Lower Upper
165 100
63 160.7 41.4 62.2#
89 44.5 66.0 99.0#
182 6.9 1.8 2.8#



#62
4-Nitroaniline
Concen: 2.408 ng
RT: 15.616 min Scan# 2147
Delta R.T. -0.023 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

Tgt Ion:138 Resp: 71
Ion Ratio Lower Upper
138 100
92 136.8 31.9 71.9#
108 111.3 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: BP011782.D

Acq: 23 Sep 2022 12:55

Instrument :

BNA_P

ClientSampleId :

DSN002

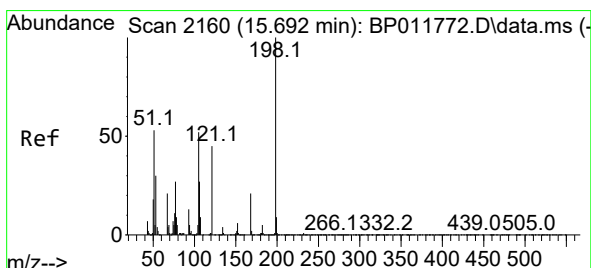
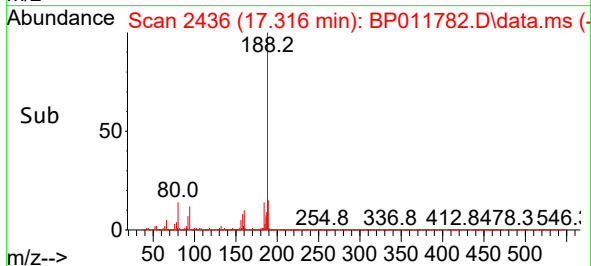
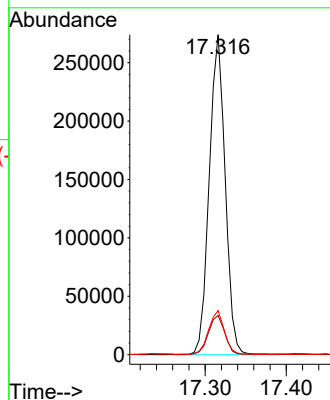
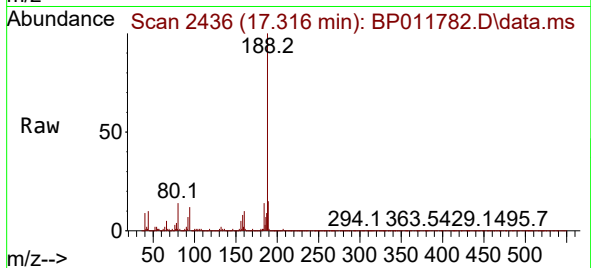
Tgt Ion:188 Resp: 373131

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.0

80 13.8 10.6 15.8



#65

4,6-Dinitro-2-methylphenol

Concen: 5.640 ng

RT: 15.675 min Scan# 2157

Delta R.T. -0.017 min

Lab File: BP011782.D

Acq: 23 Sep 2022 12:55

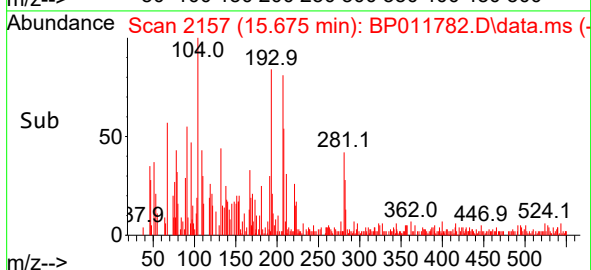
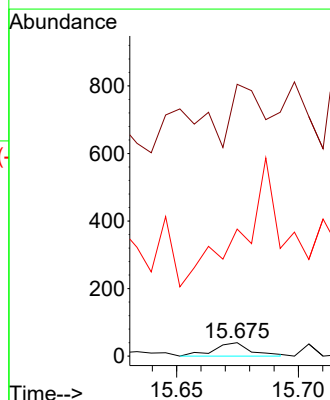
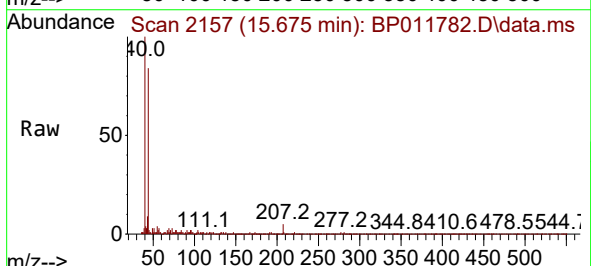
Tgt Ion:198 Resp: 42

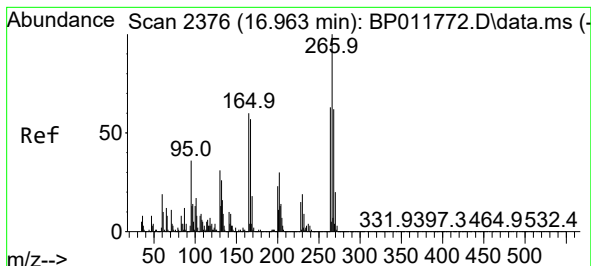
Ion Ratio Lower Upper

198 100

51 2012.5 41.6 81.6#

105 940.0 33.2 73.2#





#70

Pentachlorophenol

Concen: 4.424 ng

RT: 16.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011782.D

Acq: 23 Sep 2022 12:55

Instrument :

BNA_P

ClientSampleId :

DSN002

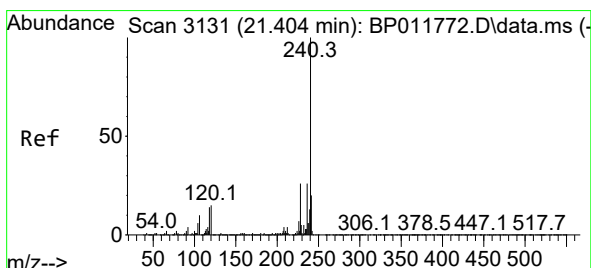
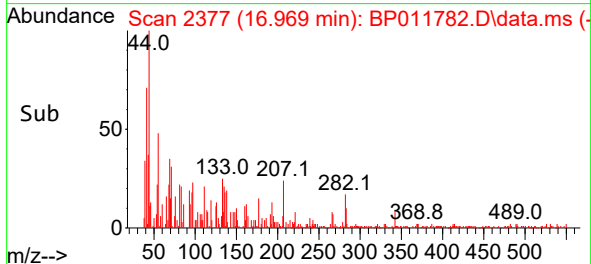
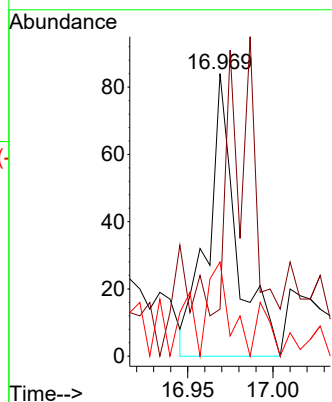
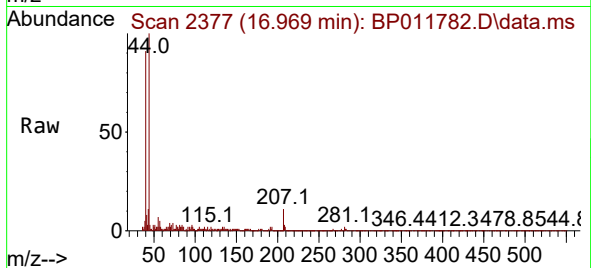
Tgt Ion:266 Resp: 98

Ion Ratio Lower Upper

266 100

268 16.7 49.7 74.5#

264 33.3 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: BP011782.D

Acq: 23 Sep 2022 12:55

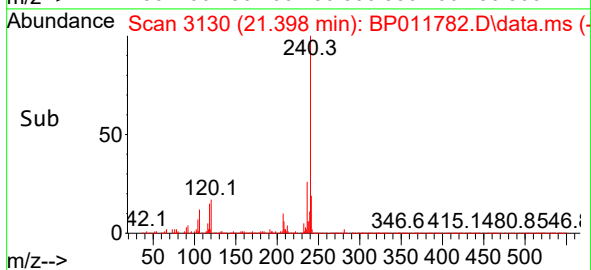
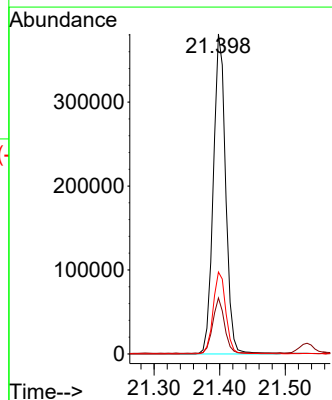
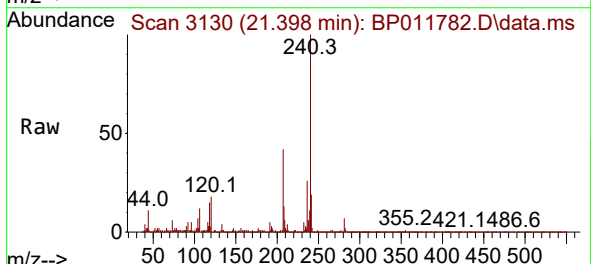
Tgt Ion:240 Resp: 498163

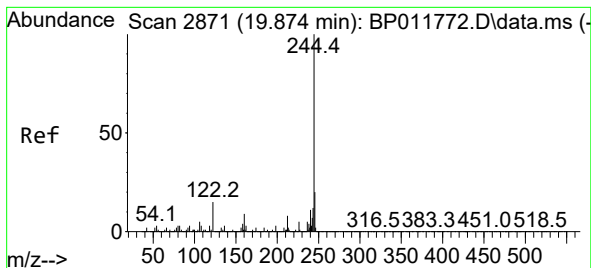
Ion Ratio Lower Upper

240 100

120 17.5 12.0 18.0

236 25.6 21.1 31.7





#79

Terphenyl-d14

Concen: 87.688 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011782.D

Acq: 23 Sep 2022 12:55

Instrument :

BNA_P

ClientSampleId :

DSN002

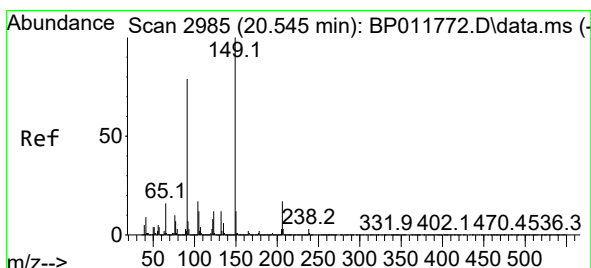
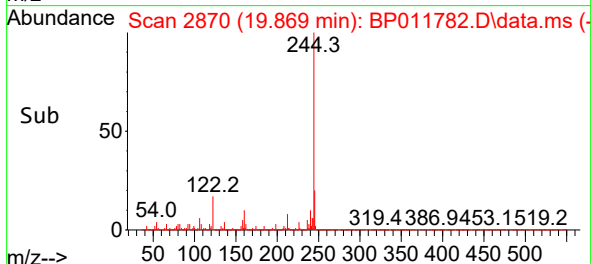
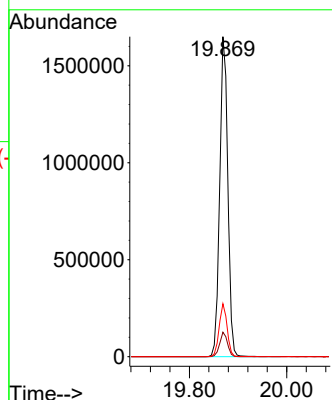
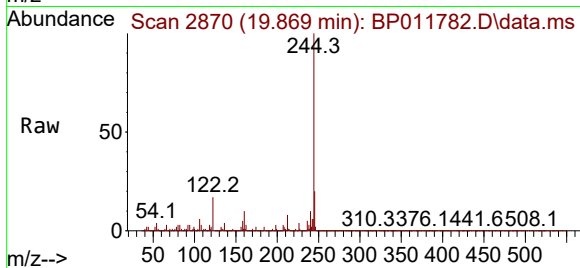
Tgt Ion:244 Resp: 1899815

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 16.6 11.8 17.8



#80

Butylbenzylphthalate

Concen: 2.691 ng

RT: 20.557 min Scan# 2987

Delta R.T. 0.012 min

Lab File: BP011782.D

Acq: 23 Sep 2022 12:55

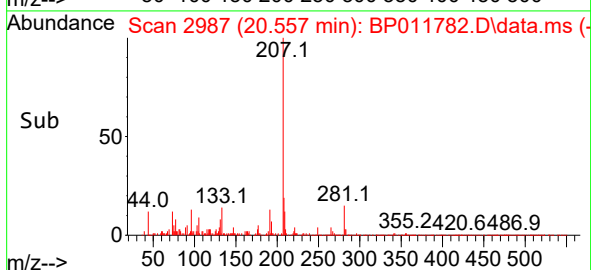
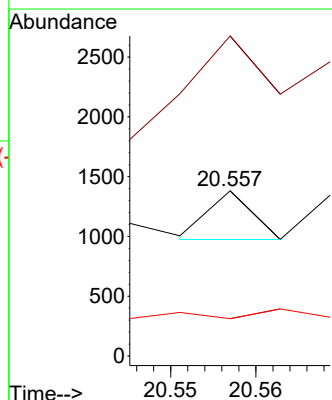
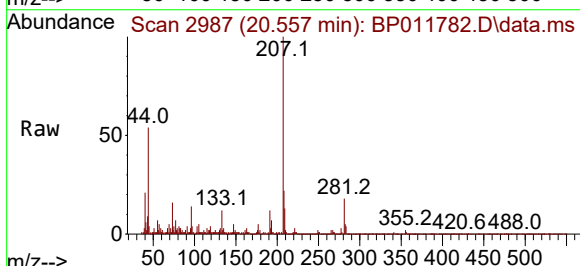
Tgt Ion:149 Resp: 144

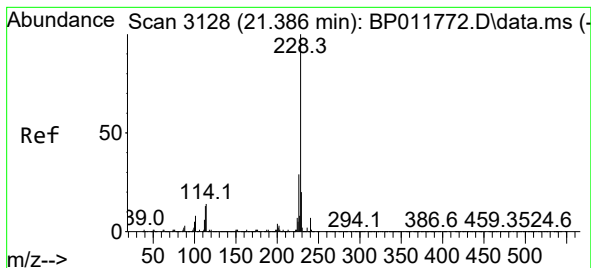
Ion Ratio Lower Upper

149 100

91 193.7 63.1 94.7#

206 22.6 13.6 20.4#





#81

Benzo(a)anthracene

Concen: 2.364 ng

RT: 21.533 min Scan# 3153

Delta R.T. 0.147 min

Lab File: BP011782.D

Acq: 23 Sep 2022 12:55

Instrument :

BNA_P

ClientSampleId :

DSN002

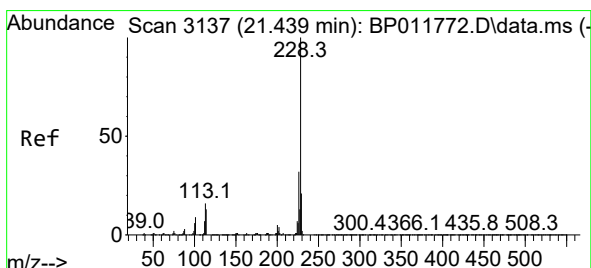
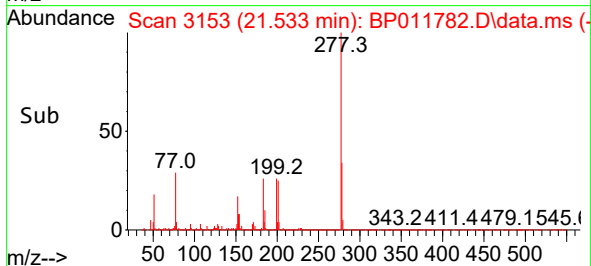
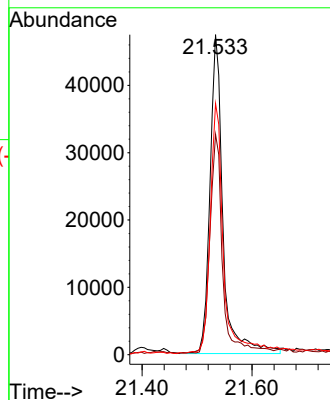
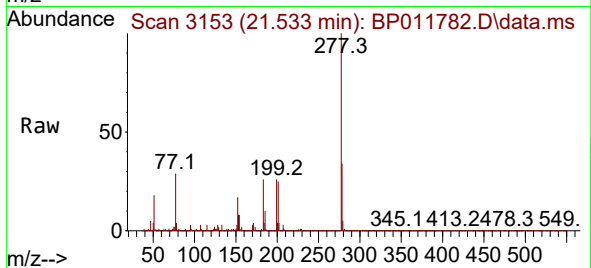
Tgt Ion:228 Resp: 77693

Ion Ratio Lower Upper

228 100

226 68.8 23.1 34.7#

229 78.5 16.3 24.5#



#83

Chrysene

Concen: 2.521 ng

RT: 21.533 min Scan# 3153

Delta R.T. 0.094 min

Lab File: BP011782.D

Acq: 23 Sep 2022 12:55

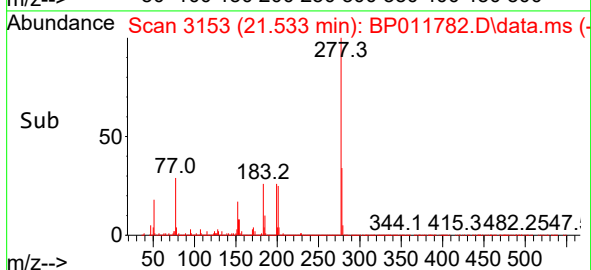
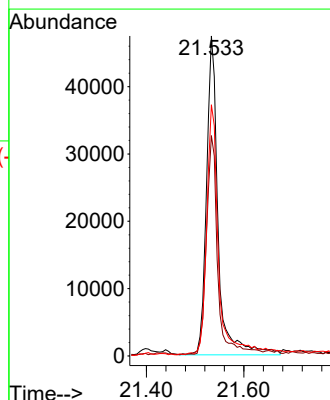
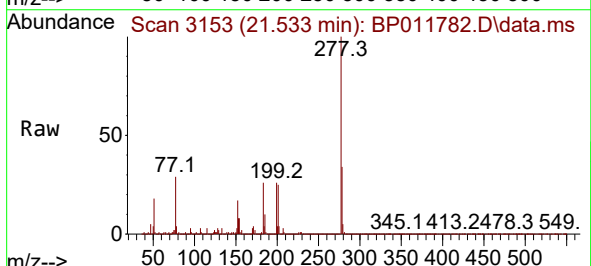
Tgt Ion:228 Resp: 78522

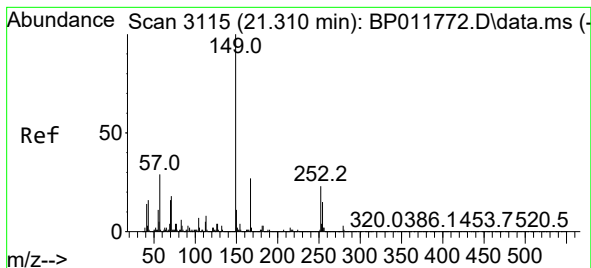
Ion Ratio Lower Upper

228 100

226 68.8 25.5 38.3#

229 78.5 16.4 24.6#

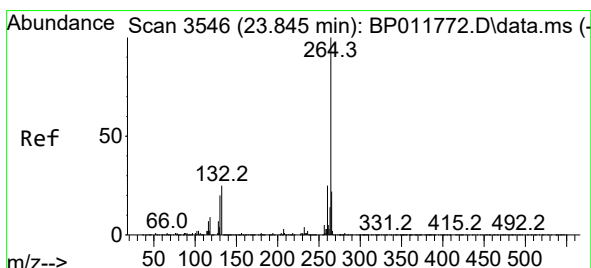
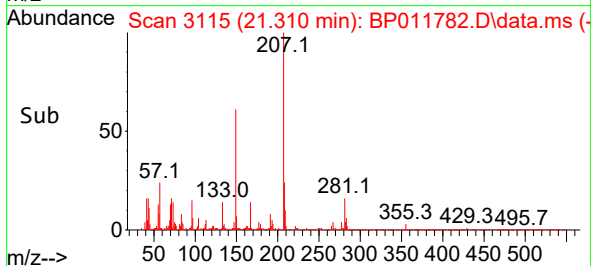
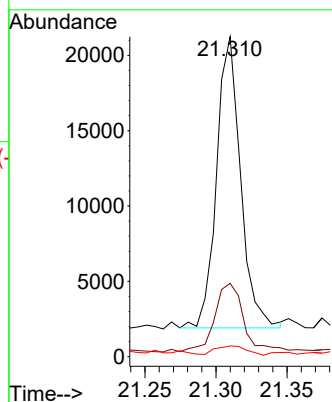
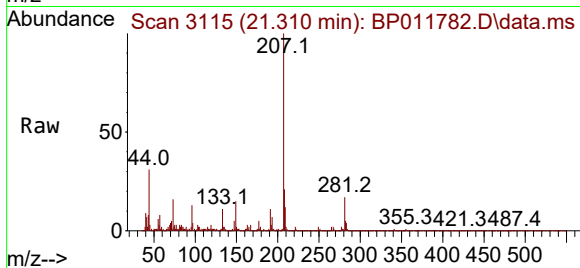




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.812 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

Instrument :
BNA_P
ClientSampleId :
DSN002

Tgt Ion:149 Resp: 22679
Ion Ratio Lower Upper
149 100
167 22.9 21.8 32.6
279 3.4 2.5 3.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 3547
Delta R.T. 0.006 min
Lab File: BP011782.D
Acq: 23 Sep 2022 12:55

Tgt Ion:264 Resp: 655103
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 23.3 17.8 26.8

