

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011781.D
 Acq On : 23 Sep 2022 12:21
 Operator : CG/JU
 Sample : N4609-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DSN001

Quant Time: Sep 24 01:33:37 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)

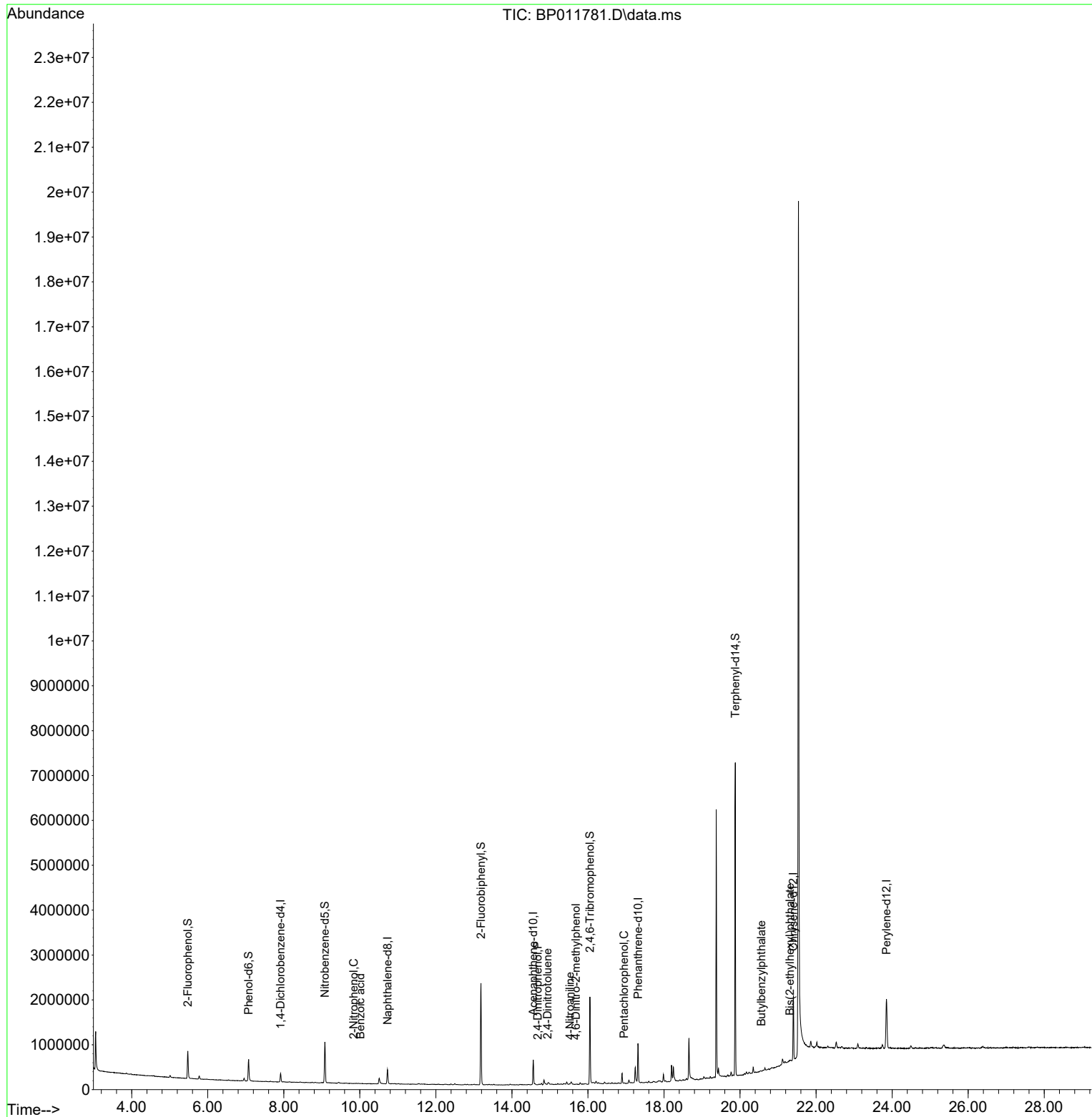
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	50932	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	255260	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	170038	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	464816	20.000	ng	0.00
76) Chrysene-d12	21.404	240	613675	20.000	ng	0.00
86) Perylene-d12	23.851	264	734016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	280619	96.673	ng	0.00
7) Phenol-d6	7.075	99	284394	66.261	ng	0.00
23) Nitrobenzene-d5	9.081	82	517041	106.018	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	214049	186.951	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1070244	99.535	ng	0.00
79) Terphenyl-d14	19.874	244	2677461	100.320	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.840	139	108	3.381	ng	# 1
32) Benzoic acid	10.016	122	128	6.798	ng	# 1
54) 2,4-Dinitrophenol	14.680	184	149	6.827	ng	# 1
57) 2,4-Dinitrotoluene	14.939	165	78	2.558	ng	# 1
62) 4-Nitroaniline	15.528	138	568	2.532	ng	# 79
65) 4,6-Dinitro-2-methylph...	15.686	198	77	5.649	ng	# 1
70) Pentachlorophenol	16.951	266	138	4.429	ng	# 47
80) Butylbenzylphthalate	20.557	149	659	2.714	ng	# 21
84) Bis(2-ethylhexyl)phtha...	21.310	149	7324	2.137	ng	# 95

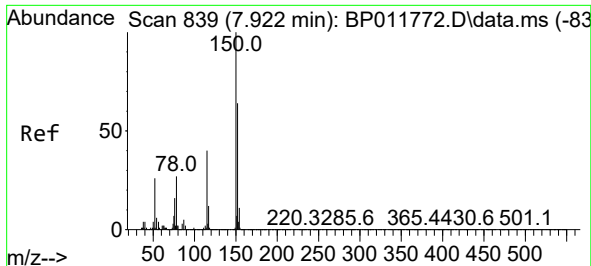
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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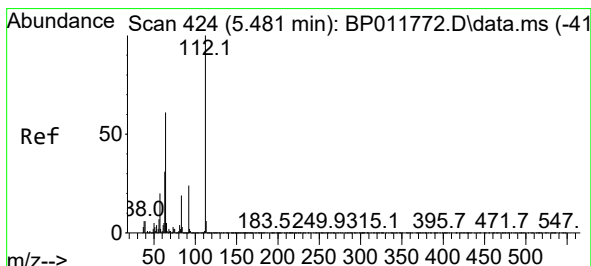
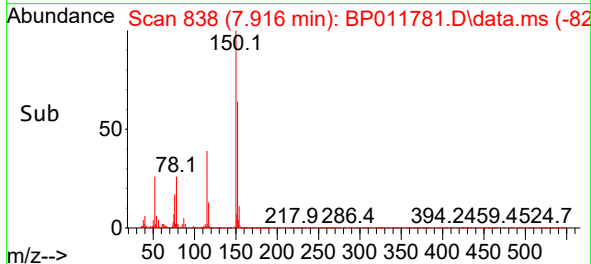
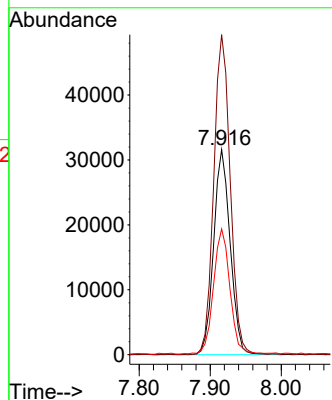
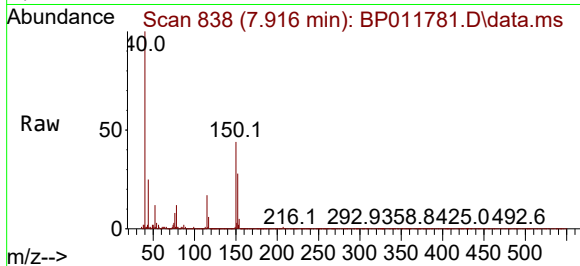




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

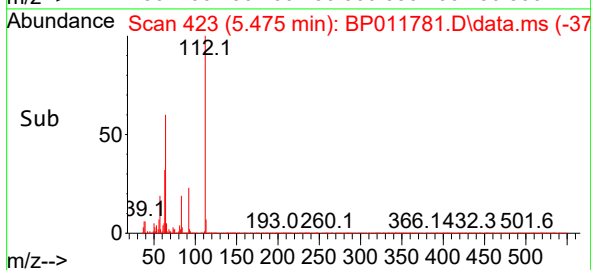
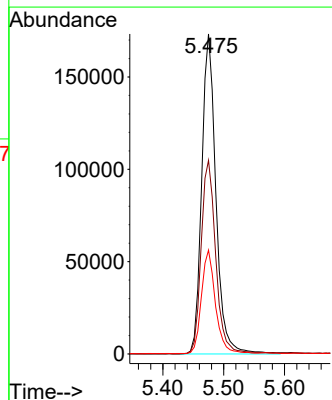
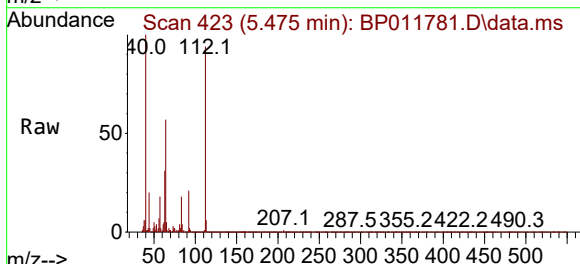
Instrument :
BNA_P
ClientSampleId :
DSN001

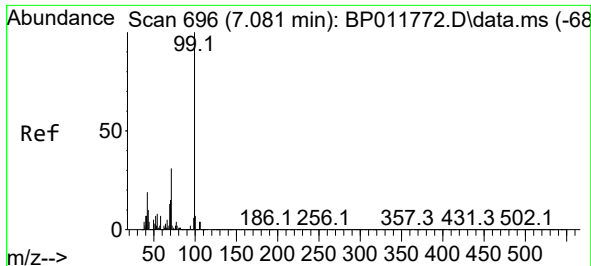
Tgt Ion:152 Resp: 50932
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.4
115 61.3 50.0 75.0



#5
2-Fluorophenol
Concen: 96.673 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion:112 Resp: 280619
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 32.5 25.2 37.8

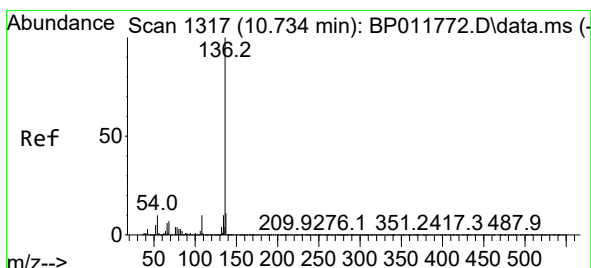
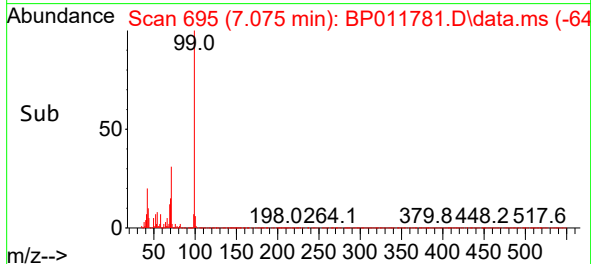
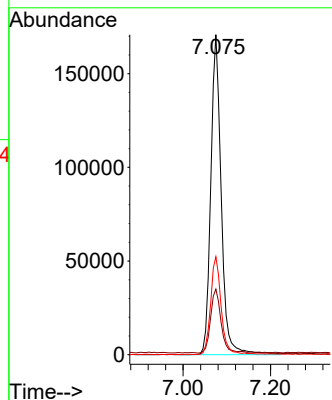
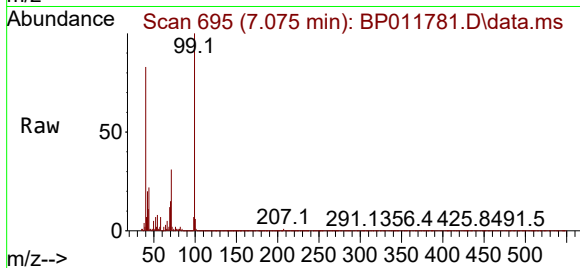




#7
Phenol-d6
Concen: 66.261 ng
RT: 7.075 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

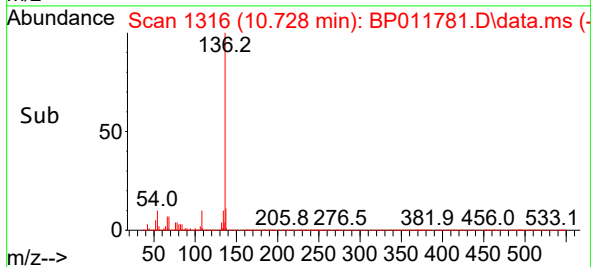
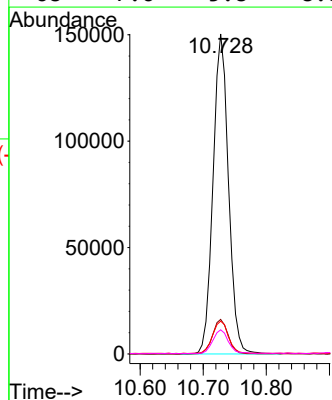
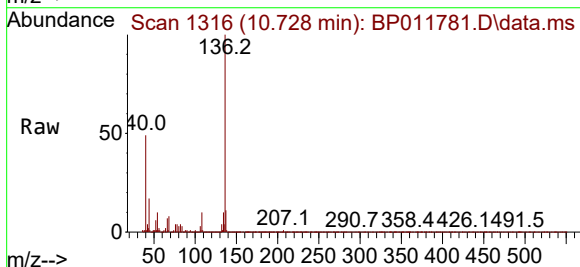
Instrument :
BNA_P
ClientSampleId :
DSN001

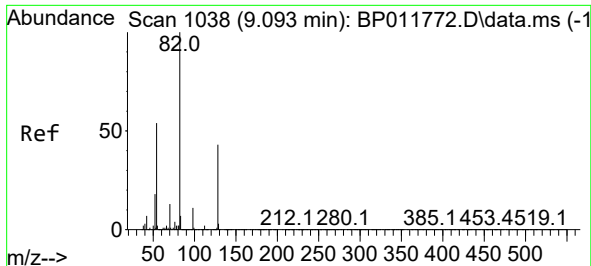
Tgt Ion: 99 Resp: 284394
Ion Ratio Lower Upper
99 100
42 20.5 15.4 23.2
71 30.6 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion: 136 Resp: 255260
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.2 8.2 12.4
68 7.6 5.8 8.8





#23

Nitrobenzene-d5

Concen: 106.018 ng

RT: 9.081 min Scan# 1103

Delta R.T. -0.012 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

Instrument :

BNA_P

ClientSampleId :

DSN001

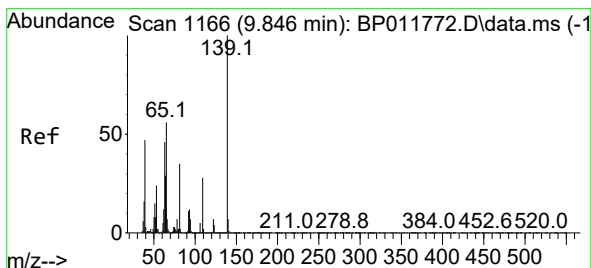
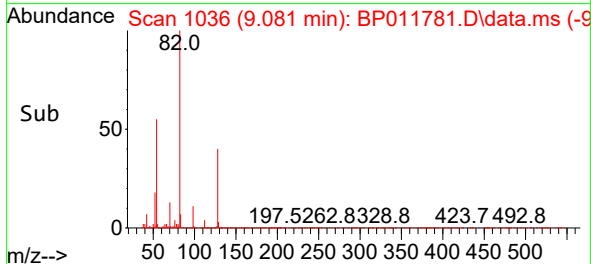
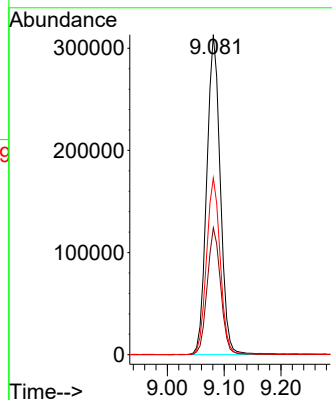
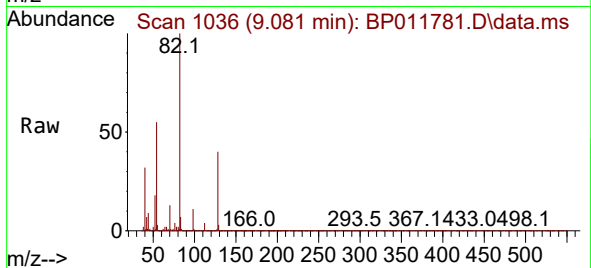
Tgt Ion: 82 Resp: 517041

Ion Ratio Lower Upper

82 100

128 39.7 34.2 51.4

54 55.2 43.1 64.7



#26

2-Nitrophenol

Concen: 3.381 ng

RT: 9.840 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

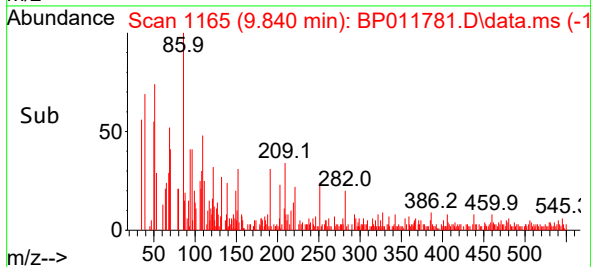
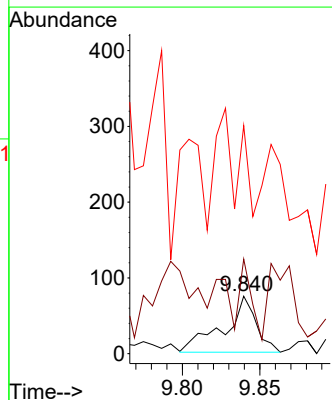
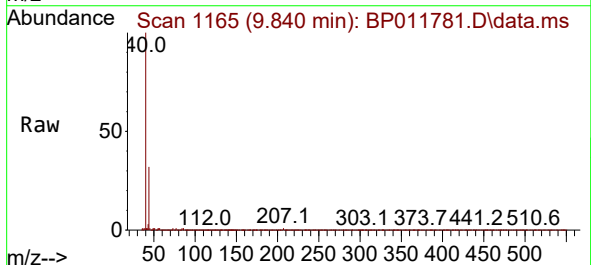
Tgt Ion:139 Resp: 108

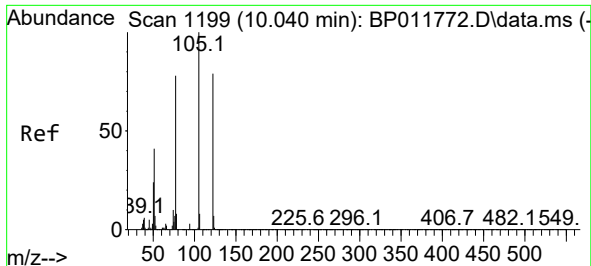
Ion Ratio Lower Upper

139 100

109 164.5 22.6 34.0#

65 396.1 44.7 67.1#

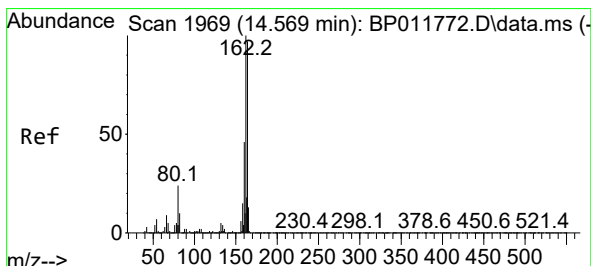
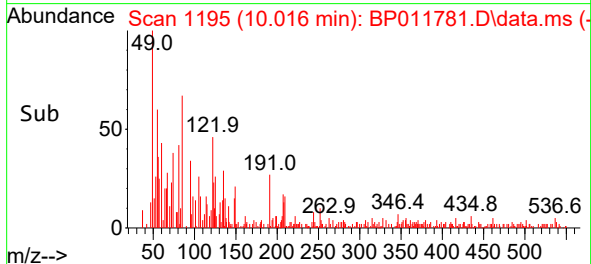
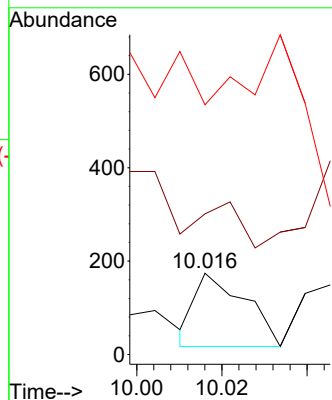
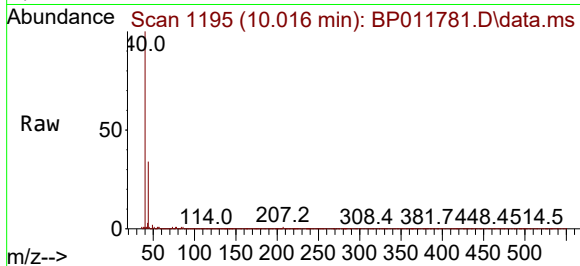




#32
Benzoic acid
Concen: 6.798 ng
RT: 10.016 min Scan# 1199
Delta R.T. -0.024 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

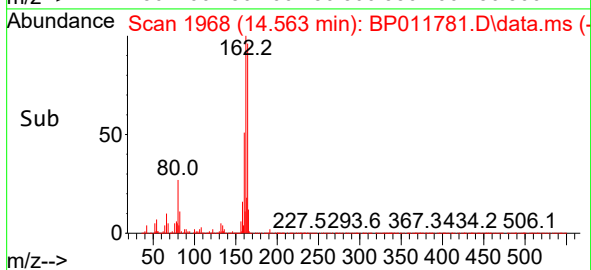
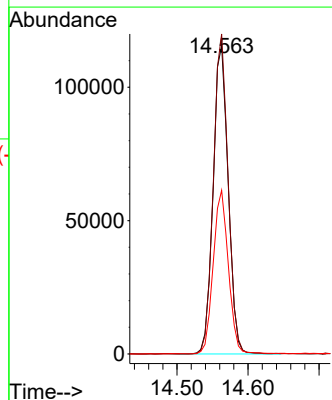
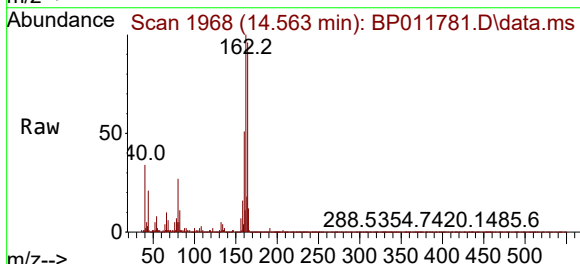
Instrument :
BNA_P
ClientSampleId :
DSN001

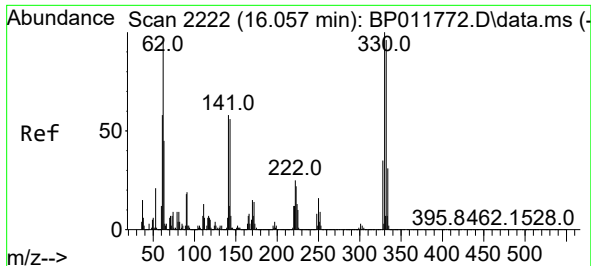
Tgt Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 173.0 101.0 141.0#
77 307.5 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion:164 Resp: 170038
Ion Ratio Lower Upper
164 100
162 103.8 82.5 123.7
160 53.1 37.8 56.6

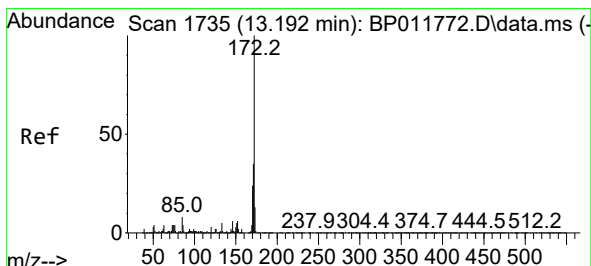
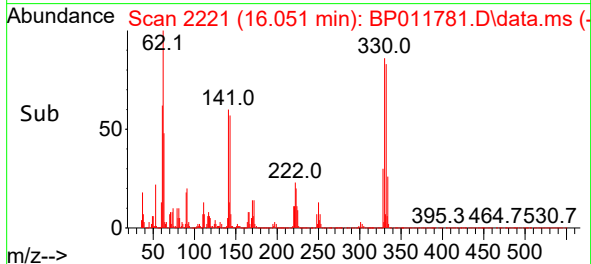
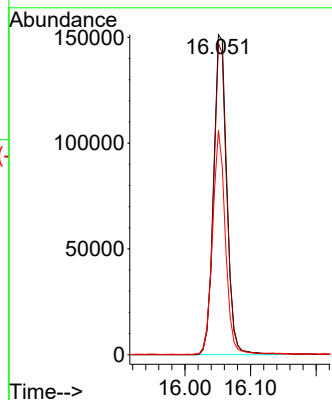
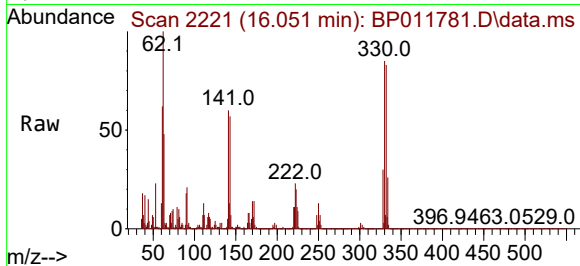




#42
2,4,6-Tribromophenol
Concen: 186.951 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

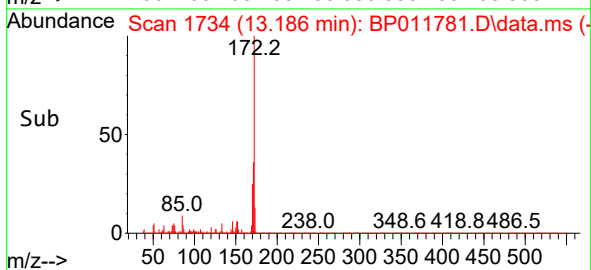
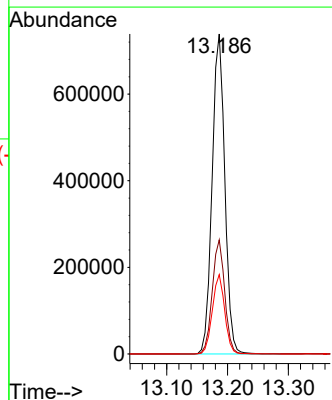
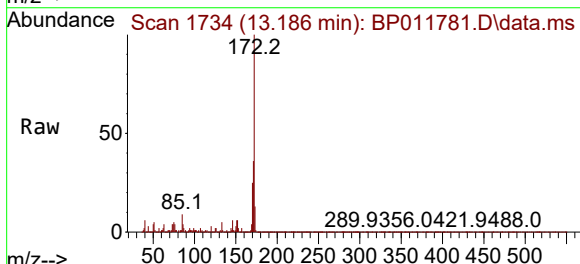
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ClientSampleId :
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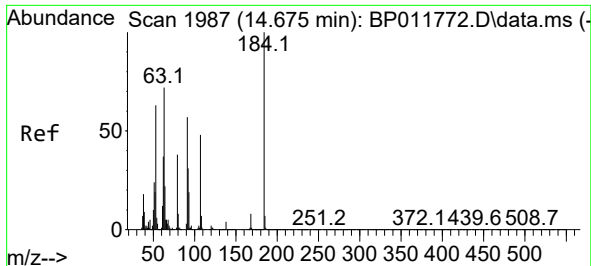
Tgt Ion:330 Resp: 214049
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 67.4 48.7 73.1



#45
2-Fluorobiphenyl
Concen: 99.535 ng
RT: 13.186 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion:172 Resp: 1070244
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.8 19.5 29.3

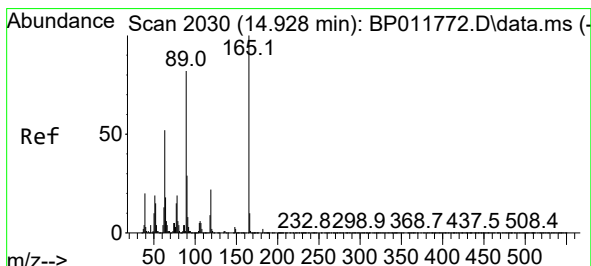
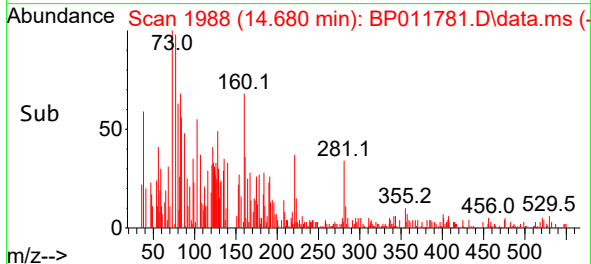
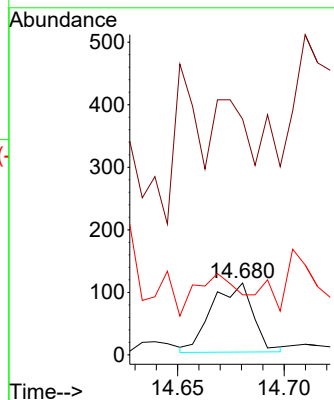
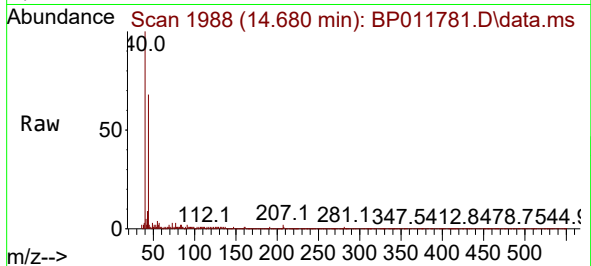




#54
2,4-Dinitrophenol
Concen: 6.827 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.005 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

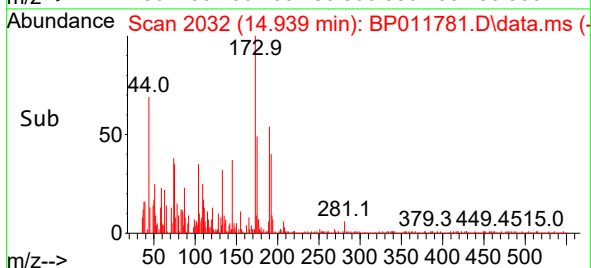
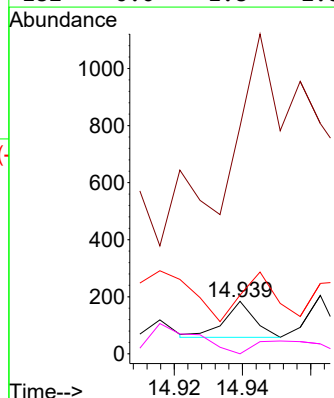
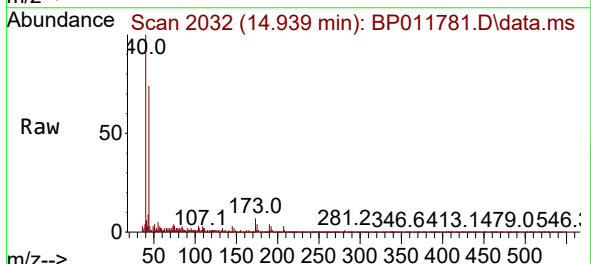
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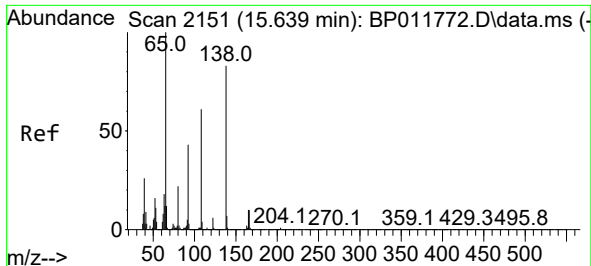
Tgt Ion:184 Resp: 149
Ion Ratio Lower Upper
184 100
63 327.8 65.7 98.5#
154 83.5 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.558 ng
RT: 14.939 min Scan# 2032
Delta R.T. 0.011 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion:165 Resp: 78
Ion Ratio Lower Upper
165 100
63 433.2 41.4 62.2#
89 112.0 66.0 99.0#
182 0.0 1.8 2.8#

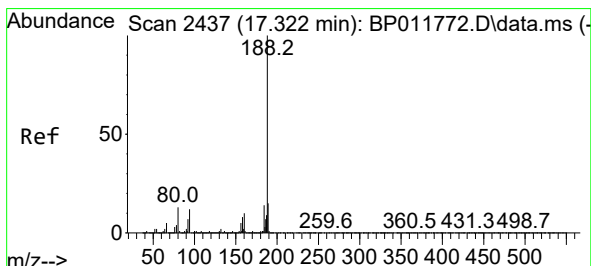
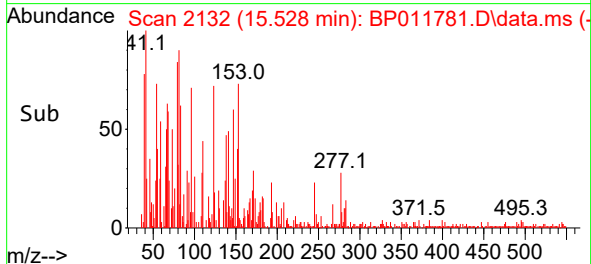
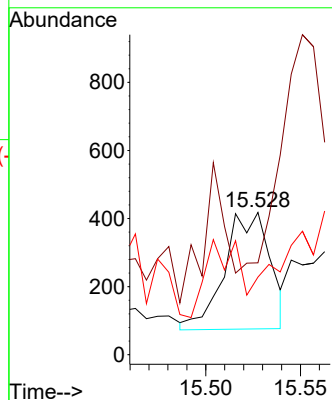
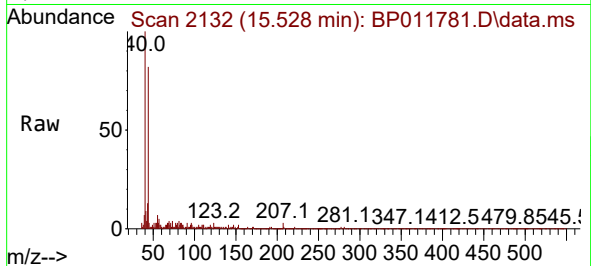




#62
4-Nitroaniline
Concen: 2.532 ng
RT: 15.528 min Scan# 2151
Delta R.T. -0.111 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

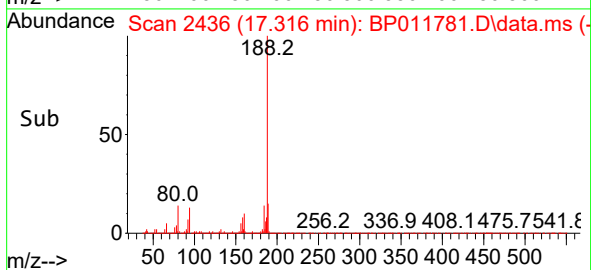
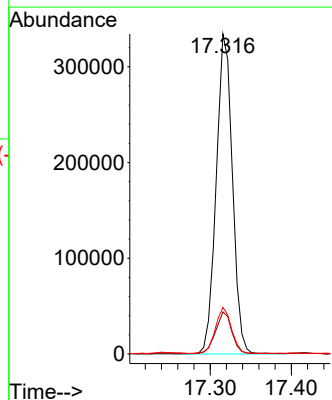
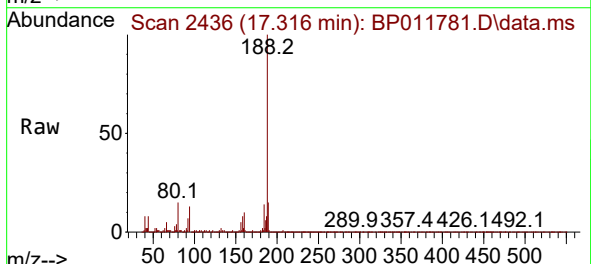
Instrument :
BNA_P
ClientSampleId :
DSN001

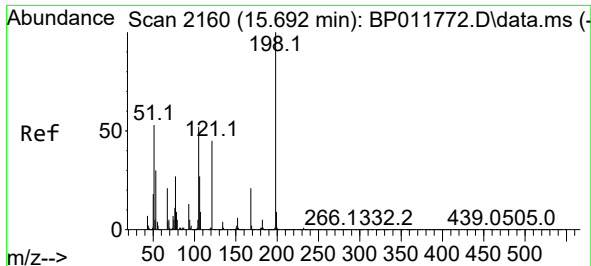
Tgt Ion:138 Resp: 568
Ion Ratio Lower Upper
138 100
92 64.6 31.9 71.9
108 54.5 53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion:188 Resp: 464816
Ion Ratio Lower Upper
188 100
94 13.2 9.4 14.0
80 14.6 10.6 15.8

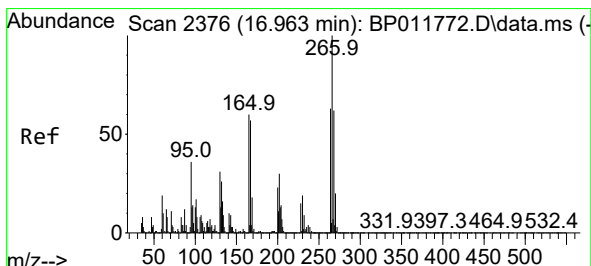
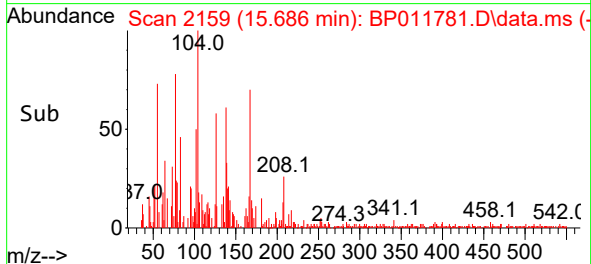
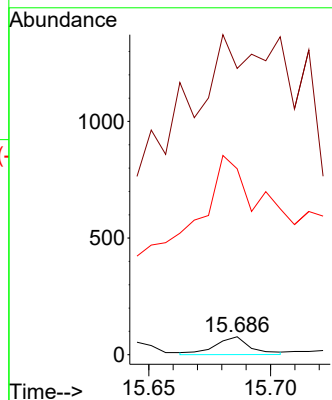
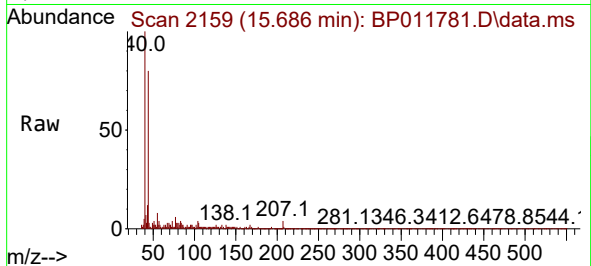




#65
4,6-Dinitro-2-methylphenol
Concen: 5.649 ng
RT: 15.686 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

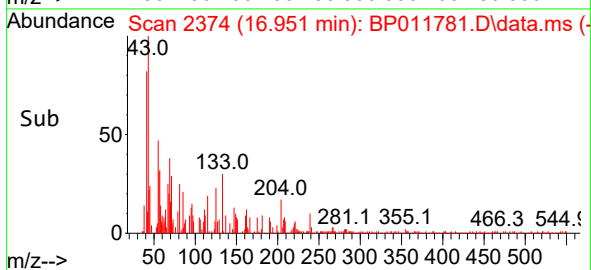
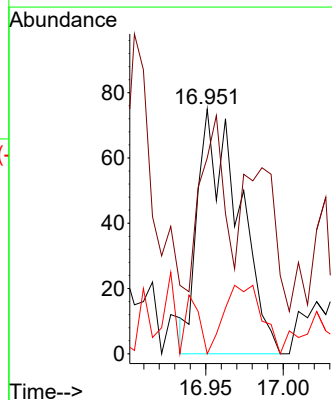
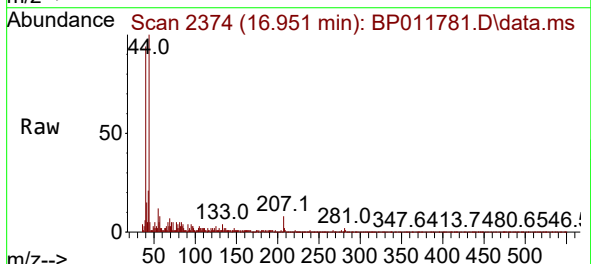
Instrument :
BNA_P
ClientSampleId :
DSN001

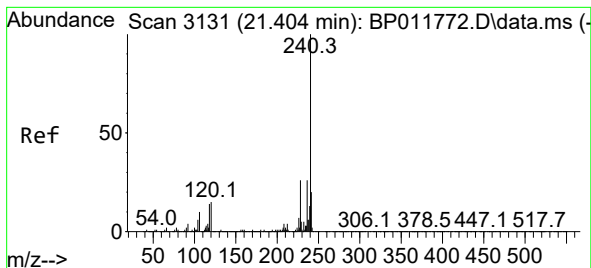
Tgt Ion:198 Resp: 77
Ion Ratio Lower Upper
198 100
51 1593.5 41.6 81.6#
105 1035.1 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.429 ng
RT: 16.951 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion:266 Resp: 138
Ion Ratio Lower Upper
266 100
268 80.0 49.7 74.5#
264 0.0 50.6 75.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

Instrument :

BNA_P

ClientSampleId :

DSN001

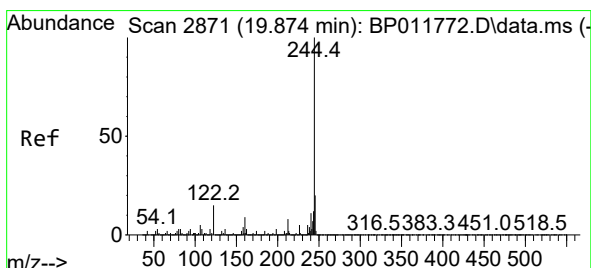
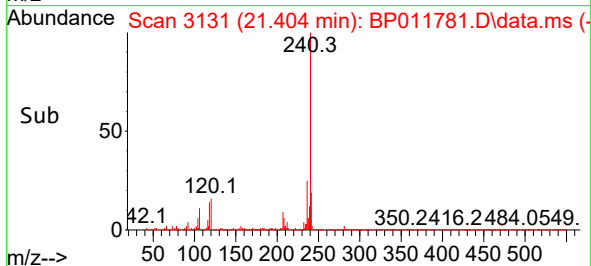
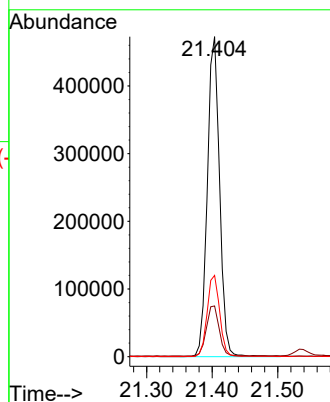
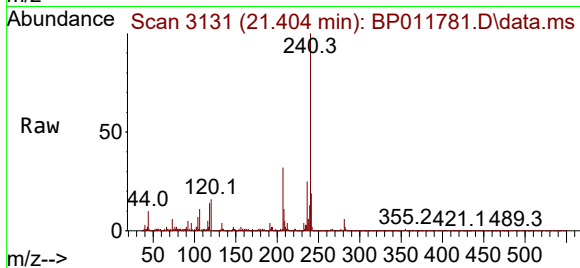
Tgt Ion:240 Resp: 613675

Ion Ratio Lower Upper

240 100

120 15.9 12.0 18.0

236 25.4 21.1 31.7



#79

Terphenyl-d14

Concen: 100.320 ng

RT: 19.874 min Scan# 2871

Delta R.T. -0.000 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

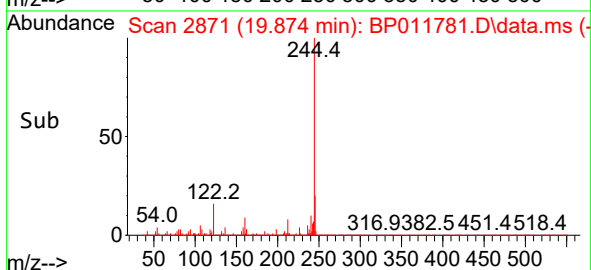
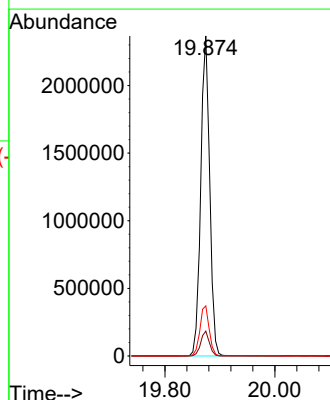
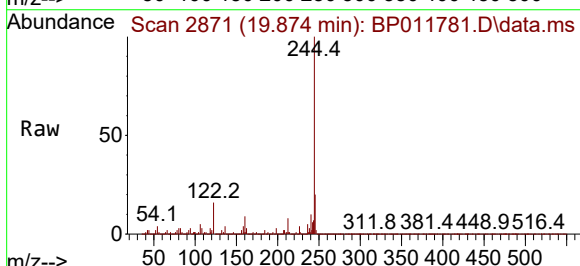
Tgt Ion:244 Resp: 2677461

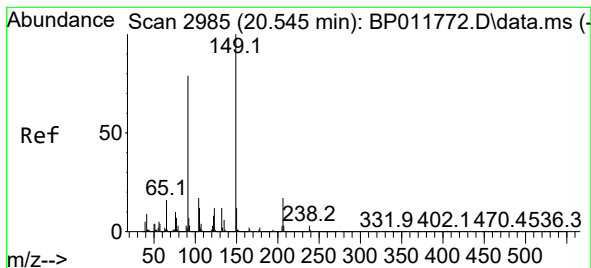
Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 15.6 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.714 ng

RT: 20.557 min Scan# 2985

Delta R.T. 0.012 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

Instrument :

BNA_P

ClientSampleId :

DSN001

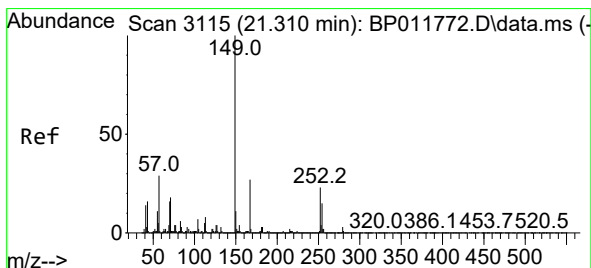
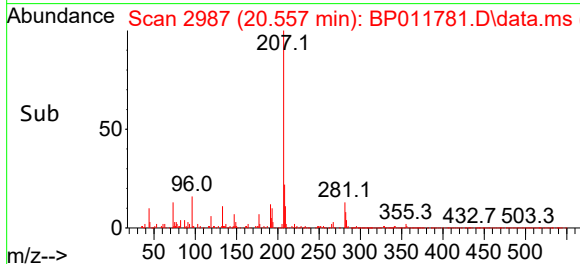
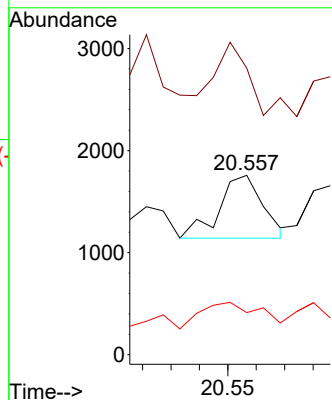
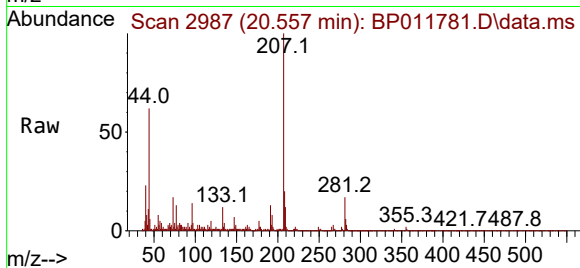
Tgt Ion:149 Resp: 659

Ion Ratio Lower Upper

149 100

91 159.7 63.1 94.7#

206 23.5 13.6 20.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.137 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

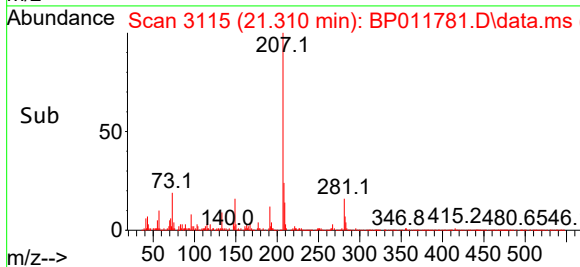
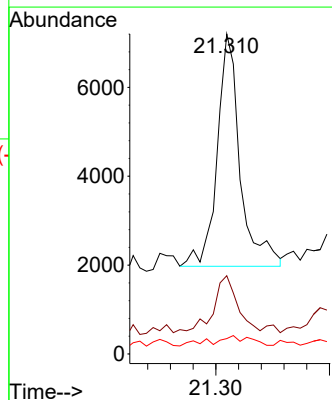
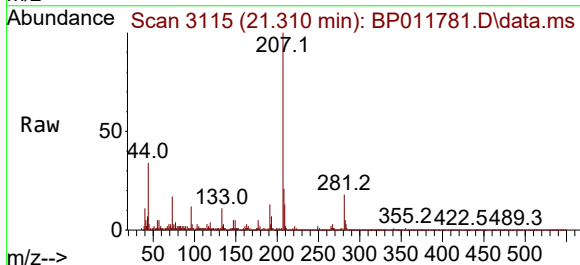
Tgt Ion:149 Resp: 7324

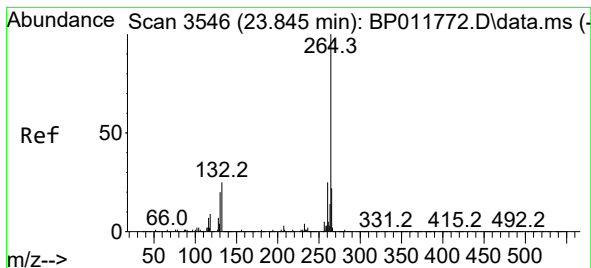
Ion Ratio Lower Upper

149 100

167 24.4 21.8 32.6

279 4.8 2.5 3.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP011781.D

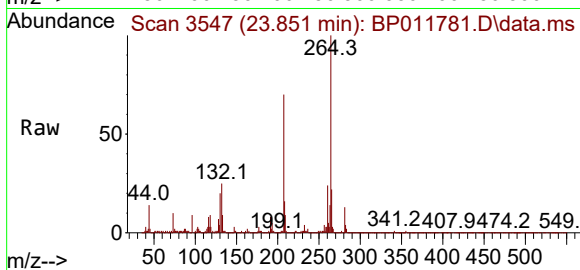
Acq: 23 Sep 2022 12:21

Instrument :

BNA_P

ClientSampleId :

DSN001



Tgt Ion:264 Resp: 734016

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 22.0 17.8 26.8

