

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011809.D
 Acq On : 27 Sep 2022 11:06
 Operator : CG/JU
 Sample : PB147869BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147869BL

Quant Time: Sep 28 02:05:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

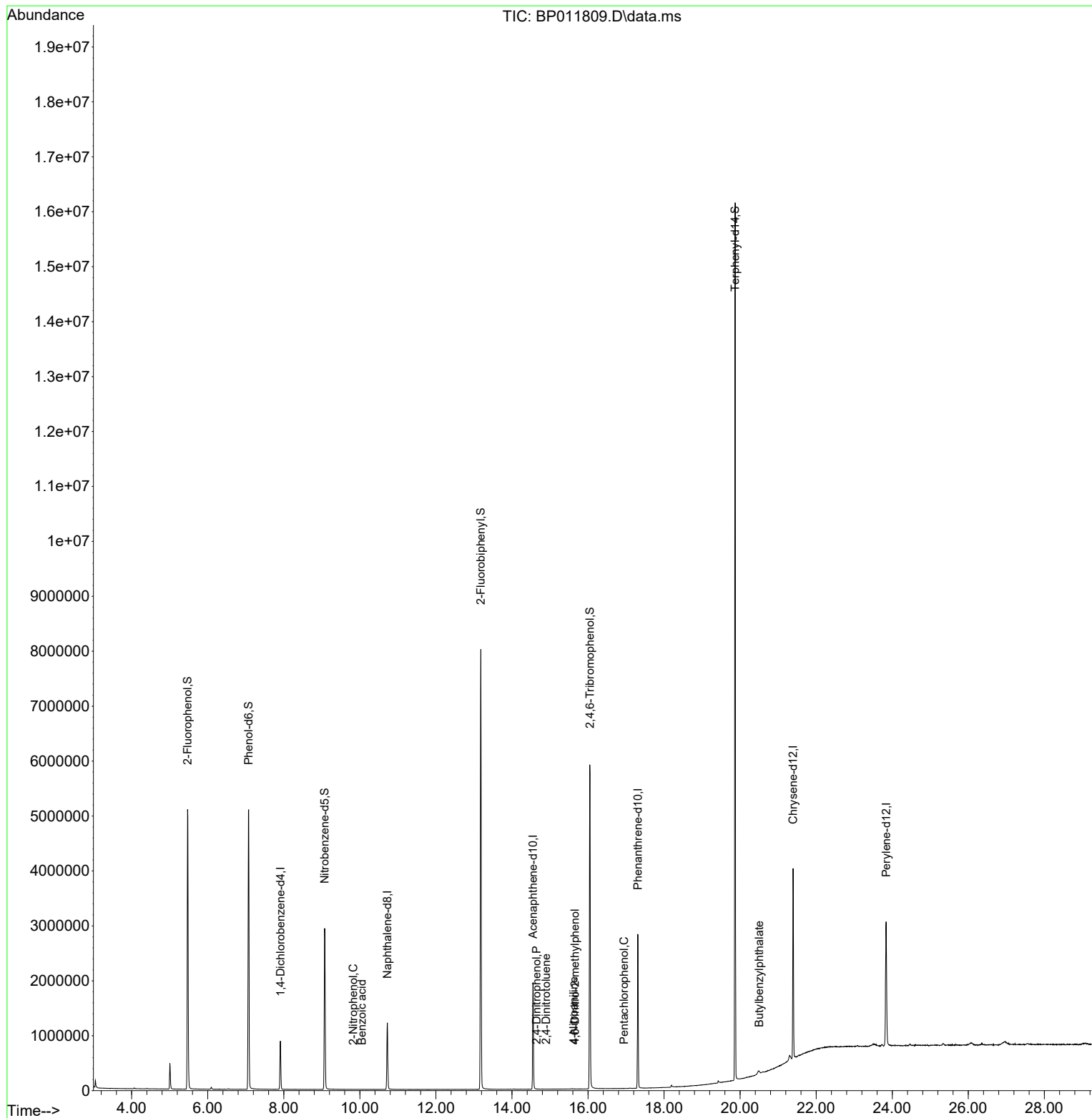
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	248056	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1056908	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	683273	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1565312	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1547337	20.000	ng	0.00
86) Perylene-d12	23.839	264	1566408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	2440094	172.598	ng	0.00
7) Phenol-d6	7.075	99	3238382	154.919	ng	0.00
23) Nitrobenzene-d5	9.075	82	1725048	85.428	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	908734	197.517	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4115849	95.259	ng	0.00
79) Terphenyl-d14	19.869	244	7117181	105.761	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.828	139	23	3.334	ng	# 1
32) Benzoic acid	10.052	122	23	6.760	ng	# 1
54) 2,4-Dinitrophenol	14.646	184	23	6.730	ng	# 1
57) 2,4-Dinitrotoluene	14.898	165	60	2.543	ng	# 44
62) 4-Nitroaniline	15.628	138	36	2.388	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.651	198	34	5.624	ng	# 1
70) Pentachlorophenol	16.945	266	54	4.389	ng	# 29
80) Butylbenzylphthalate	20.504	149	101	2.685	ng	# 64

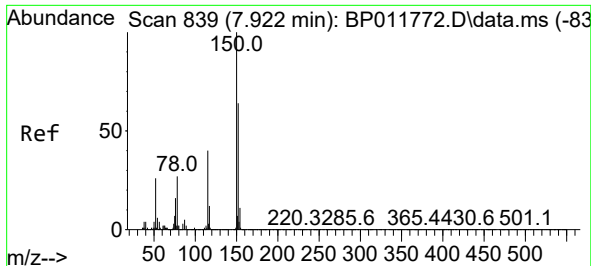
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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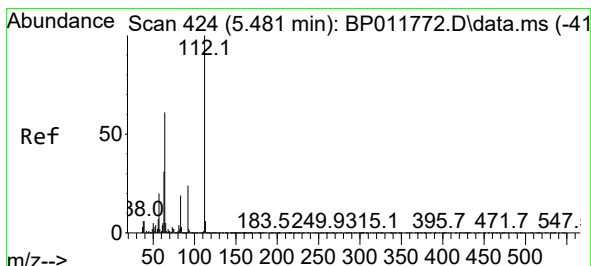
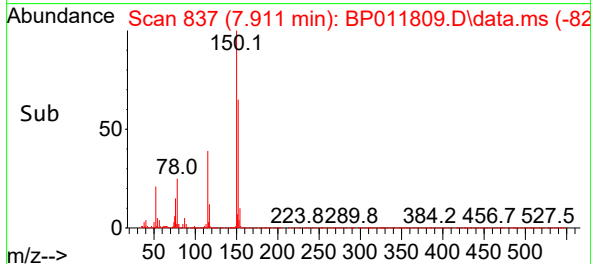
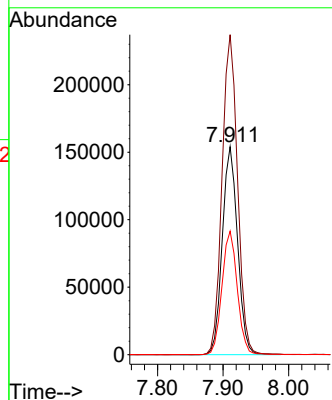
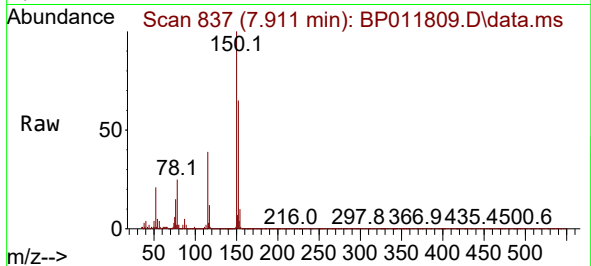




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

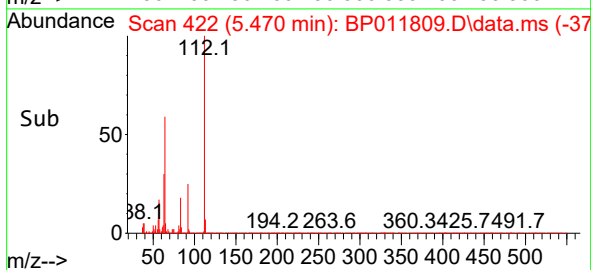
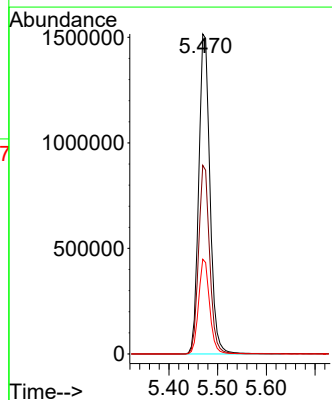
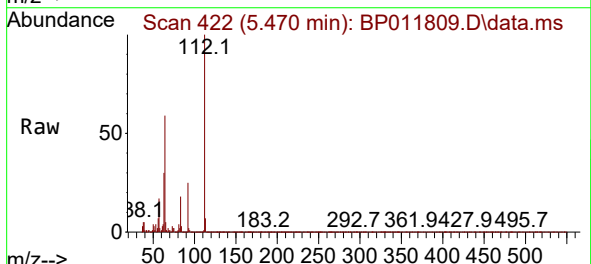
Instrument :
BNA_P
ClientSampleId :
PB147869BL

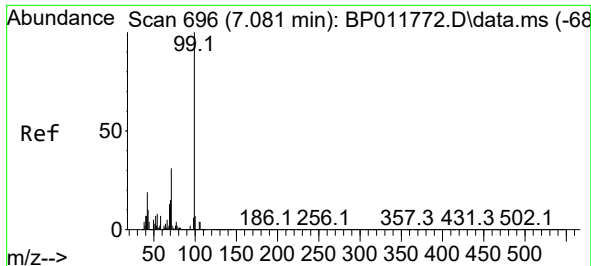
Tgt Ion:152 Resp: 248056
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.4
115 59.4 50.0 75.0



#5
2-Fluorophenol
Concen: 172.598 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

Tgt Ion:112 Resp: 2440094
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 29.6 25.2 37.8

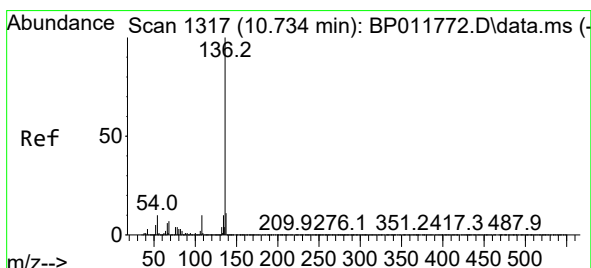
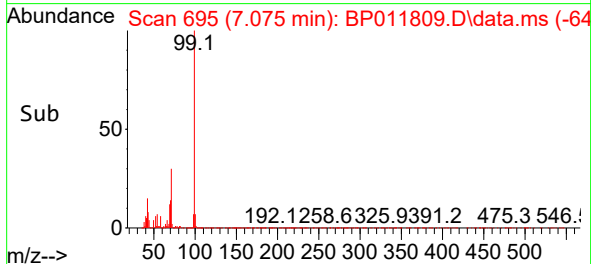
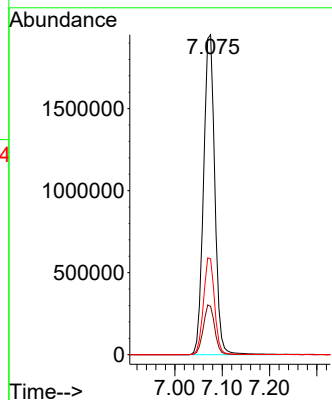
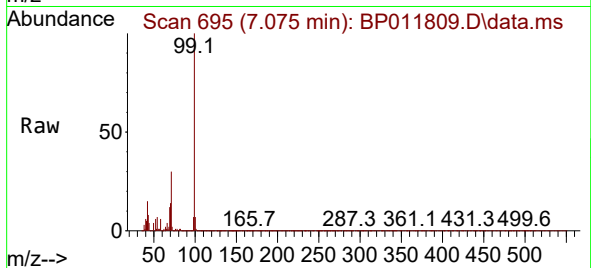




#7
Phenol-d6
Concen: 154.919 ng
RT: 7.075 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

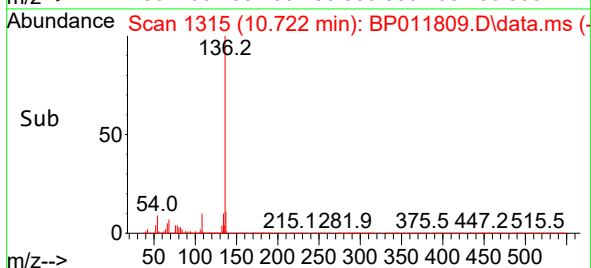
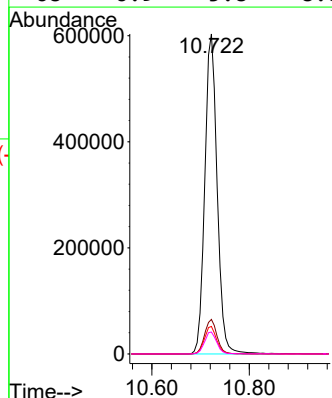
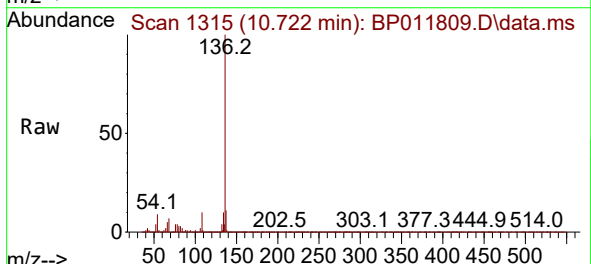
Instrument :
BNA_P
ClientSampleId :
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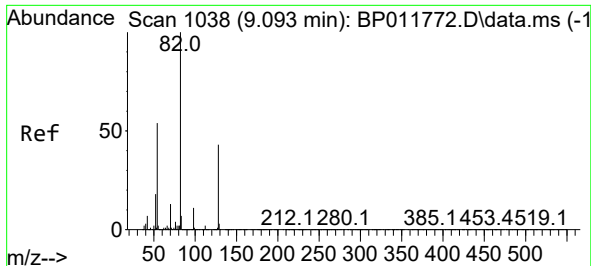
Tgt Ion: 99 Resp: 3238382
Ion Ratio Lower Upper
99 100
42 15.1 15.4 23.2#
71 30.0 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

Tgt Ion: 136 Resp: 1056908
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.6 8.2 12.4
68 6.9 5.8 8.8

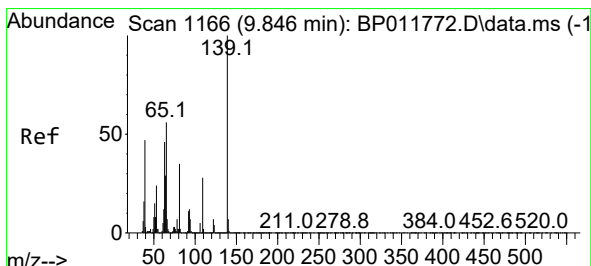
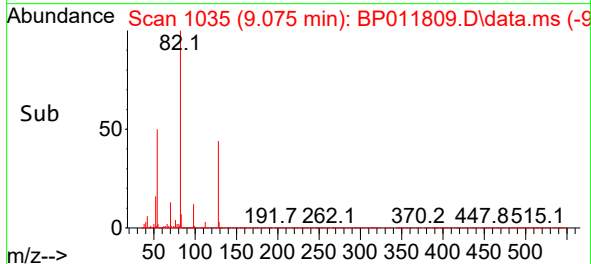
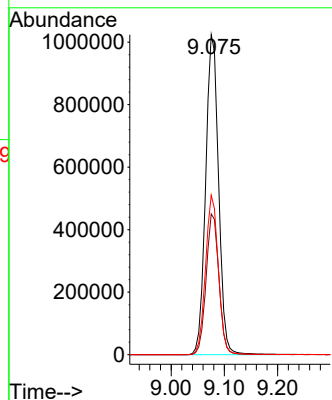
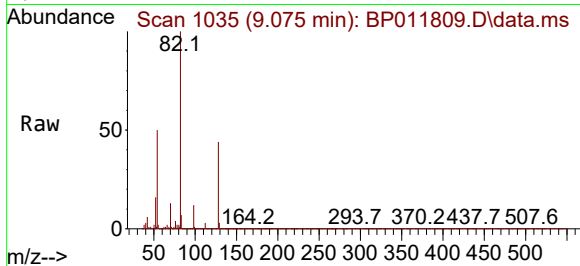




#23
Nitrobenzene-d5
Concen: 85.428 ng
RT: 9.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

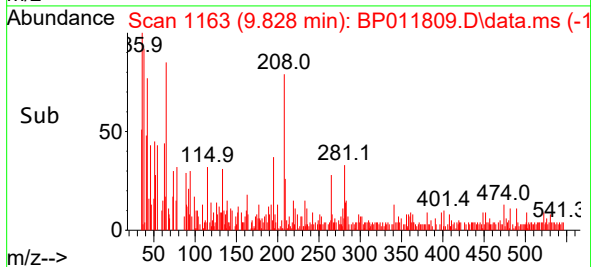
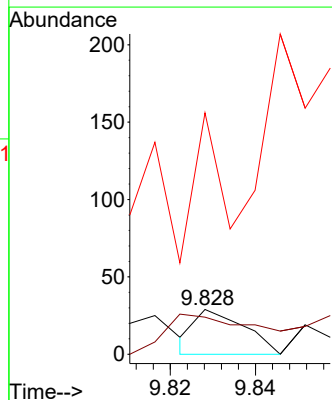
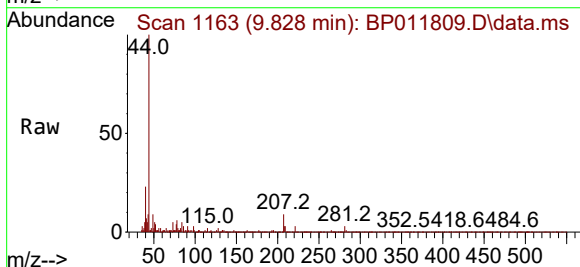
Instrument :
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ClientSampleId :
PB147869BL

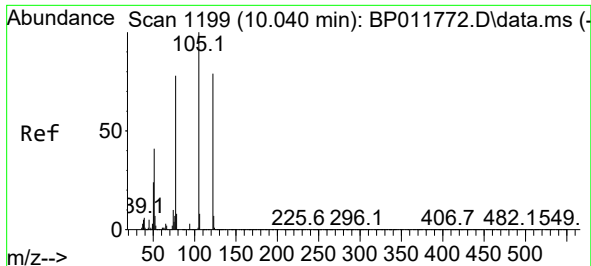
Tgt Ion: 82 Resp: 1725048
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.4
54 49.9 43.1 64.7



#26
2-Nitrophenol
Concen: 3.334 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 82.8 22.6 34.0#
65 537.9 44.7 67.1#

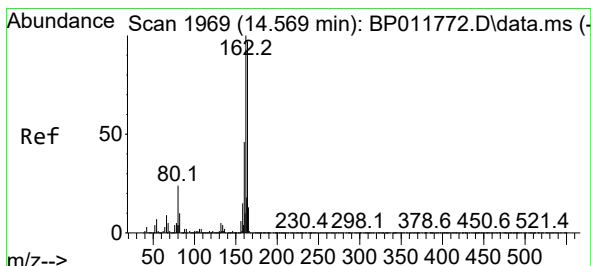
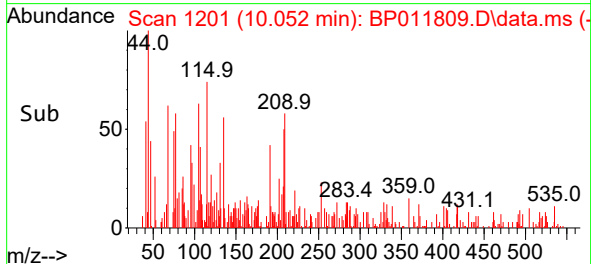
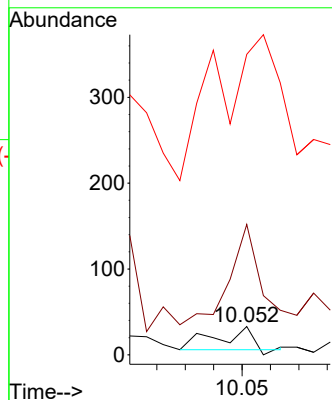
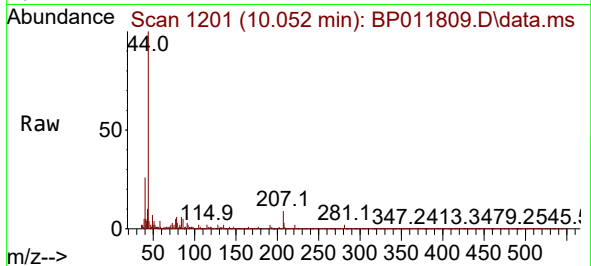




#32
Benzoic acid
Concen: 6.760 ng
RT: 10.052 min Scan# 1199
Delta R.T. 0.035 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

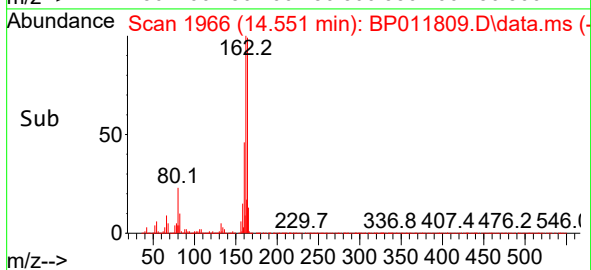
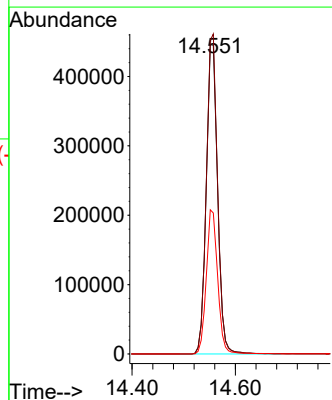
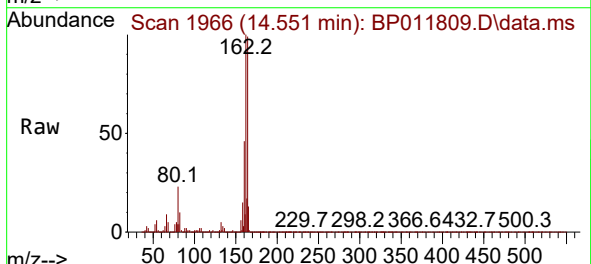
Instrument :
BNA_P
ClientSampleId :
PB147869BL

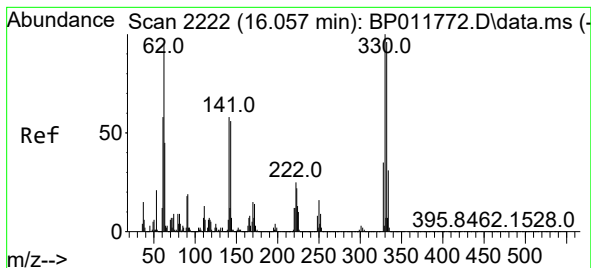
Tgt Ion:122 Resp: 23
Ion Ratio Lower Upper
122 100
105 460.6 101.0 141.0#
77 1060.6 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

Tgt Ion:164 Resp: 683273
Ion Ratio Lower Upper
164 100
162 101.5 82.5 123.7
160 46.6 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 197.517 ng

RT: 16.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP011809.D

Acq: 27 Sep 2022 11:06

Instrument :

BNA_P

ClientSampleId :

PB147869BL

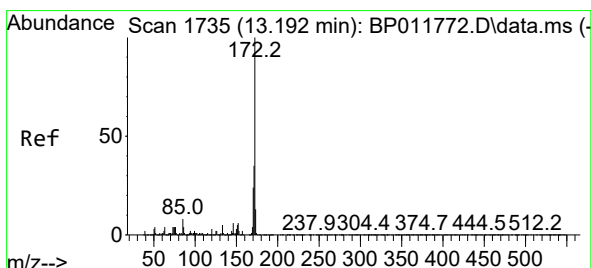
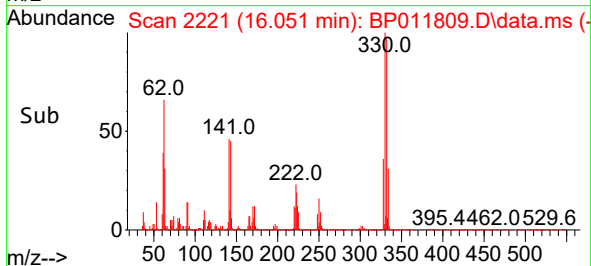
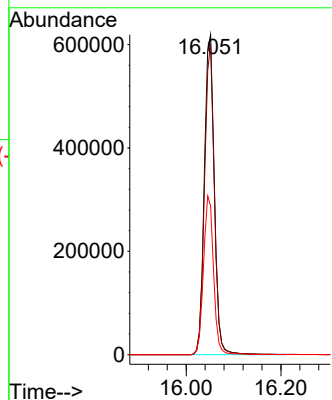
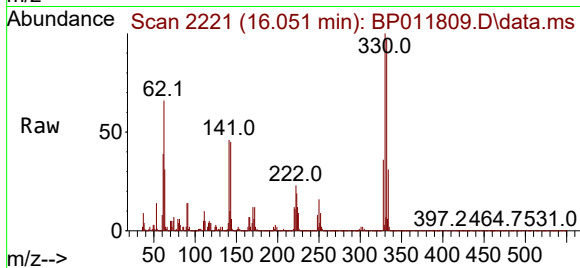
Tgt Ion:330 Resp: 908734

Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

141 50.0 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 95.259 ng

RT: 13.181 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP011809.D

Acq: 27 Sep 2022 11:06

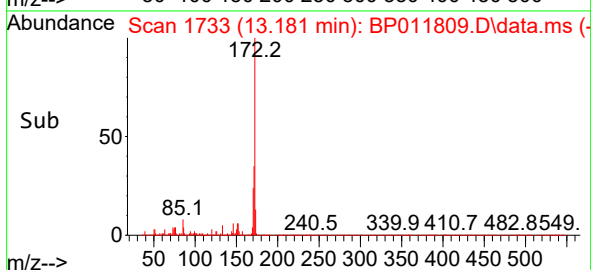
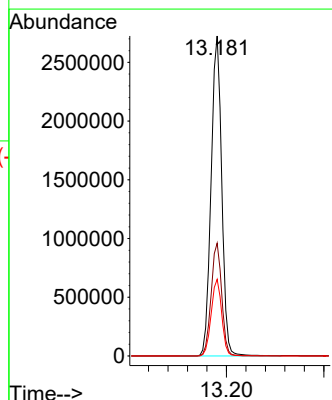
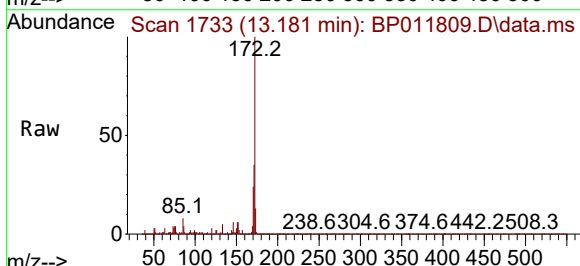
Tgt Ion:172 Resp: 4115849

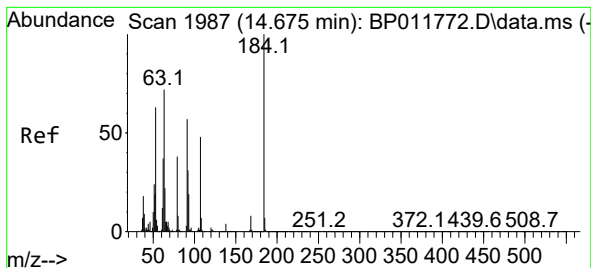
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 24.0 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.730 ng

RT: 14.646 min Scan# 1987

Delta R.T. -0.018 min

Lab File: BP011809.D

Acq: 27 Sep 2022 11:06

Instrument :

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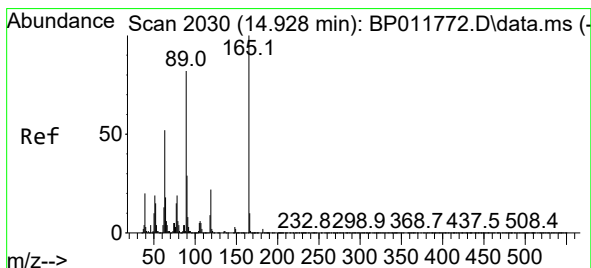
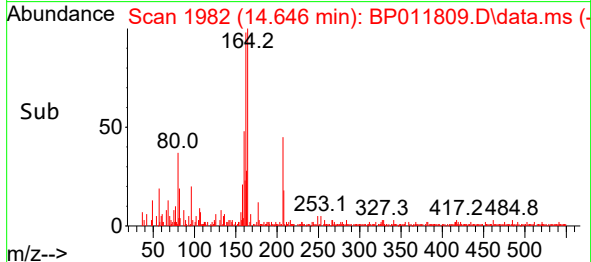
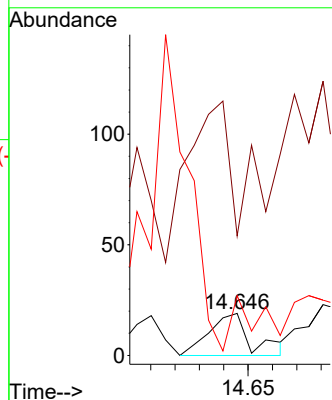
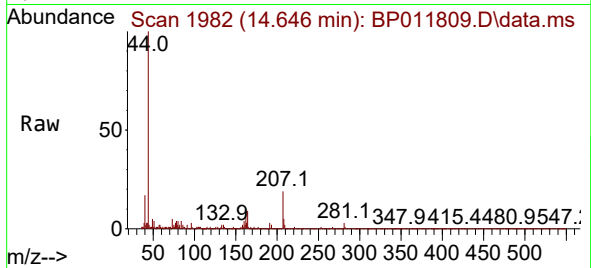
Tgt Ion:184 Resp: 23

Ion Ratio Lower Upper

184 100

63 284.2 65.7 98.5#

154 142.1 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.543 ng

RT: 14.898 min Scan# 2025

Delta R.T. -0.018 min

Lab File: BP011809.D

Acq: 27 Sep 2022 11:06

Tgt Ion:165 Resp: 60

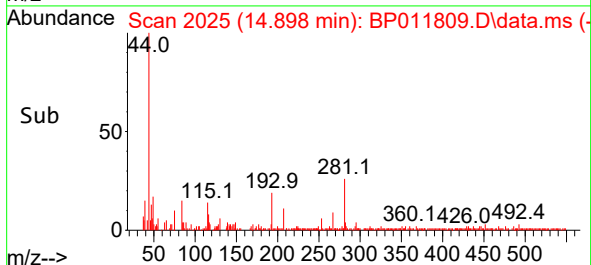
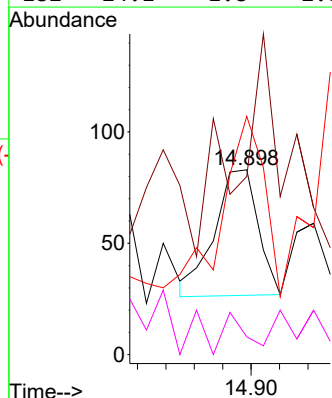
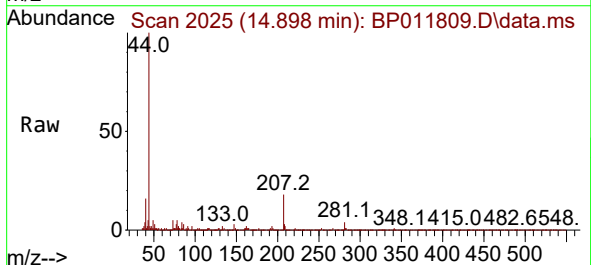
Ion Ratio Lower Upper

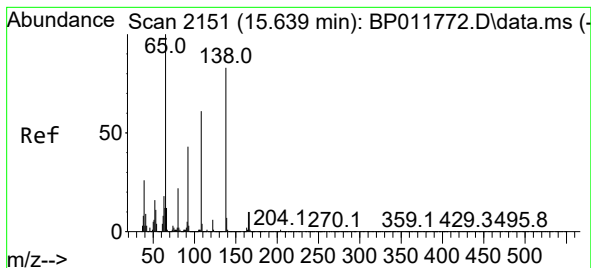
165 100

63 96.4 41.4 62.2#

89 128.9 66.0 99.0#

182 24.1 1.8 2.8#

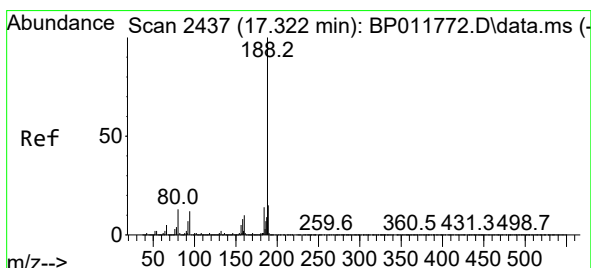
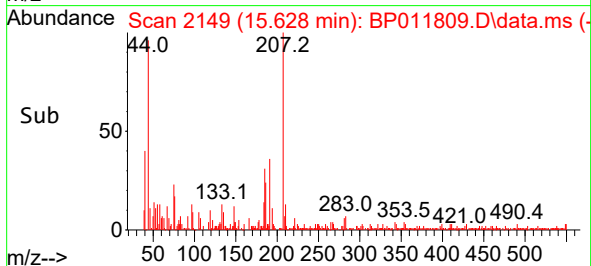
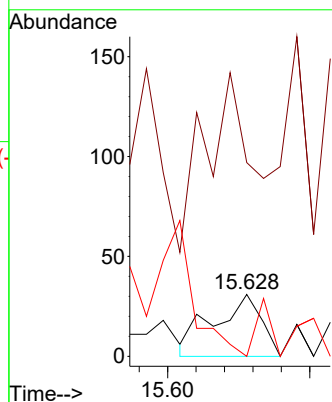
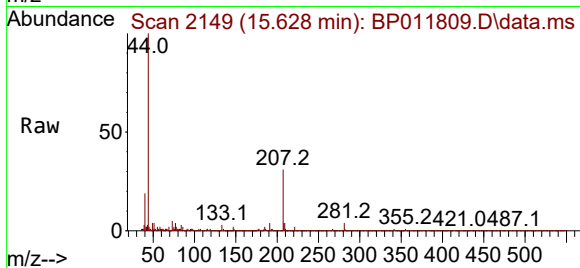




#62
4-Nitroaniline
Concen: 2.388 ng
RT: 15.628 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

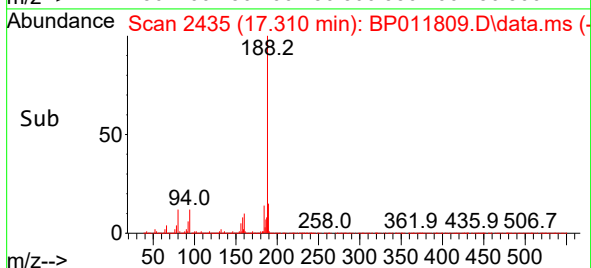
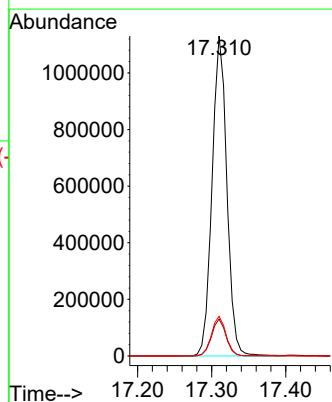
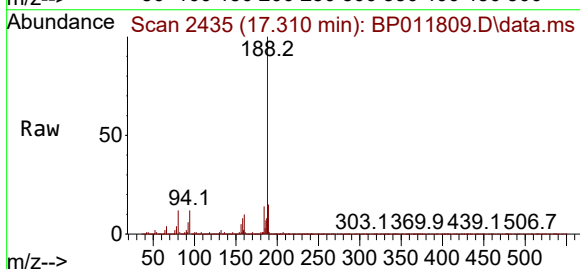
Instrument :
BNA_P
ClientSampleId :
PB147869BL

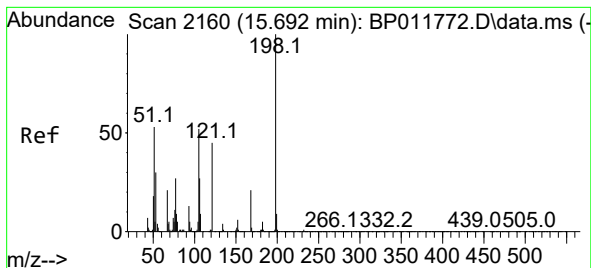
Tgt Ion:138 Resp: 36
Ion Ratio Lower Upper
138 100
92 312.9 31.9 71.9#
108 0.0 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

Tgt Ion:188 Resp: 1565312
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.0
80 12.4 10.6 15.8

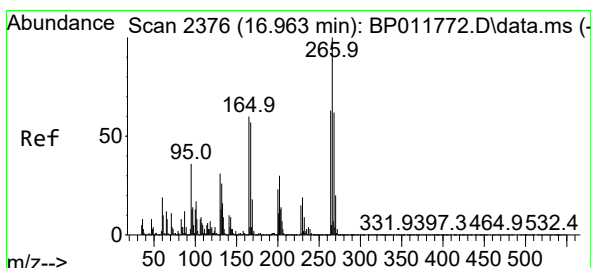
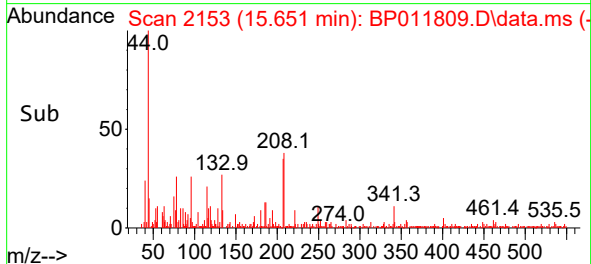
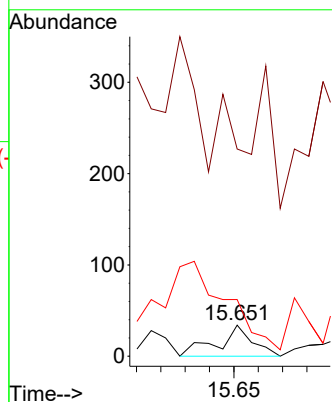
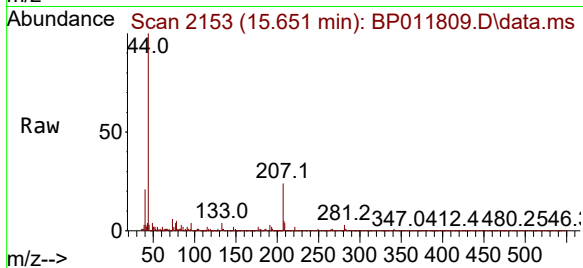




#65
4,6-Dinitro-2-methylphenol
Concen: 5.624 ng
RT: 15.651 min Scan# 2160
Delta R.T. -0.029 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

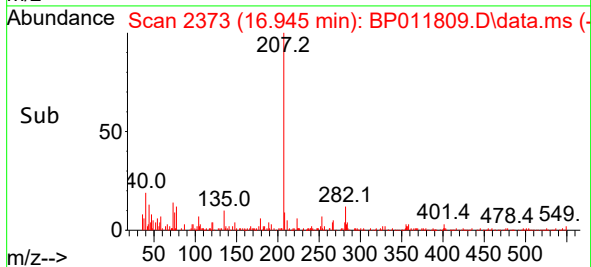
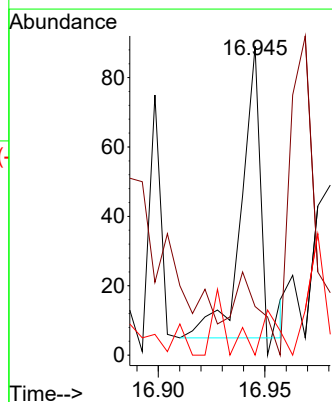
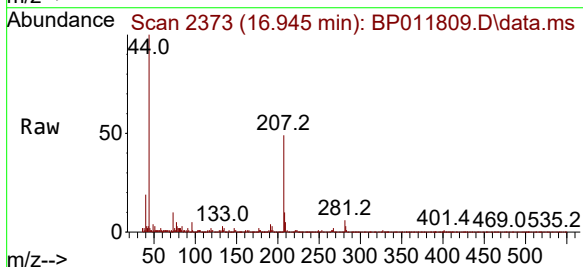
Instrument :
BNA_P
ClientSampleId :
PB147869BL

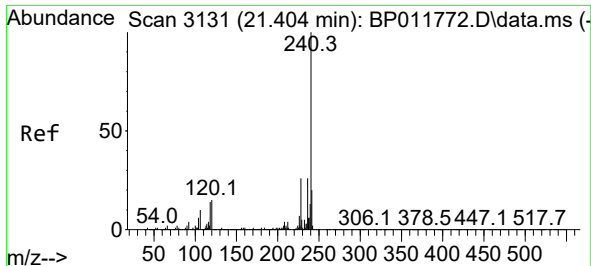
Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 667.6 41.6 81.6#
105 182.4 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.389 ng
RT: 16.945 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 15.7 49.7 74.5#
264 0.0 50.6 75.8#

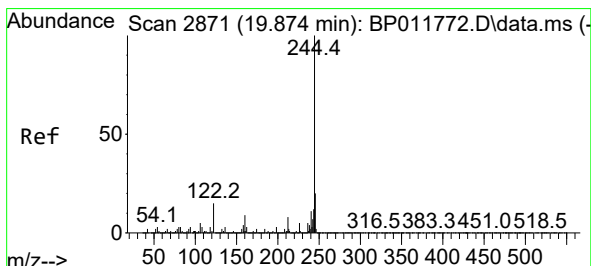
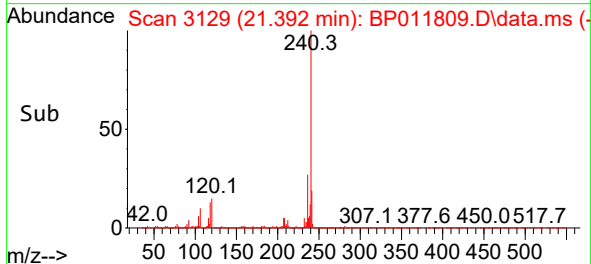
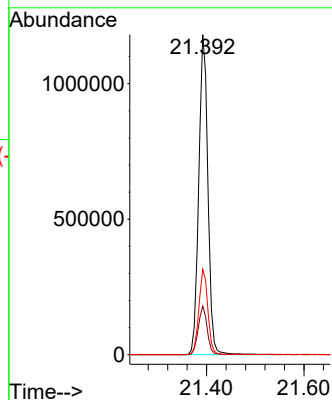
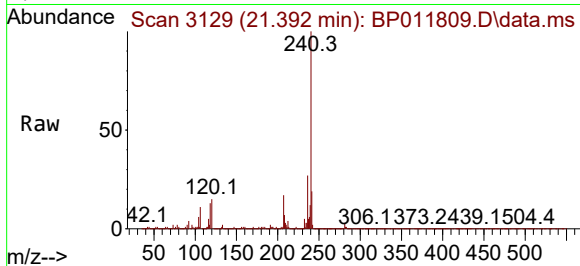




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

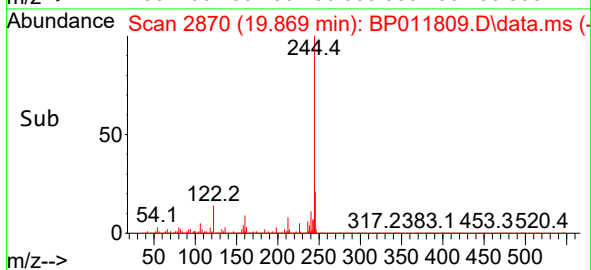
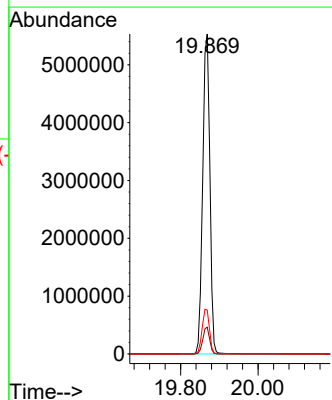
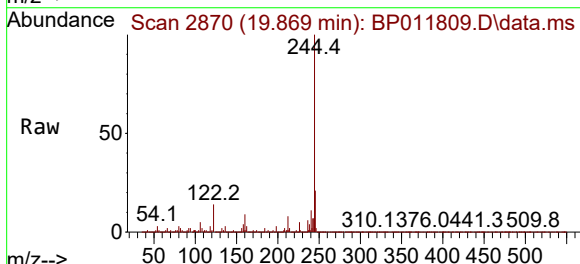
Instrument :
BNA_P
ClientSampleId :
PB147869BL

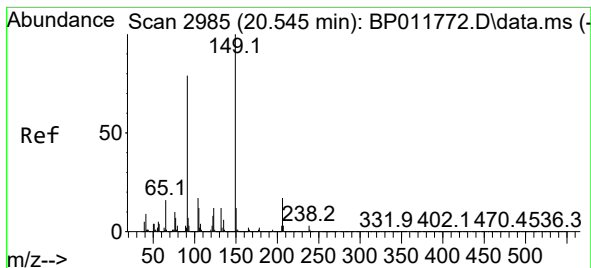
Tgt Ion:240 Resp: 1547337
Ion Ratio Lower Upper
240 100
120 15.2 12.0 18.0
236 26.6 21.1 31.7



#79
Terphenyl-d14
Concen: 105.761 ng
RT: 19.869 min Scan# 2870
Delta R.T. 0.000 min
Lab File: BP011809.D
Acq: 27 Sep 2022 11:06

Tgt Ion:244 Resp: 7117181
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 13.7 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.685 ng

RT: 20.504 min Scan# 2985

Delta R.T. -0.035 min

Lab File: BP011809.D

Acq: 27 Sep 2022 11:06

Instrument :

BNA_P

ClientSampleId :

PB147869BL

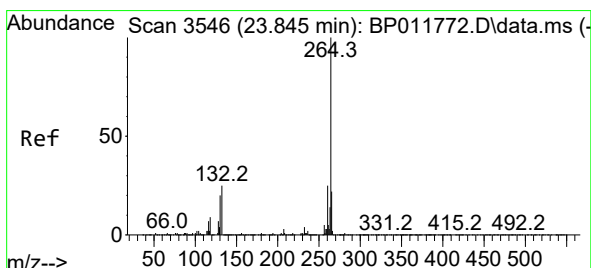
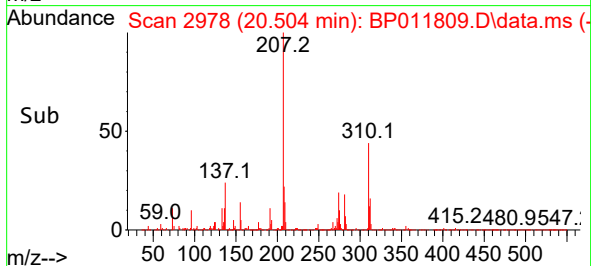
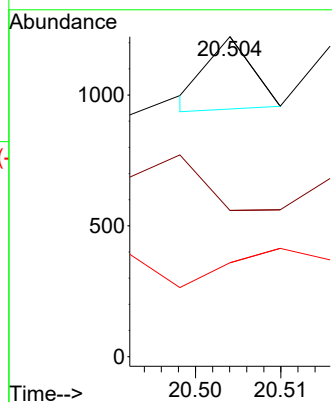
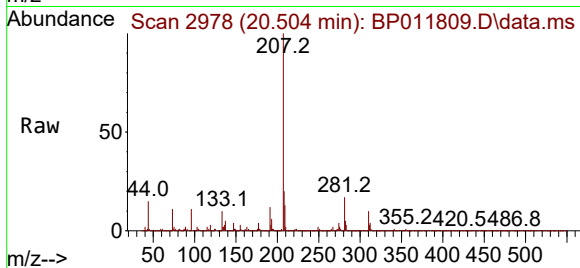
Tgt Ion:149 Resp: 101

Ion Ratio Lower Upper

149 100

91 45.7 63.1 94.7#

206 29.4 13.6 20.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 3545

Delta R.T. 0.000 min

Lab File: BP011809.D

Acq: 27 Sep 2022 11:06

Tgt Ion:264 Resp: 1566408

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 22.3 17.8 26.8

