

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011823.D
 Acq On : 27 Sep 2022 19:30
 Operator : CG/JU
 Sample : N4839-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5592-2

Quant Time: Sep 28 02:09:47 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)

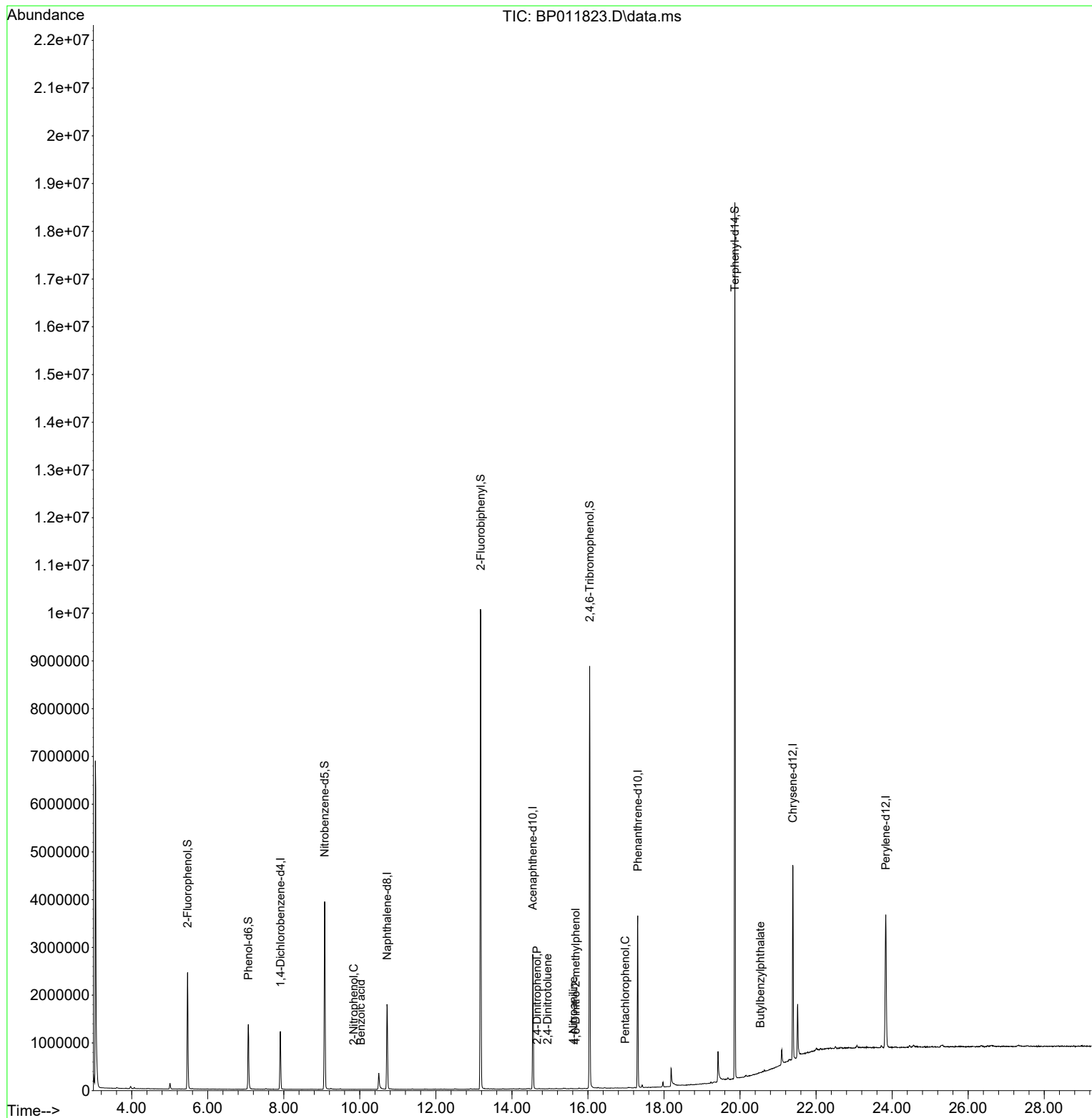
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	351907	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1522881	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	970093	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2060505	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1934460	20.000	ng	0.00
86) Perylene-d12	23.833	264	1965342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1131696	56.426	ng	0.00
7) Phenol-d6	7.069	99	850959	28.695	ng	0.00
23) Nitrobenzene-d5	9.075	82	2262705	77.768	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1271986	194.729	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5296981	86.348	ng	0.00
79) Terphenyl-d14	19.863	244	7969491	94.727	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.840	139	14	3.332	ng	# 1
32) Benzoic acid	10.028	122	27	6.759	ng	# 1
54) 2,4-Dinitrophenol	14.663	184	4	6.727	ng	# 1
57) 2,4-Dinitrotoluene	14.939	165	363	2.555	ng	# 63
62) 4-Nitroaniline	15.616	138	46	2.388	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.680	198	18	5.622	ng	# 1
70) Pentachlorophenol	16.980	266	260	4.403	ng	# 40
80) Butylbenzylphthalate	20.533	149	988	2.698	ng	# 95

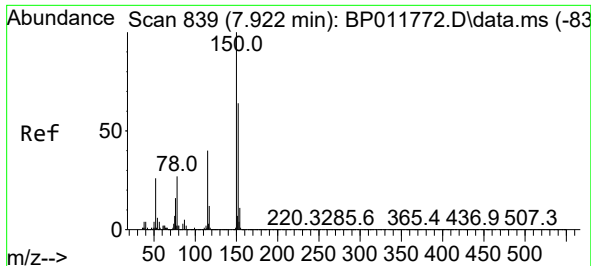
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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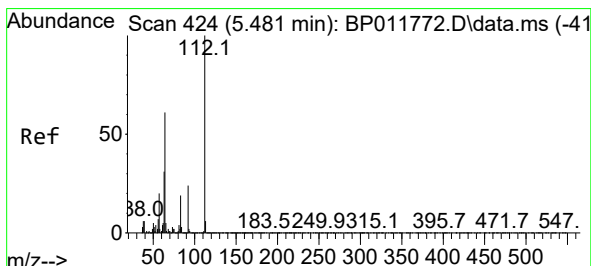
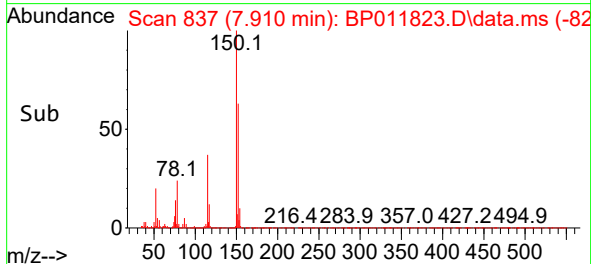
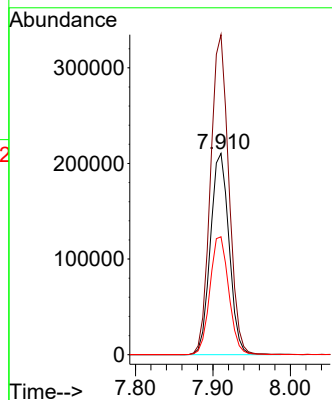
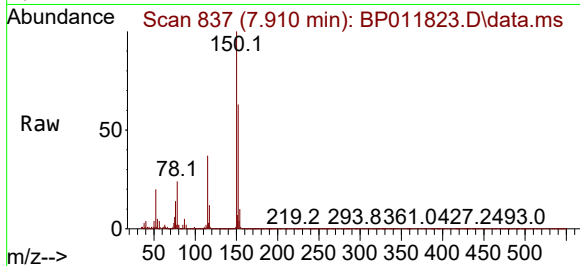




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

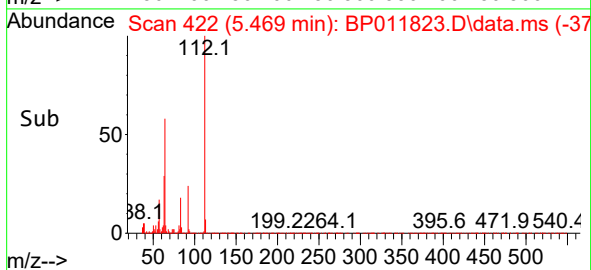
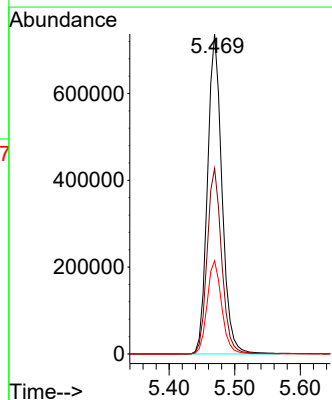
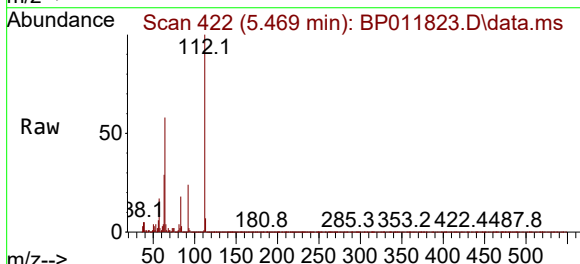
Instrument :
BNA_P
ClientSampleId :
5592-2

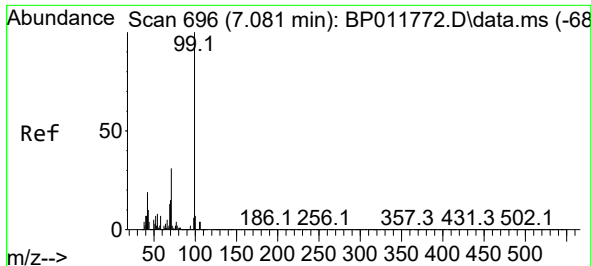
Tgt Ion:152 Resp: 351907
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.4
115 58.6 50.0 75.0



#5
2-Fluorophenol
Concen: 56.426 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

Tgt Ion:112 Resp: 1131696
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 29.1 25.2 37.8

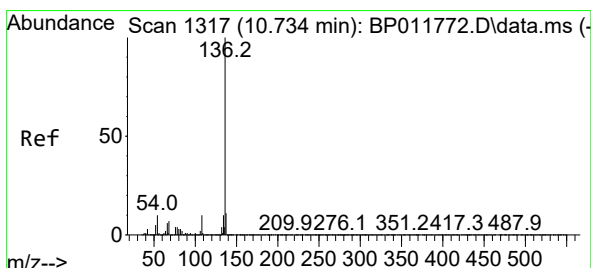
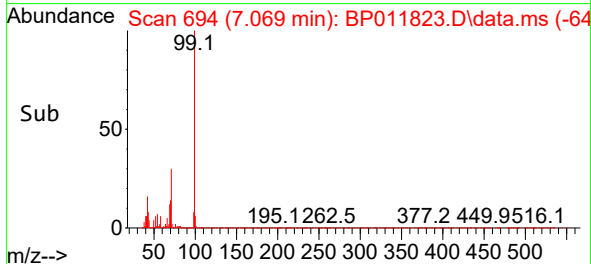
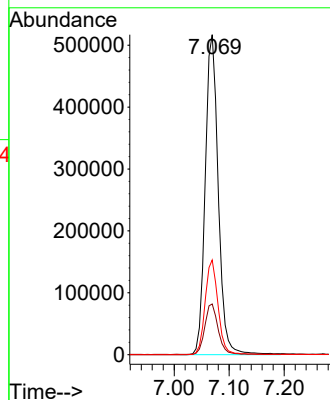
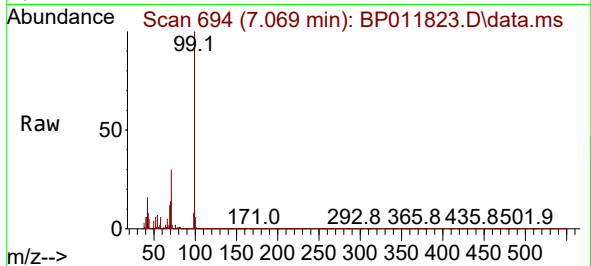




#7
Phenol-d6
Concen: 28.695 ng
RT: 7.069 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

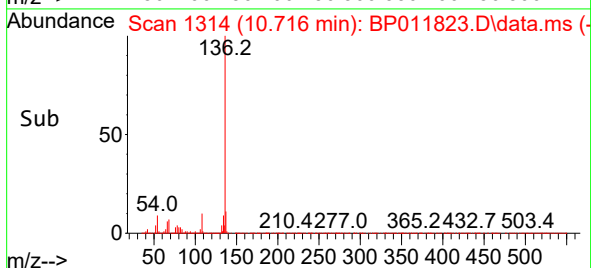
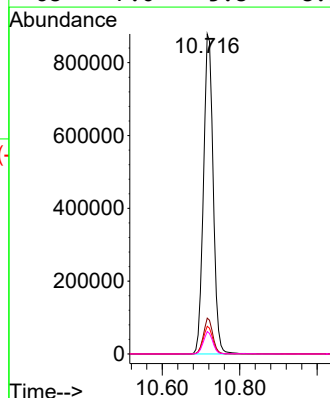
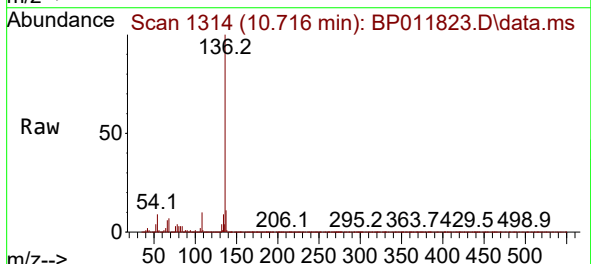
Instrument :
BNA_P
ClientSampleId :
5592-2

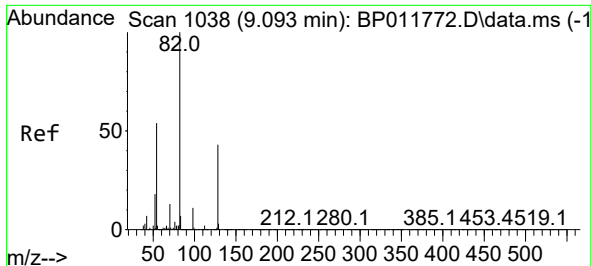
Tgt Ion: 99 Resp: 850959
Ion Ratio Lower Upper
99 100
42 15.9 15.4 23.2
71 29.6 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

Tgt Ion: 136 Resp: 1522881
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.7 8.2 12.4
68 7.0 5.8 8.8

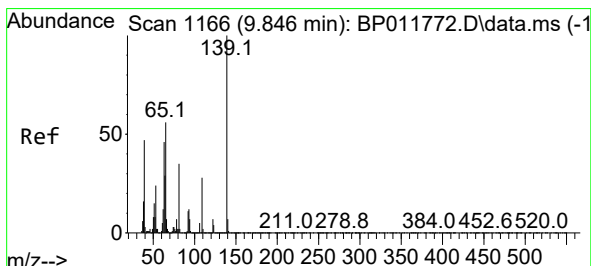
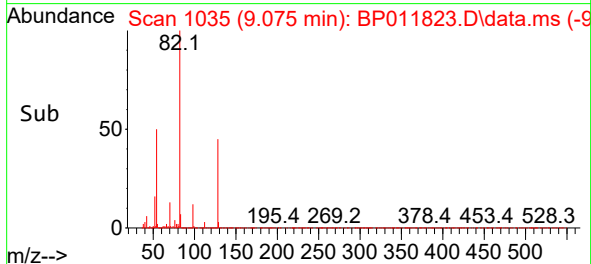
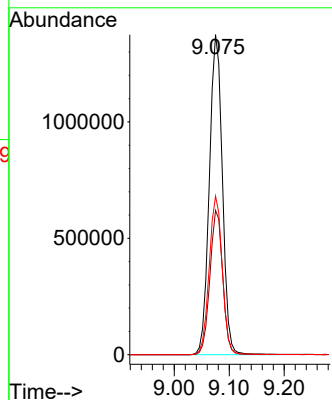
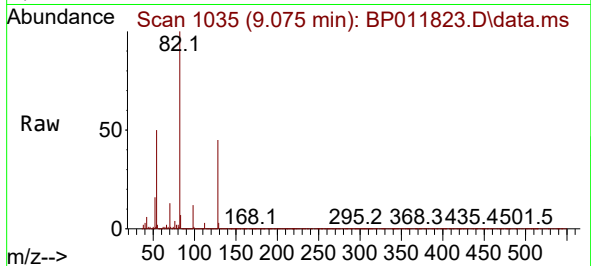




#23
Nitrobenzene-d5
Concen: 77.768 ng
RT: 9.075 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

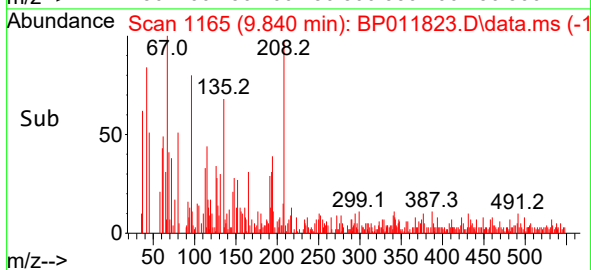
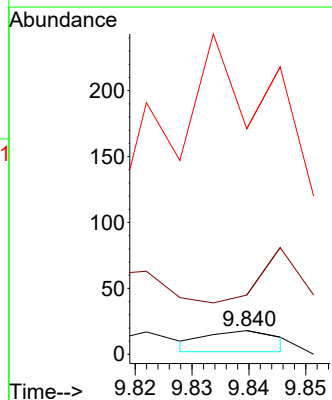
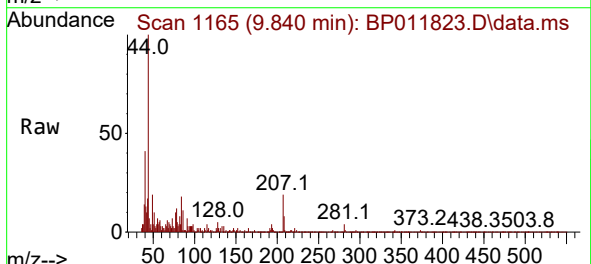
Instrument :
BNA_P
ClientSampleId :
5592-2

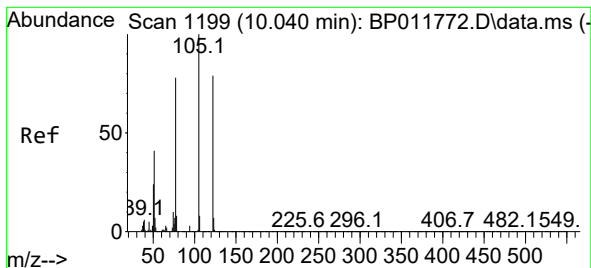
Tgt Ion: 82 Resp: 2262705
Ion Ratio Lower Upper
82 100
128 45.1 34.2 51.4
54 49.5 43.1 64.7



#26
2-Nitrophenol
Concen: 3.332 ng
RT: 9.840 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 250.0 22.6 34.0#
65 950.0 44.7 67.1#

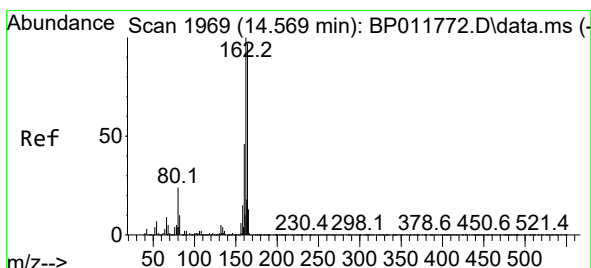
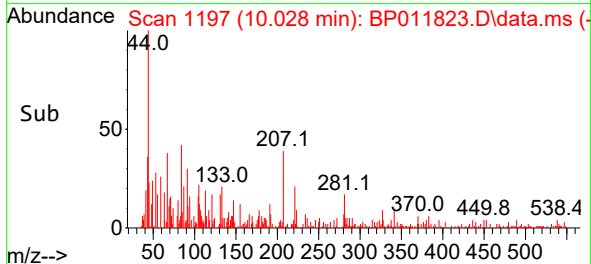
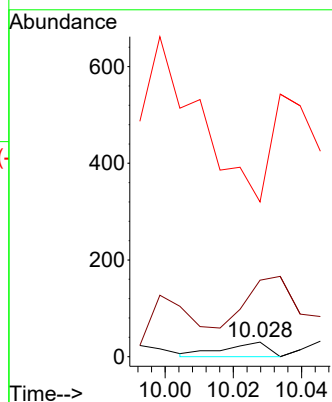
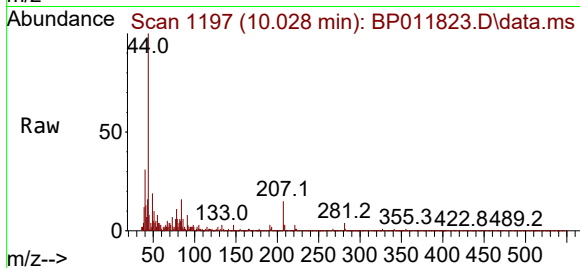




#32
Benzoic acid
Concen: 6.759 ng
RT: 10.028 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

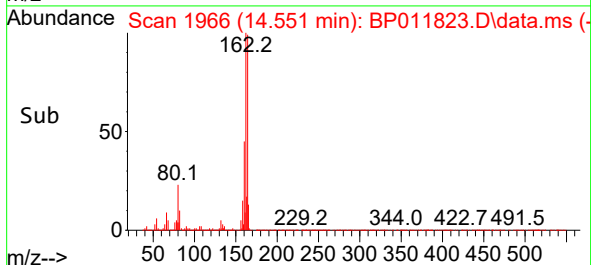
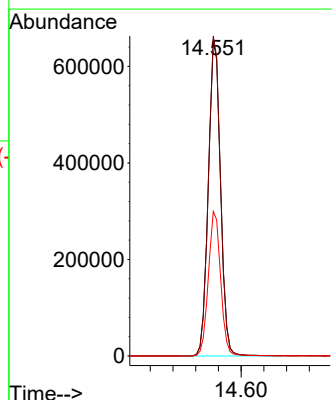
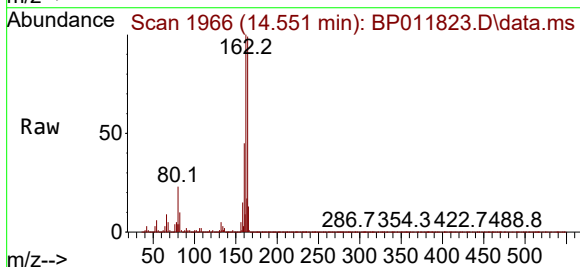
Instrument :
BNA_P
ClientSampleId :
5592-2

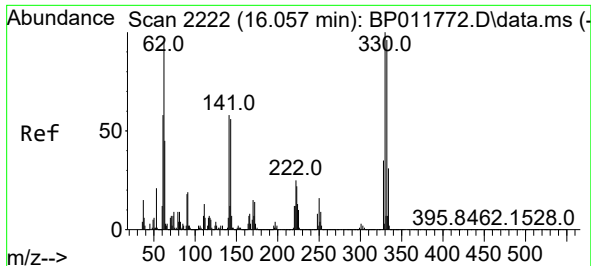
Tgt Ion:122 Resp: 27
Ion Ratio Lower Upper
122 100
105 673.3 101.0 141.0#
77 1066.7 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

Tgt Ion:164 Resp: 970093
Ion Ratio Lower Upper
164 100
162 101.5 82.5 123.7
160 45.8 37.8 56.6

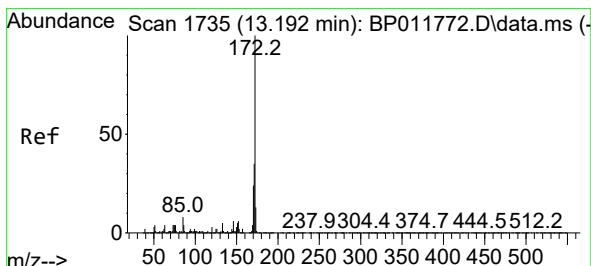
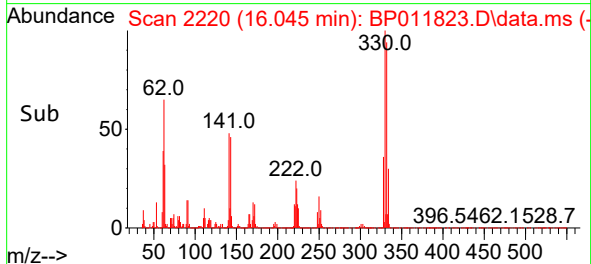
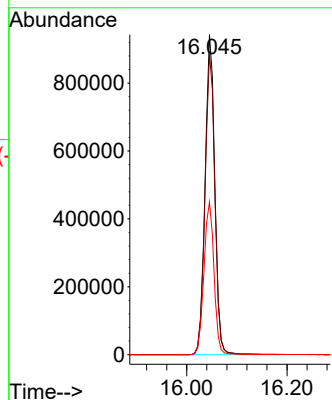
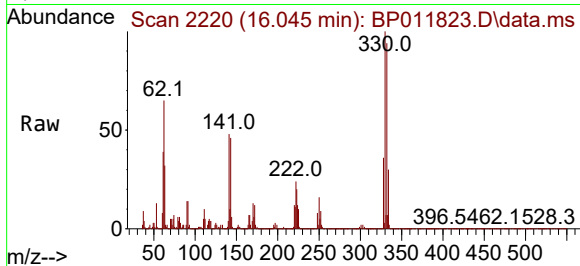




#42
2,4,6-Tribromophenol
Concen: 194.729 ng
RT: 16.045 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

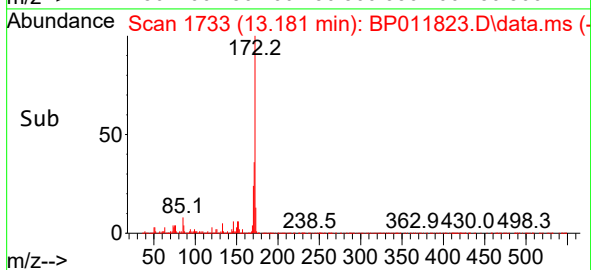
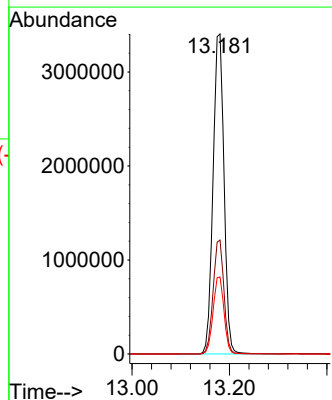
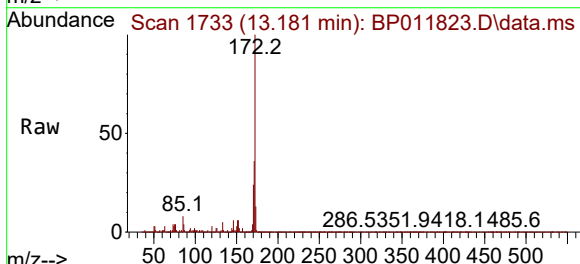
Instrument :
BNA_P
ClientSampleId :
5592-2

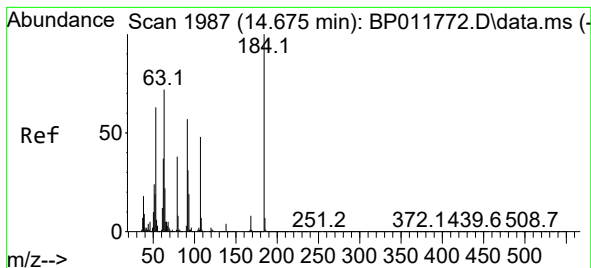
Tgt Ion:330 Resp: 1271986
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 49.5 48.7 73.1



#45
2-Fluorobiphenyl
Concen: 86.348 ng
RT: 13.181 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

Tgt Ion:172 Resp: 5296981
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.1 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.727 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BP011823.D

Acq: 27 Sep 2022 19:30

Instrument :

BNA_P

ClientSampleId :

5592-2

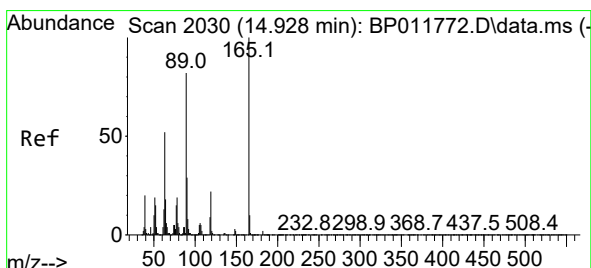
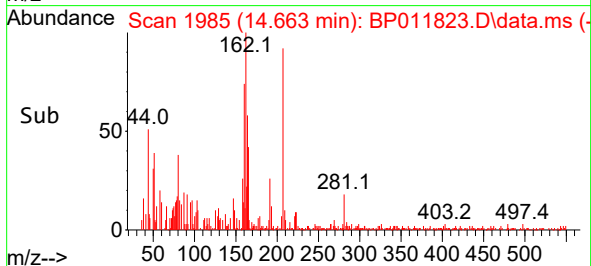
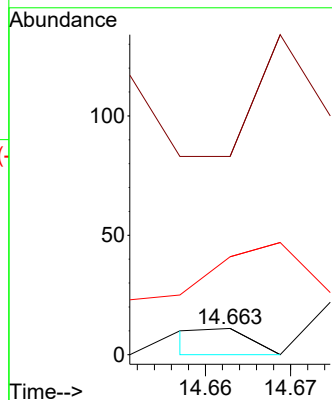
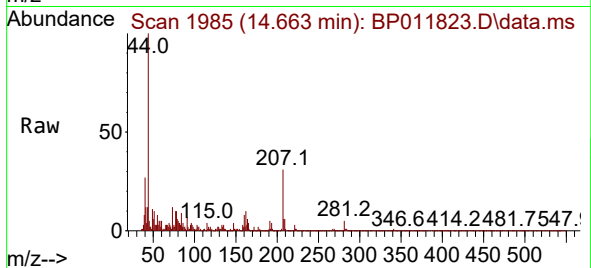
Tgt Ion:184 Resp: 4

Ion Ratio Lower Upper

184 100

63 377.3 65.7 98.5#

154 186.4 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.555 ng

RT: 14.939 min Scan# 2032

Delta R.T. 0.023 min

Lab File: BP011823.D

Acq: 27 Sep 2022 19:30

Tgt Ion:165 Resp: 363

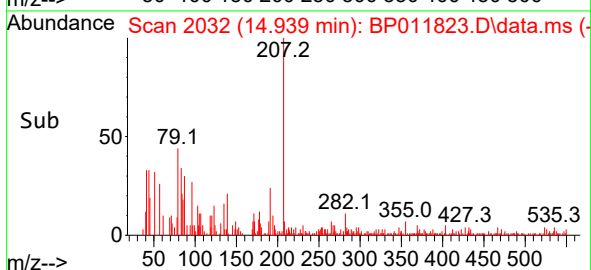
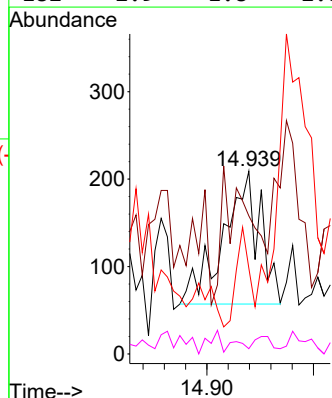
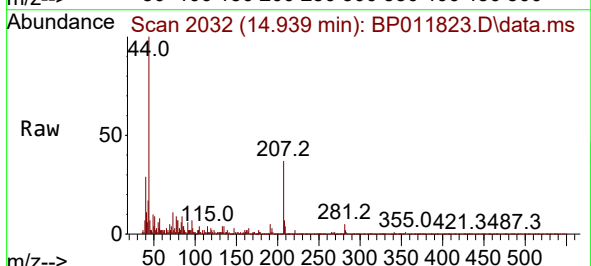
Ion Ratio Lower Upper

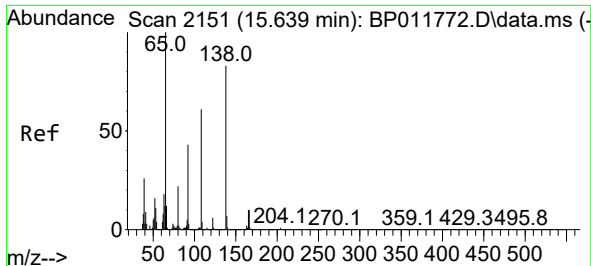
165 100

63 75.6 41.4 62.2#

89 46.9 66.0 99.0#

182 2.9 1.8 2.8#

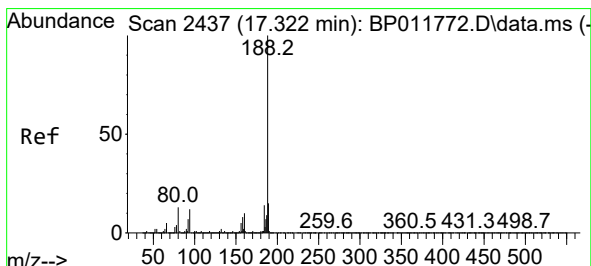
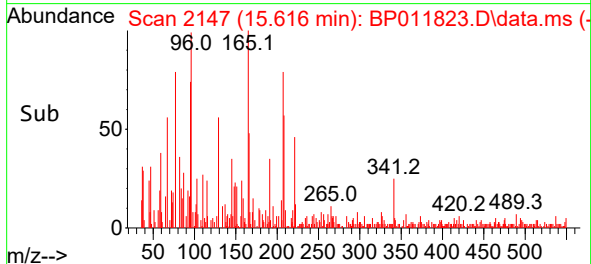
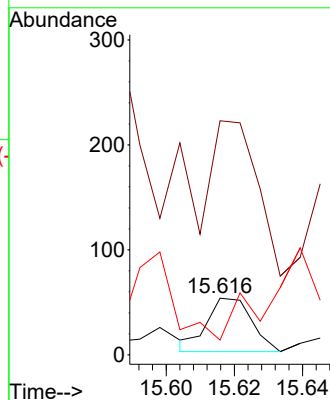
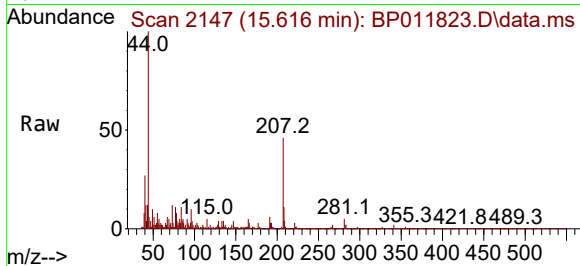




#62
4-Nitroaniline
Concen: 2.388 ng
RT: 15.616 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

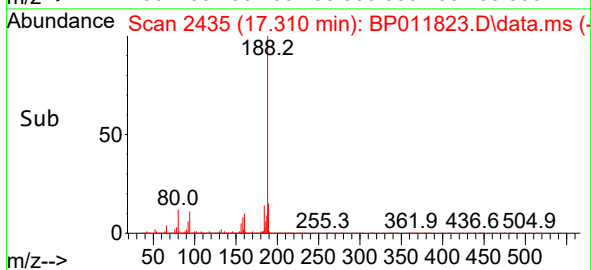
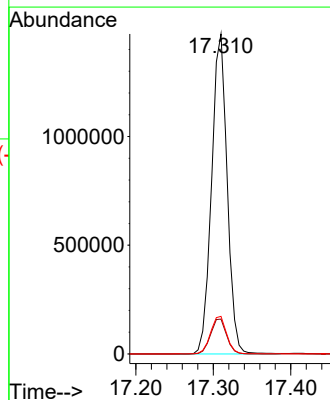
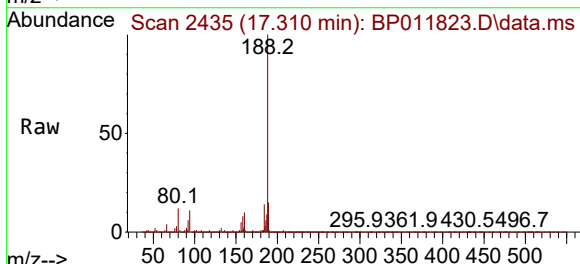
Instrument :
BNA_P
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5592-2

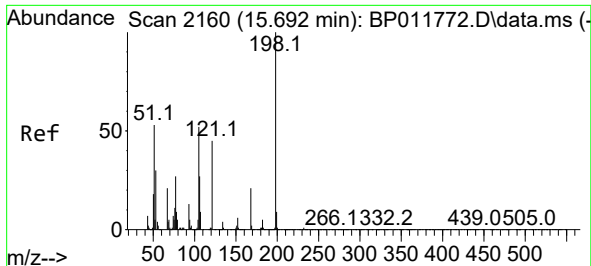
Tgt Ion:138 Resp: 46
Ion Ratio Lower Upper
138 100
92 413.0 31.9 71.9#
108 25.9 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

Tgt Ion:188 Resp: 2060505
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.0
80 11.7 10.6 15.8

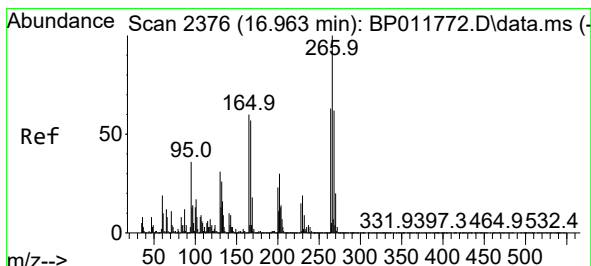
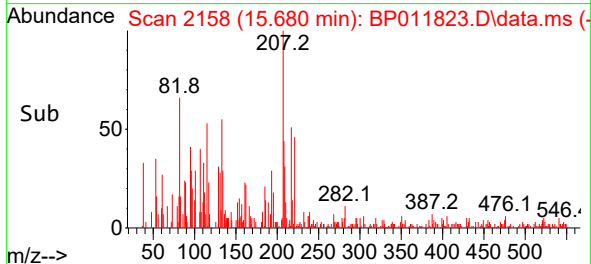
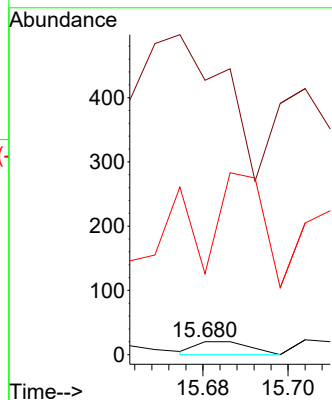
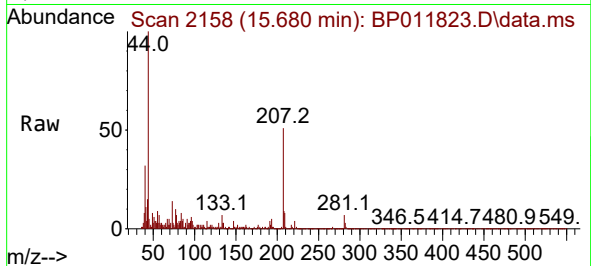




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.680 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

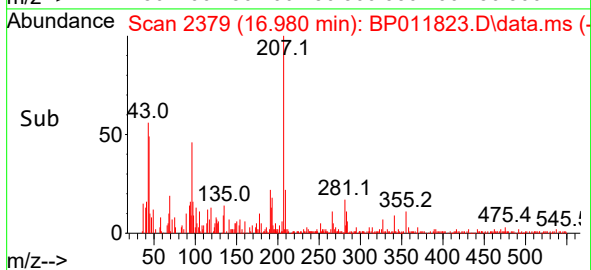
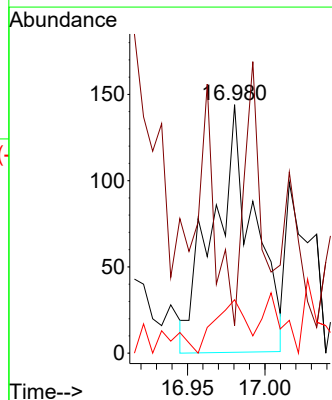
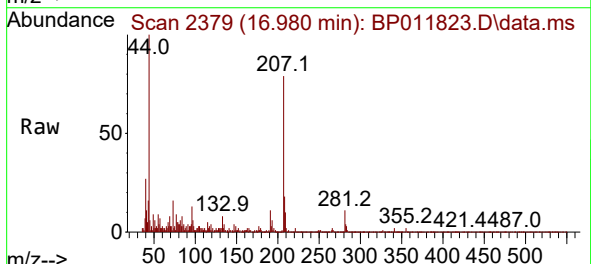
Instrument :
BNA_P
ClientSampleId :
5592-2

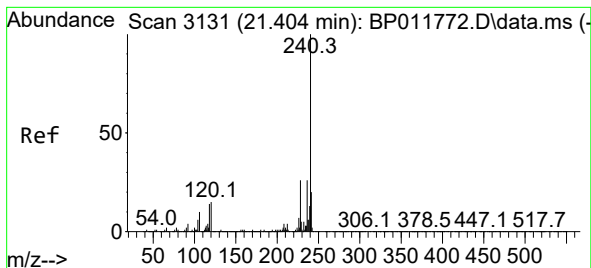
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 2135.0 41.6 81.6#
105 630.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.403 ng
RT: 16.980 min Scan# 2379
Delta R.T. 0.023 min
Lab File: BP011823.D
Acq: 27 Sep 2022 19:30

Tgt Ion:266 Resp: 260
Ion Ratio Lower Upper
266 100
268 11.1 49.7 74.5#
264 21.5 50.6 75.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP011823.D

Acq: 27 Sep 2022 19:30

Instrument :

BNA_P

ClientSampleId :

5592-2

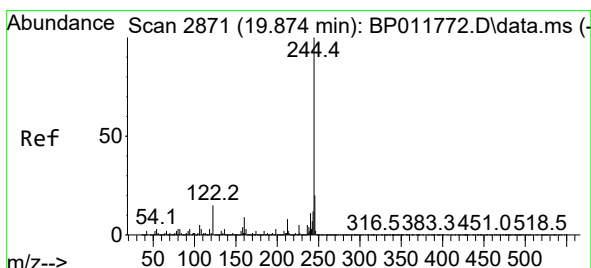
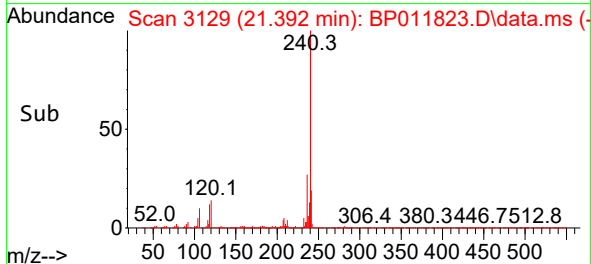
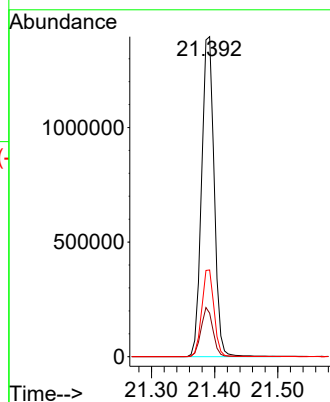
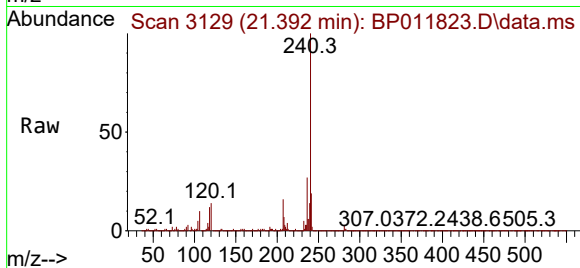
Tgt Ion:240 Resp: 1934460

Ion Ratio Lower Upper

240 100

120 13.6 12.0 18.0

236 27.1 21.1 31.7



#79

Terphenyl-d14

Concen: 94.727 ng

RT: 19.863 min Scan# 2869

Delta R.T. -0.006 min

Lab File: BP011823.D

Acq: 27 Sep 2022 19:30

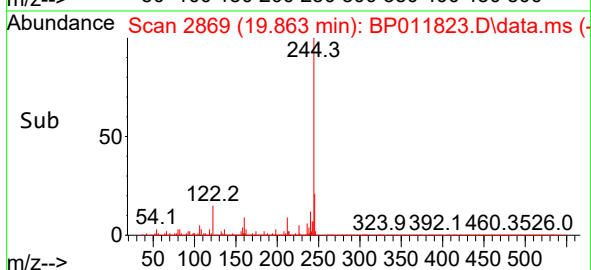
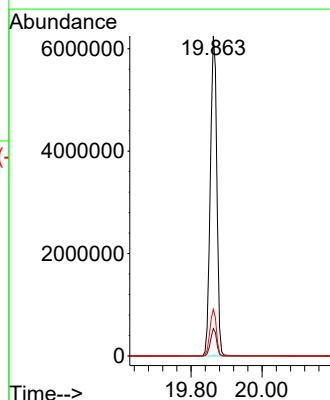
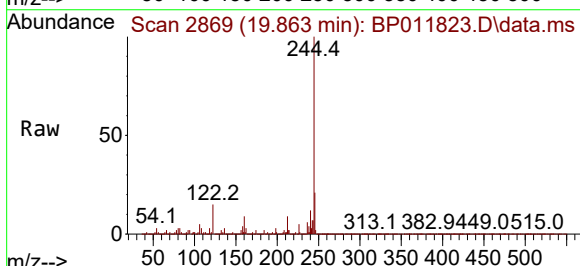
Tgt Ion:244 Resp: 7969491

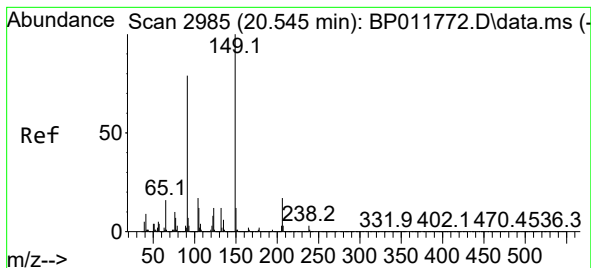
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 14.6 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.698 ng

RT: 20.533 min Scan# 2985

Delta R.T. -0.006 min

Lab File: BP011823.D

Acq: 27 Sep 2022 19:30

Instrument :

BNA_P

ClientSampleId :

5592-2

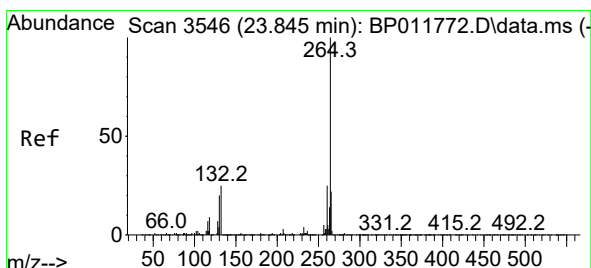
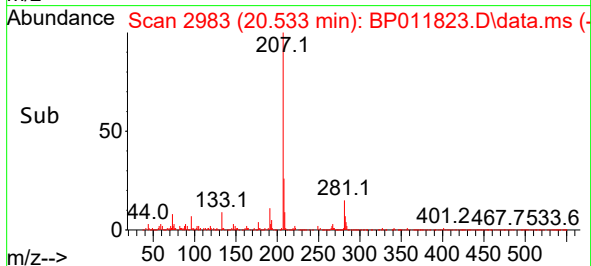
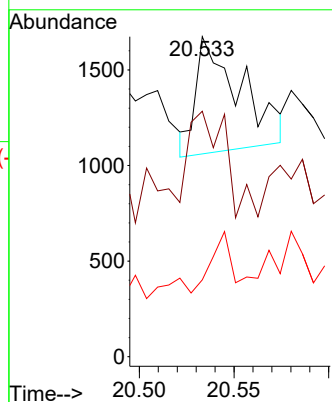
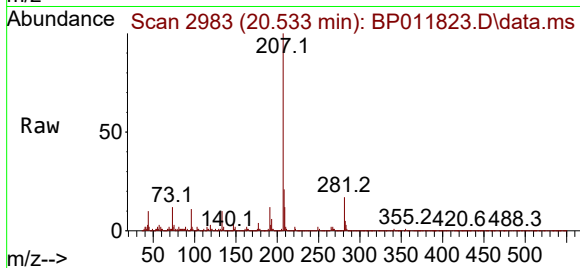
Tgt Ion:149 Resp: 988

Ion Ratio Lower Upper

149 100

91 76.7 63.1 94.7

206 24.0 13.6 20.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 3544

Delta R.T. -0.006 min

Lab File: BP011823.D

Acq: 27 Sep 2022 19:30

Tgt Ion:264 Resp: 1965342

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 21.9 17.8 26.8

