

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011822.D
 Acq On : 27 Sep 2022 18:55
 Operator : CG/JU
 Sample : N4839-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5592-1

Quant Time: Sep 28 02:09:32 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)

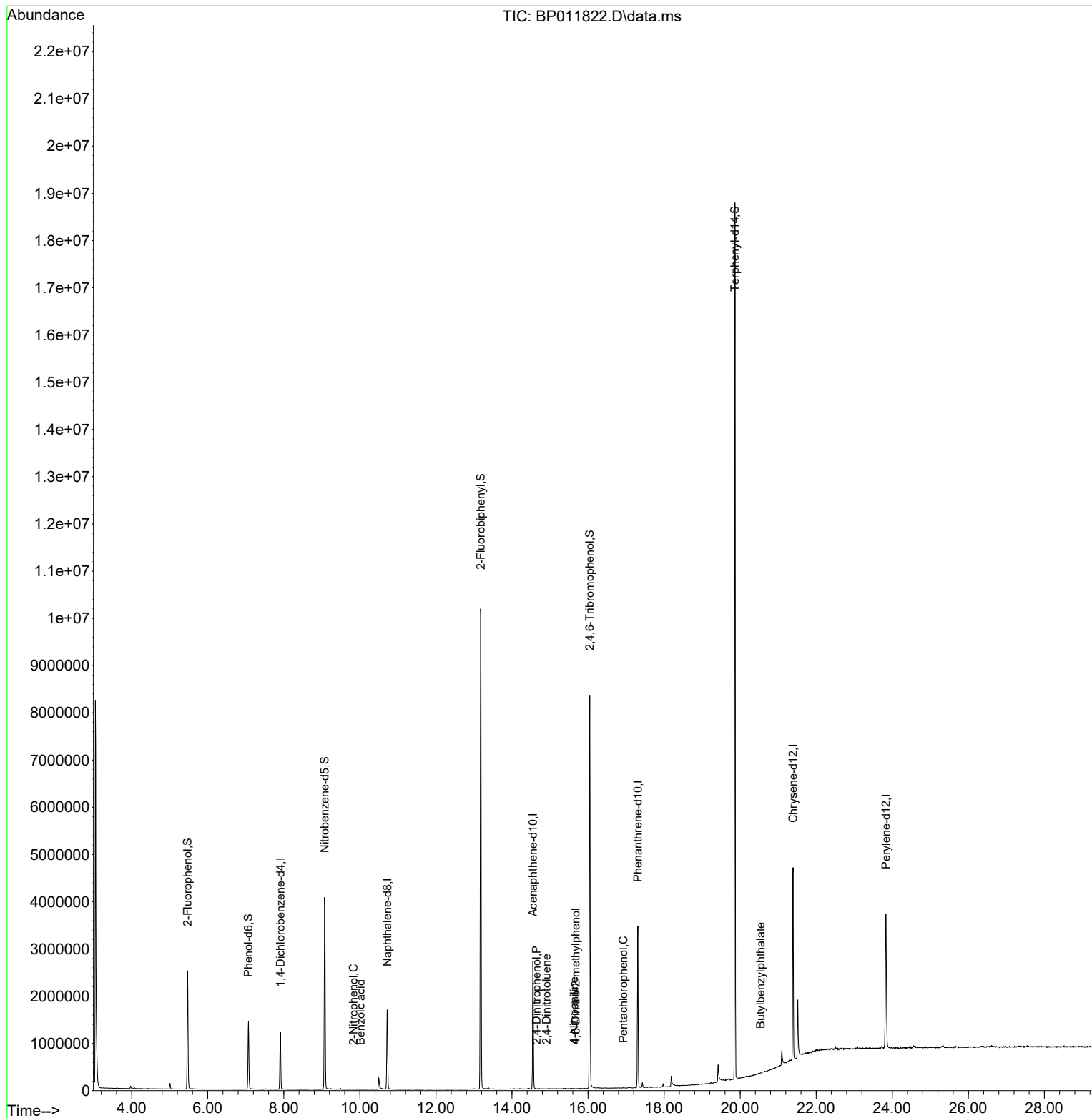
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	345399	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1465659	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	921348	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1956358	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1876564	20.000	ng	0.00
86) Perylene-d12	23.833	264	1933047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1176470	59.764	ng	0.00
7) Phenol-d6	7.069	99	881983	30.302	ng	0.00
23) Nitrobenzene-d5	9.075	82	2374419	84.794	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1222846	197.110	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5338017	91.621	ng	0.00
79) Terphenyl-d14	19.863	244	8158423	99.964	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.834	139	76	3.337	ng	# 1
32) Benzoic acid	10.022	122	47	6.760	ng	# 1
54) 2,4-Dinitrophenol	14.645	184	16	6.728	ng	# 1
57) 2,4-Dinitrotoluene	14.910	165	140	2.545	ng	# 63
62) 4-Nitroaniline	15.634	138	22	2.387	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.675	198	17	5.622	ng	# 1
70) Pentachlorophenol	16.928	266	905	4.454	ng	# 32
80) Butylbenzylphthalate	20.539	149	1016	2.699	ng	# 82

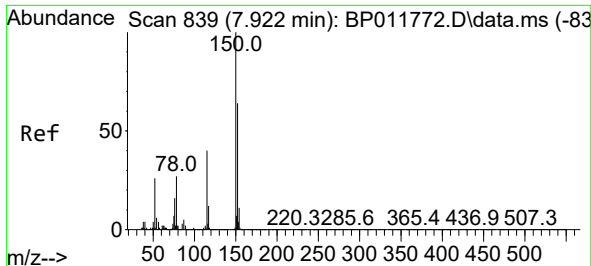
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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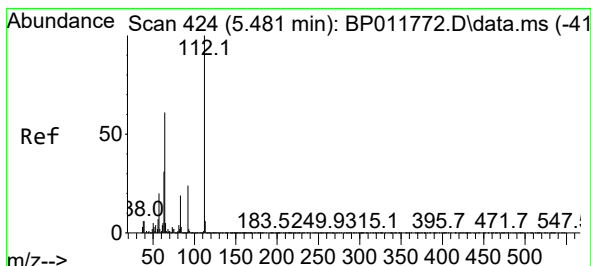
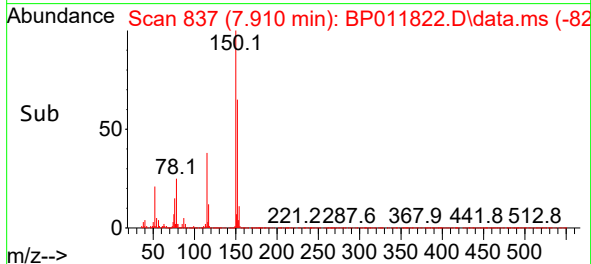
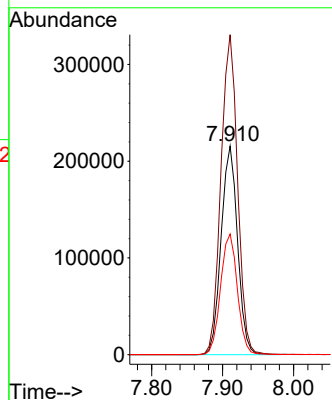
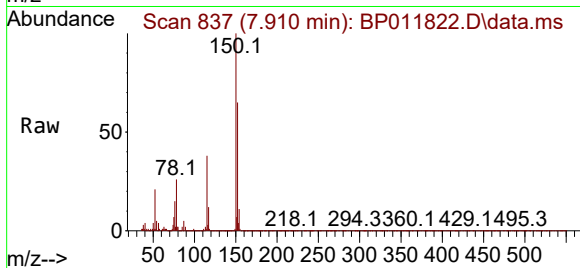




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

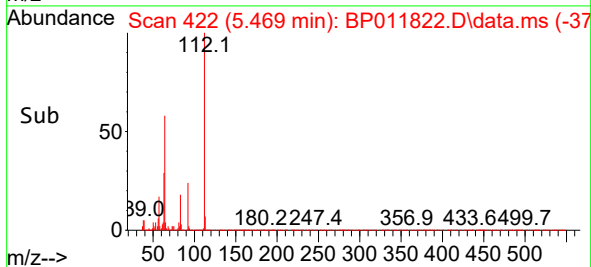
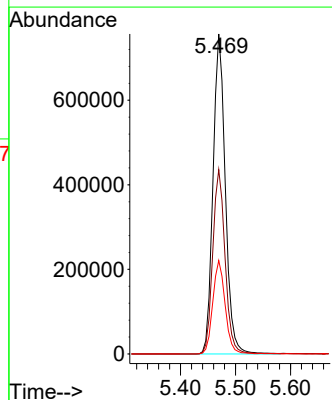
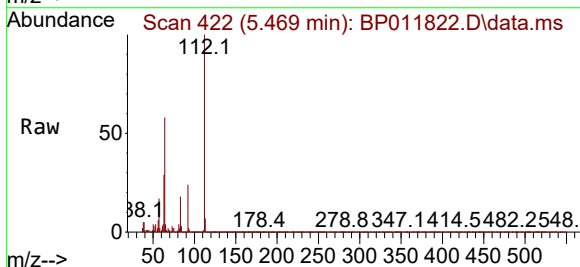
Instrument :
BNA_P
ClientSampleId :
5592-1

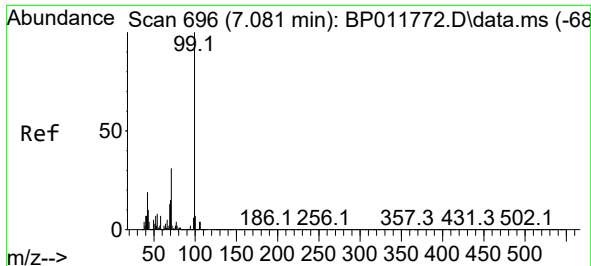
Tgt Ion:152 Resp: 345399
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.4
115 57.8 50.0 75.0



#5
2-Fluorophenol
Concen: 59.764 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

Tgt Ion:112 Resp: 1176470
Ion Ratio Lower Upper
112 100
64 57.6 49.2 73.8
63 29.2 25.2 37.8

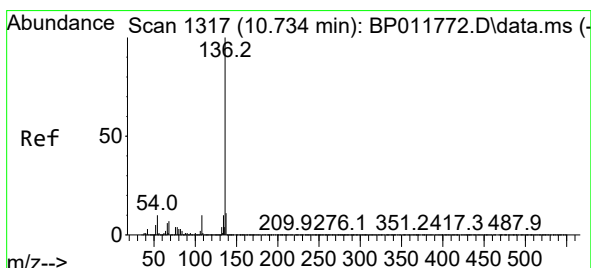
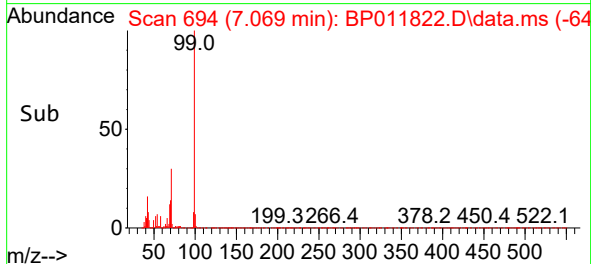
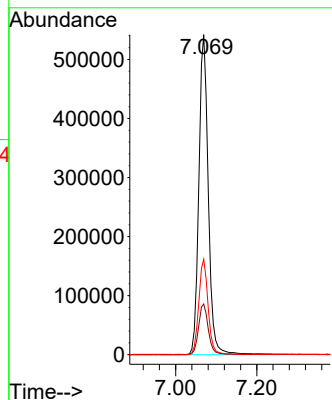
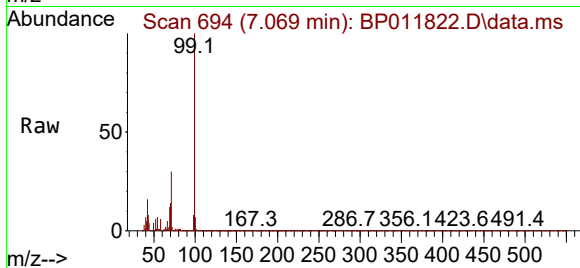




#7
Phenol-d6
Concen: 30.302 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

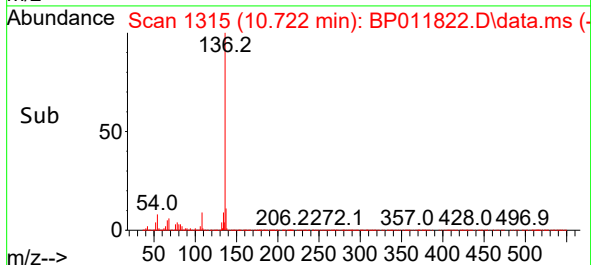
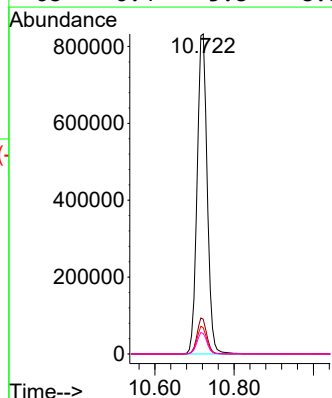
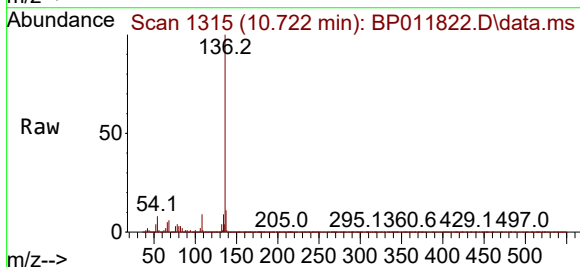
Instrument :
BNA_P
ClientSampleId :
5592-1

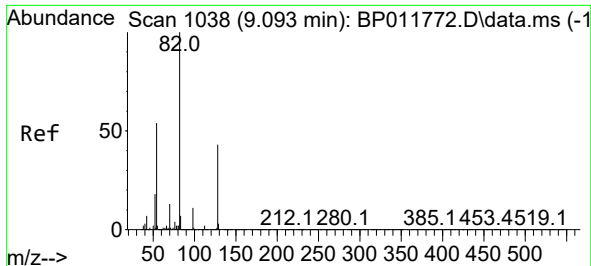
Tgt Ion: 99 Resp: 881983
Ion Ratio Lower Upper
99 100
42 15.9 15.4 23.2
71 29.8 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

Tgt Ion:136 Resp: 1465659
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.2 8.2 12.4#
68 6.4 5.8 8.8

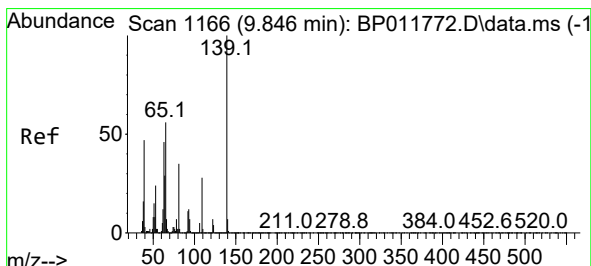
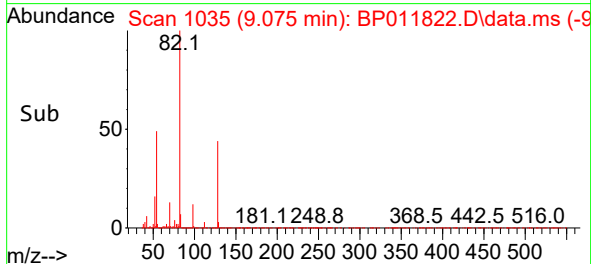
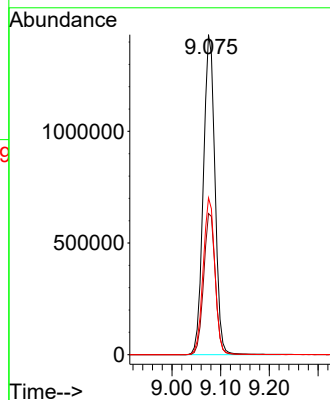
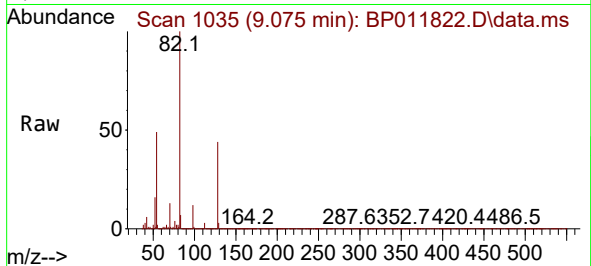




#23
Nitrobenzene-d5
Concen: 84.794 ng
RT: 9.075 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

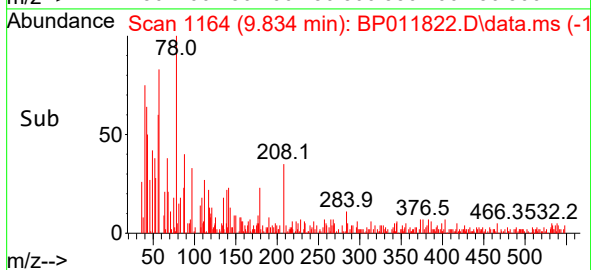
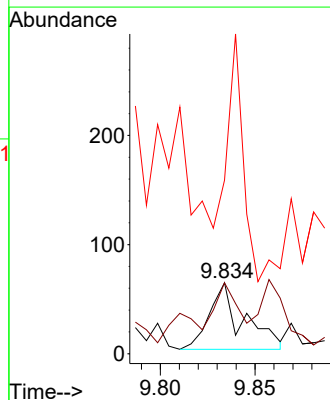
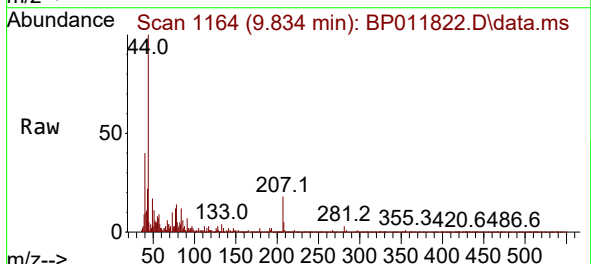
Instrument :
BNA_P
ClientSampleId :
5592-1

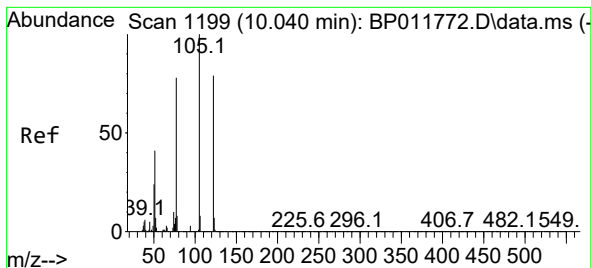
Tgt Ion: 82 Resp: 2374419
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 49.0 43.1 64.7



#26
2-Nitrophenol
Concen: 3.337 ng
RT: 9.834 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

Tgt Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 100.0 22.6 34.0#
65 244.6 44.7 67.1#

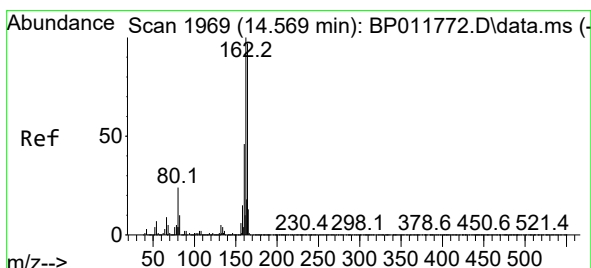
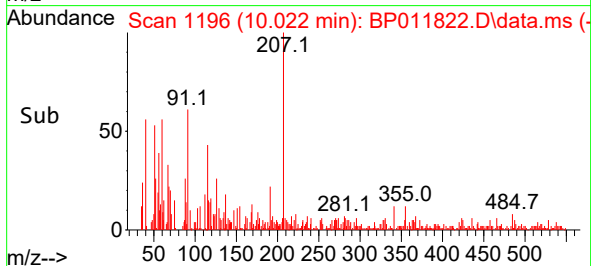
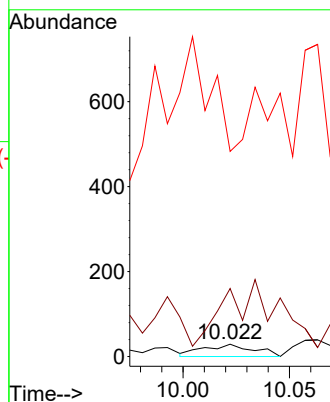
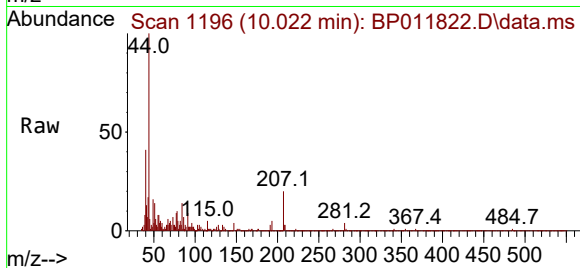




#32
Benzoic acid
Concen: 6.760 ng
RT: 10.022 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

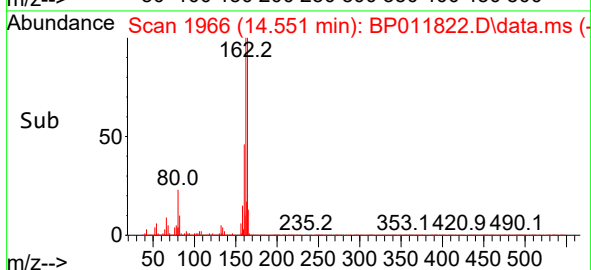
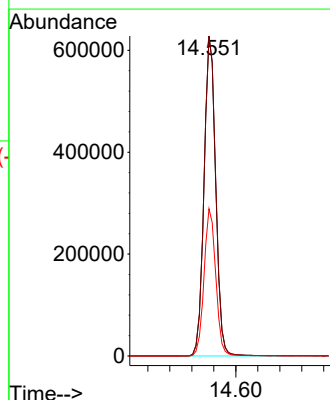
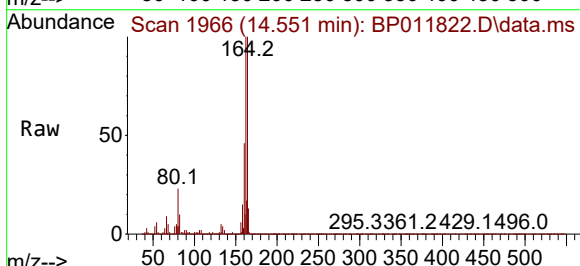
Instrument :
BNA_P
ClientSampleId :
5592-1

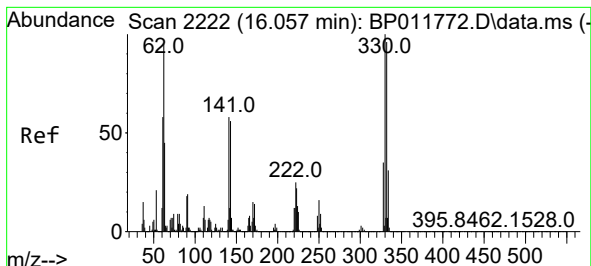
Tgt Ion:122 Resp: 47
Ion Ratio Lower Upper
122 100
105 551.7 101.0 141.0#
77 1665.5 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

Tgt Ion:164 Resp: 921348
Ion Ratio Lower Upper
164 100
162 100.1 82.5 123.7
160 46.0 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 197.110 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011822.D

Acq: 27 Sep 2022 18:55

Instrument :

BNA_P

ClientSampleId :

5592-1

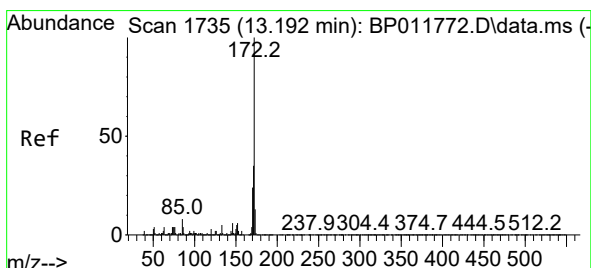
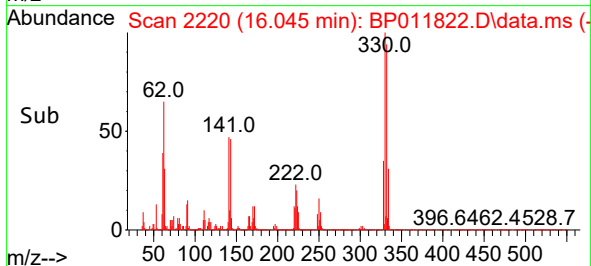
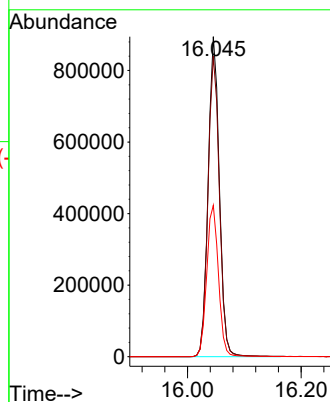
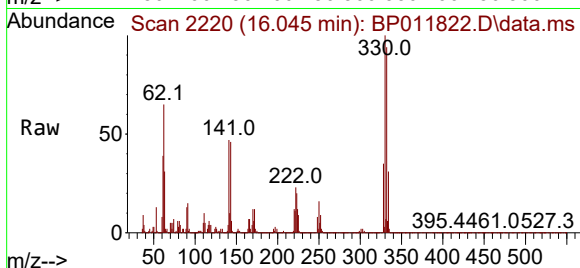
Tgt Ion:330 Resp: 1222846

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

141 49.5 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 91.621 ng

RT: 13.181 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP011822.D

Acq: 27 Sep 2022 18:55

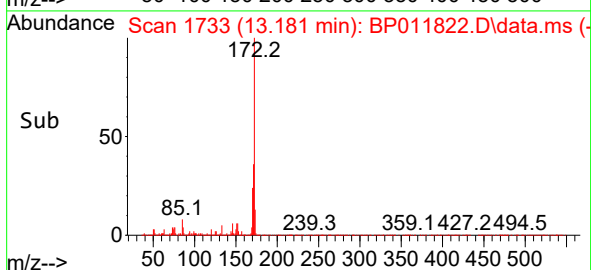
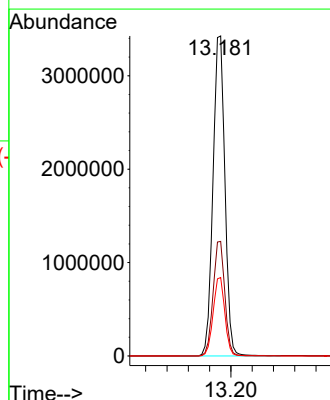
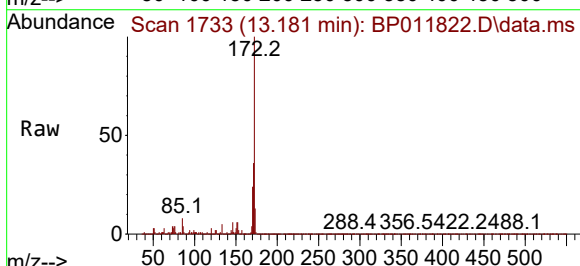
Tgt Ion:172 Resp: 5338017

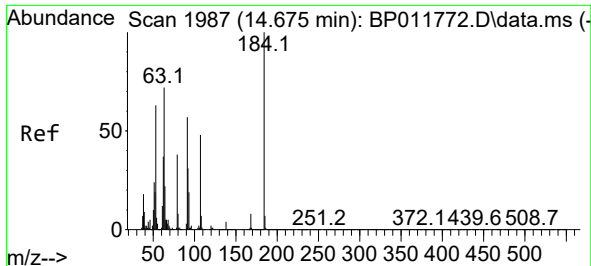
Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 24.5 19.5 29.3

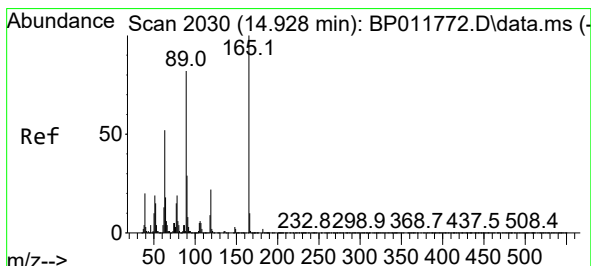
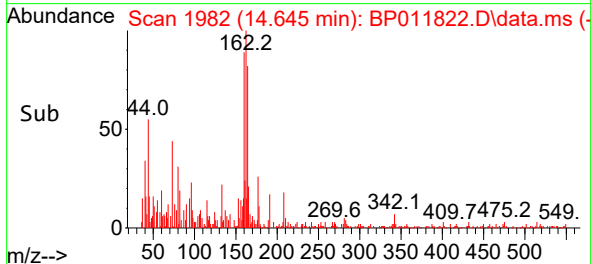
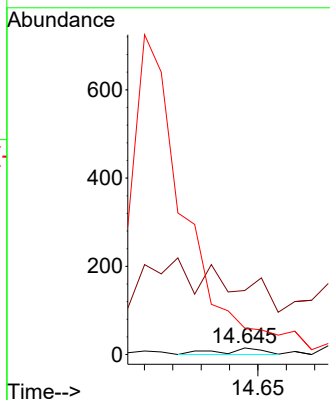
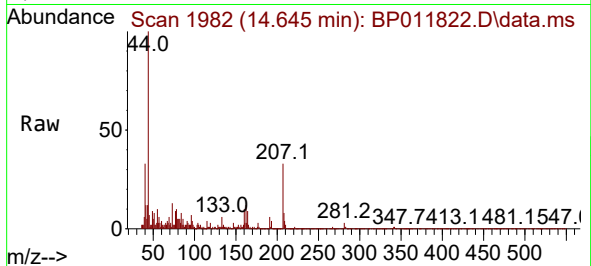




#54
2,4-Dinitrophenol
Concen: 6.728 ng
RT: 14.645 min Scan# 1987
Delta R.T. -0.018 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

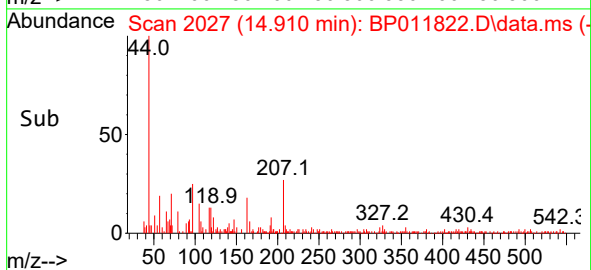
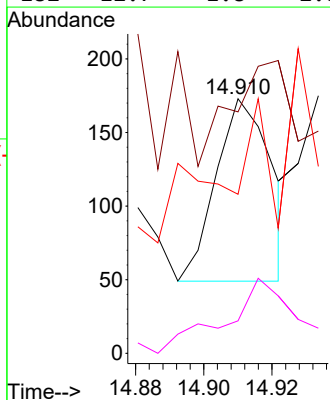
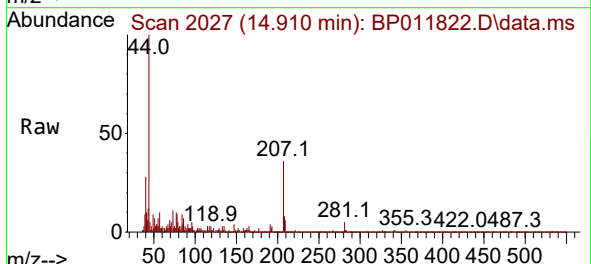
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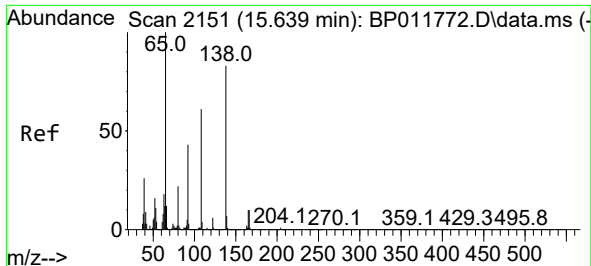
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 966.7 65.7 98.5#
154 400.0 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.545 ng
RT: 14.910 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

Tgt Ion:165 Resp: 140
Ion Ratio Lower Upper
165 100
63 94.8 41.4 62.2#
89 62.4 66.0 99.0#
182 12.7 1.8 2.8#

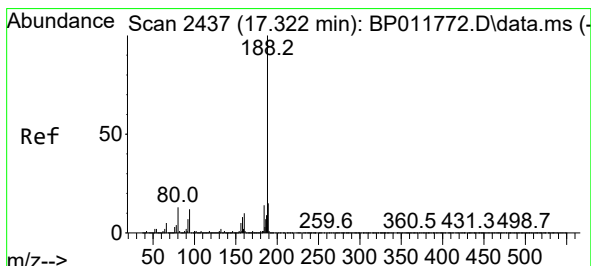
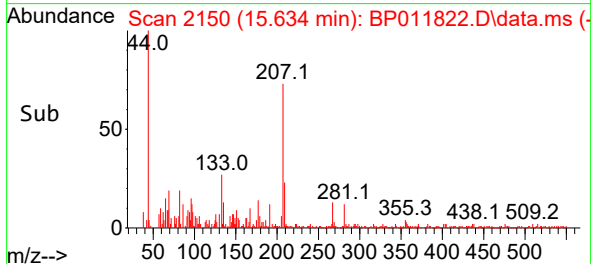
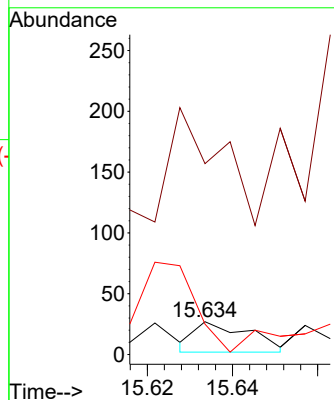
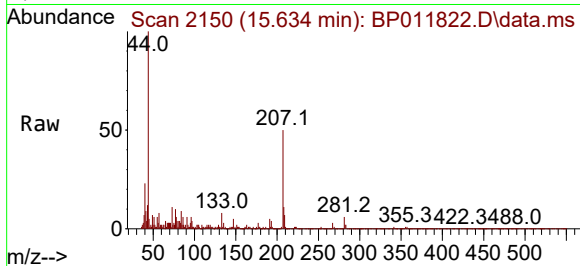




#62
4-Nitroaniline
Concen: 2.387 ng
RT: 15.634 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

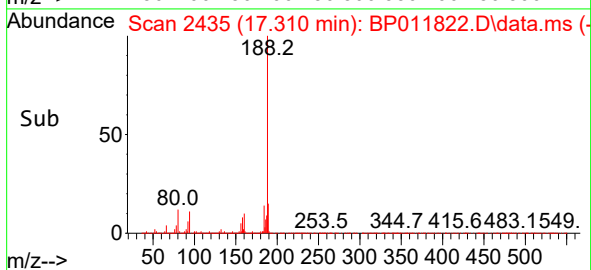
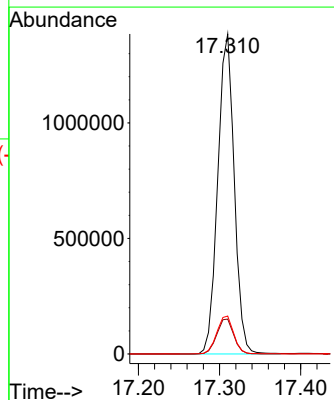
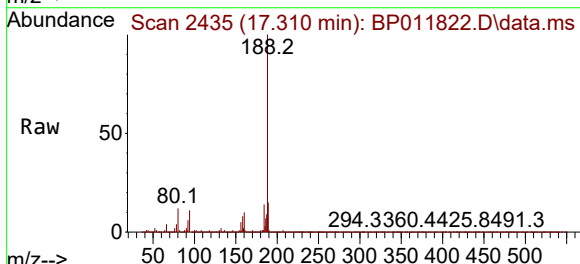
Instrument :
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5592-1

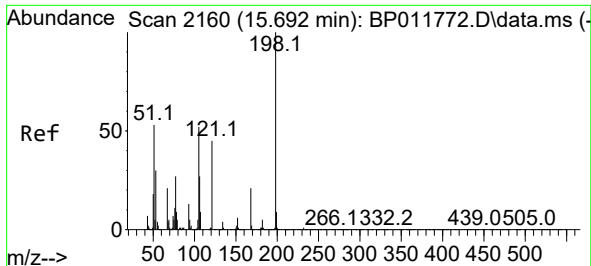
Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
92 581.5 31.9 71.9#
108 92.6 53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

Tgt Ion:188 Resp: 1956358
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.0
80 11.9 10.6 15.8

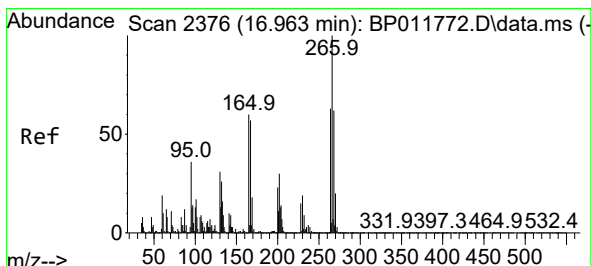
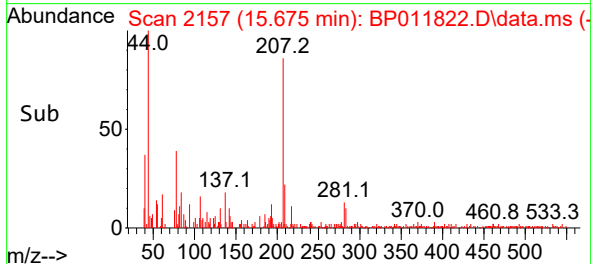
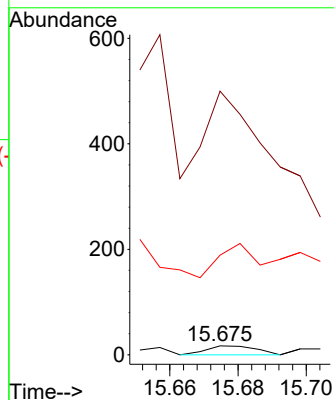
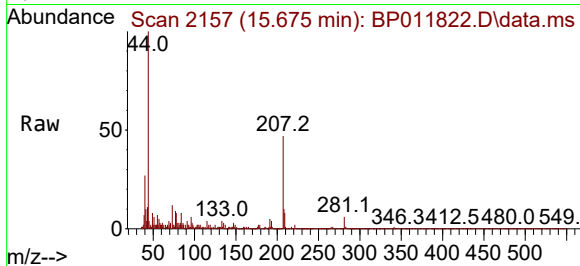




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.675 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

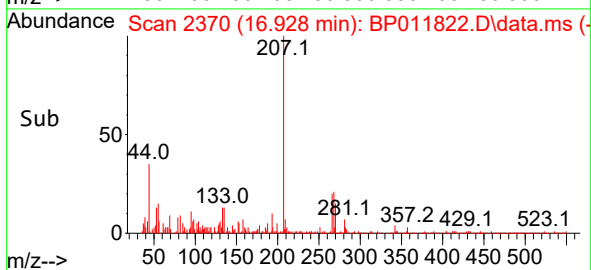
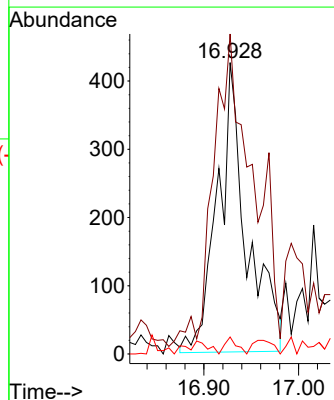
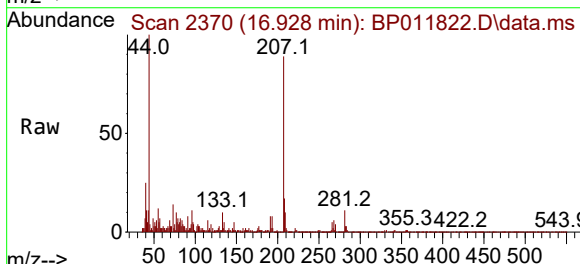
Instrument :
BNA_P
ClientSampleId :
5592-1

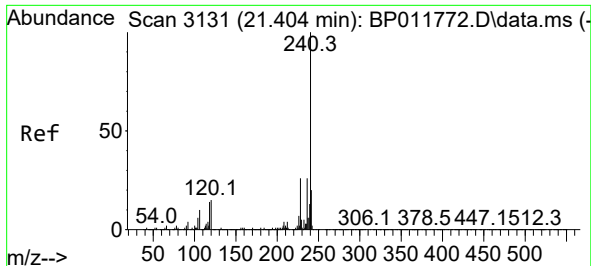
Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 2941.2 41.6 81.6#
105 1111.8 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.454 ng
RT: 16.928 min Scan# 2370
Delta R.T. -0.029 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

Tgt Ion:266 Resp: 905
Ion Ratio Lower Upper
266 100
268 109.8 49.7 74.5#
264 5.9 50.6 75.8#

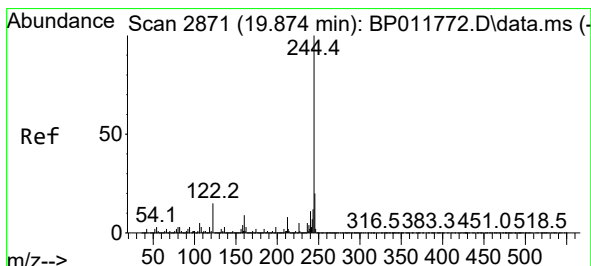
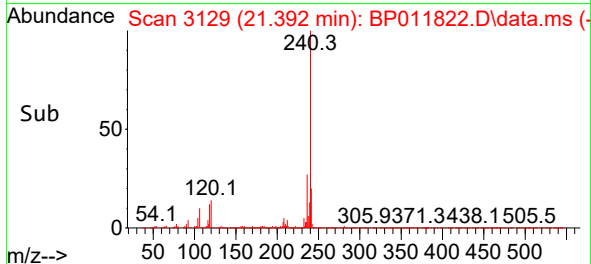
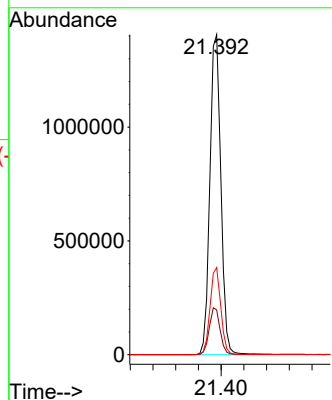
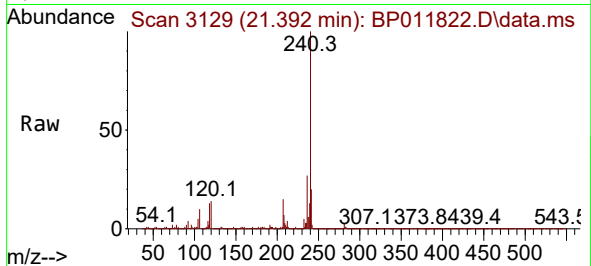




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

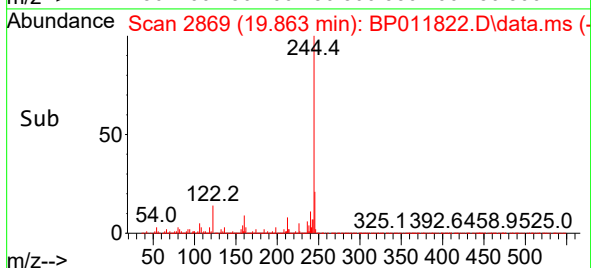
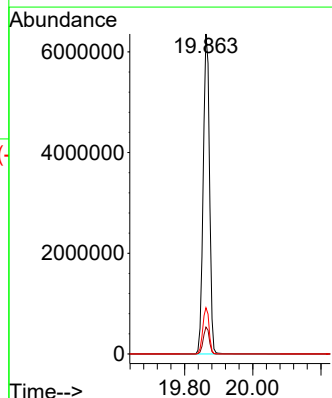
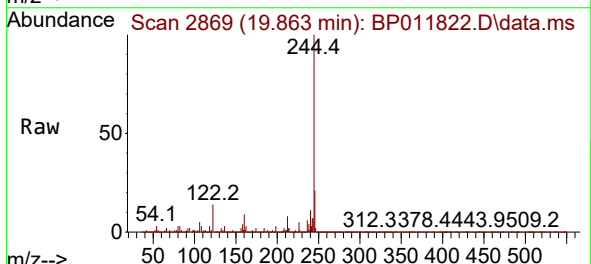
Instrument :
BNA_P
ClientSampleId :
5592-1

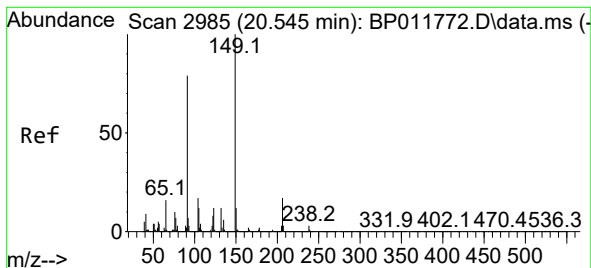
Tgt Ion:240 Resp: 1876564
Ion Ratio Lower Upper
240 100
120 14.0 12.0 18.0
236 27.2 21.1 31.7



#79
Terphenyl-d14
Concen: 99.964 ng
RT: 19.863 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP011822.D
Acq: 27 Sep 2022 18:55

Tgt Ion:244 Resp: 8158423
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 14.4 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.699 ng

RT: 20.539 min Scan# 2985

Delta R.T. -0.000 min

Lab File: BP011822.D

Acq: 27 Sep 2022 18:55

Instrument :

BNA_P

ClientSampleId :

5592-1

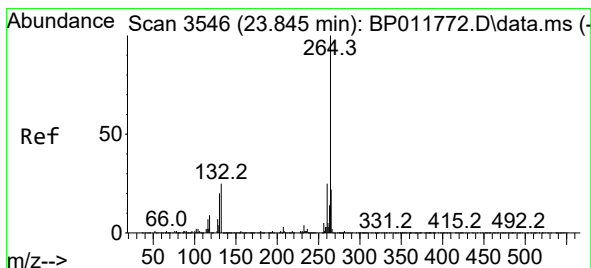
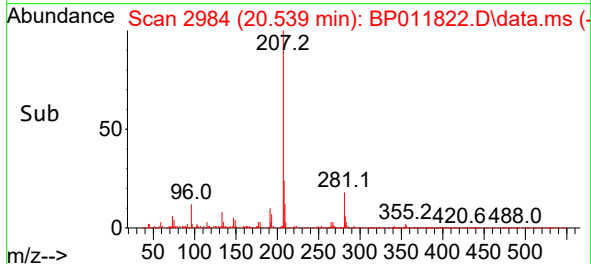
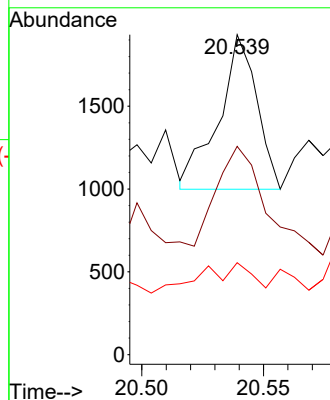
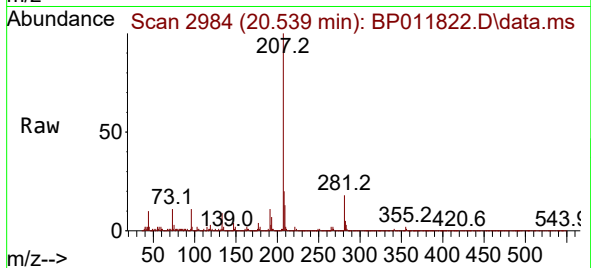
Tgt Ion:149 Resp: 1016

Ion Ratio Lower Upper

149 100

91 65.1 63.1 94.7

206 28.7 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: BP011822.D

Acq: 27 Sep 2022 18:55

Tgt Ion:264 Resp: 1933047

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 22.0 17.8 26.8

