

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011820.D
 Acq On : 27 Sep 2022 17:45
 Operator : CG/JU
 Sample : N4835-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 529317-3

Quant Time: Sep 28 02:09:02 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)

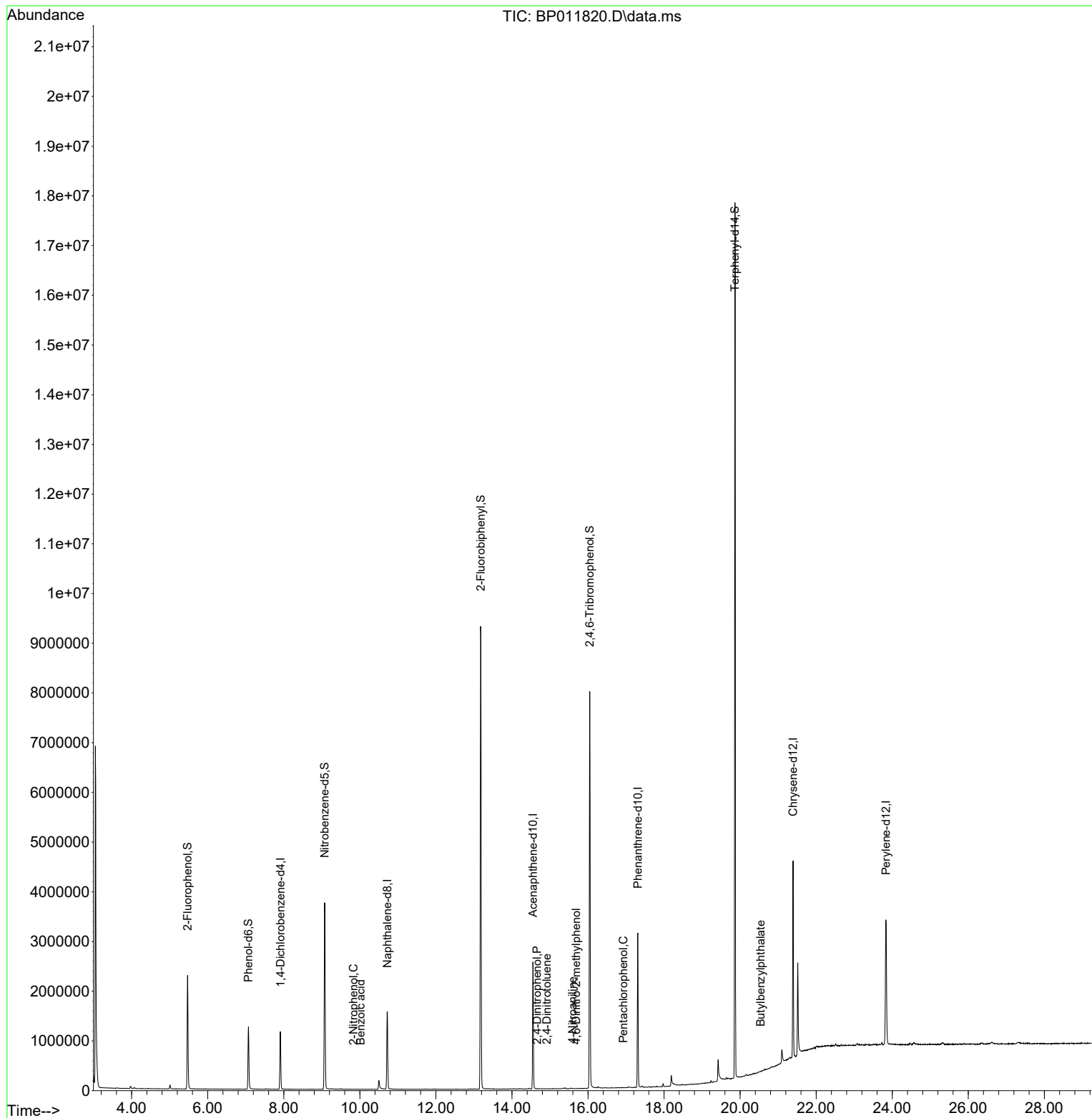
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	321309	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1379504	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	852575	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1834626	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1786250	20.000	ng	0.00
86) Perylene-d12	23.833	264	1850854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	1080314	58.994	ng	0.00
7) Phenol-d6	7.069	99	788589	29.124	ng	0.00
23) Nitrobenzene-d5	9.075	82	2179822	82.706	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1215706	211.766	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4903181	90.946	ng	0.00
79) Terphenyl-d14	19.863	244	7848949	101.035	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.834	139	17	3.333	ng	# 1
32) Benzoic acid	10.022	122	24	6.759	ng	# 1
54) 2,4-Dinitrophenol	14.657	184	25	6.730	ng	# 1
57) 2,4-Dinitrotoluene	14.916	165	41	2.541	ng	# 58
62) 4-Nitroaniline	15.593	138	83	2.390	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.687	198	5	5.621	ng	# 1
70) Pentachlorophenol	16.928	266	148	4.396	ng	# 53
80) Butylbenzylphthalate	20.539	149	579	2.692	ng	# 69

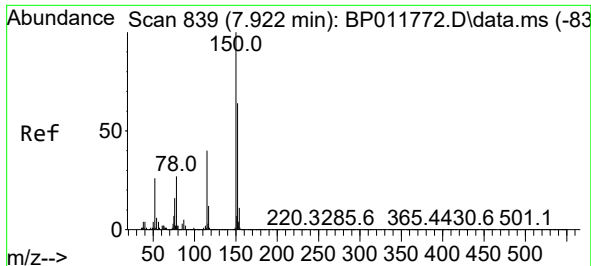
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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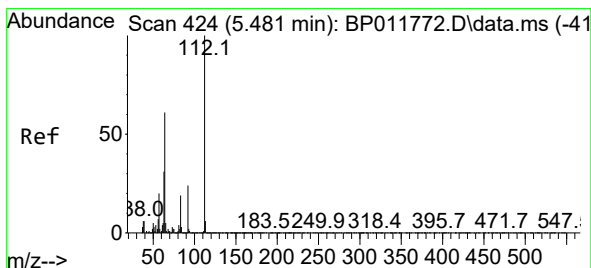
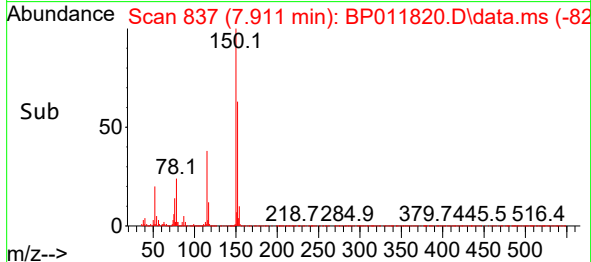
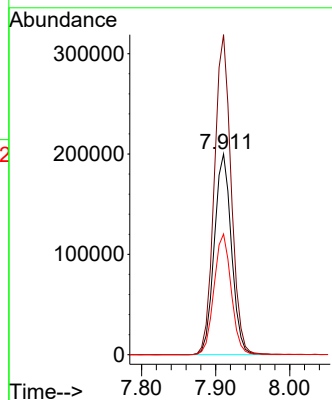
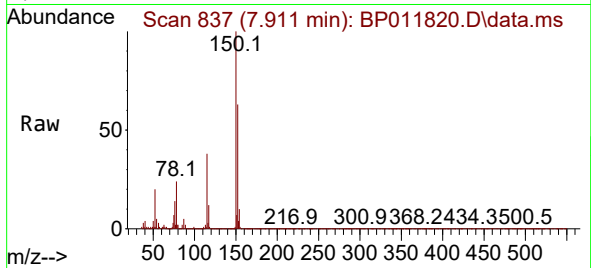




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

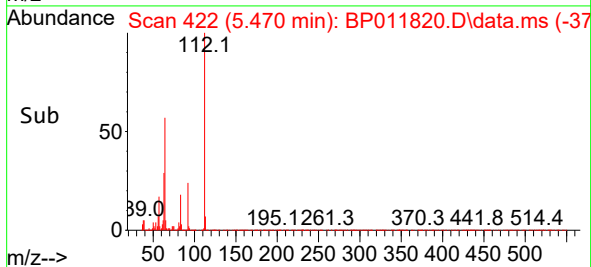
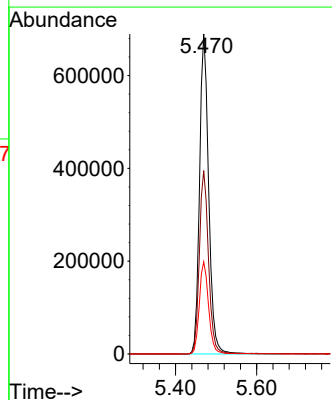
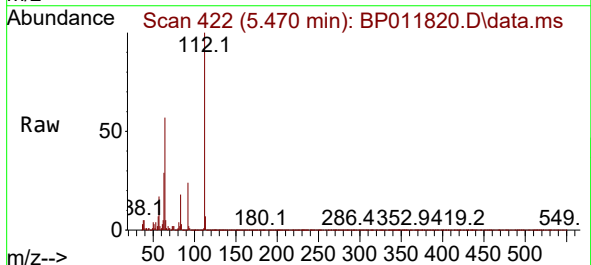
Instrument :
BNA_P
ClientSampleId :
529317-3

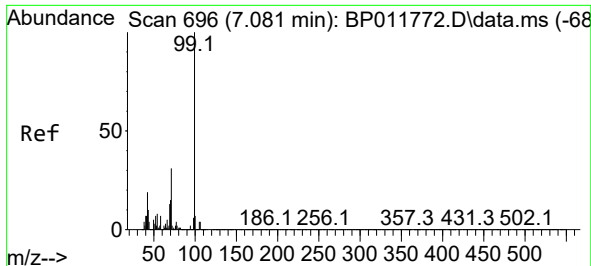
Tgt Ion:152 Resp: 321309
Ion Ratio Lower Upper
152 100
150 159.5 124.2 186.4
115 60.1 50.0 75.0



#5
2-Fluorophenol
Concen: 58.994 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

Tgt Ion:112 Resp: 1080314
Ion Ratio Lower Upper
112 100
64 57.3 49.2 73.8
63 28.8 25.2 37.8

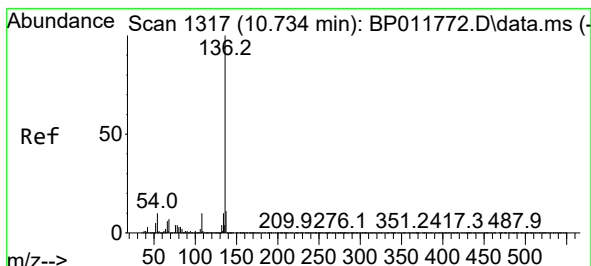
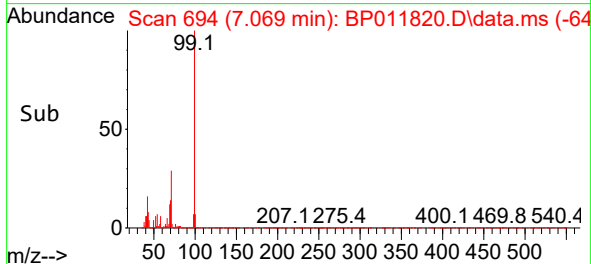
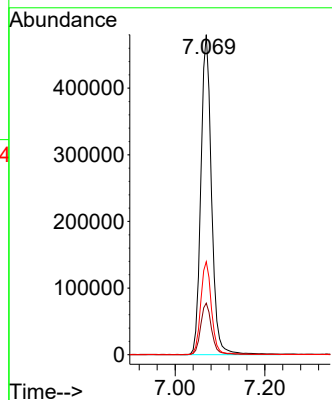
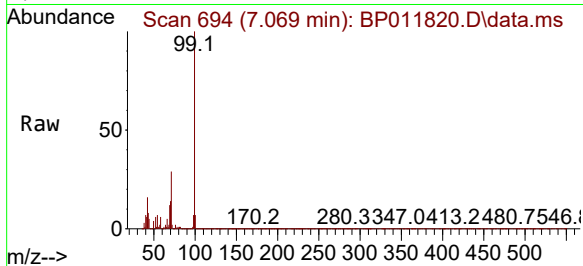




#7
Phenol-d6
Concen: 29.124 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

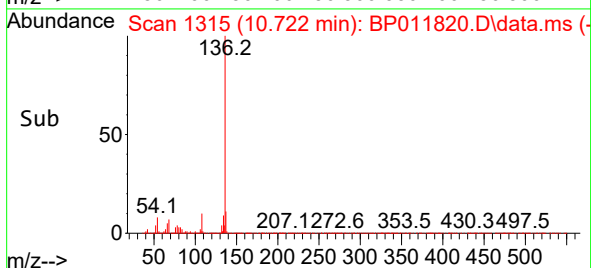
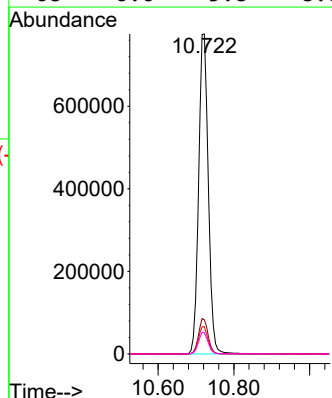
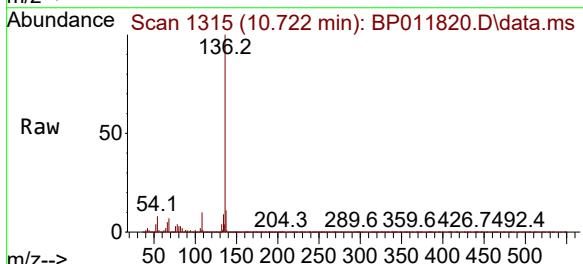
Instrument :
BNA_P
ClientSampleId :
529317-3

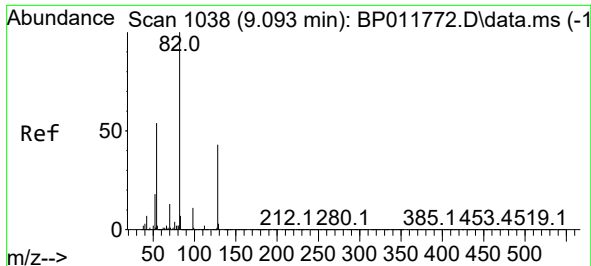
Tgt Ion: 99 Resp: 788589
Ion Ratio Lower Upper
99 100
42 16.1 15.4 23.2
71 29.1 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

Tgt Ion: 136 Resp: 1379504
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.5 8.2 12.4
68 6.6 5.8 8.8



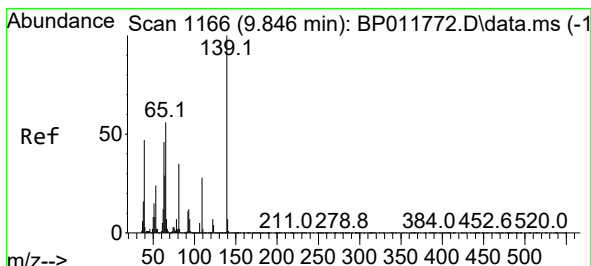
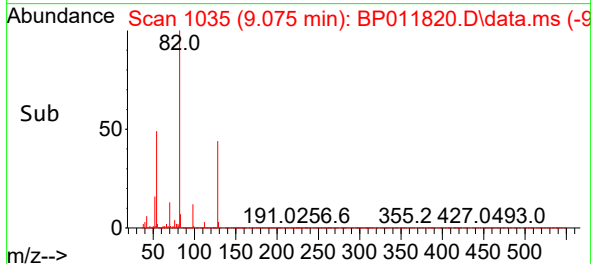
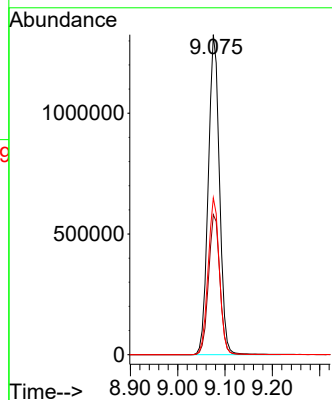
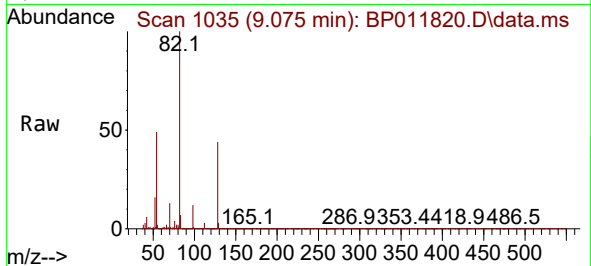


#23
Nitrobenzene-d5
Concen: 82.706 ng
RT: 9.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

Instrument :
BNA_P
ClientSampleId :
529317-3

Tgt Ion: 82 Resp: 2179822

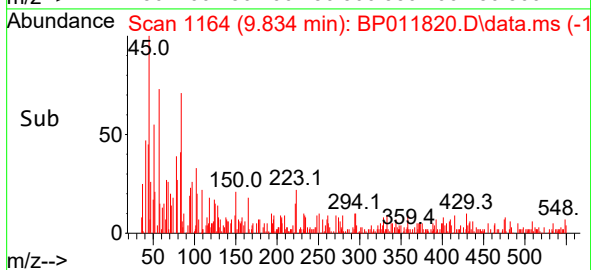
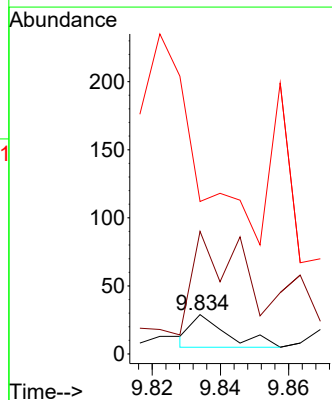
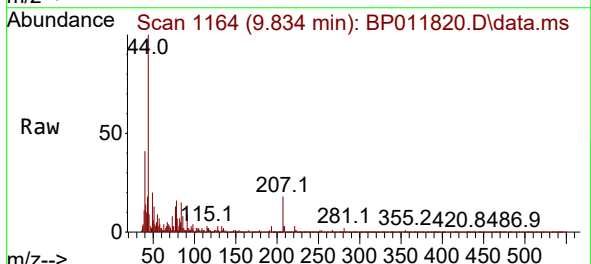
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.4
54	49.0	43.1	64.7

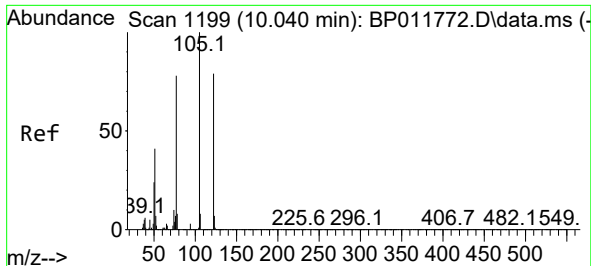


#26
2-Nitrophenol
Concen: 3.333 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

Tgt Ion:139 Resp: 17

Ion	Ratio	Lower	Upper
139	100		
109	327.6	22.6	34.0#
65	386.2	44.7	67.1#

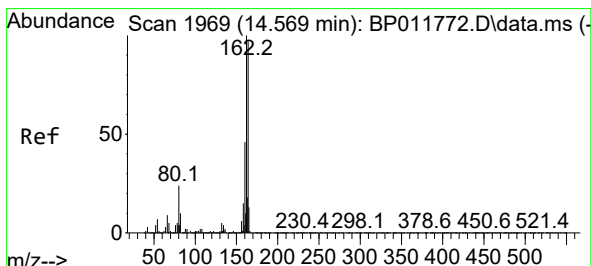
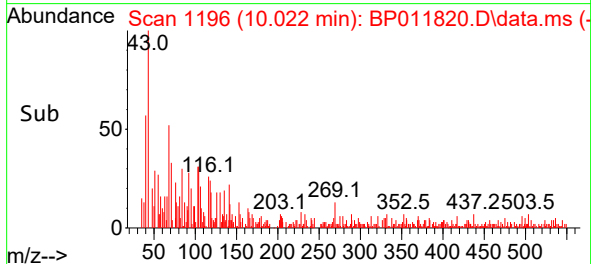
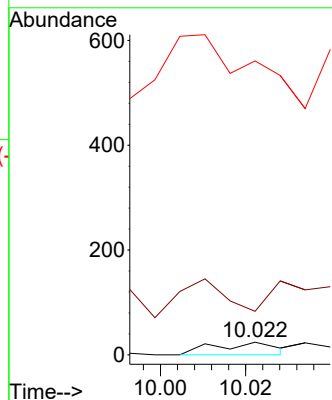
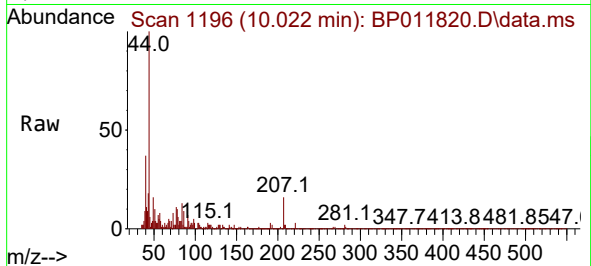




#32
Benzoic acid
Concen: 6.759 ng
RT: 10.022 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

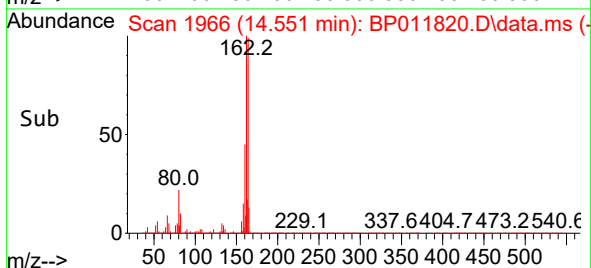
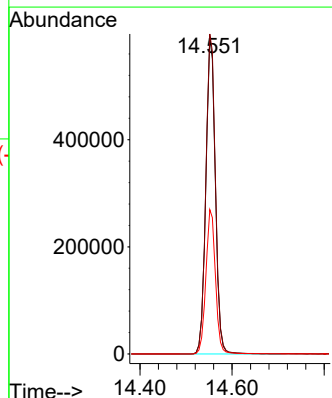
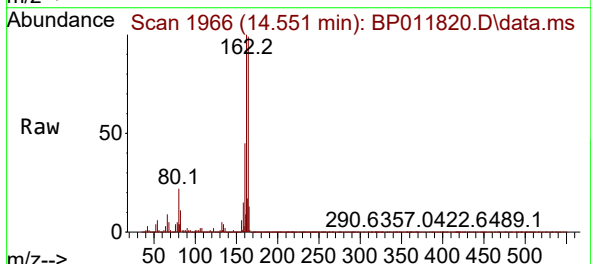
Instrument :
BNA_P
ClientSampleId :
529317-3

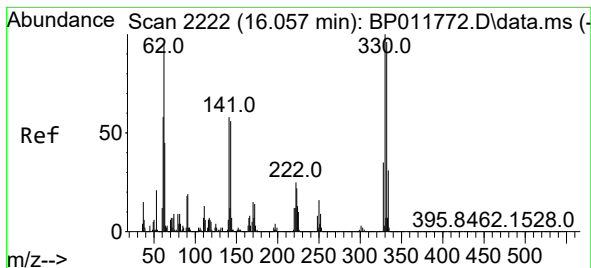
Tgt Ion:122 Resp: 24
Ion Ratio Lower Upper
122 100
105 345.8 101.0 141.0#
77 2337.5 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

Tgt Ion:164 Resp: 852575
Ion Ratio Lower Upper
164 100
162 101.0 82.5 123.7
160 45.5 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 211.766 ng

RT: 16.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011820.D

Acq: 27 Sep 2022 17:45

Instrument :

BNA_P

ClientSampleId :

529317-3

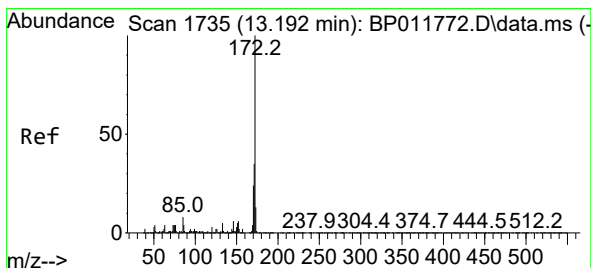
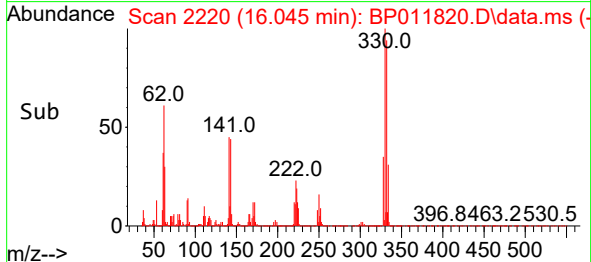
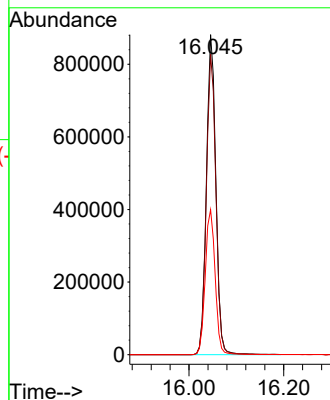
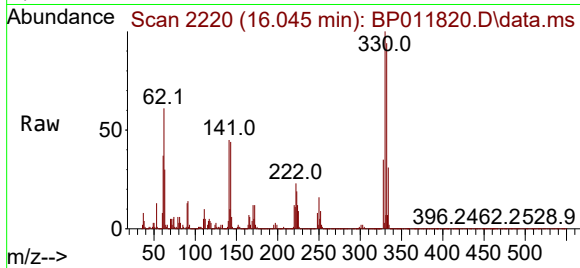
Tgt Ion:330 Resp: 1215706

Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

141 47.6 48.7 73.1#



#45

2-Fluorobiphenyl

Concen: 90.946 ng

RT: 13.181 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP011820.D

Acq: 27 Sep 2022 17:45

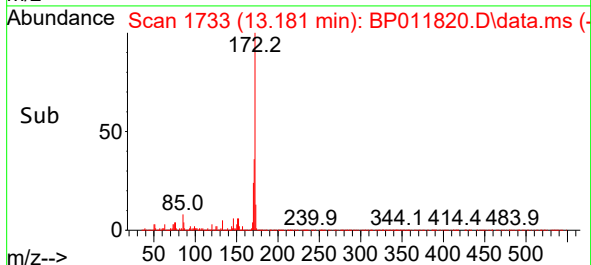
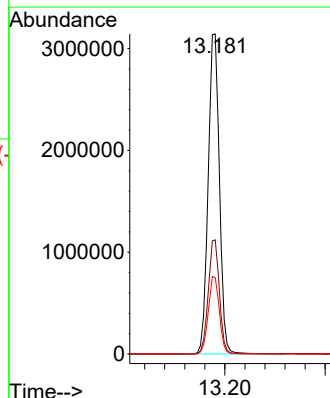
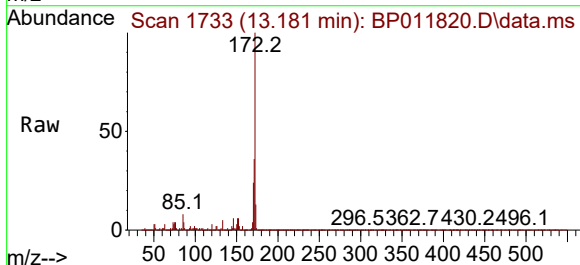
Tgt Ion:172 Resp: 4903181

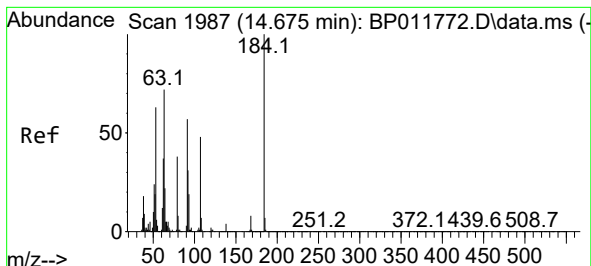
Ion Ratio Lower Upper

172 100

171 35.7 27.9 41.9

170 23.9 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.730 ng

RT: 14.657 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BP011820.D

Acq: 27 Sep 2022 17:45

Instrument :

BNA_P

ClientSampleId :

529317-3

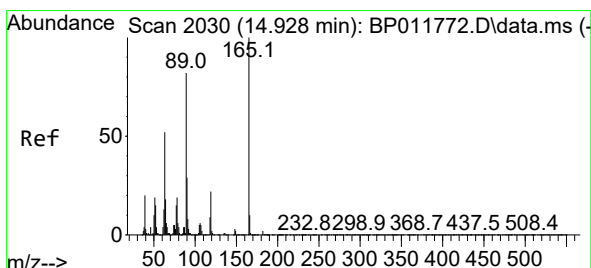
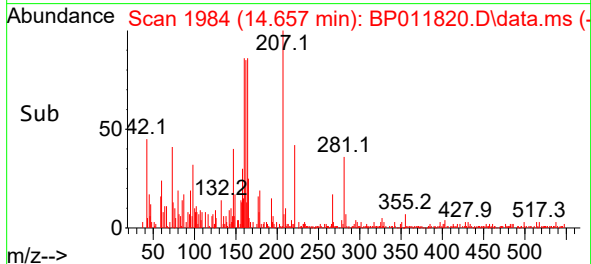
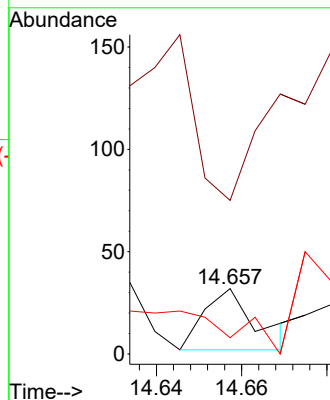
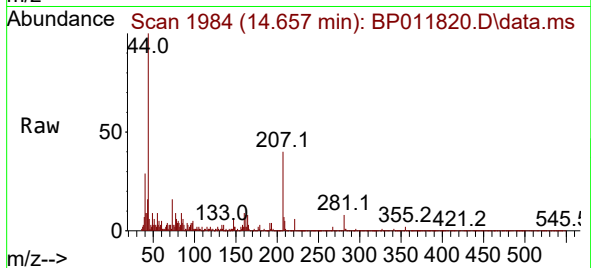
Tgt Ion:184 Resp: 25

Ion Ratio Lower Upper

184 100

63 234.4 65.7 98.5#

154 25.0 48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.541 ng

RT: 14.916 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BP011820.D

Acq: 27 Sep 2022 17:45

Tgt Ion:165 Resp: 41

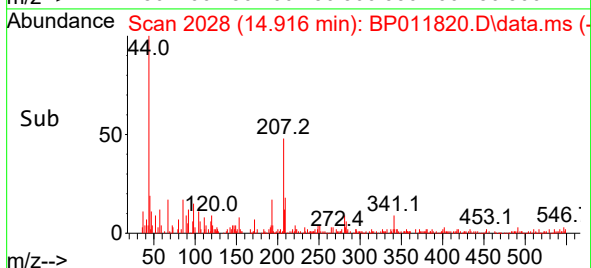
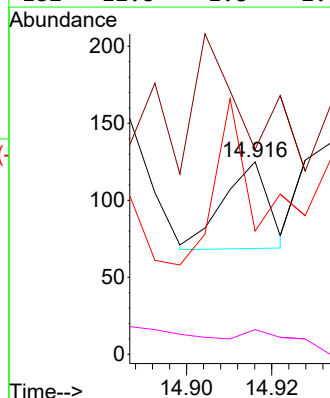
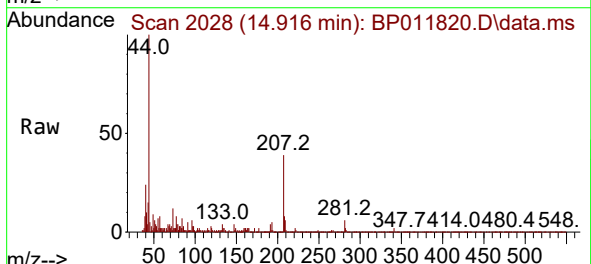
Ion Ratio Lower Upper

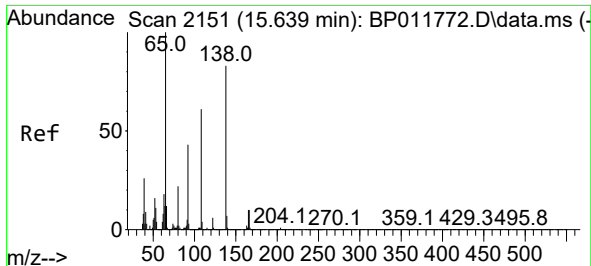
165 100

63 106.4 41.4 62.2#

89 64.0 66.0 99.0#

182 12.8 1.8 2.8#

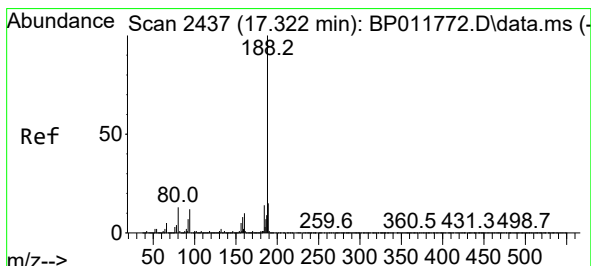
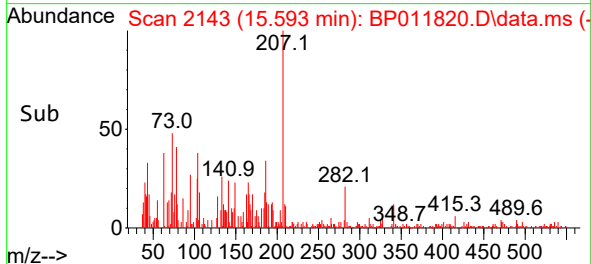
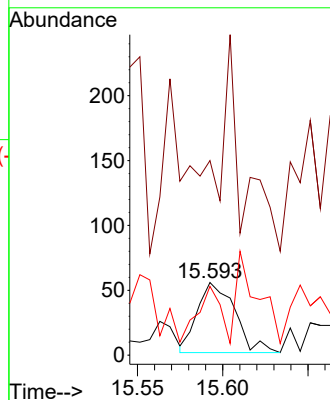
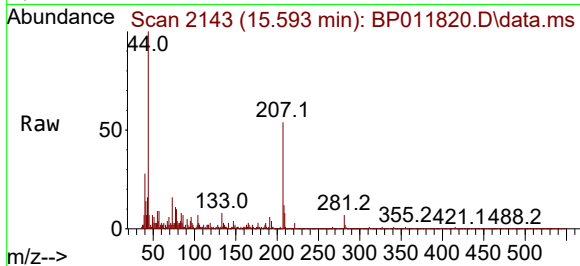




#62
4-Nitroaniline
Concen: 2.390 ng
RT: 15.593 min Scan# 2151
Delta R.T. -0.035 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

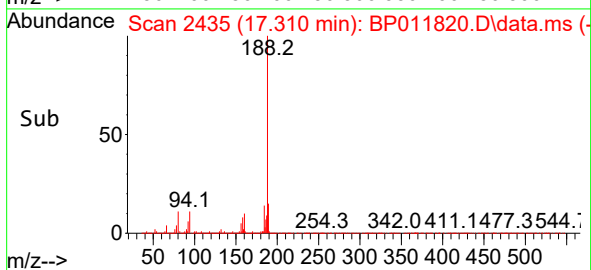
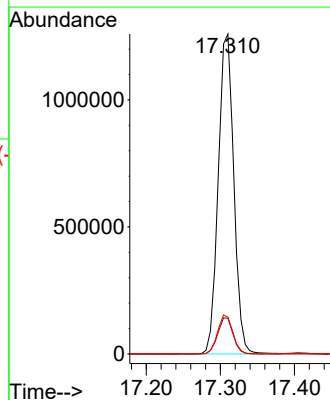
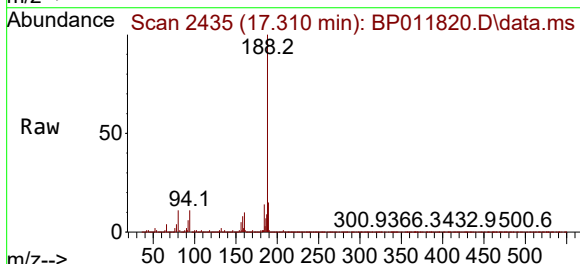
Instrument :
BNA_P
ClientSampleId :
529317-3

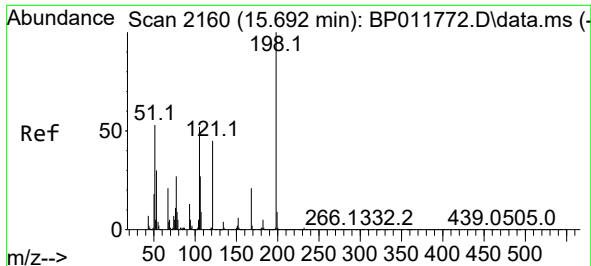
Tgt Ion:138 Resp: 83
Ion Ratio Lower Upper
138 100
92 267.9 31.9 71.9#
108 94.6 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

Tgt Ion:188 Resp: 1834626
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.0
80 11.5 10.6 15.8

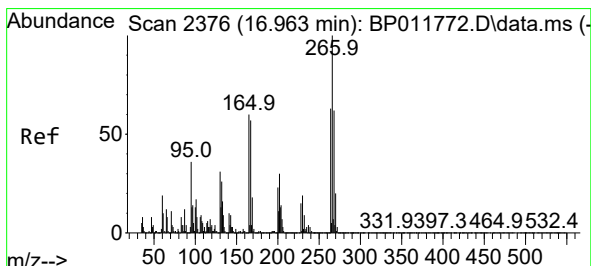
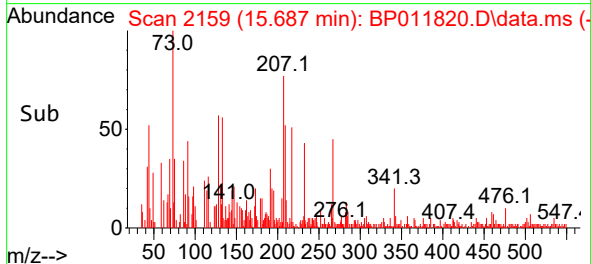
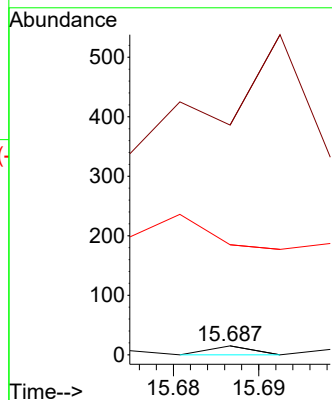
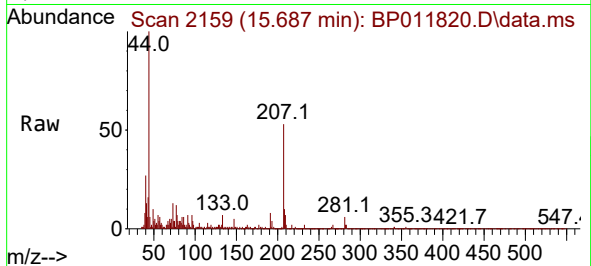




#65
4,6-Dinitro-2-methylphenol
Concen: 5.621 ng
RT: 15.687 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

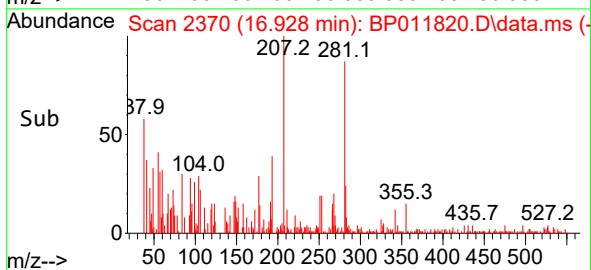
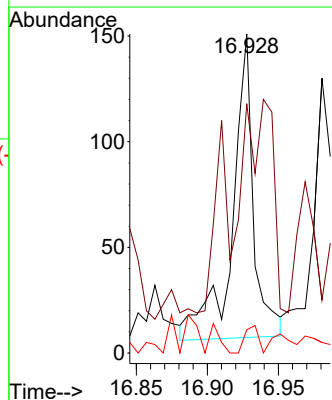
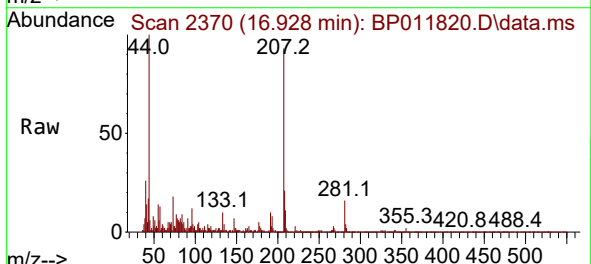
Instrument :
BNA_P
ClientSampleId :
529317-3

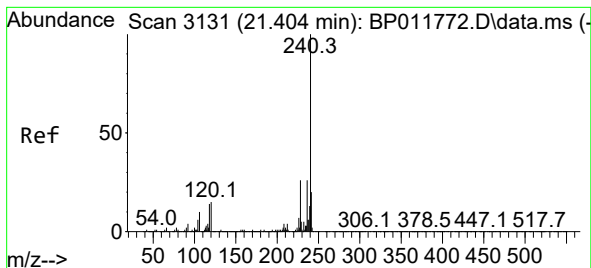
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 2573.3 41.6 81.6#
105 1233.3 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.396 ng
RT: 16.928 min Scan# 2370
Delta R.T. -0.029 min
Lab File: BP011820.D
Acq: 27 Sep 2022 17:45

Tgt Ion:266 Resp: 148
Ion Ratio Lower Upper
266 100
268 78.1 49.7 74.5#
264 7.3 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: BP011820.D

Acq: 27 Sep 2022 17:45

Instrument :

BNA_P

ClientSampleId :

529317-3

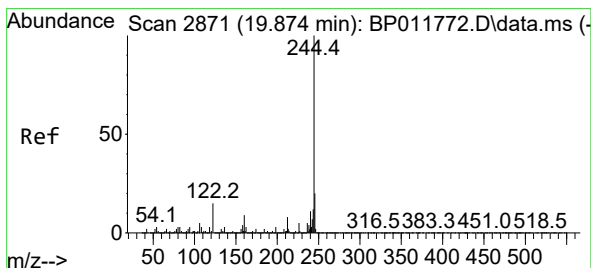
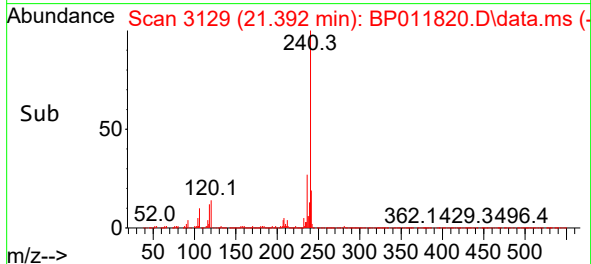
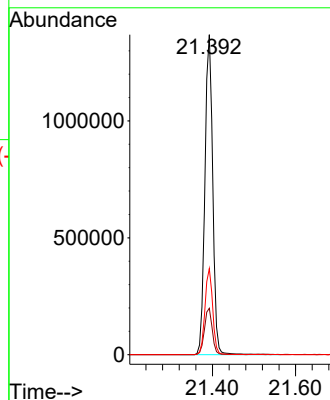
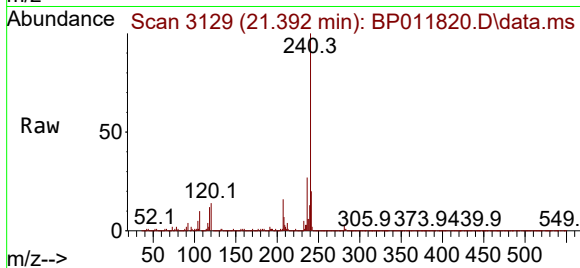
Tgt Ion:240 Resp: 1786250

Ion Ratio Lower Upper

240 100

120 14.5 12.0 18.0

236 26.9 21.1 31.7



#79

Terphenyl-d14

Concen: 101.035 ng

RT: 19.863 min Scan# 2869

Delta R.T. -0.006 min

Lab File: BP011820.D

Acq: 27 Sep 2022 17:45

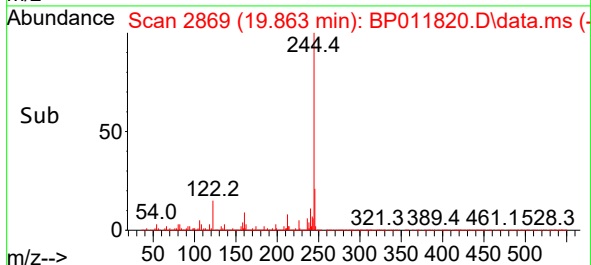
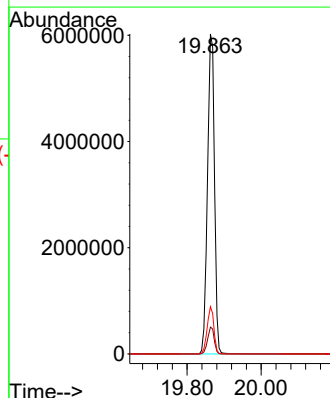
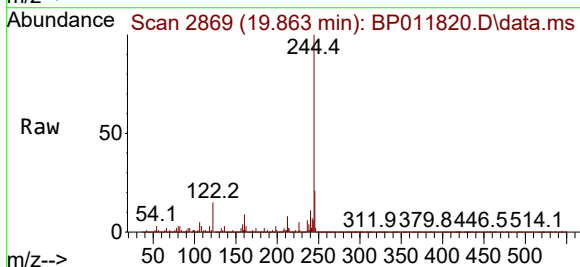
Tgt Ion:244 Resp: 7848949

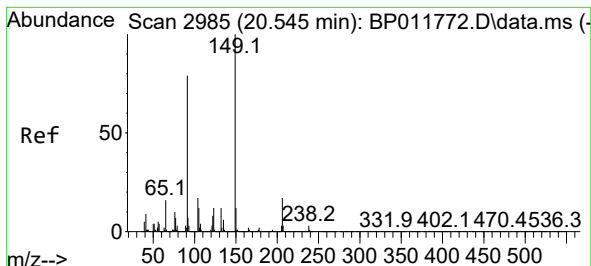
Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 14.7 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.692 ng

RT: 20.539 min Scan# 2985

Delta R.T. 0.000 min

Lab File: BP011820.D

Acq: 27 Sep 2022 17:45

Instrument :

BNA_P

ClientSampleId :

529317-3

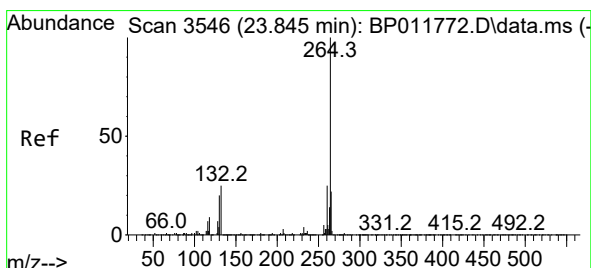
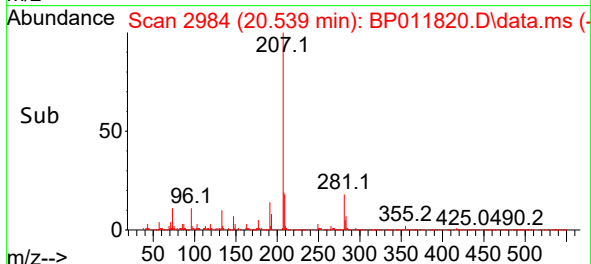
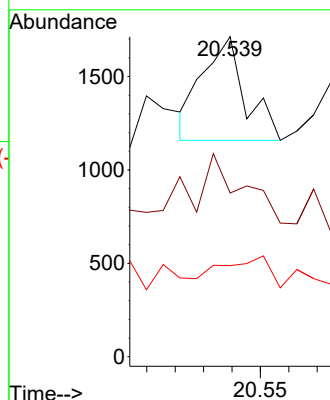
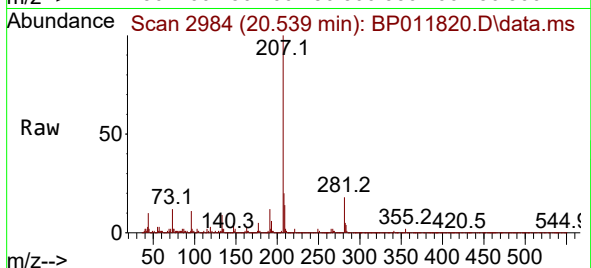
Tgt Ion:149 Resp: 579

Ion Ratio Lower Upper

149 100

91 51.1 63.1 94.7#

206 28.5 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: BP011820.D

Acq: 27 Sep 2022 17:45

Tgt Ion:264 Resp: 1850854

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 21.9 17.8 26.8

