

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011794.D
 Acq On : 23 Sep 2022 21:38
 Operator : CG/JU
 Sample : N4764-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R2

Quant Time: Sep 24 01:39:31 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)

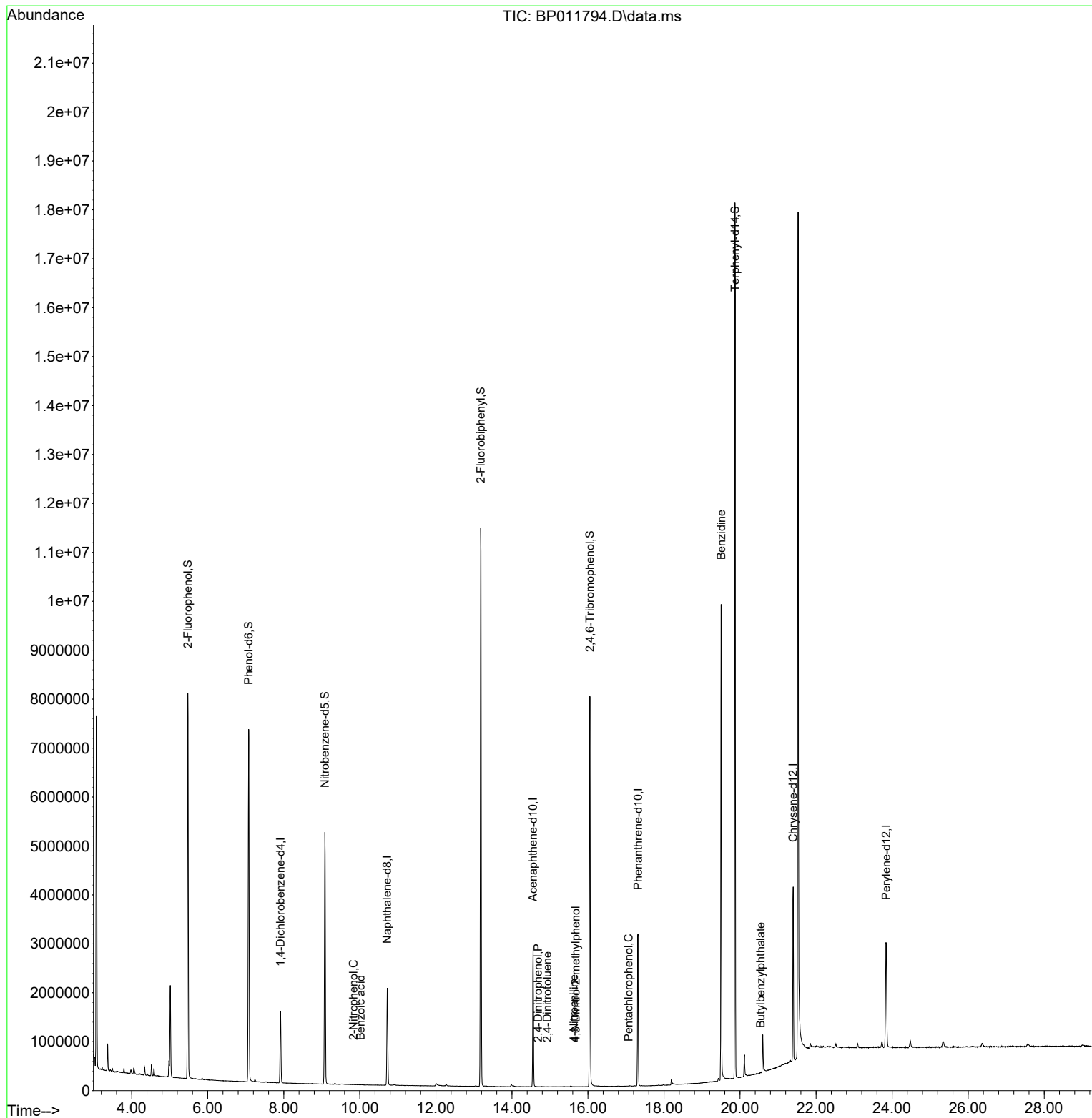
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	400047	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1634320	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	875819	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1720707	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1478329	20.000	ng	0.00
86) Perylene-d12	23.845	264	1403006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3448793	151.263	ng	0.00
7) Phenol-d6	7.075	99	4320497	128.159	ng	0.00
23) Nitrobenzene-d5	9.081	82	2981764	95.494	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	1005907	170.571	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5745090	103.734	ng	-0.01
79) Terphenyl-d14	19.868	244	7465469	116.115	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.834	139	11	3.332	ng	# 1
32) Benzoic acid	10.022	122	63	6.761	ng	# 1
54) 2,4-Dinitrophenol	14.686	184	14	6.728	ng	# 1
57) 2,4-Dinitrotoluene	14.933	165	54	2.542	ng	# 61
62) 4-Nitroaniline	15.633	138	23	2.387	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.680	198	18	5.622	ng	# 1
70) Pentachlorophenol	17.068	266	18	4.386	ng	89
77) Benzidine	19.504	184	4521243	157.581	ng	99
80) Butylbenzylphthalate	20.539	149	856	2.700	ng	# 87

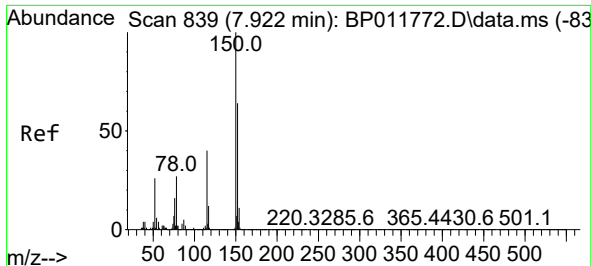
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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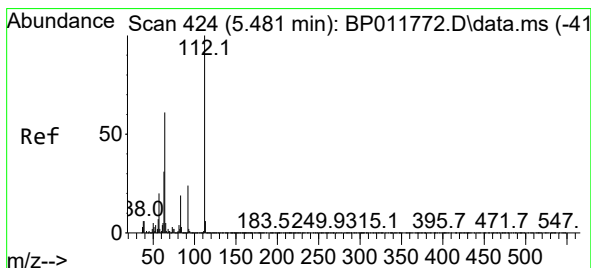
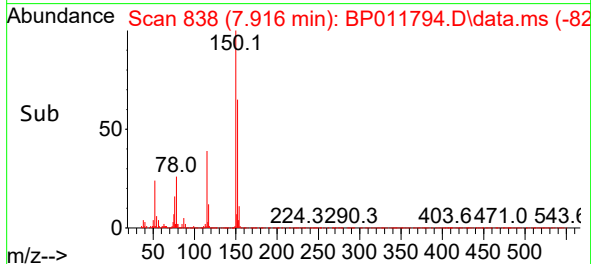
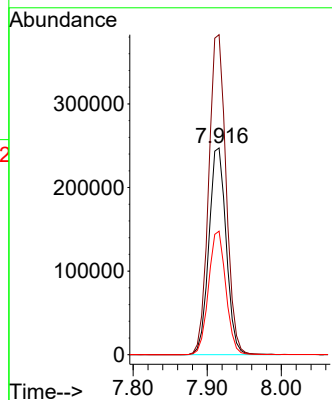
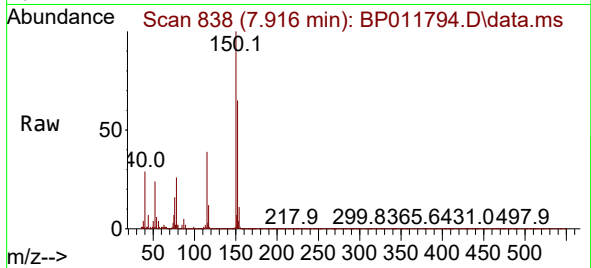




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

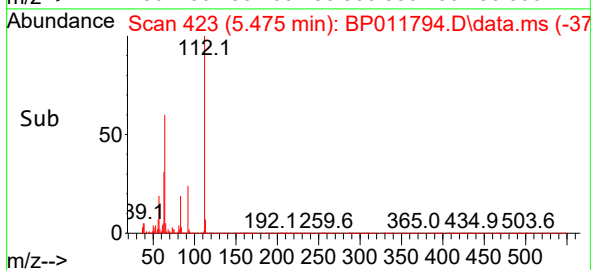
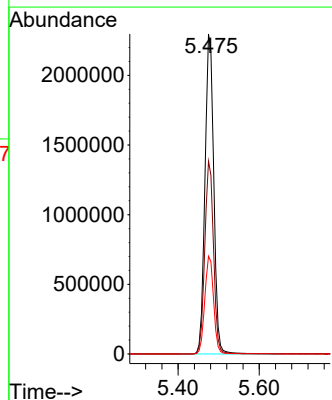
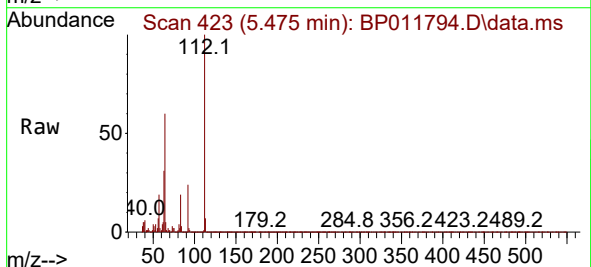
Instrument :
BNA_P
ClientSampleId :
R2

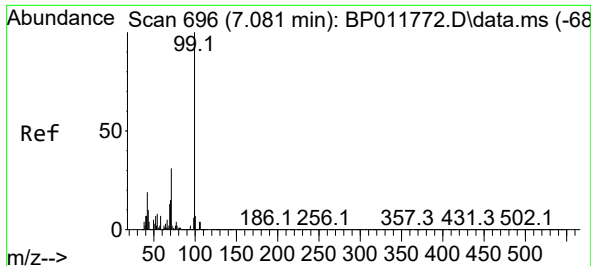
Tgt Ion:152 Resp: 400047
Ion Ratio Lower Upper
152 100
150 154.8 124.2 186.4
115 59.7 50.0 75.0



#5
2-Fluorophenol
Concen: 151.263 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

Tgt Ion:112 Resp: 3448793
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 30.6 25.2 37.8

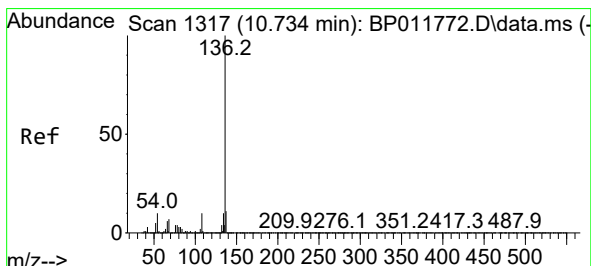
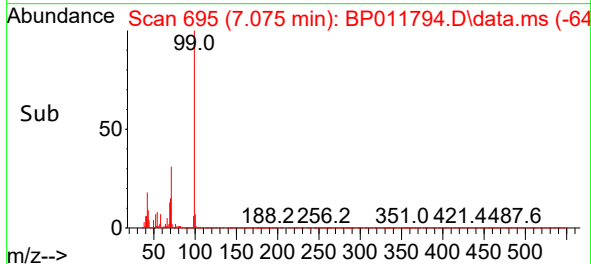
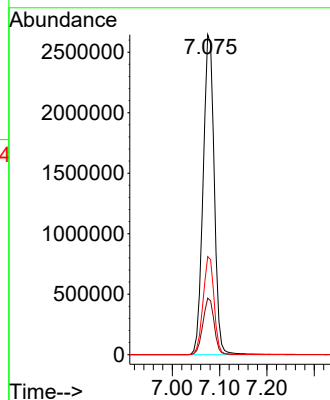
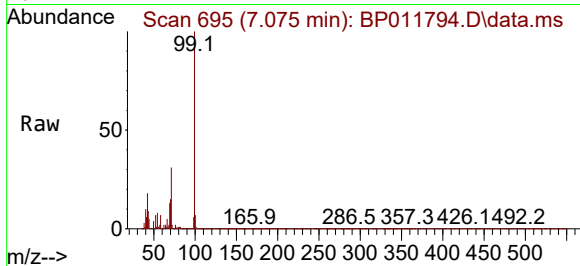




#7
Phenol-d6
Concen: 128.159 ng
RT: 7.075 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

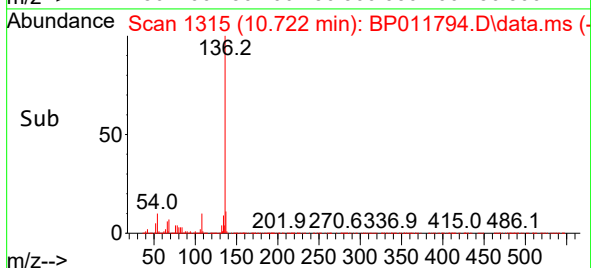
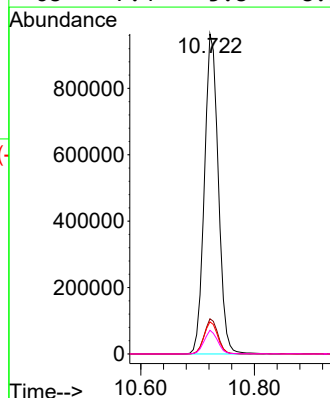
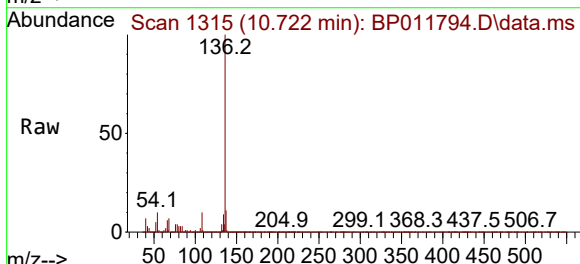
Instrument :
BNA_P
ClientSampleId :
R2

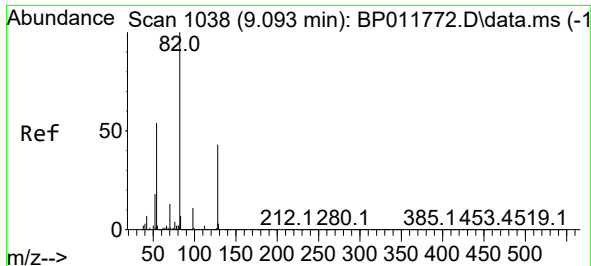
Tgt Ion: 99 Resp: 4320497
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.2
71 30.7 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

Tgt Ion: 136 Resp: 1634320
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 8.2 12.4
68 7.4 5.8 8.8

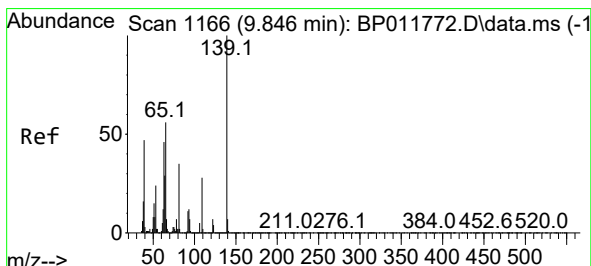
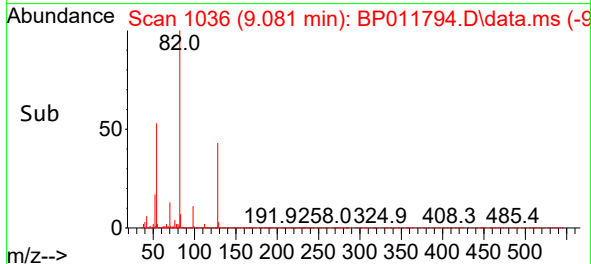
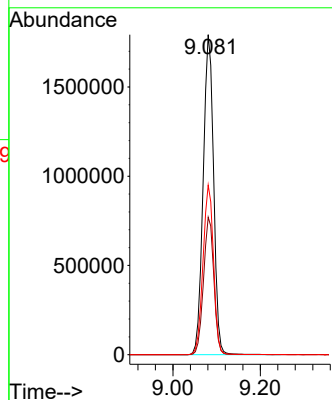
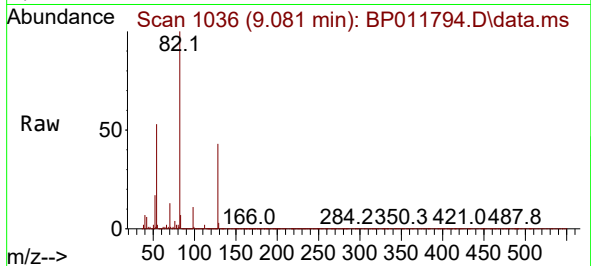




#23
Nitrobenzene-d5
Concen: 95.494 ng
RT: 9.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

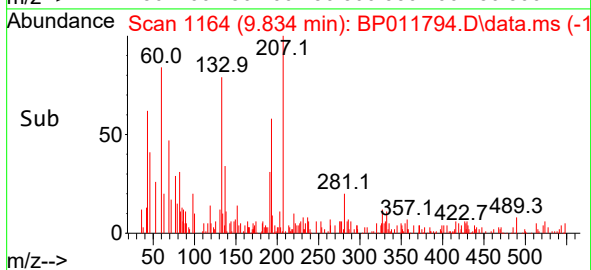
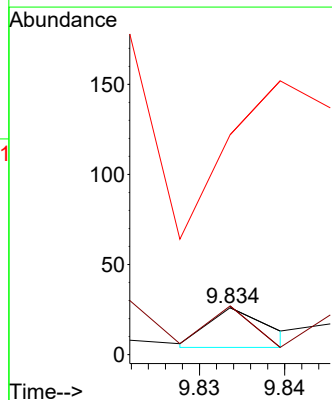
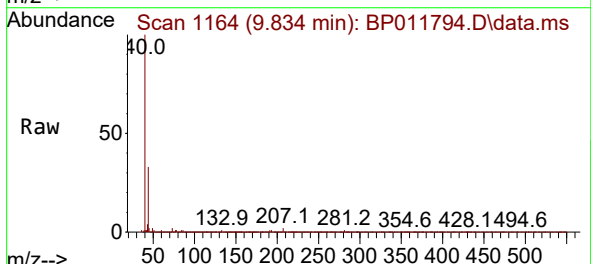
Instrument :
BNA_P
ClientSampleId :
R2

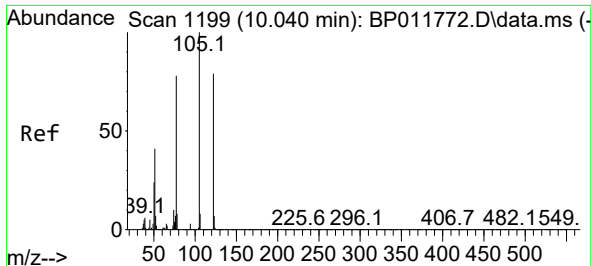
Tgt Ion: 82 Resp: 2981764
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 53.0 43.1 64.7



#26
2-Nitrophenol
Concen: 3.332 ng
RT: 9.834 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
109 103.8 22.6 34.0#
65 469.2 44.7 67.1#

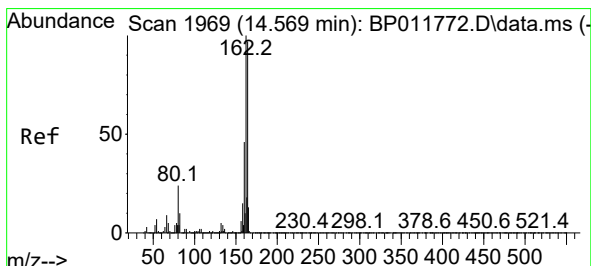
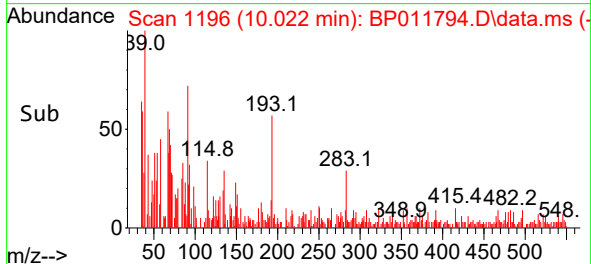
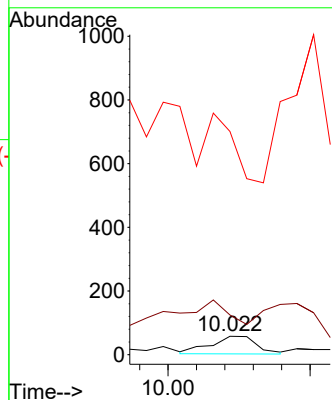
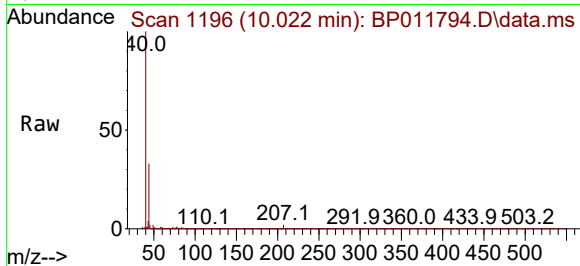




#32
Benzoic acid
Concen: 6.761 ng
RT: 10.022 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

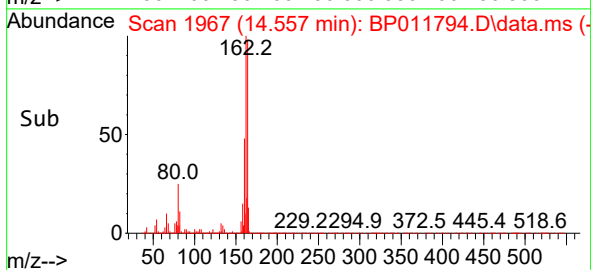
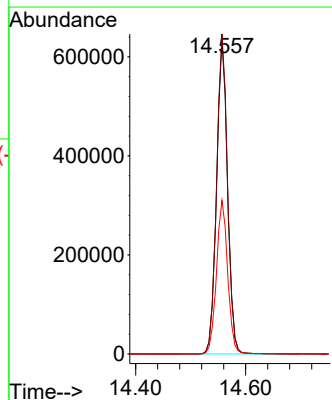
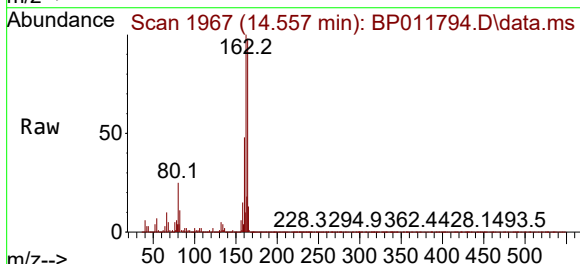
Instrument :
BNA_P
ClientSampleId :
R2

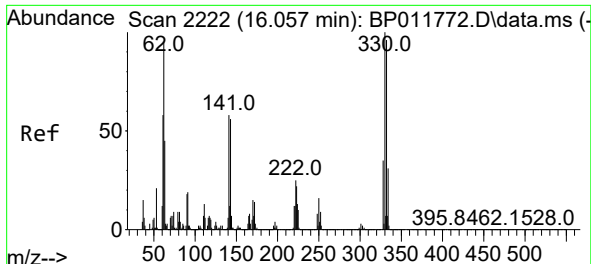
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 215.5 101.0 141.0#
77 1208.6 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

Tgt Ion:164 Resp: 875819
Ion Ratio Lower Upper
164 100
162 102.0 82.5 123.7
160 49.0 37.8 56.6

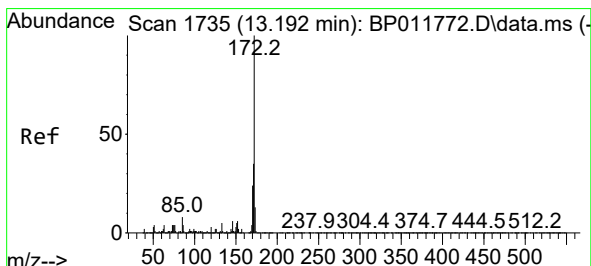
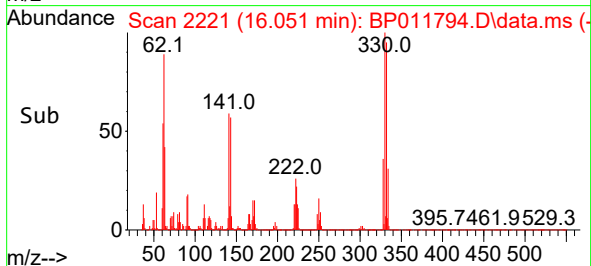
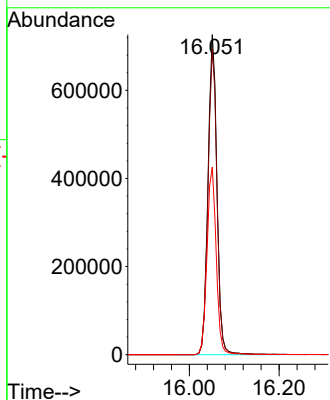
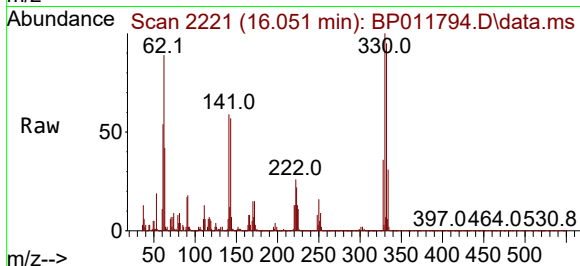




#42
2,4,6-Tribromophenol
Concen: 170.571 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

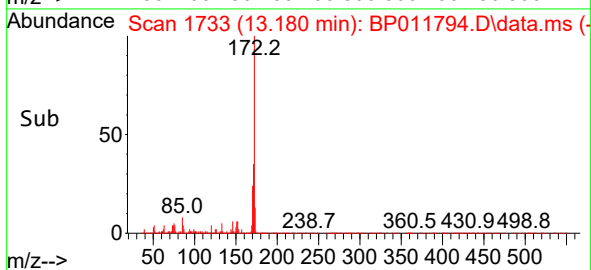
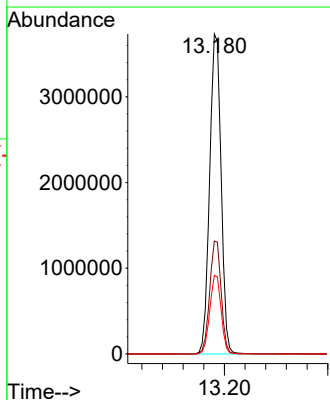
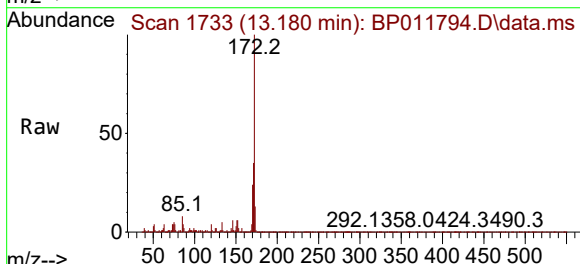
Instrument :
BNA_P
ClientSampleId :
R2

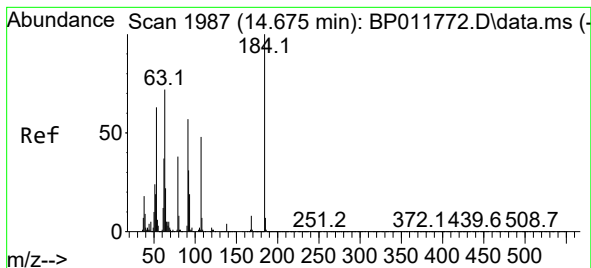
Tgt Ion:330 Resp: 1005907
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 60.5 48.7 73.1



#45
2-Fluorobiphenyl
Concen: 103.734 ng
RT: 13.180 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

Tgt Ion:172 Resp: 5745090
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.5 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 6.728 ng

RT: 14.686 min Scan# 1989

Delta R.T. 0.011 min

Lab File: BP011794.D

Acq: 23 Sep 2022 21:38

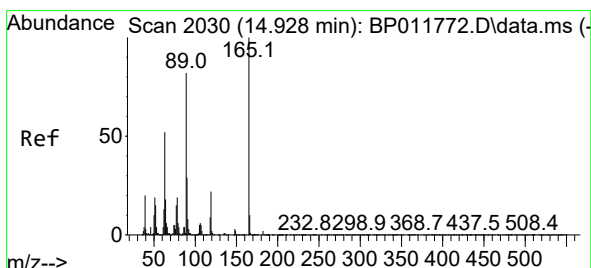
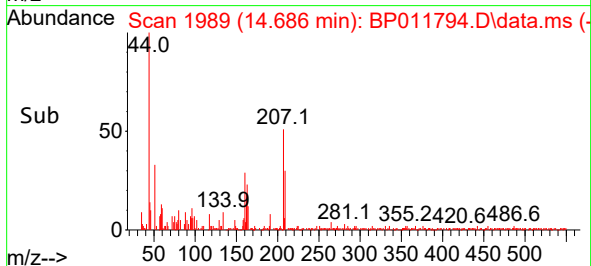
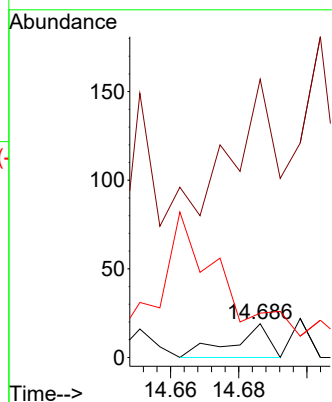
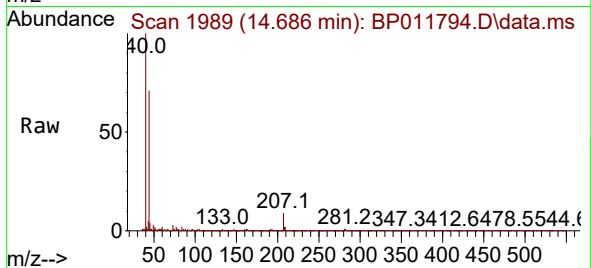
Instrument :

BNA_P

ClientSampleId :

R2

Tgt Ion:184	Resp:	14
Ion	Ratio	Lower Upper
184	100	
63	826.3	65.7 98.5#
154	131.6	48.2 72.4#



#57

2,4-Dinitrotoluene

Concen: 2.542 ng

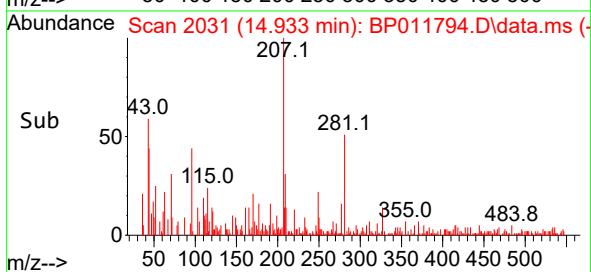
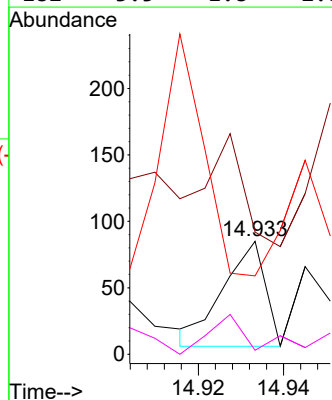
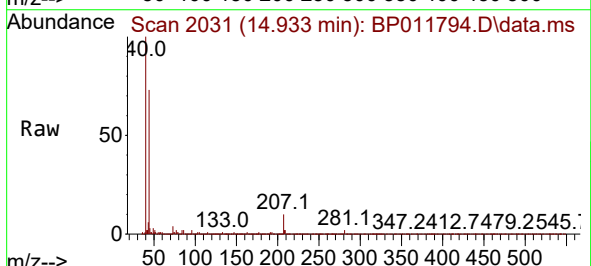
RT: 14.933 min Scan# 2031

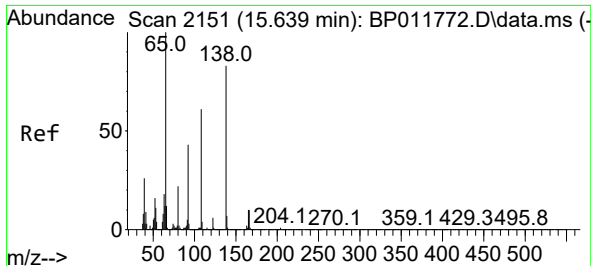
Delta R.T. 0.005 min

Lab File: BP011794.D

Acq: 23 Sep 2022 21:38

Tgt Ion:165	Resp:	54
Ion	Ratio	Lower Upper
165	100	
63	108.2	41.4 62.2#
89	69.4	66.0 99.0
182	3.5	1.8 2.8#

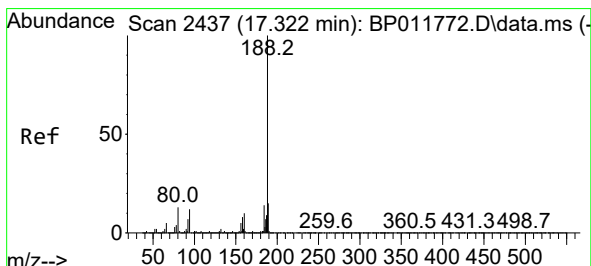
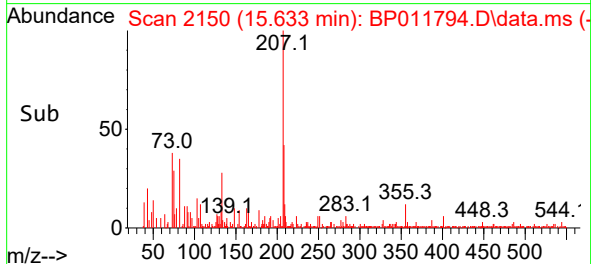
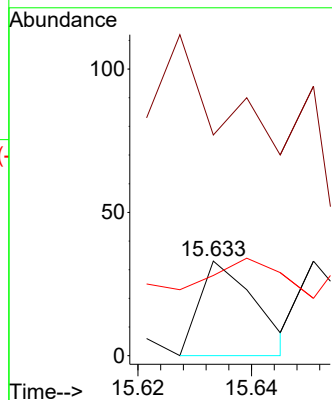
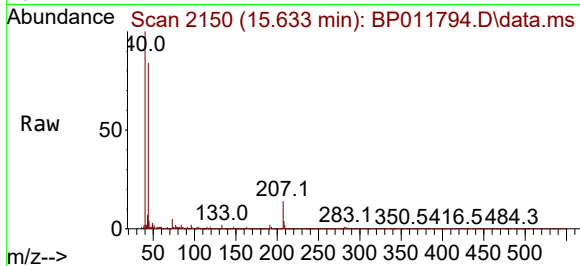




#62
4-Nitroaniline
Concen: 2.387 ng
RT: 15.633 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

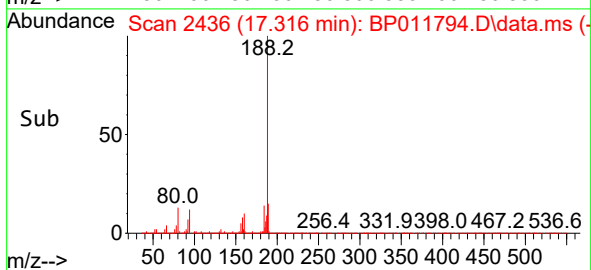
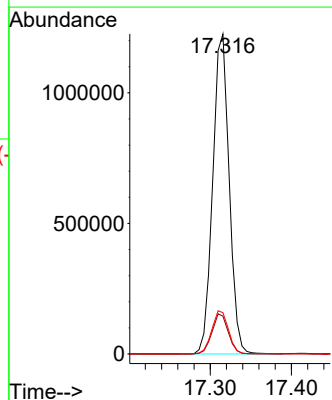
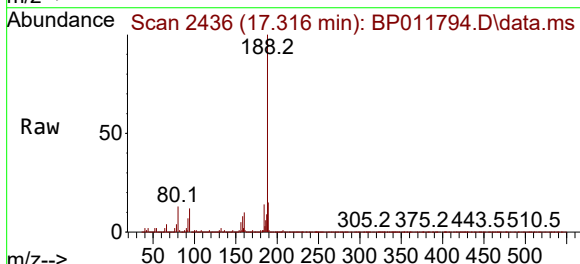
Instrument :
BNA_P
ClientSampleId :
R2

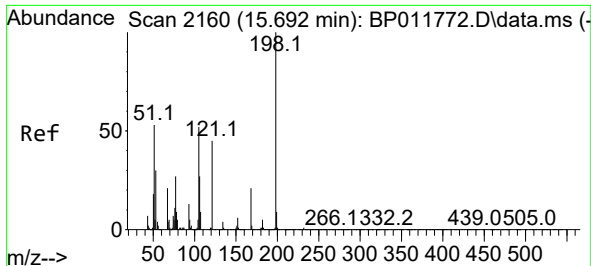
Tgt Ion:138 Resp: 23
Ion Ratio Lower Upper
138 100
92 233.3 31.9 71.9#
108 84.8 53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

Tgt Ion:188 Resp: 1720707
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.0
80 12.9 10.6 15.8

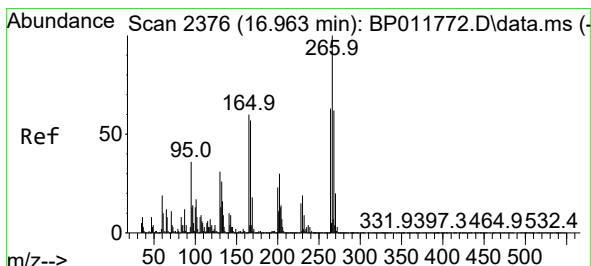
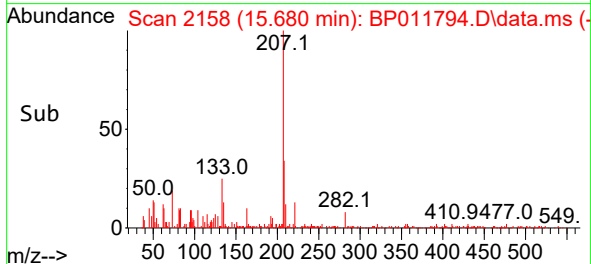
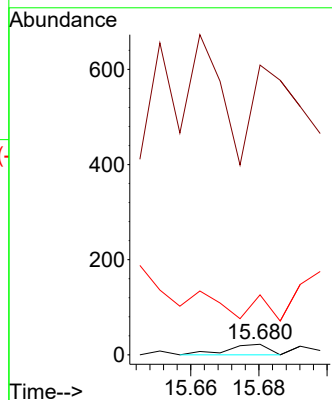
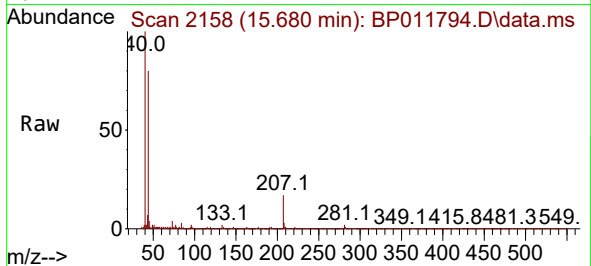




#65
4,6-Dinitro-2-methylphenol
Concen: 5.622 ng
RT: 15.680 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

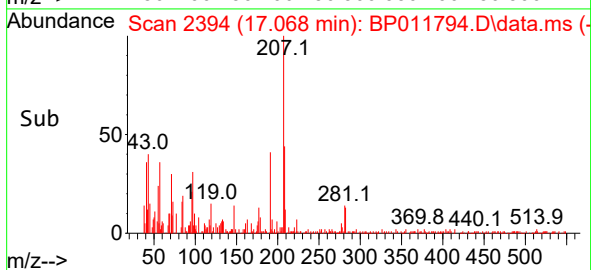
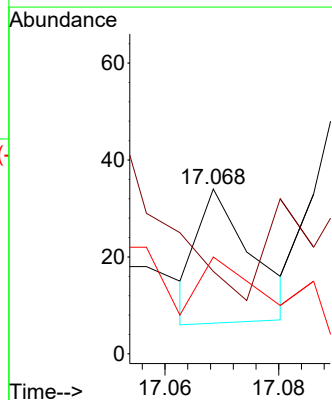
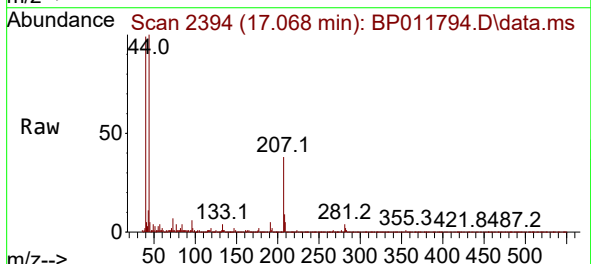
Instrument :
BNA_P
ClientSampleId :
R2

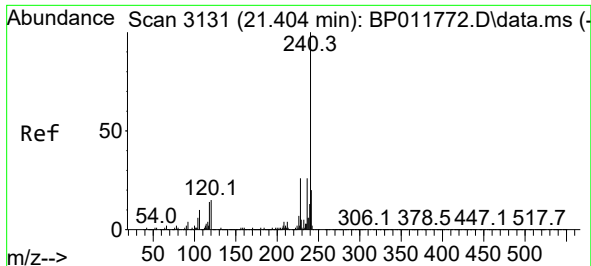
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 2768.2 41.6 81.6#
105 572.7 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.386 ng
RT: 17.068 min Scan# 2394
Delta R.T. 0.105 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
268 50.0 49.7 74.5
264 58.8 50.6 75.8

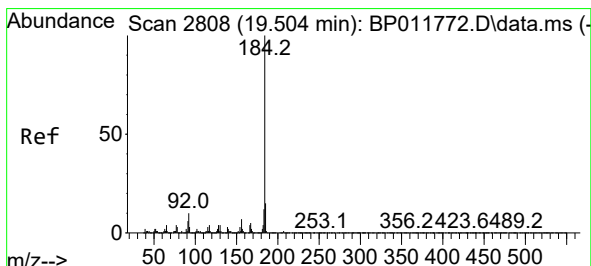
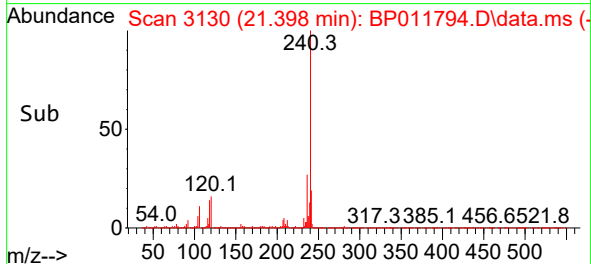
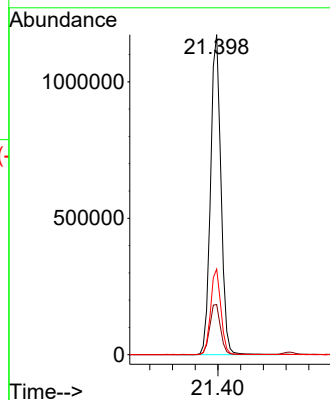
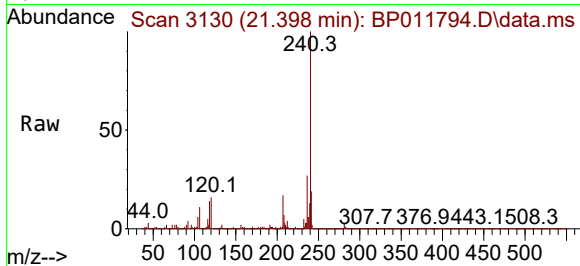




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

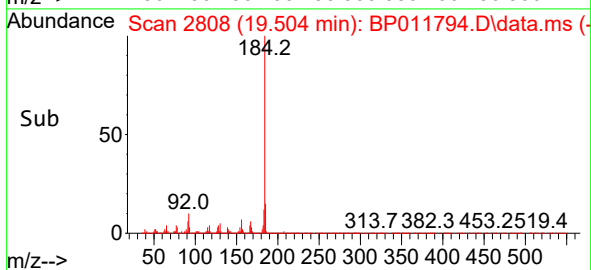
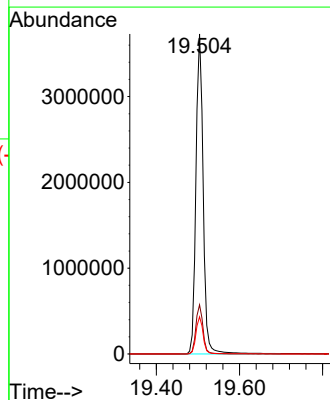
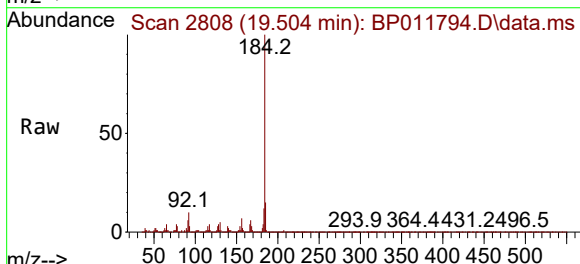
Instrument :
BNA_P
ClientSampleId :
R2

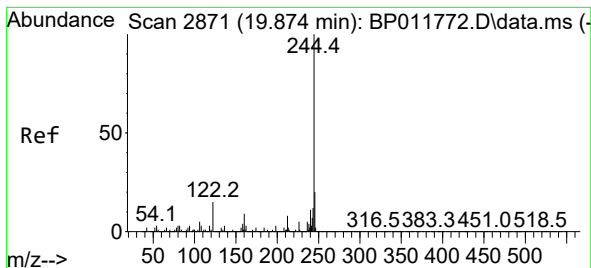
Tgt Ion:240 Resp: 1478329
Ion Ratio Lower Upper
240 100
120 15.7 12.0 18.0
236 26.8 21.1 31.7



#77
Benzidine
Concen: 157.581 ng
RT: 19.504 min Scan# 2808
Delta R.T. -0.000 min
Lab File: BP011794.D
Acq: 23 Sep 2022 21:38

Tgt Ion:184 Resp: 4521243
Ion Ratio Lower Upper
184 100
185 15.4 11.7 17.5
183 11.6 9.3 13.9





#79

Terphenyl-d14

Concen: 116.115 ng

RT: 19.868 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011794.D

Acq: 23 Sep 2022 21:38

Instrument :

BNA_P

ClientSampleId :

R2

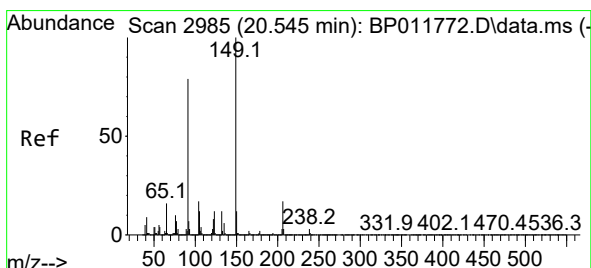
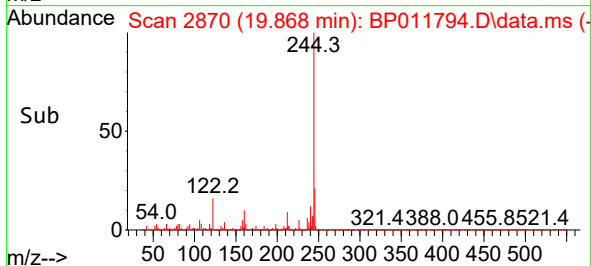
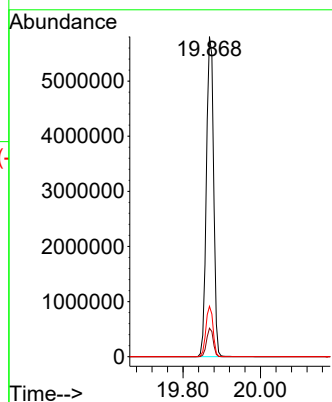
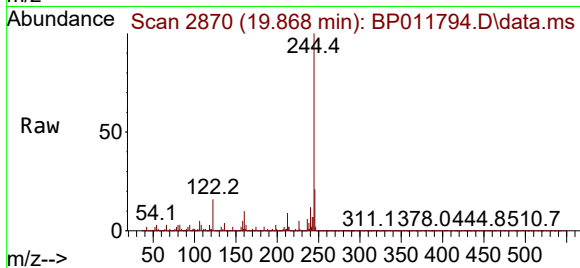
Tgt Ion:244 Resp: 7465469

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

122 15.7 11.8 17.8



#80

Butylbenzylphthalate

Concen: 2.700 ng

RT: 20.539 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BP011794.D

Acq: 23 Sep 2022 21:38

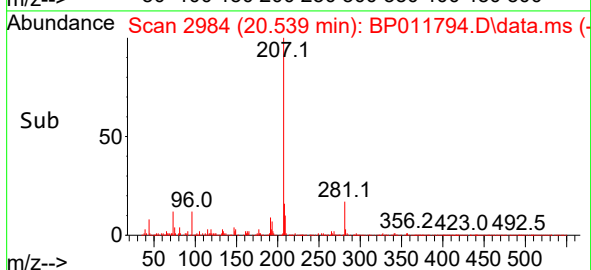
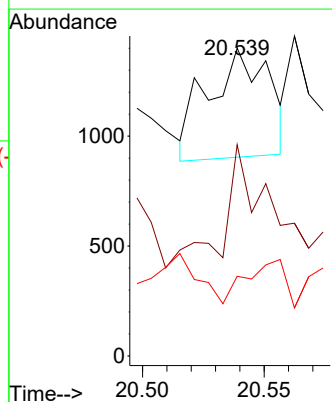
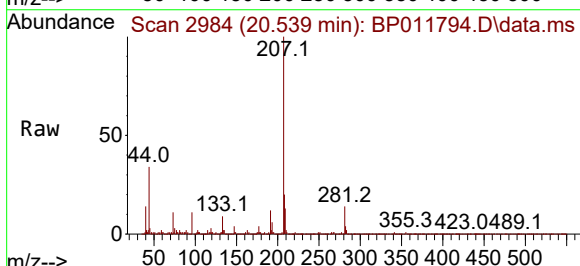
Tgt Ion:149 Resp: 856

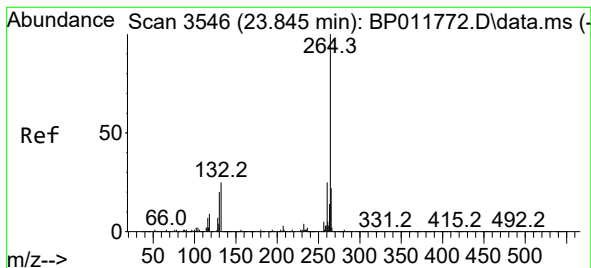
Ion Ratio Lower Upper

149 100

91 68.6 63.1 94.7

206 25.8 13.6 20.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.845 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP011794.D

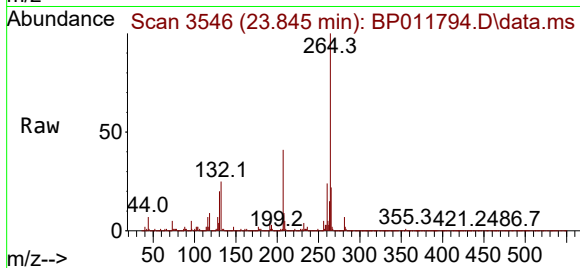
Acq: 23 Sep 2022 21:38

Instrument :

BNA_P

ClientSampleId :

R2



Tgt Ion:264 Resp: 1403006

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.7 17.8 26.8

