

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011792.D
 Acq On : 23 Sep 2022 20:29
 Operator : CG/JU
 Sample : N4764-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 354

Quant Time: Sep 24 01:38:58 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)

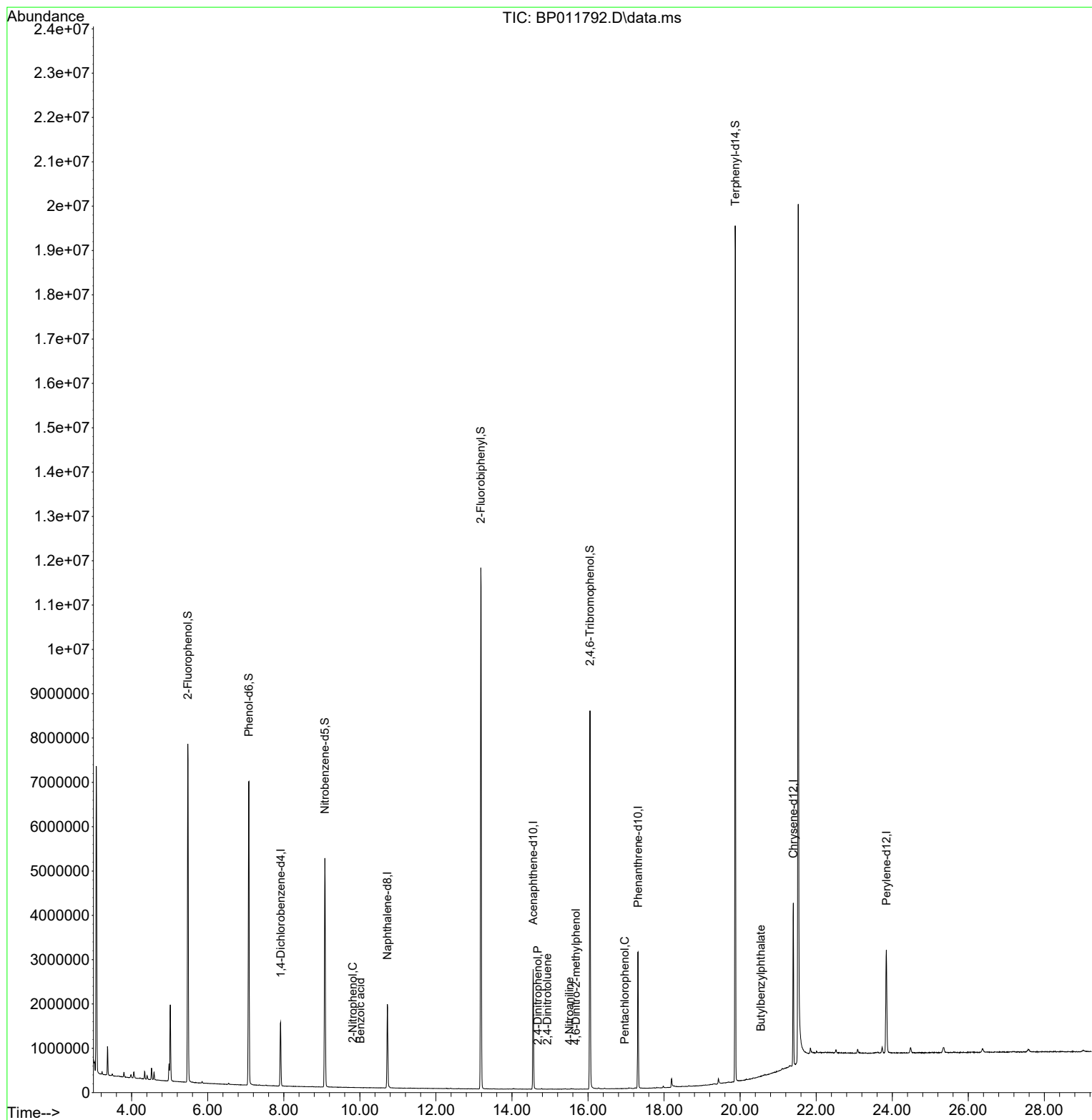
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	386367	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1567642	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	870409	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1761143	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1540715	20.000	ng	0.00
86) Perylene-d12	23.845	264	1492634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3421382	155.374	ng	0.00
7) Phenol-d6	7.081	99	4157772	127.699	ng	0.00
23) Nitrobenzene-d5	9.081	82	2972543	99.248	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	1096498	187.088	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5863524	106.531	ng	-0.01
79) Terphenyl-d14	19.875	244	8301026	123.883	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.816	139	64	3.336	ng	# 1
32) Benzoic acid	10.010	122	83	6.762	ng	# 1
54) 2,4-Dinitrophenol	14.675	184	42	6.732	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	150	2.546	ng	# 15
62) 4-Nitroaniline	15.510	138	52	2.388	ng	# 82
65) 4,6-Dinitro-2-methylph...	15.681	198	36	5.624	ng	# 1
70) Pentachlorophenol	16.969	266	560	4.432	ng	# 63
80) Butylbenzylphthalate	20.545	149	211	2.687	ng	# 91

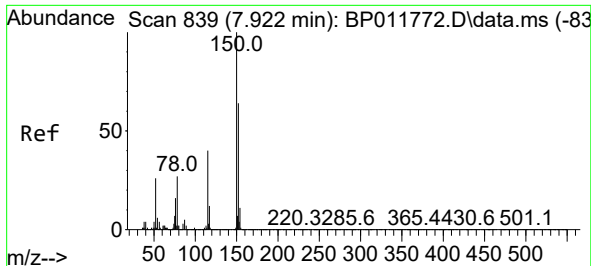
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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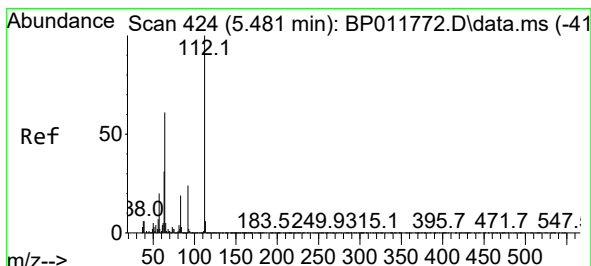
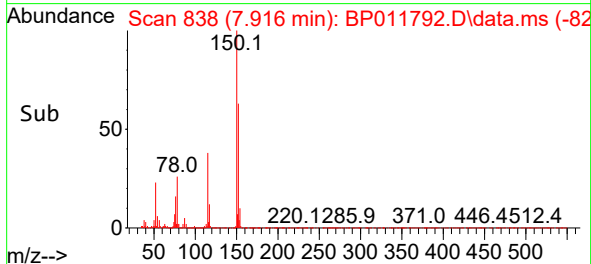
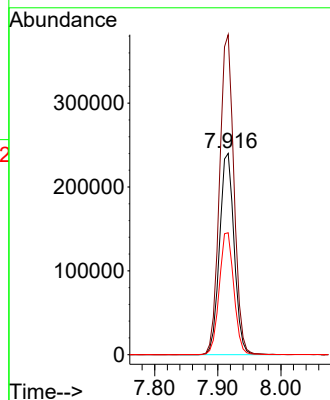
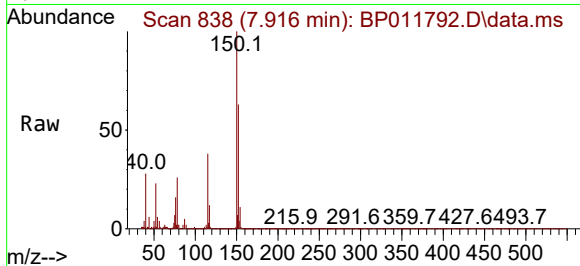




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

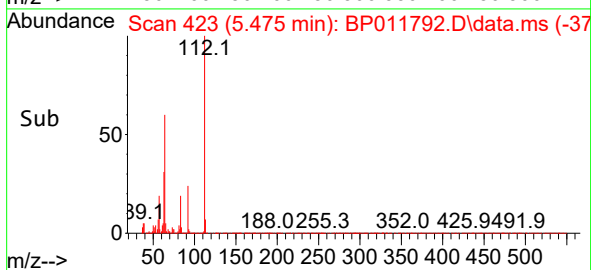
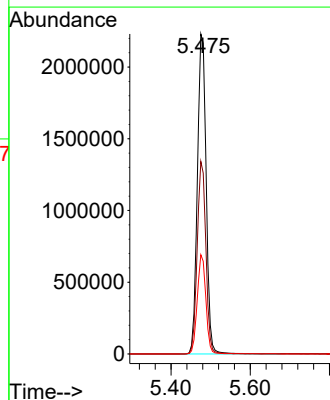
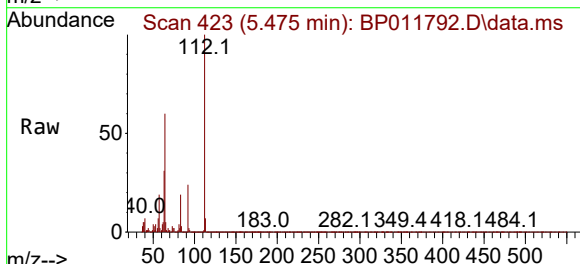
Instrument :
BNA_P
ClientSampleId :
354

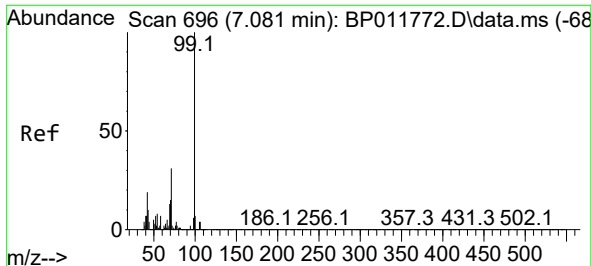
Tgt Ion:152 Resp: 386367
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.4
115 60.6 50.0 75.0



#5
2-Fluorophenol
Concen: 155.374 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Tgt Ion:112 Resp: 3421382
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 31.0 25.2 37.8



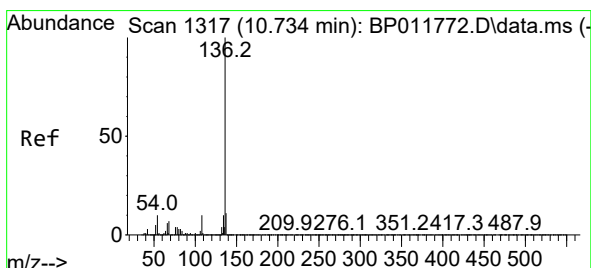
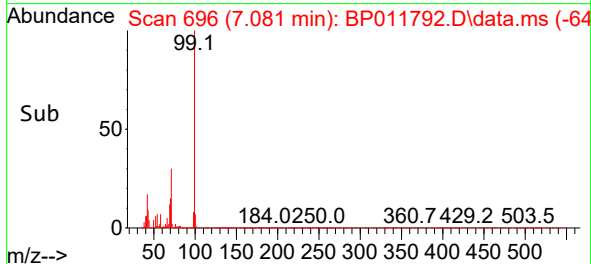
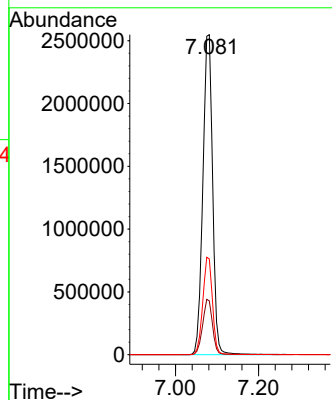
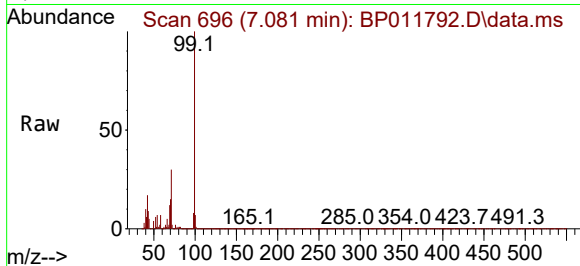


#7
Phenol-d6
Concen: 127.699 ng
RT: 7.081 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Instrument :
BNA_P
ClientSampleId :
354

Tgt Ion: 99 Resp: 4157772

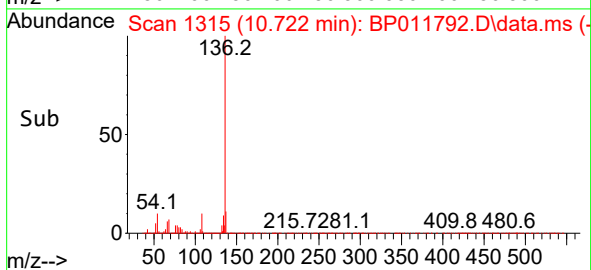
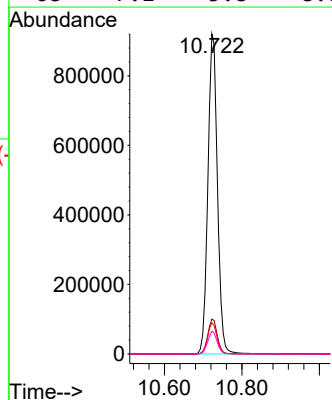
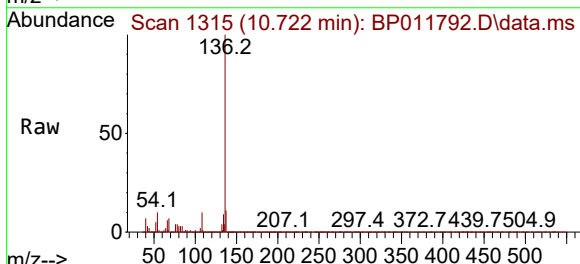
Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.4	23.2
71	29.9	24.7	37.1

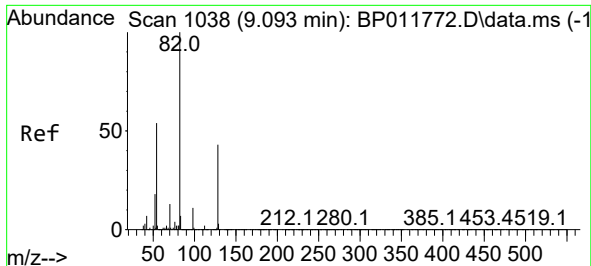


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Tgt Ion: 136 Resp: 1567642

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.7	8.2	12.4
68	7.1	5.8	8.8





#23

Nitrobenzene-d5

Concen: 99.248 ng

RT: 9.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BP011792.D

Acq: 23 Sep 2022 20:29

Instrument :

BNA_P

ClientSampleId :

354

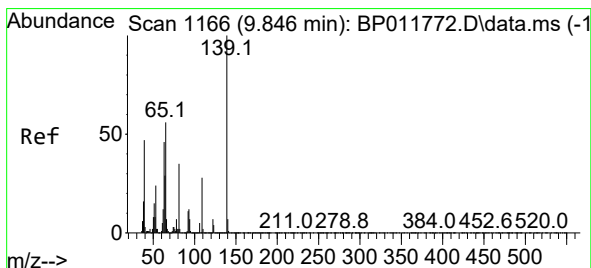
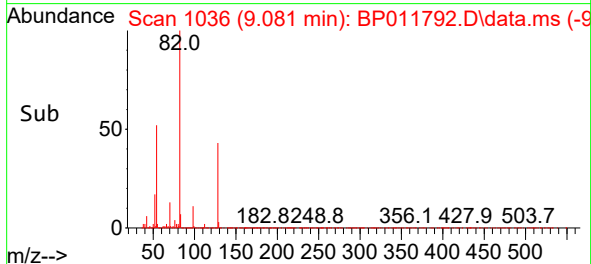
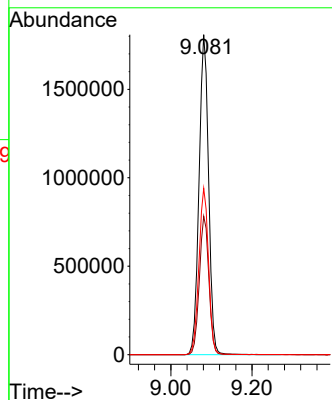
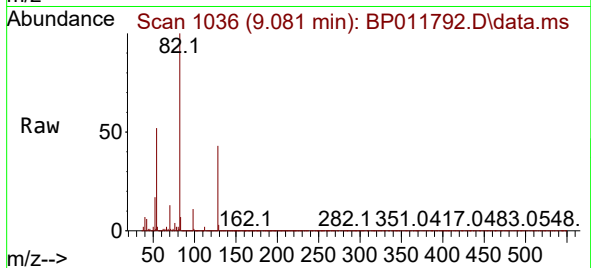
Tgt Ion: 82 Resp: 2972543

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.4

54 52.0 43.1 64.7



#26

2-Nitrophenol

Concen: 3.336 ng

RT: 9.816 min Scan# 1161

Delta R.T. -0.030 min

Lab File: BP011792.D

Acq: 23 Sep 2022 20:29

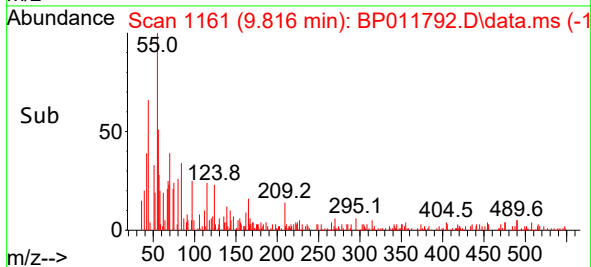
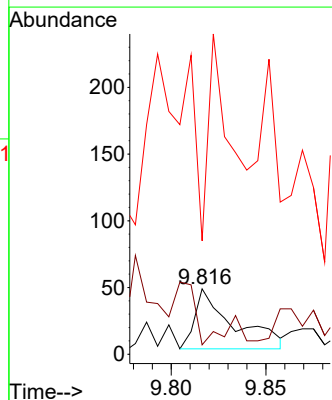
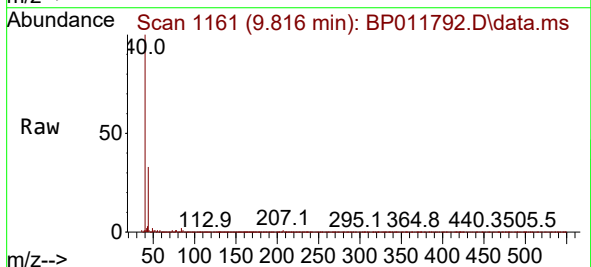
Tgt Ion:139 Resp: 64

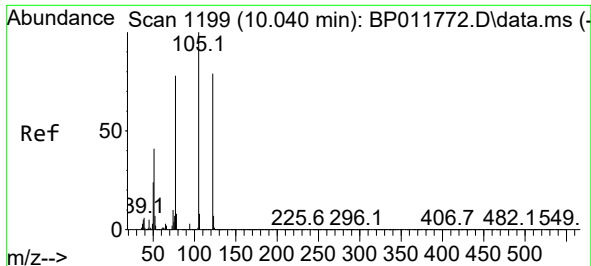
Ion Ratio Lower Upper

139 100

109 14.3 22.6 34.0#

65 173.5 44.7 67.1#

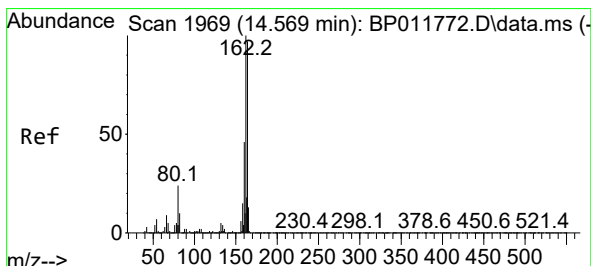
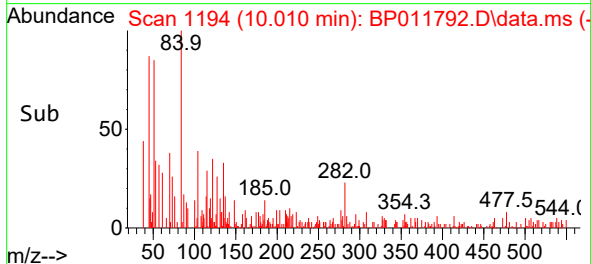
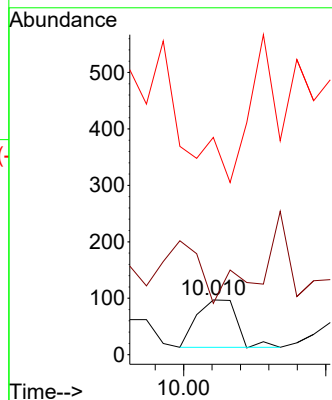
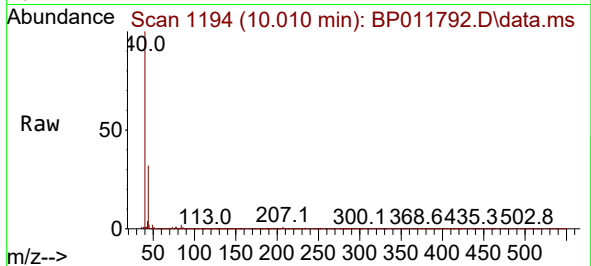




#32
Benzoic acid
Concen: 6.762 ng
RT: 10.010 min Scan# 1199
Delta R.T. -0.030 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

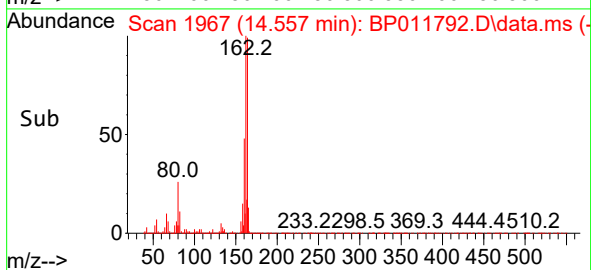
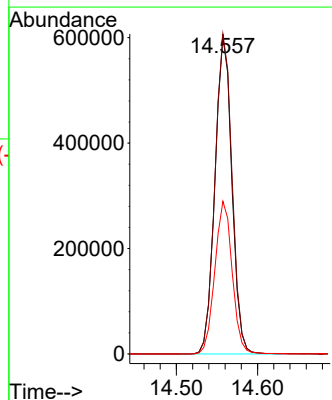
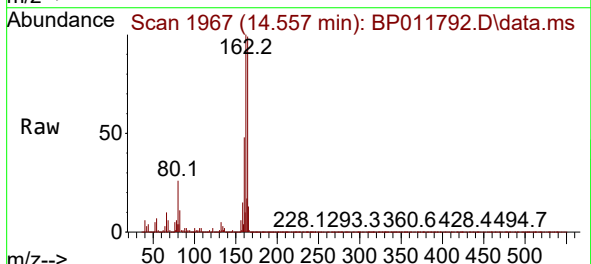
Instrument :
BNA_P
ClientSampleId :
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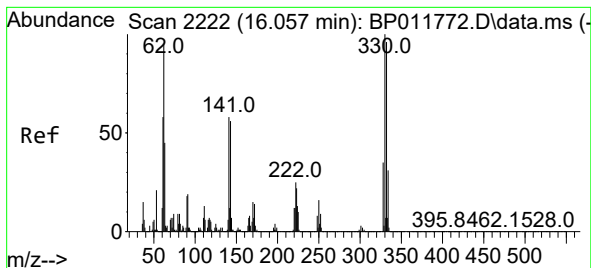
Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 93.8 101.0 141.0#
77 396.9 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Tgt Ion:164 Resp: 870409
Ion Ratio Lower Upper
164 100
162 101.0 82.5 123.7
160 48.2 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 187.088 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011792.D

Acq: 23 Sep 2022 20:29

Instrument :

BNA_P

ClientSampleId :

354

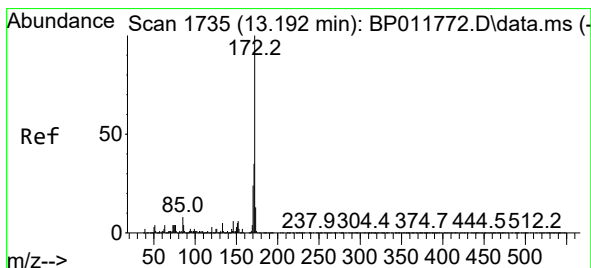
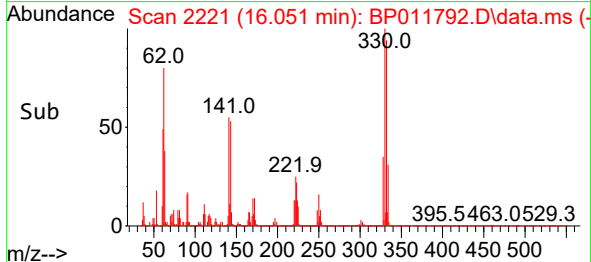
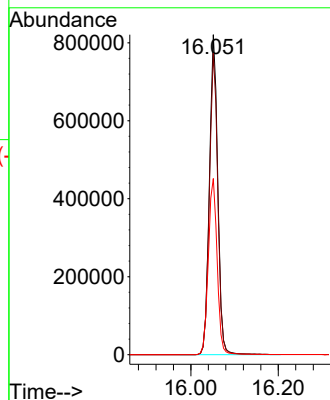
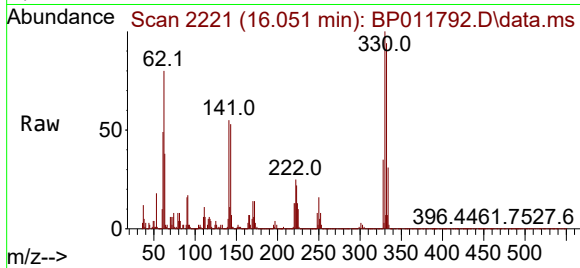
Tgt Ion:330 Resp: 1096498

Ion Ratio Lower Upper

330 100

332 94.9 76.6 114.8

141 58.0 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 106.531 ng

RT: 13.181 min Scan# 1733

Delta R.T. -0.012 min

Lab File: BP011792.D

Acq: 23 Sep 2022 20:29

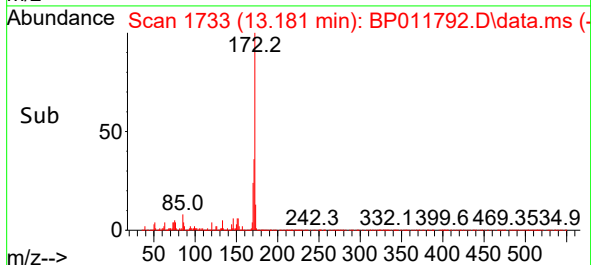
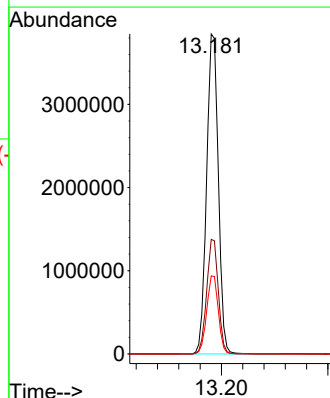
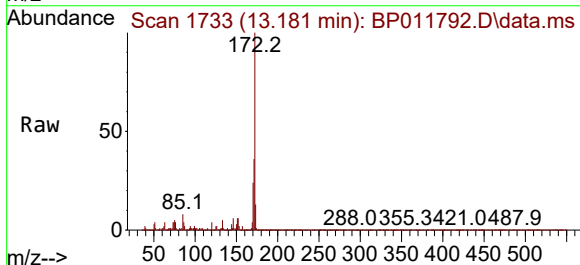
Tgt Ion:172 Resp: 5863524

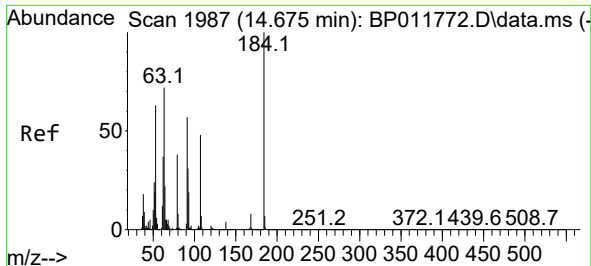
Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 24.4 19.5 29.3

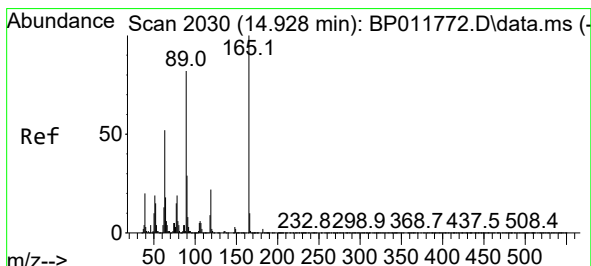
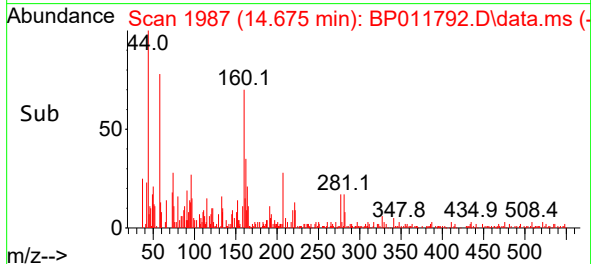
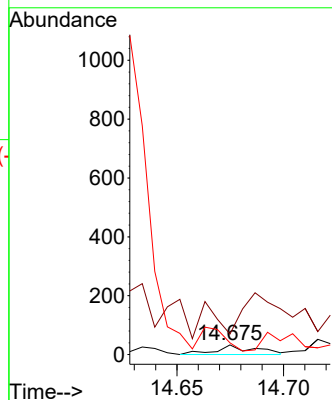
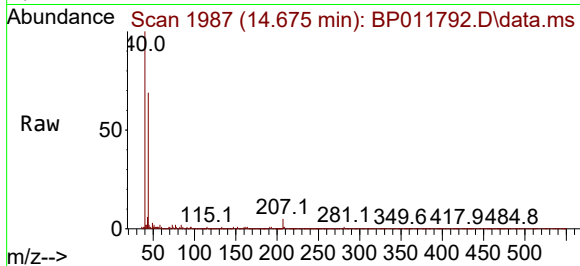




#54
2,4-Dinitrophenol
Concen: 6.732 ng
RT: 14.675 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

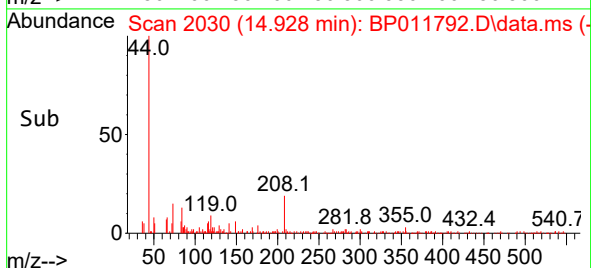
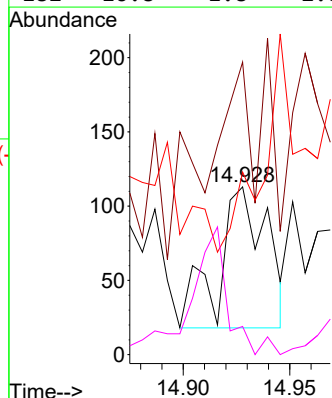
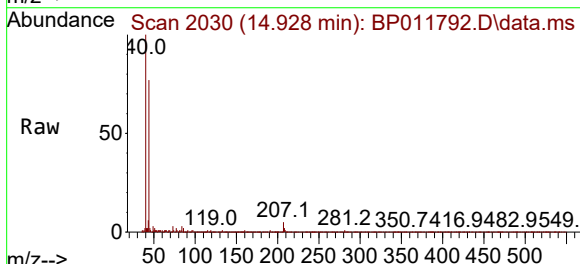
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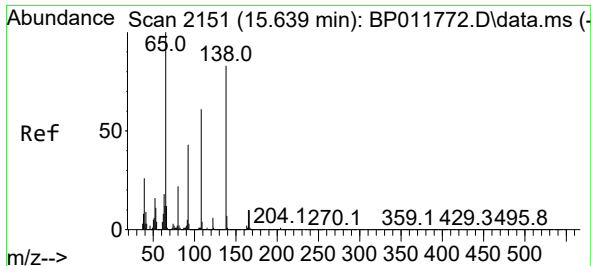
Tgt Ion:184 Resp: 42
Ion Ratio Lower Upper
184 100
63 212.1 65.7 98.5#
154 121.2 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.546 ng
RT: 14.928 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Tgt Ion:165 Resp: 150
Ion Ratio Lower Upper
165 100
63 174.3 41.4 62.2#
89 108.8 66.0 99.0#
182 16.8 1.8 2.8#

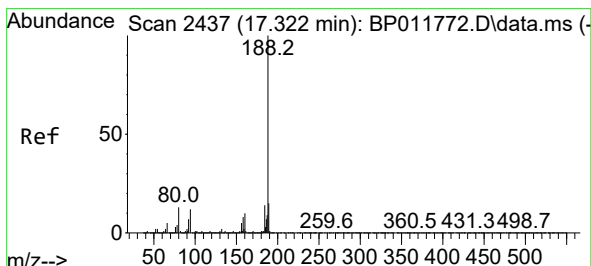
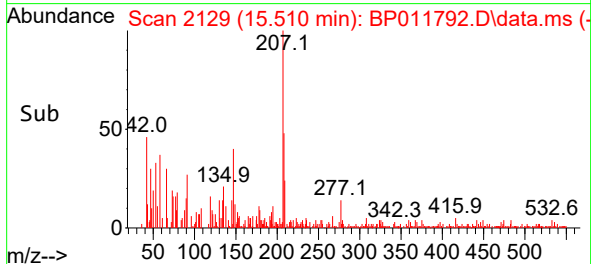
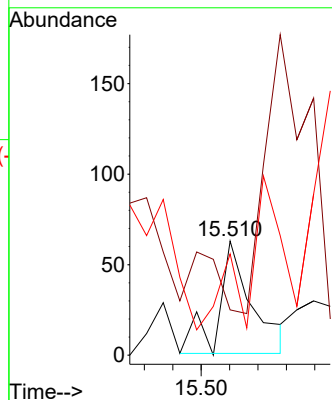
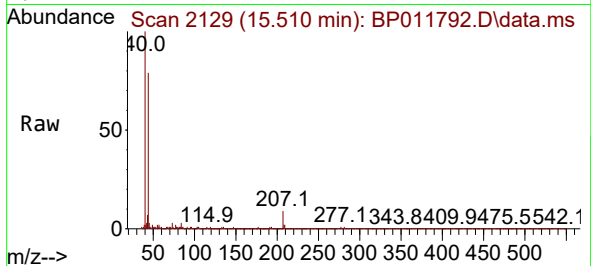




#62
4-Nitroaniline
Concen: 2.388 ng
RT: 15.510 min Scan# 2151
Delta R.T. -0.129 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

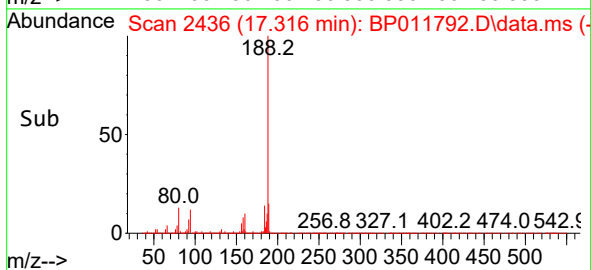
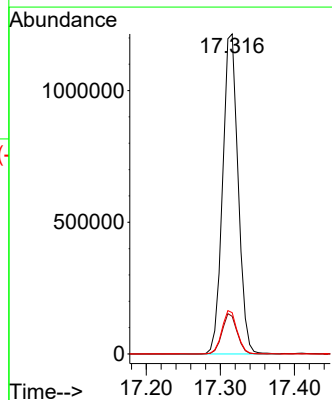
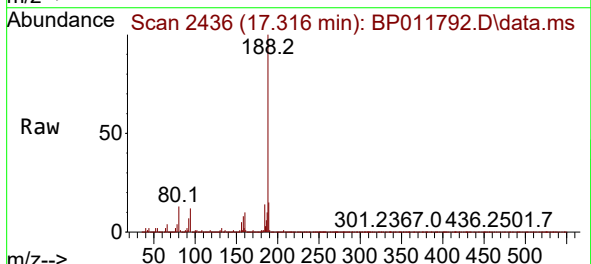
Instrument :
BNA_P
ClientSampleId :
354

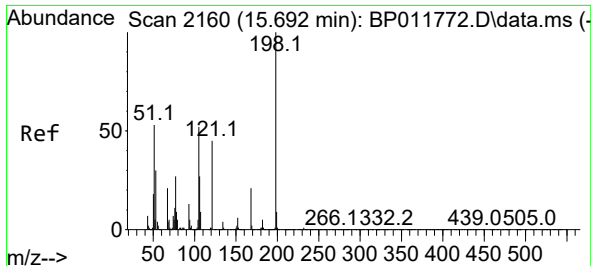
Tgt Ion:138	Resp:	52
Ion Ratio	Lower	Upper
138	100	
92	39.7	31.9 71.9
108	88.9	53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Tgt Ion:188	Resp:	1761143
Ion Ratio	Lower	Upper
188	100	
94	11.7	9.4 14.0
80	12.9	10.6 15.8

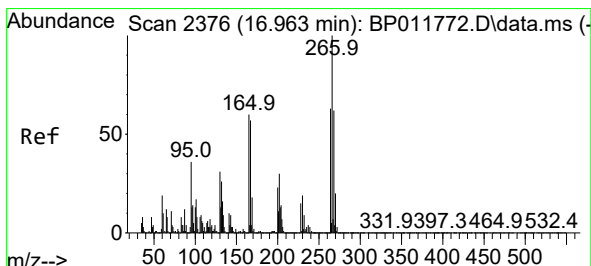
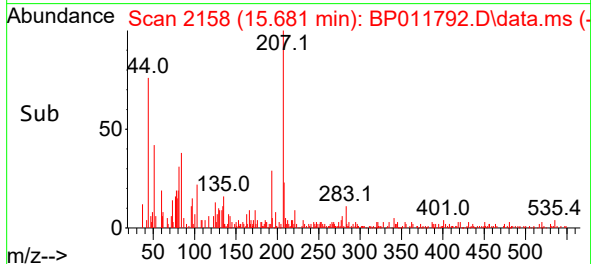
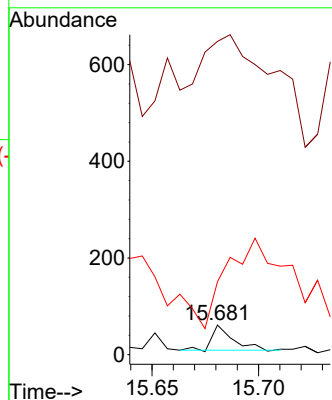
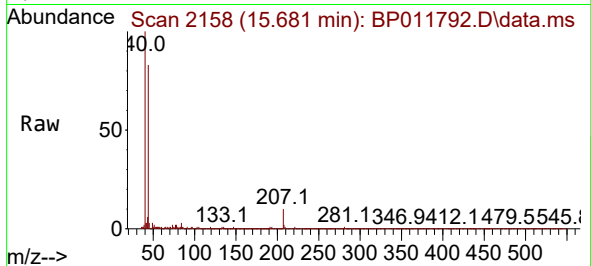




#65
4,6-Dinitro-2-methylphenol
Concen: 5.624 ng
RT: 15.681 min Scan# 2160
Delta R.T. -0.011 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

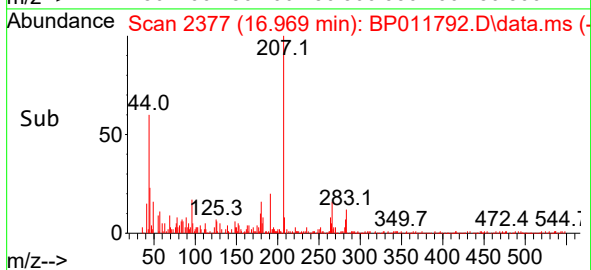
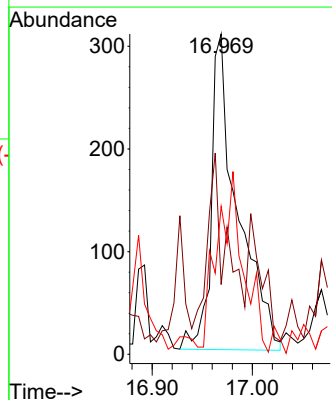
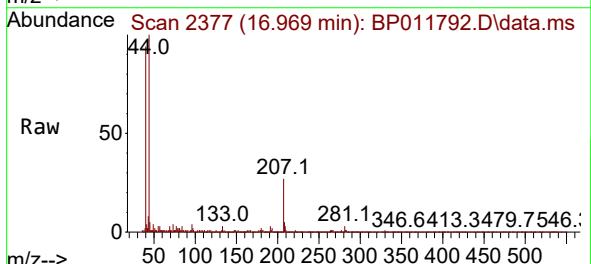
Instrument :
BNA_P
ClientSampleId :
354

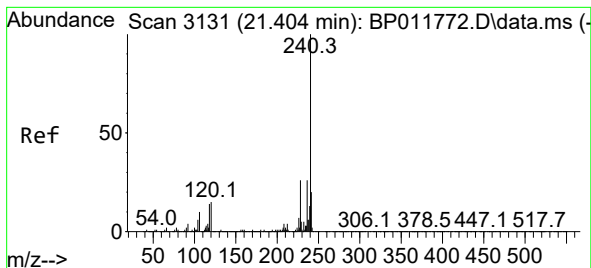
Tgt Ion:198 Resp: 36
Ion Ratio Lower Upper
198 100
51 1062.3 41.6 81.6#
105 247.5 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.432 ng
RT: 16.969 min Scan# 2377
Delta R.T. 0.006 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Tgt Ion:266 Resp: 560
Ion Ratio Lower Upper
266 100
268 21.8 49.7 74.5#
264 46.2 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: BP011792.D

Acq: 23 Sep 2022 20:29

Instrument :

BNA_P

ClientSampleId :

354

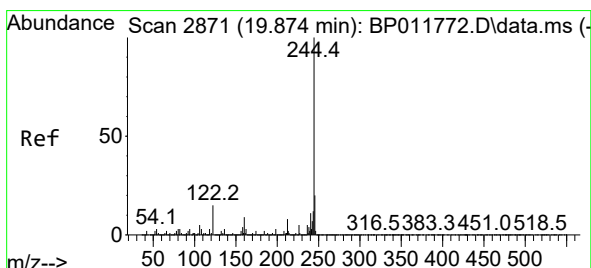
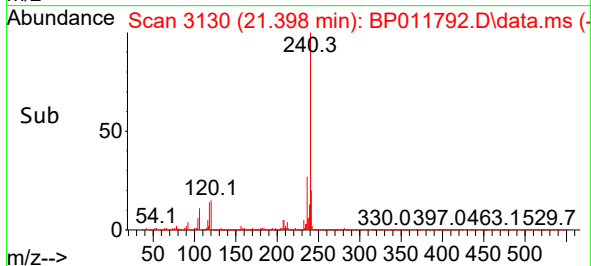
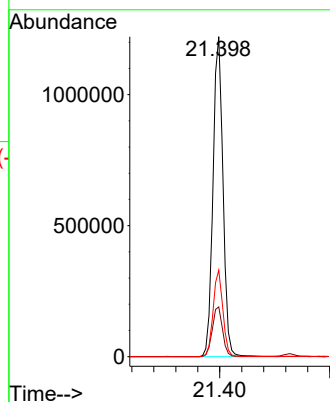
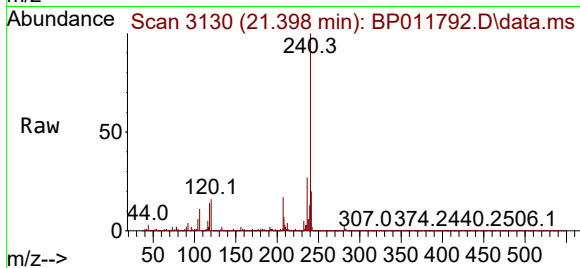
Tgt Ion:240 Resp: 1540715

Ion Ratio Lower Upper

240 100

120 15.5 12.0 18.0

236 27.0 21.1 31.7



#79

Terphenyl-d14

Concen: 123.883 ng

RT: 19.875 min Scan# 2871

Delta R.T. 0.000 min

Lab File: BP011792.D

Acq: 23 Sep 2022 20:29

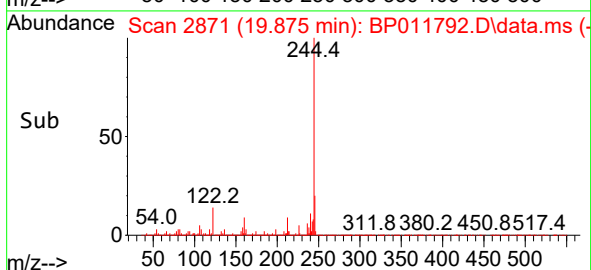
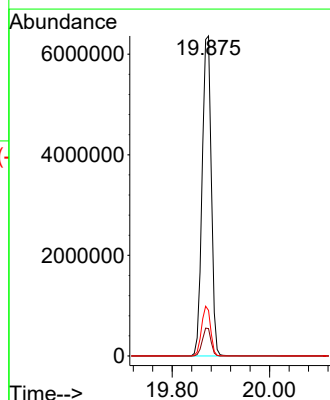
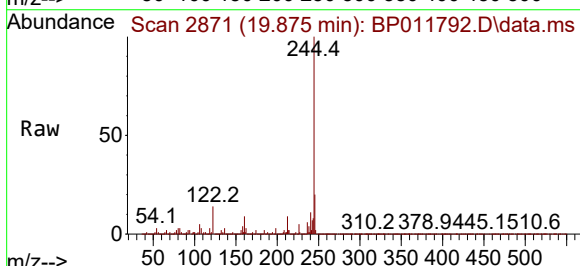
Tgt Ion:244 Resp: 8301026

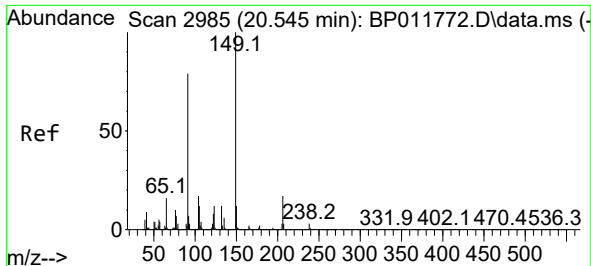
Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 14.2 11.8 17.8

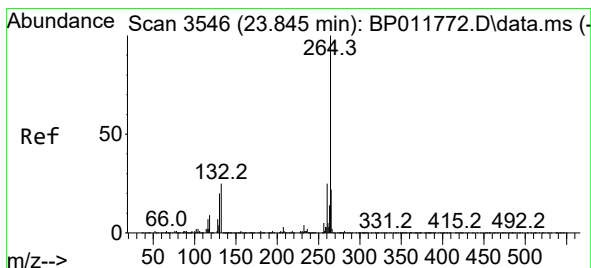
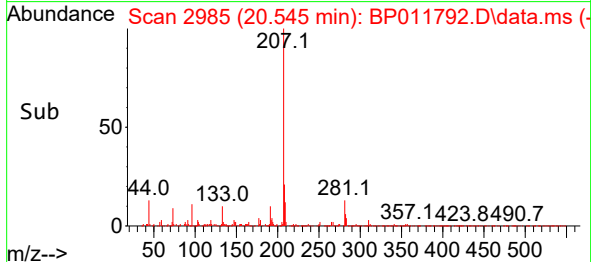
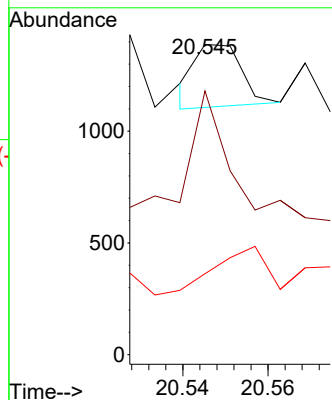
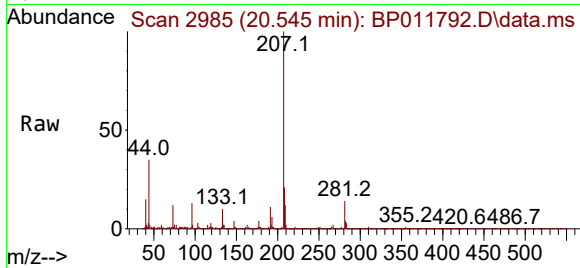




#80
Butylbenzylphthalate
Concen: 2.687 ng
RT: 20.545 min Scan# 2985
Delta R.T. 0.000 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Instrument :
BNA_P
ClientSampleId :
354

Tgt Ion:149 Resp: 211
Ion Ratio Lower Upper
149 100
91 85.0 63.1 94.7
206 26.1 13.6 20.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 3546
Delta R.T. 0.000 min
Lab File: BP011792.D
Acq: 23 Sep 2022 20:29

Tgt Ion:264 Resp: 1492634
Ion Ratio Lower Upper
264 100
260 25.2 19.7 29.5
265 22.6 17.8 26.8

