

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090622\
 Data File : BP011621.D
 Acq On : 06 Sep 2022 12:19
 Operator : CG/JU
 Sample : PB147377BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147377BL

Quant Time: Sep 07 03:39:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 03 04:07:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

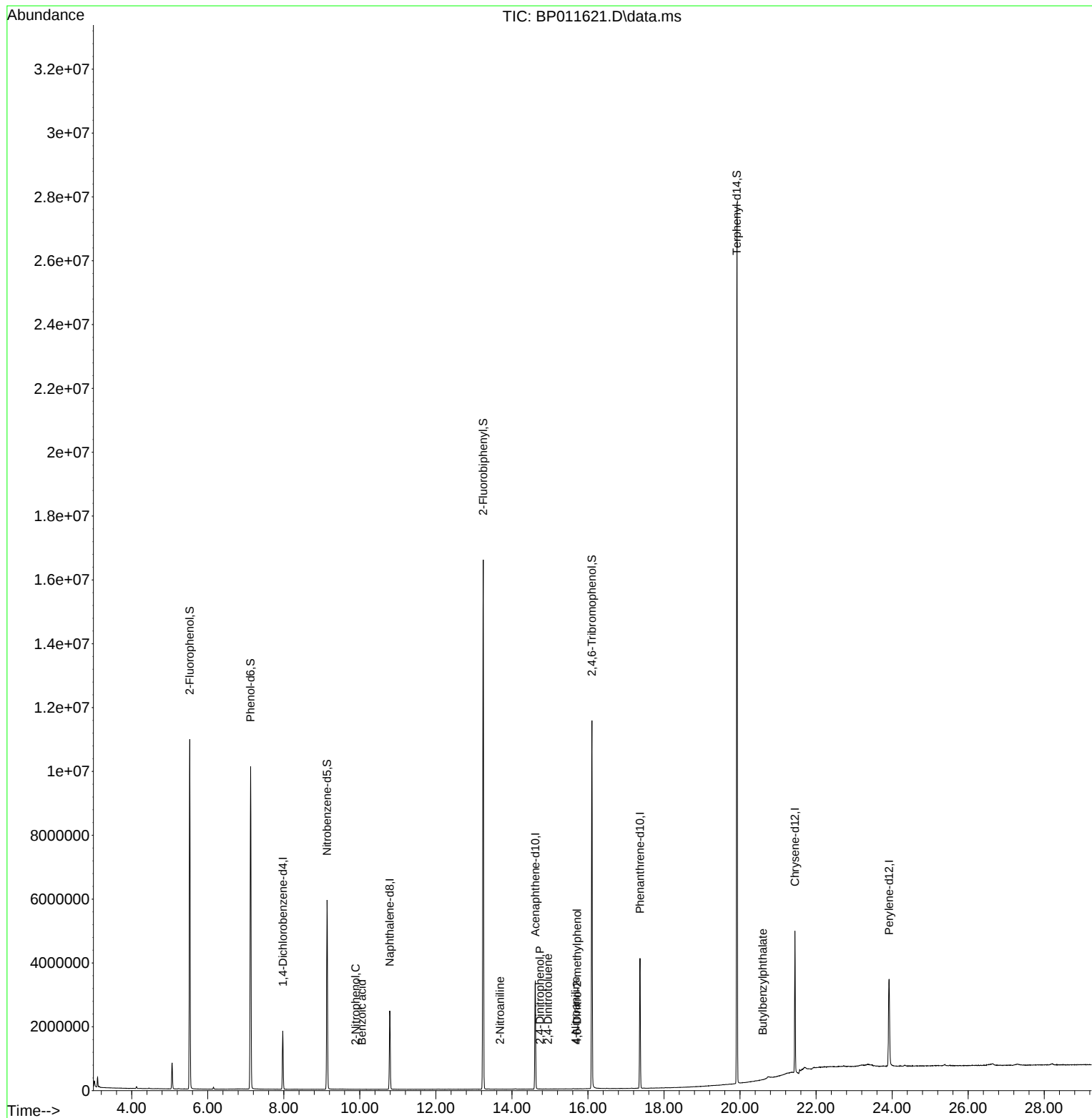
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	520165	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	2077701	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	1207918	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	2427159	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2116646	20.000	ng	0.00
86) Perylene-d12	23.921	264	2115821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	4974159	169.125	ng	0.00
7) Phenol-d6	7.128	99	6116564	157.169	ng	0.00
23) Nitrobenzene-d5	9.140	82	3418359	100.992	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	2251619	164.983	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	8513893	100.792	ng	0.00
79) Terphenyl-d14	19.916	244	11912908	117.882	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.893	139	20	4.891	ng	# 1
32) Benzoic acid	10.051	122	4	8.599	ng	# 1
48) 2-Nitroaniline	13.687	65	120	3.408	ng	# 40
54) 2,4-Dinitrophenol	14.734	184	8	6.453	ng	# 1
57) 2,4-Dinitrotoluene	14.951	165	61	3.646	ng	# 84
62) 4-Nitroaniline	15.675	138	34	2.646	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.716	198	19	7.891	ng	# 1
80) Butylbenzylphthalate	20.598	149	379	3.718	ng	# 62

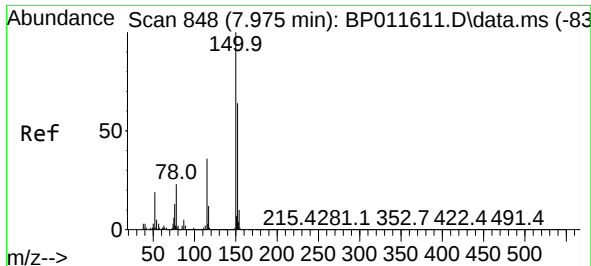
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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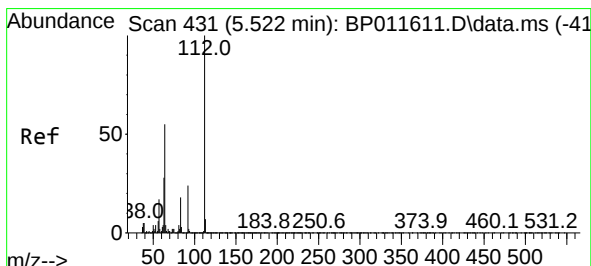
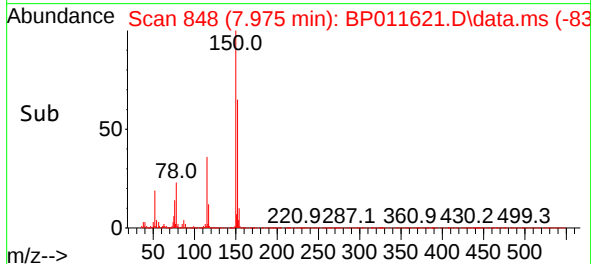
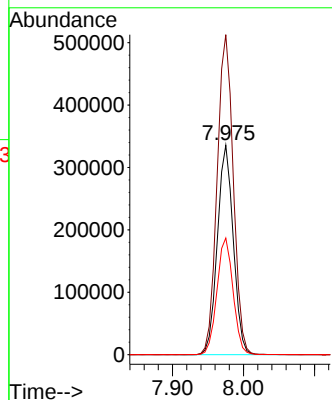
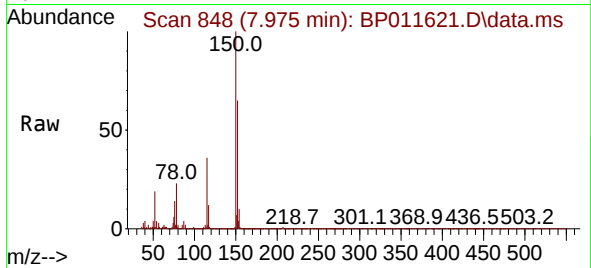




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

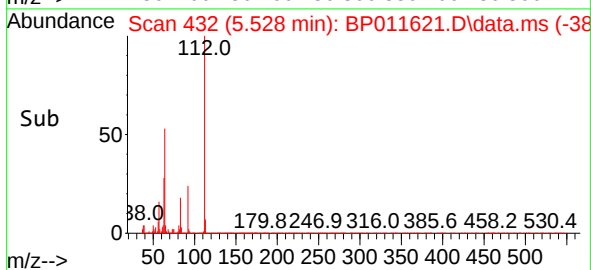
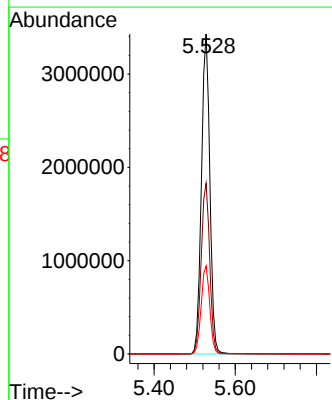
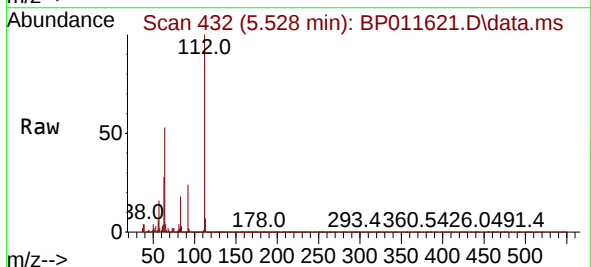
Instrument :
BNA_P
ClientSampleId :
PB147377BL

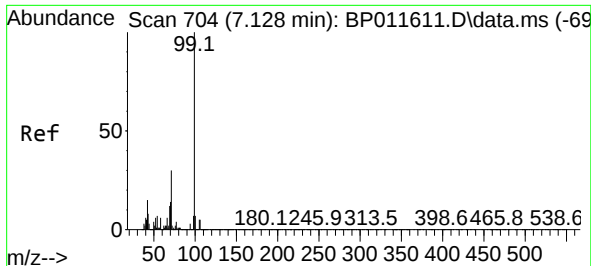
Tgt Ion:152 Resp: 520165
Ion Ratio Lower Upper
152 100
150 152.7 123.4 185.2
115 55.7 51.3 76.9



#5
2-Fluorophenol
Concen: 169.125 ng
RT: 5.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

Tgt Ion:112 Resp: 4974159
Ion Ratio Lower Upper
112 100
64 53.4 56.9 85.3#
63 27.5 31.2 46.8#



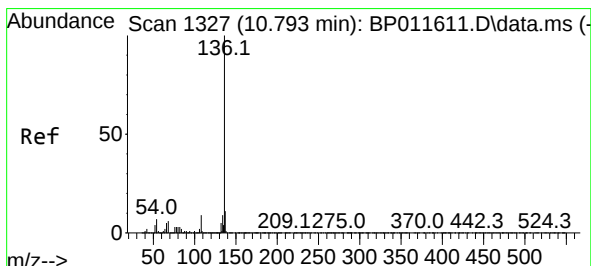
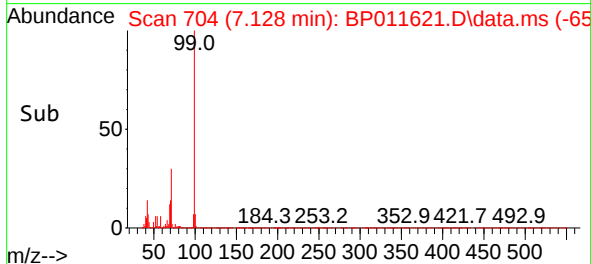
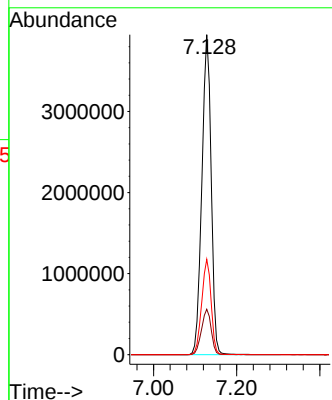
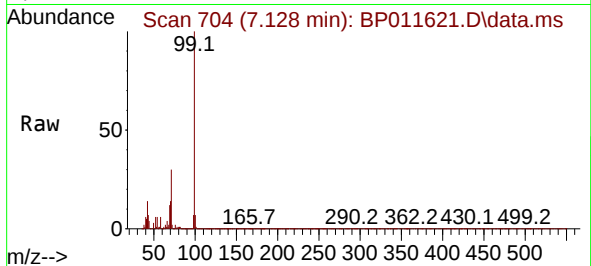


#7
Phenol-d6
Concen: 157.169 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

Instrument :
BNA_P
ClientSampleId :
PB147377BL

Tgt Ion: 99 Resp: 6116564

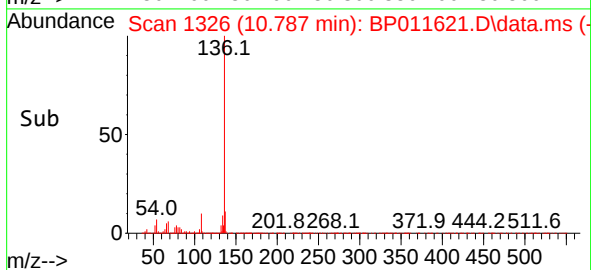
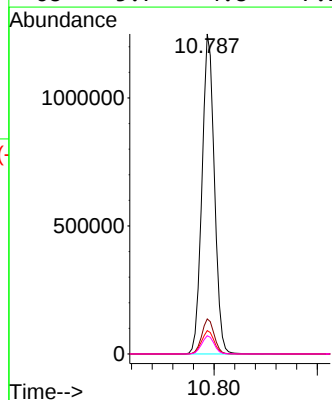
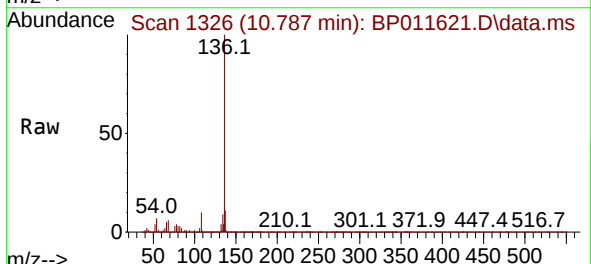
Ion	Ratio	Lower	Upper
99	100		
42	14.2	20.3	30.5#
71	29.8	33.9	50.9#

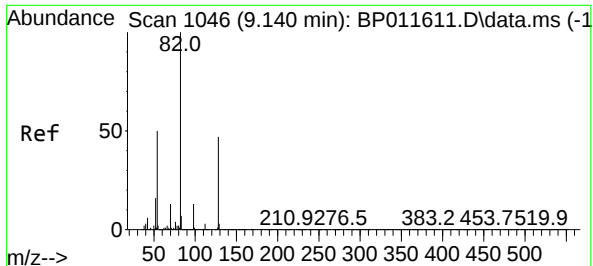


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

Tgt Ion:136 Resp: 2077701

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.3	8.7	13.1#
68	5.7	4.8	7.2

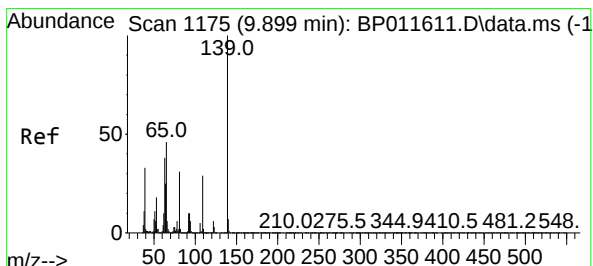
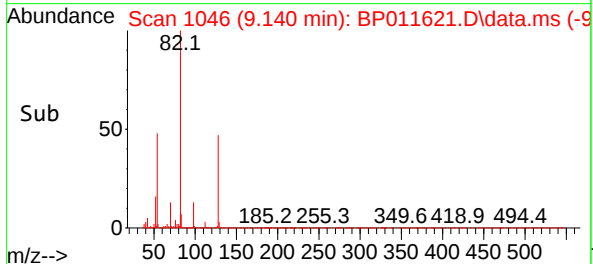
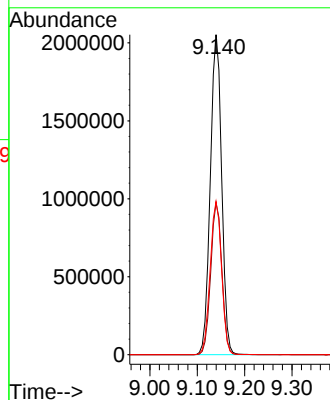
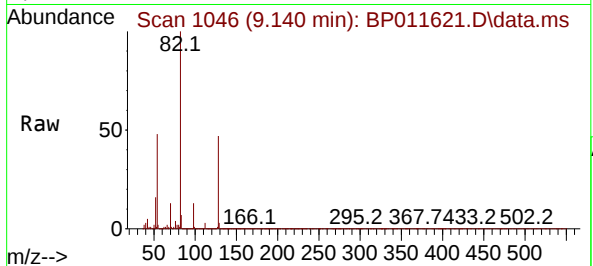




#23
Nitrobenzene-d5
Concen: 100.992 ng
RT: 9.140 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

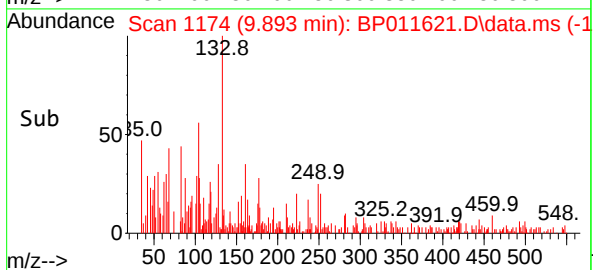
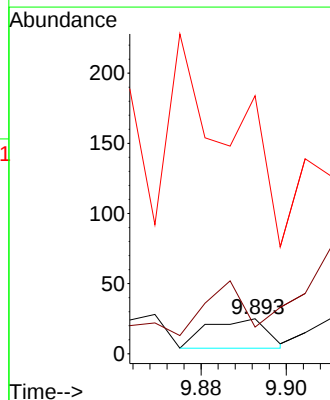
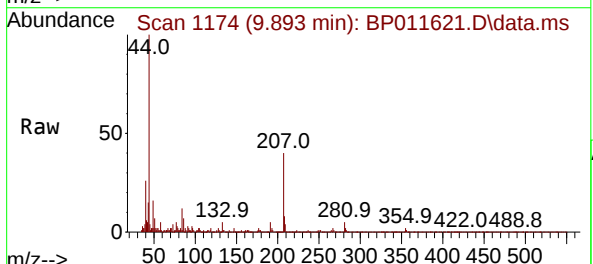
Instrument :
BNA_P
ClientSampleId :
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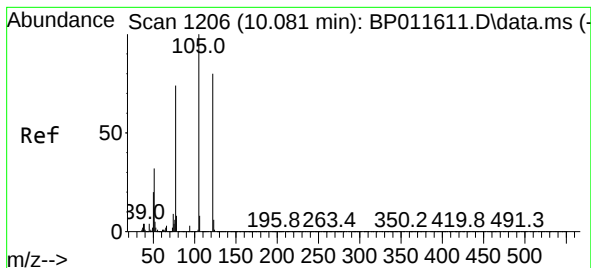
Tgt Ion: 82 Resp: 3418359
Ion Ratio Lower Upper
82 100
128 47.5 31.3 46.9#
54 47.9 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.891 ng
RT: 9.893 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 76.0 30.2 45.4#
65 736.0 52.2 78.2#





#32

Benzoic acid

Concen: 8.599 ng

RT: 10.051 min Scan# 11

Delta R.T. -0.030 min

Lab File: BP011621.D

Acq: 06 Sep 2022 12:19

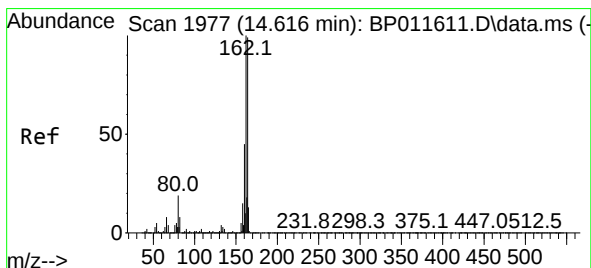
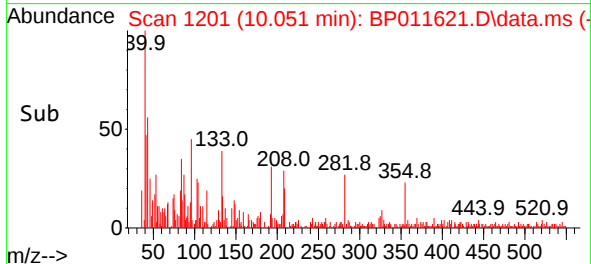
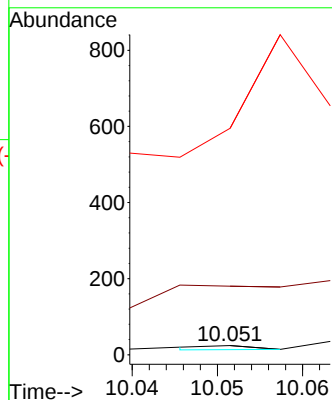
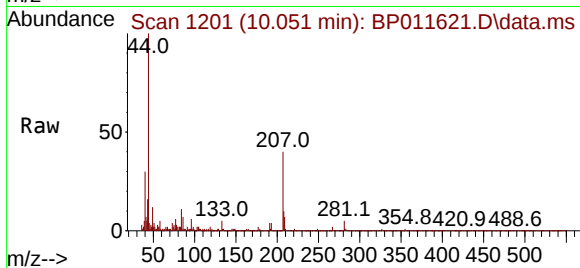
Instrument :

BNA_P

ClientSampleId :

PB147377BL

Tgt Ion:122	Resp:	4
Ion Ratio	Lower	Upper
122	100	
105	750.0	112.6 152.6#
77	2479.2	90.2 130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

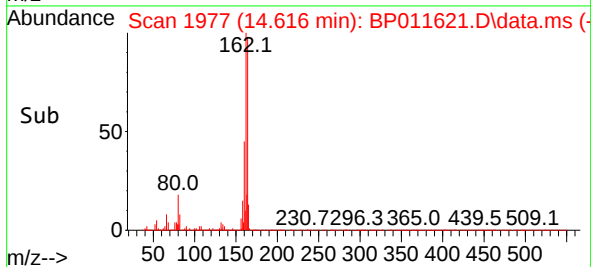
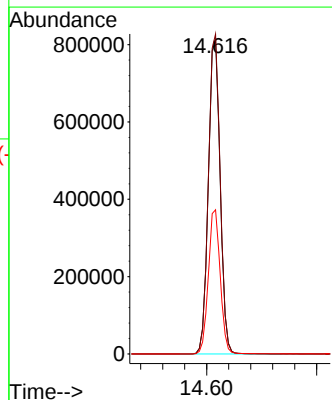
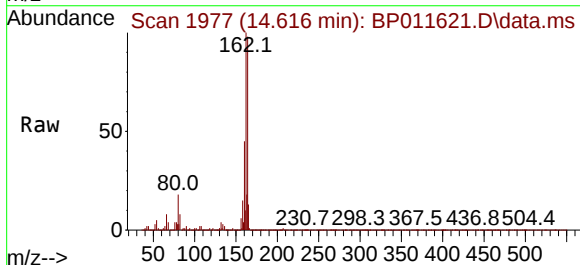
RT: 14.616 min Scan# 1977

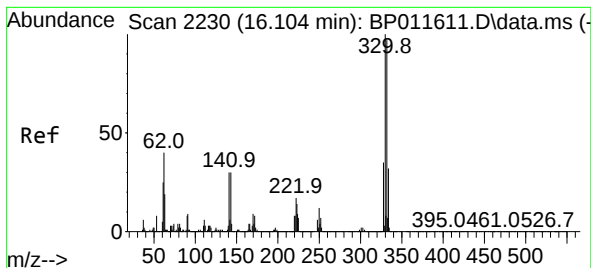
Delta R.T. -0.000 min

Lab File: BP011621.D

Acq: 06 Sep 2022 12:19

Tgt Ion:164	Resp:	1207918
Ion Ratio	Lower	Upper
164	100	
162	101.9	81.9 122.9
160	45.9	34.6 51.8

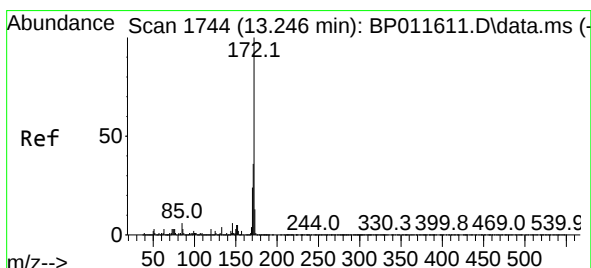
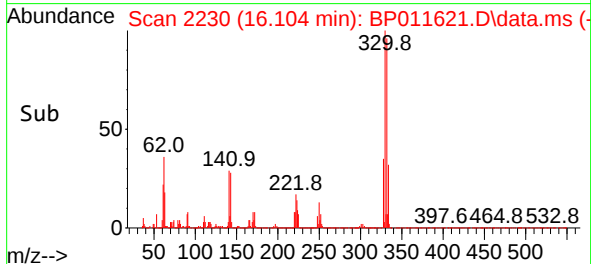
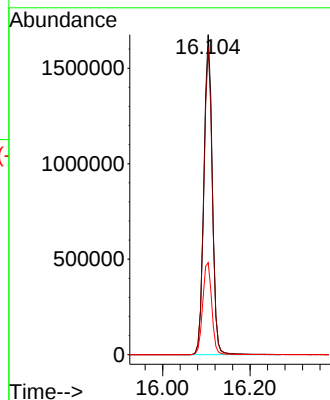
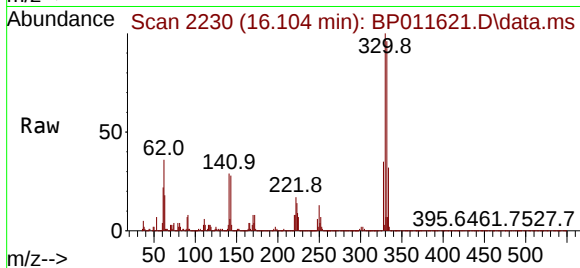




#42
2,4,6-Tribromophenol
Concen: 164.983 ng
RT: 16.104 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

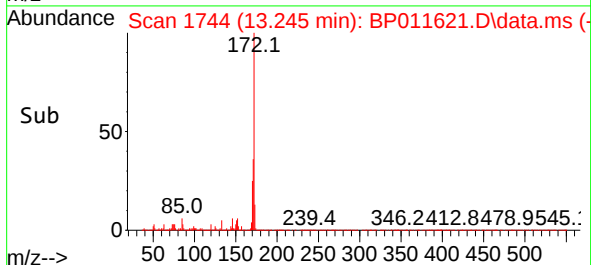
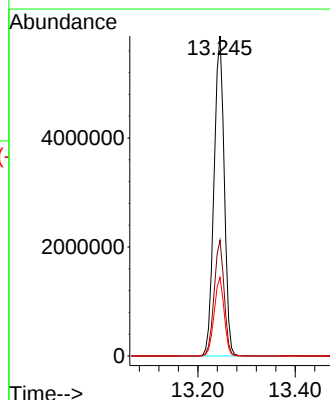
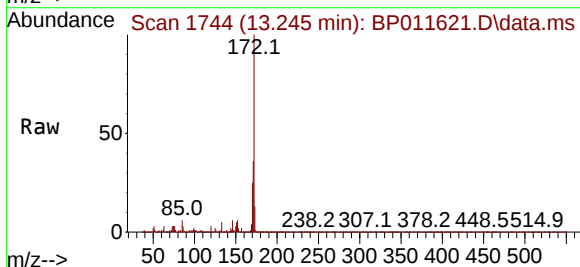
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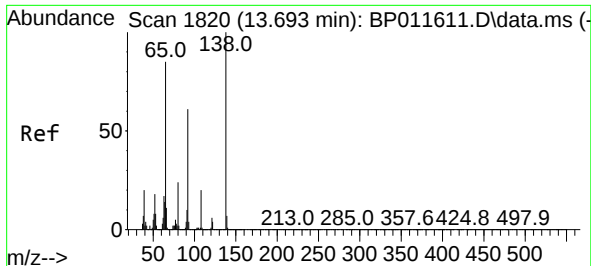
Tgt Ion:330 Resp: 2251619
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 30.9 31.4 47.2#



#45
2-Fluorobiphenyl
Concen: 100.792 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

Tgt Ion:172 Resp: 8513893
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 24.6 18.2 27.2

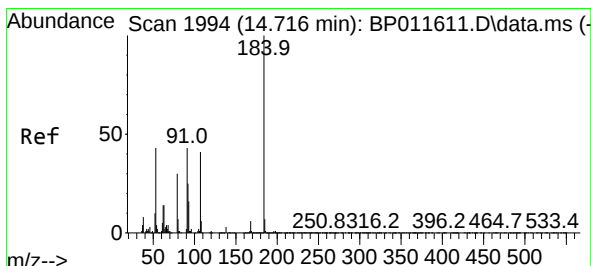
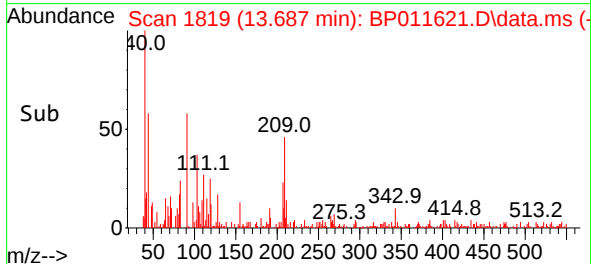
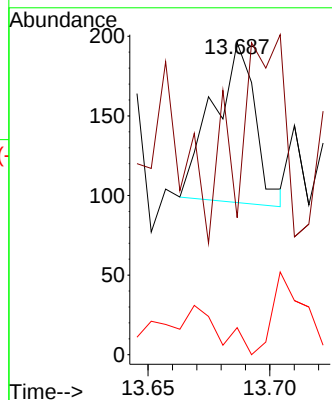
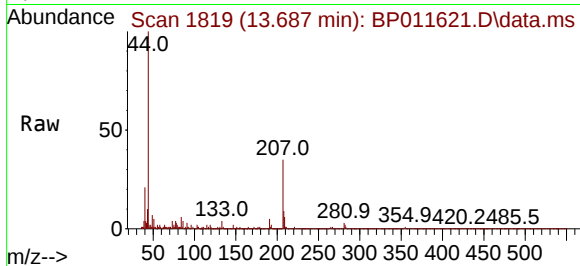




#48
2-Nitroaniline
Concen: 3.408 ng
RT: 13.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

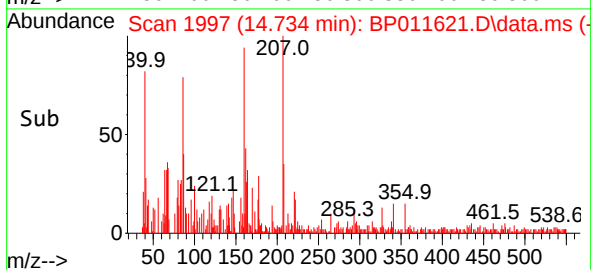
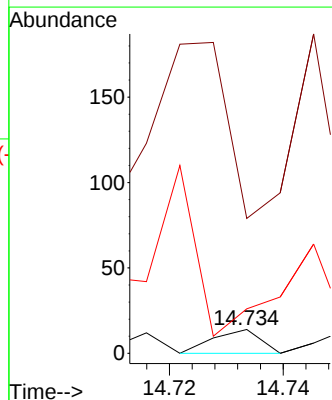
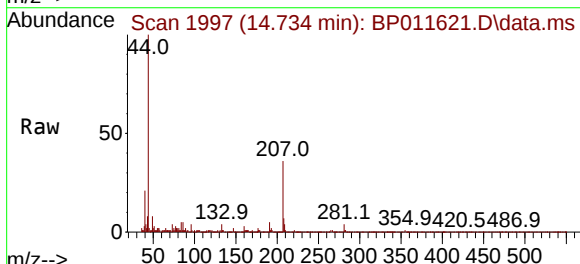
Instrument :
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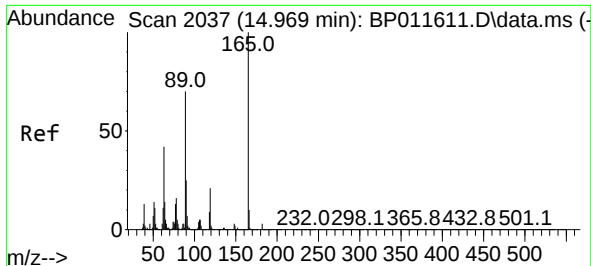
Tgt Ion: 65 Resp: 120
Ion Ratio Lower Upper
65 100
92 43.9 50.0 75.0#
138 8.7 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.453 ng
RT: 14.734 min Scan# 1997
Delta R.T. 0.018 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

Tgt Ion: 184 Resp: 8
Ion Ratio Lower Upper
184 100
63 564.3 65.4 98.2#
154 185.7 55.4 83.2#

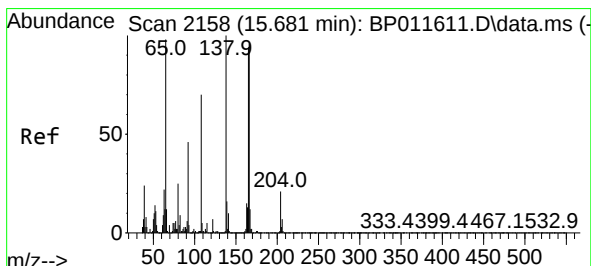
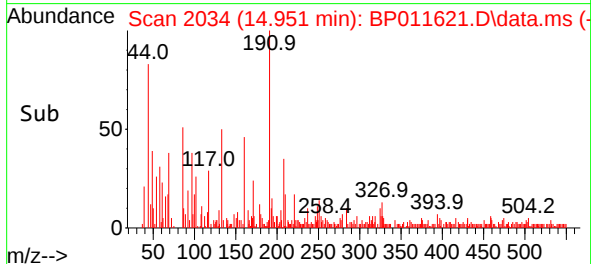
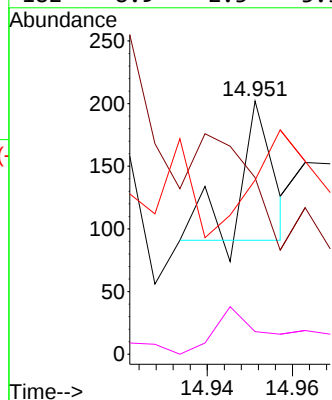
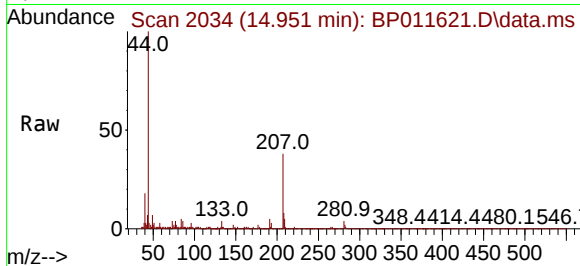




#57
2,4-Dinitrotoluene
Concen: 3.646 ng
RT: 14.951 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

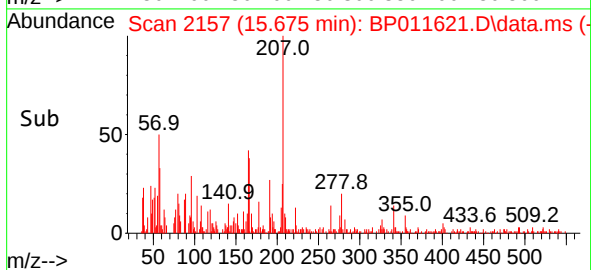
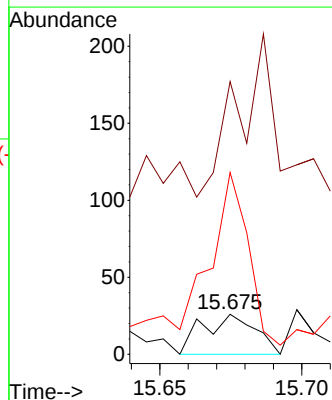
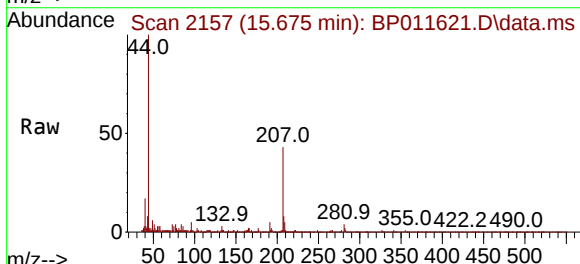
Instrument :
BNA_P
ClientSampleId :
PB147377BL

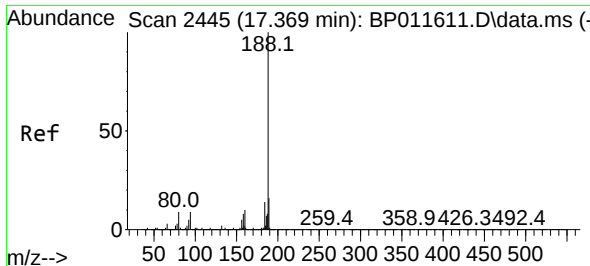
Tgt Ion:165	Resp:	61
Ion	Ratio	Lower Upper
165	100	
63	69.8	46.2 69.2#
89	68.8	65.8 98.8
182	8.9	2.3 3.5#



#62
4-Nitroaniline
Concen: 2.646 ng
RT: 15.675 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

Tgt Ion:138	Resp:	34
Ion	Ratio	Lower Upper
138	100	
92	680.8	38.0 78.0#
108	453.8	77.6 117.6#

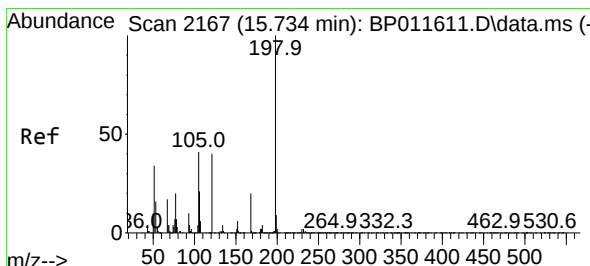
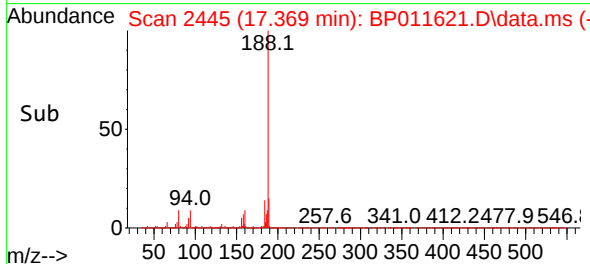
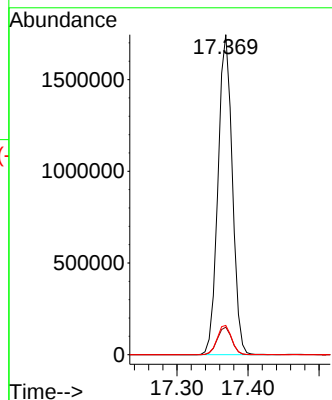
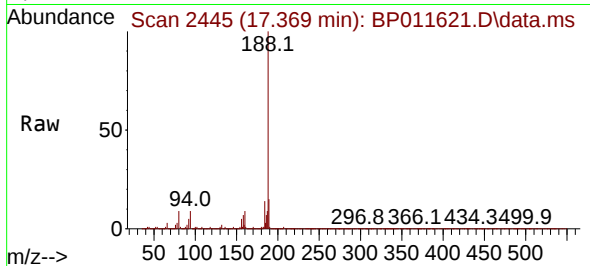




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

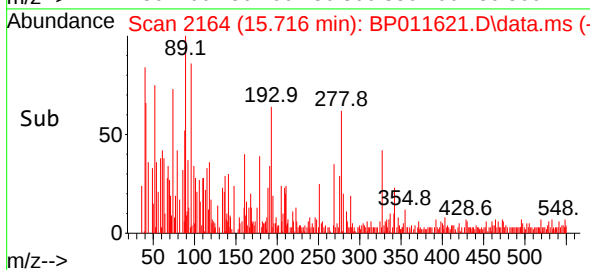
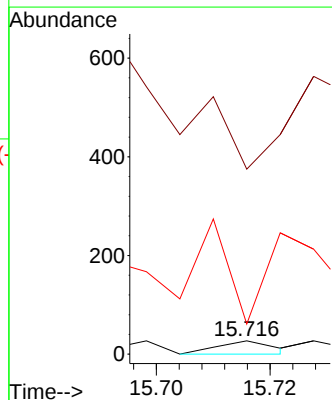
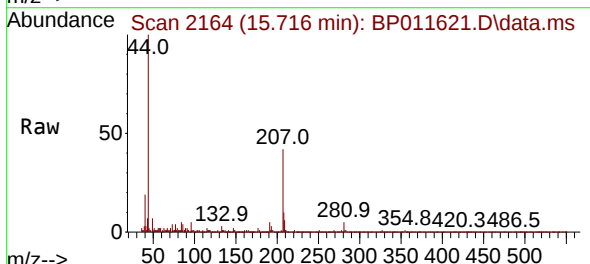
Instrument :
BNA_P
ClientSampleId :
PB147377BL

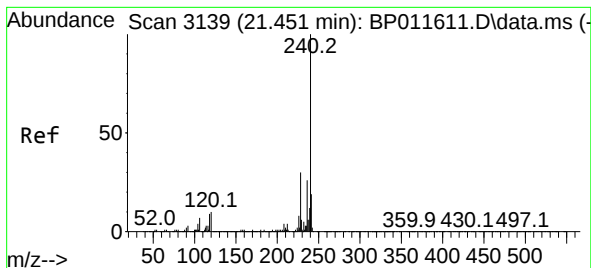
Tgt Ion:188 Resp: 2427159
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.2 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.891 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.018 min
Lab File: BP011621.D
Acq: 06 Sep 2022 12:19

Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 750.0 41.2 81.2#
105 122.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011621.D

Acq: 06 Sep 2022 12:19

Instrument :

BNA_P

ClientSampleId :

PB147377BL

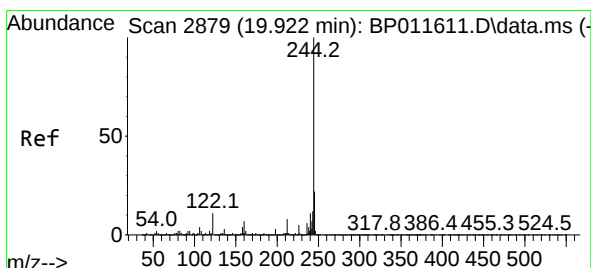
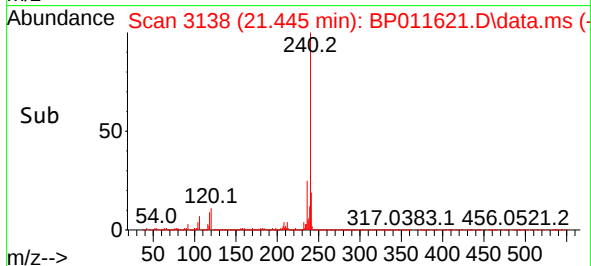
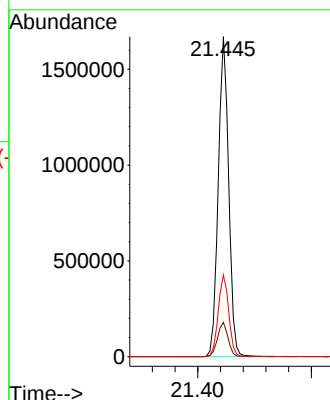
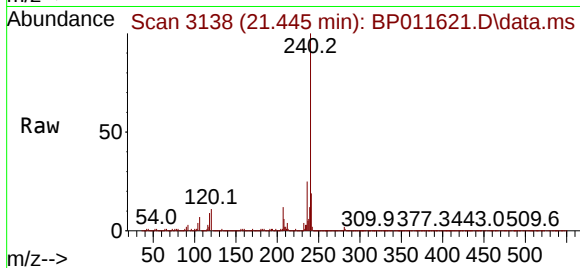
Tgt Ion:240 Resp: 2116646

Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

236 25.5 19.8 29.6



#79

Terphenyl-d14

Concen: 117.882 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP011621.D

Acq: 06 Sep 2022 12:19

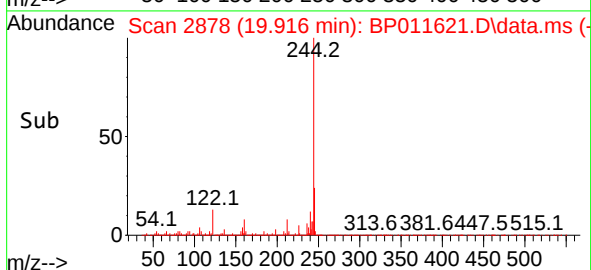
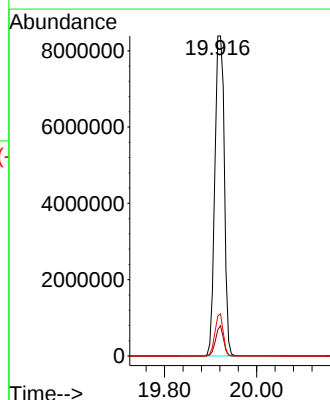
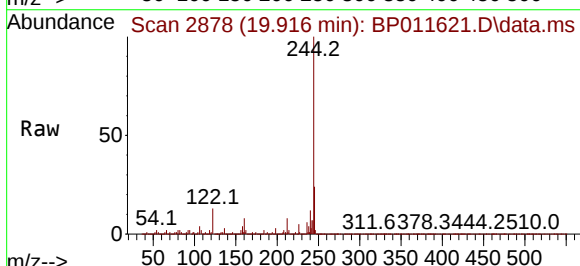
Tgt Ion:244 Resp:11912908

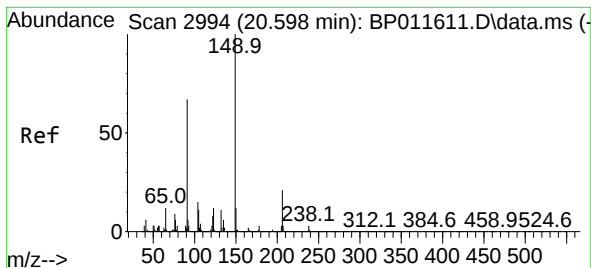
Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

122 12.5 7.6 11.4#





#80

Butylbenzylphthalate

Concen: 3.718 ng

RT: 20.598 min Scan# 2994

Delta R.T. -0.000 min

Lab File: BP011621.D

Acq: 06 Sep 2022 12:19

Instrument :

BNA_P

ClientSampleId :

PB147377BL

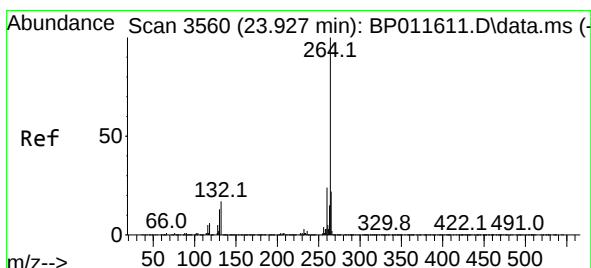
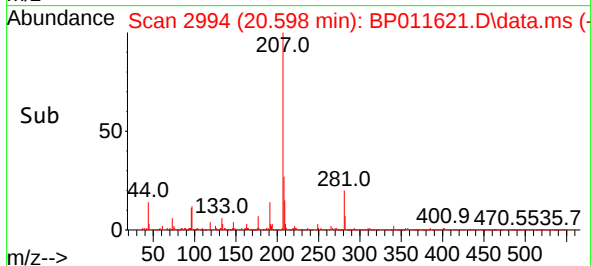
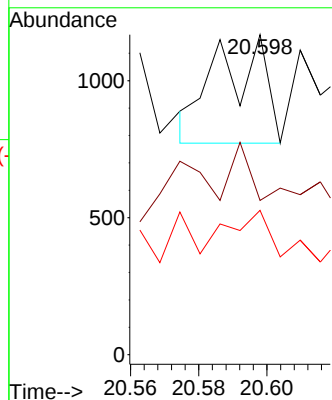
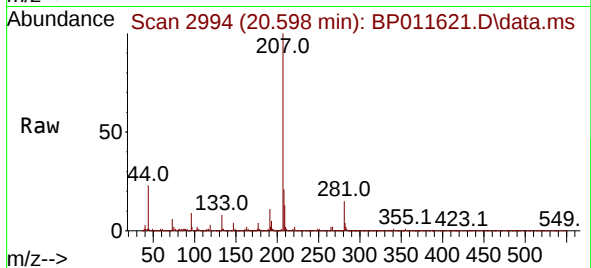
Tgt Ion:149 Resp: 379

Ion Ratio Lower Upper

149 100

91 48.2 62.5 93.7#

206 45.1 17.0 25.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3559

Delta R.T. -0.006 min

Lab File: BP011621.D

Acq: 06 Sep 2022 12:19

Tgt Ion:264 Resp: 2115821

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.6 18.0 27.0

