

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090822\
 Data File : BP011655.D
 Acq On : 08 Sep 2022 14:24
 Operator : CG/JU
 Sample : PB147534BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147534BL

Quant Time: Sep 09 04:27:28 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)

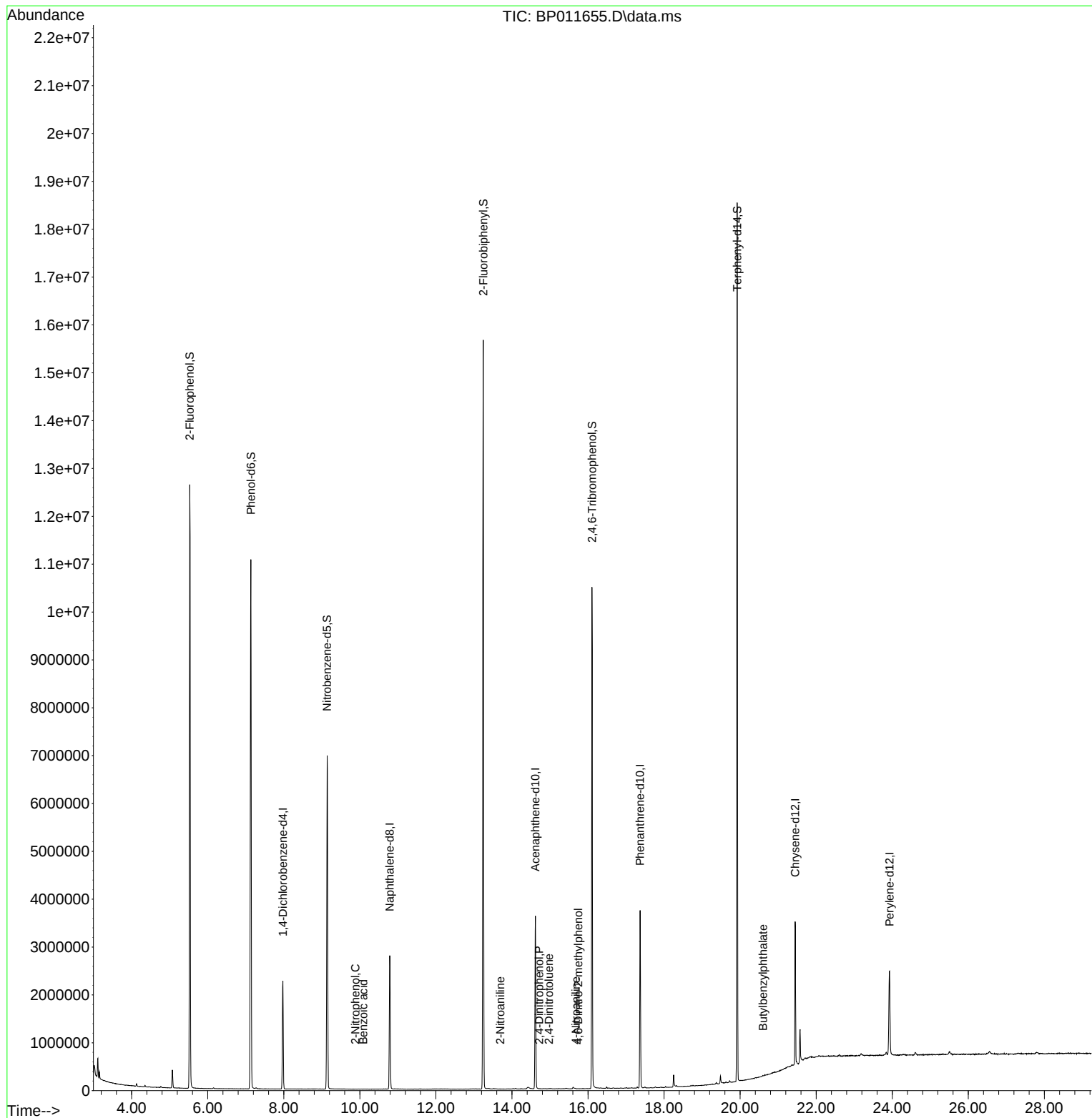
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	638398	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	2428504	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	1235300	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	2134100	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1445521	20.000	ng	0.00
86) Perylene-d12	23.927	264	1335532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	5959232	165.093	ng	0.00
7) Phenol-d6	7.134	99	7112596	148.915	ng	0.00
23) Nitrobenzene-d5	9.140	82	4144171	104.750	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1858814	133.182	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	8435893	97.655	ng	0.00
79) Terphenyl-d14	19.922	244	8448323	122.412	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	150	4.897	ng	# 63
32) Benzoic acid	10.087	122	229	8.608	ng	# 81
48) 2-Nitroaniline	13.693	65	230	3.413	ng	# 54
54) 2,4-Dinitrophenol	14.716	184	260	6.485	ng	# 38
57) 2,4-Dinitrotoluene	14.969	165	800	3.674	ng	# 80
62) 4-Nitroaniline	15.681	138	495	2.666	ng	92
65) 4,6-Dinitro-2-methylph...	15.740	198	85	7.897	ng	# 1
80) Butylbenzylphthalate	20.598	149	2977	3.783	ng	# 85

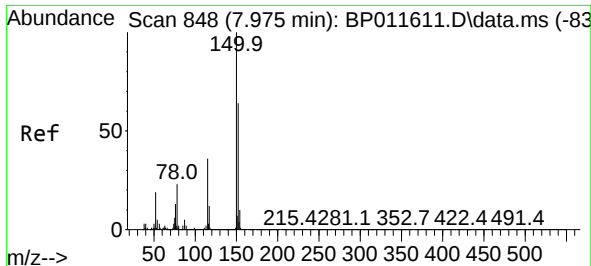
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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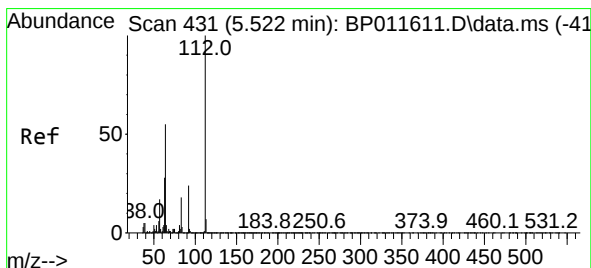
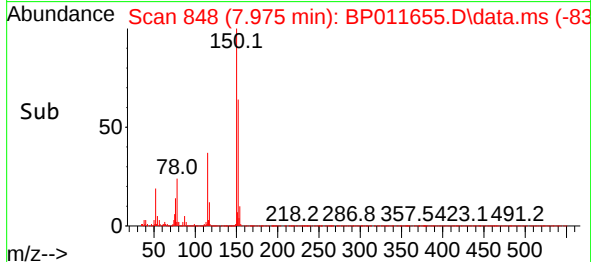
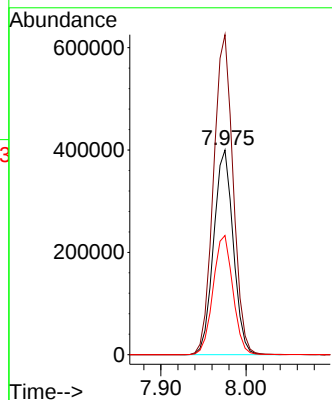
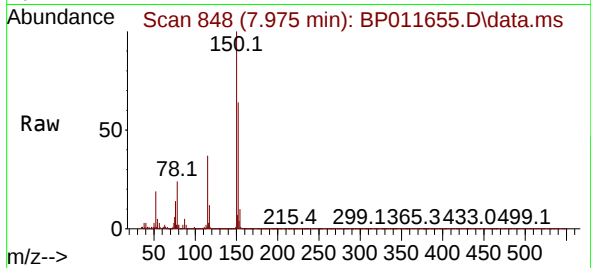




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

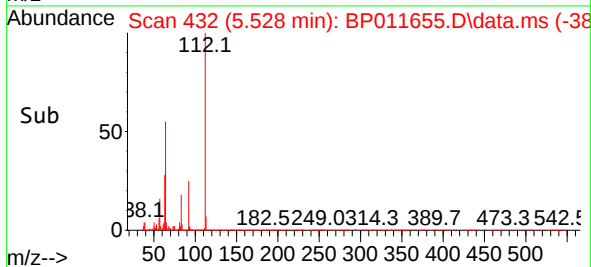
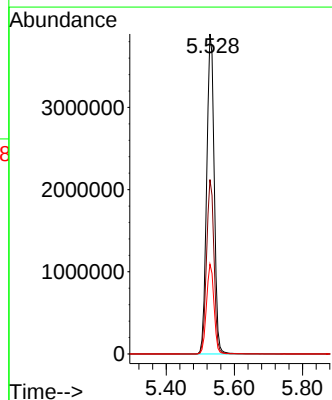
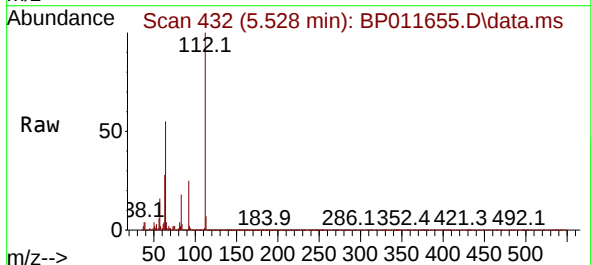
Instrument :
BNA_P
ClientSampleId :
PB147534BL

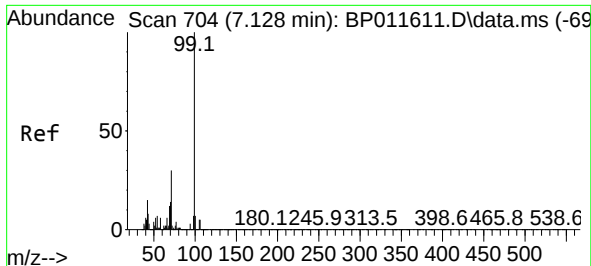
Tgt Ion:152 Resp: 638398
Ion Ratio Lower Upper
152 100
150 156.4 123.4 185.2
115 58.3 51.3 76.9



#5
2-Fluorophenol
Concen: 165.093 ng
RT: 5.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

Tgt Ion:112 Resp: 5959232
Ion Ratio Lower Upper
112 100
64 54.5 56.9 85.3#
63 28.1 31.2 46.8#

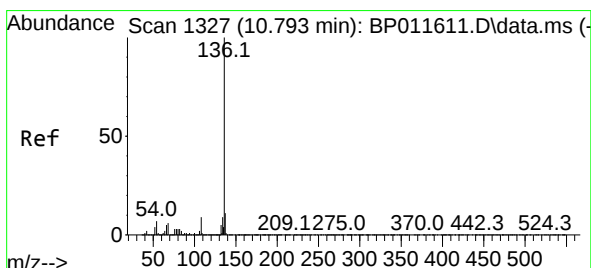
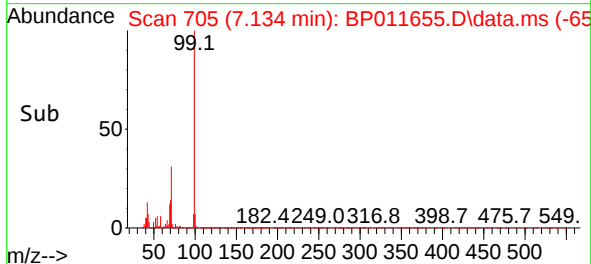
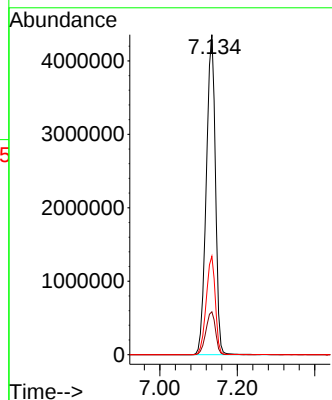
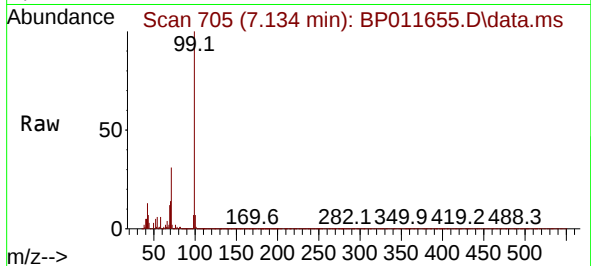




#7
Phenol-d6
Concen: 148.915 ng
RT: 7.134 min Scan# 704
Delta R.T. 0.006 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

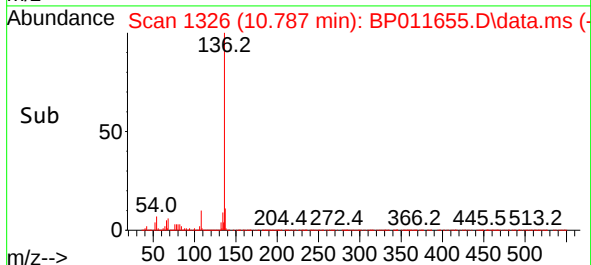
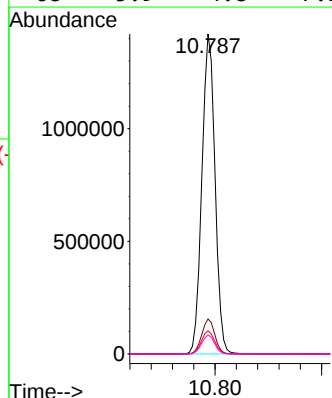
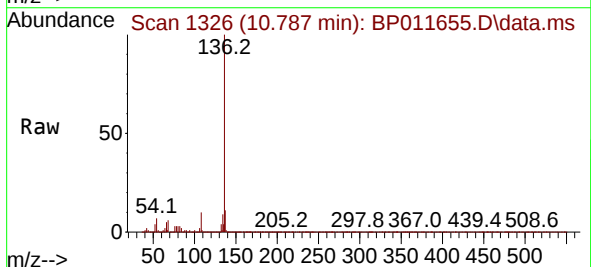
Instrument :
BNA_P
ClientSampleId :
PB147534BL

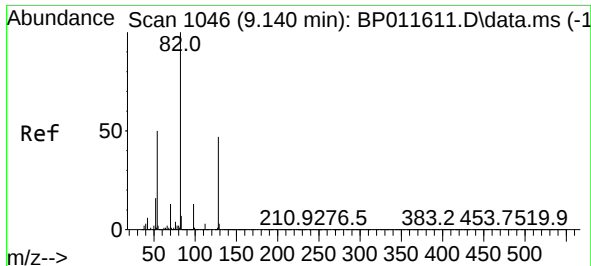
Tgt Ion: 99 Resp: 7112596
Ion Ratio Lower Upper
99 100
42 13.4 20.3 30.5#
71 30.8 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

Tgt Ion: 136 Resp: 2428504
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.2 8.7 13.1#
68 5.9 4.8 7.2

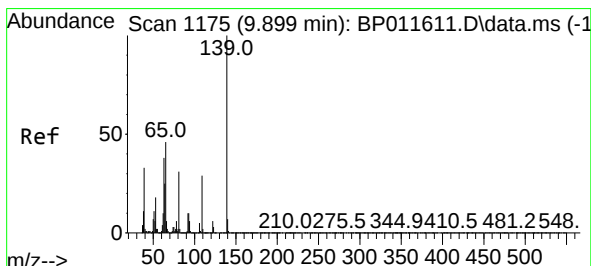
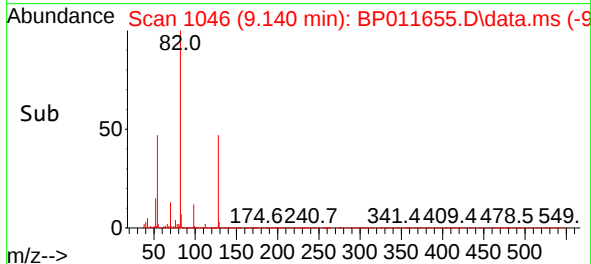
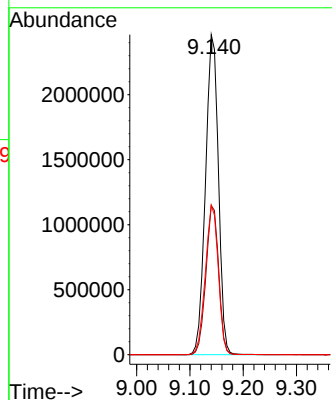
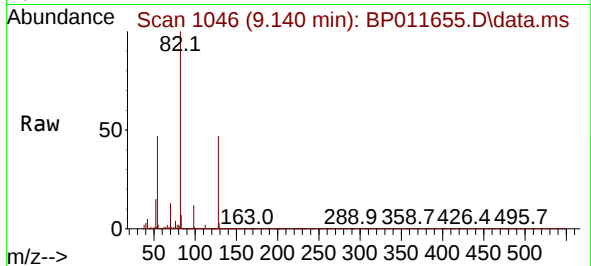




#23
Nitrobenzene-d5
Concen: 104.750 ng
RT: 9.140 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

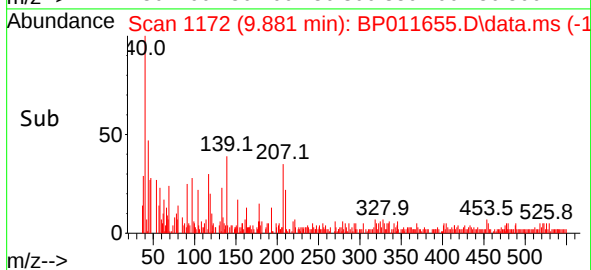
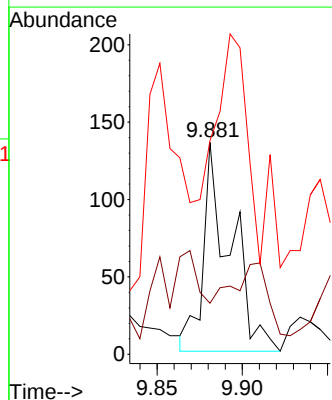
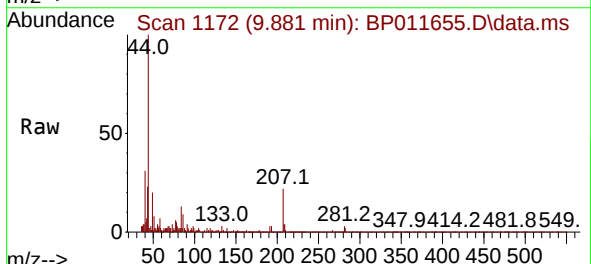
Instrument :
BNA_P
ClientSampleId :
PB147534BL

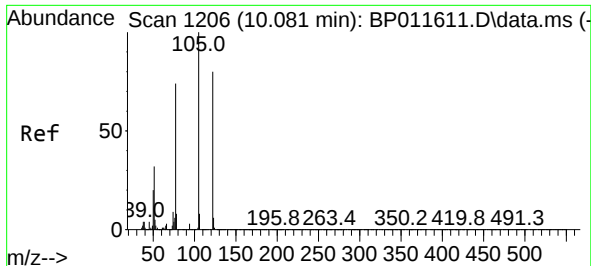
Tgt Ion: 82 Resp: 4144171
Ion Ratio Lower Upper
82 100
128 46.7 31.3 46.9
54 46.7 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.897 ng
RT: 9.881 min Scan# 1172
Delta R.T. -0.018 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

Tgt Ion:139 Resp: 150
Ion Ratio Lower Upper
139 100
109 24.1 30.2 45.4#
65 100.7 52.2 78.2#

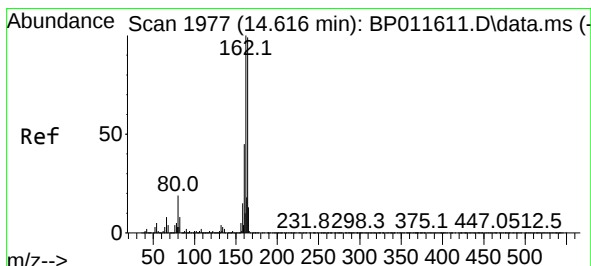
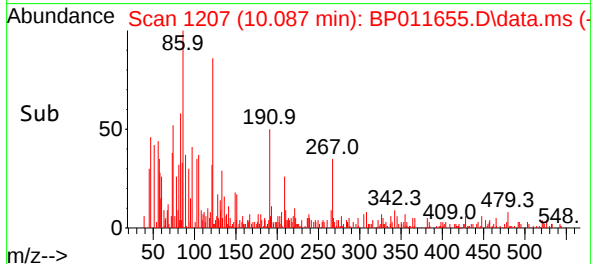
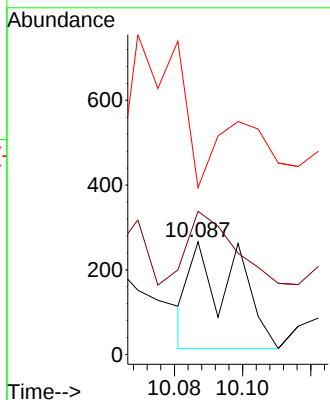
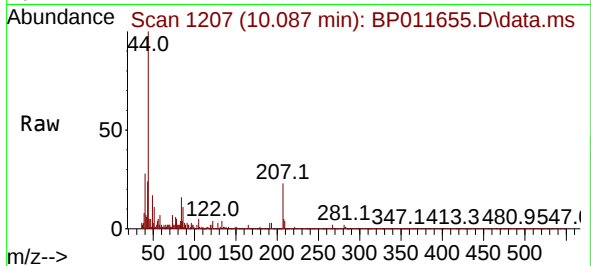




#32
Benzoic acid
Concen: 8.608 ng
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

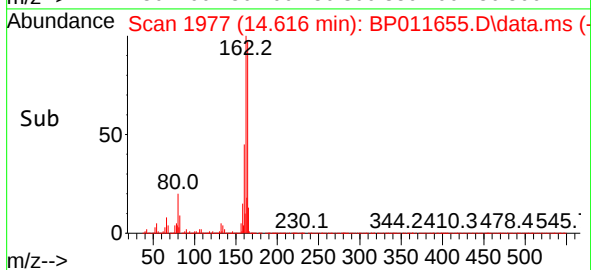
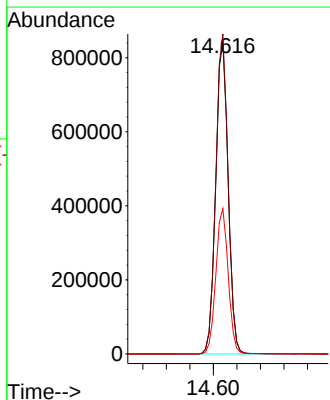
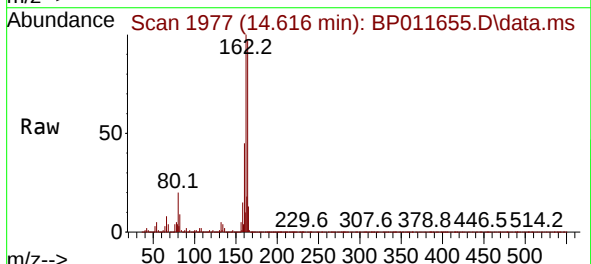
Instrument :
BNA_P
ClientSampleId :
PB147534BL

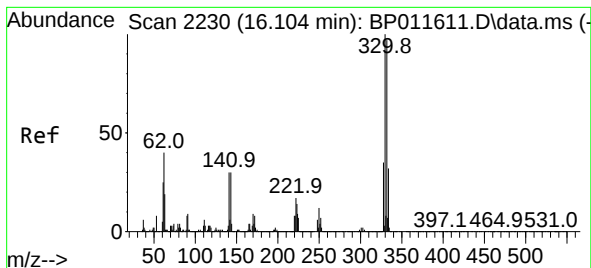
Tgt Ion:122 Resp: 229
Ion Ratio Lower Upper
122 100
105 127.1 112.6 152.6
77 148.1 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

Tgt Ion:164 Resp: 1235300
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 46.6 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 133.182 ng

RT: 16.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011655.D

Acq: 08 Sep 2022 14:24

Instrument :

BNA_P

ClientSampleId :

PB147534BL

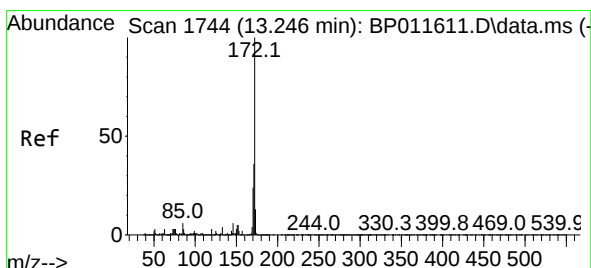
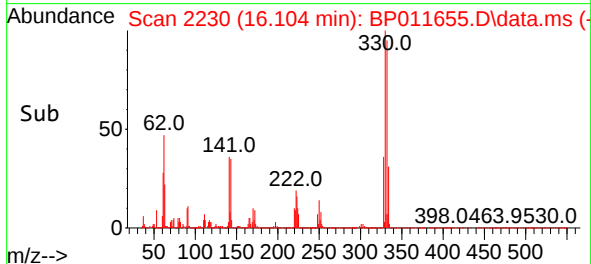
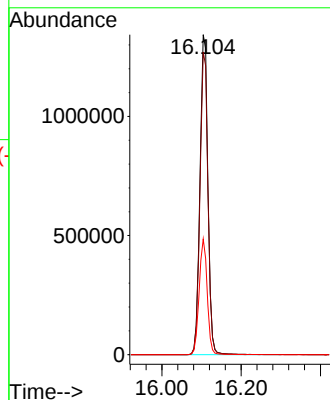
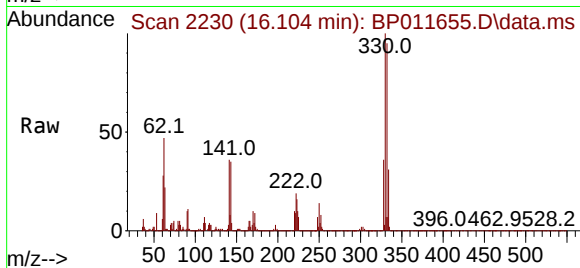
Tgt Ion:330 Resp: 1858814

Ion Ratio Lower Upper

330 100

332 94.9 78.1 117.1

141 36.7 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 97.655 ng

RT: 13.246 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BP011655.D

Acq: 08 Sep 2022 14:24

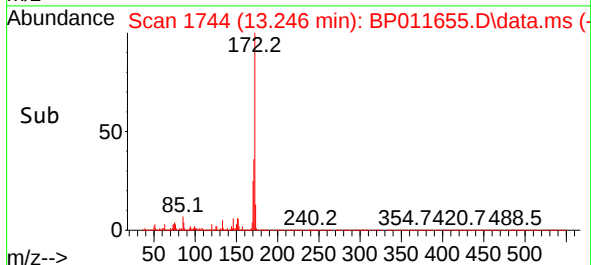
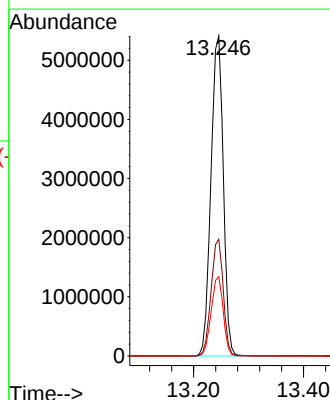
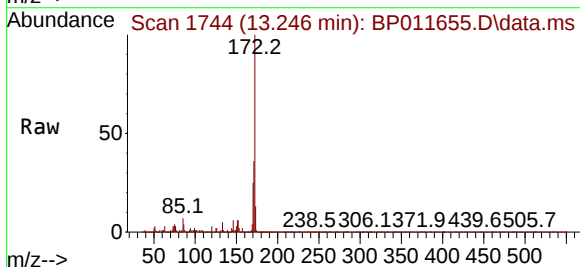
Tgt Ion:172 Resp: 8435893

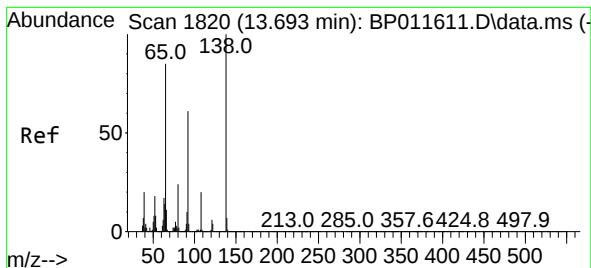
Ion Ratio Lower Upper

172 100

171 36.5 27.9 41.9

170 24.7 18.2 27.2





#48

2-Nitroaniline

Concen: 3.413 ng

RT: 13.693 min Scan# 1820

Delta R.T. -0.000 min

Lab File: BP011655.D

Acq: 08 Sep 2022 14:24

Instrument :

BNA_P

ClientSampleId :

PB147534BL

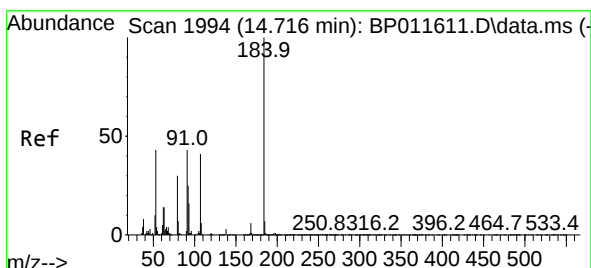
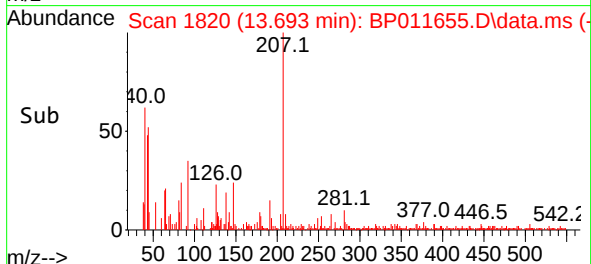
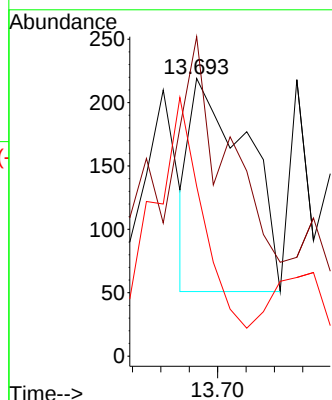
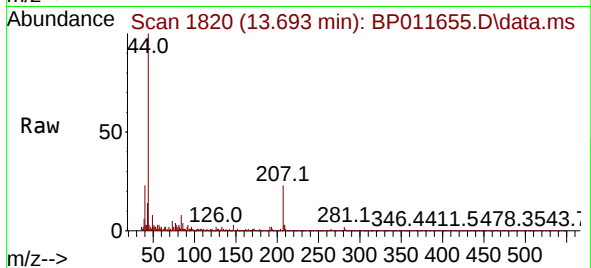
Tgt Ion: 65 Resp: 230

Ion Ratio Lower Upper

65 100

92 115.1 50.0 75.0#

138 61.2 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.485 ng

RT: 14.716 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BP011655.D

Acq: 08 Sep 2022 14:24

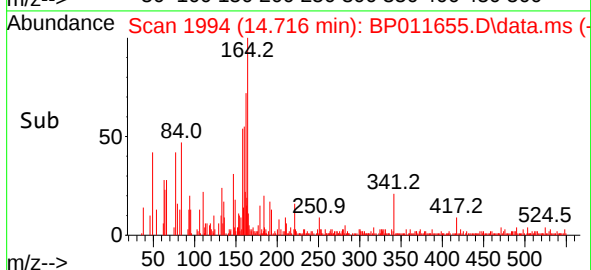
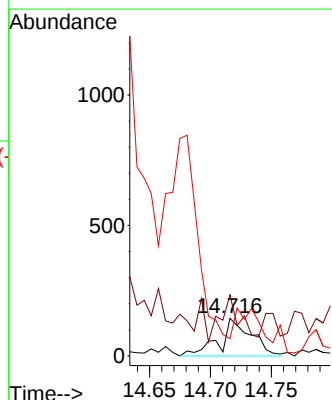
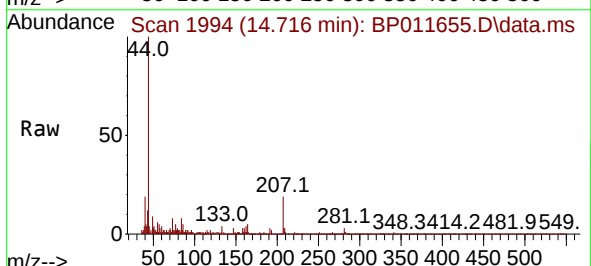
Tgt Ion: 184 Resp: 260

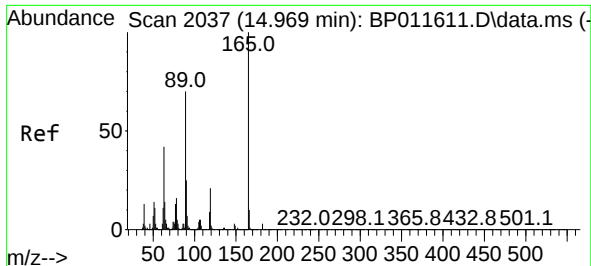
Ion Ratio Lower Upper

184 100

63 162.5 65.4 98.2#

154 45.8 55.4 83.2#

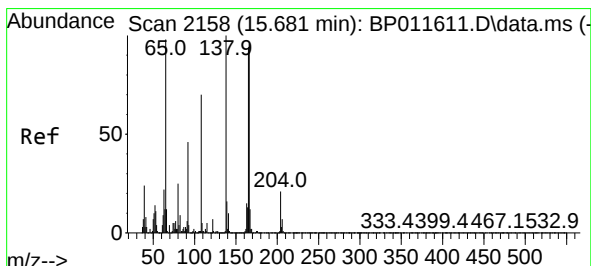
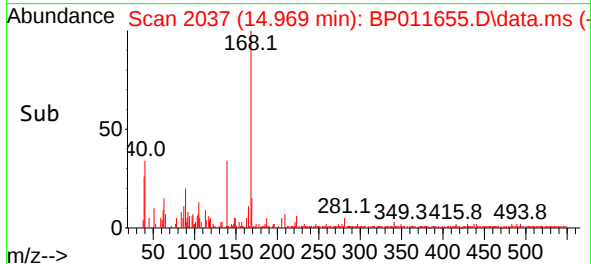
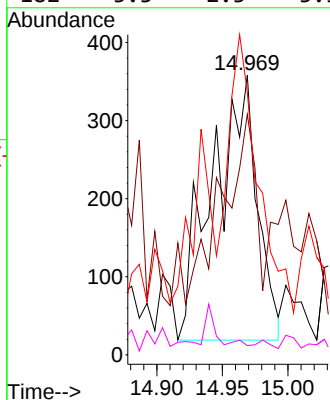
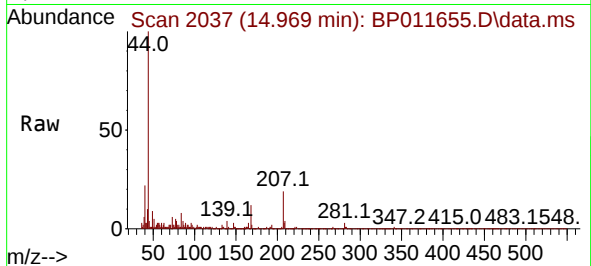




#57
2,4-Dinitrotoluene
Concen: 3.674 ng
RT: 14.969 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

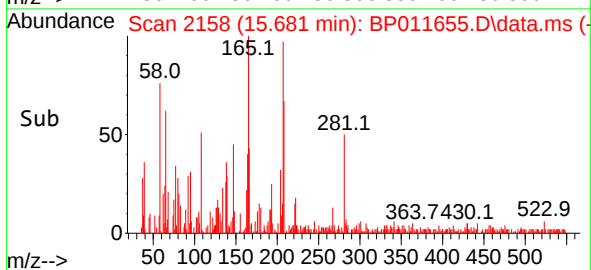
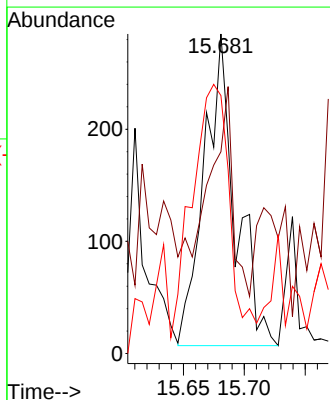
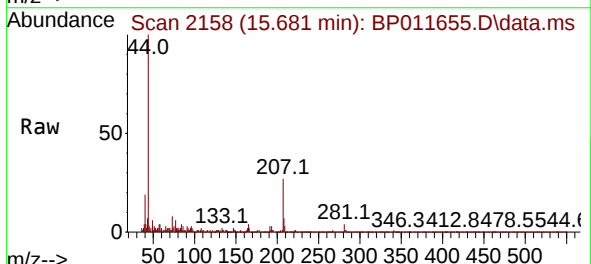
Instrument :
BNA_P
ClientSampleId :
PB147534BL

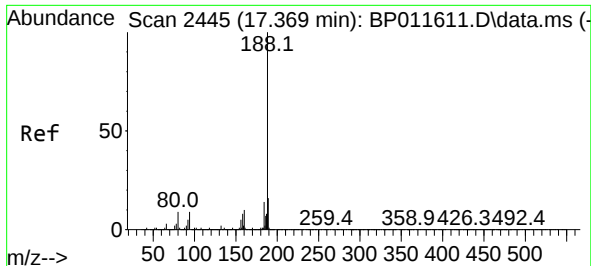
Tgt Ion:	165	Resp:	800
Ion	Ratio	Lower	Upper
165	100		
63	83.9	46.2	69.2#
89	91.6	65.8	98.8
182	3.3	2.3	3.5



#62
4-Nitroaniline
Concen: 2.666 ng
RT: 15.681 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

Tgt Ion:	138	Resp:	495
Ion	Ratio	Lower	Upper
138	100		
92	63.2	38.0	78.0
108	89.8	77.6	117.6

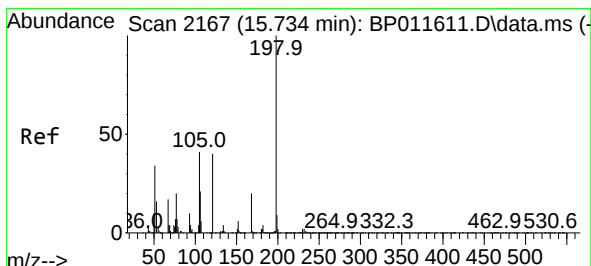
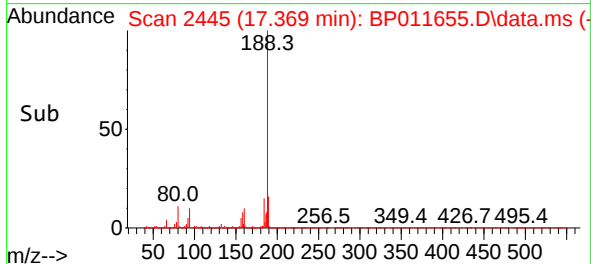
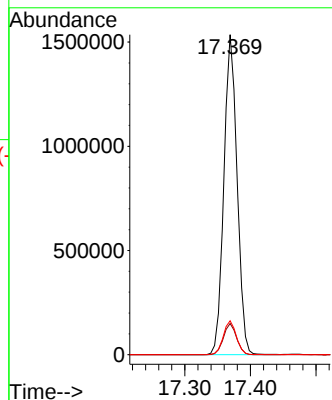
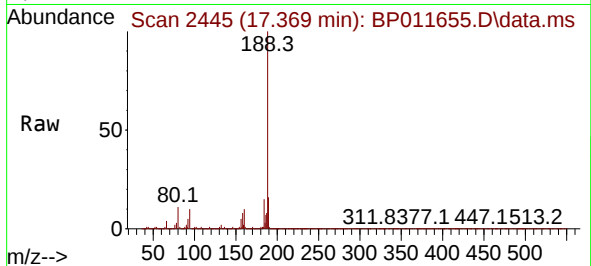




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

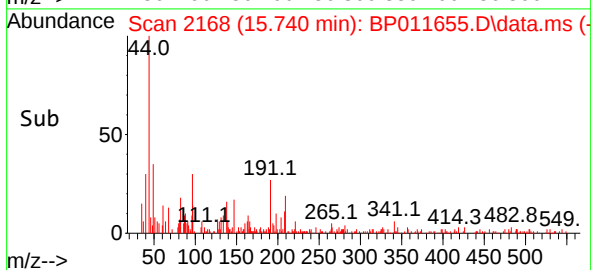
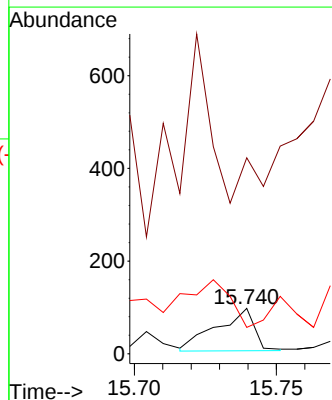
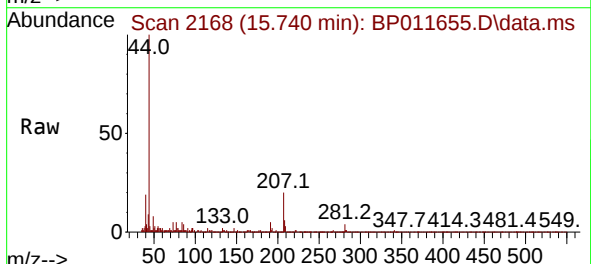
Instrument :
BNA_P
ClientSampleId :
PB147534BL

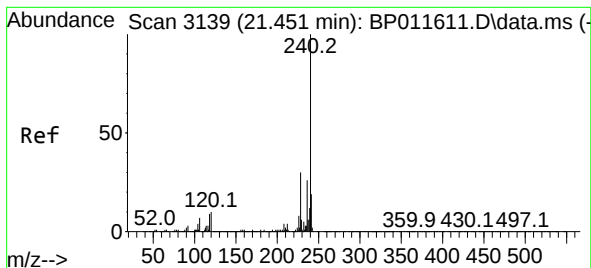
Tgt Ion:188 Resp: 2134100
Ion Ratio Lower Upper
188 100
94 9.7 6.6 10.0
80 10.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.897 ng
RT: 15.740 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BP011655.D
Acq: 08 Sep 2022 14:24

Tgt Ion:198 Resp: 85
Ion Ratio Lower Upper
198 100
51 431.6 41.2 81.2#
105 58.2 25.3 65.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP011655.D

Acq: 08 Sep 2022 14:24

Instrument :

BNA_P

ClientSampleId :

PB147534BL

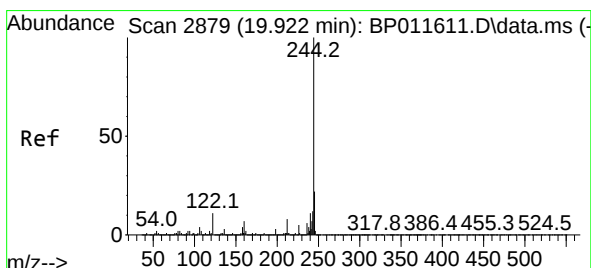
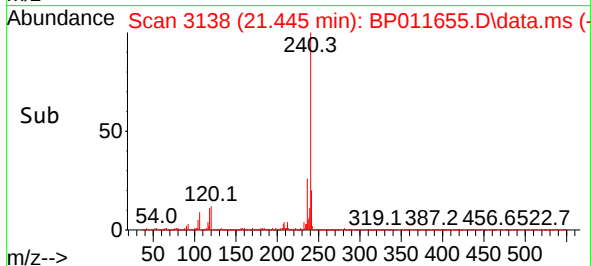
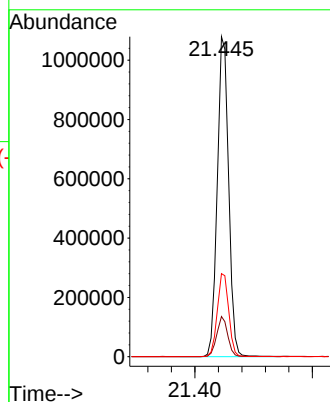
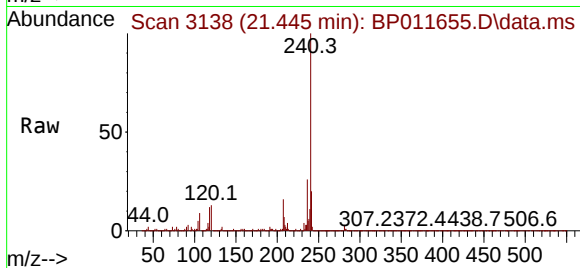
Tgt Ion:240 Resp: 1445521

Ion Ratio Lower Upper

240 100

120 12.5 8.6 12.8

236 25.9 19.8 29.6



#79

Terphenyl-d14

Concen: 122.412 ng

RT: 19.922 min Scan# 2879

Delta R.T. -0.000 min

Lab File: BP011655.D

Acq: 08 Sep 2022 14:24

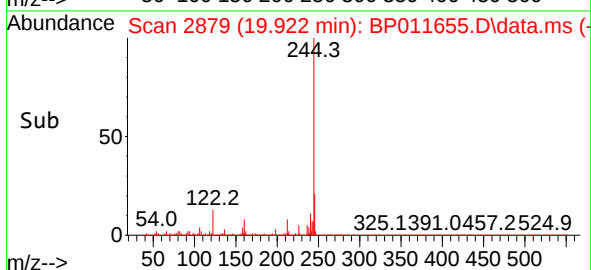
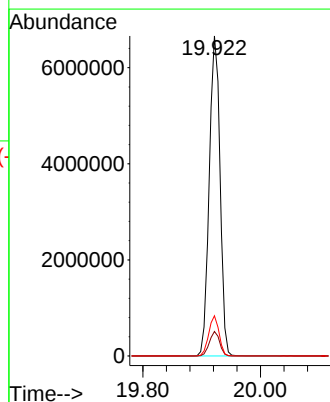
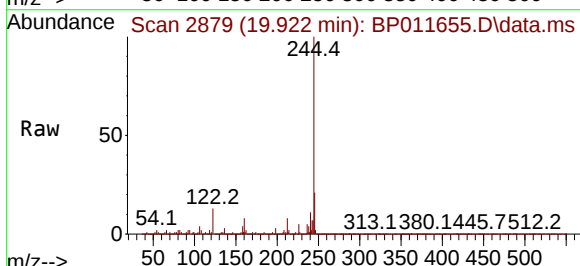
Tgt Ion:244 Resp: 8448323

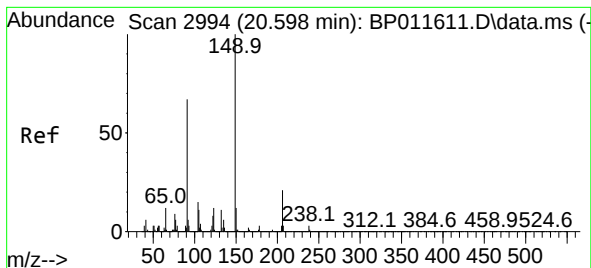
Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 12.6 7.6 11.4#





#80

Butylbenzylphthalate

Concen: 3.783 ng

RT: 20.598 min Scan# 2994

Delta R.T. 0.000 min

Lab File: BP011655.D

Acq: 08 Sep 2022 14:24

Instrument :

BNA_P

ClientSampleId :

PB147534BL

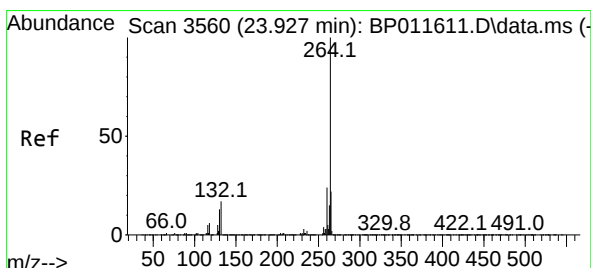
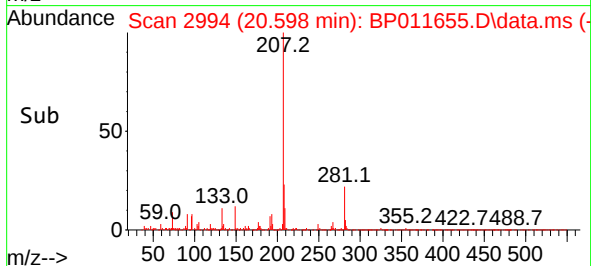
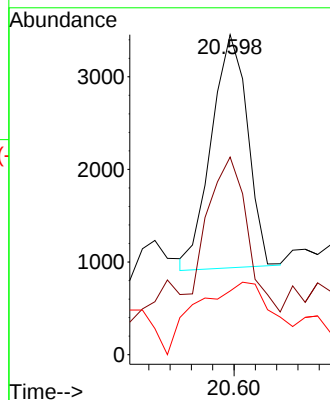
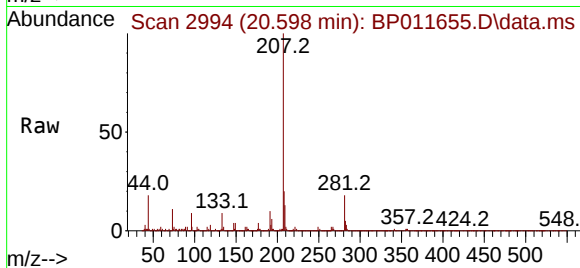
Tgt Ion:149 Resp: 2977

Ion Ratio Lower Upper

149 100

91 61.7 62.5 93.7#

206 19.9 17.0 25.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3560

Delta R.T. -0.000 min

Lab File: BP011655.D

Acq: 08 Sep 2022 14:24

Tgt Ion:264 Resp: 1335532

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 22.4 18.0 27.0

