

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011672.D
 Acq On : 09 Sep 2022 20:15
 Operator : CG/JU
 Sample : N4549-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB090822

Quant Time: Sep 10 00:56:40 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 10 00:48:09 2022
 Response via : Initial Calibration

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

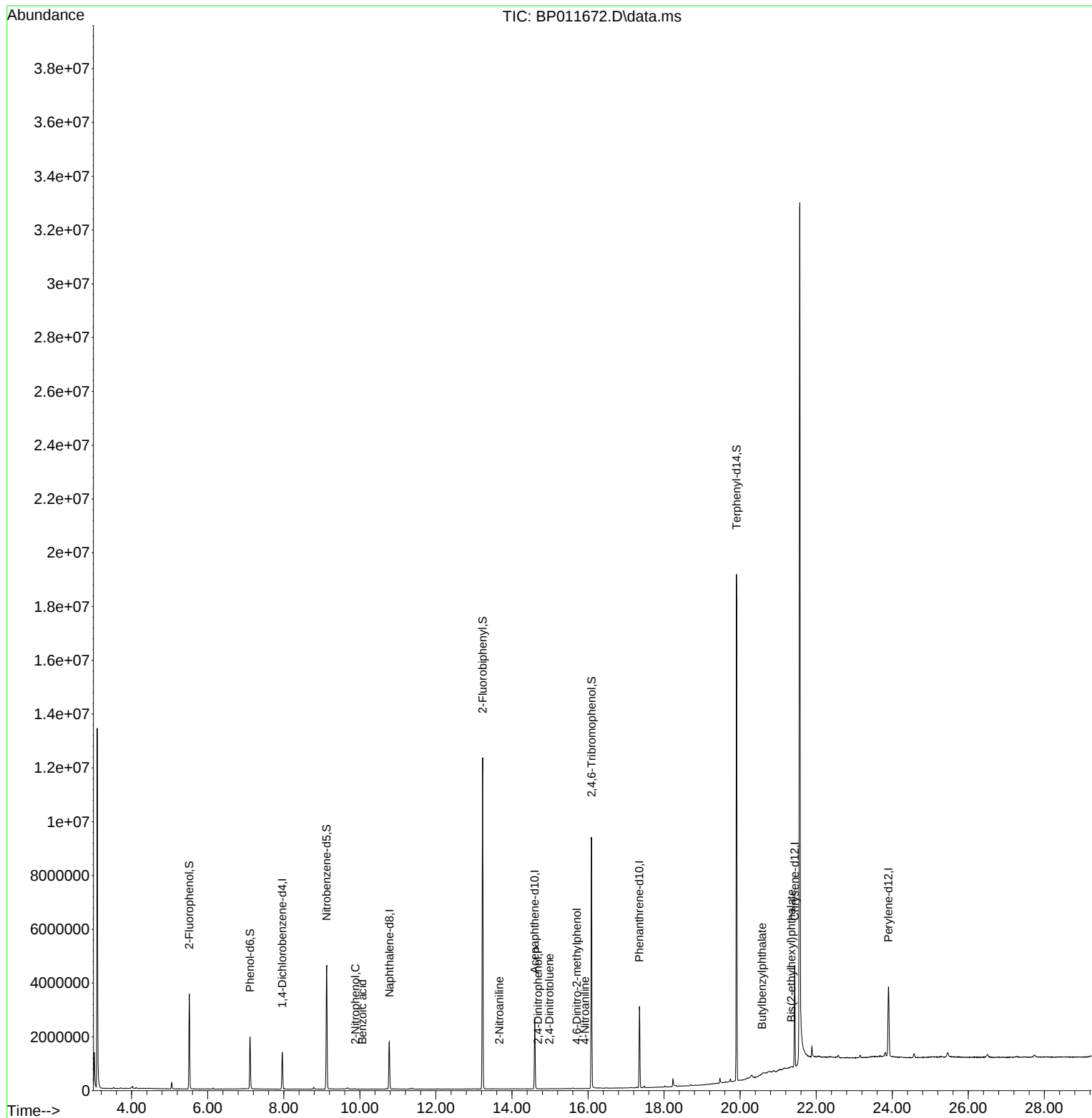
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	412749	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1571438	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	902825	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1857031	20.000	ng	0.00
76) Chrysene-d12	21.433	240	1826287	20.000	ng	0.00
86) Perylene-d12	23.898	264	2001685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	1656837	70.994	ng	0.00
7) Phenol-d6	7.111	99	1210425	39.197	ng	0.00
23) Nitrobenzene-d5	9.128	82	2648248	103.446	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1916964	187.928	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6631760	105.042	ng	0.00
79) Terphenyl-d14	19.904	244	9229353	105.848	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.887	139	76	4.896	ng	# 1
32) Benzoic acid	10.063	122	152	8.608	ng	# 1
48) 2-Nitroaniline	13.669	65	112	3.410	ng	# 45
54) 2,4-Dinitrophenol	14.681	184	19	6.455	ng	# 1
57) 2,4-Dinitrotoluene	14.987	165	226	3.655	ng	# 58
62) 4-Nitroaniline	15.922	138	93	2.650	ng	# 97
65) 4,6-Dinitro-2-methylph...	15.704	198	23	7.892	ng	# 1
80) Butylbenzylphthalate	20.575	149	846	3.728	ng	# 79
84) Bis(2-ethylhexyl)phtha...	21.345	149	10032	2.028	ng	# 94

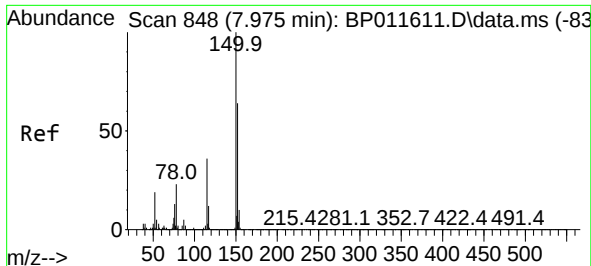
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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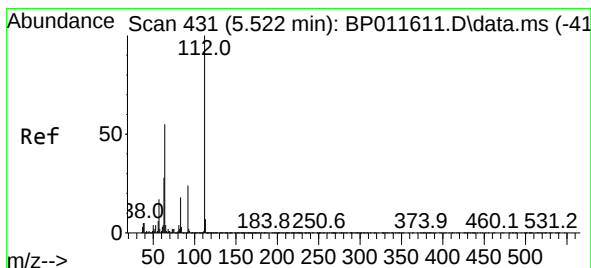
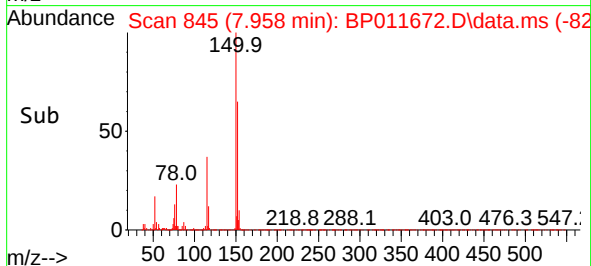
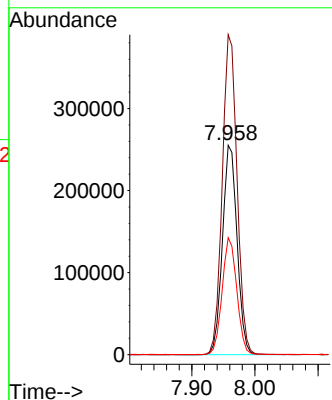
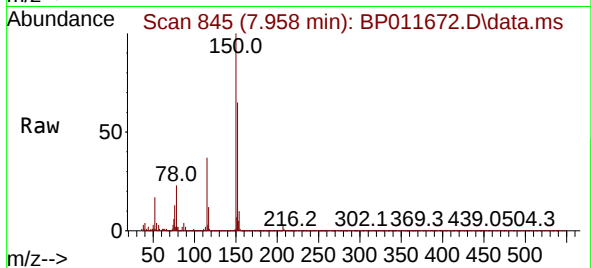




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

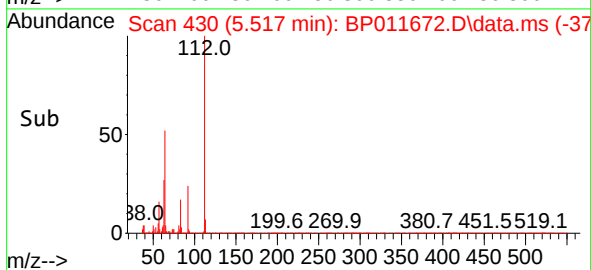
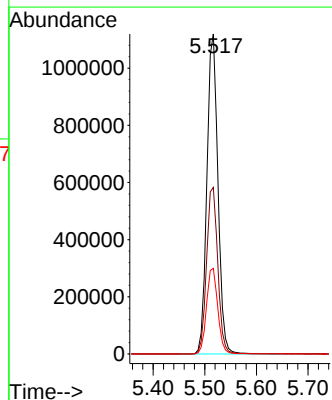
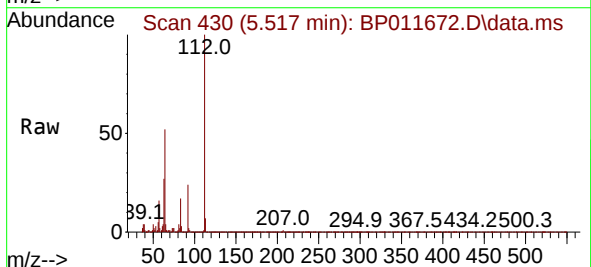
Instrument :
BNA_P
ClientSampleId :
FB090822

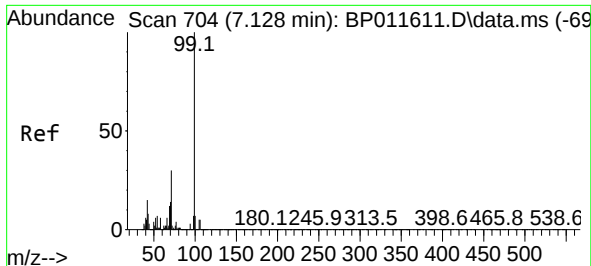
Tgt Ion:152 Resp: 412749
Ion Ratio Lower Upper
152 100
150 152.8 123.4 185.2
115 55.9 51.3 76.9



#5
2-Fluorophenol
Concen: 70.994 ng
RT: 5.517 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion:112 Resp: 1656837
Ion Ratio Lower Upper
112 100
64 52.1 56.9 85.3#
63 26.8 31.2 46.8#

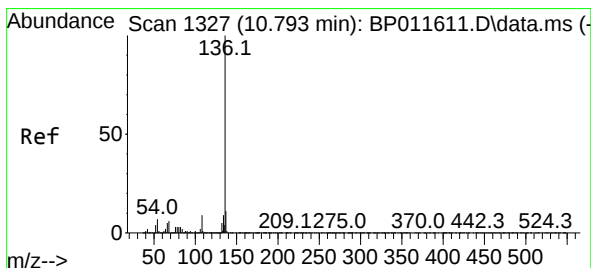
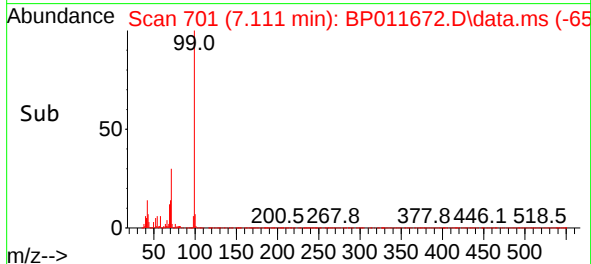
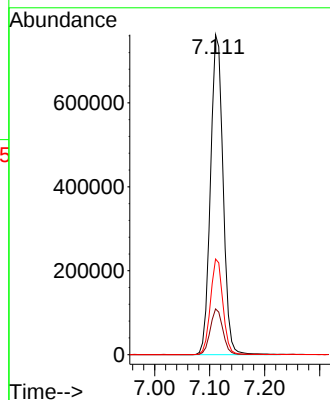
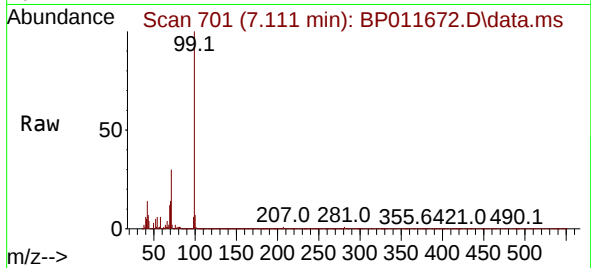




#7
Phenol-d6
Concen: 39.197 ng
RT: 7.111 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

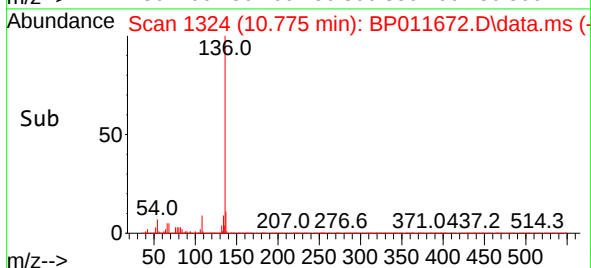
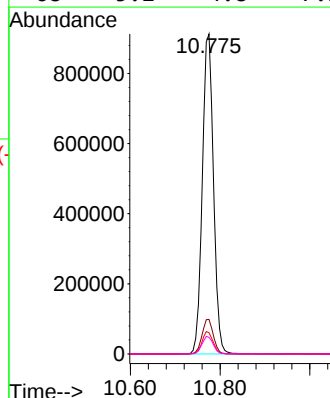
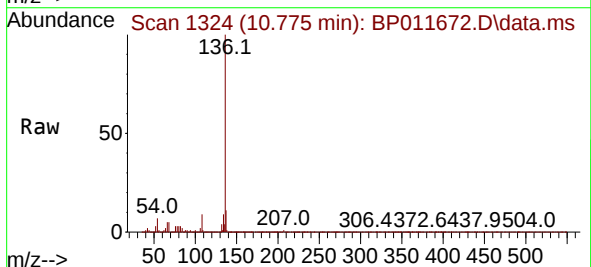
Instrument :
BNA_P
ClientSampleId :
FB090822

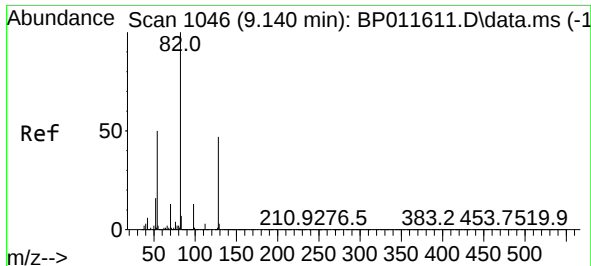
Tgt Ion: 99 Resp: 1210425
Ion Ratio Lower Upper
99 100
42 14.3 20.3 30.5#
71 29.9 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion: 136 Resp: 1571438
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.7 8.7 13.1#
68 5.2 4.8 7.2

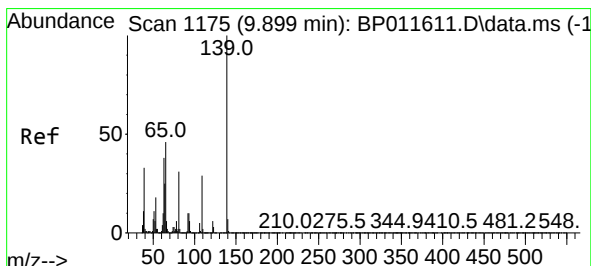
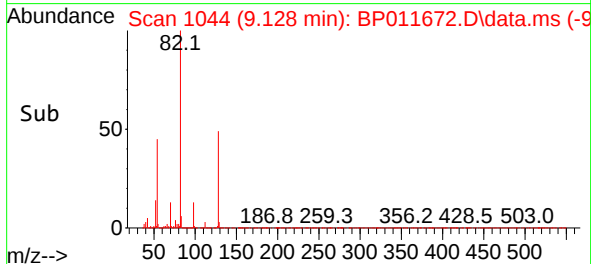
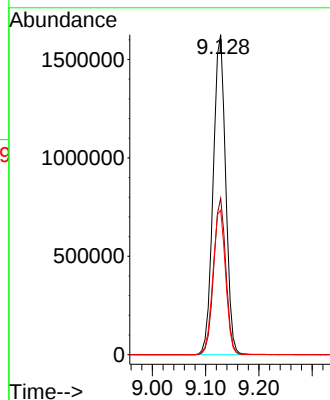
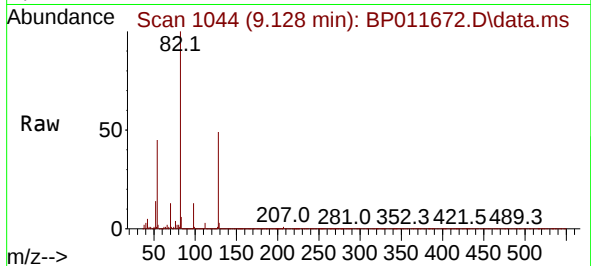




#23
Nitrobenzene-d5
Concen: 103.446 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

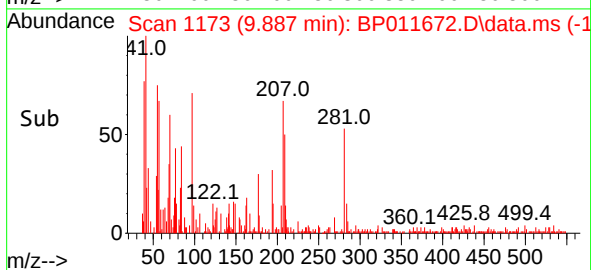
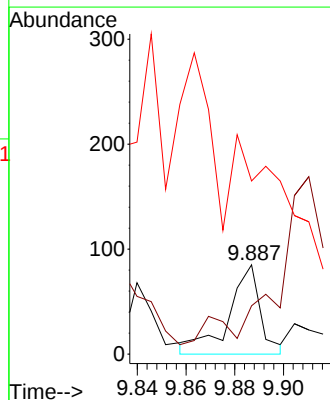
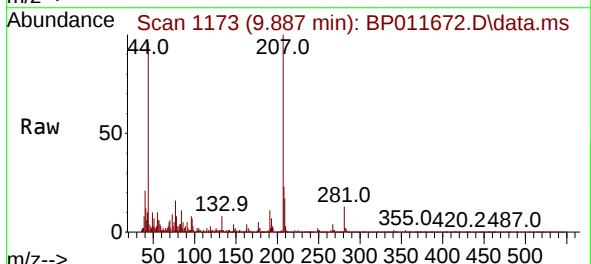
Instrument :
BNA_P
ClientSampleId :
FB090822

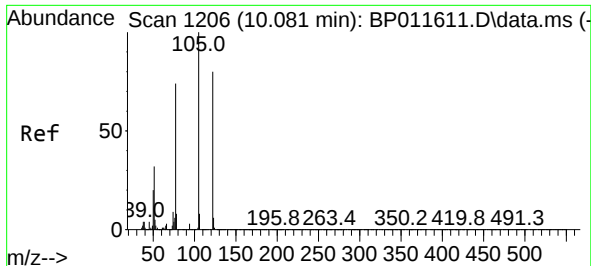
Tgt Ion: 82 Resp: 2648248
Ion Ratio Lower Upper
82 100
128 48.9 31.3 46.9#
54 45.2 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.896 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 54.1 30.2 45.4#
65 194.1 52.2 78.2#

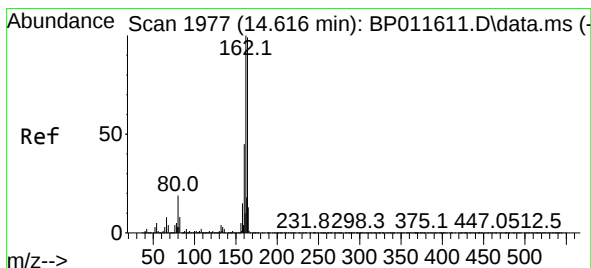
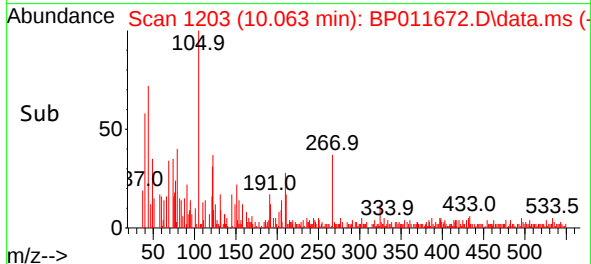
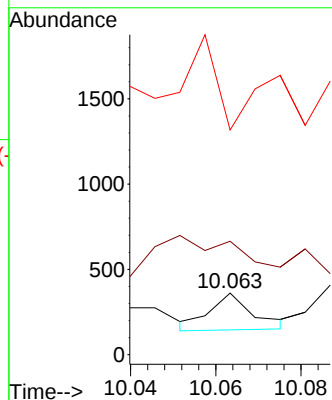
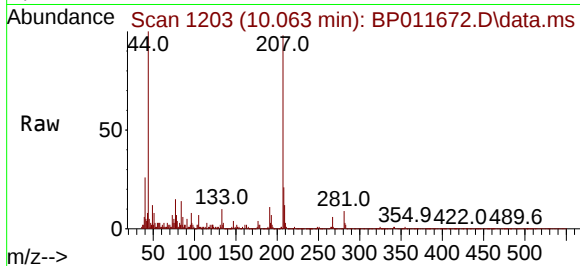




#32
Benzoic acid
Concen: 8.608 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

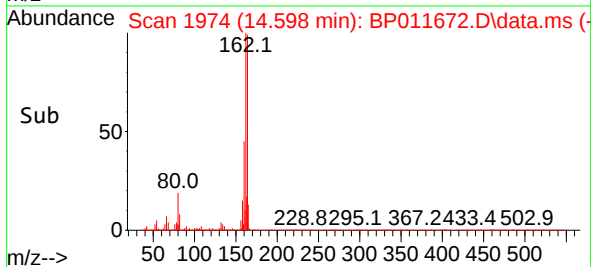
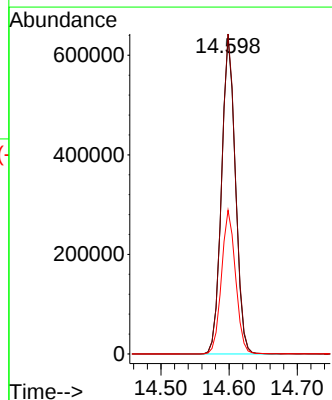
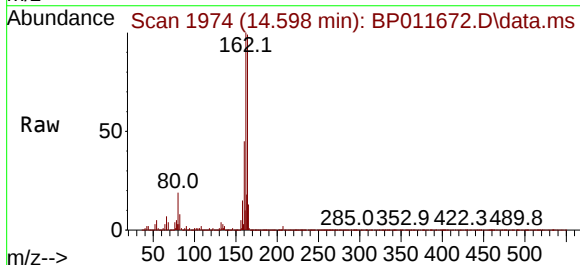
Instrument :
BNA_P
ClientSampleId :
FB090822

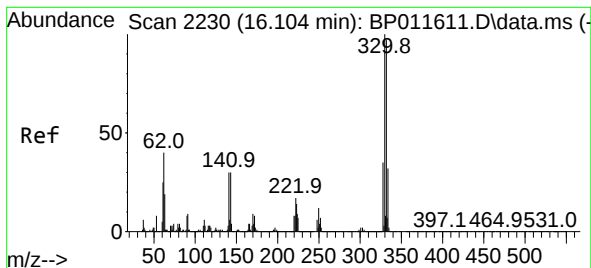
Tgt Ion:122 Resp: 152
Ion Ratio Lower Upper
122 100
105 184.2 112.6 152.6#
77 364.8 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion:164 Resp: 902825
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 45.4 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 187.928 ng

RT: 16.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

Instrument :

BNA_P

ClientSampleId :

FB090822

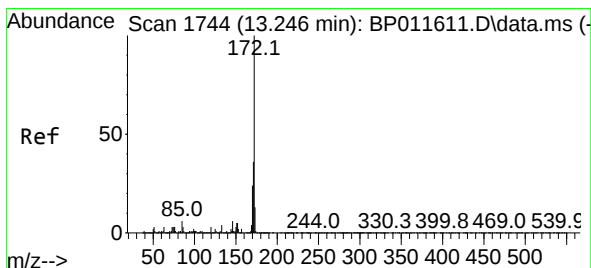
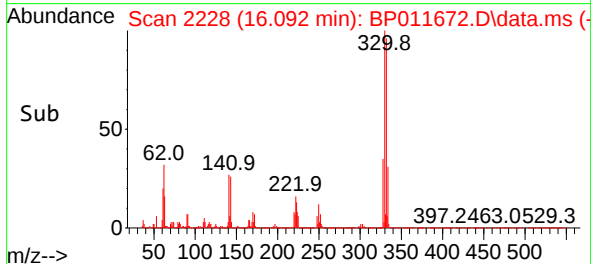
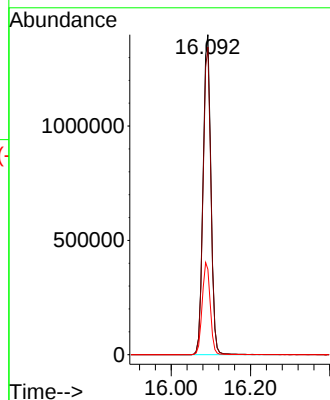
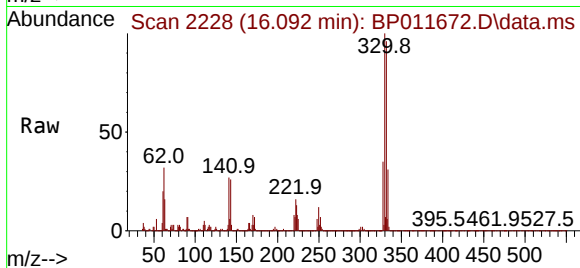
Tgt Ion:330 Resp: 1916964

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 29.6 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 105.042 ng

RT: 13.228 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

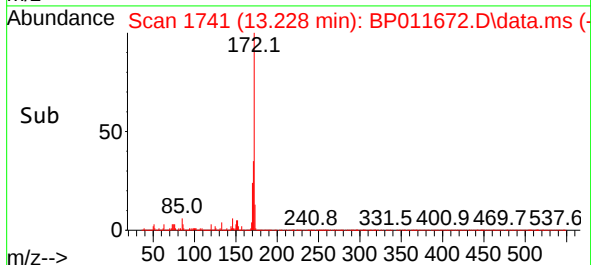
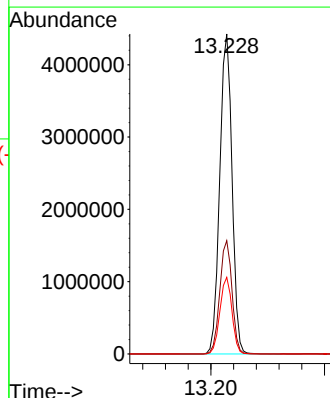
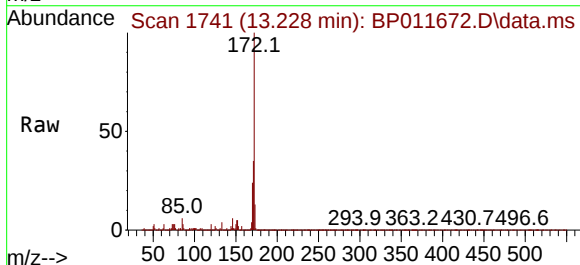
Tgt Ion:172 Resp: 6631760

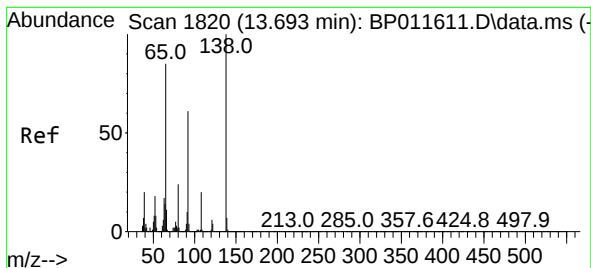
Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 24.0 18.2 27.2





#48

2-Nitroaniline

Concen: 3.410 ng

RT: 13.669 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

Instrument :

BNA_P

ClientSampleId :

FB090822

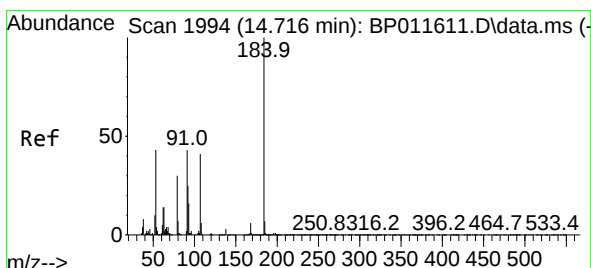
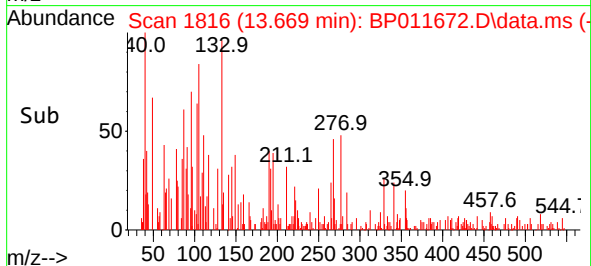
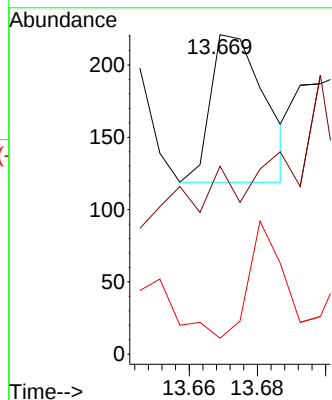
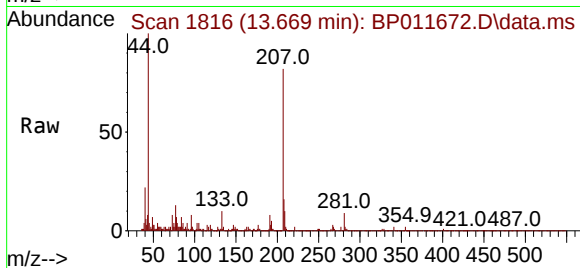
Tgt Ion: 65 Resp: 112

Ion Ratio Lower Upper

65 100

92 58.8 50.0 75.0

138 5.0 71.2 106.8#



#54

2,4-Dinitrophenol

Concen: 6.455 ng

RT: 14.681 min Scan# 1988

Delta R.T. -0.024 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

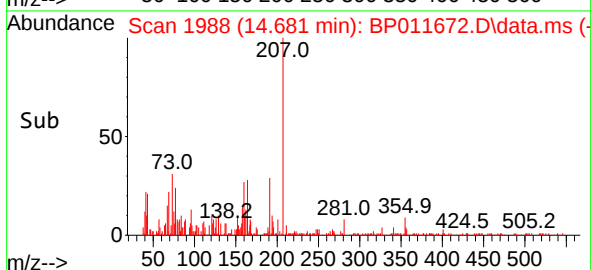
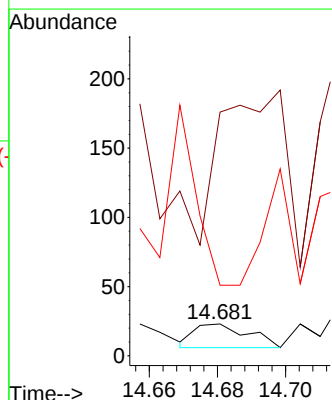
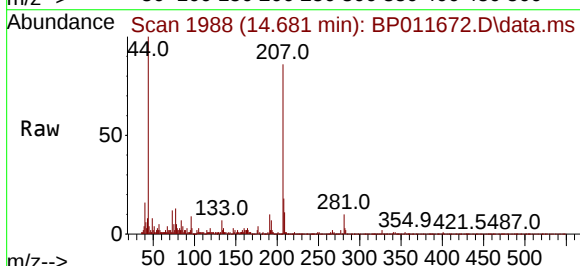
Tgt Ion: 184 Resp: 19

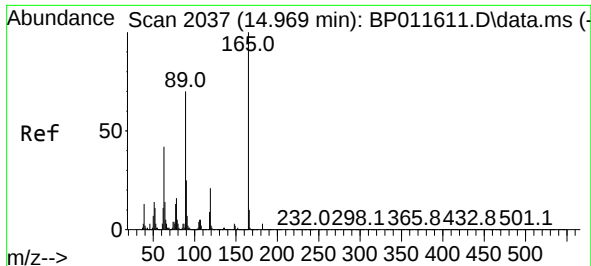
Ion Ratio Lower Upper

184 100

63 765.2 65.4 98.2#

154 221.7 55.4 83.2#

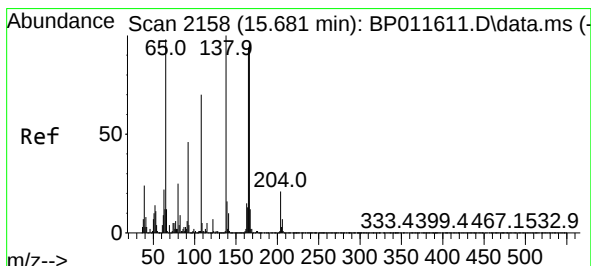
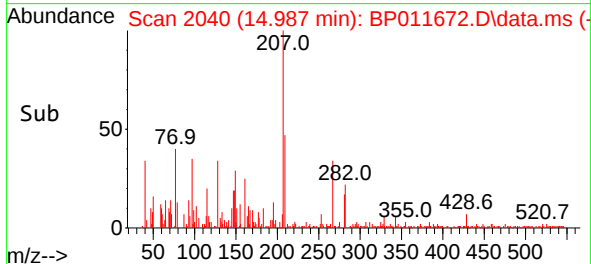
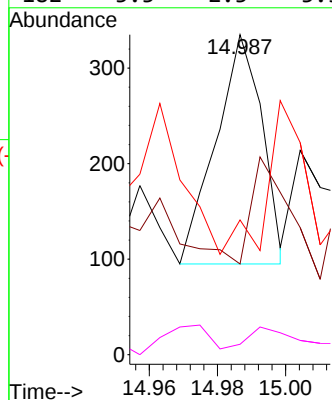
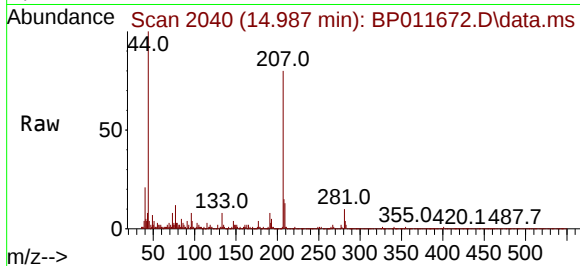




#57
2,4-Dinitrotoluene
Concen: 3.655 ng
RT: 14.987 min Scan# 2037
Delta R.T. 0.023 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

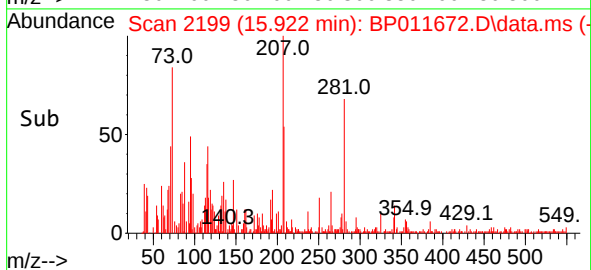
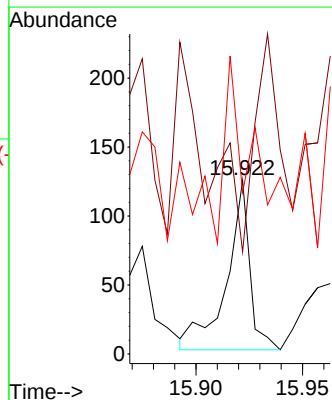
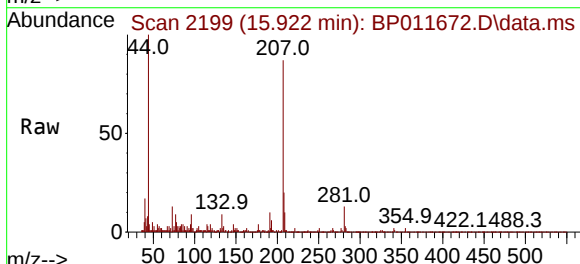
Instrument :
BNA_P
ClientSampleId :
FB090822

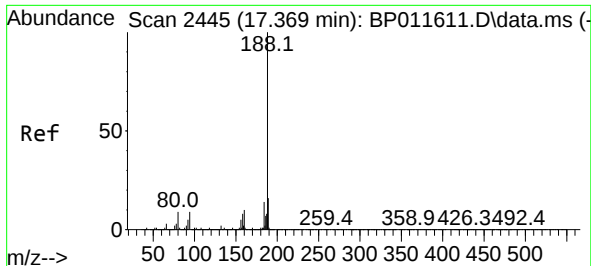
Tgt Ion:	165	Resp:	226
Ion Ratio	Lower	Upper	
165	100		
63	28.4	46.2	69.2#
89	42.1	65.8	98.8#
182	3.3	2.3	3.5



#62
4-Nitroaniline
Concen: 2.650 ng
RT: 15.922 min Scan# 2199
Delta R.T. 0.253 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion:	138	Resp:	93
Ion Ratio	Lower	Upper	
138	100		
92	58.7	38.0	78.0
108	92.9	77.6	117.6

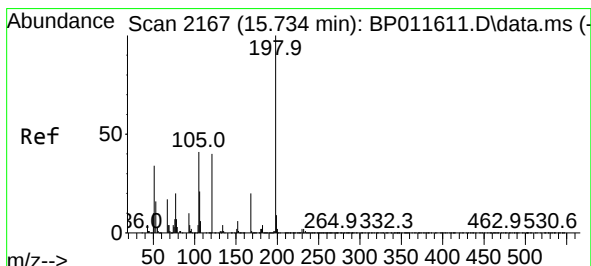
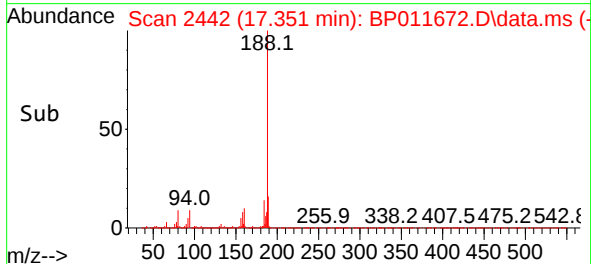
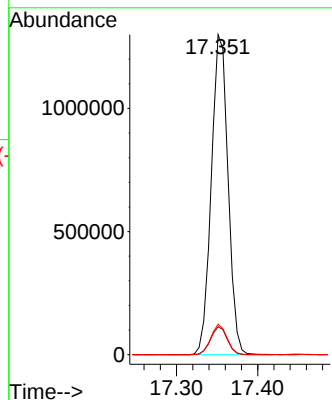
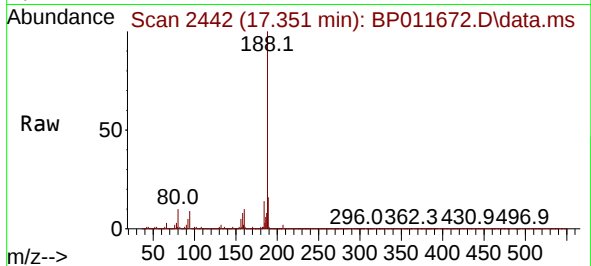




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

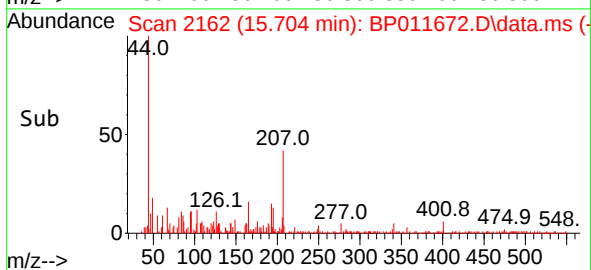
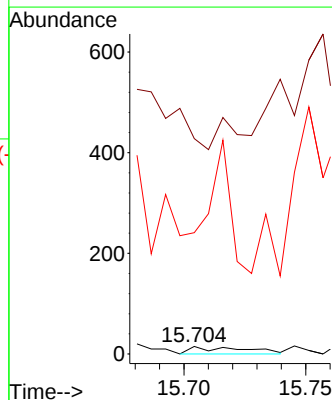
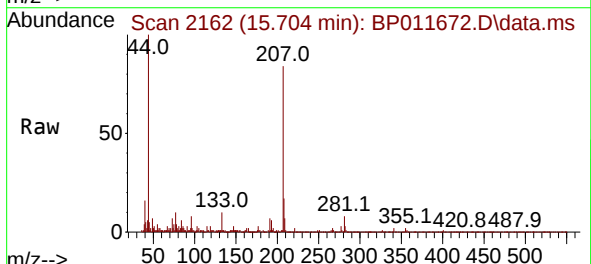
Instrument :
BNA_P
ClientSampleId :
FB090822

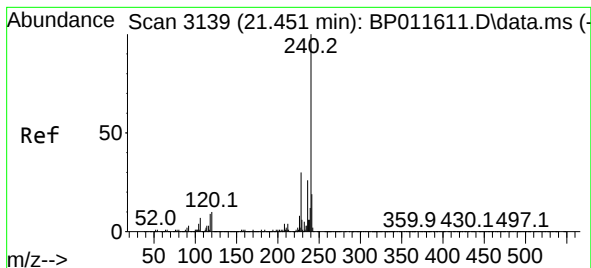
Tgt Ion:188 Resp: 1857031
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.892 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.018 min
Lab File: BP011672.D
Acq: 09 Sep 2022 20:15

Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 2853.3 41.2 81.2#
105 1606.7 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

Instrument :

BNA_P

ClientSampleId :

FB090822

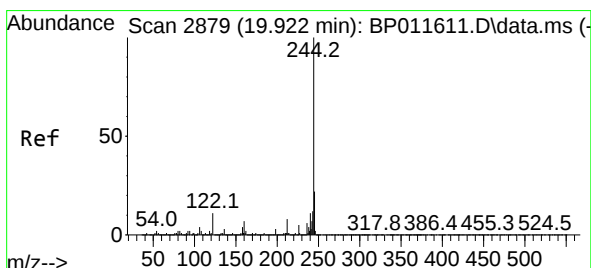
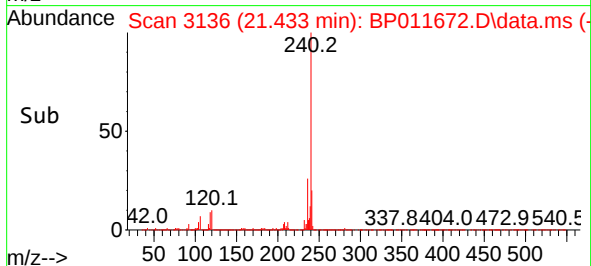
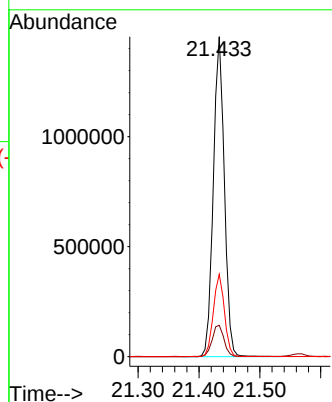
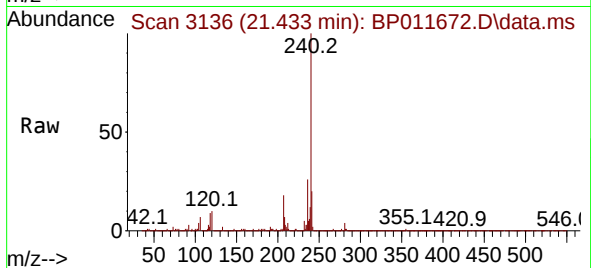
Tgt Ion:240 Resp: 1826287

Ion Ratio Lower Upper

240 100

120 9.8 8.6 12.8

236 25.8 19.8 29.6



#79

Terphenyl-d14

Concen: 105.848 ng

RT: 19.904 min Scan# 2876

Delta R.T. -0.006 min

Lab File: BP011672.D

Acq: 09 Sep 2022 20:15

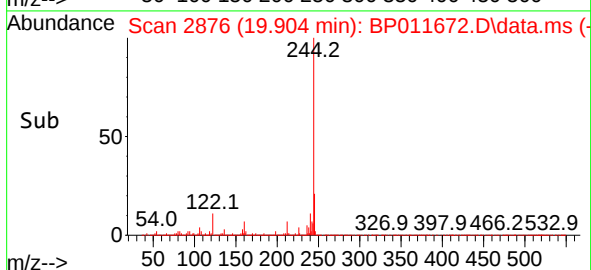
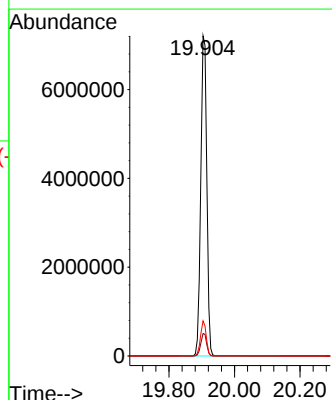
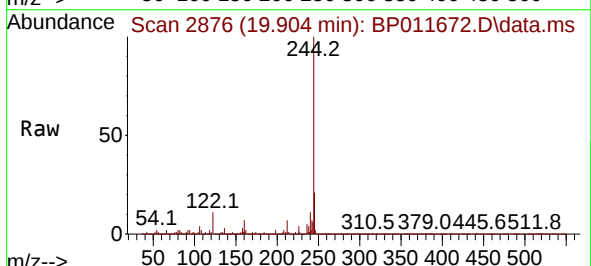
Tgt Ion:244 Resp: 9229353

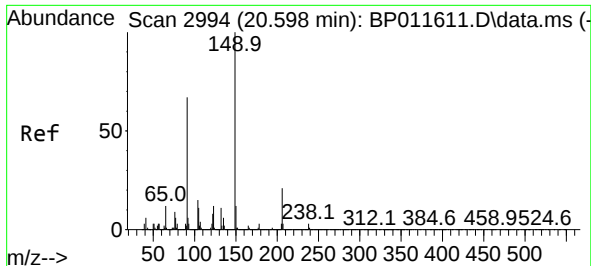
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 11.0 7.6 11.4

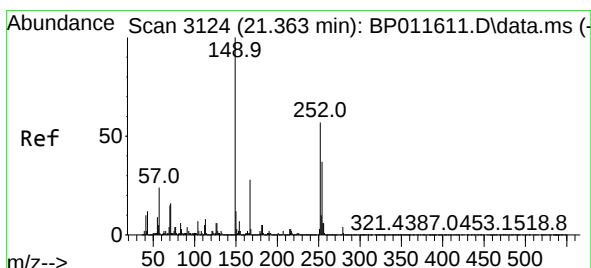
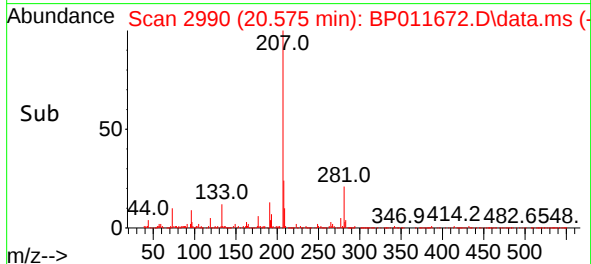
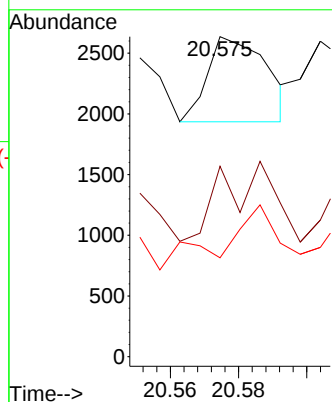
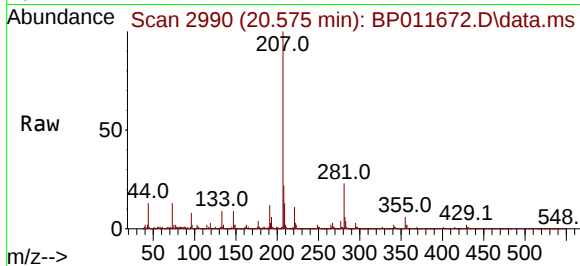




#80
 Butylbenzylphthalate
 Concen: 3.728 ng
 RT: 20.575 min Scan# 2994
 Delta R.T. -0.012 min
 Lab File: BP011672.D
 Acq: 09 Sep 2022 20:15

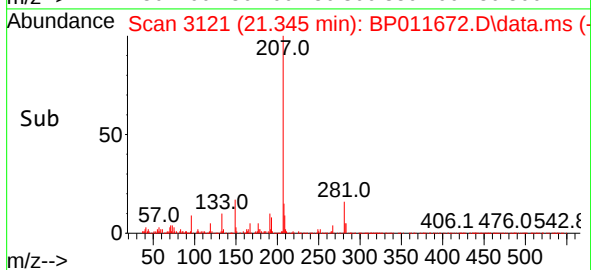
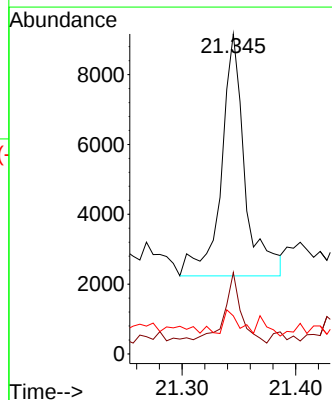
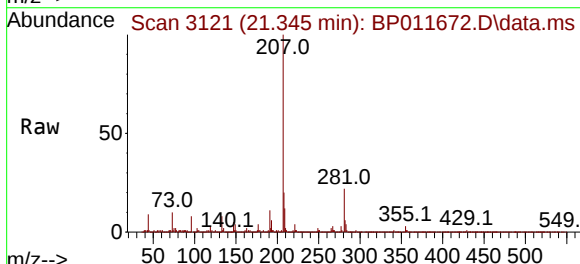
Instrument :
 BNA_P
 ClientSampleId :
 FB090822

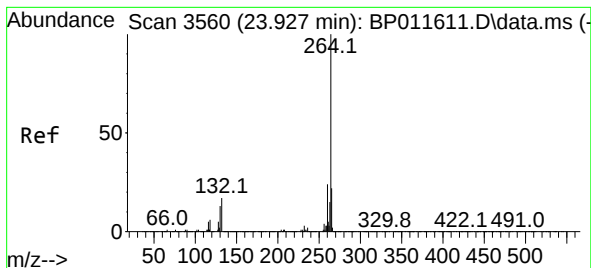
Tgt Ion:149 Resp: 846
 Ion Ratio Lower Upper
 149 100
 91 59.5 62.5 93.7#
 206 30.9 17.0 25.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.028 ng
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BP011672.D
 Acq: 09 Sep 2022 20:15

Tgt Ion:149 Resp: 10032
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.8 32.8
 279 11.9 3.7 5.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.898 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP011672.D

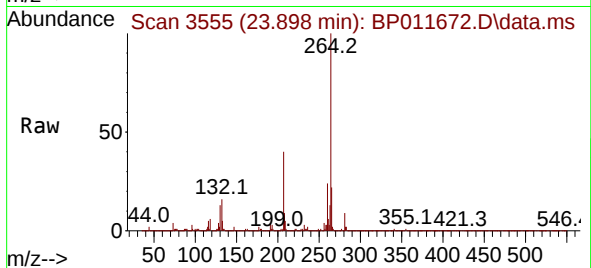
Acq: 09 Sep 2022 20:15

Instrument :

BNA_P

ClientSampleId :

FB090822



Tgt Ion:264 Resp: 2001685

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.2 18.0 27.0

