

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090622\
 Data File : BP011630.D
 Acq On : 06 Sep 2022 17:49
 Operator : CG/JU
 Sample : N4500-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-03-COMP

Quant Time: Sep 07 03:46:15 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)

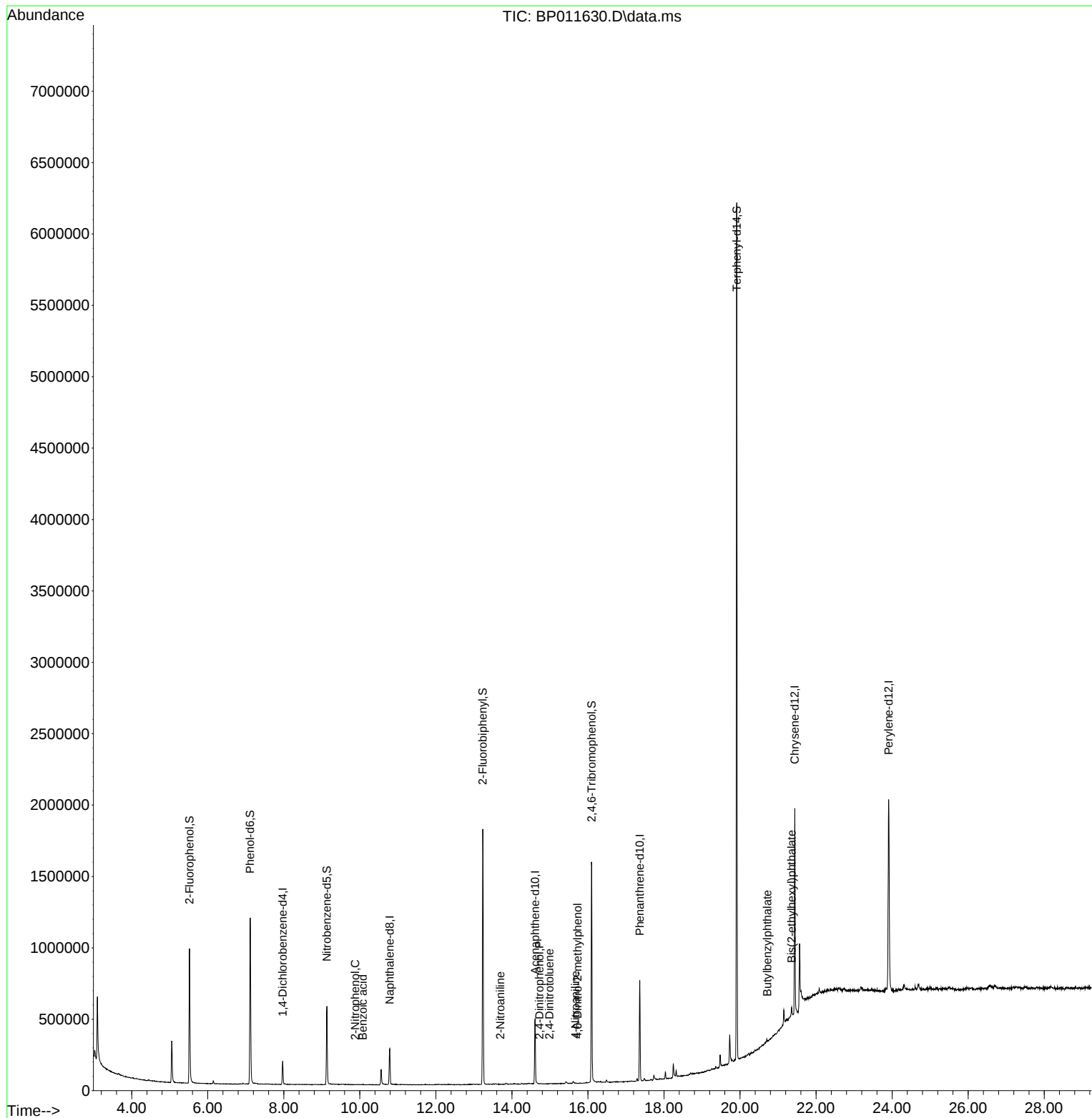
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	48024	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	223823	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	157301	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	423523	20.000	ng	0.00
76) Chrysene-d12	21.439	240	688115	20.000	ng	-0.01
86) Perylene-d12	23.910	264	1015980	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	487072	179.376	ng	0.00
7) Phenol-d6	7.116	99	721677	200.856	ng	-0.01
23) Nitrobenzene-d5	9.134	82	310622	85.189	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	291640	164.096	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	946966	86.087	ng	-0.01
79) Terphenyl-d14	19.916	244	2876928	87.568	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	62	4.923	ng	# 1
32) Benzoic acid	10.081	122	131	8.654	ng	# 1
48) 2-Nitroaniline	13.692	65	291	3.514	ng	# 38
54) 2,4-Dinitrophenol	14.722	184	22	6.474	ng	# 1
57) 2,4-Dinitrotoluene	14.987	165	306	3.733	ng	# 80
62) 4-Nitroaniline	15.669	138	41	2.659	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.728	198	21	7.899	ng	# 1
80) Butylbenzylphthalate	20.721	149	233	3.723	ng	92
84) Bis(2-ethylhexyl)phtha...	21.357	149	22007	2.679	ng	# 98

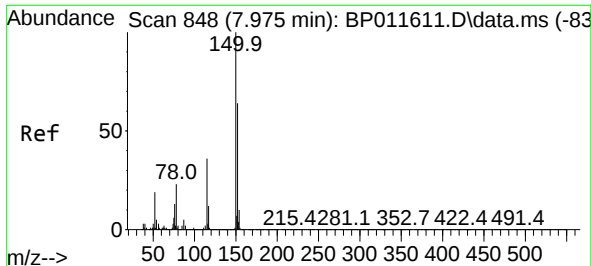
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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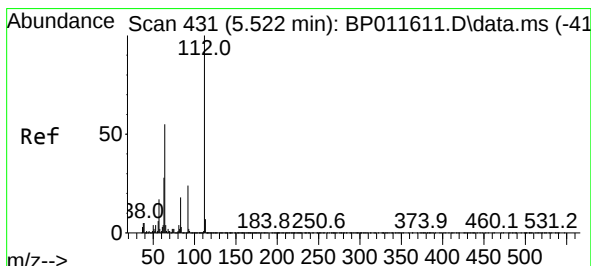
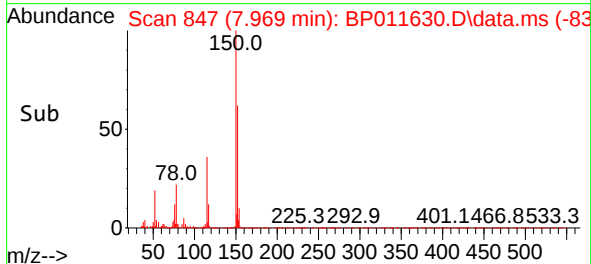
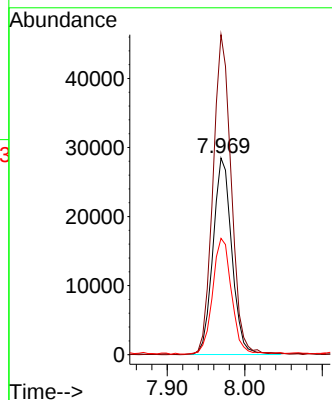
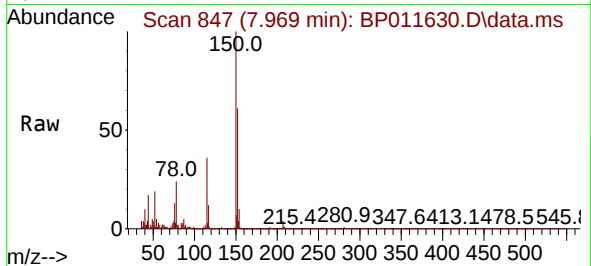




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

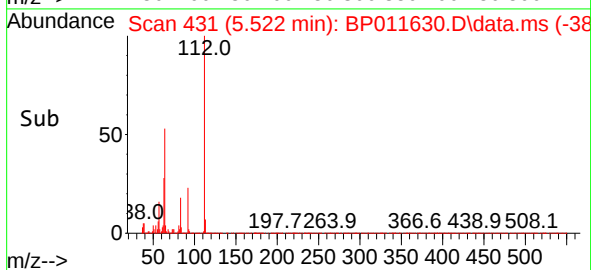
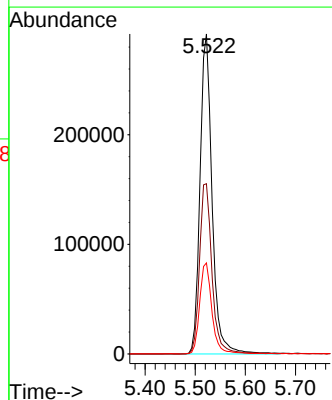
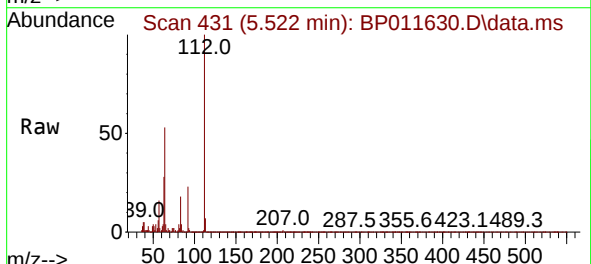
Instrument :
BNA_P
ClientSampleId :
SB-03-COMP

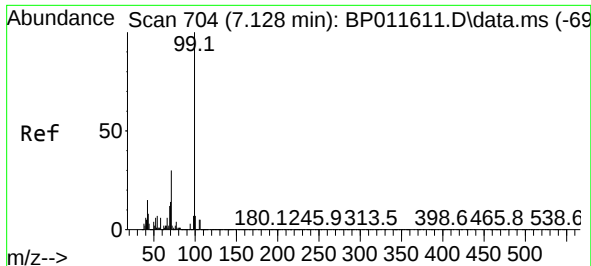
Tgt Ion:152 Resp: 48024
Ion Ratio Lower Upper
152 100
150 162.7 123.4 185.2
115 59.1 51.3 76.9



#5
2-Fluorophenol
Concen: 179.376 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.000 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion:112 Resp: 487072
Ion Ratio Lower Upper
112 100
64 53.2 56.9 85.3#
63 28.5 31.2 46.8#

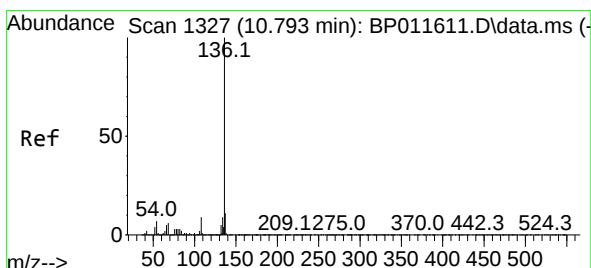
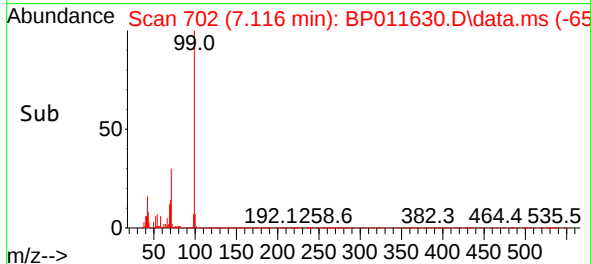
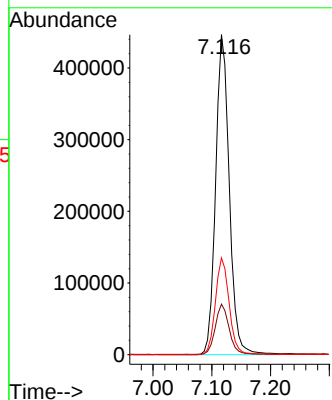
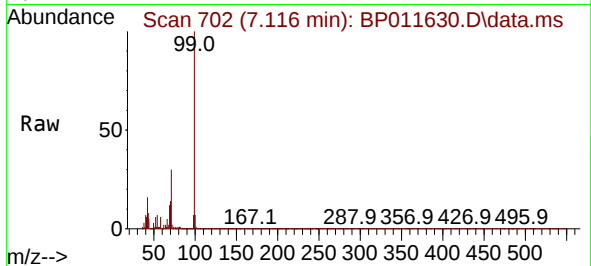




#7
Phenol-d6
Concen: 200.856 ng
RT: 7.116 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

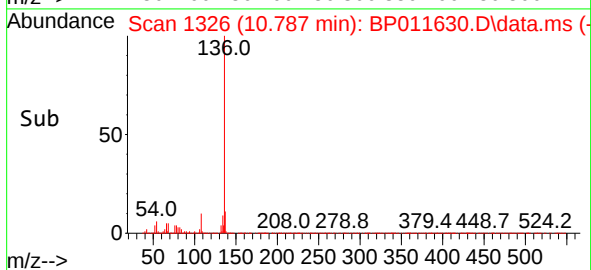
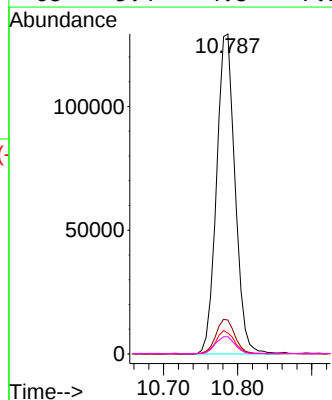
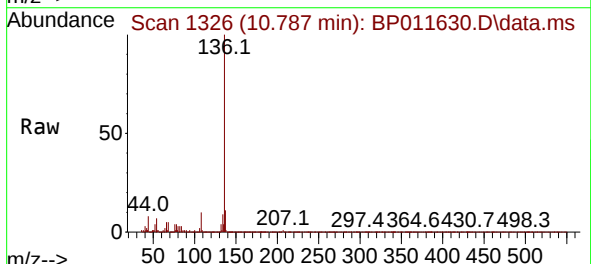
Instrument :
BNA_P
ClientSampleId :
SB-03-COMP

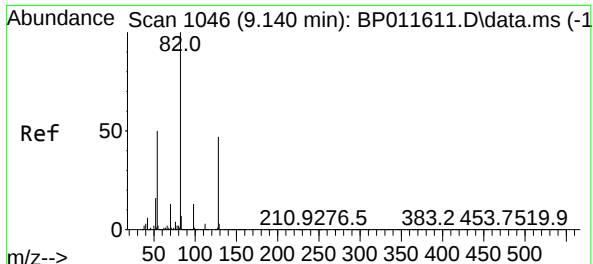
Tgt Ion: 99 Resp: 721677
Ion Ratio Lower Upper
99 100
42 15.8 20.3 30.5#
71 30.2 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion:136 Resp: 223823
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.6 8.7 13.1#
68 5.4 4.8 7.2

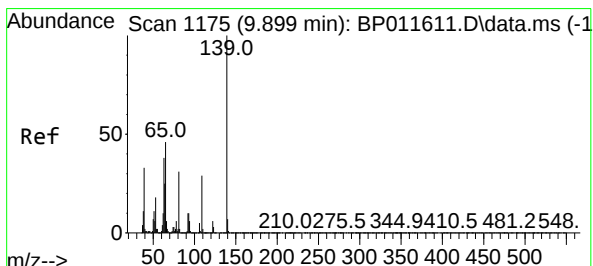
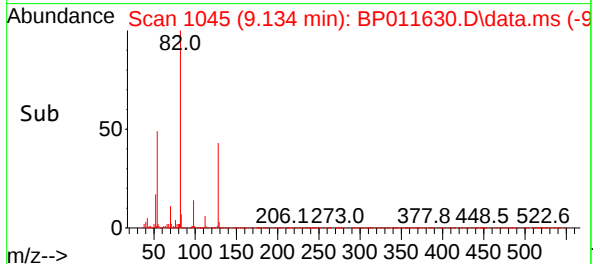
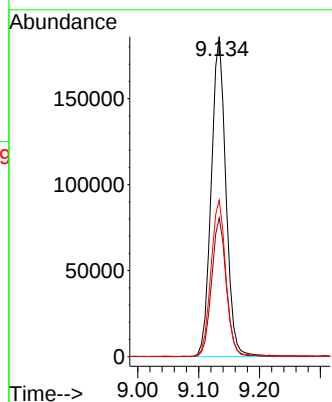
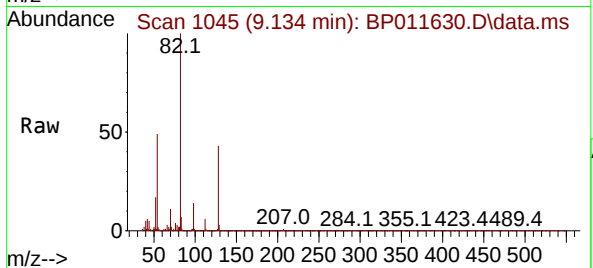




#23
Nitrobenzene-d5
Concen: 85.189 ng
RT: 9.134 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

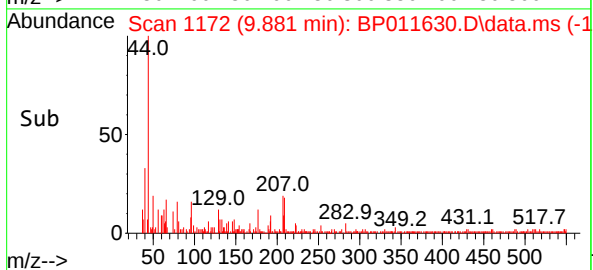
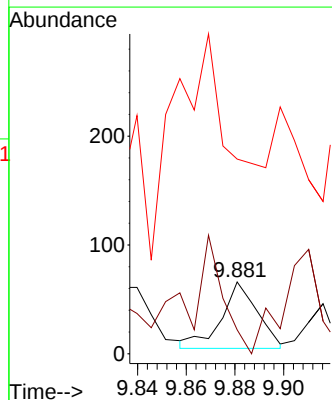
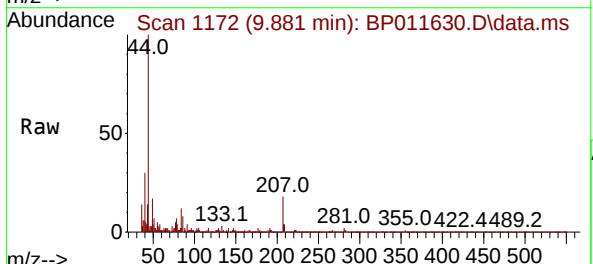
Instrument :
BNA_P
ClientSampleId :
SB-03-COMP

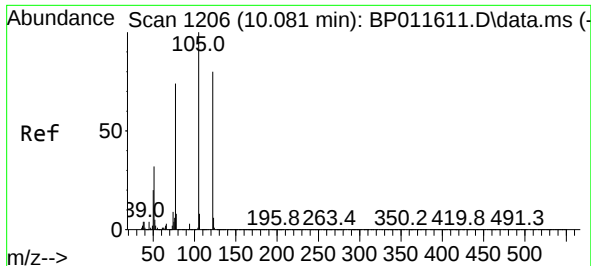
Tgt Ion: 82 Resp: 310622
Ion Ratio Lower Upper
82 100
128 43.3 31.3 46.9
54 49.0 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.923 ng
RT: 9.881 min Scan# 1172
Delta R.T. -0.018 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion:139 Resp: 62
Ion Ratio Lower Upper
139 100
109 33.3 30.2 45.4
65 271.2 52.2 78.2#

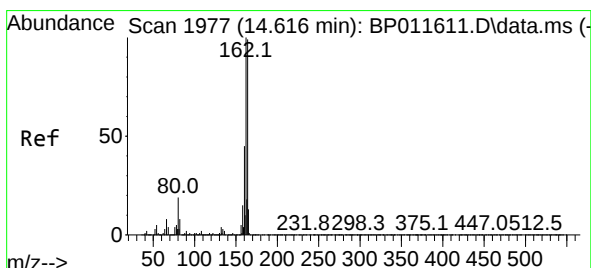
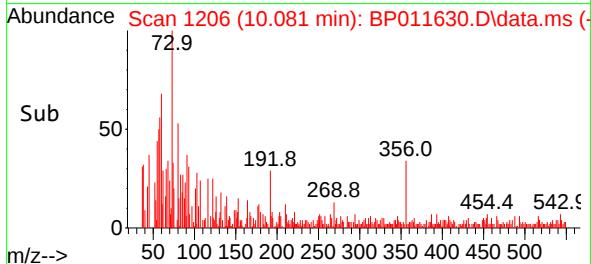
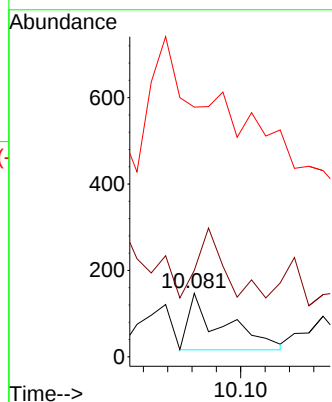
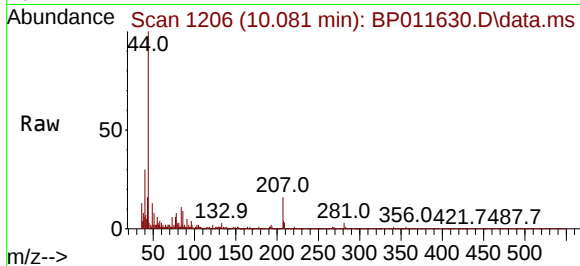




#32
Benzoic acid
Concen: 8.654 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

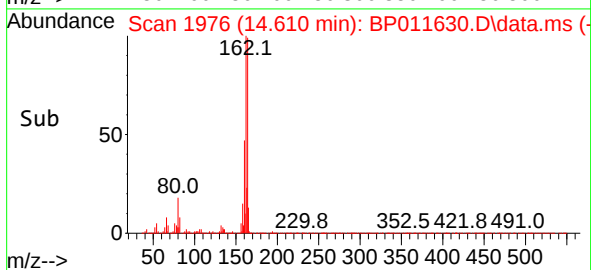
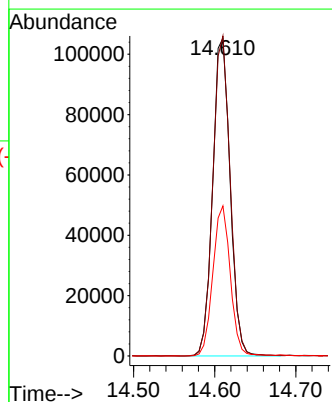
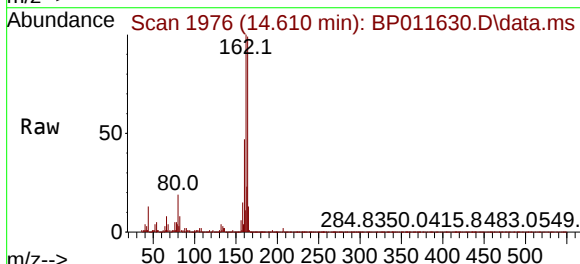
Instrument :
BNA_P
ClientSampleId :
SB-03-COMP

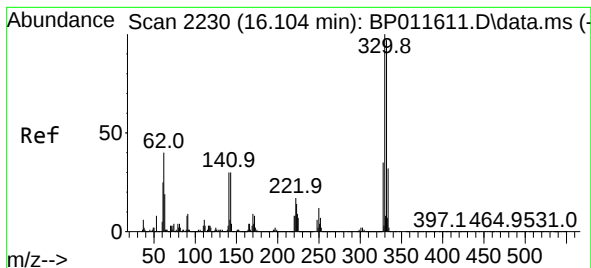
Tgt Ion:122 Resp: 131
Ion Ratio Lower Upper
122 100
105 122.0 112.6 152.6
77 352.4 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion:164 Resp: 157301
Ion Ratio Lower Upper
164 100
162 100.7 81.9 122.9
160 47.2 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 164.096 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011630.D

Acq: 06 Sep 2022 17:49

Instrument :

BNA_P

ClientSampleId :

SB-03-COMP

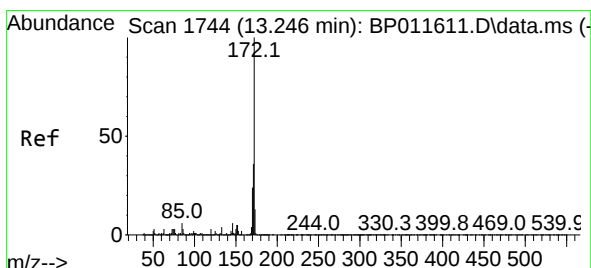
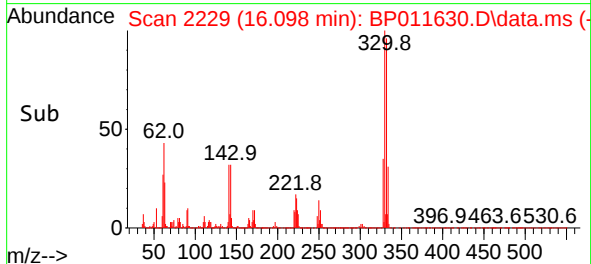
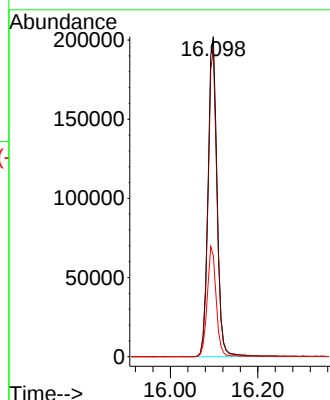
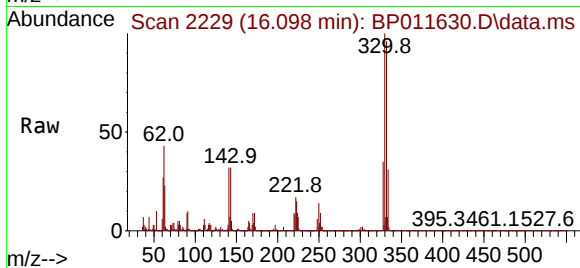
Tgt Ion:330 Resp: 291640

Ion Ratio Lower Upper

330 100

332 94.6 78.1 117.1

141 34.0 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 86.087 ng

RT: 13.234 min Scan# 1742

Delta R.T. -0.012 min

Lab File: BP011630.D

Acq: 06 Sep 2022 17:49

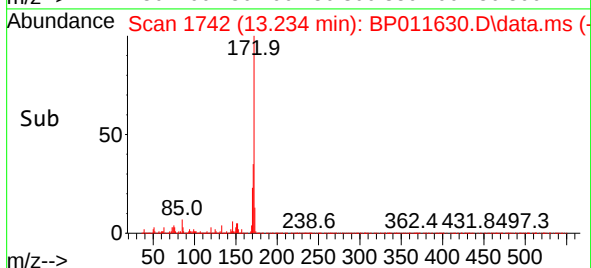
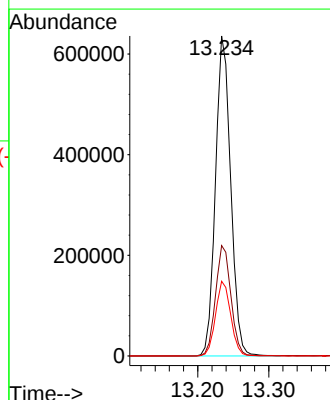
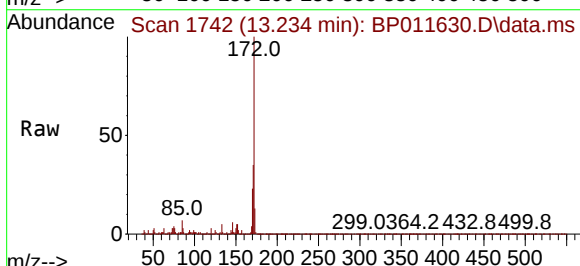
Tgt Ion:172 Resp: 946966

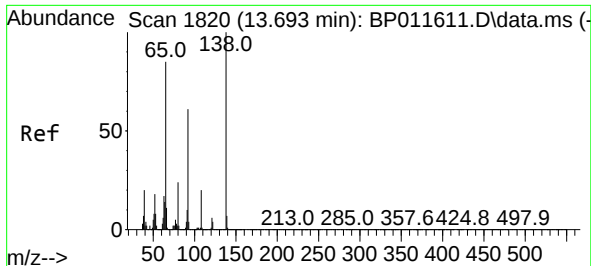
Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.4 18.2 27.2

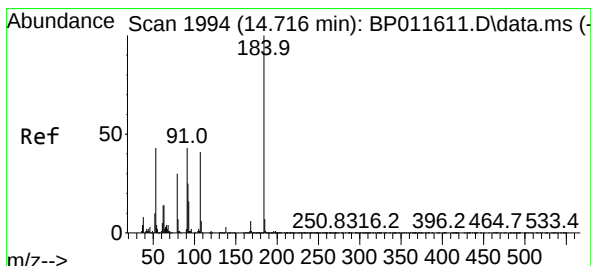
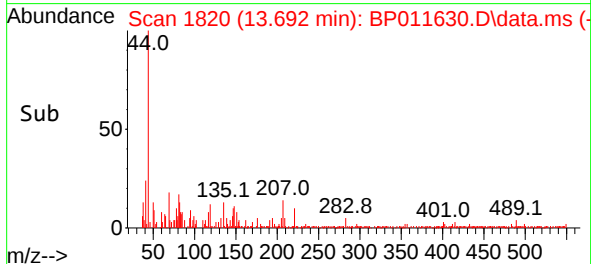
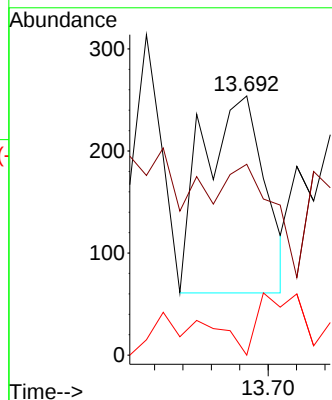
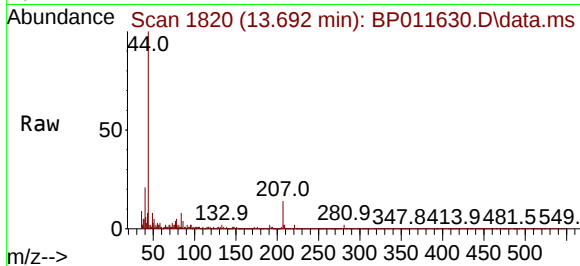




#48
2-Nitroaniline
Concen: 3.514 ng
RT: 13.692 min Scan# 1820
Delta R.T. -0.001 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

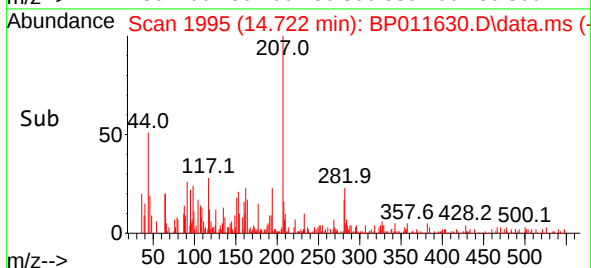
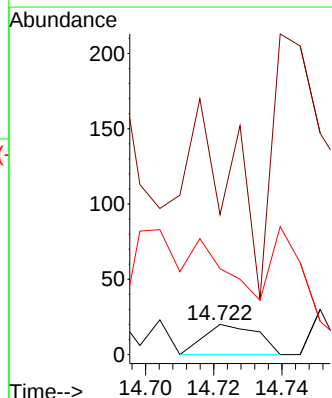
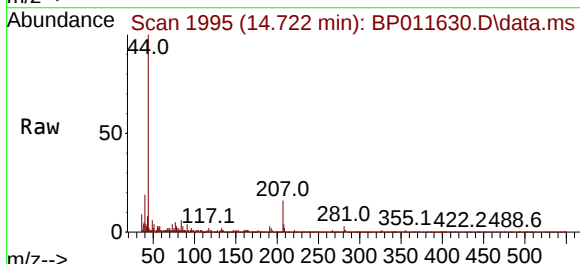
Instrument :
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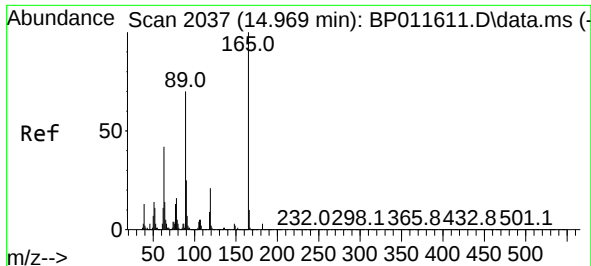
Tgt Ion: 65 Resp: 291
Ion Ratio Lower Upper
65 100
92 73.6 50.0 75.0
138 0.0 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.474 ng
RT: 14.722 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion: 184 Resp: 22
Ion Ratio Lower Upper
184 100
63 465.0 65.4 98.2#
154 285.0 55.4 83.2#

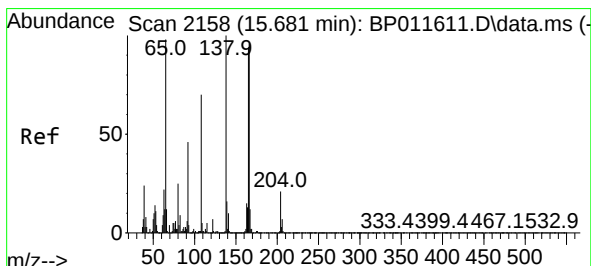
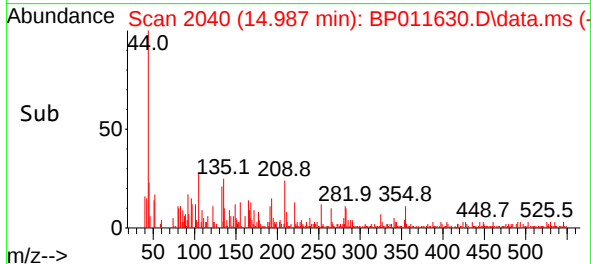
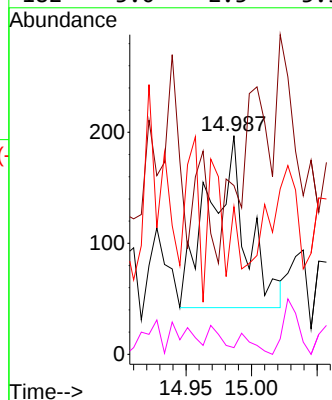
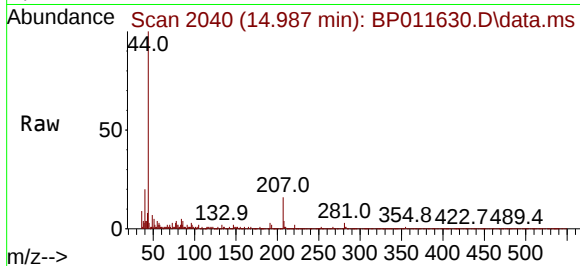




#57
2,4-Dinitrotoluene
Concen: 3.733 ng
RT: 14.987 min Scan# 2037
Delta R.T. 0.018 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

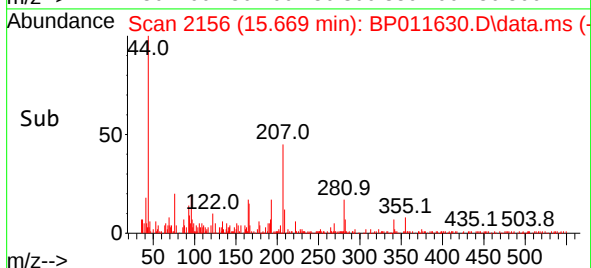
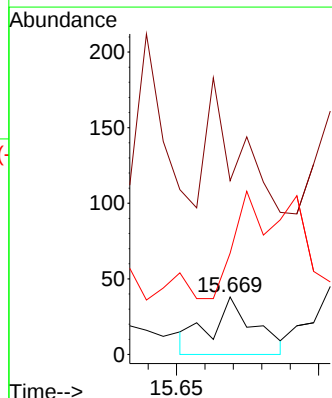
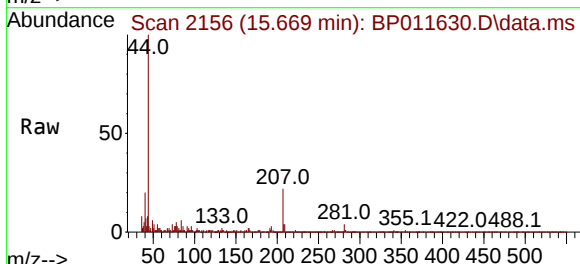
Instrument :
BNA_P
ClientSampleId :
SB-03-COMP

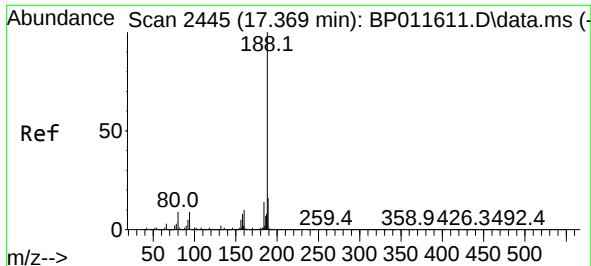
Tgt Ion:165 Resp: 306
Ion Ratio Lower Upper
165 100
63 77.2 46.2 69.2#
89 67.5 65.8 98.8
182 3.0 2.3 3.5



#62
4-Nitroaniline
Concen: 2.659 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion:138 Resp: 41
Ion Ratio Lower Upper
138 100
92 302.6 38.0 78.0#
108 176.3 77.6 117.6#

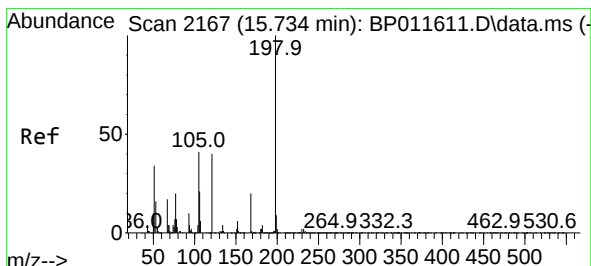
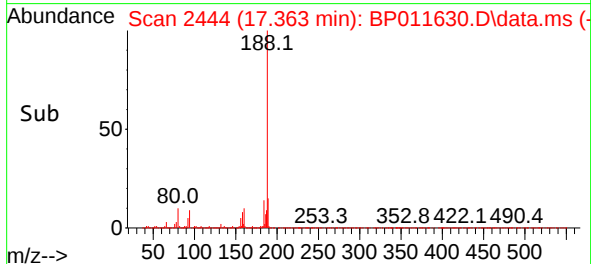
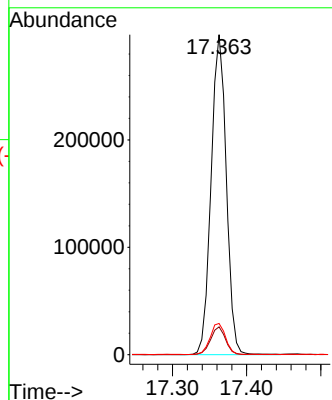
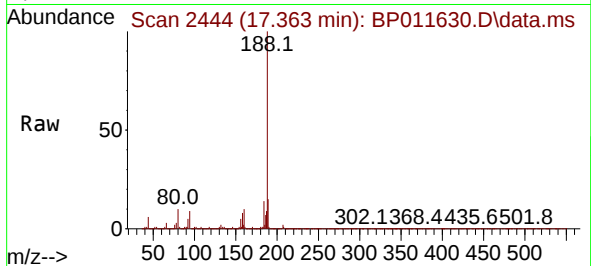




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

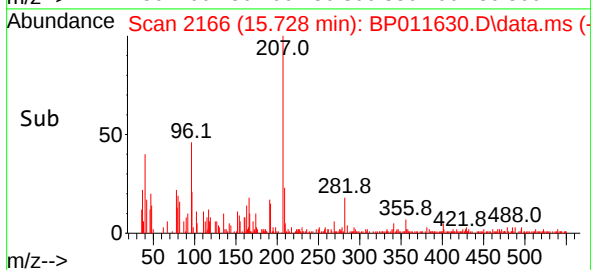
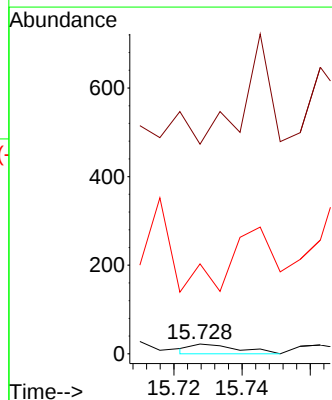
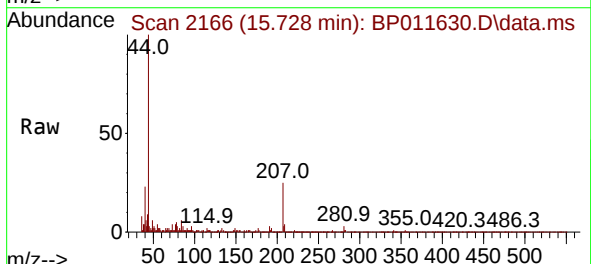
Instrument :
BNA_P
ClientSampleId :
SB-03-COMP

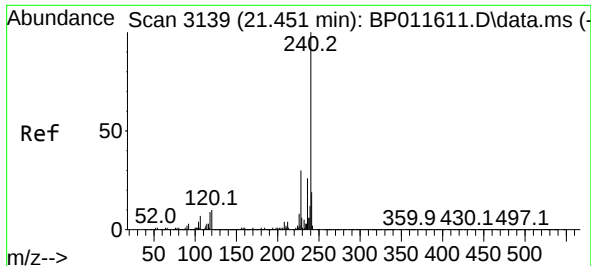
Tgt Ion:188 Resp: 423523
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.899 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
51 2150.0 41.2 81.2#
105 922.7 25.3 65.3#

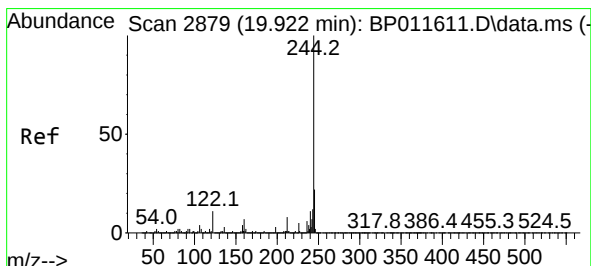
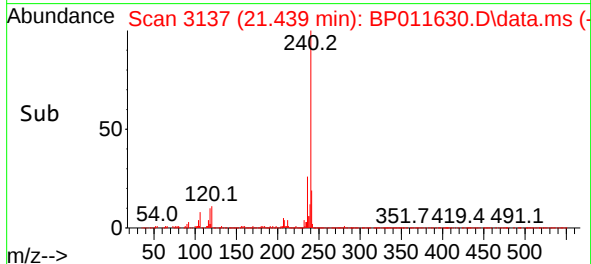
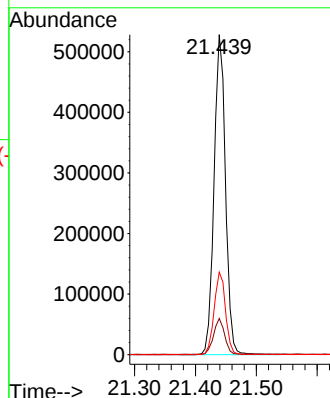
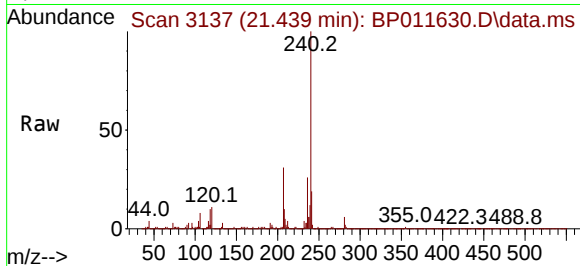




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

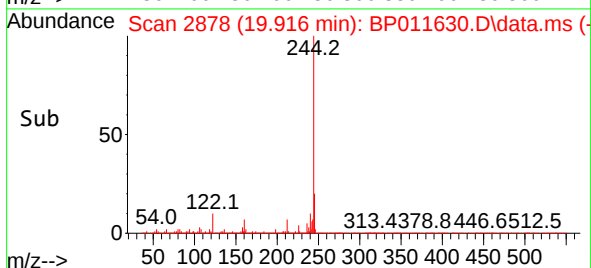
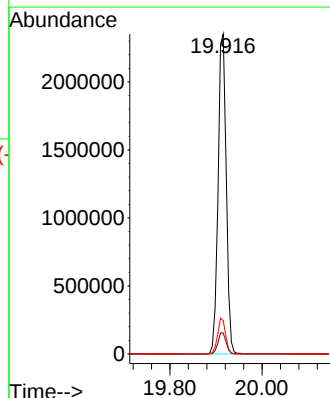
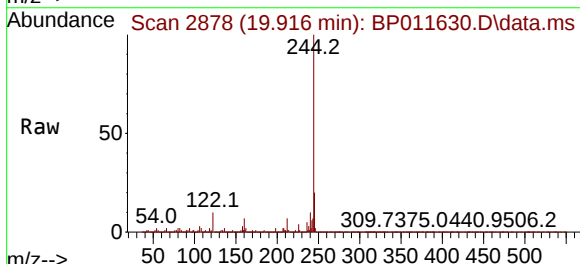
Instrument :
BNA_P
ClientSampleId :
SB-03-COMP

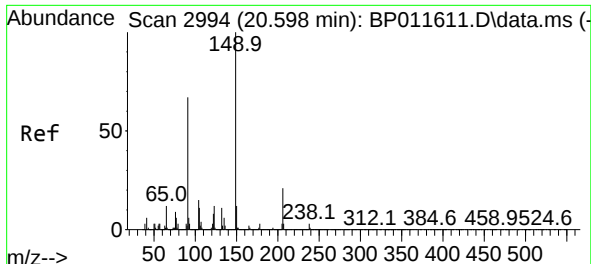
Tgt Ion:240 Resp: 688115
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.8 19.8 29.6



#79
Terphenyl-d14
Concen: 87.568 ng
RT: 19.916 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion:244 Resp: 2876928
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 10.5 7.6 11.4

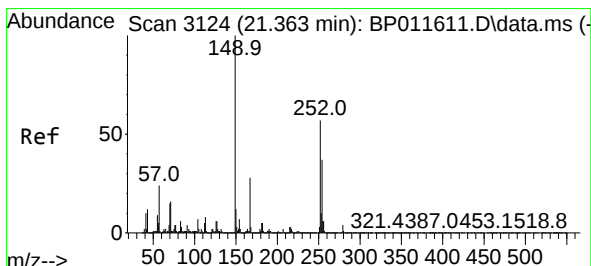
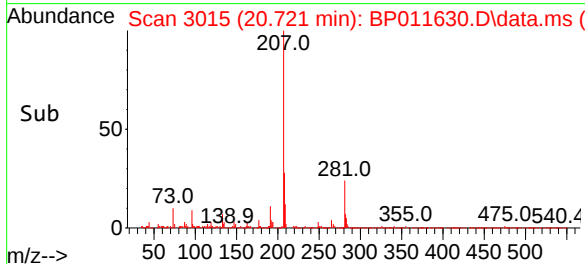
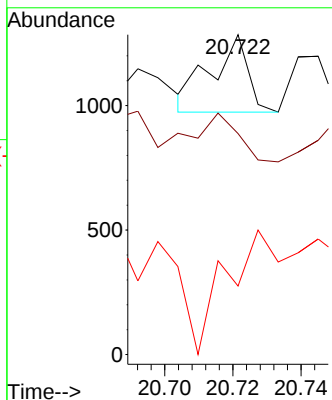
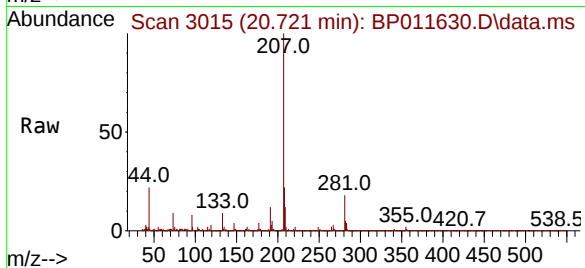




#80
Butylbenzylphthalate
Concen: 3.723 ng
RT: 20.721 min Scan# 3015
Delta R.T. 0.123 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

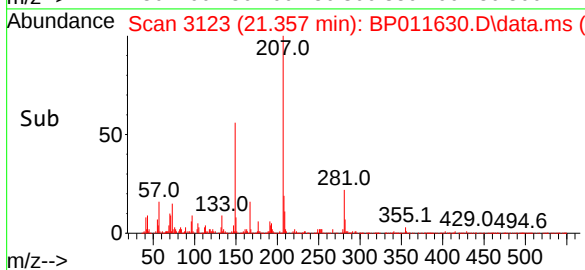
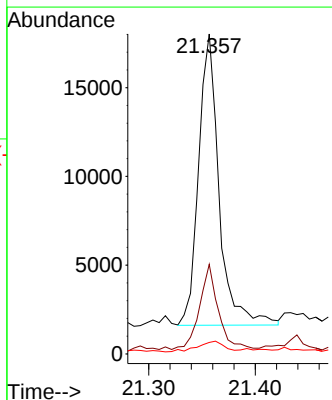
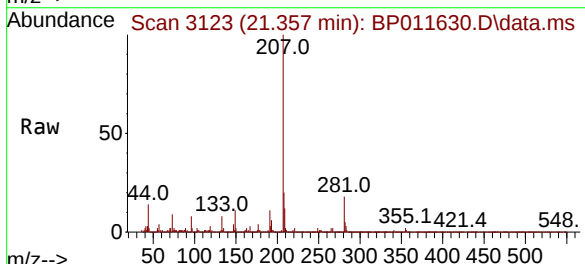
Instrument :
BNA_P
ClientSampleId :
SB-03-COMP

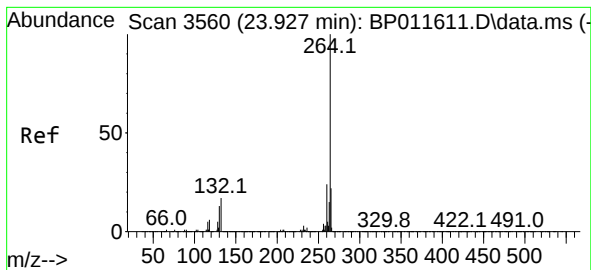
Tgt Ion:149 Resp: 233
Ion Ratio Lower Upper
149 100
91 69.1 62.5 93.7
206 21.4 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.679 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP011630.D
Acq: 06 Sep 2022 17:49

Tgt Ion:149 Resp: 22007
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 3.6 3.7 5.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.910 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP011630.D
 Acq: 06 Sep 2022 17:49

Instrument :
 BNA_P
 ClientSampleId :
 SB-03-COMP

Tgt Ion:264 Resp: 1015980
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 22.0 18.0 27.0

