

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090622\
 Data File : BP011635.D
 Acq On : 06 Sep 2022 20:42
 Operator : CG/JU
 Sample : N4501-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-08-COMP

Quant Time: Sep 07 03:48:56 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)

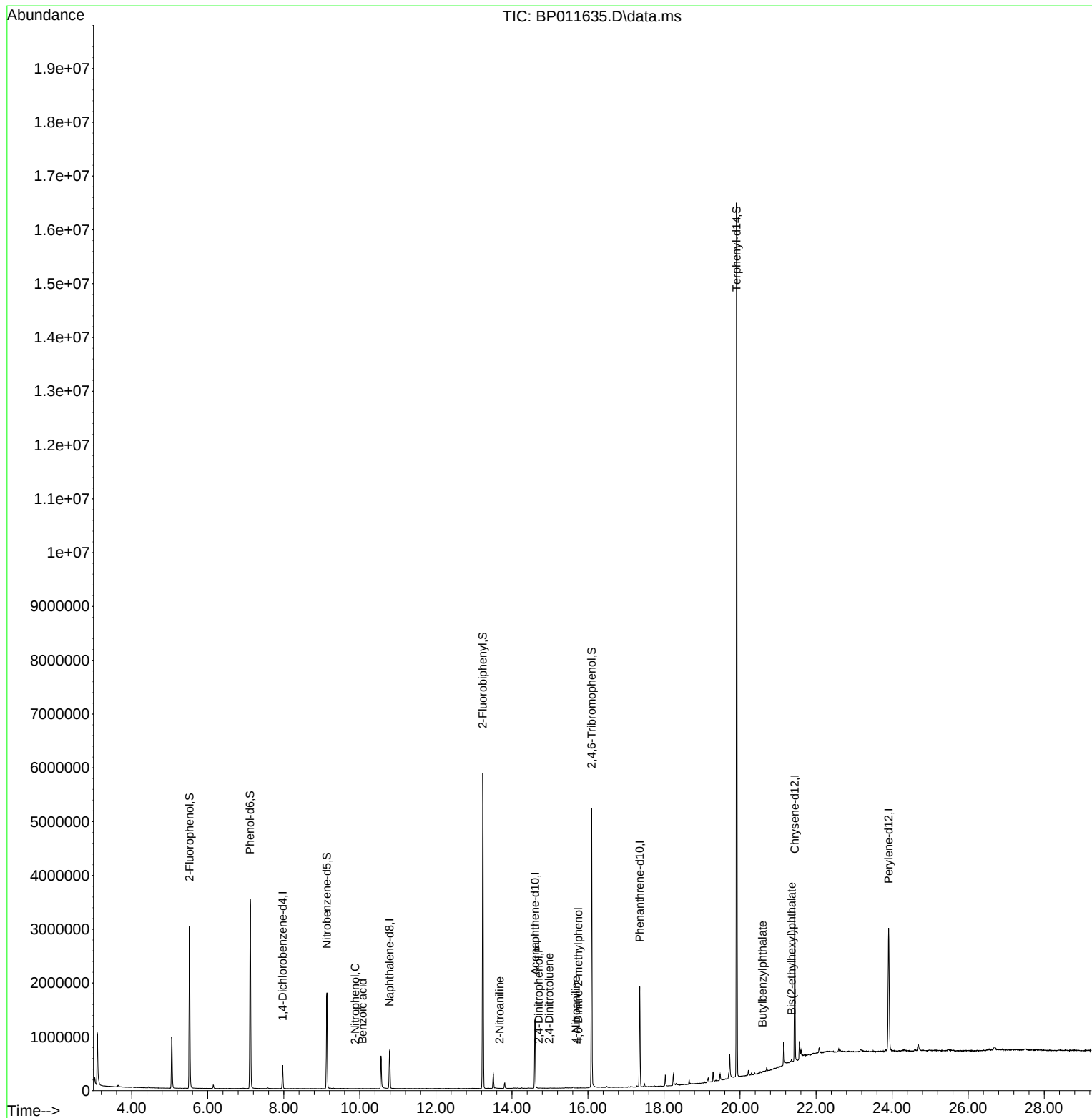
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	121205	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	590782	20.000	ng	#-0.01
39) Acenaphthene-d10	14.610	164	426508	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1085180	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1416578	20.000	ng	-0.01
86) Perylene-d12	23.910	264	1739555	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1448436	211.353	ng	0.00
7) Phenol-d6	7.116	99	2159943	238.190	ng	-0.01
23) Nitrobenzene-d5	9.134	82	993728	103.251	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	947649	196.653	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	3041714	101.983	ng	-0.01
79) Terphenyl-d14	19.910	244	7623751	112.722	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.881	139	20	4.894	ng	# 1
32) Benzoic acid	10.069	122	151	8.623	ng	# 47
48) 2-Nitroaniline	13.675	65	379	3.456	ng	# 43
54) 2,4-Dinitrophenol	14.704	184	27	6.462	ng	# 1
57) 2,4-Dinitrotoluene	14.981	165	81	3.653	ng	# 1
62) 4-Nitroaniline	15.686	138	103	2.658	ng	# 36
65) 4,6-Dinitro-2-methylph...	15.745	198	36	7.896	ng	# 1
80) Butylbenzylphthalate	20.592	149	1665	3.752	ng	# 43
84) Bis(2-ethylhexyl)phtha...	21.357	149	14976	2.153	ng	98

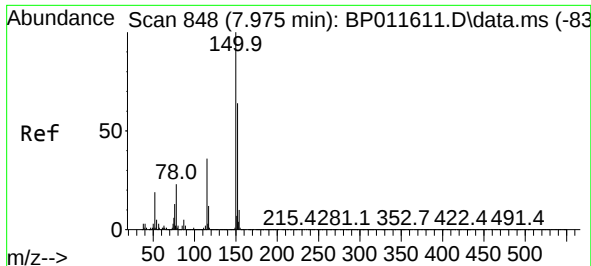
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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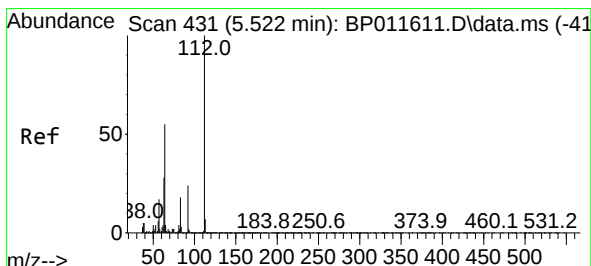
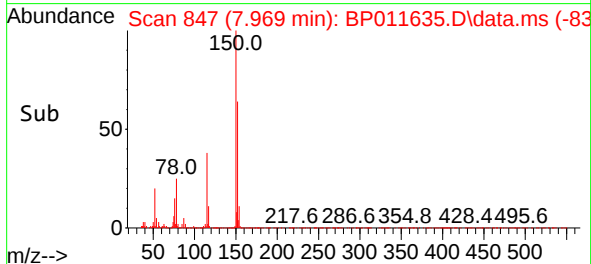
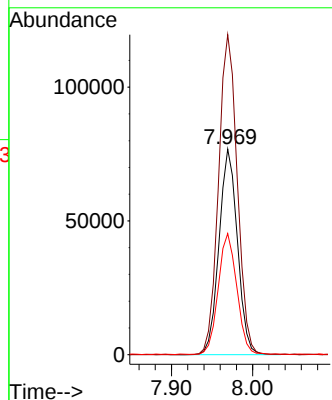
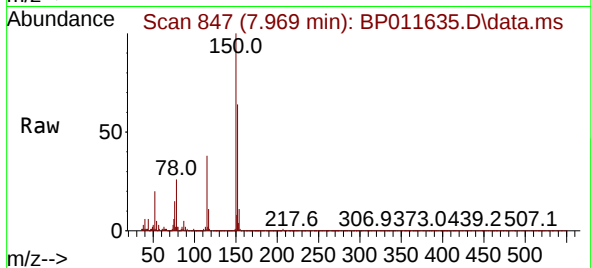




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

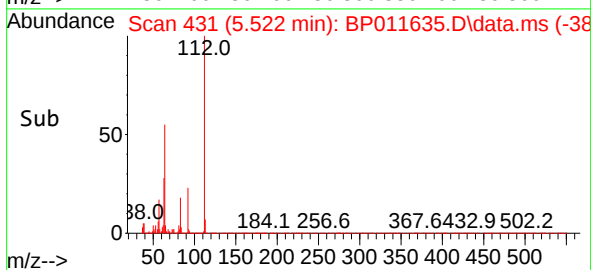
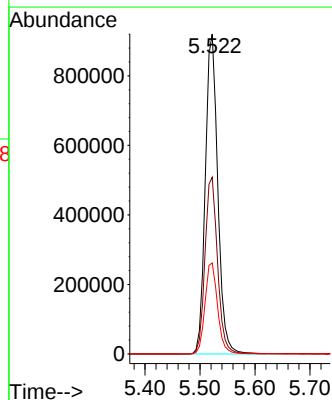
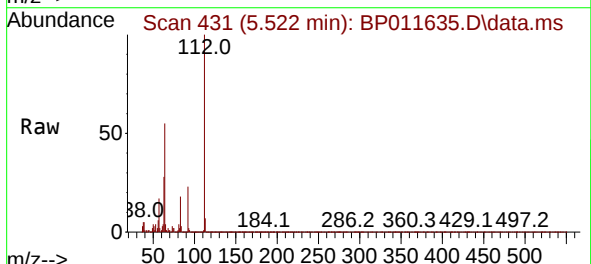
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

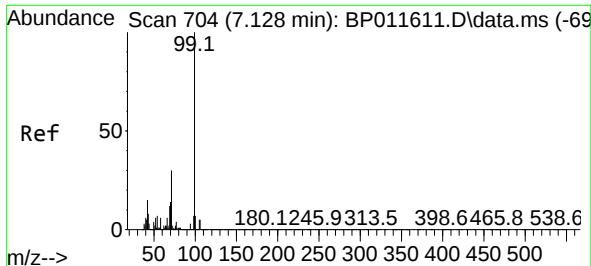
Tgt Ion:152 Resp: 121205
Ion Ratio Lower Upper
152 100
150 155.6 123.4 185.2
115 58.9 51.3 76.9



#5
2-Fluorophenol
Concen: 211.353 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.000 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

Tgt Ion:112 Resp: 1448436
Ion Ratio Lower Upper
112 100
64 55.3 56.9 85.3#
63 28.4 31.2 46.8#

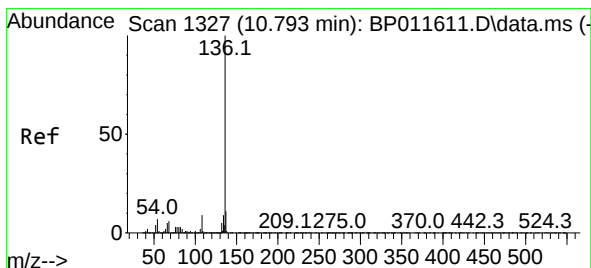
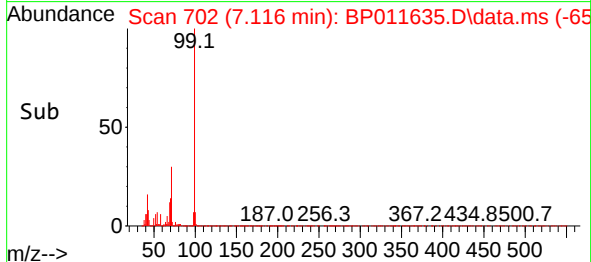
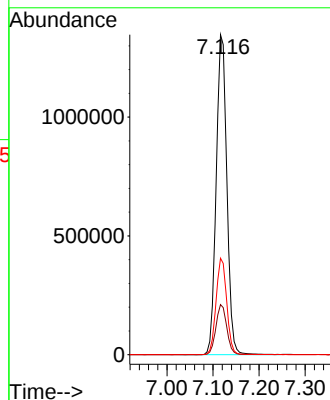
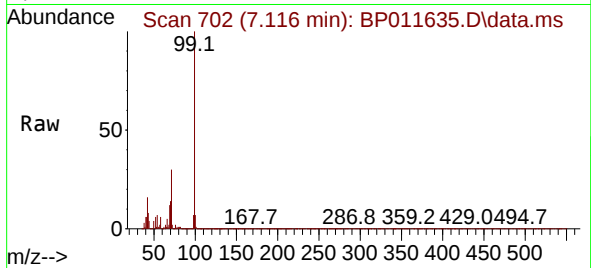




#7
Phenol-d6
Concen: 238.190 ng
RT: 7.116 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

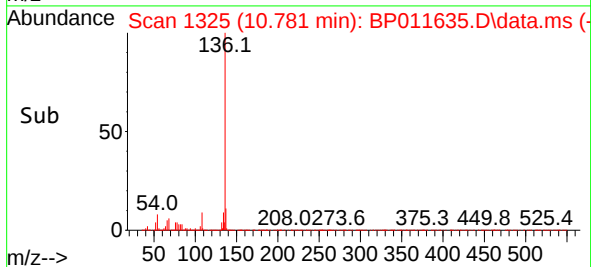
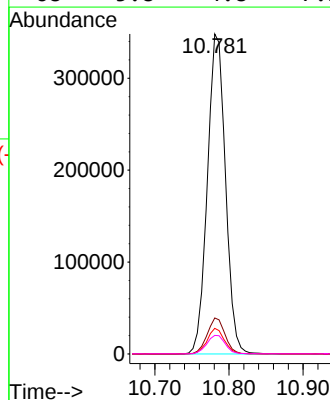
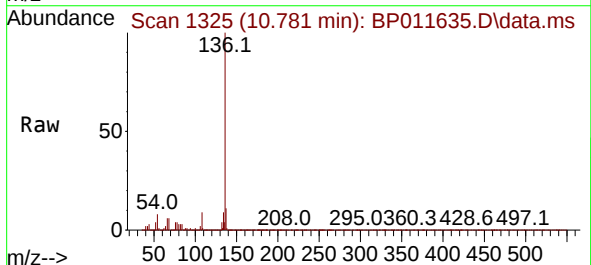
Instrument :
BNA_P
ClientSampleId :
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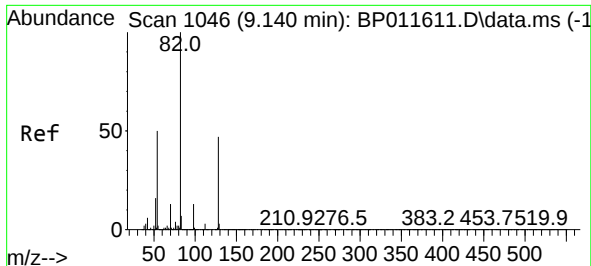
Tgt Ion: 99 Resp: 2159943
Ion Ratio Lower Upper
99 100
42 15.6 20.3 30.5#
71 30.1 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

Tgt Ion:136 Resp: 590782
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.0 8.7 13.1#
68 5.8 4.8 7.2

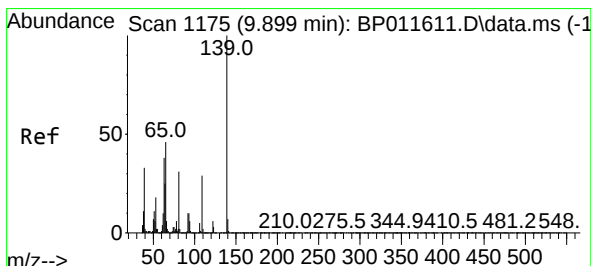
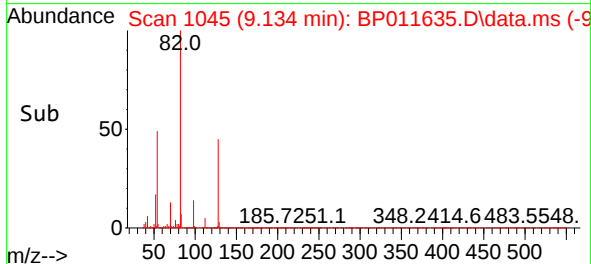
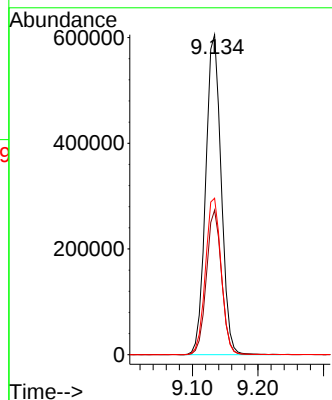
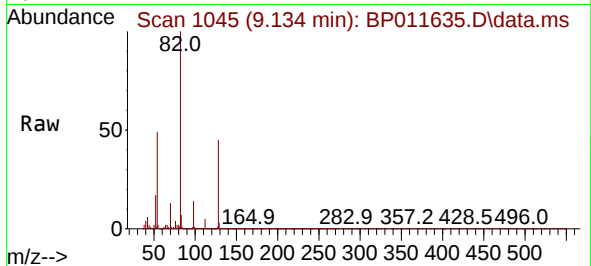




#23
Nitrobenzene-d5
Concen: 103.251 ng
RT: 9.134 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

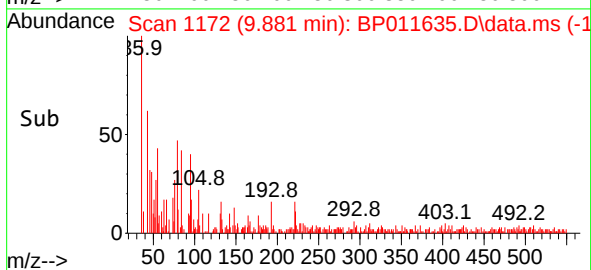
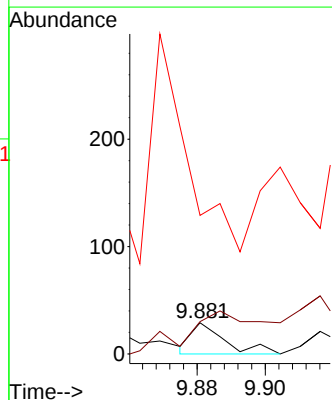
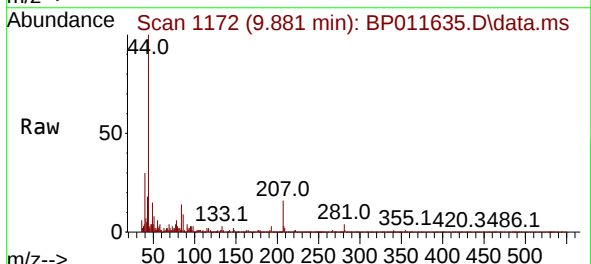
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

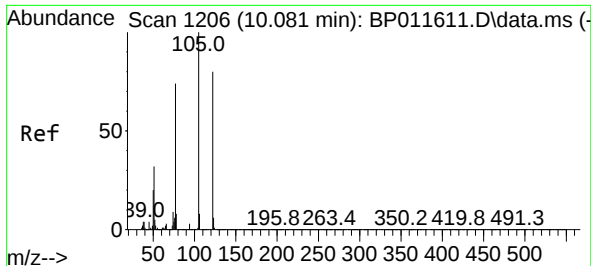
Tgt Ion: 82 Resp: 993728
Ion Ratio Lower Upper
82 100
128 45.2 31.3 46.9
54 48.9 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.894 ng
RT: 9.881 min Scan# 1172
Delta R.T. -0.018 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 103.4 30.2 45.4#
65 444.8 52.2 78.2#

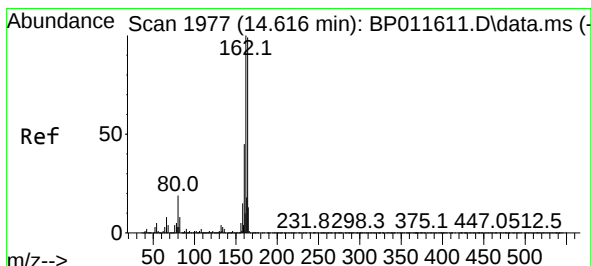
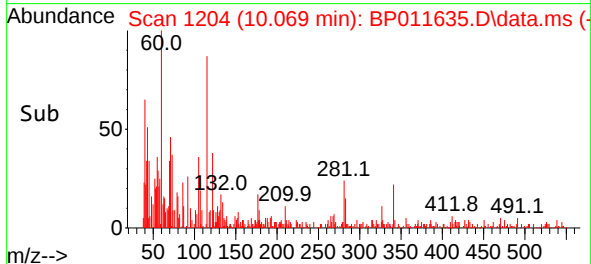
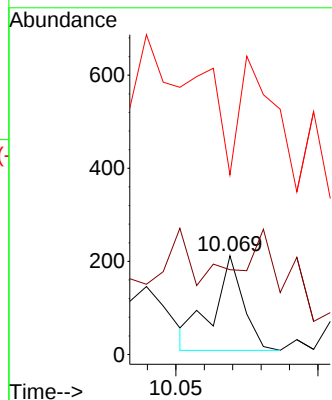
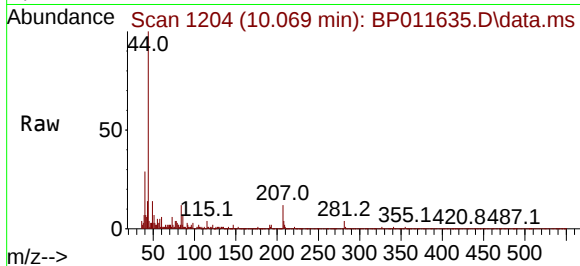




#32
Benzoic acid
Concen: 8.623 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

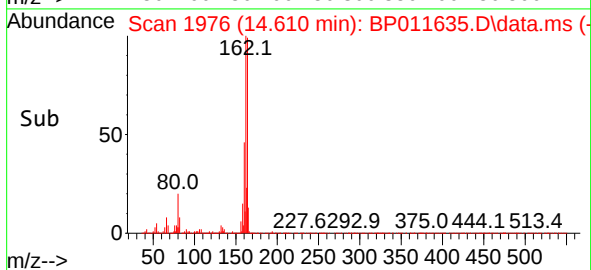
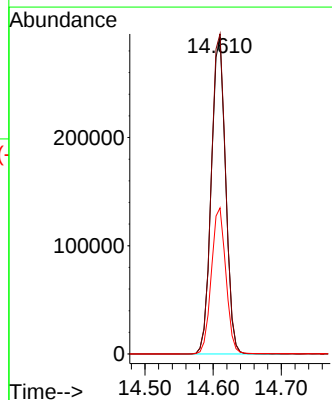
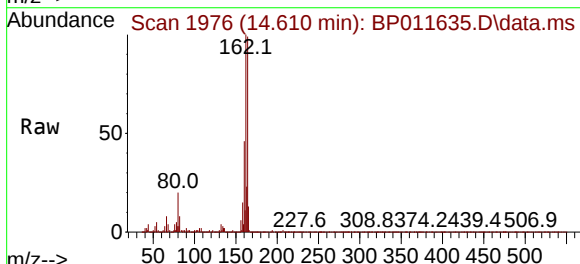
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

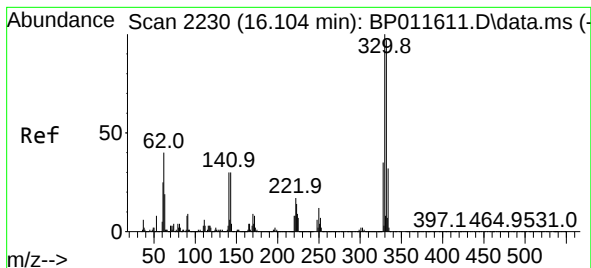
Tgt Ion:122 Resp: 151
Ion Ratio Lower Upper
122 100
105 85.8 112.6 152.6#
77 182.1 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

Tgt Ion:164 Resp: 426508
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 46.1 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 196.653 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011635.D

Acq: 06 Sep 2022 20:42

Instrument :

BNA_P

ClientSampleId :

SB-08-COMP

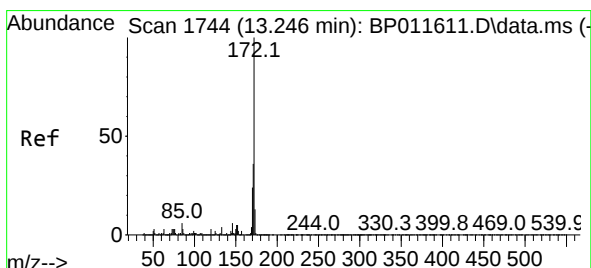
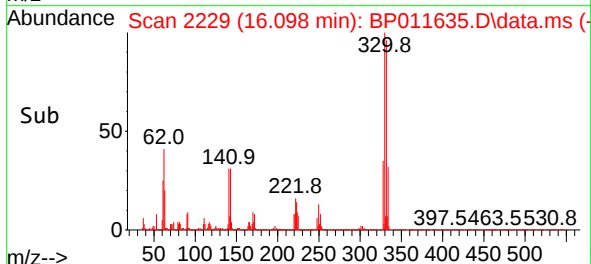
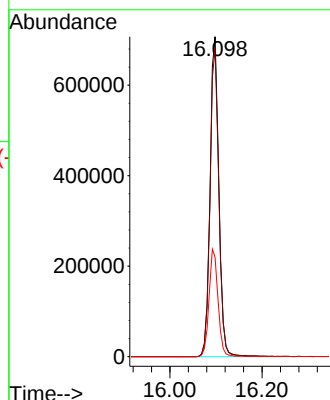
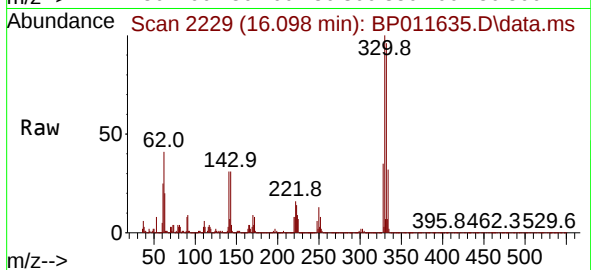
Tgt Ion:330 Resp: 947649

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

141 34.4 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 101.983 ng

RT: 13.234 min Scan# 1742

Delta R.T. -0.012 min

Lab File: BP011635.D

Acq: 06 Sep 2022 20:42

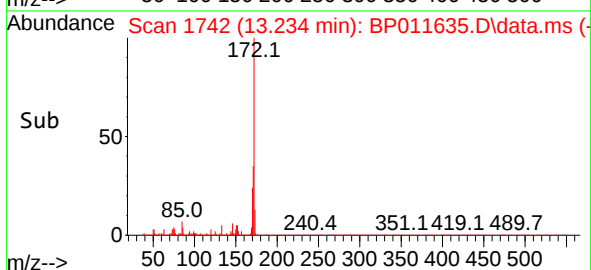
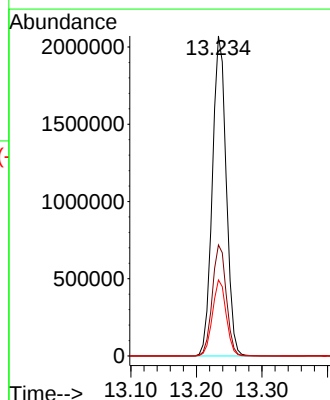
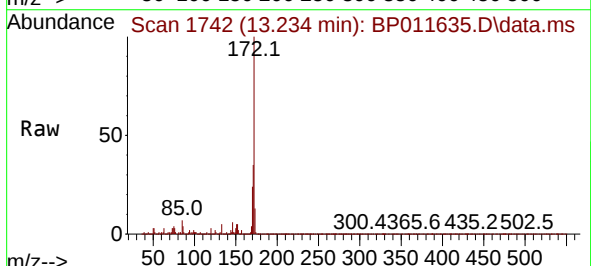
Tgt Ion:172 Resp: 3041714

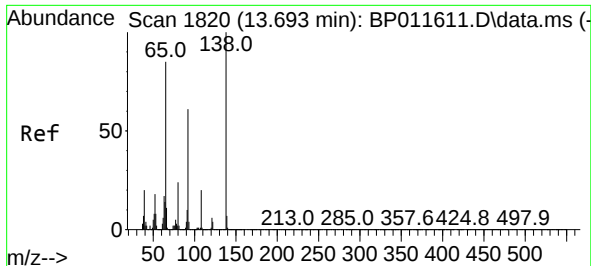
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.7 18.2 27.2

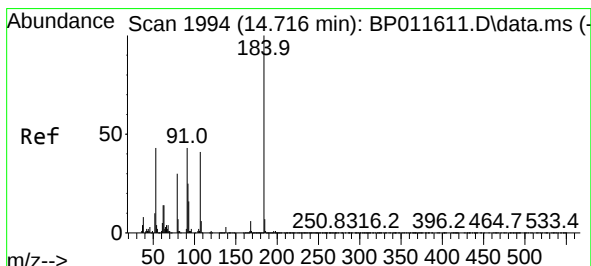
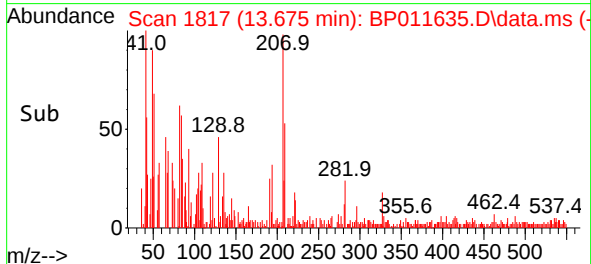
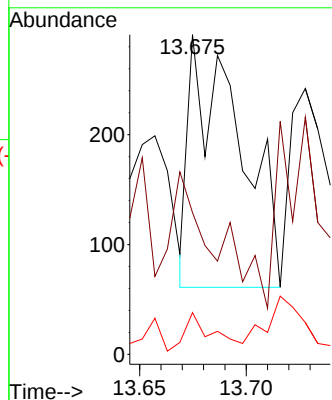
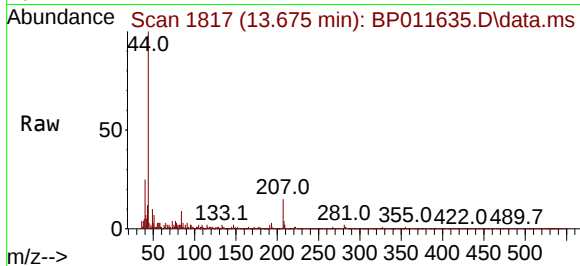




#48
2-Nitroaniline
Concen: 3.456 ng
RT: 13.675 min Scan# 1817
Delta R.T. -0.018 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

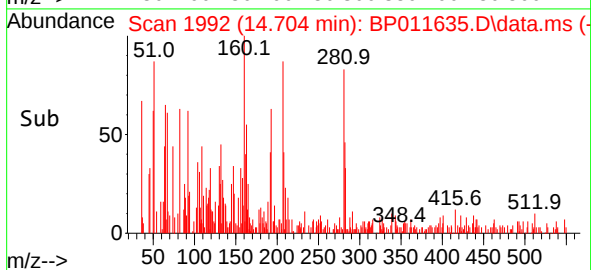
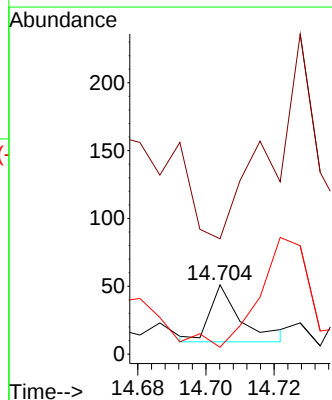
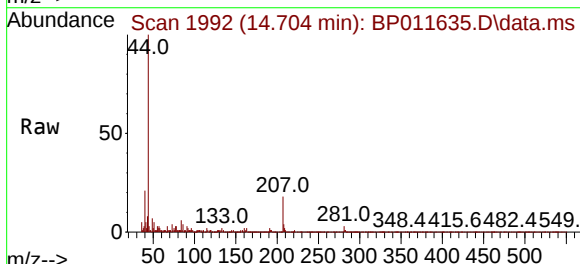
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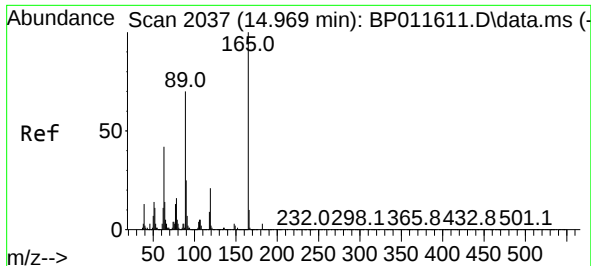
Tgt Ion: 65 Resp: 379
Ion Ratio Lower Upper
65 100
92 44.3 50.0 75.0#
138 13.1 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.462 ng
RT: 14.704 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BP011635.D
Acq: 06 Sep 2022 20:42

Tgt Ion: 184 Resp: 27
Ion Ratio Lower Upper
184 100
63 376.5 65.4 98.2#
154 25.5 55.4 83.2#





#57

2,4-Dinitrotoluene

Concen: 3.653 ng

RT: 14.981 min Scan# 2037

Delta R.T. 0.012 min

Lab File: BP011635.D

Acq: 06 Sep 2022 20:42

Instrument :

BNA_P

ClientSampleId :

SB-08-COMP

Tgt Ion:165 Resp: 81

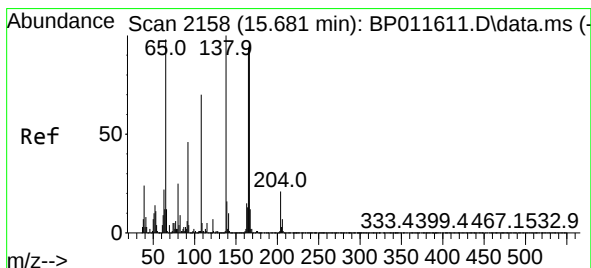
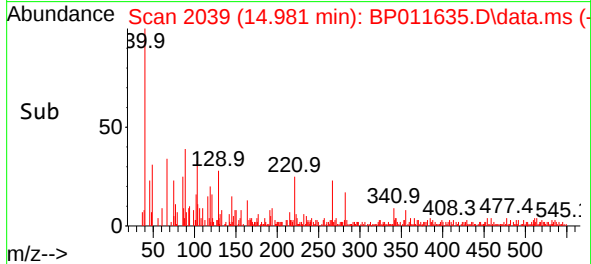
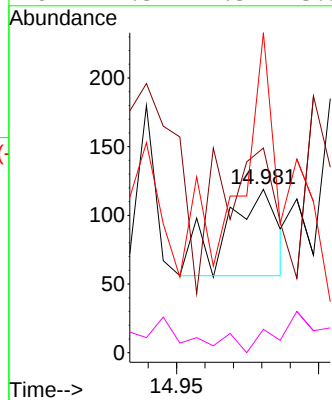
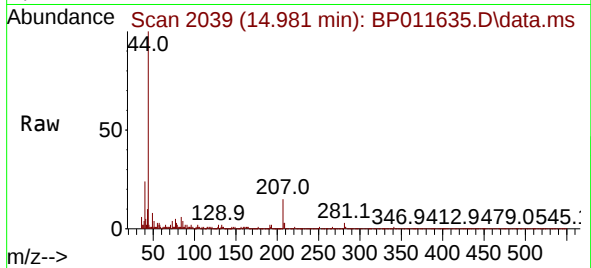
Ion Ratio Lower Upper

165 100

63 125.2 46.2 69.2#

89 195.8 65.8 98.8#

182 14.3 2.3 3.5#



#62

4-Nitroaniline

Concen: 2.658 ng

RT: 15.686 min Scan# 2159

Delta R.T. 0.005 min

Lab File: BP011635.D

Acq: 06 Sep 2022 20:42

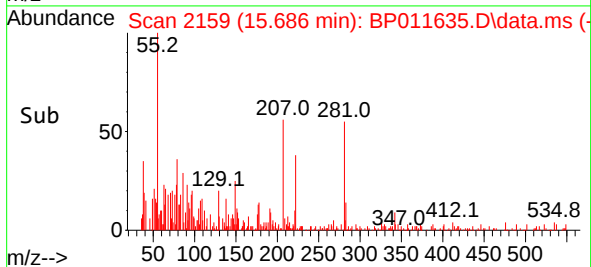
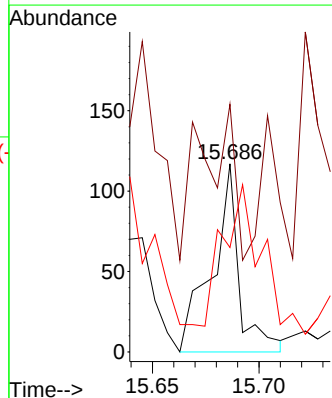
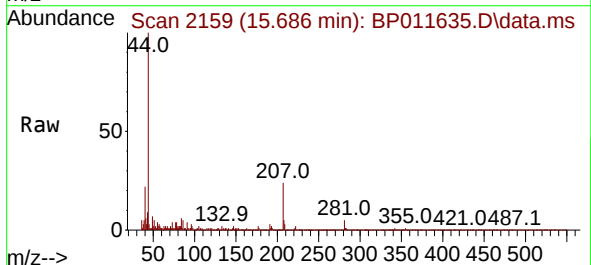
Tgt Ion:138 Resp: 103

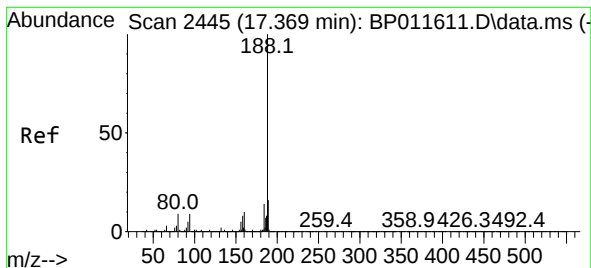
Ion Ratio Lower Upper

138 100

92 131.6 38.0 78.0#

108 55.6 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: BP011635.D

Acq: 06 Sep 2022 20:42

Instrument :

BNA_P

ClientSampleId :

SB-08-COMP

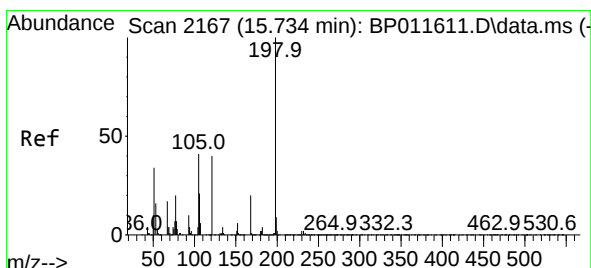
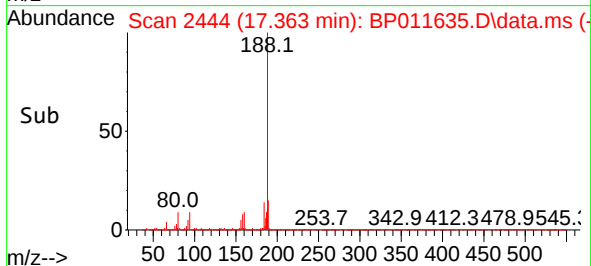
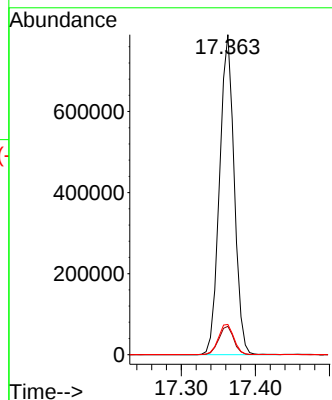
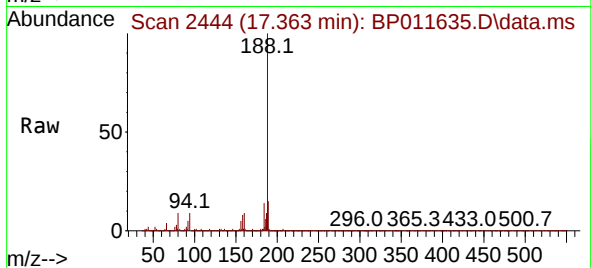
Tgt Ion:188 Resp: 1085180

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.5 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 7.896 ng

RT: 15.745 min Scan# 2169

Delta R.T. 0.011 min

Lab File: BP011635.D

Acq: 06 Sep 2022 20:42

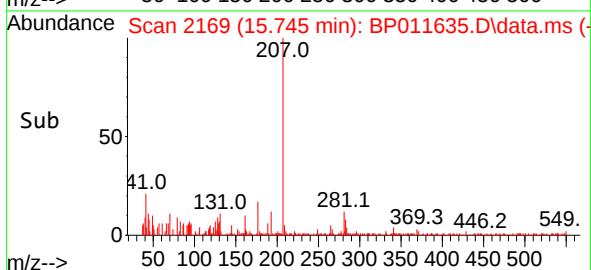
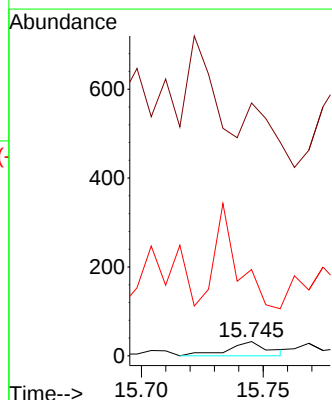
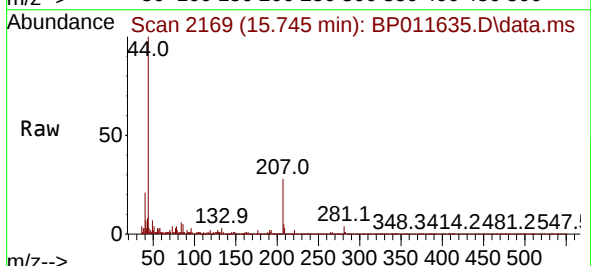
Tgt Ion:198 Resp: 36

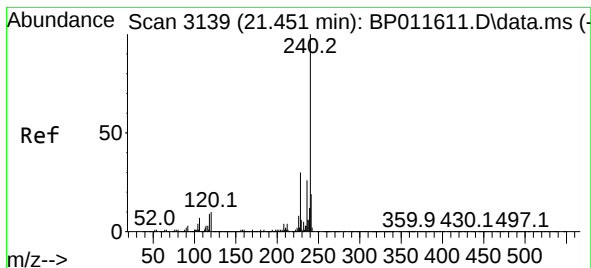
Ion Ratio Lower Upper

198 100

51 1778.1 41.2 81.2#

105 606.3 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: BP011635.D

Acq: 06 Sep 2022 20:42

Instrument :

BNA_P

ClientSampleId :

SB-08-COMP

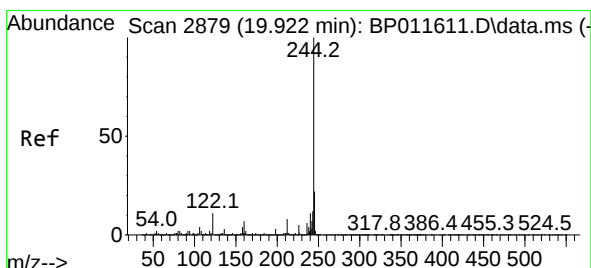
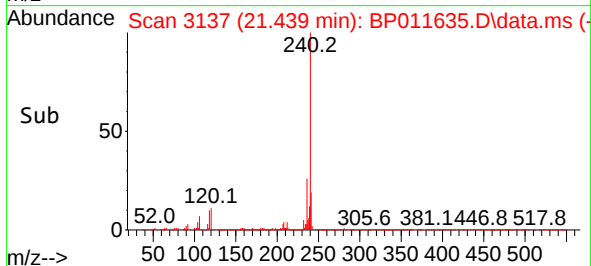
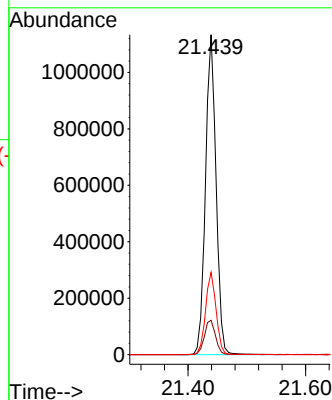
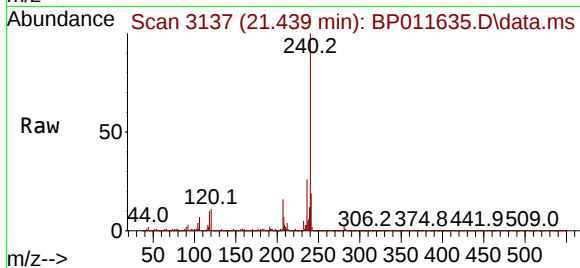
Tgt Ion:240 Resp: 1416578

Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 25.7 19.8 29.6



#79

Terphenyl-d14

Concen: 112.722 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.012 min

Lab File: BP011635.D

Acq: 06 Sep 2022 20:42

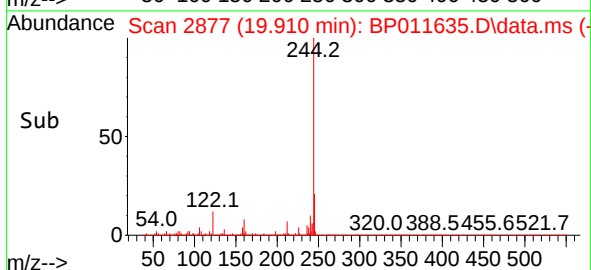
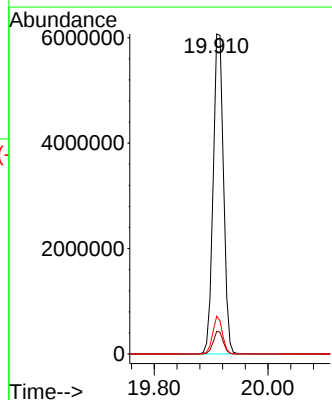
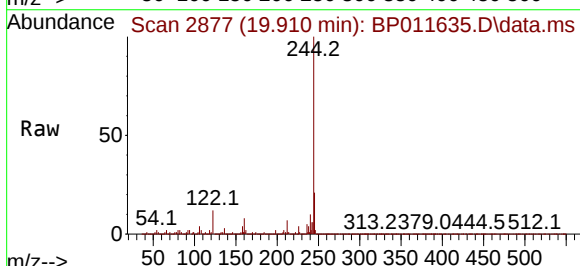
Tgt Ion:244 Resp: 7623751

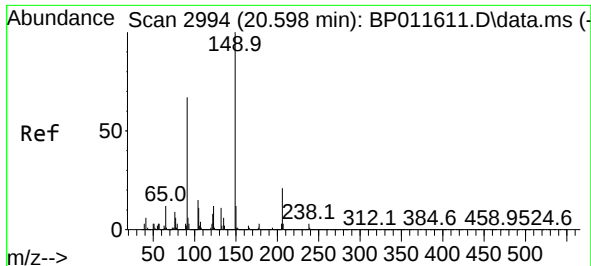
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.8 7.6 11.4#

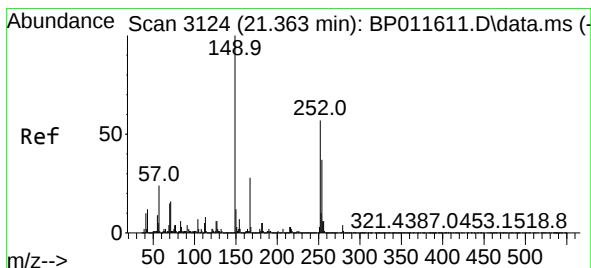
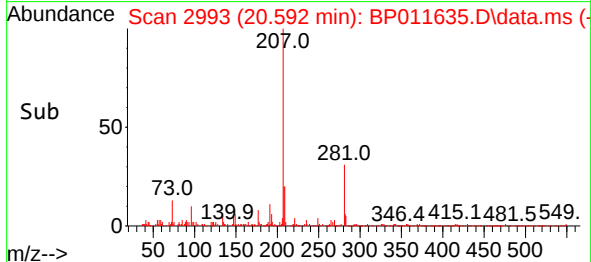
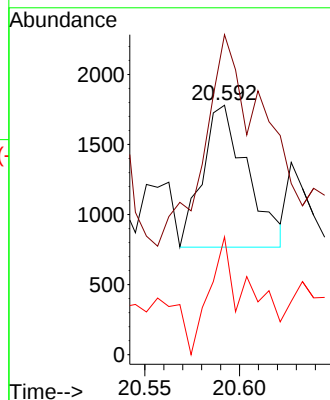
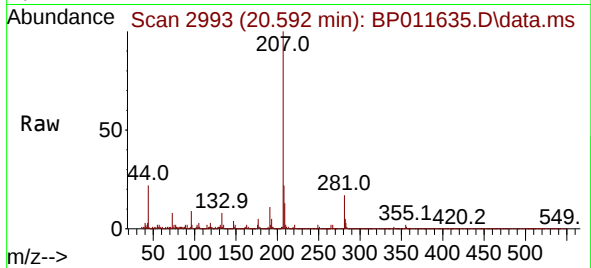




#80
 Butylbenzylphthalate
 Concen: 3.752 ng
 RT: 20.592 min Scan# 2993
 Delta R.T. -0.006 min
 Lab File: BP011635.D
 Acq: 06 Sep 2022 20:42

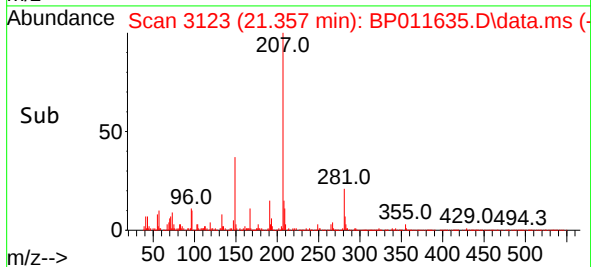
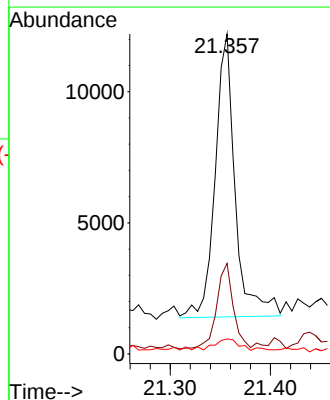
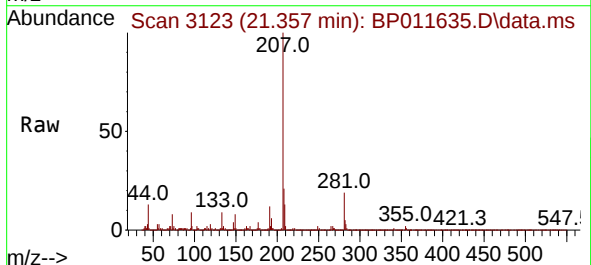
Instrument :
 BNA_P
 ClientSampleId :
 SB-08-COMP

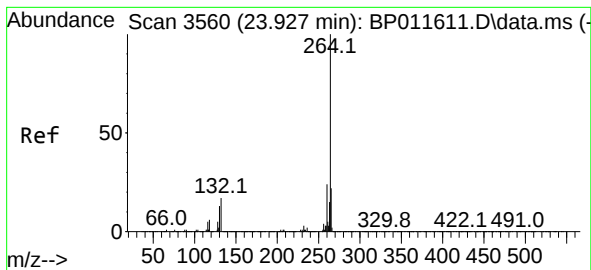
Tgt Ion:149 Resp: 1665
 Ion Ratio Lower Upper
 149 100
 91 128.3 62.5 93.7#
 206 47.2 17.0 25.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.153 ng
 RT: 21.357 min Scan# 3123
 Delta R.T. -0.006 min
 Lab File: BP011635.D
 Acq: 06 Sep 2022 20:42

Tgt Ion:149 Resp: 14976
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 4.7 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: BP011635.D
Acq: 06 Sep 2022 20:42

Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

Tgt Ion:264 Resp: 1739555

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.9	18.0	27.0

