

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090722\
 Data File : BP011645.D
 Acq On : 07 Sep 2022 13:29
 Operator : CG/JU
 Sample : N4500-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-06-COMP

Quant Time: Sep 08 04:03:50 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)

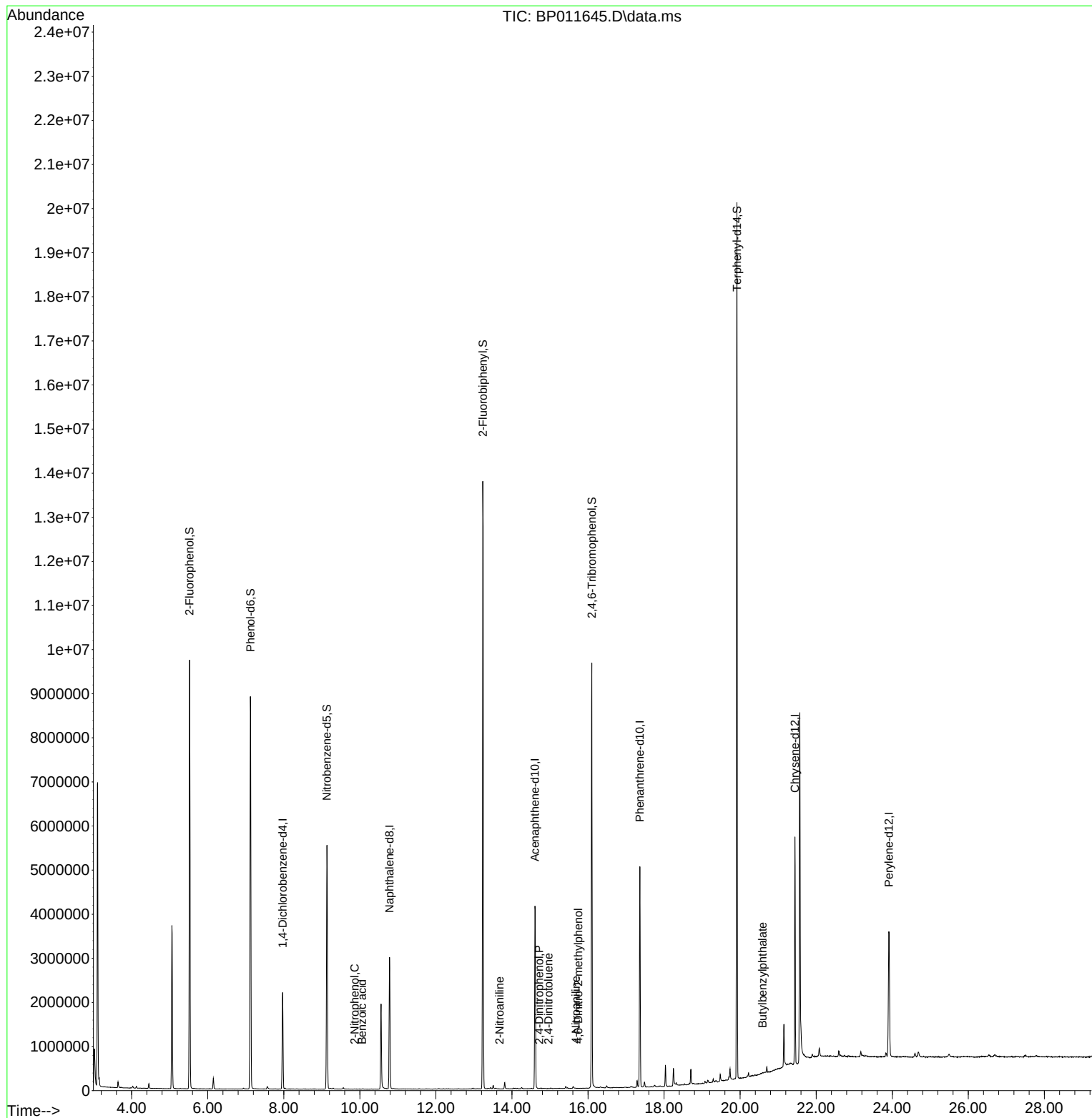
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	611554	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	2511504	20.000	ng	#-0.01
39) Acenaphthene-d10	14.604	164	1455573	20.000	ng	-0.01
64) Phenanthrene-d10	17.363	188	2837723	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2348923	20.000	ng	-0.01
86) Perylene-d12	23.910	264	2108718	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	4329545	125.209	ng	0.00
7) Phenol-d6	7.122	99	5550303	121.306	ng	0.00
23) Nitrobenzene-d5	9.134	82	3171571	77.516	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1648555	100.242	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	7037568	69.139	ng	-0.01
79) Terphenyl-d14	19.916	244	8996830	80.223	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.863	139	99	4.895	ng	# 26
32) Benzoic acid	10.058	122	73	8.601	ng	# 1
48) 2-Nitroaniline	13.675	65	102	3.406	ng	# 45
54) 2,4-Dinitrophenol	14.716	184	52	6.457	ng	# 1
57) 2,4-Dinitrotoluene	14.957	165	463	3.658	ng	# 87
62) 4-Nitroaniline	15.681	138	219	2.653	ng	# 39
65) 4,6-Dinitro-2-methylph...	15.740	198	49	7.893	ng	# 1
80) Butylbenzylphthalate	20.586	149	4786	3.782	ng	# 91

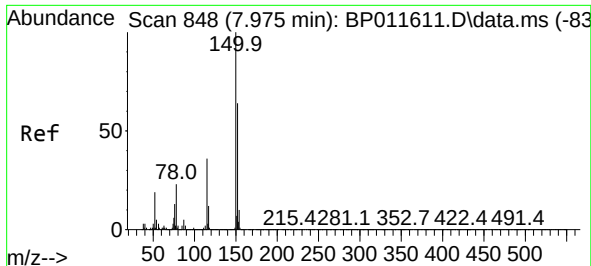
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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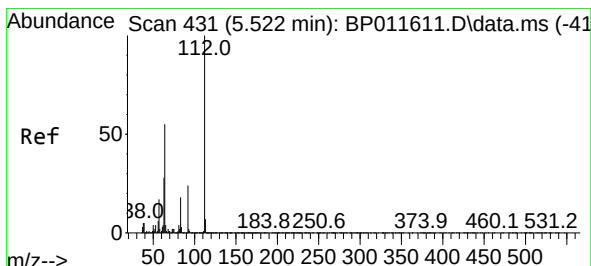
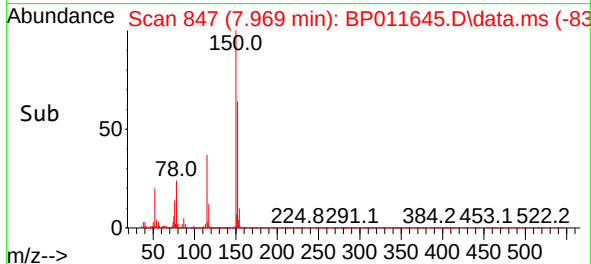
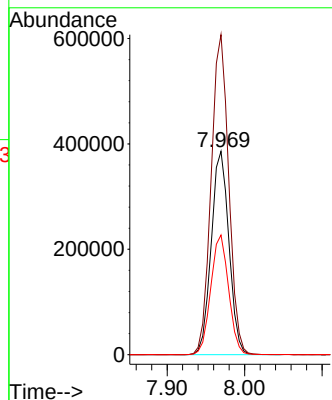
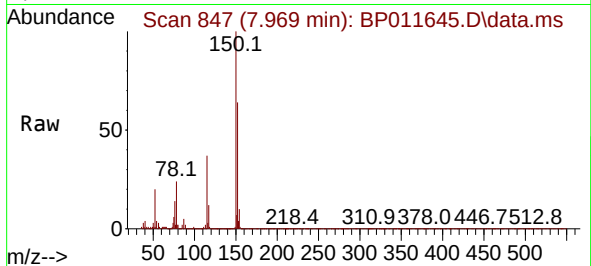




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

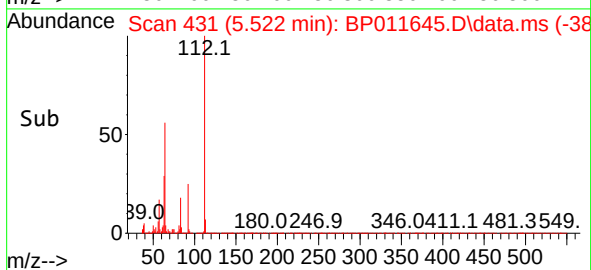
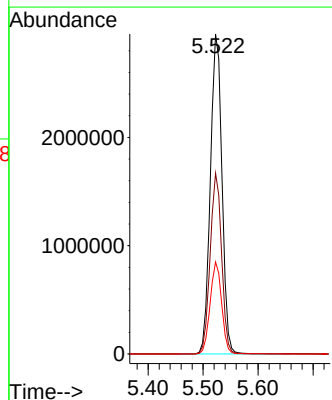
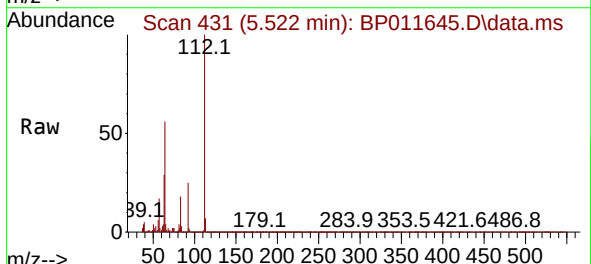
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

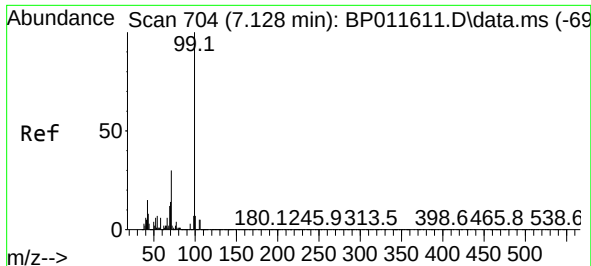
Tgt Ion:152 Resp: 611554
Ion Ratio Lower Upper
152 100
150 157.4 123.4 185.2
115 58.9 51.3 76.9



#5
2-Fluorophenol
Concen: 125.209 ng
RT: 5.522 min Scan# 431
Delta R.T. 0.000 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Tgt Ion:112 Resp: 4329545
Ion Ratio Lower Upper
112 100
64 56.5 56.9 85.3#
63 28.8 31.2 46.8#

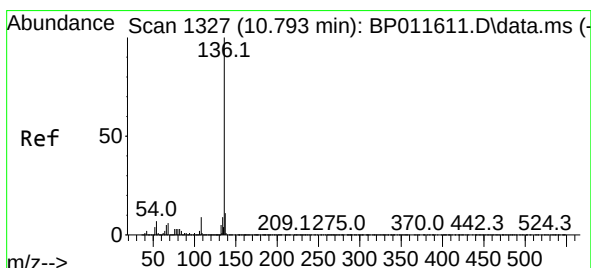
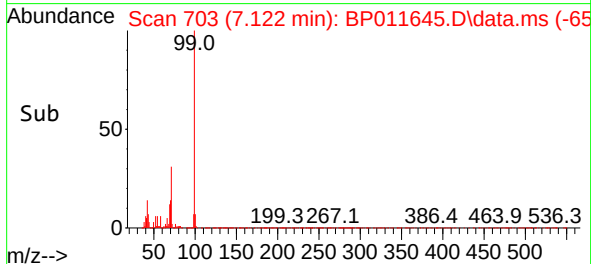
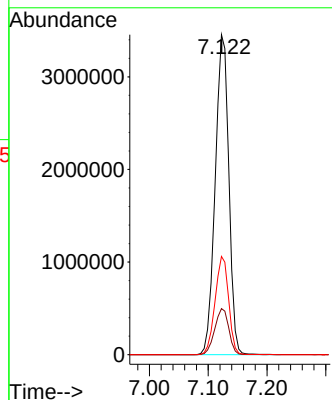
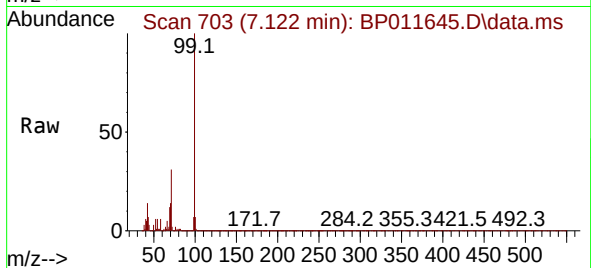




#7
Phenol-d6
Concen: 121.306 ng
RT: 7.122 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

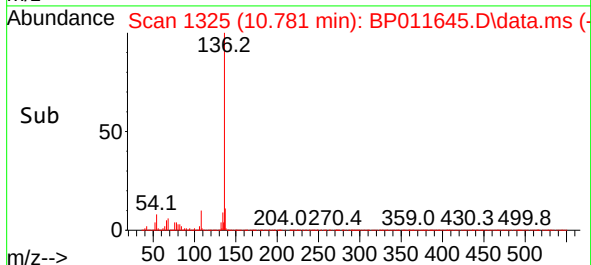
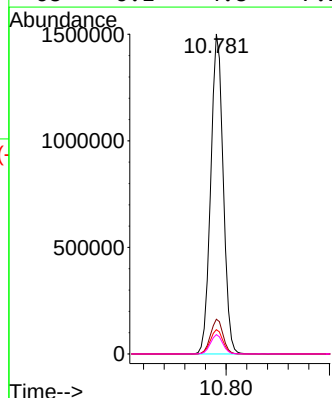
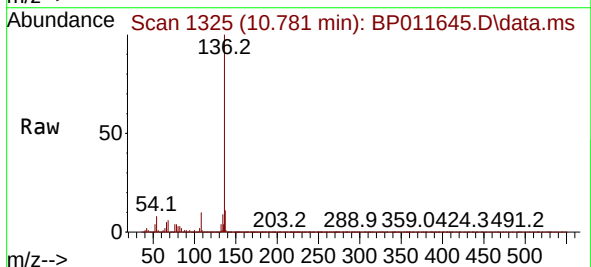
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

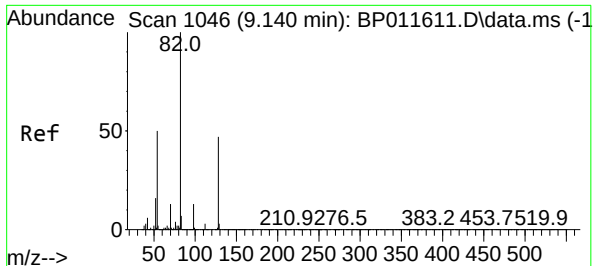
Tgt Ion: 99 Resp: 5550303
Ion Ratio Lower Upper
99 100
42 14.4 20.3 30.5#
71 30.7 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Tgt Ion:136 Resp: 2511504
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.6 8.7 13.1#
68 6.1 4.8 7.2

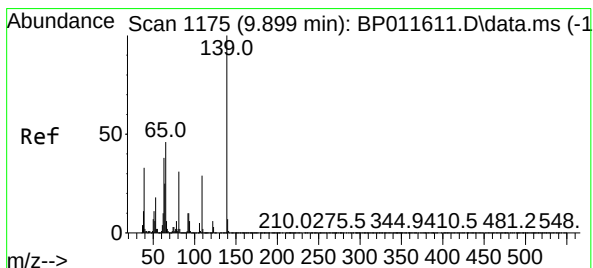
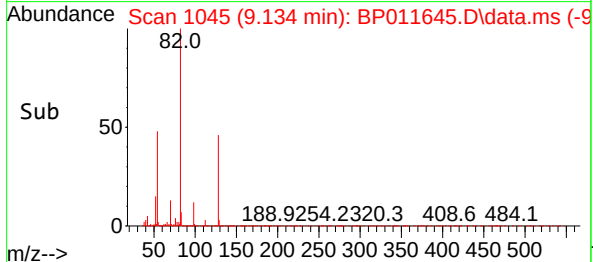
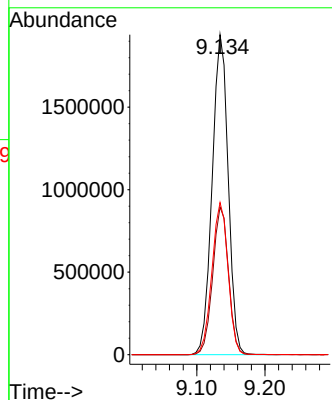
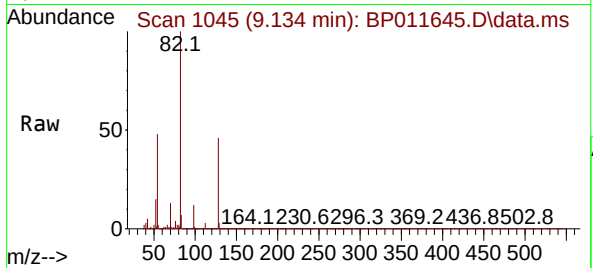




#23
Nitrobenzene-d5
Concen: 77.516 ng
RT: 9.134 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

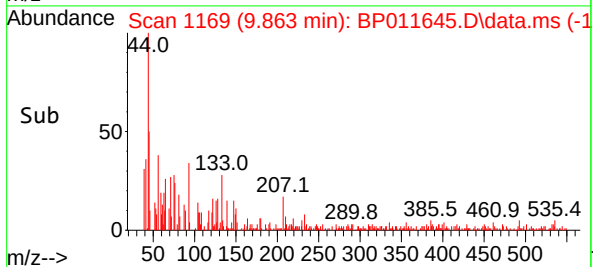
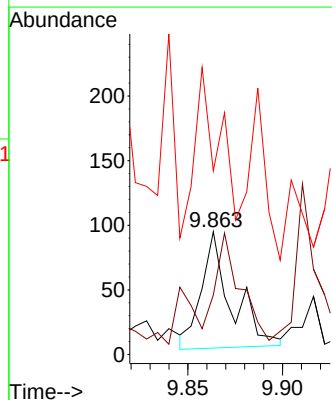
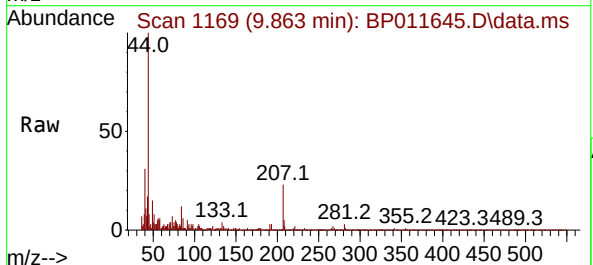
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

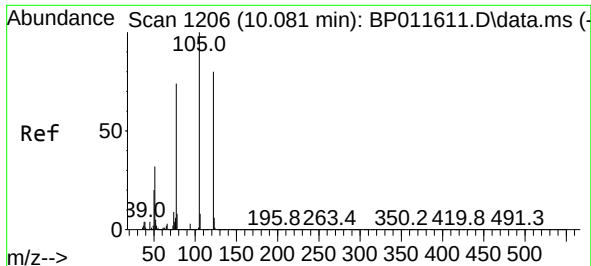
Tgt Ion: 82 Resp: 3171571
Ion Ratio Lower Upper
82 100
128 46.1 31.3 46.9
54 47.5 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.895 ng
RT: 9.863 min Scan# 1169
Delta R.T. -0.036 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Tgt Ion:139 Resp: 99
Ion Ratio Lower Upper
139 100
109 48.4 30.2 45.4#
65 149.5 52.2 78.2#

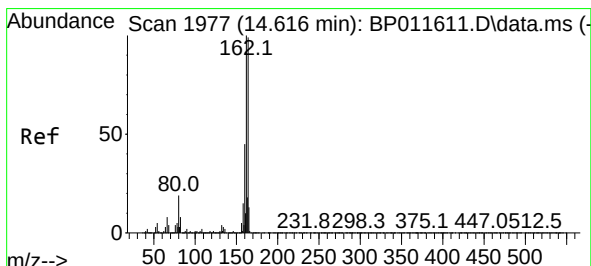
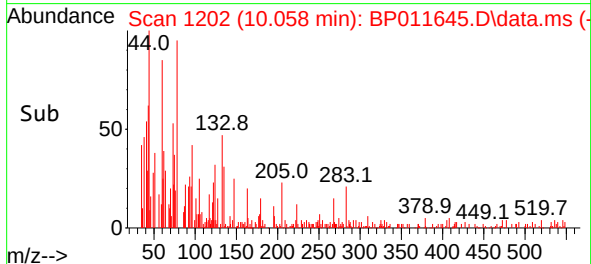
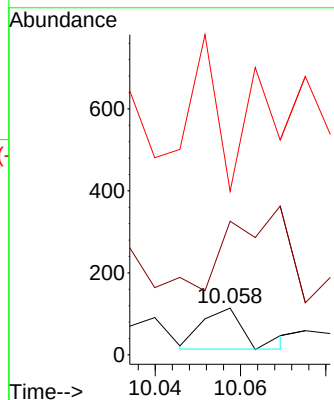
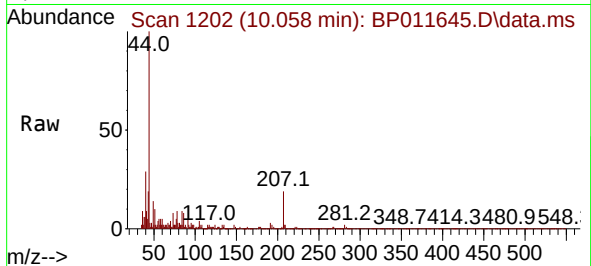




#32
Benzoic acid
Concen: 8.601 ng
RT: 10.058 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

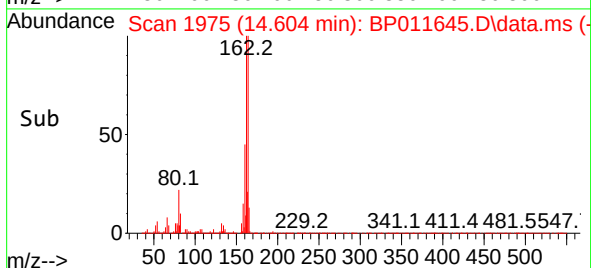
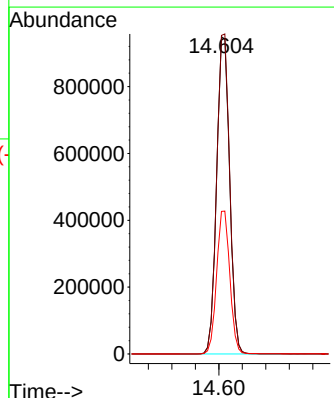
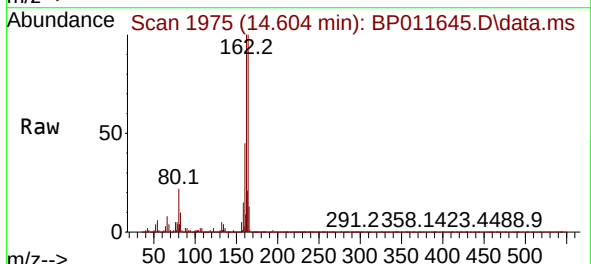
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

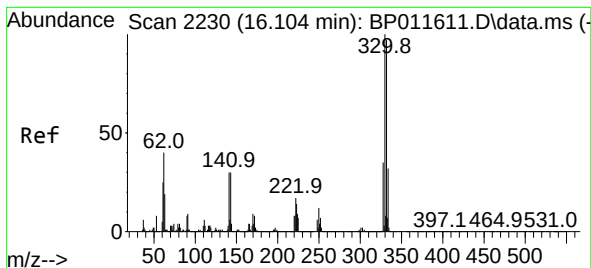
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 247.0 112.6 152.6#
77 302.3 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.012 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Tgt Ion:164 Resp: 1455573
Ion Ratio Lower Upper
164 100
162 100.4 81.9 122.9
160 44.9 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 100.242 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011645.D

Acq: 07 Sep 2022 13:29

Instrument :

BNA_P

ClientSampleId :

SB-06-COMP

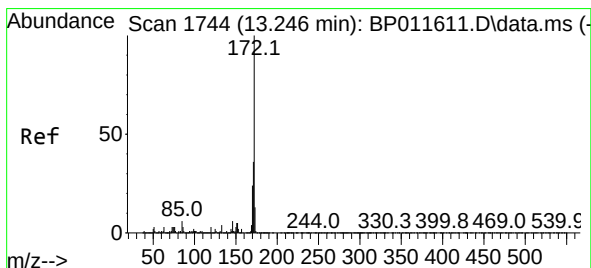
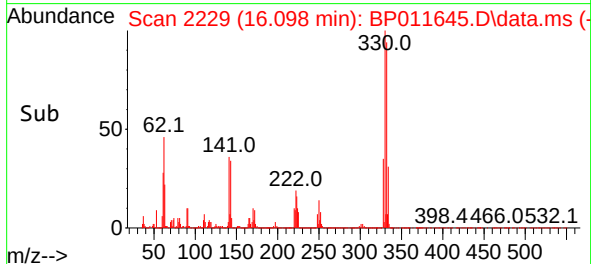
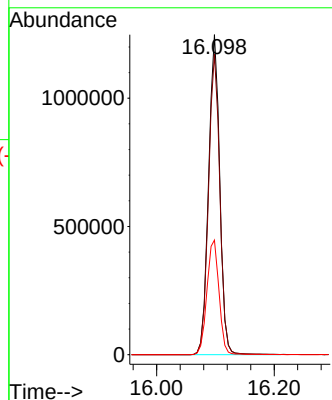
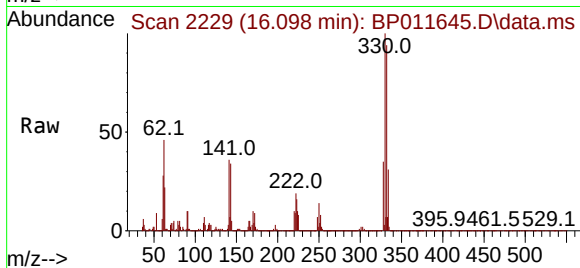
Tgt Ion:330 Resp: 1648555

Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

141 38.7 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 69.139 ng

RT: 13.234 min Scan# 1742

Delta R.T. -0.012 min

Lab File: BP011645.D

Acq: 07 Sep 2022 13:29

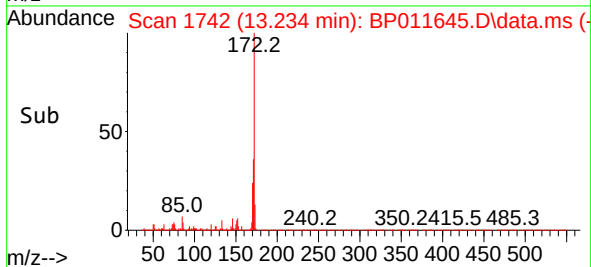
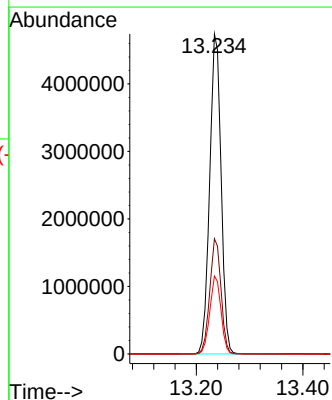
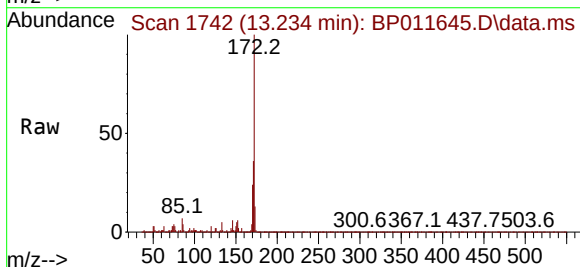
Tgt Ion:172 Resp: 7037568

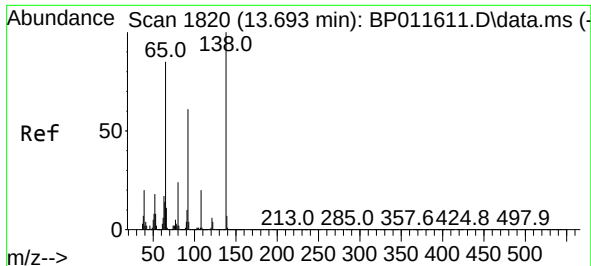
Ion Ratio Lower Upper

172 100

171 36.0 27.9 41.9

170 24.3 18.2 27.2

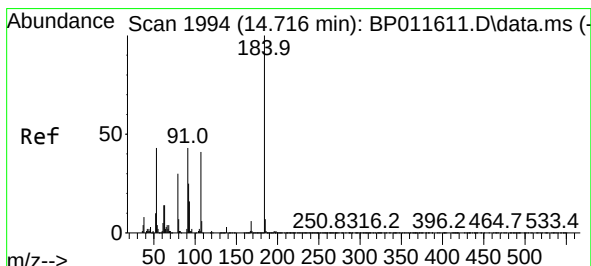
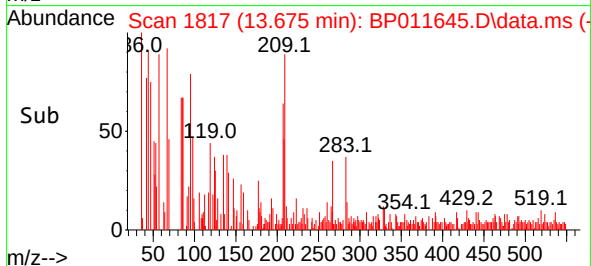
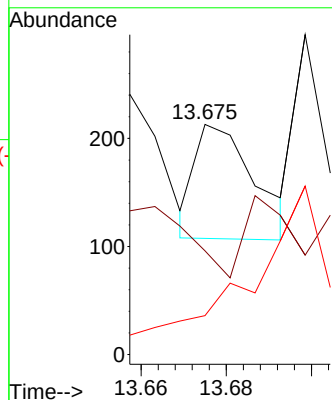
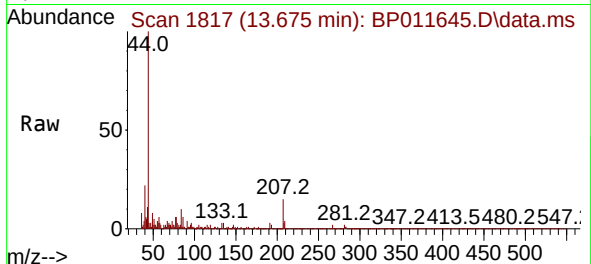




#48
2-Nitroaniline
Concen: 3.406 ng
RT: 13.675 min Scan# 1817
Delta R.T. -0.018 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

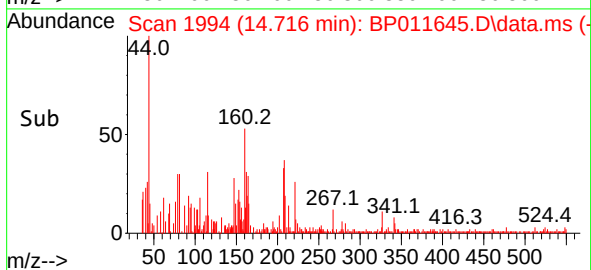
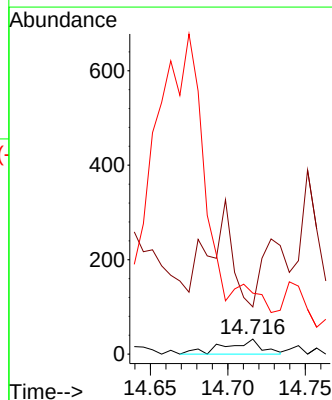
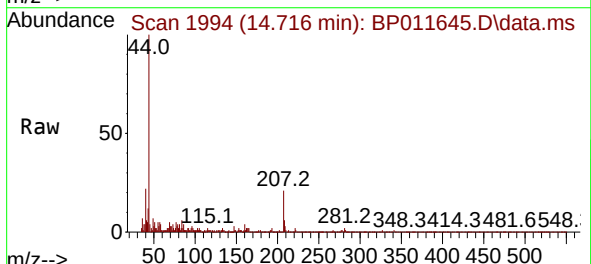
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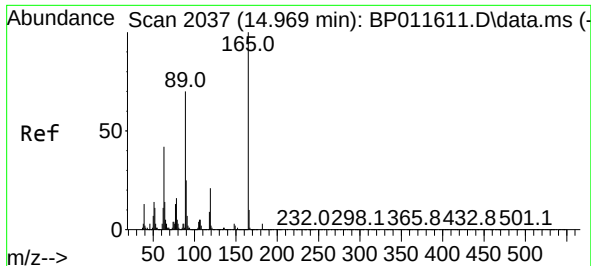
Tgt Ion: 65 Resp: 102
Ion Ratio Lower Upper
65 100
92 45.1 50.0 75.0#
138 16.9 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.457 ng
RT: 14.716 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Tgt Ion: 184 Resp: 52
Ion Ratio Lower Upper
184 100
63 312.5 65.4 98.2#
154 403.1 55.4 83.2#

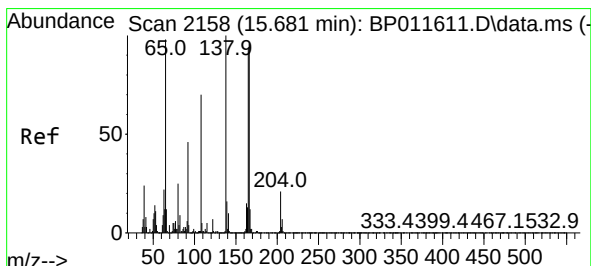
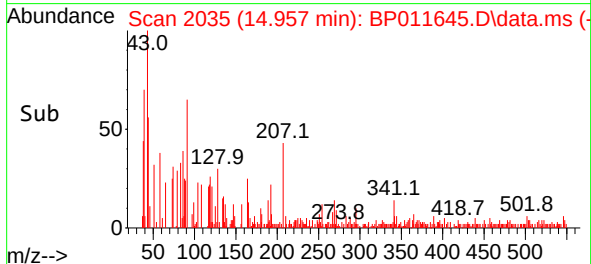
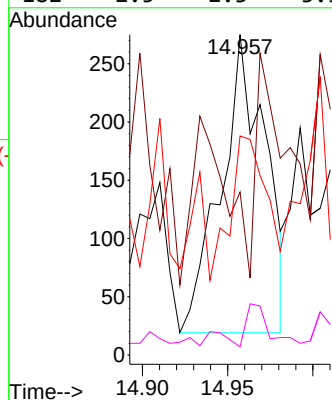
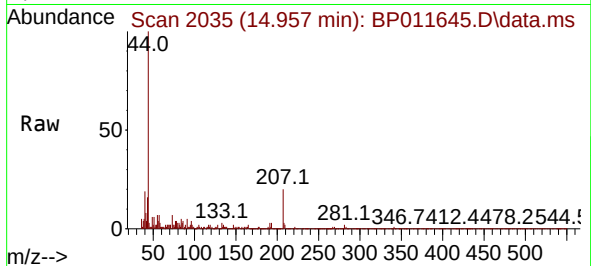




#57
2,4-Dinitrotoluene
Concen: 3.658 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

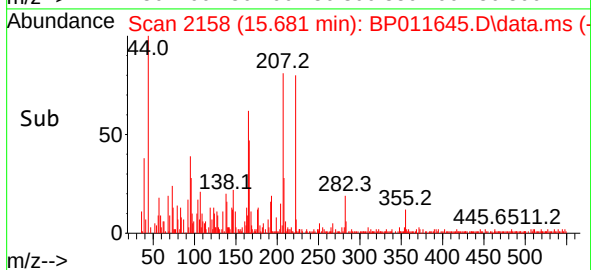
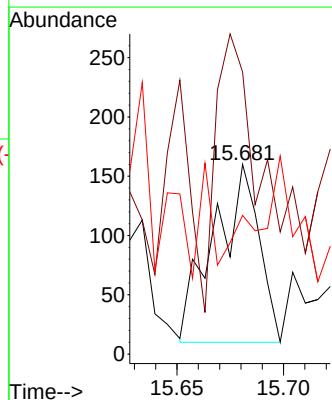
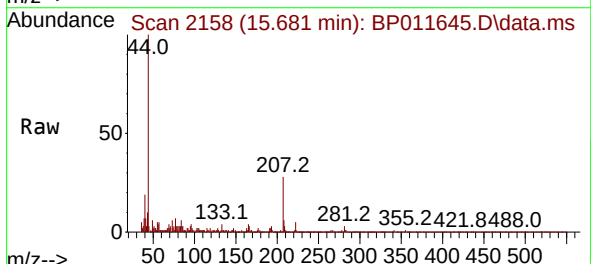
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

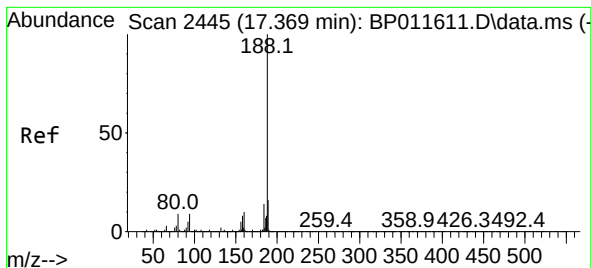
Tgt Ion:165	Resp:	463	
Ion	Ratio	Lower	Upper
165	100		
63	50.9	46.2	69.2
89	68.4	65.8	98.8
182	2.5	2.3	3.5



#62
4-Nitroaniline
Concen: 2.653 ng
RT: 15.681 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Tgt Ion:138	Resp:	219	
Ion	Ratio	Lower	Upper
138	100		
92	148.8	38.0	78.0#
108	73.1	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: BP011645.D

Acq: 07 Sep 2022 13:29

Instrument :

BNA_P

ClientSampleId :

SB-06-COMP

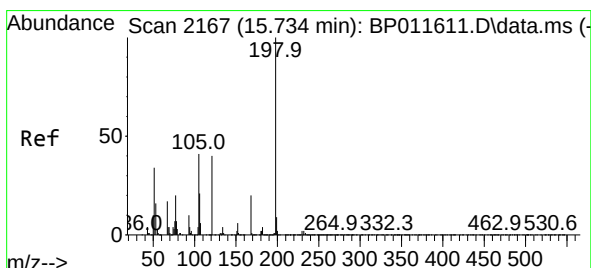
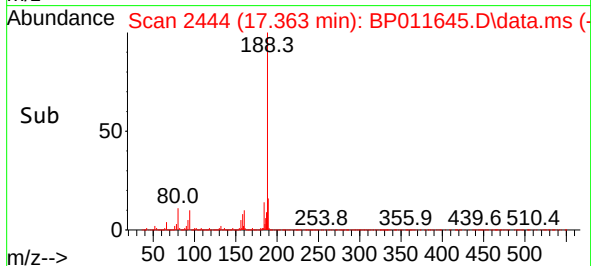
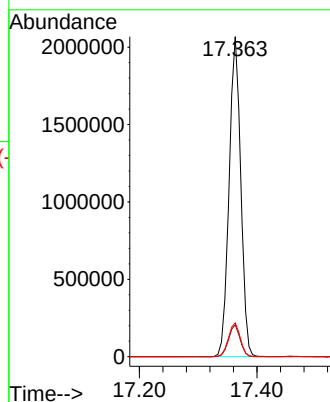
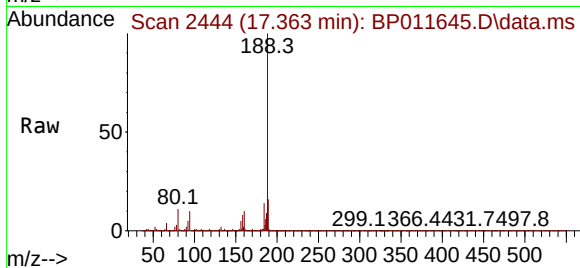
Tgt Ion:188 Resp: 2837723

Ion Ratio Lower Upper

188 100

94 9.9 6.6 10.0

80 10.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 7.893 ng

RT: 15.740 min Scan# 2168

Delta R.T. 0.006 min

Lab File: BP011645.D

Acq: 07 Sep 2022 13:29

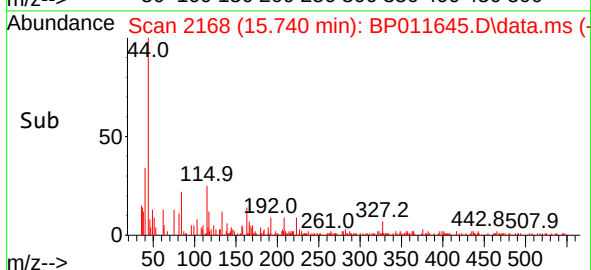
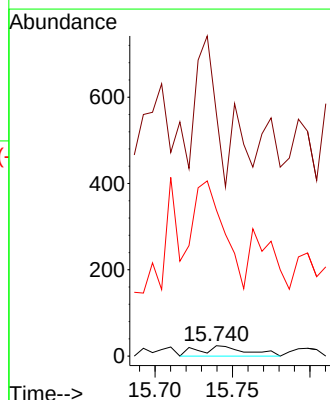
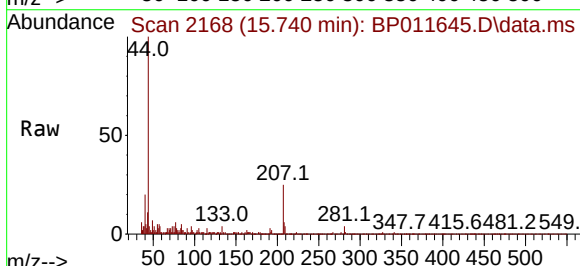
Tgt Ion:198 Resp: 49

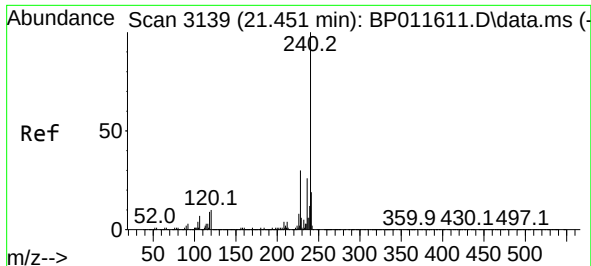
Ion Ratio Lower Upper

198 100

51 2345.8 41.2 81.2#

105 1412.5 25.3 65.3#

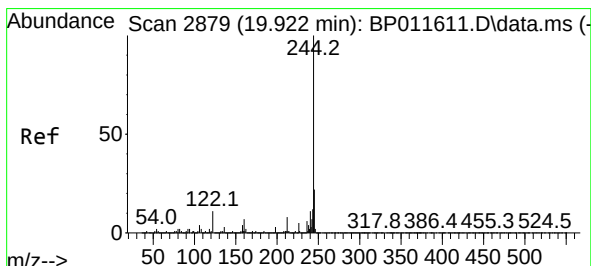
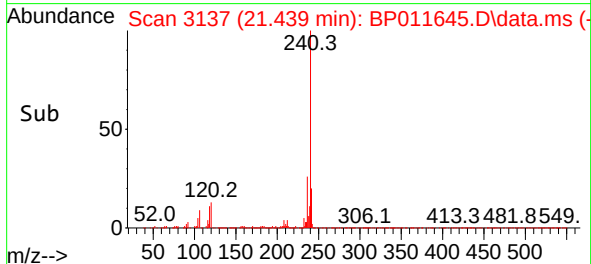
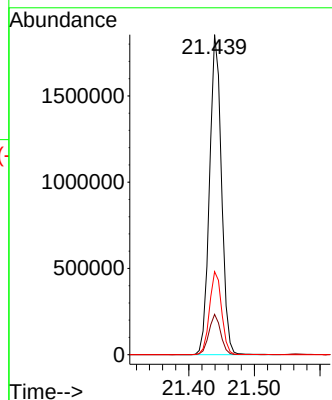
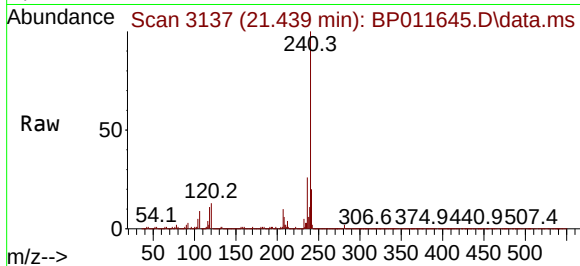




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

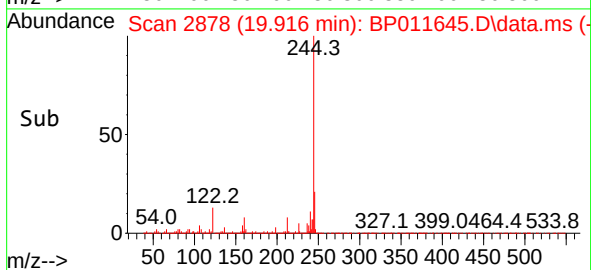
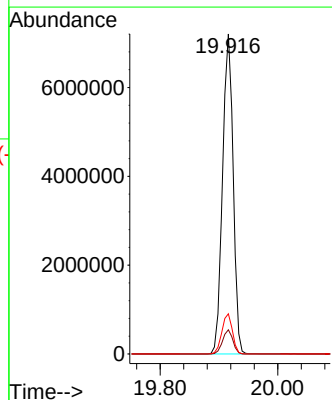
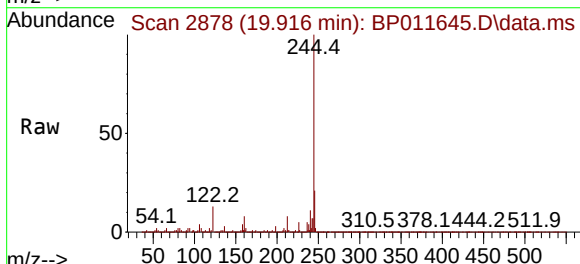
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

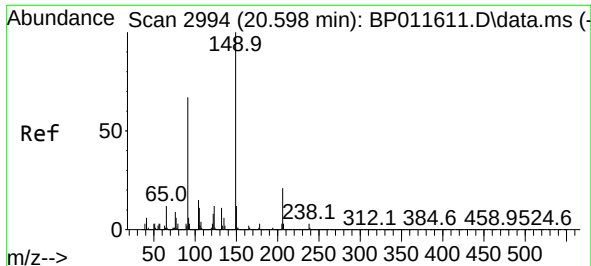
Tgt Ion:240 Resp: 2348923
Ion Ratio Lower Upper
240 100
120 12.6 8.6 12.8
236 25.9 19.8 29.6



#79
Terphenyl-d14
Concen: 80.223 ng
RT: 19.916 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Tgt Ion:244 Resp: 8996830
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 12.6 7.6 11.4#

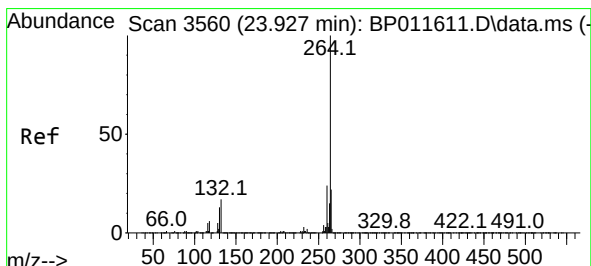
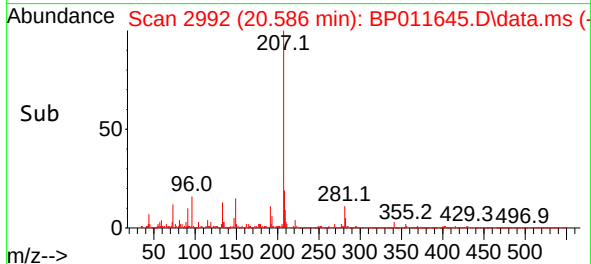
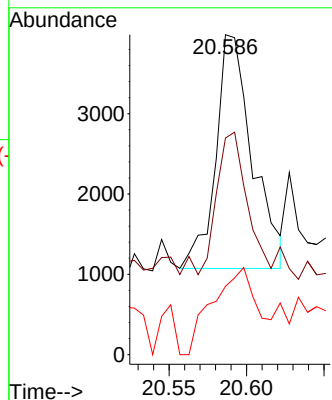
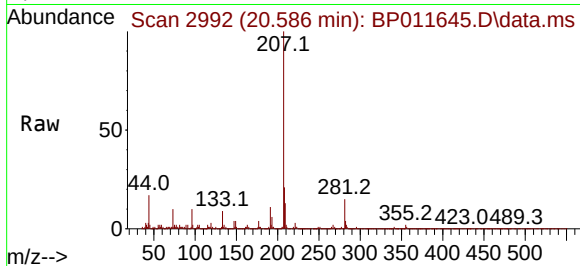




#80
Butylbenzylphthalate
Concen: 3.782 ng
RT: 20.586 min Scan# 2994
Delta R.T. -0.012 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

Tgt Ion:149 Resp: 4786
Ion Ratio Lower Upper
149 100
91 67.7 62.5 93.7
206 21.4 17.0 25.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.910 min Scan# 3557
Delta R.T. -0.018 min
Lab File: BP011645.D
Acq: 07 Sep 2022 13:29

Tgt Ion:264 Resp: 2108718
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.7 18.0 27.0

