

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090622\
 Data File : BP011633.D
 Acq On : 06 Sep 2022 19:33
 Operator : CG/JU
 Sample : N4500-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-06-COMP

Quant Time: Sep 07 03:47:57 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)

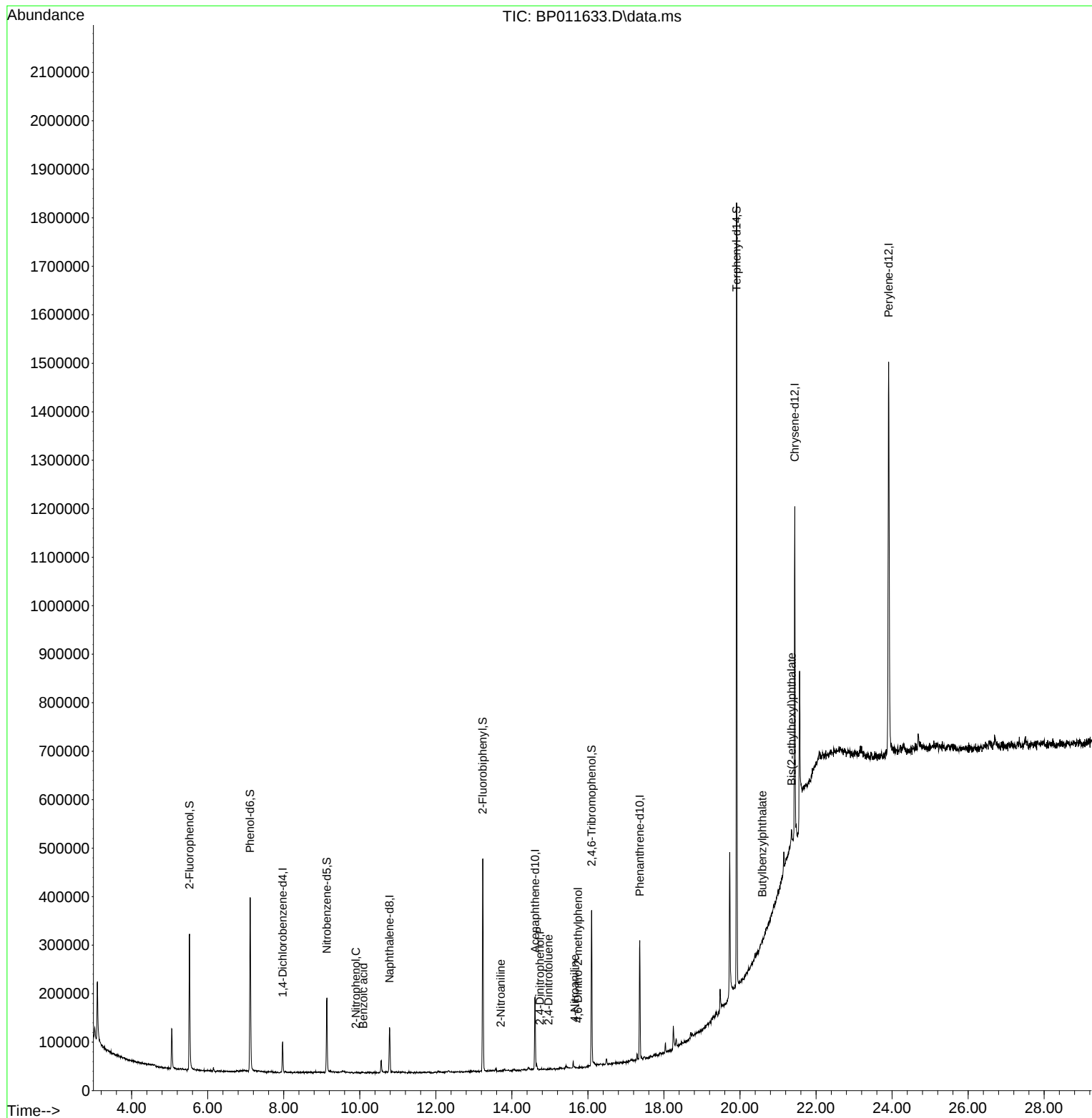
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	18619	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	82210	20.000	ng	#-0.01
39) Acenaphthene-d10	14.610	164	52299	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	151107	20.000	ng	0.00
76) Chrysene-d12	21.439	240	321803	20.000	ng	-0.01
86) Perylene-d12	23.910	264	593755	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	145466	138.177	ng	0.00
7) Phenol-d6	7.116	99	220217	158.087	ng	-0.01
23) Nitrobenzene-d5	9.134	82	84297	62.942	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	60241	101.948	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	232734	63.636	ng	-0.01
79) Terphenyl-d14	19.910	244	764602	49.765	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	47	4.959	ng	# 1
32) Benzoic acid	10.087	122	56	8.663	ng	# 1
48) 2-Nitroaniline	13.704	65	133	3.555	ng	# 18
54) 2,4-Dinitrophenol	14.734	184	21	6.515	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	76	3.710	ng	# 42
62) 4-Nitroaniline	15.651	138	33	2.679	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.739	198	14	7.907	ng	# 1
80) Butylbenzylphthalate	20.586	149	1013	3.821	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.357	149	12846	2.873	ng	97

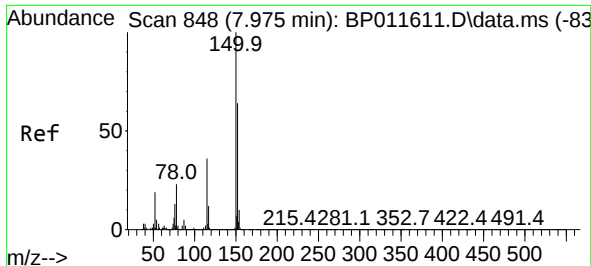
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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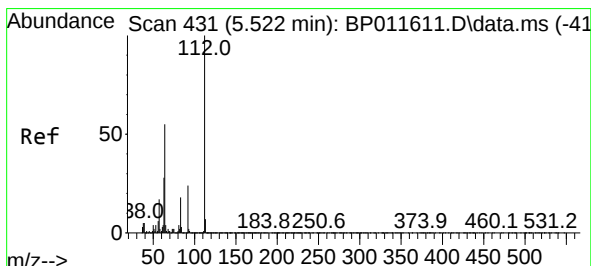
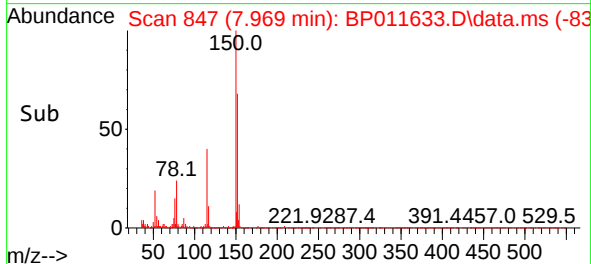
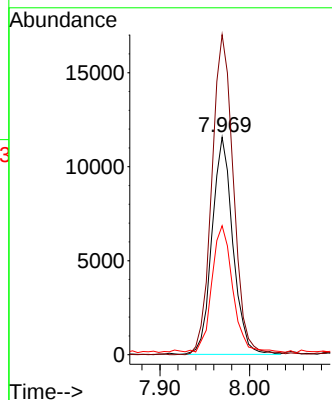
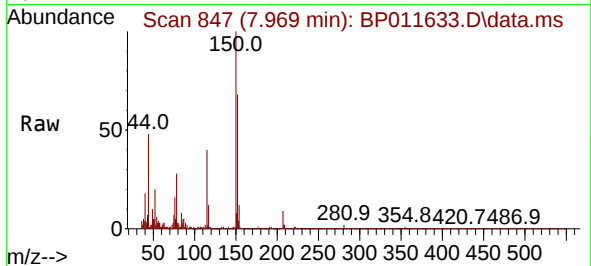




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

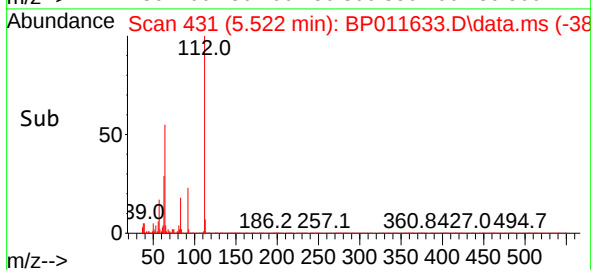
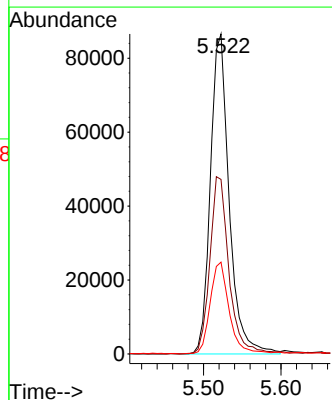
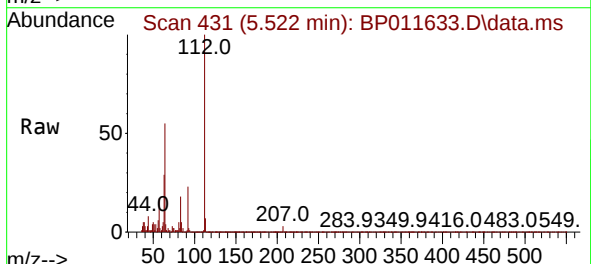
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

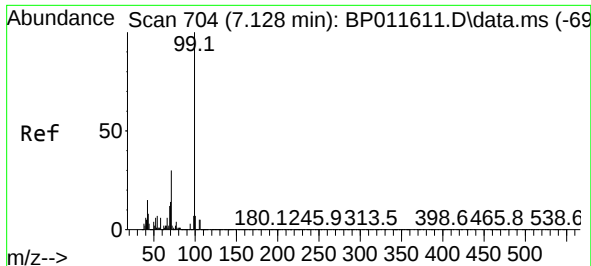
Tgt Ion:152 Resp: 18619
Ion Ratio Lower Upper
152 100
150 147.2 123.4 185.2
115 59.3 51.3 76.9



#5
2-Fluorophenol
Concen: 138.177 ng
RT: 5.522 min Scan# 431
Delta R.T. -0.000 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

Tgt Ion:112 Resp: 145466
Ion Ratio Lower Upper
112 100
64 54.6 56.9 85.3#
63 28.7 31.2 46.8#

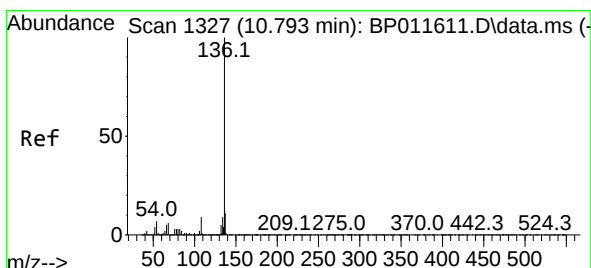
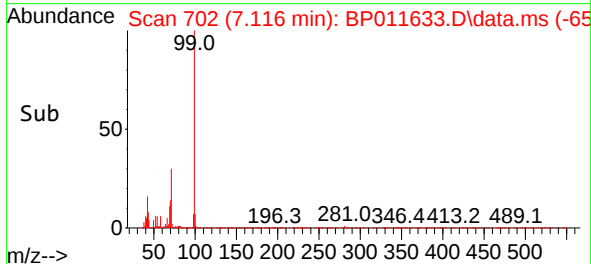
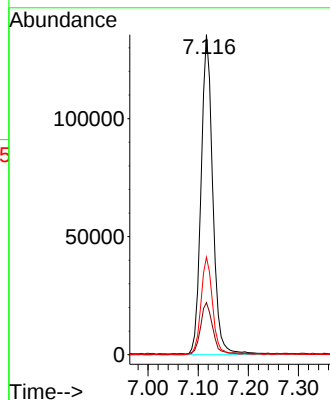
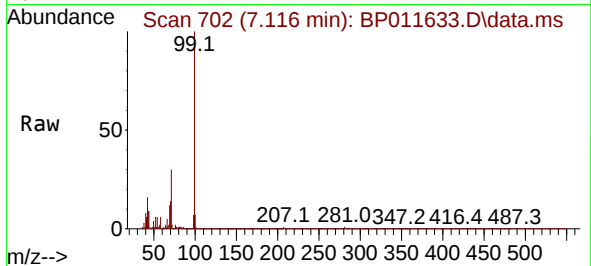




#7
Phenol-d6
Concen: 158.087 ng
RT: 7.116 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

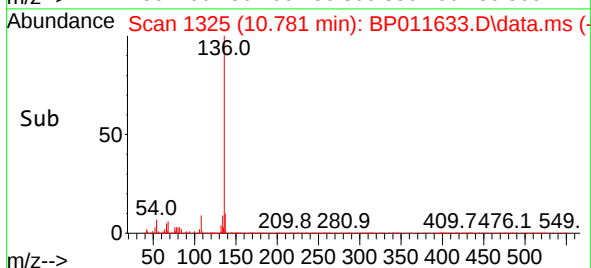
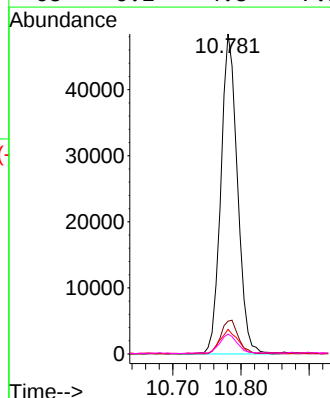
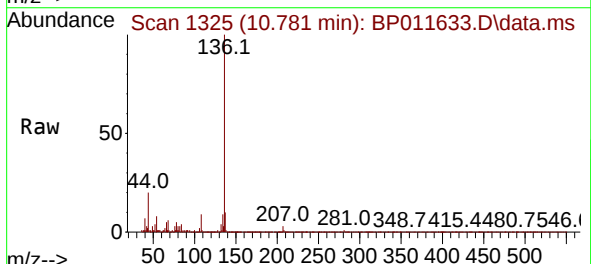
Instrument :
BNA_P
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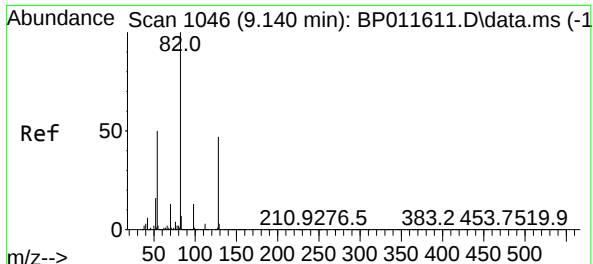
Tgt Ion: 99 Resp: 220217
Ion Ratio Lower Upper
99 100
42 16.3 20.3 30.5#
71 30.5 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 136 Resp: 82210
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 7.7 8.7 13.1#
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 62.942 ng

RT: 9.134 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BP011633.D

Acq: 06 Sep 2022 19:33

Instrument :

BNA_P

ClientSampleId :

SB-06-COMP

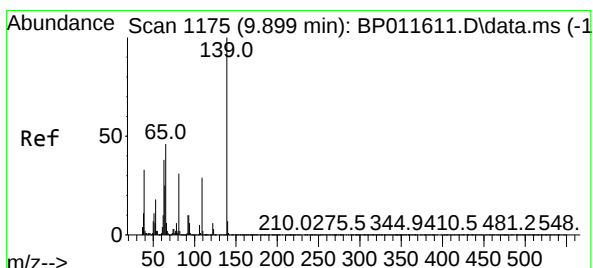
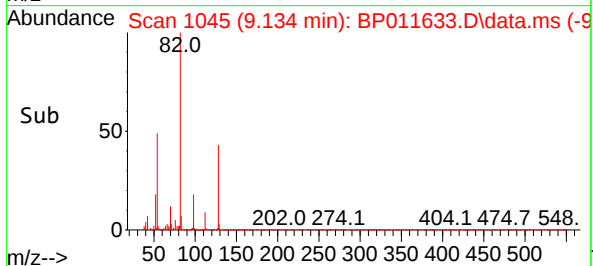
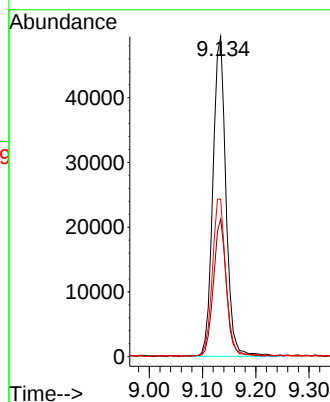
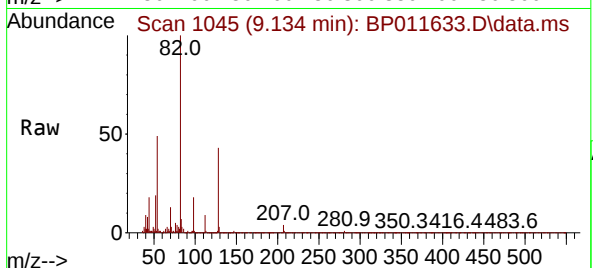
Tgt Ion: 82 Resp: 84297

Ion Ratio Lower Upper

82 100

128 43.0 31.3 46.9

54 49.3 49.8 74.8#



#26

2-Nitrophenol

Concen: 4.959 ng

RT: 9.899 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BP011633.D

Acq: 06 Sep 2022 19:33

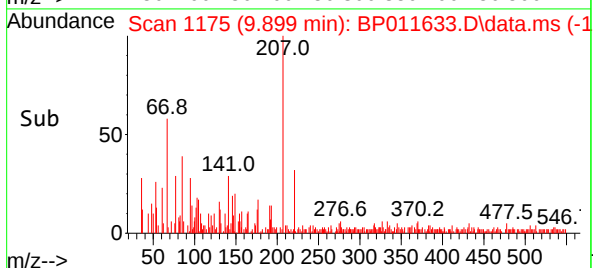
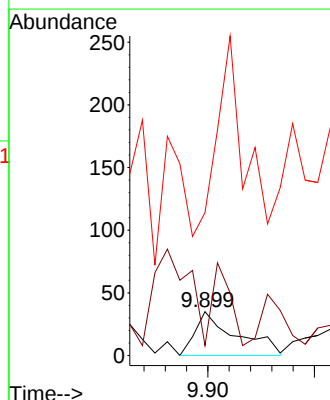
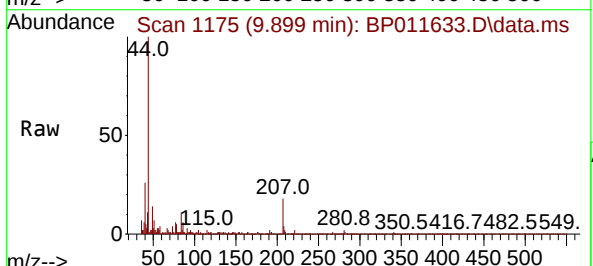
Tgt Ion: 139 Resp: 47

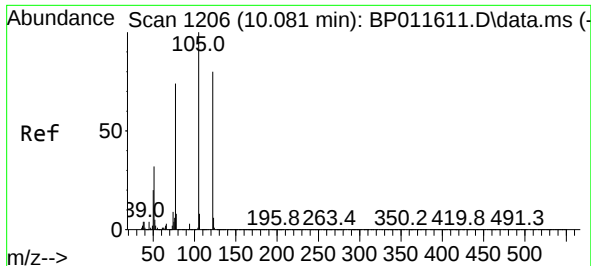
Ion Ratio Lower Upper

139 100

109 22.9 30.2 45.4#

65 325.7 52.2 78.2#

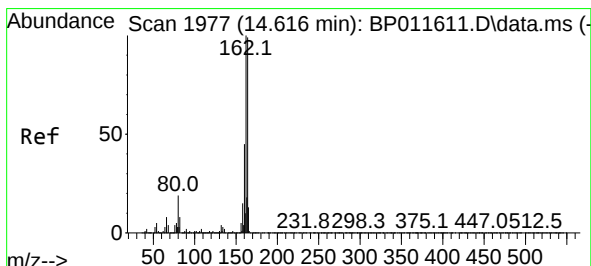
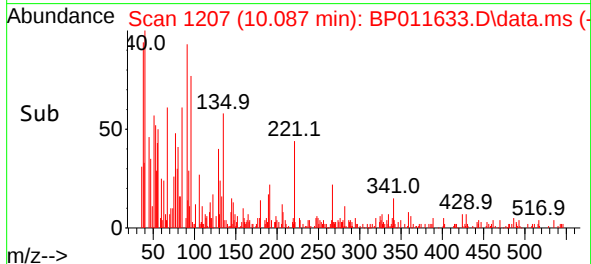
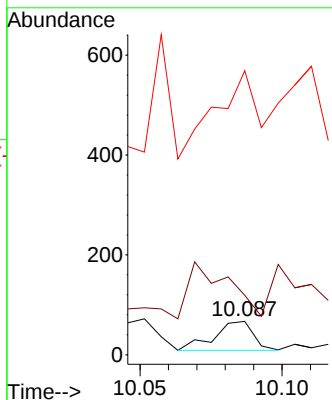
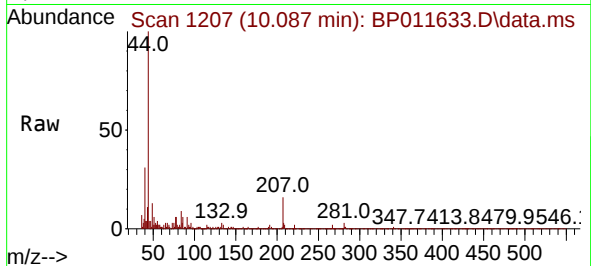




#32
Benzoic acid
Concen: 8.663 ng
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

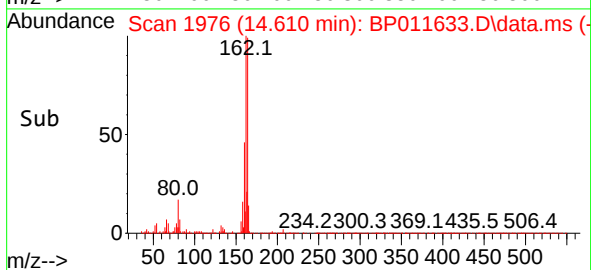
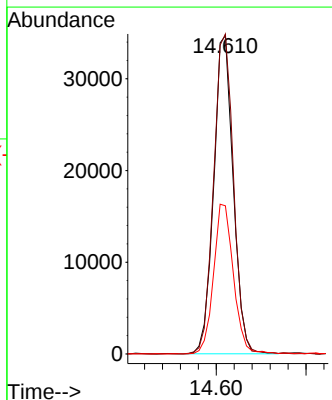
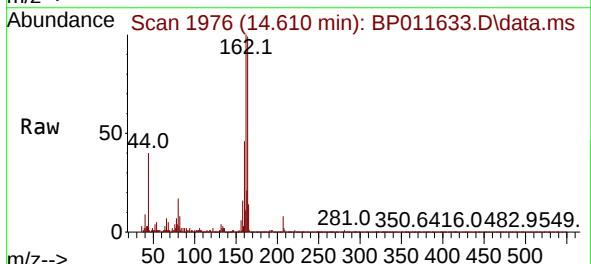
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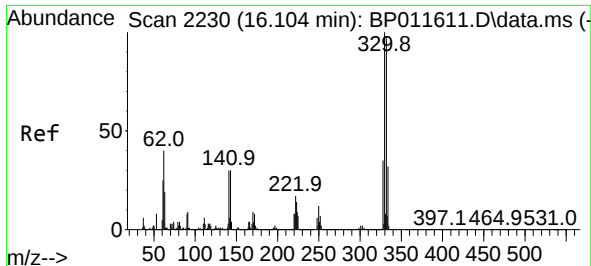
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 177.6 112.6 152.6#
77 849.3 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

Tgt Ion:164 Resp: 52299
Ion Ratio Lower Upper
164 100
162 100.6 81.9 122.9
160 46.6 34.6 51.8

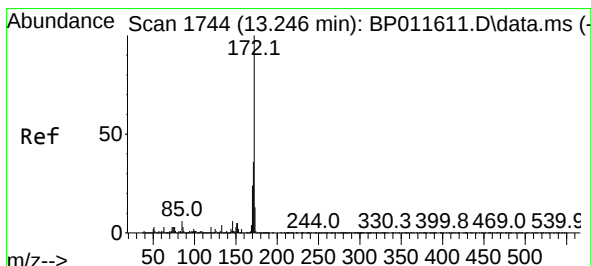
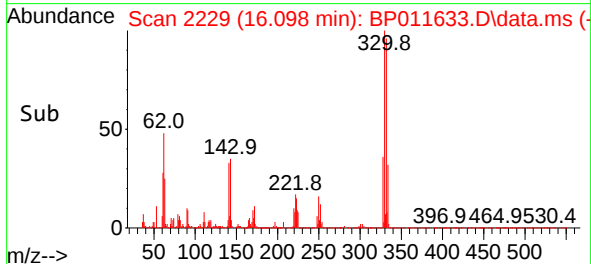
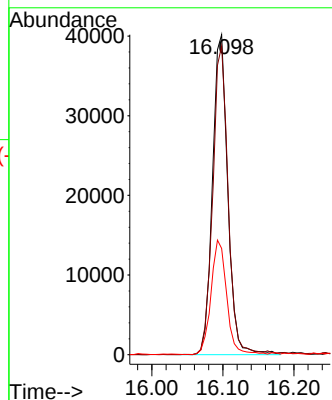
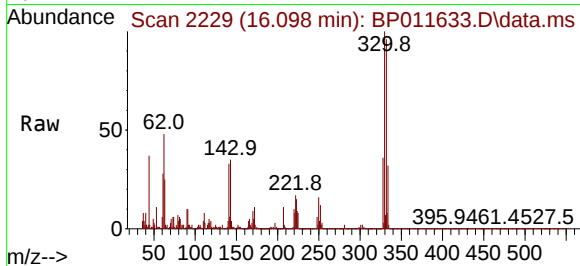




#42
2,4,6-Tribromophenol
Concen: 101.948 ng
RT: 16.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

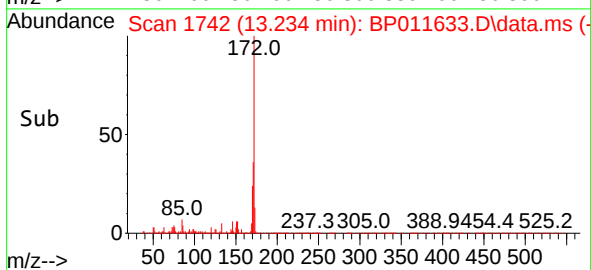
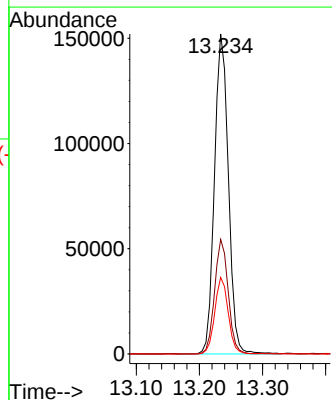
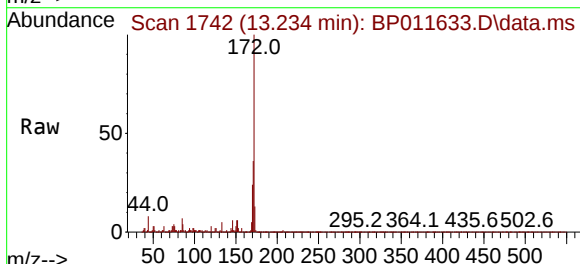
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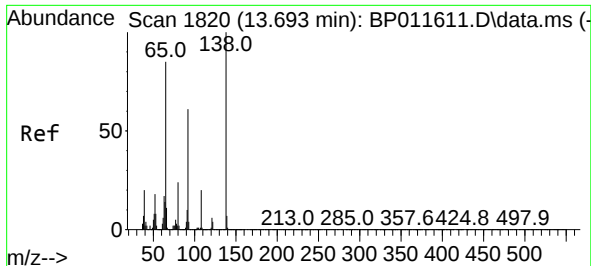
Tgt Ion:	330	Resp:	60241
Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	36.6	31.4	47.2



#45
2-Fluorobiphenyl
Concen: 63.636 ng
RT: 13.234 min Scan# 1742
Delta R.T. -0.012 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

Tgt Ion:	172	Resp:	232734
Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	23.9	18.2	27.2

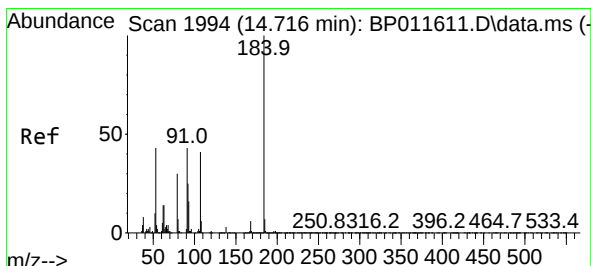
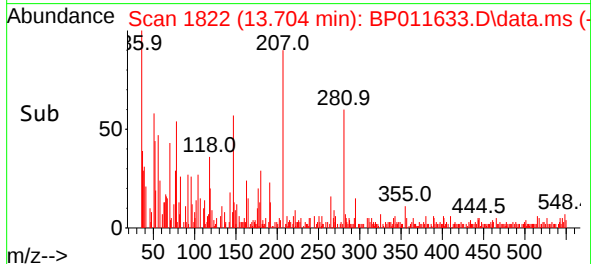
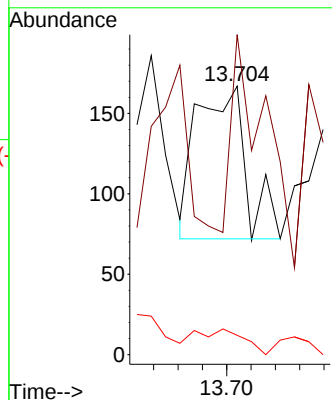
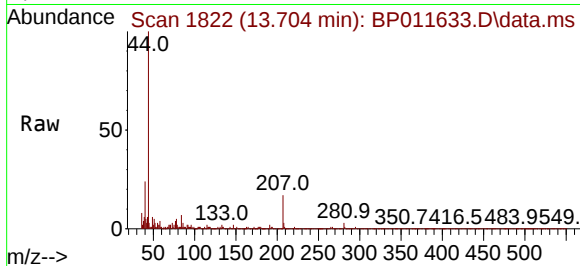




#48
2-Nitroaniline
Concen: 3.555 ng
RT: 13.704 min Scan# 11
Delta R.T. 0.011 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

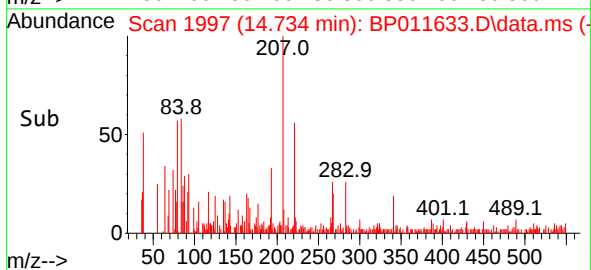
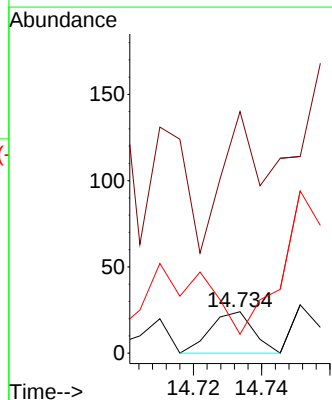
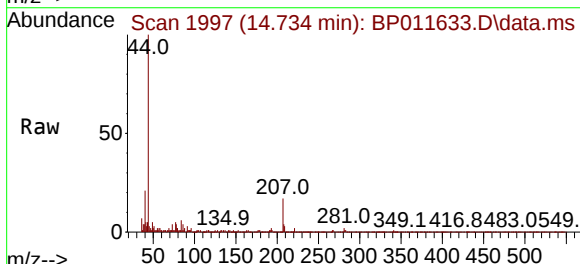
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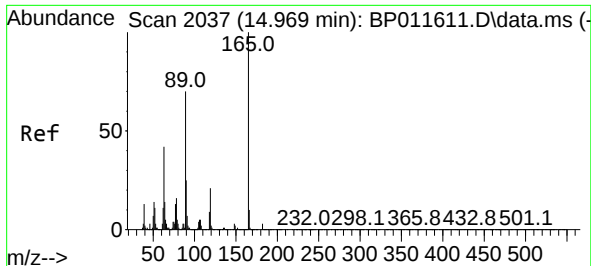
Tgt Ion: 65 Resp: 133
Ion Ratio Lower Upper
65 100
92 119.2 50.0 75.0#
138 7.2 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.515 ng
RT: 14.734 min Scan# 1997
Delta R.T. 0.018 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 184 Resp: 21
Ion Ratio Lower Upper
184 100
63 583.3 65.4 98.2#
154 45.8 55.4 83.2#

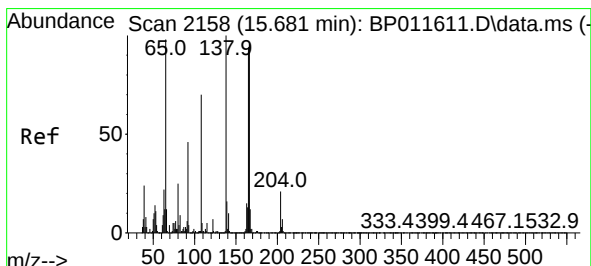
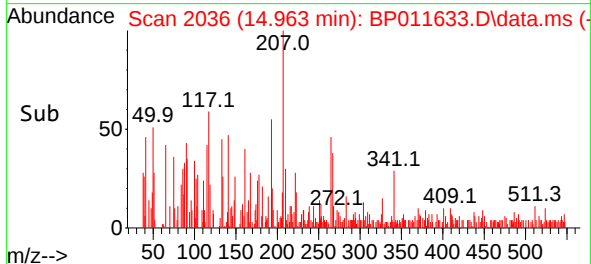
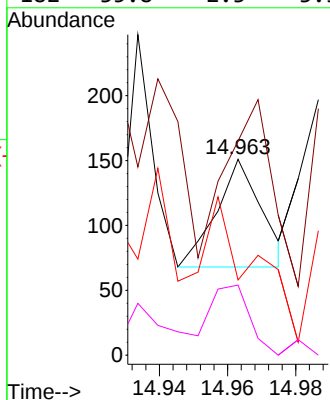
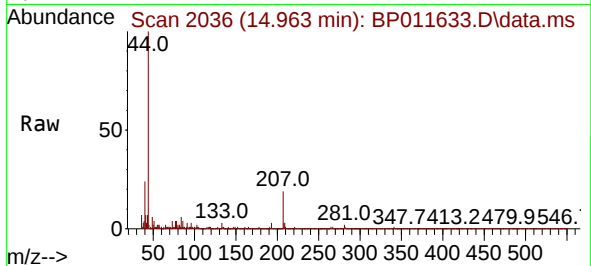




#57
2,4-Dinitrotoluene
Concen: 3.710 ng
RT: 14.963 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

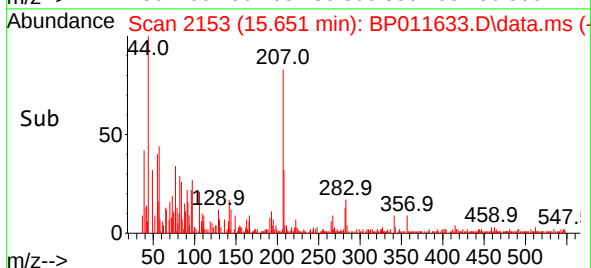
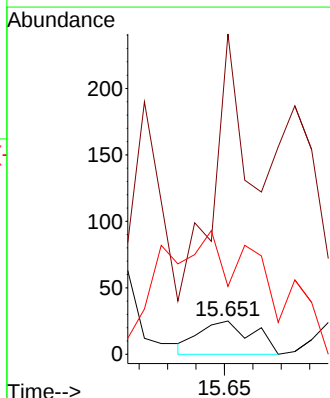
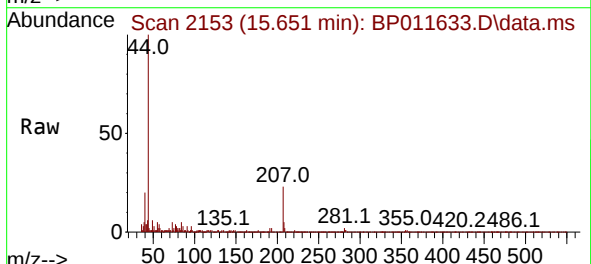
Instrument :
BNA_P
ClientSampleId :
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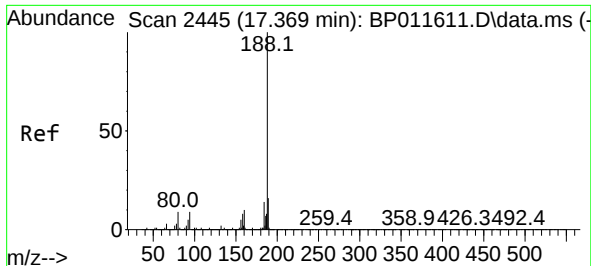
Tgt Ion:	165	Resp:	76
Ion Ratio	Lower	Upper	
165	100		
63	109.3	46.2	69.2#
89	38.4	65.8	98.8#
182	35.8	2.3	3.5#



#62
4-Nitroaniline
Concen: 2.679 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.030 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

Tgt Ion:	138	Resp:	33
Ion Ratio	Lower	Upper	
138	100		
92	964.0	38.0	78.0#
108	204.0	77.6	117.6#

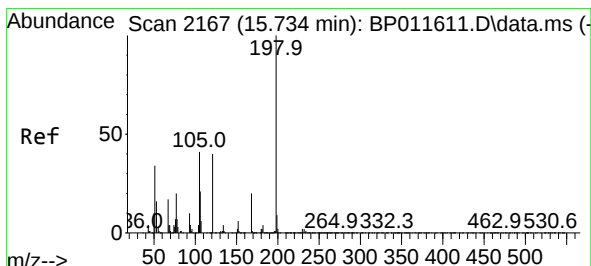
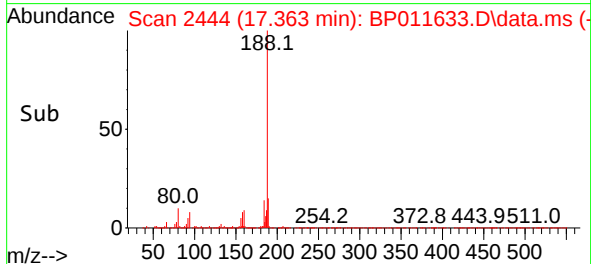
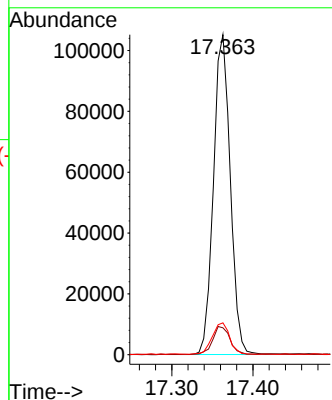
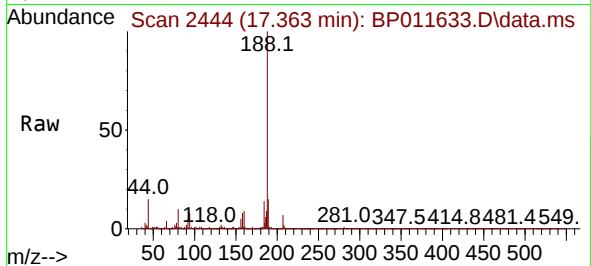




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

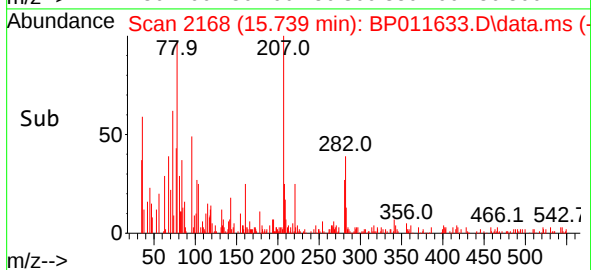
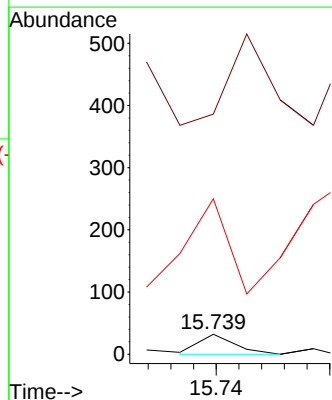
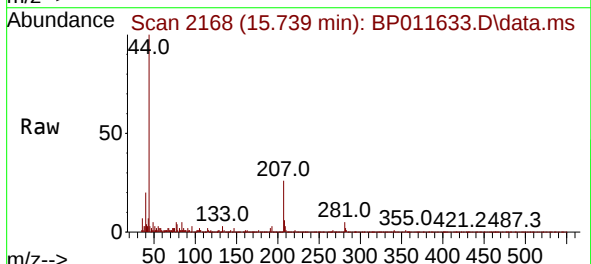
Instrument :
BNA_P
ClientSampleId :
SB-06-COMP

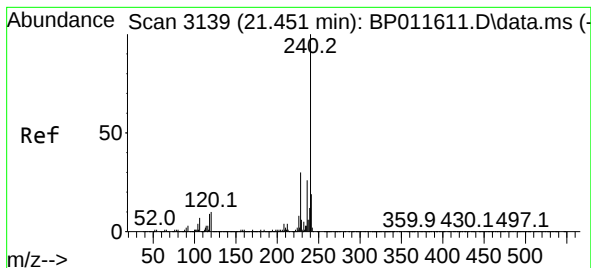
Tgt Ion:188 Resp: 151107
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 10.0 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.907 ng
RT: 15.739 min Scan# 2168
Delta R.T. 0.005 min
Lab File: BP011633.D
Acq: 06 Sep 2022 19:33

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1206.3 41.2 81.2#
105 781.3 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: BP011633.D

Acq: 06 Sep 2022 19:33

Instrument :

BNA_P

ClientSampleId :

SB-06-COMP

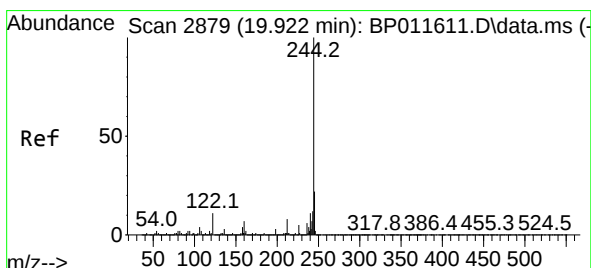
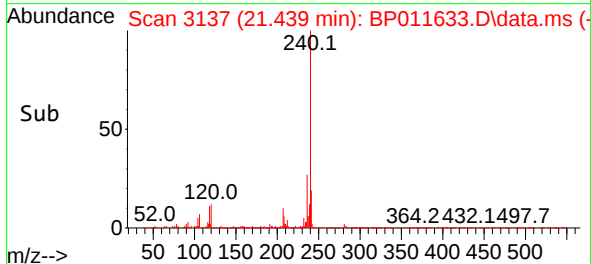
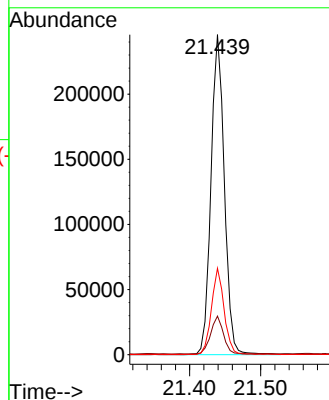
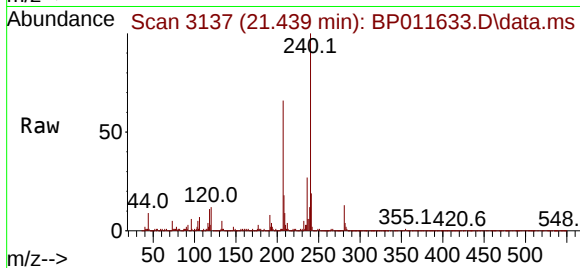
Tgt Ion:240 Resp: 321803

Ion Ratio Lower Upper

240 100

120 12.1 8.6 12.8

236 27.0 19.8 29.6



#79

Terphenyl-d14

Concen: 49.765 ng

RT: 19.910 min Scan# 2877

Delta R.T. -0.012 min

Lab File: BP011633.D

Acq: 06 Sep 2022 19:33

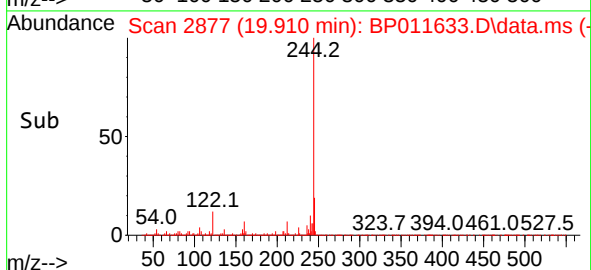
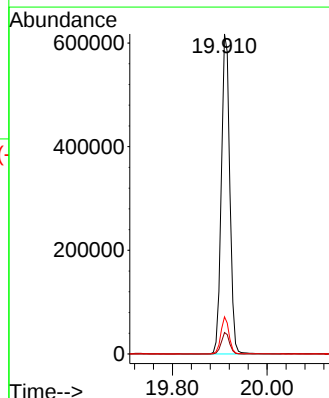
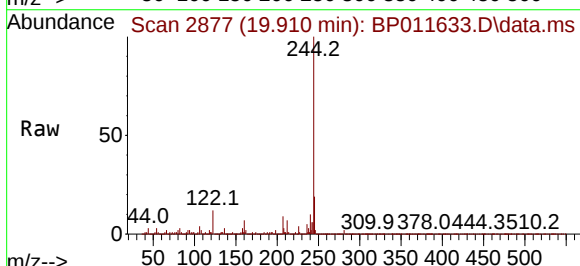
Tgt Ion:244 Resp: 764602

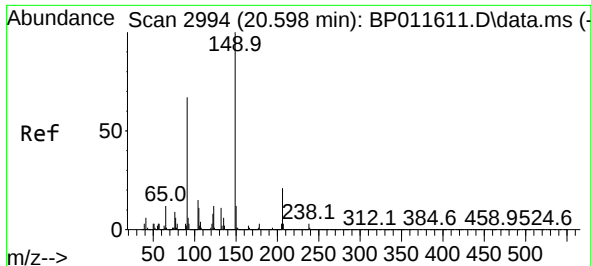
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 11.6 7.6 11.4#

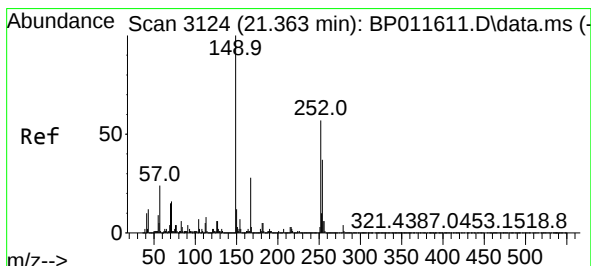
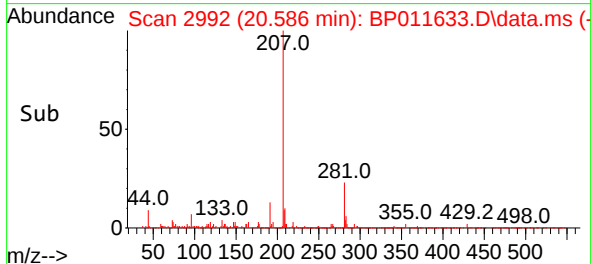
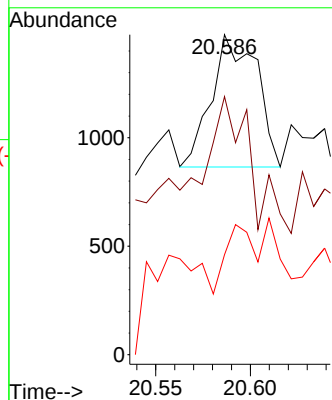
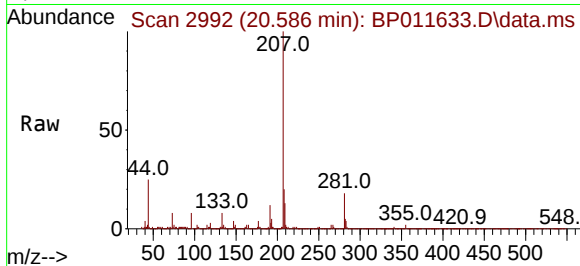




#80
 Butylbenzylphthalate
 Concen: 3.821 ng
 RT: 20.586 min Scan# 2992
 Delta R.T. -0.012 min
 Lab File: BP011633.D
 Acq: 06 Sep 2022 19:33

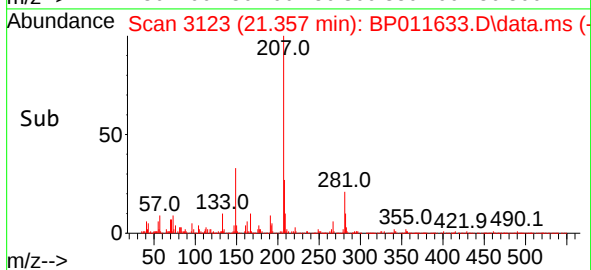
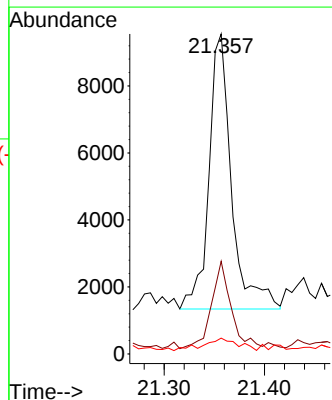
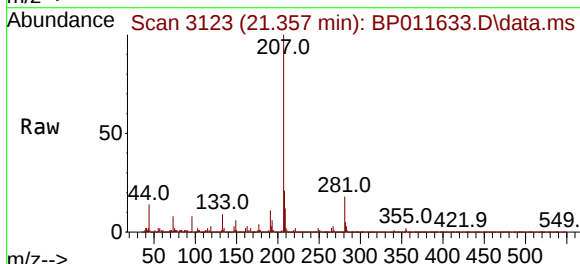
Instrument :
 BNA_P
 ClientSampleId :
 SB-06-COMP

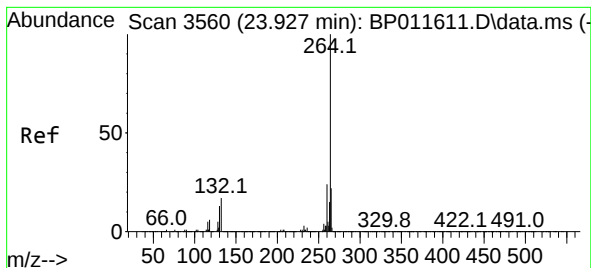
Tgt Ion:149 Resp: 1013
 Ion Ratio Lower Upper
 149 100
 91 80.7 62.5 93.7
 206 31.3 17.0 25.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.873 ng
 RT: 21.357 min Scan# 3123
 Delta R.T. -0.006 min
 Lab File: BP011633.D
 Acq: 06 Sep 2022 19:33

Tgt Ion:149 Resp: 12846
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.8 32.8
 279 5.0 3.7 5.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.910 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP011633.D

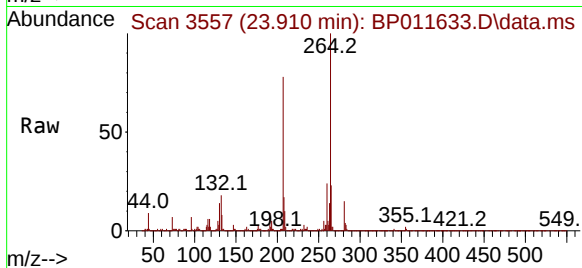
Acq: 06 Sep 2022 19:33

Instrument :

BNA_P

ClientSampleId :

SB-06-COMP



Tgt Ion:264 Resp: 593755

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 23.0 18.0 27.0

