

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020633.D
 Acq On : 14 Jun 2024 20:29
 Operator : MA/JU
 Sample : P2864-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-I

Quant Time: Jun 14 22:56:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

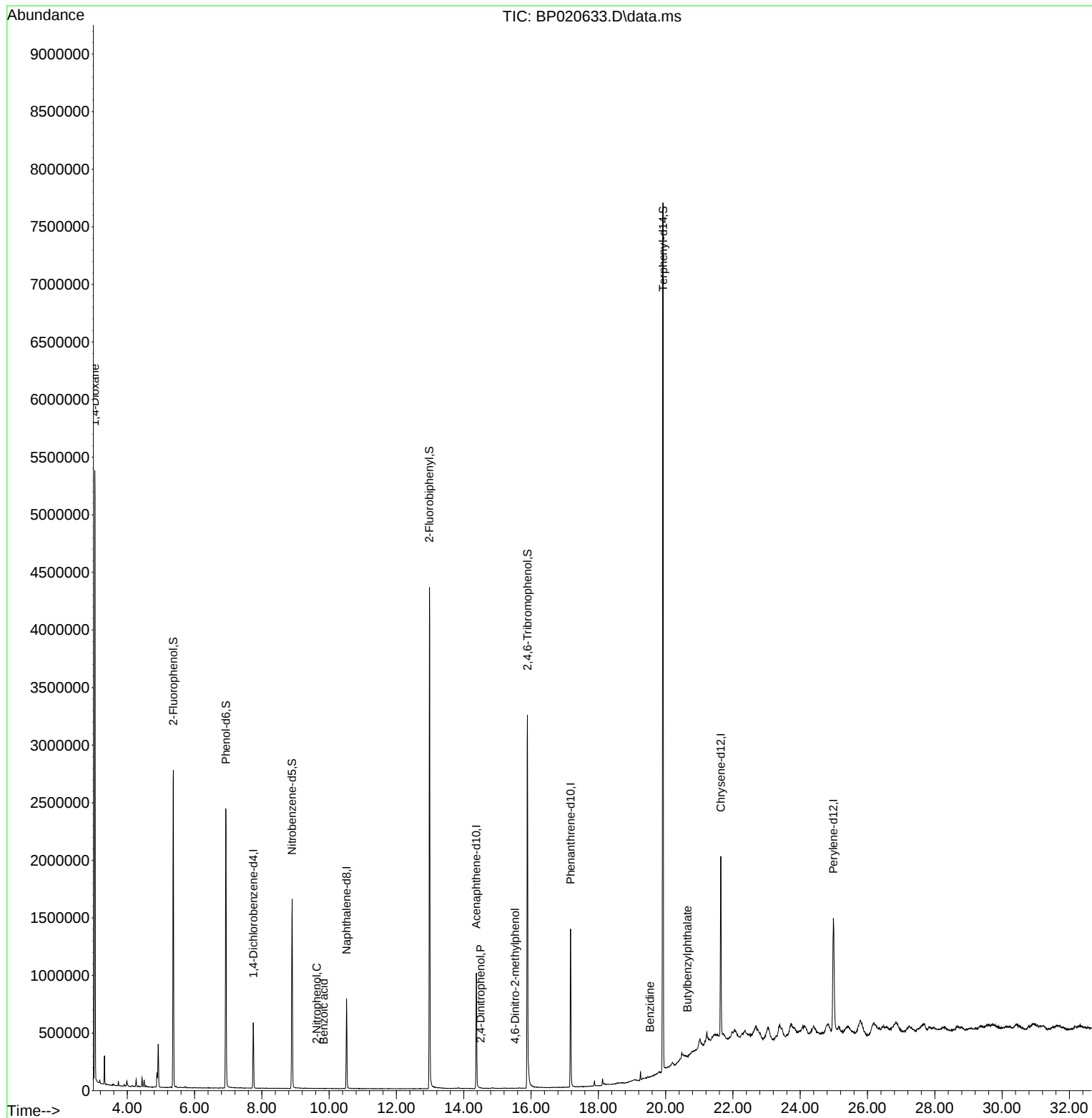
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	162246	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	597413	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	384292	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	889789	20.000	ng	-0.03
76) Chrysene-d12	21.639	240	969476	20.000	ng	-0.03
86) Perylene-d12	24.986	264	1123180	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	1178540	130.057	ng	0.00
7) Phenol-d6	6.928	99	1366374	106.921	ng	0.00
23) Nitrobenzene-d5	8.899	82	980709	89.861	ng	-0.02
42) 2,4,6-Tribromophenol	15.893	330	723983	181.531	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	2243469	87.028	ng	-0.02
79) Terphenyl-d14	19.922	244	4435317	76.161	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	29010	7.923	ng	# 1
26) 2-Nitrophenol	9.634	139	61	3.804	ng	# 1
32) Benzoic acid	9.834	122	35	6.853	ng	# 1
54) 2,4-Dinitrophenol	14.498	184	67	5.007	ng	# 14
65) 4,6-Dinitro-2-methylph...	15.522	198	21	7.658	ng	# 1
77) Benzidine	19.539	184	3577	6.061	ng	# 82
80) Butylbenzylphthalate	20.651	149	154	2.436	ng	# 80

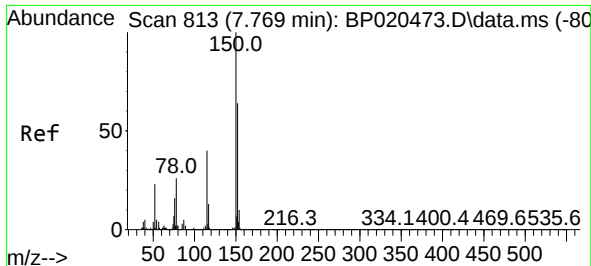
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
Data File : BP020633.D
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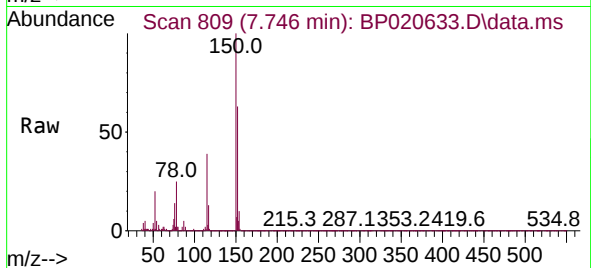
Quant Time: Jun 14 22:56:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration



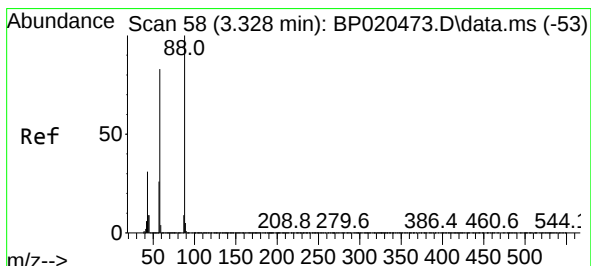
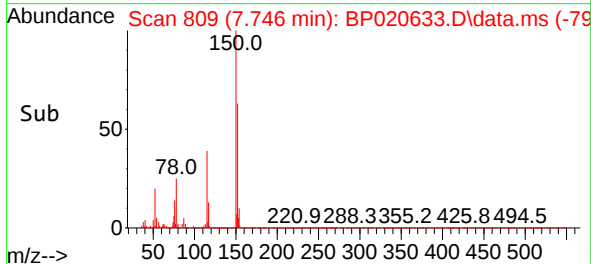
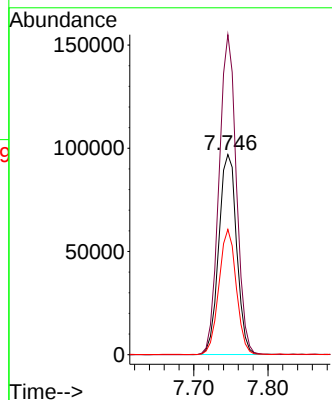


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 8
Delta R.T. -0.023 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

Instrument :
BNA_P
ClientSampleId :
WC-I

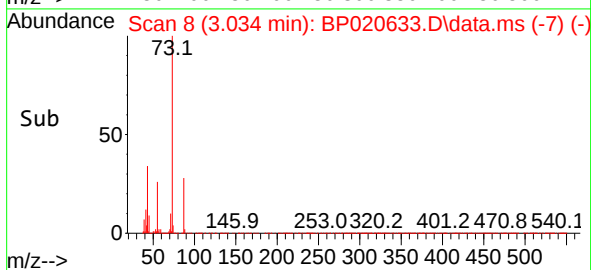
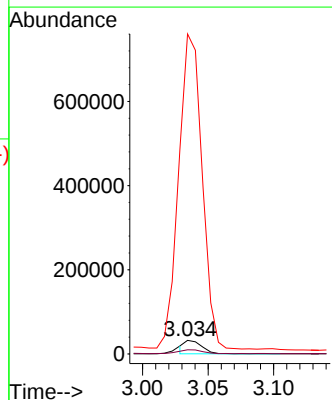
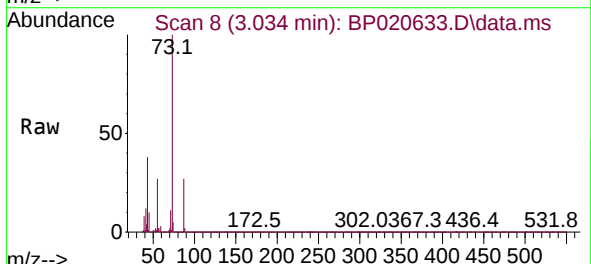


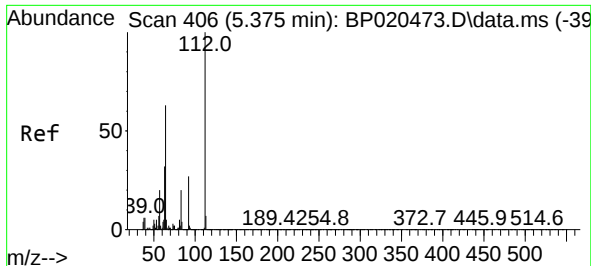
Tgt Ion:152 Resp: 162246
Ion Ratio Lower Upper
152 100
150 159.8 124.2 186.2
115 62.6 49.5 74.3



#2
1,4-Dioxane
Concen: 7.923 ng
RT: 3.034 min Scan# 8
Delta R.T. -0.294 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

Tgt Ion: 88 Resp: 29010
Ion Ratio Lower Upper
88 100
58 29.8 64.6 97.0#
43 2400.5 24.5 36.7#

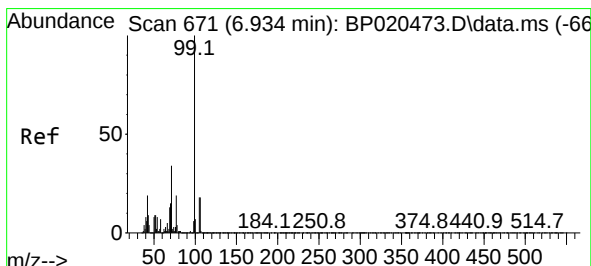
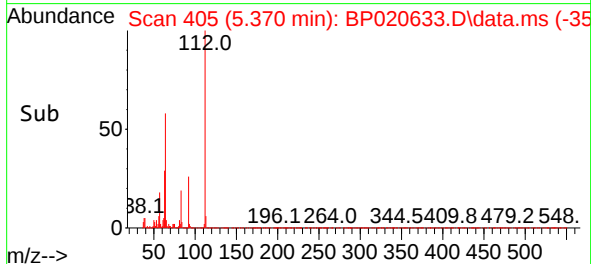
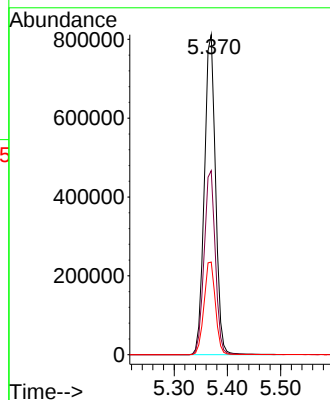
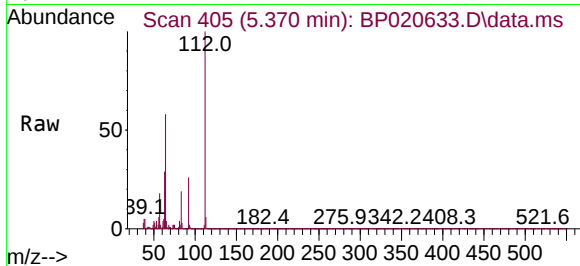




#5
2-Fluorophenol
Concen: 130.057 ng
RT: 5.370 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

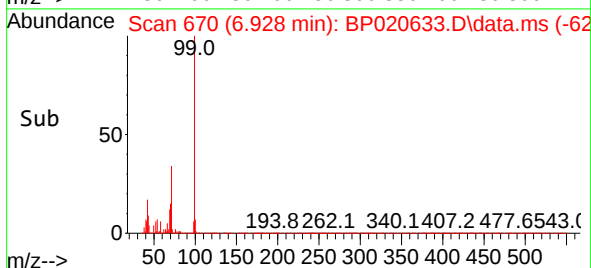
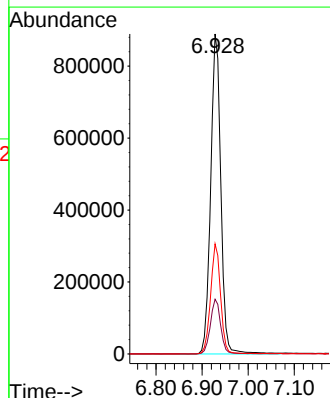
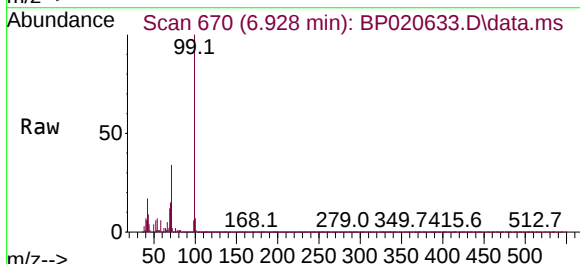
Instrument :
BNA_P
ClientSampleId :
WC-I

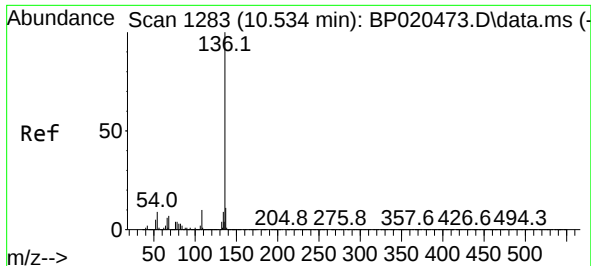
Tgt Ion:112 Resp: 1178540
Ion Ratio Lower Upper
112 100
64 57.5 50.1 75.1
63 29.0 25.7 38.5



#7
Phenol-d6
Concen: 106.921 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

Tgt Ion: 99 Resp: 1366374
Ion Ratio Lower Upper
99 100
42 17.1 15.0 22.4
71 34.4 27.3 40.9

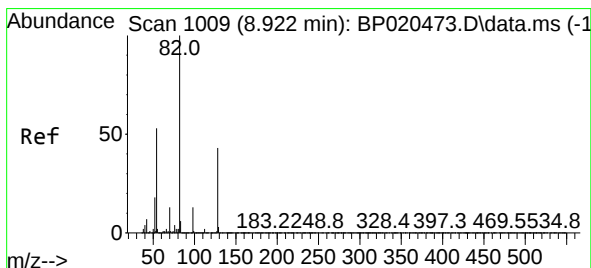
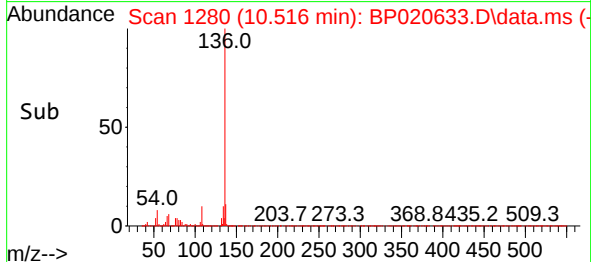
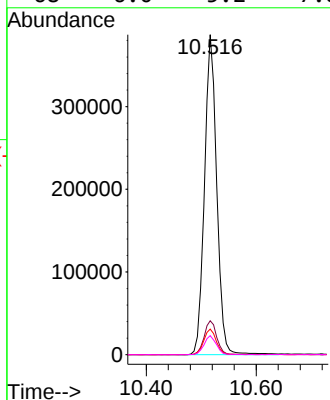
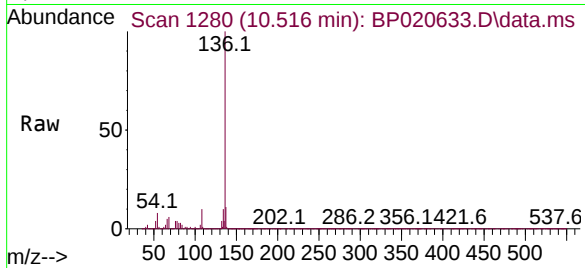




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

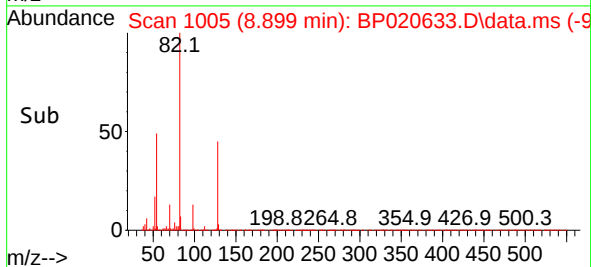
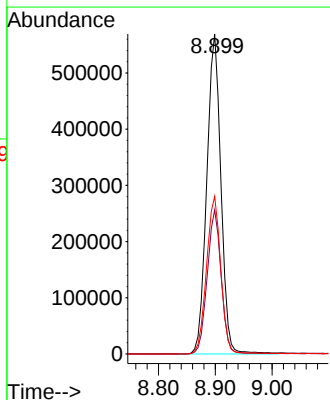
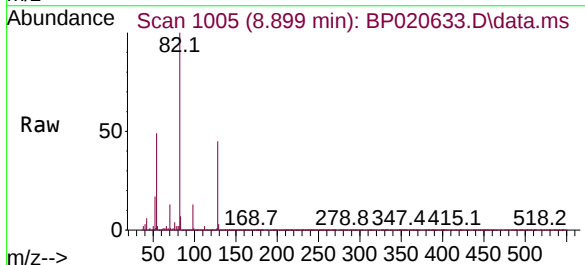
Instrument :
BNA_P
ClientSampleId :
WC-I

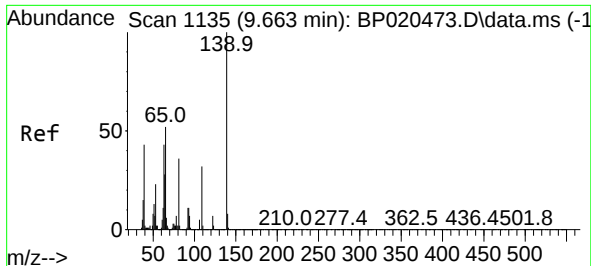
Tgt Ion:	136	Resp:	597413
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.0	7.4	11.0
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 89.861 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

Tgt Ion:	82	Resp:	980709
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.4
54	49.2	42.7	64.1

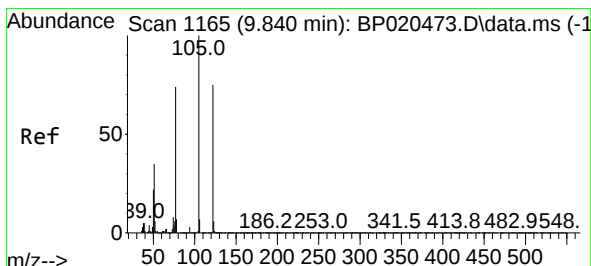
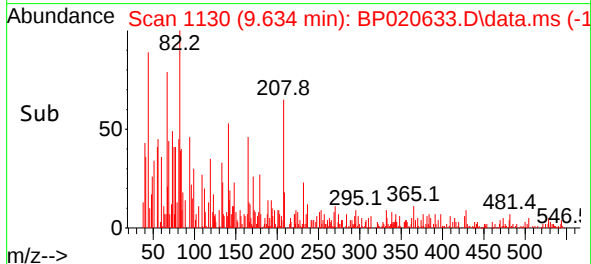
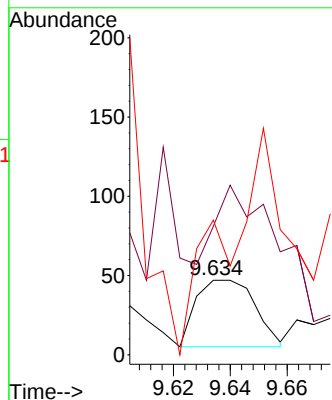
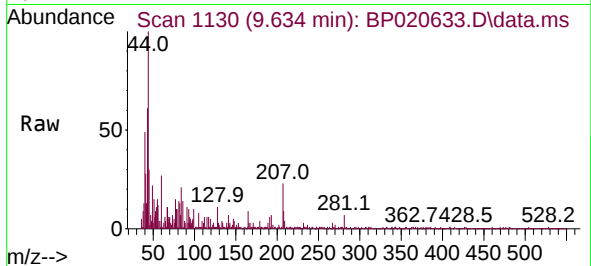




#26
2-Nitrophenol
Concen: 3.804 ng
RT: 9.634 min Scan# 1135
Delta R.T. -0.029 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

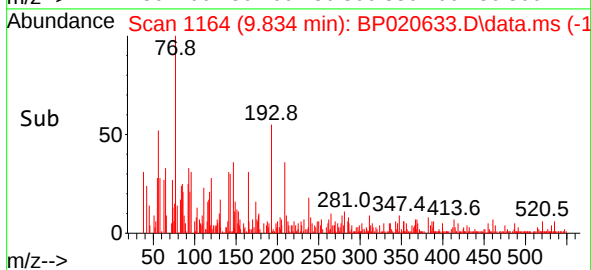
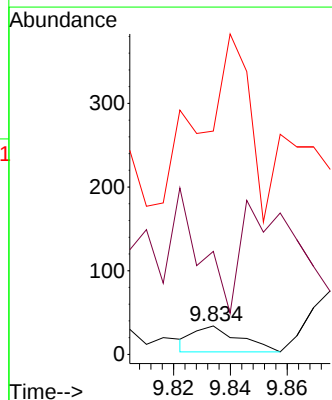
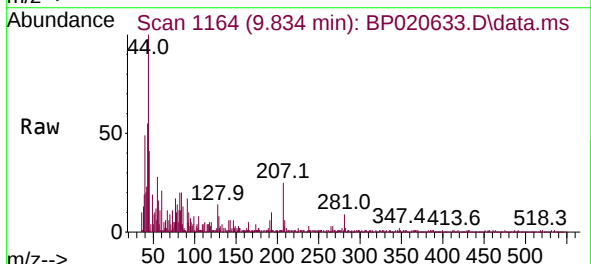
Instrument :
BNA_P
ClientSampleId :
WC-I

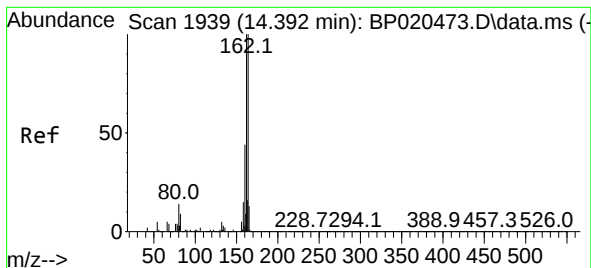
Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 132.8 25.8 38.8#
65 139.3 41.8 62.8#



#32
Benzoic acid
Concen: 6.853 ng
RT: 9.834 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

Tgt Ion:122 Resp: 35
Ion Ratio Lower Upper
122 100
105 361.8 107.5 147.5#
77 785.3 76.1 116.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.017 min

Lab File: BP020633.D

Acq: 14 Jun 2024 20:29

Instrument :

BNA_P

ClientSampleId :

WC-I

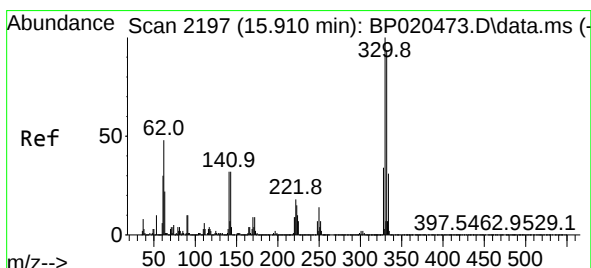
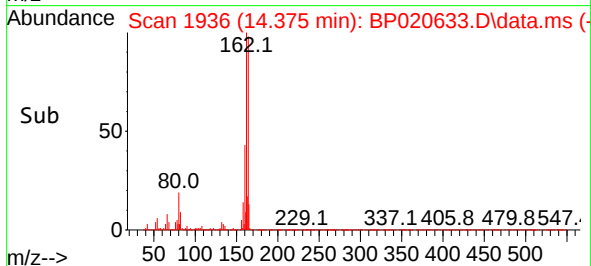
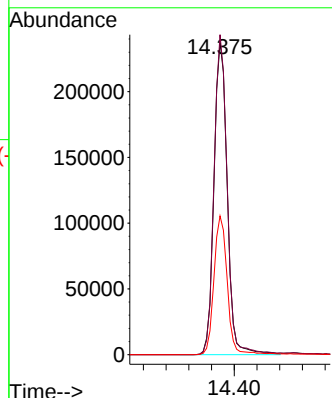
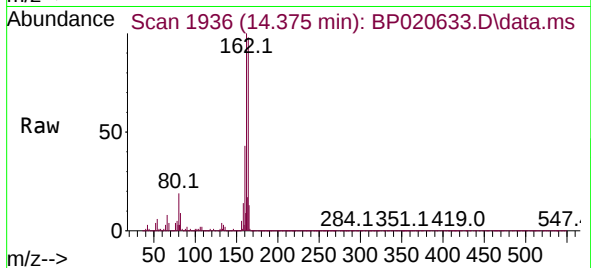
Tgt Ion:164 Resp: 384292

Ion Ratio Lower Upper

164 100

162 102.5 80.3 120.5

160 44.4 35.4 53.2



#42

2,4,6-Tribromophenol

Concen: 181.531 ng

RT: 15.893 min Scan# 2194

Delta R.T. -0.018 min

Lab File: BP020633.D

Acq: 14 Jun 2024 20:29

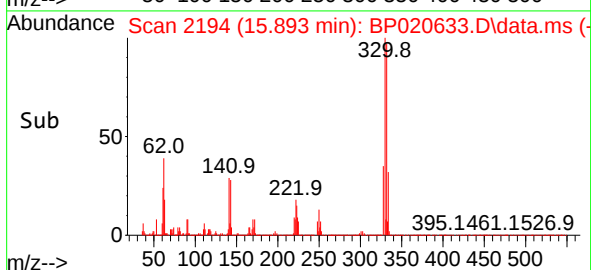
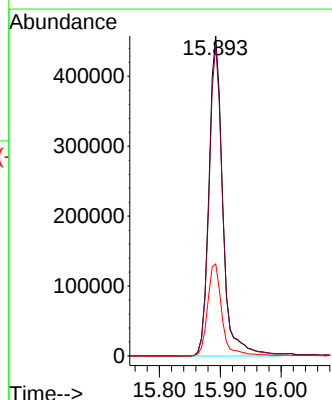
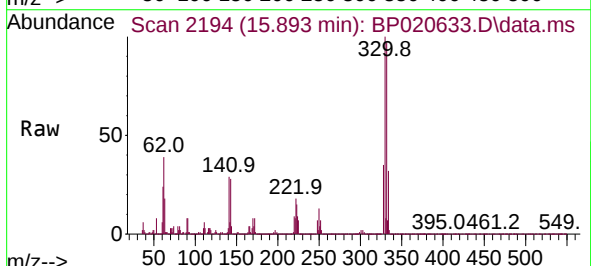
Tgt Ion:330 Resp: 723983

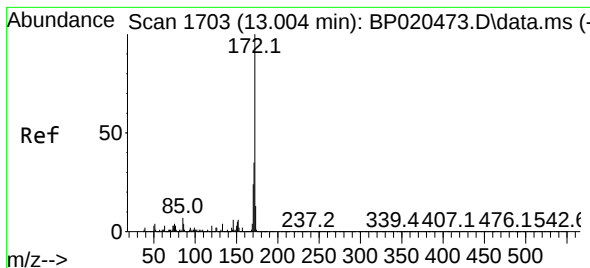
Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

141 29.8 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 87.028 ng

RT: 12.981 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP020633.D

Acq: 14 Jun 2024 20:29

Instrument :

BNA_P

ClientSampleId :

WC-I

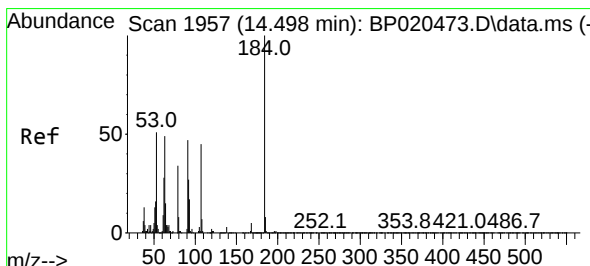
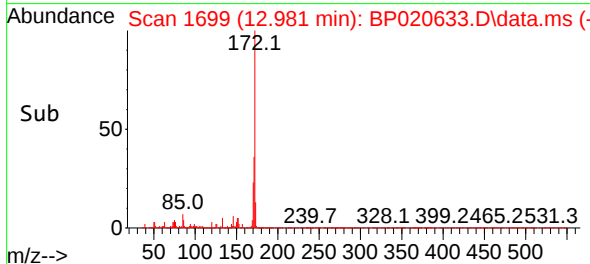
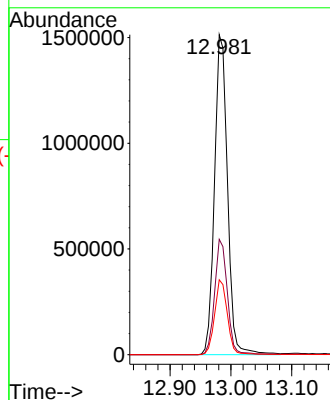
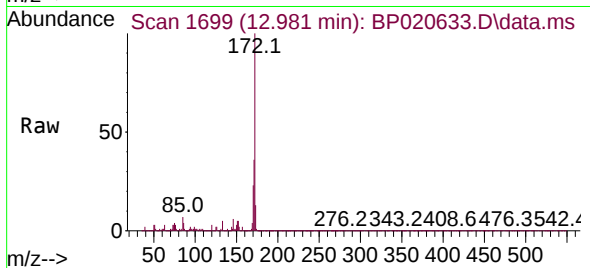
Tgt Ion:172 Resp: 2243469

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.4 18.9 28.3



#54

2,4-Dinitrophenol

Concen: 5.007 ng

RT: 14.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BP020633.D

Acq: 14 Jun 2024 20:29

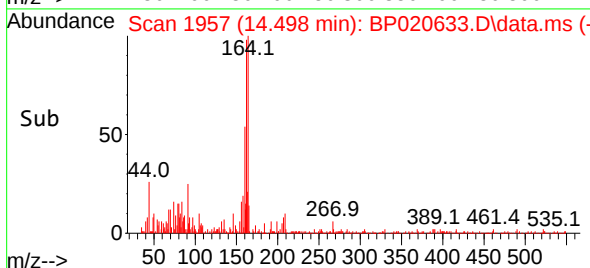
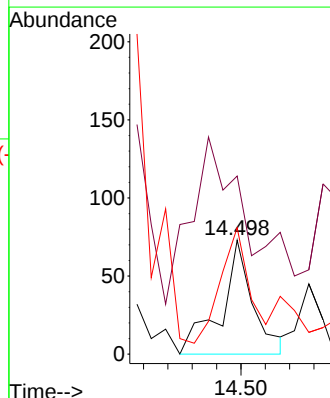
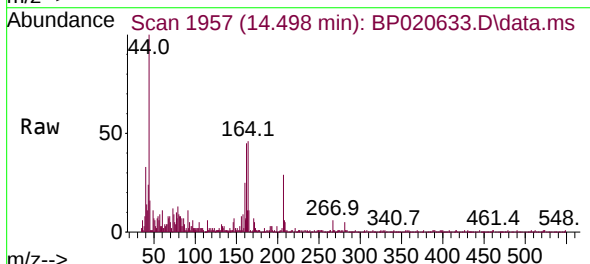
Tgt Ion:184 Resp: 67

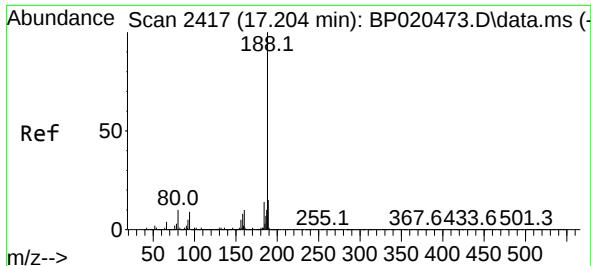
Ion Ratio Lower Upper

184 100

63 156.2 54.2 81.4#

154 111.0 51.0 76.6#

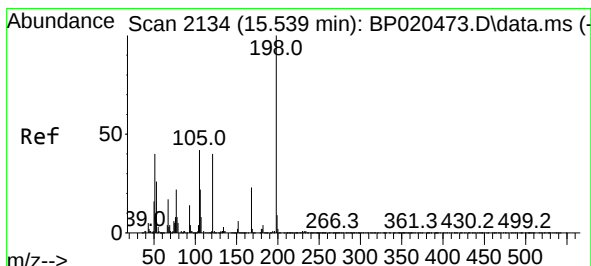
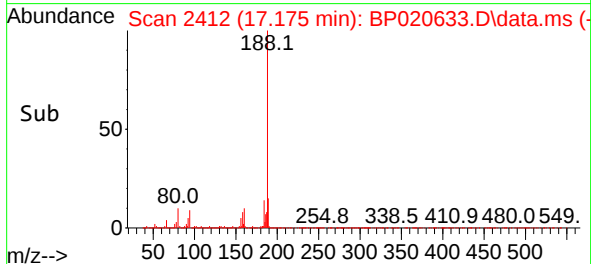
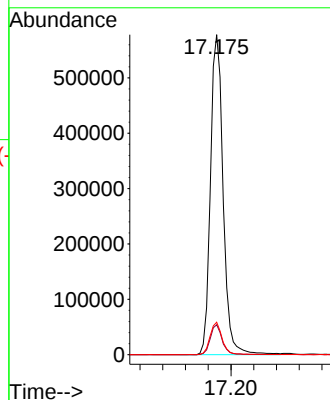
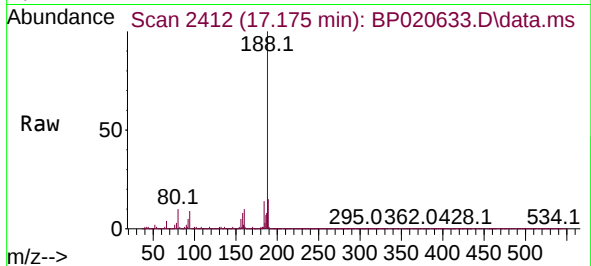




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2417
Delta R.T. -0.029 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

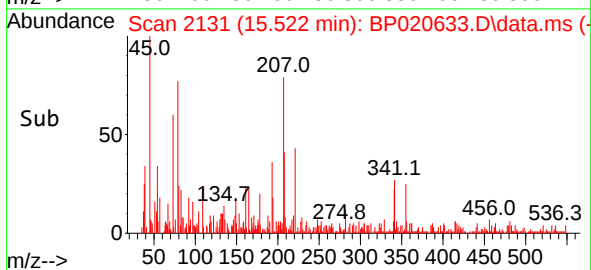
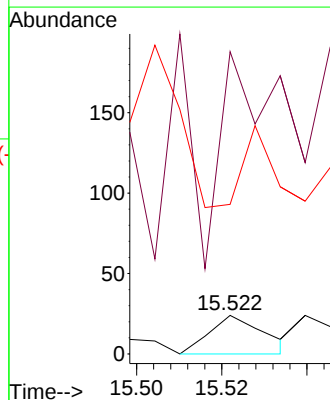
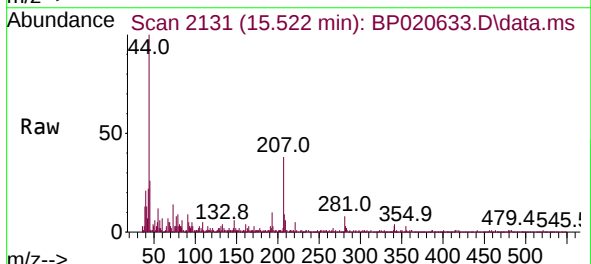
Instrument :
BNA_P
ClientSampleId :
WC-I

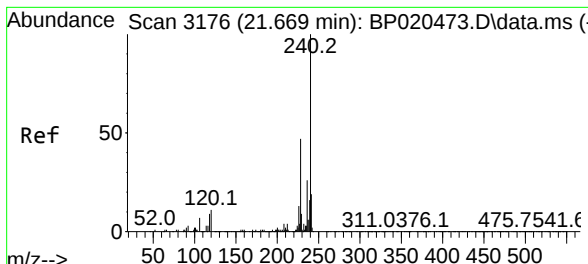
Tgt Ion:188 Resp: 889789
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.1 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.658 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
51 783.3 24.8 64.8#
105 387.5 23.2 63.2#

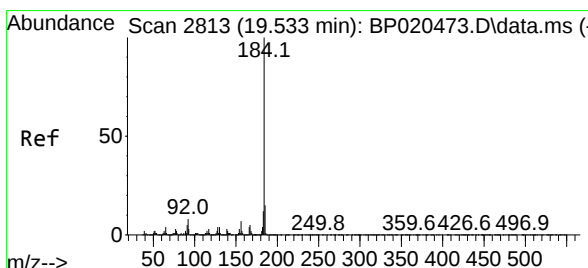
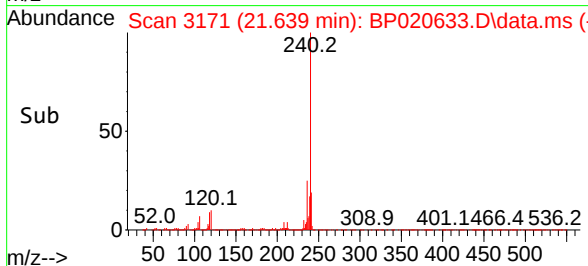
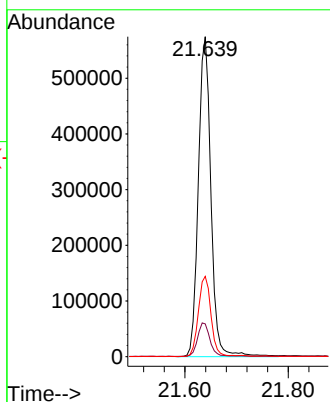
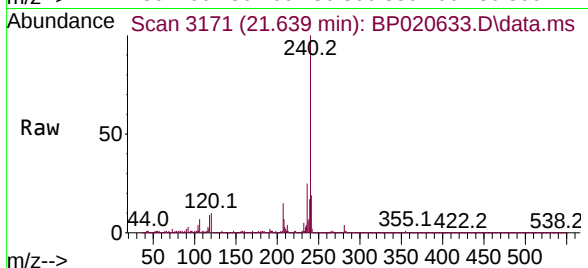




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

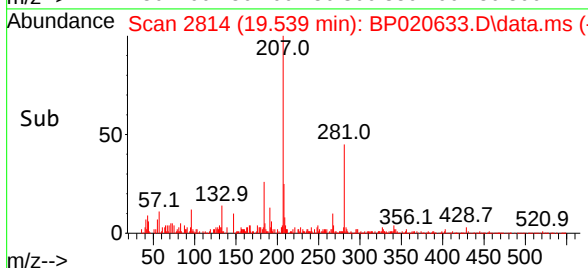
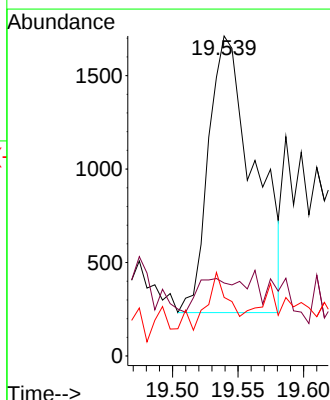
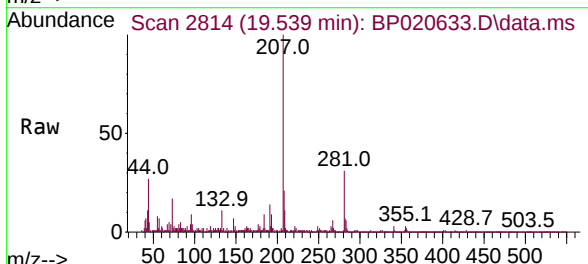
Instrument :
BNA_P
ClientSampleId :
WC-I

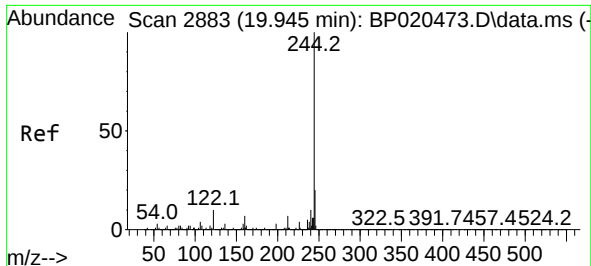
Tgt Ion:	240	Resp:	969476
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.5	12.7
236	25.1	20.5	30.7



#77
Benzidine
Concen: 6.061 ng
RT: 19.539 min Scan# 2814
Delta R.T. 0.006 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

Tgt Ion:	184	Resp:	3577
Ion Ratio	Lower	Upper	
184	100		
185	22.8	12.0	18.0#
183	18.3	9.4	14.0#

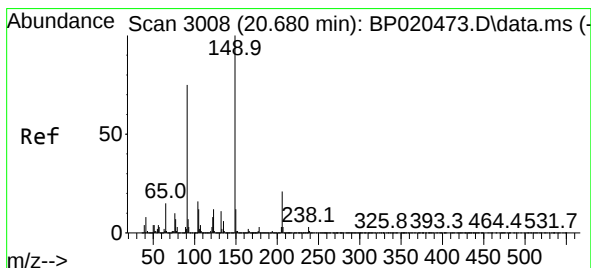
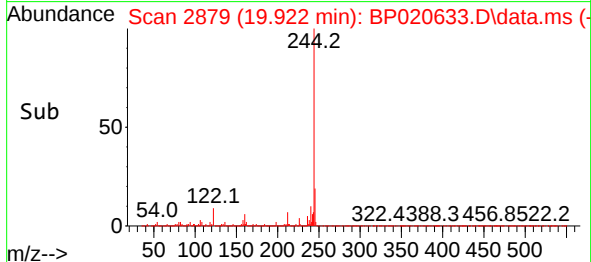
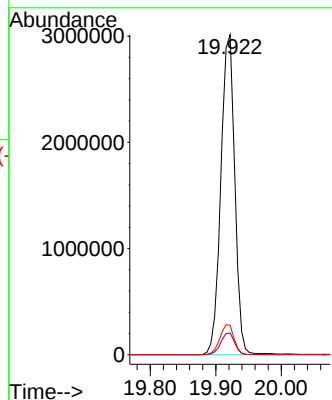
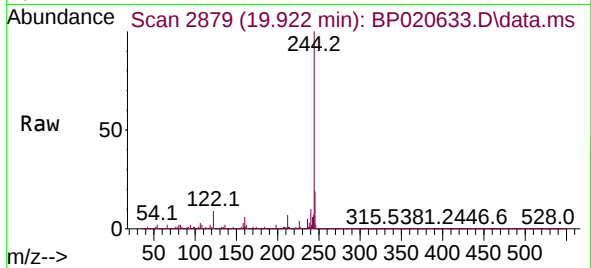




#79
 Terphenyl-d14
 Concen: 76.161 ng
 RT: 19.922 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP020633.D
 Acq: 14 Jun 2024 20:29

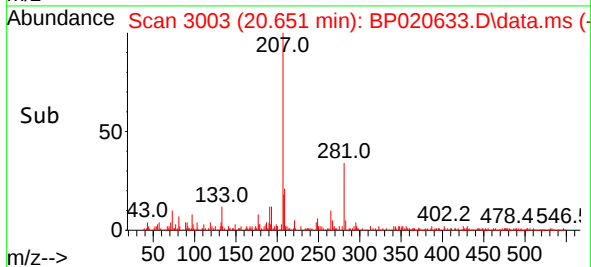
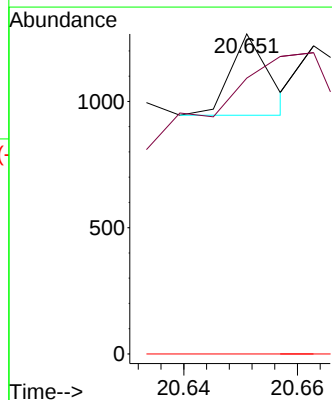
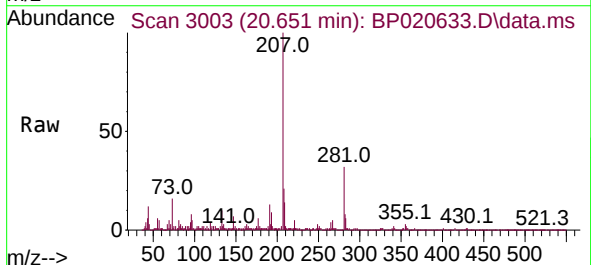
Instrument :
 BNA_P
 ClientSampleId :
 WC-I

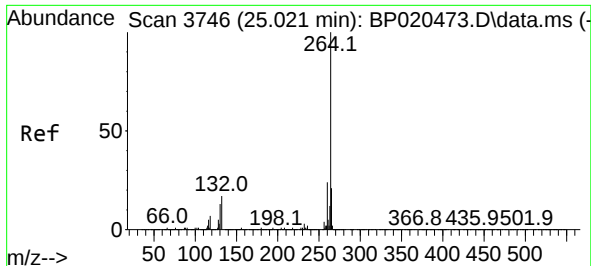
Tgt Ion:244 Resp: 4435317
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 2.436 ng
 RT: 20.651 min Scan# 3003
 Delta R.T. -0.029 min
 Lab File: BP020633.D
 Acq: 14 Jun 2024 20:29

Tgt Ion:149 Resp: 154
 Ion Ratio Lower Upper
 149 100
 91 86.2 60.0 90.0
 206 0.0 16.6 25.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP020633.D
Acq: 14 Jun 2024 20:29

Instrument :
BNA_P
ClientSampleId :
WC-I

Tgt Ion:264 Resp: 1123180
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.7 17.4 26.0

