

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015328.D
 Acq On : 27 May 2023 01:49
 Operator : CG/JU
 Sample : 02945-02 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC20

Quant Time: May 29 02:11:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

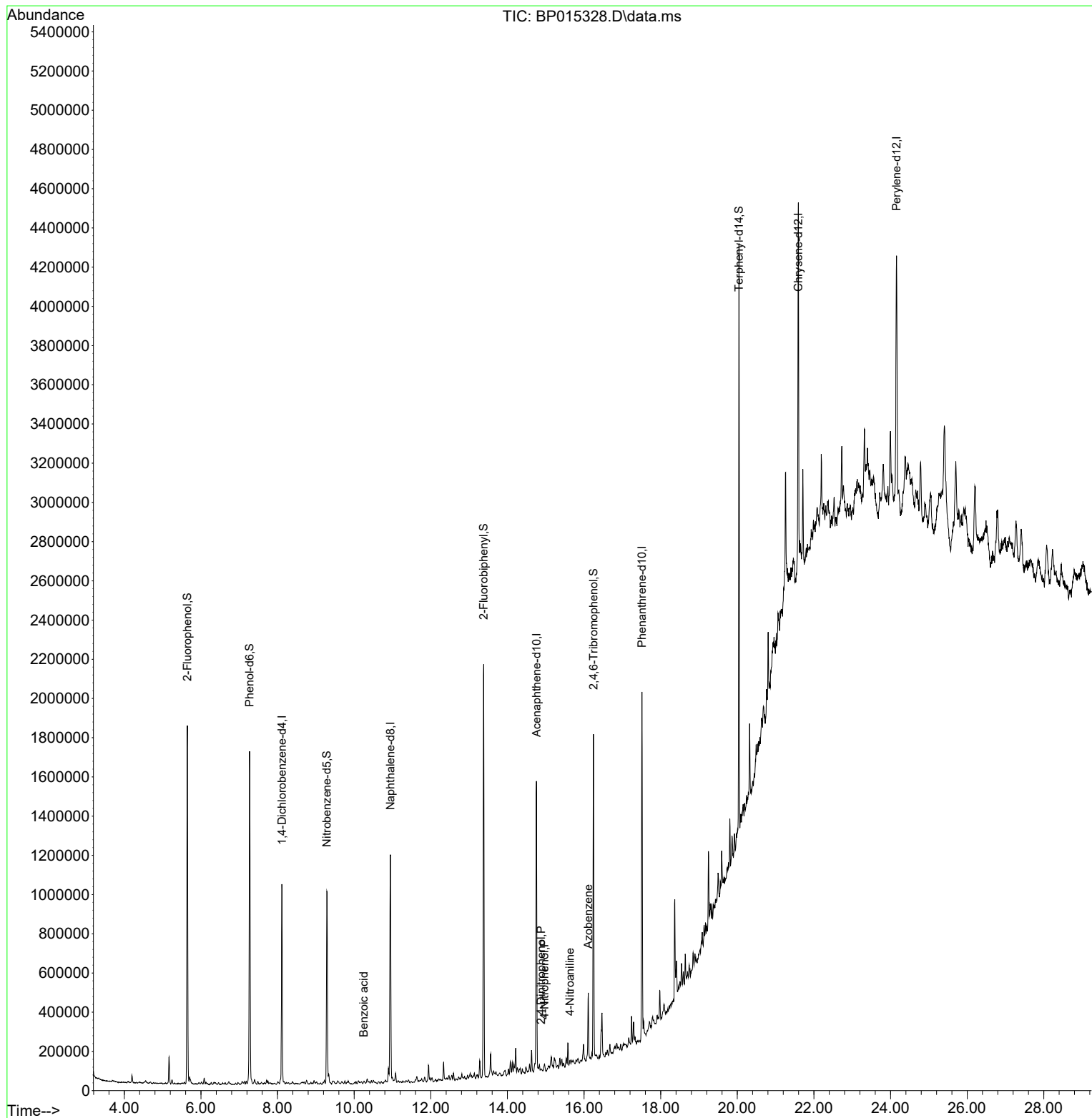
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	270234	20.000	ng	0.00
21) Naphthalene-d8	10.946	136	963426	20.000	ng	0.00
39) Acenaphthene-d10	14.757	164	496789	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	1026847	20.000	ng	0.00
76) Chrysene-d12	21.592	240	899165	20.000	ng	0.00
86) Perylene-d12	24.157	264	1113234	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	763652	46.826	ng	0.01
7) Phenol-d6	7.269	99	939795	43.973	ng	0.00
23) Nitrobenzene-d5	9.287	82	575561	29.169	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	306873	45.456	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	1059273	28.626	ng	0.00
79) Terphenyl-d14	20.045	244	1335960	27.947	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.246	77	6928	Below Cal	#	69
32) Benzoic acid	10.246	122	56	6.347 ng	#	1
54) 2,4-Dinitrophenol	14.875	184	59	5.197 ng	#	1
56) 4-Nitrophenol	14.969	139	1550	3.630 ng	#	70
62) 4-Nitroaniline	15.634	138	697	2.379 ng	#	92
63) Azobenzene	16.110	77	96510	2.613 ng	#	1

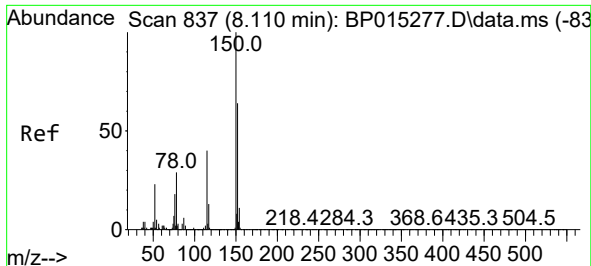
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015328.D
Acq On : 27 May 2023 01:49
Operator : CG/JU
Sample : 02945-02 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC20

Quant Time: May 29 02:11:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

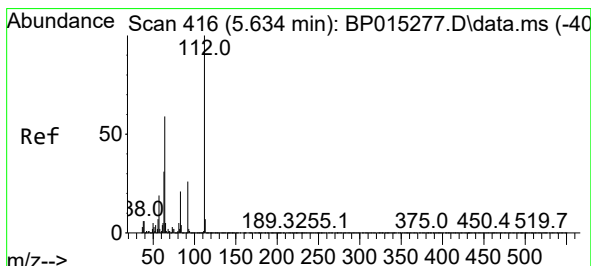
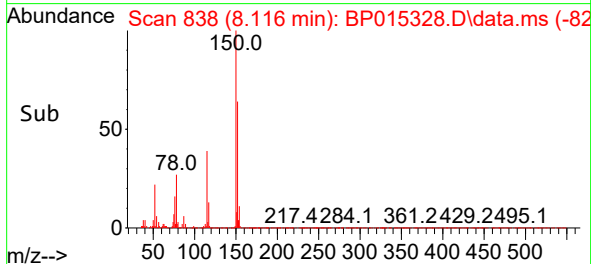
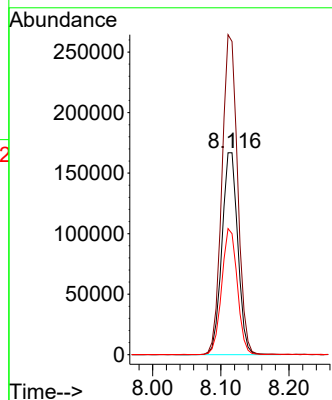
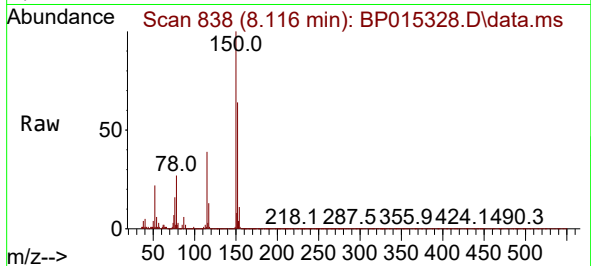




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

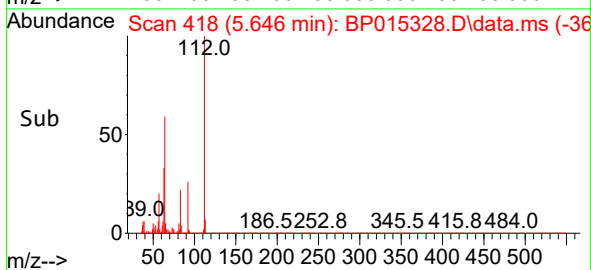
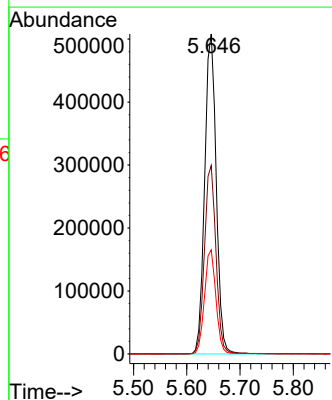
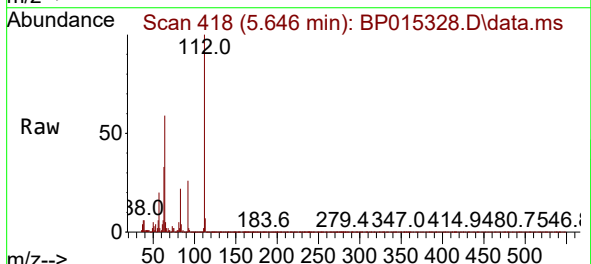
Instrument :
BNA_P
ClientSampleId :
WC20

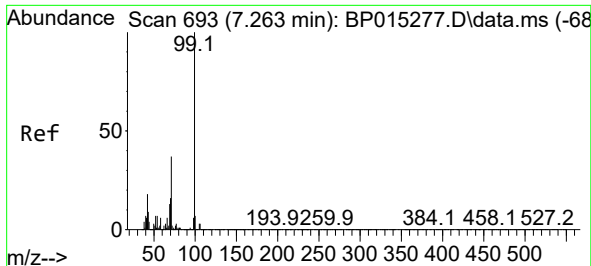
Tgt Ion:152 Resp: 270234
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.2
115 59.9 49.1 73.7



#5
2-Fluorophenol
Concen: 46.826 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.012 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion:112 Resp: 763652
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 32.6 24.6 37.0

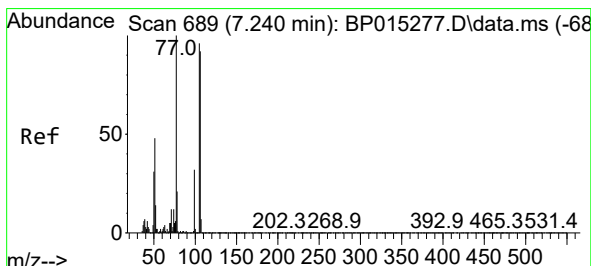
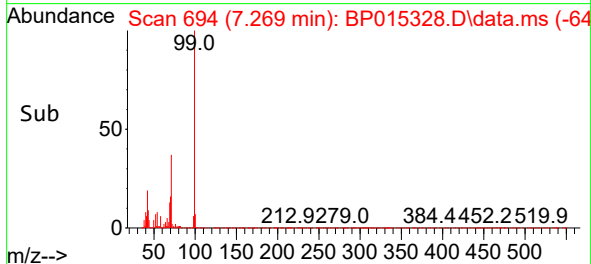
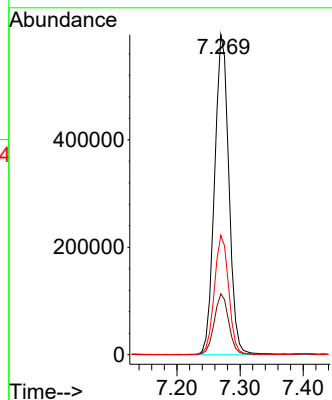
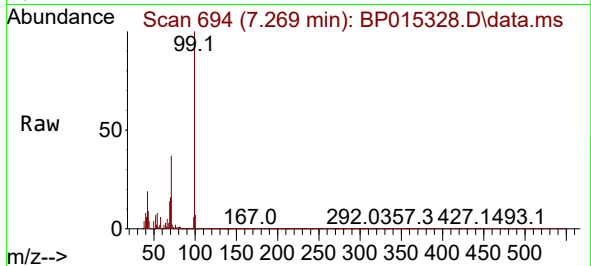




#7
Phenol-d6
Concen: 43.973 ng
RT: 7.269 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

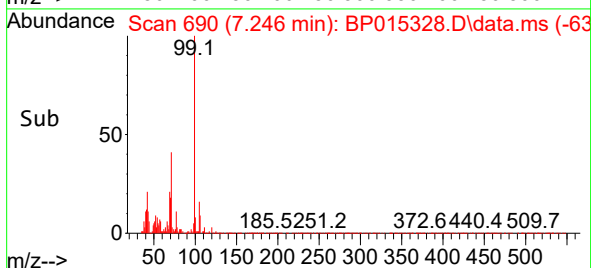
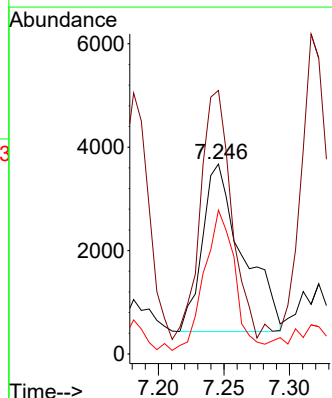
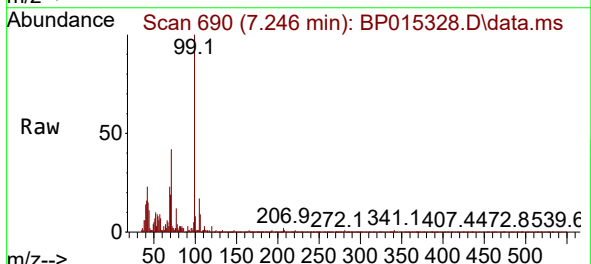
Instrument :
BNA_P
ClientSampleId :
WC20

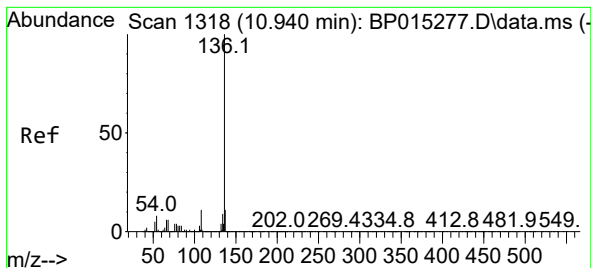
Tgt Ion: 99 Resp: 939795
Ion Ratio Lower Upper
99 100
42 19.0 14.6 22.0
71 37.3 29.4 44.2



#9
Benzaldehyde
Concen: Below Cal
RT: 7.246 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion: 77 Resp: 6928
Ion Ratio Lower Upper
77 100
105 138.7 75.9 115.9#
106 75.7 72.3 112.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.946 min Scan# 11

Delta R.T. 0.006 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

Instrument :

BNA_P

ClientSampleId :

WC20

Tgt Ion:136 Resp: 963426

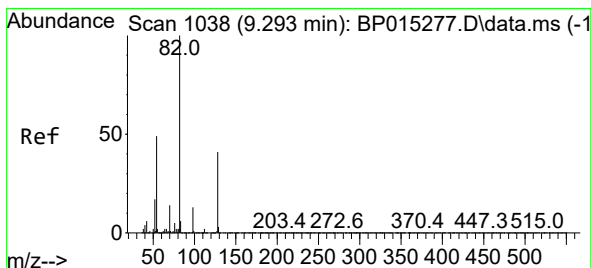
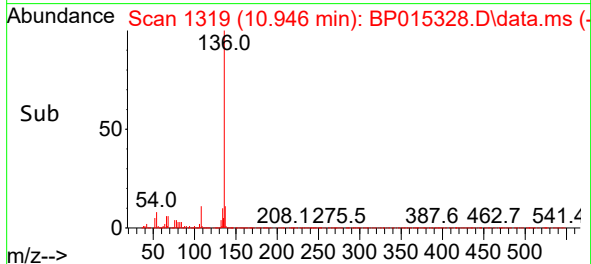
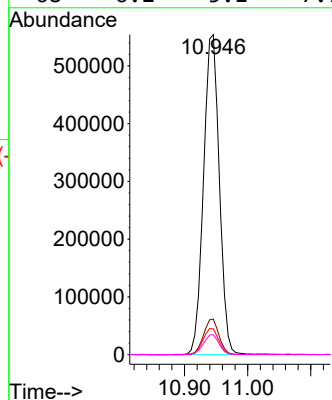
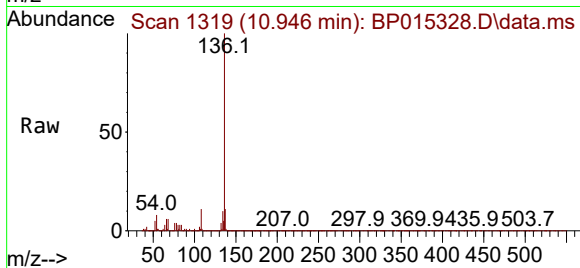
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 6.3 9.5

68 6.2 5.1 7.7



#23

Nitrobenzene-d5

Concen: 29.169 ng

RT: 9.287 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

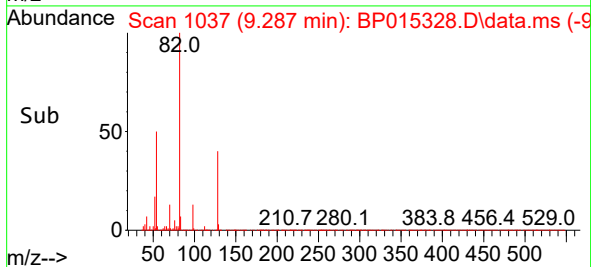
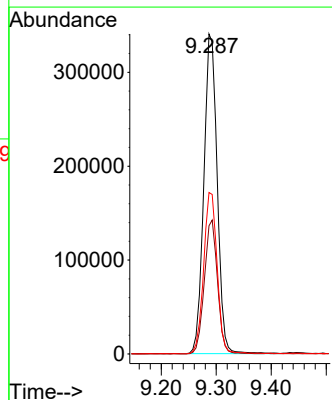
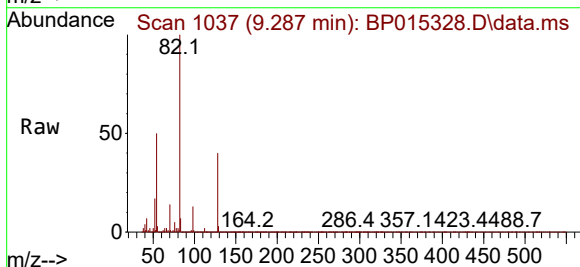
Tgt Ion: 82 Resp: 575561

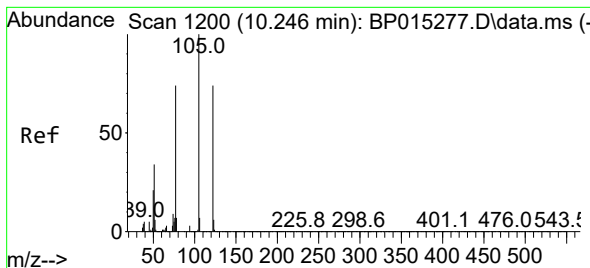
Ion Ratio Lower Upper

82 100

128 40.0 33.0 49.4

54 50.5 39.2 58.8





#32

Benzoic acid

Concen: 6.347 ng

RT: 10.246 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

Instrument :

BNA_P

ClientSampleId :

WC20

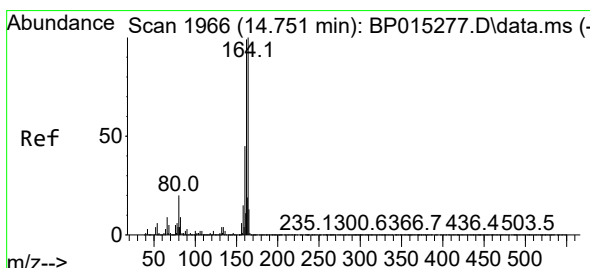
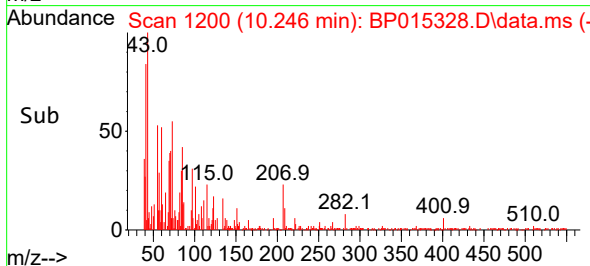
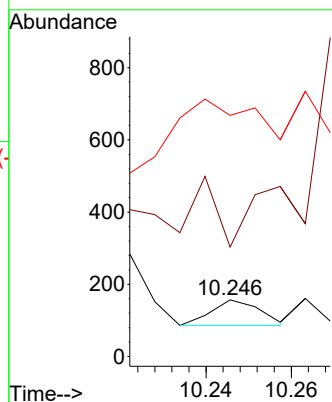
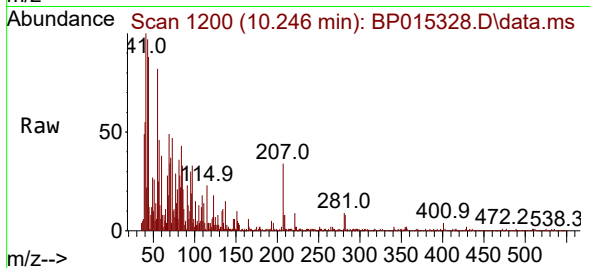
Tgt Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 193.0 109.5 149.5#

77 425.5 78.2 118.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.757 min Scan# 1967

Delta R.T. 0.006 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

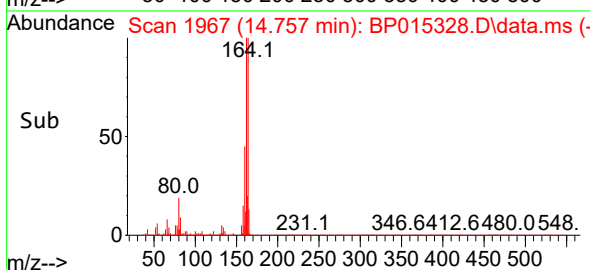
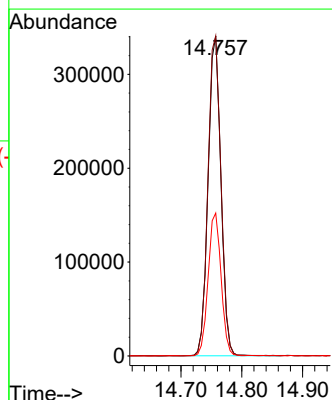
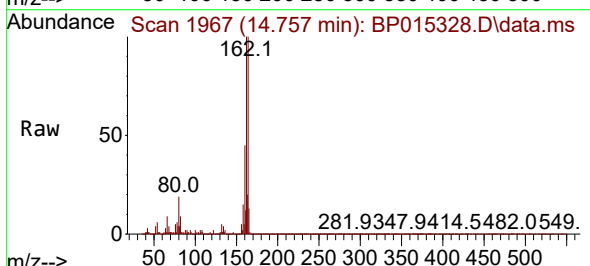
Tgt Ion:164 Resp: 496789

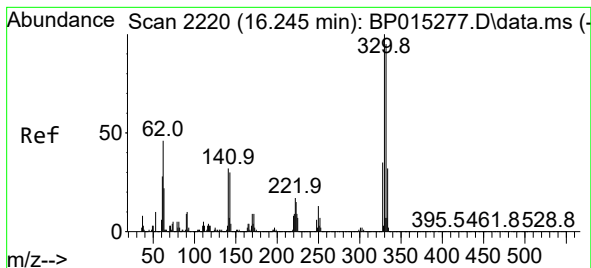
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 45.456 ng

RT: 16.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

Instrument :

BNA_P

ClientSampleId :

WC20

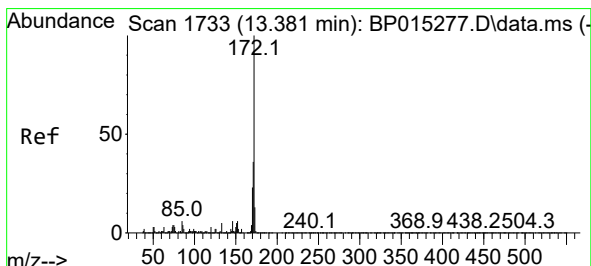
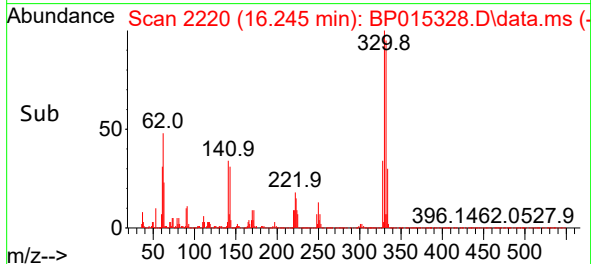
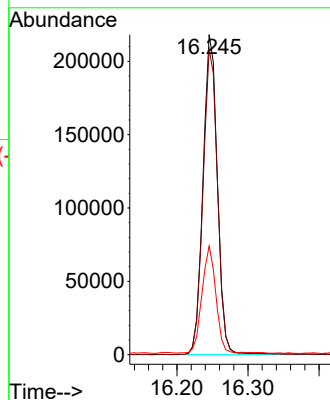
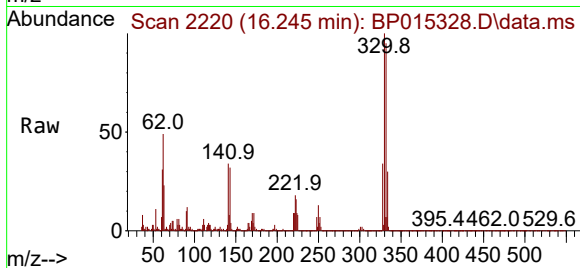
Tgt Ion:330 Resp: 306873

Ion Ratio Lower Upper

330 100

332 95.9 76.3 114.5

141 32.1 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 28.626 ng

RT: 13.381 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

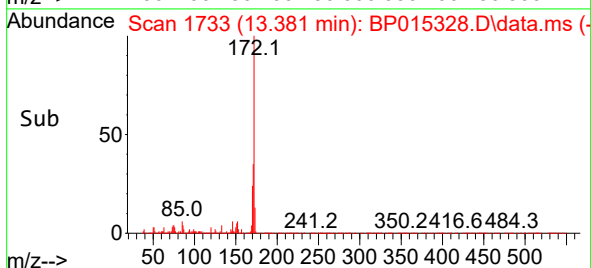
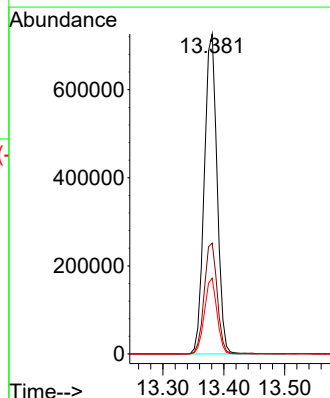
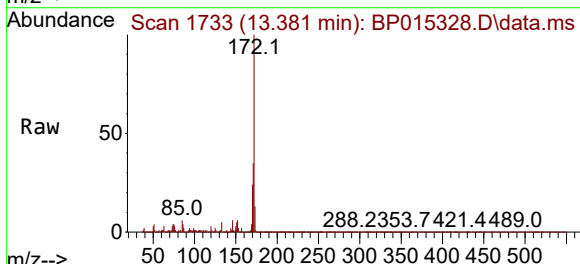
Tgt Ion:172 Resp: 1059273

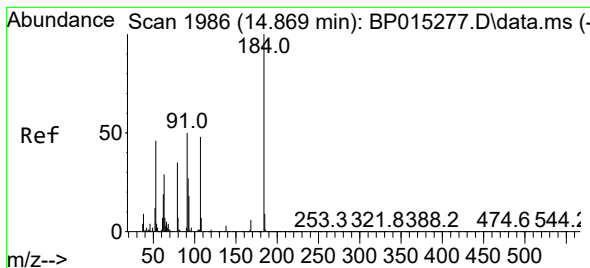
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.7 18.7 28.1

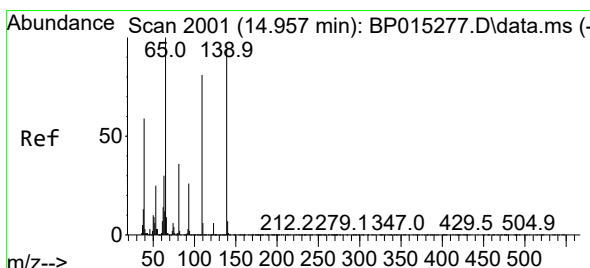
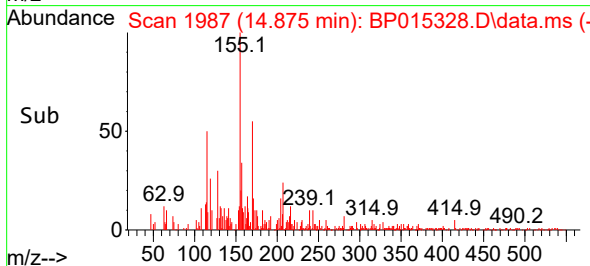
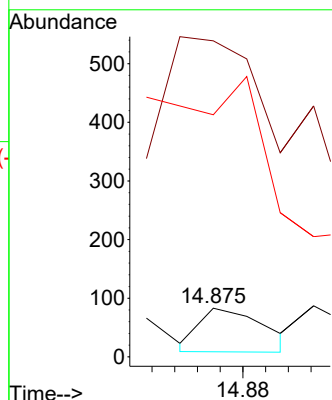
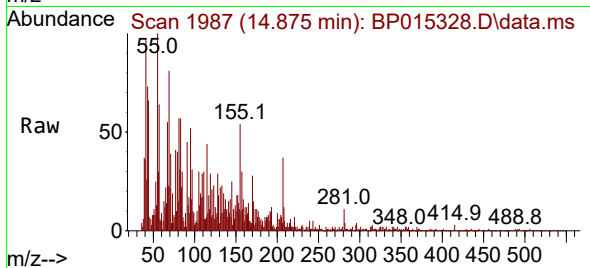




#54
2,4-Dinitrophenol
Concen: 5.197 ng
RT: 14.875 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

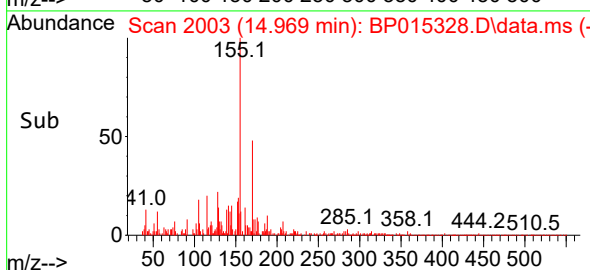
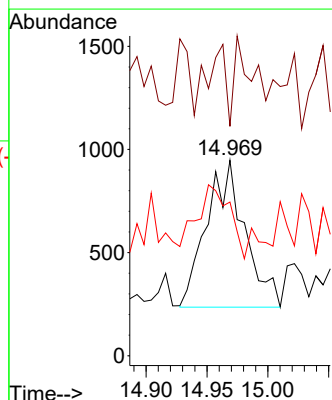
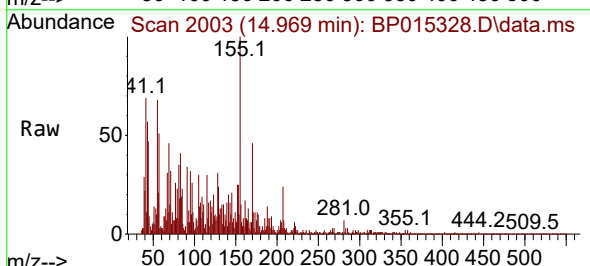
Instrument :
BNA_P
ClientSampleId :
WC20

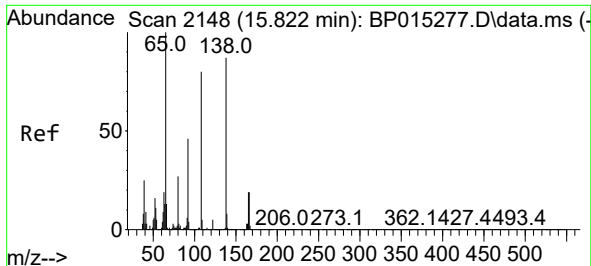
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 649.4 56.2 84.4#
154 497.6 53.2 79.8#



#56
4-Nitrophenol
Concen: 3.630 ng
RT: 14.969 min Scan# 2003
Delta R.T. 0.012 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion:139 Resp: 1550
Ion Ratio Lower Upper
139 100
109 117.3 66.5 106.5#
65 78.6 86.6 126.6#

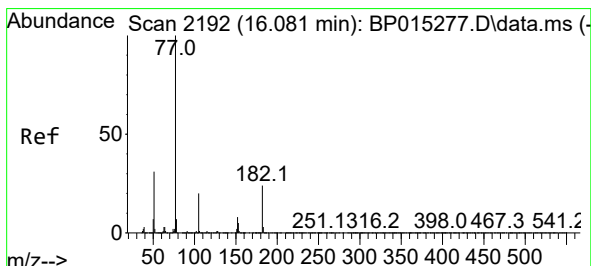
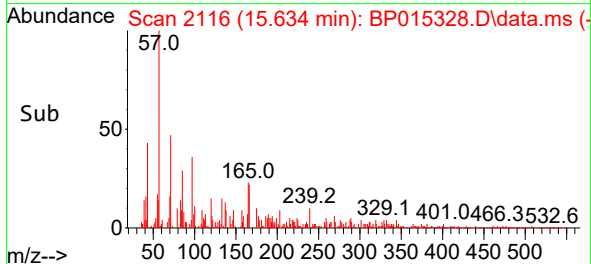
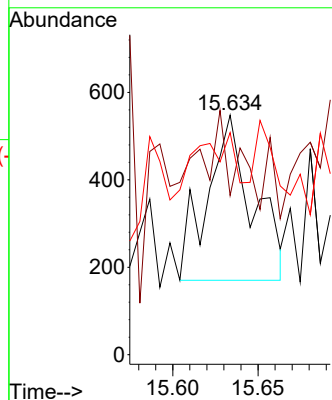
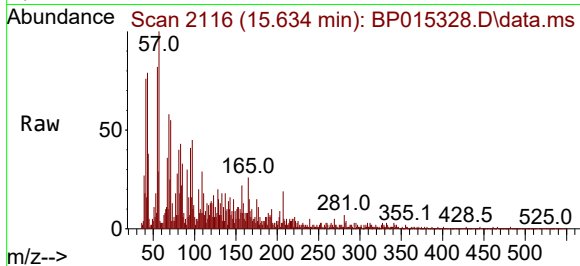




#62
4-Nitroaniline
Concen: 2.379 ng
RT: 15.634 min Scan# 2116
Delta R.T. -0.188 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

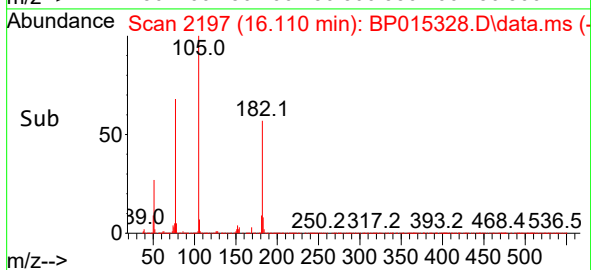
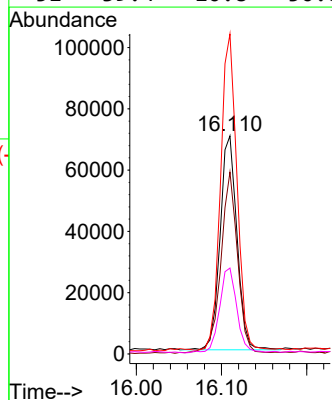
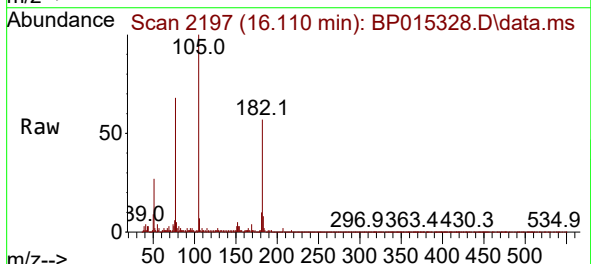
Instrument :
BNA_P
ClientSampleId :
WC20

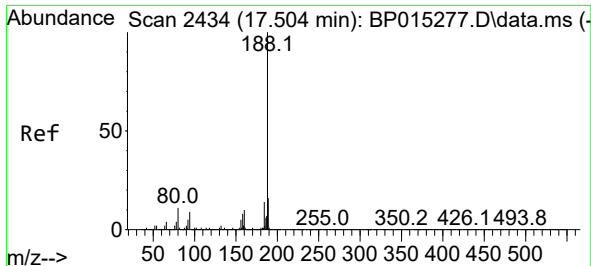
Tgt Ion:138 Resp: 697
Ion Ratio Lower Upper
138 100
92 66.4 33.1 73.1
108 92.7 71.0 111.0



#63
Azobenzene
Concen: 2.613 ng
RT: 16.110 min Scan# 2197
Delta R.T. 0.029 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion: 77 Resp: 96510
Ion Ratio Lower Upper
77 100
182 83.4 3.9 43.9#
105 146.7 0.3 40.3#
51 39.4 10.8 50.8

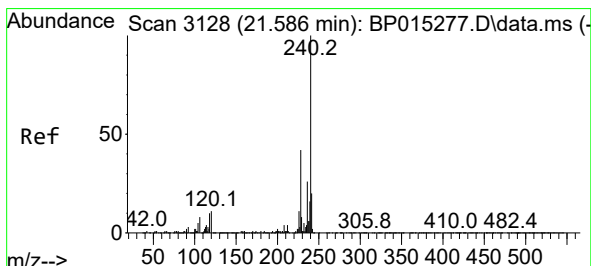
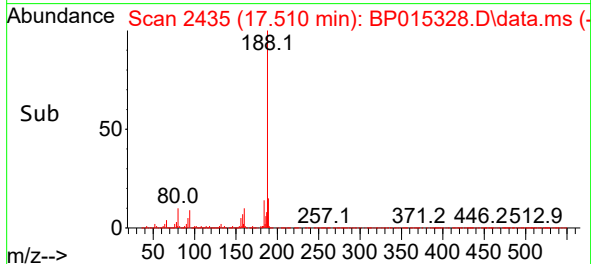
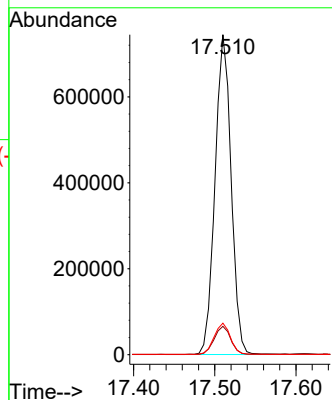
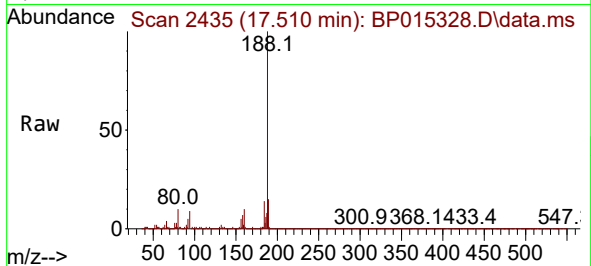




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

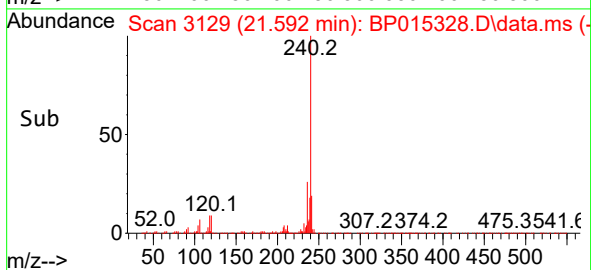
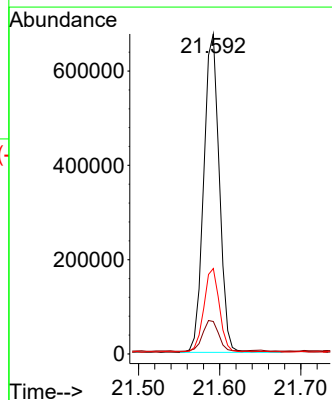
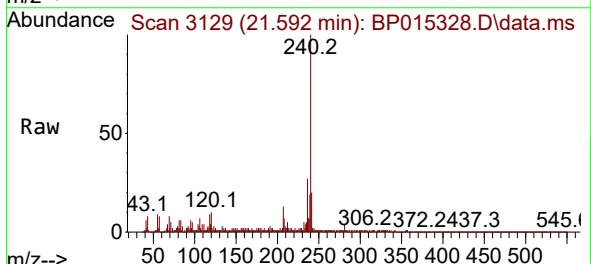
Instrument :
BNA_P
ClientSampleId :
WC20

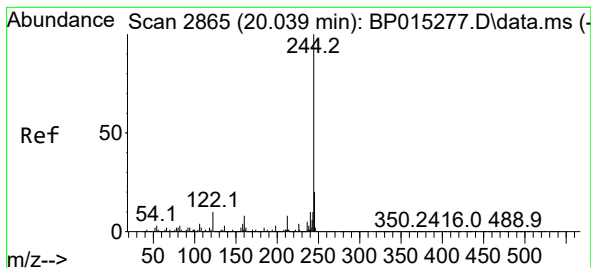
Tgt Ion:188 Resp: 1026847
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 9.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015328.D
Acq: 27 May 2023 01:49

Tgt Ion:240 Resp: 899165
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.7 20.5 30.7





#79

Terphenyl-d14

Concen: 27.947 ng

RT: 20.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

Instrument :

BNA_P

ClientSampleId :

WC20

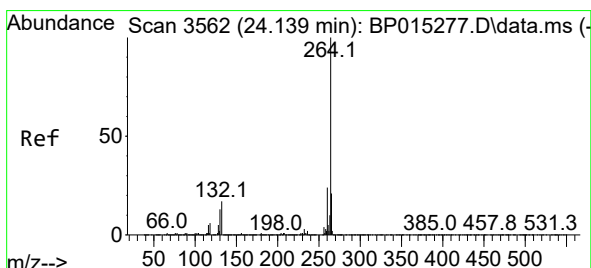
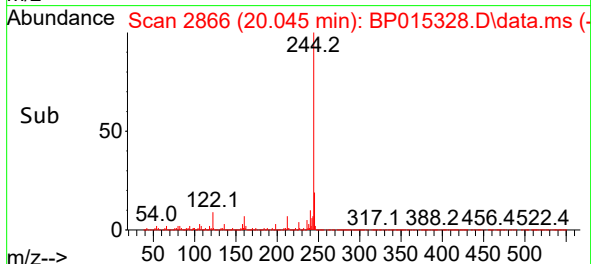
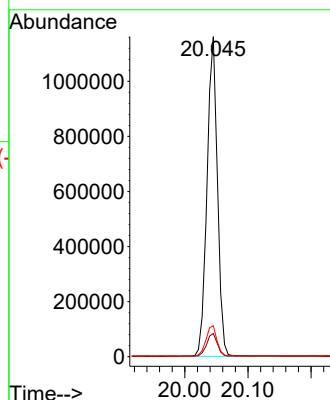
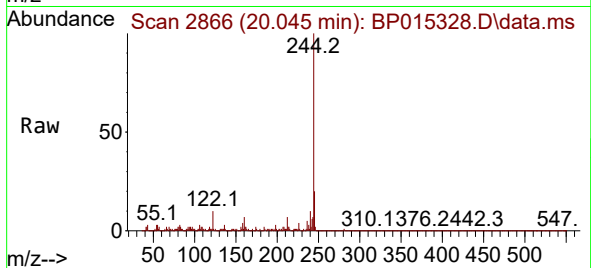
Tgt Ion:244 Resp: 1335960

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.7 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.157 min Scan# 3565

Delta R.T. 0.018 min

Lab File: BP015328.D

Acq: 27 May 2023 01:49

Tgt Ion:264 Resp: 1113234

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.1 17.5 26.3

