

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052423\
 Data File : BP015282.D
 Acq On : 24 May 2023 21:09
 Operator : CG/JU
 Sample : PB152920BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB152920BL

Quant Time: May 25 02:00:57 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)

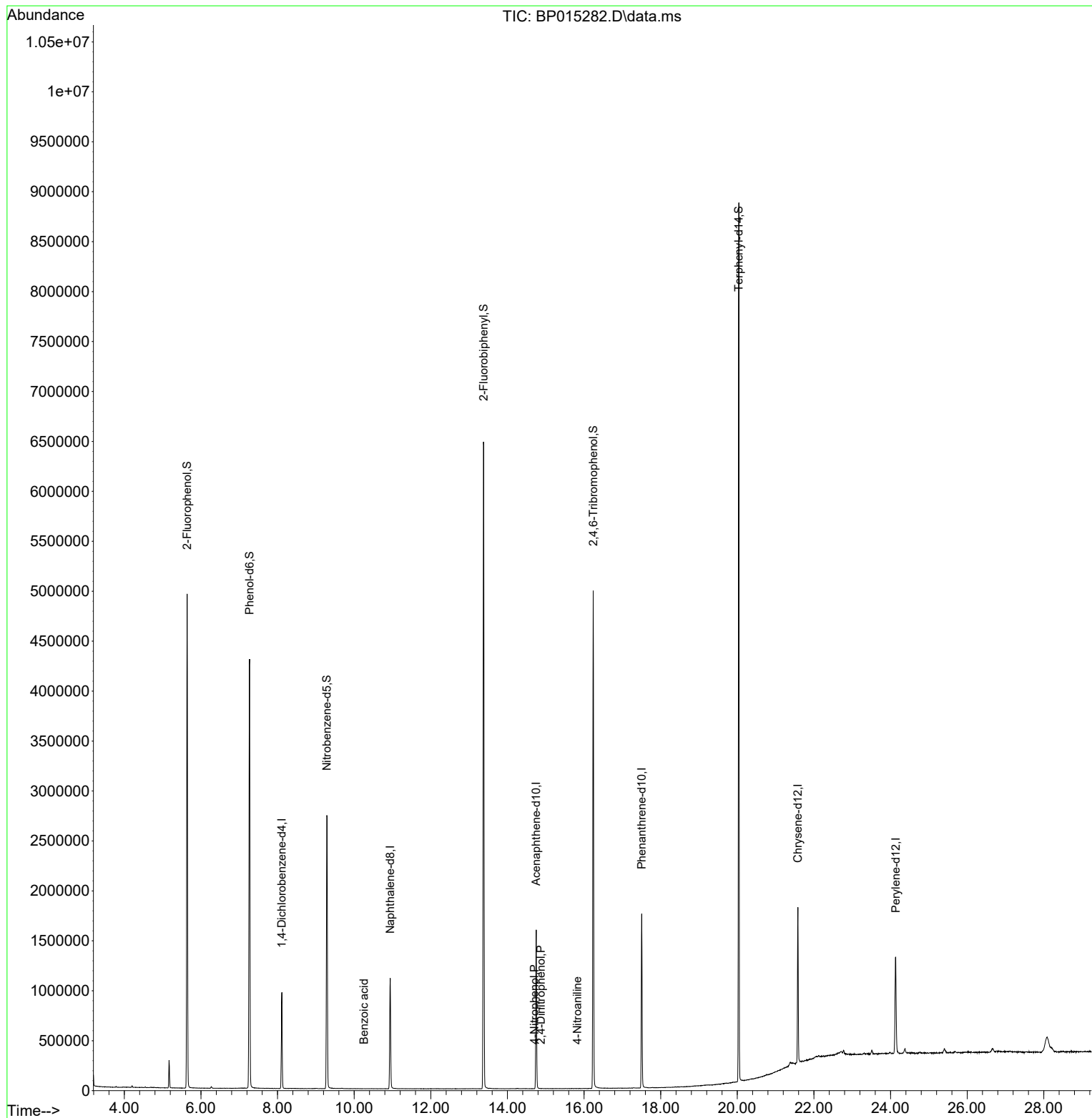
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	246157	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	912100	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	524240	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	1049123	20.000	ng	0.00
76) Chrysene-d12	21.580	240	766942	20.000	ng	0.00
86) Perylene-d12	24.133	264	801889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	2035087	136.996	ng	0.00
7) Phenol-d6	7.269	99	2522949	129.596	ng	0.00
23) Nitrobenzene-d5	9.287	82	1649480	88.299	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	932037	130.829	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	3364907	86.174	ng	0.00
79) Terphenyl-d14	20.039	244	3985194	97.739	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.269	77	4934	Below Cal	#	6
32) Benzoic acid	10.257	122	52	6.347 ng	#	1
54) 2,4-Dinitrophenol	14.869	184	19	5.190 ng	#	58
56) 4-Nitrophenol	14.704	139	9	3.430 ng	#	85
62) 4-Nitroaniline	15.822	138	23	2.307 ng	#	49

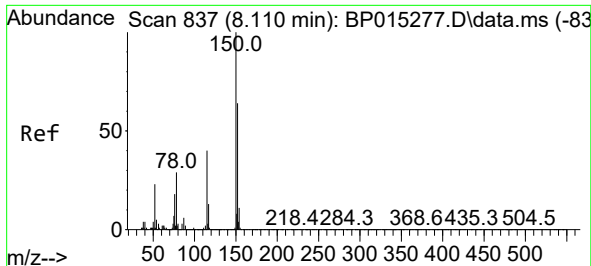
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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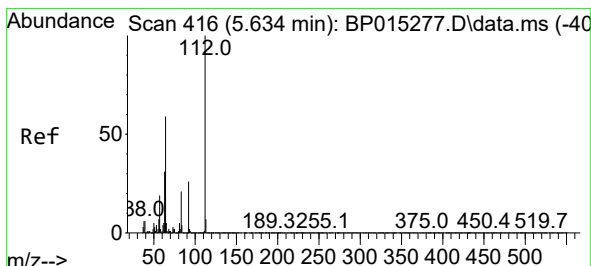
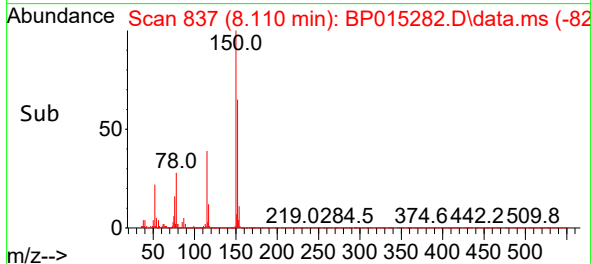
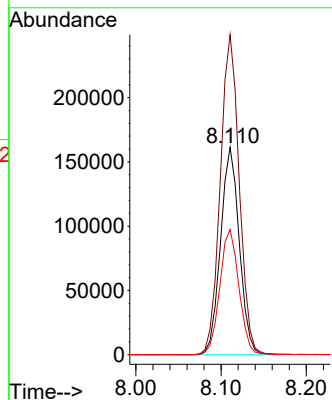
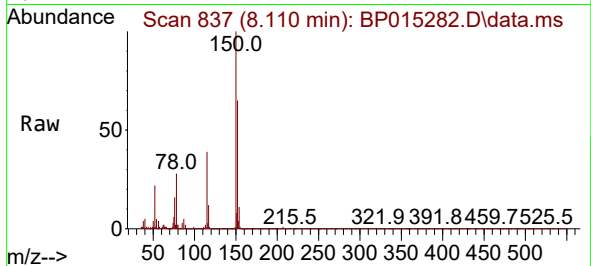




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP015282.D
Acq: 24 May 2023 21:09

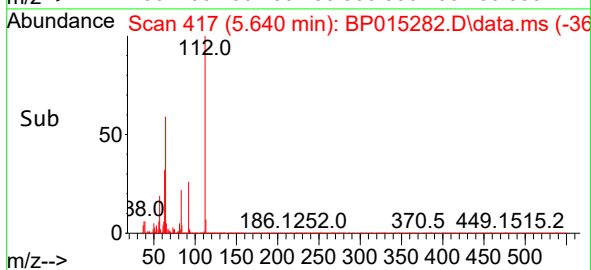
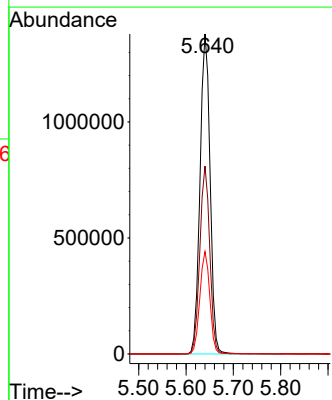
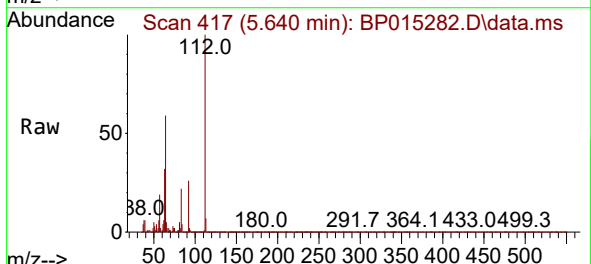
Instrument :
BNA_P
ClientSampleId :
PB152920BL

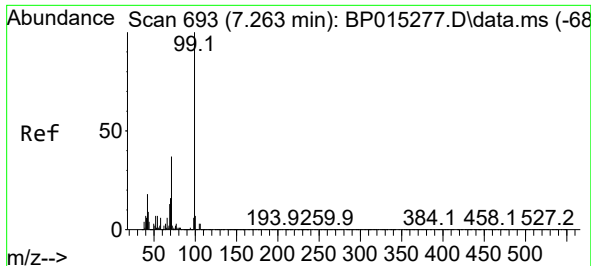
Tgt Ion:152 Resp: 246157
Ion Ratio Lower Upper
152 100
150 154.4 124.2 186.2
115 60.4 49.1 73.7



#5
2-Fluorophenol
Concen: 136.996 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015282.D
Acq: 24 May 2023 21:09

Tgt Ion:112 Resp: 2035087
Ion Ratio Lower Upper
112 100
64 58.7 47.2 70.8
63 32.0 24.6 37.0

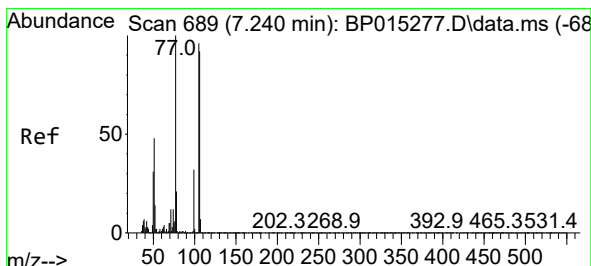
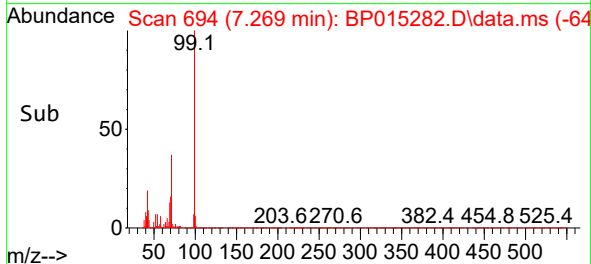
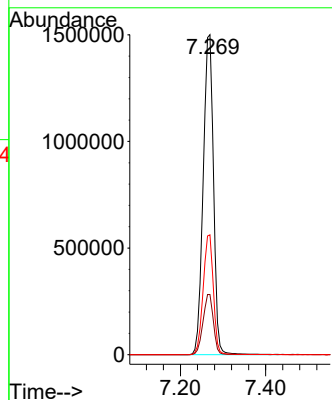
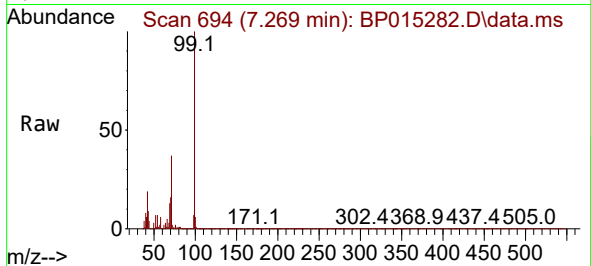




#7
Phenol-d6
Concen: 129.596 ng
RT: 7.269 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP015282.D
Acq: 24 May 2023 21:09

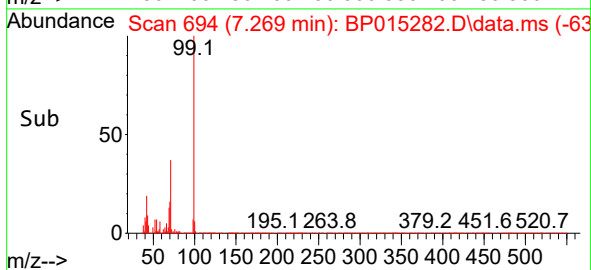
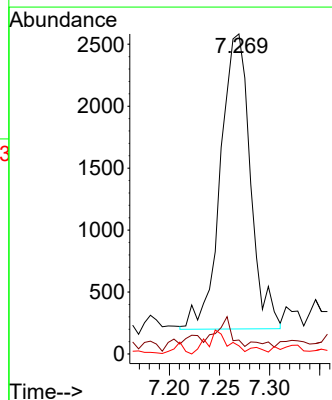
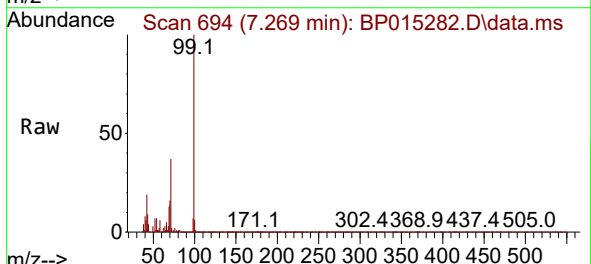
Instrument :
BNA_P
ClientSampleId :
PB152920BL

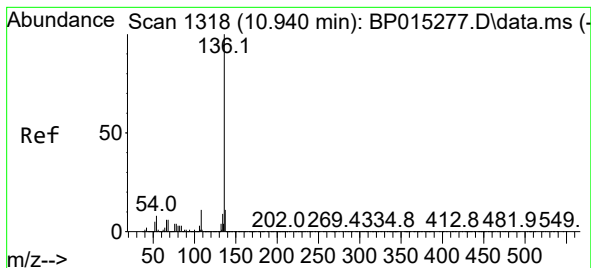
Tgt Ion: 99 Resp: 2522949
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 37.5 29.4 44.2



#9
Benzaldehyde
Concen: Below Cal
RT: 7.269 min Scan# 694
Delta R.T. 0.029 min
Lab File: BP015282.D
Acq: 24 May 2023 21:09

Tgt Ion: 77 Resp: 4934
Ion Ratio Lower Upper
77 100
105 4.4 75.9 115.9#
106 2.6 72.3 112.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.940 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP015282.D

Acq: 24 May 2023 21:09

Instrument :

BNA_P

ClientSampleId :

PB152920BL

Tgt Ion:136 Resp: 912100

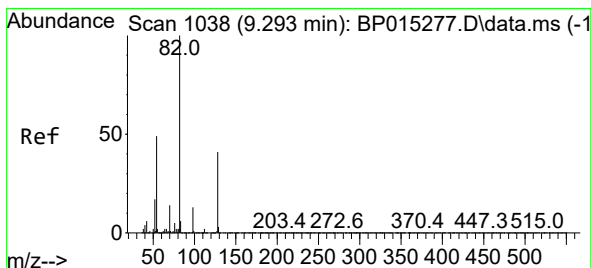
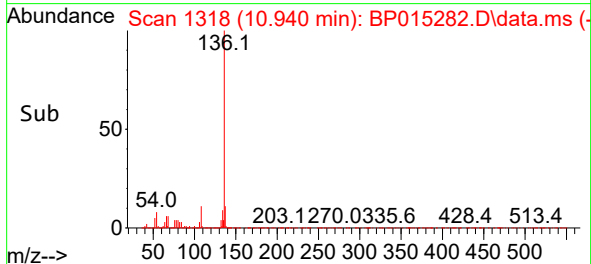
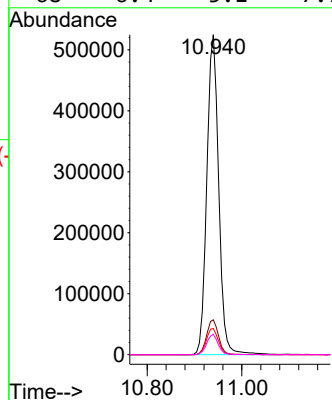
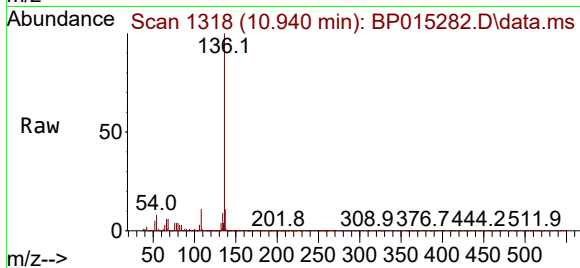
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.3 9.5

68 6.4 5.1 7.7



#23

Nitrobenzene-d5

Concen: 88.299 ng

RT: 9.287 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BP015282.D

Acq: 24 May 2023 21:09

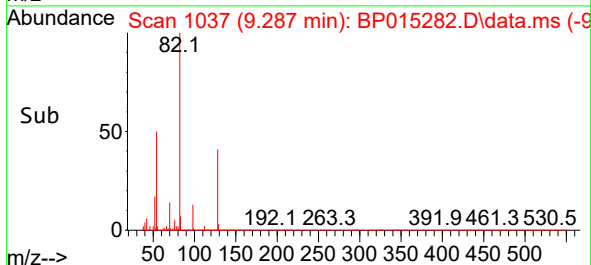
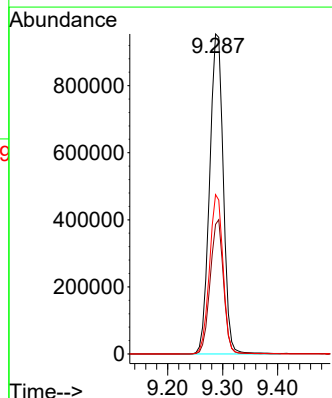
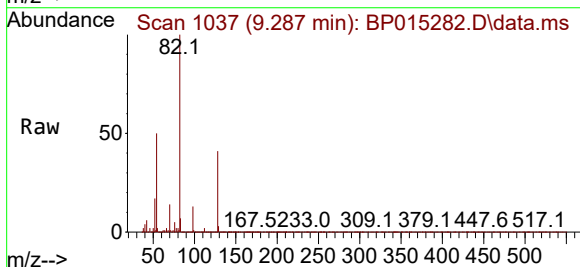
Tgt Ion: 82 Resp: 1649480

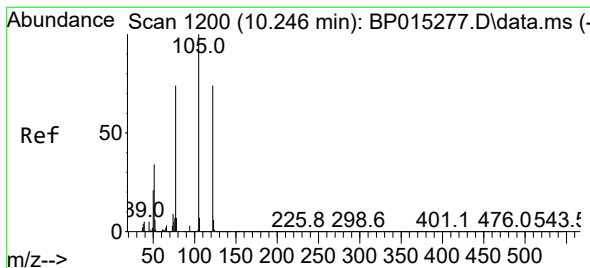
Ion Ratio Lower Upper

82 100

128 40.5 33.0 49.4

54 49.8 39.2 58.8





#32

Benzoic acid

Concen: 6.347 ng

RT: 10.257 min Scan# 1202

Delta R.T. 0.011 min

Lab File: BP015282.D

Acq: 24 May 2023 21:09

Instrument :

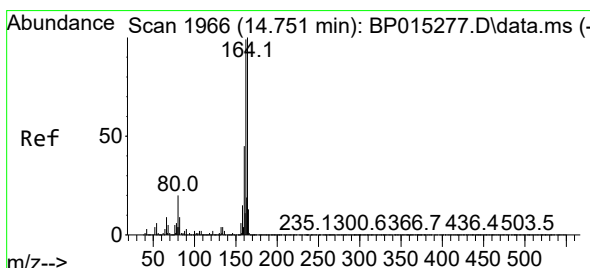
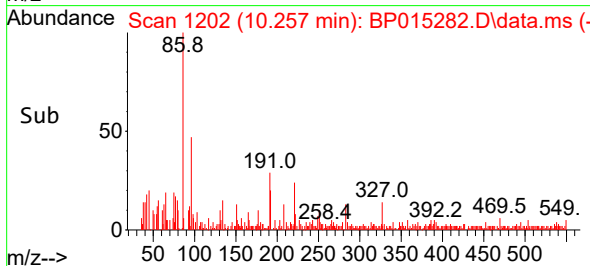
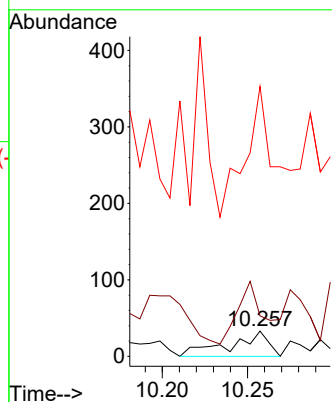
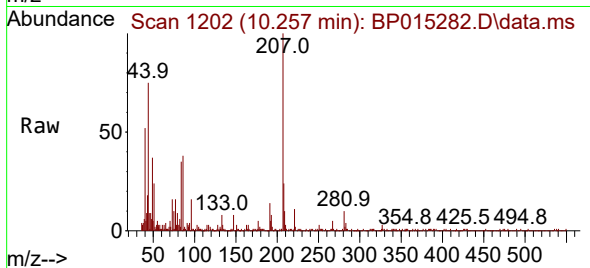
BNA_P

ClientSampleId :

PB152920BL

Tgt Ion:122 Resp: 52

Ion	Ratio	Lower	Upper
122	100		
105	160.6	109.5	149.5#
77	1069.7	78.2	118.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.751 min Scan# 1966

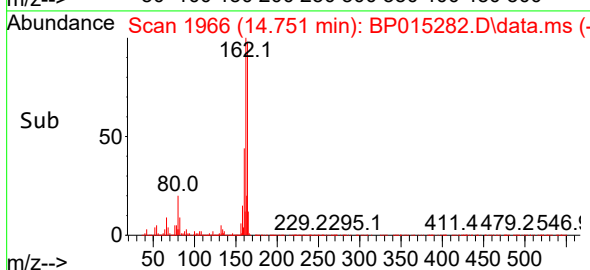
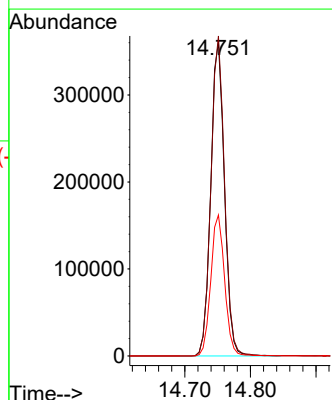
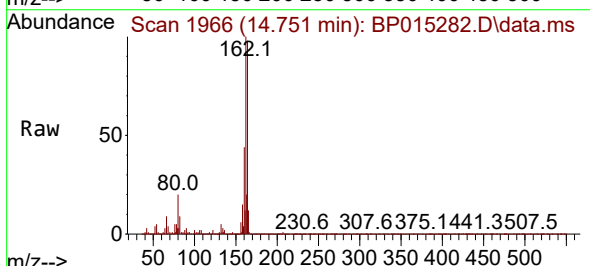
Delta R.T. 0.000 min

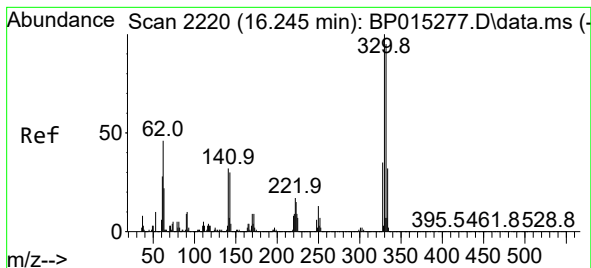
Lab File: BP015282.D

Acq: 24 May 2023 21:09

Tgt Ion:164 Resp: 524240

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.4	119.2
160	45.0	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 130.829 ng

RT: 16.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015282.D

Acq: 24 May 2023 21:09

Instrument :

BNA_P

ClientSampleId :

PB152920BL

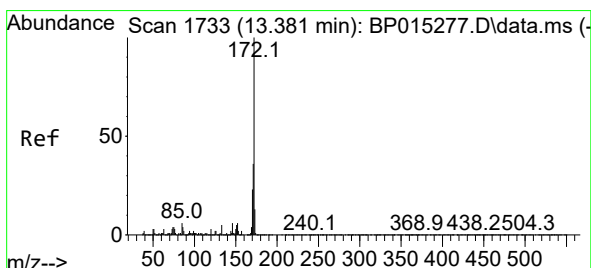
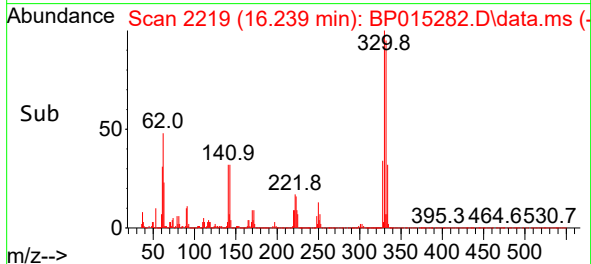
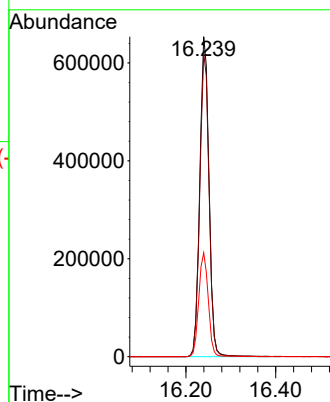
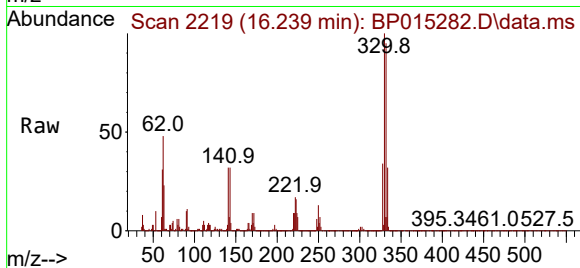
Tgt Ion:330 Resp: 932037

Ion Ratio Lower Upper

330 100

332 95.4 76.3 114.5

141 33.3 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 86.174 ng

RT: 13.381 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP015282.D

Acq: 24 May 2023 21:09

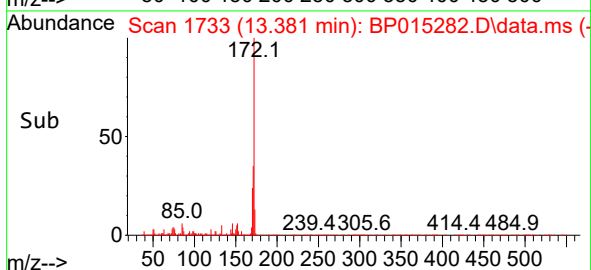
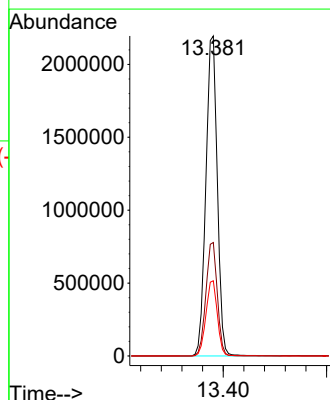
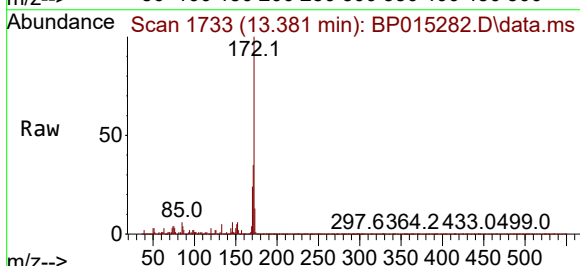
Tgt Ion:172 Resp: 3364907

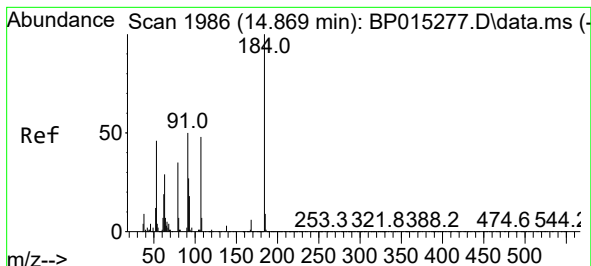
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 18.7 28.1

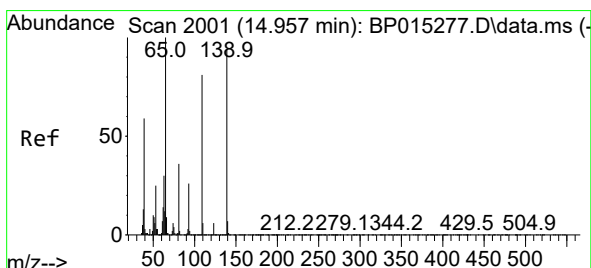
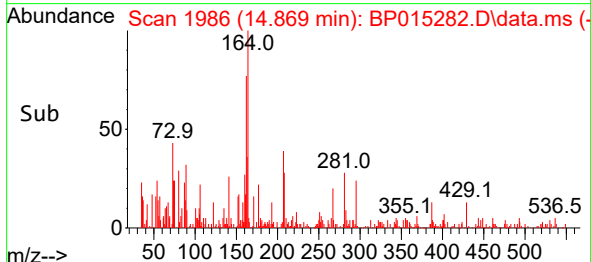
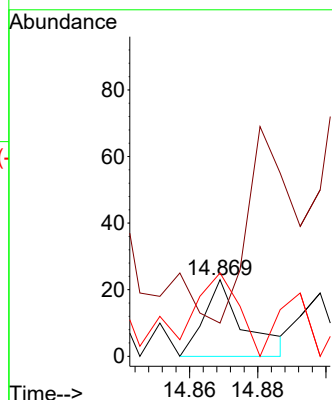
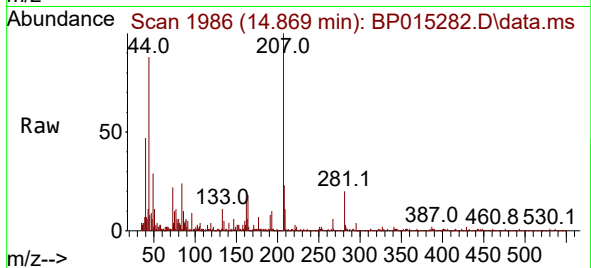




#54
2,4-Dinitrophenol
Concen: 5.190 ng
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP015282.D
Acq: 24 May 2023 21:09

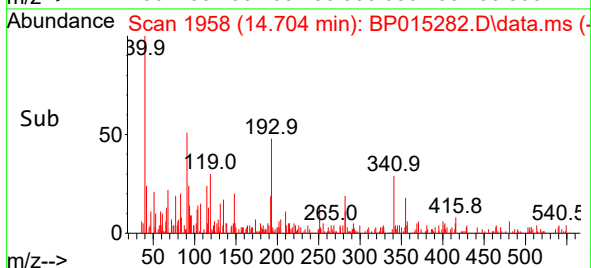
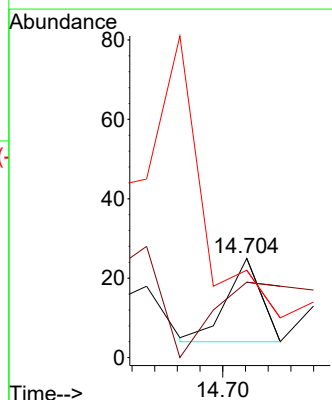
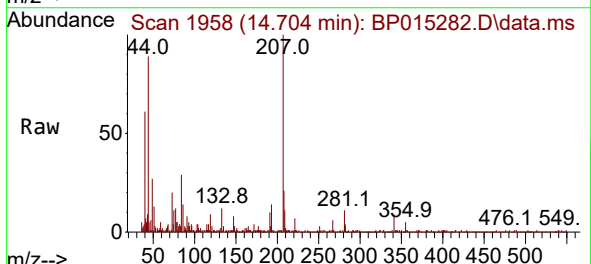
Instrument :
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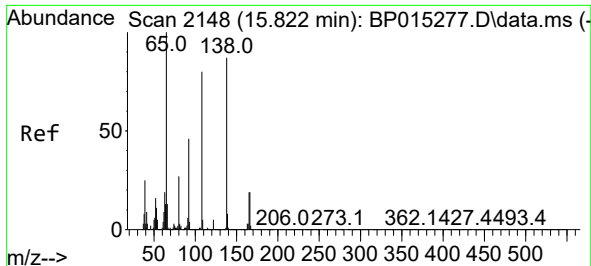
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 43.5 56.2 84.4#
154 108.7 53.2 79.8#



#56
4-Nitrophenol
Concen: 3.430 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.253 min
Lab File: BP015282.D
Acq: 24 May 2023 21:09

Tgt Ion:139 Resp: 9
Ion Ratio Lower Upper
139 100
109 76.0 66.5 106.5
65 88.0 86.6 126.6

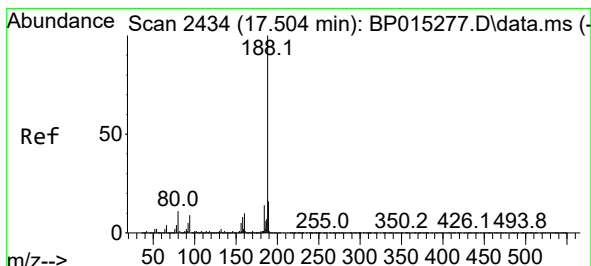
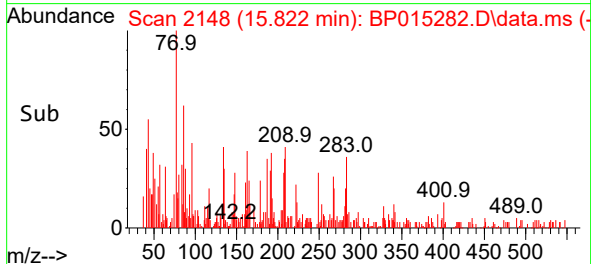
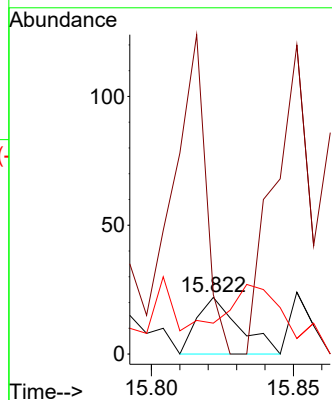
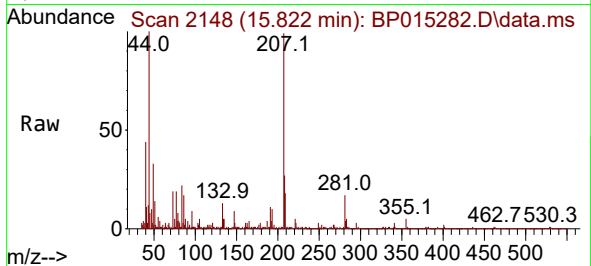




#62
4-Nitroaniline
Concen: 2.307 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP015282.D
Acq: 24 May 2023 21:09

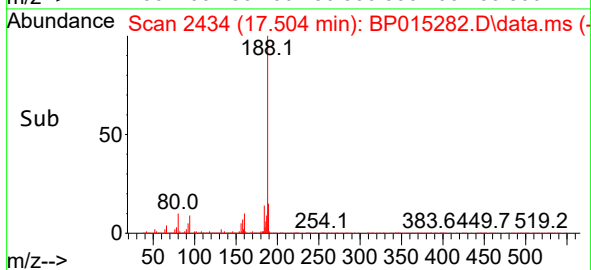
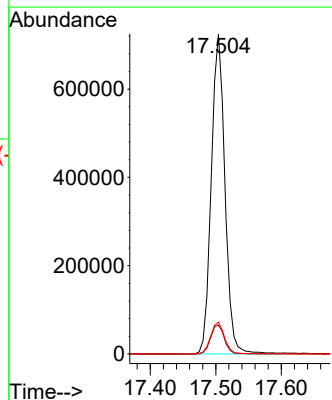
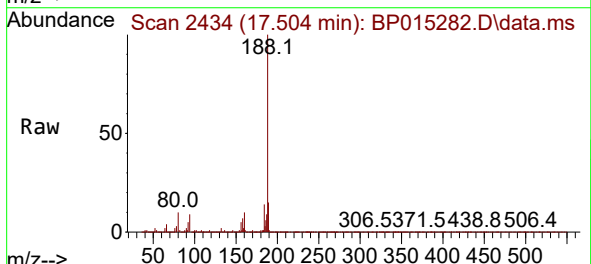
Instrument :
BNA_P
ClientSampleId :
PB152920BL

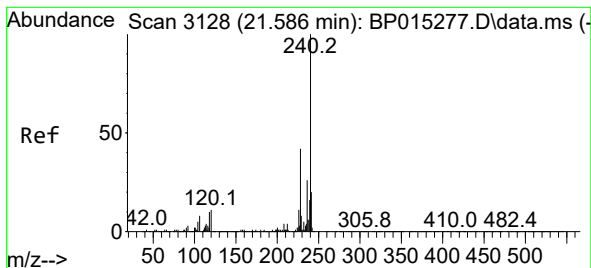
Tgt Ion:138 Resp: 23
Ion Ratio Lower Upper
138 100
92 104.5 33.1 73.1#
108 54.5 71.0 111.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015282.D
Acq: 24 May 2023 21:09

Tgt Ion:188 Resp: 1049123
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 10.0 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP015282.D

Acq: 24 May 2023 21:09

Instrument :

BNA_P

ClientSampleId :

PB152920BL

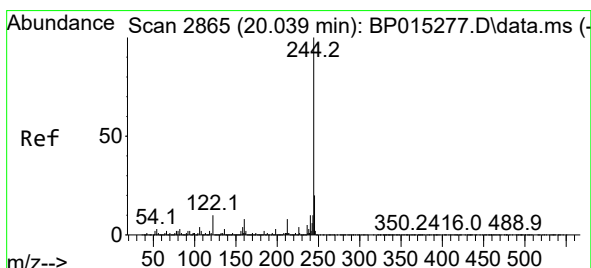
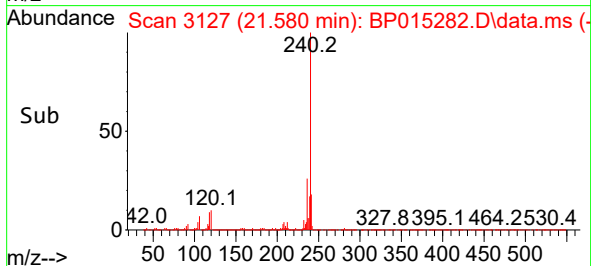
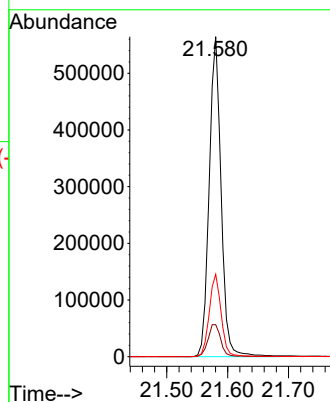
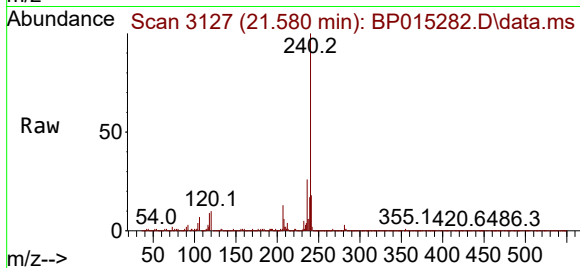
Tgt Ion:240 Resp: 766942

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 97.739 ng

RT: 20.039 min Scan# 2865

Delta R.T. 0.000 min

Lab File: BP015282.D

Acq: 24 May 2023 21:09

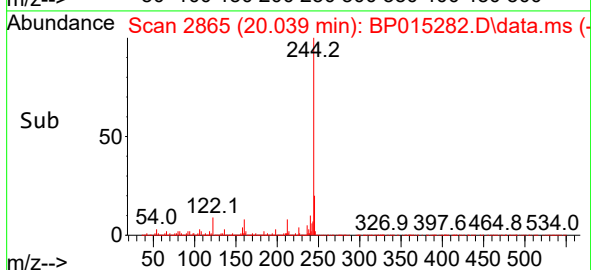
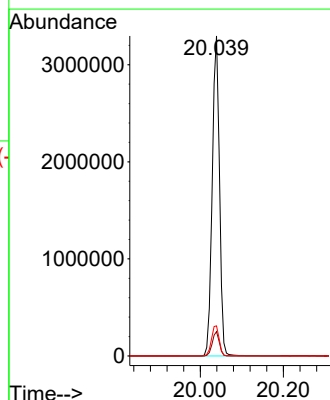
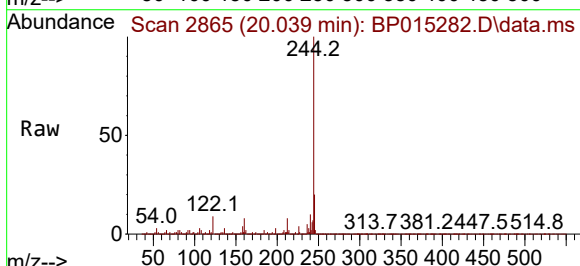
Tgt Ion:244 Resp: 3985194

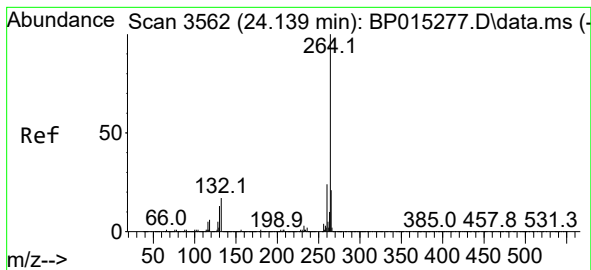
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 9.4 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.133 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP015282.D
 Acq: 24 May 2023 21:09

Instrument :
 BNA_P
 ClientSampleId :
 PB152920BL

Tgt Ion:264 Resp: 801889
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.4 17.5 26.3

