

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015310.D
 Acq On : 26 May 2023 15:40
 Operator : CG/JU
 Sample : PB153078BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB153078BL

Quant Time: May 26 16:29:55 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)

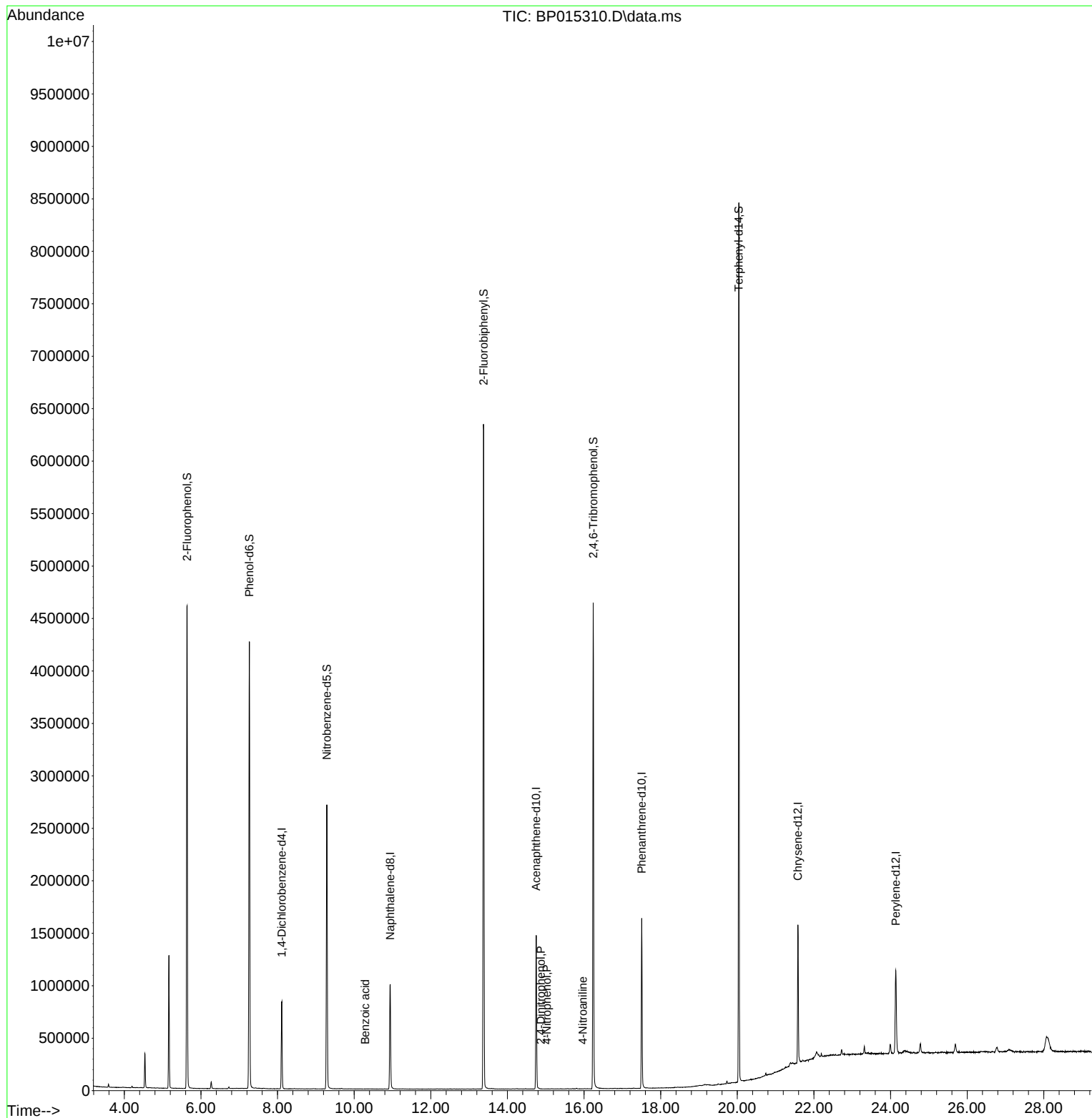
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	224285	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	849982	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	484806	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	949738	20.000	ng	0.00
76) Chrysene-d12	21.580	240	667738	20.000	ng	0.00
86) Perylene-d12	24.133	264	678163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1950194	144.083	ng	0.00
7) Phenol-d6	7.264	99	2416932	136.257	ng	0.00
23) Nitrobenzene-d5	9.287	82	1569946	90.184	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	844509	128.185	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	3244924	89.860	ng	0.00
79) Terphenyl-d14	20.039	244	3796721	106.950	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.264	77	5394	Below Cal	#	11
32) Benzoic acid	10.287	122	151	6.356 ng	#	22
54) 2,4-Dinitrophenol	14.875	184	13	5.190 ng	#	1
56) 4-Nitrophenol	15.028	139	26	3.432 ng		93
62) 4-Nitroaniline	15.969	138	35	2.309 ng		94

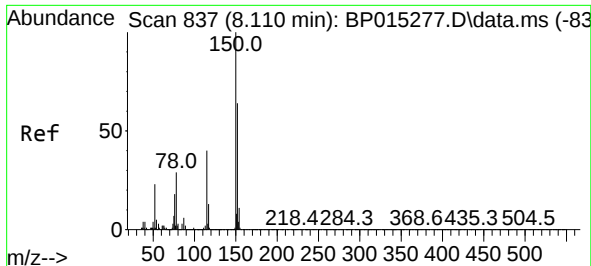
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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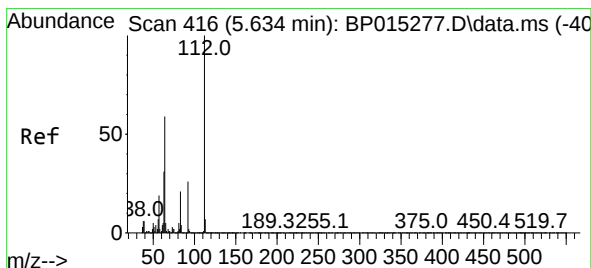
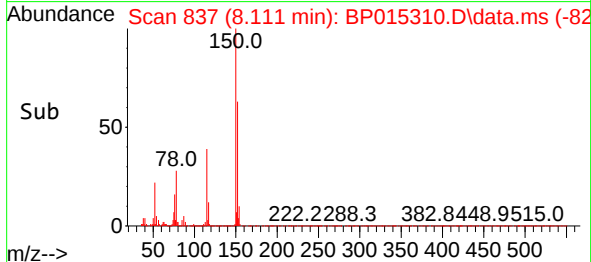
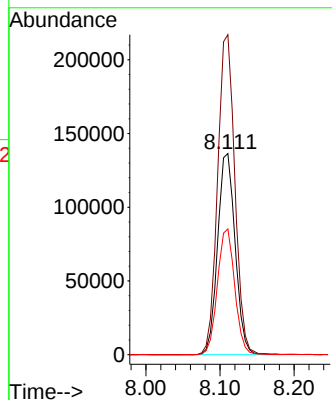
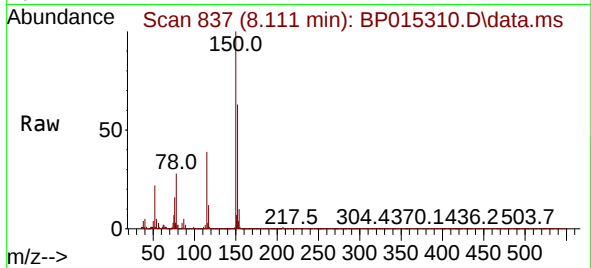




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

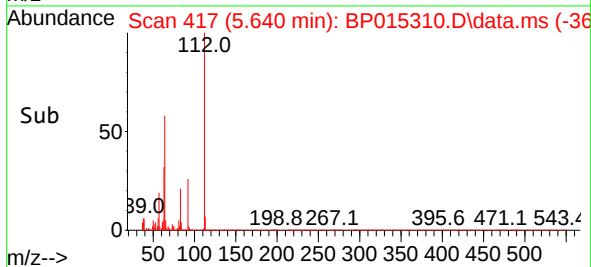
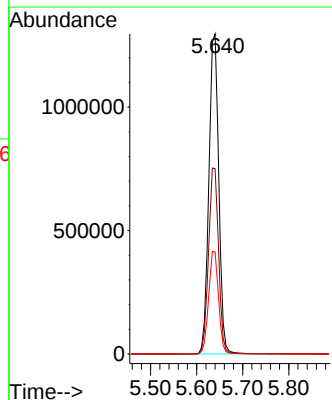
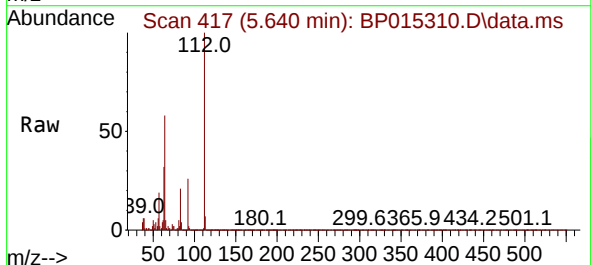
Instrument :
BNA_P
ClientSampleId :
PB153078BL

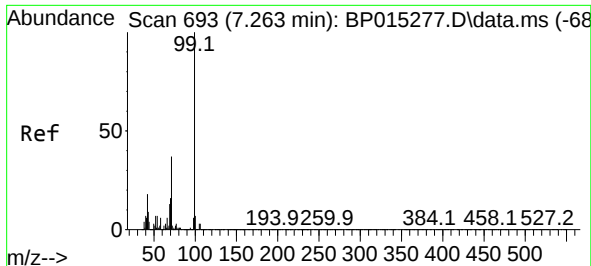
Tgt Ion:152 Resp: 224285
Ion Ratio Lower Upper
152 100
150 159.1 124.2 186.2
115 62.5 49.1 73.7



#5
2-Fluorophenol
Concen: 144.083 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

Tgt Ion:112 Resp: 1950194
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 31.9 24.6 37.0



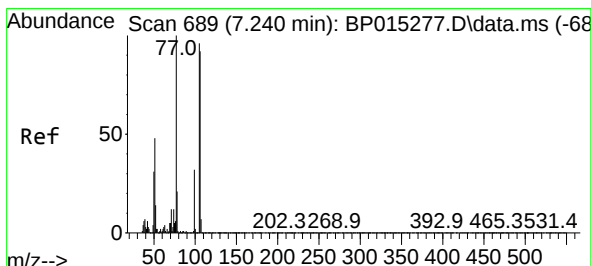
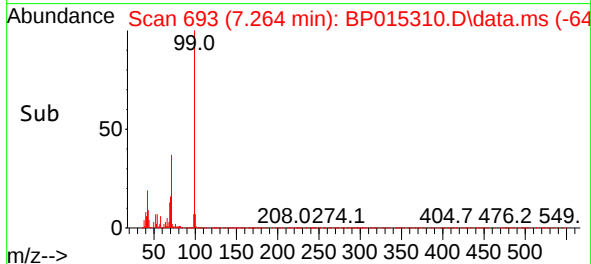
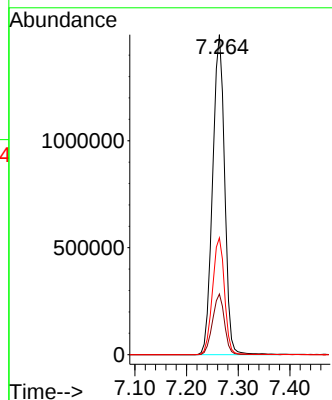
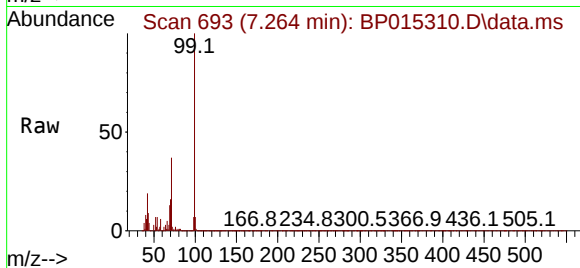


#7
Phenol-d6
Concen: 136.257 ng
RT: 7.264 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

Instrument :
BNA_P
ClientSampleId :
PB153078BL

Tgt Ion: 99 Resp: 2416932

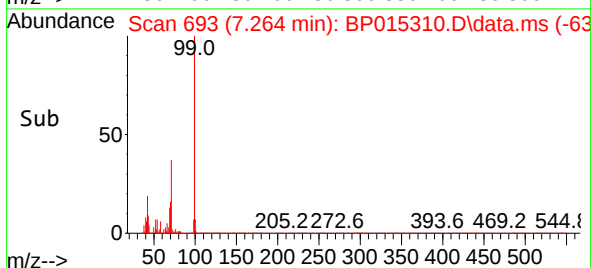
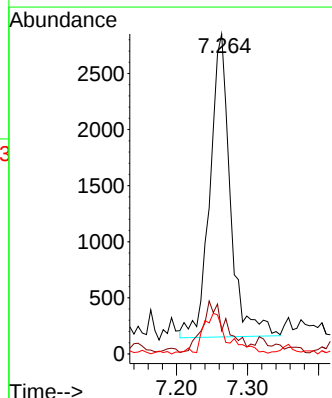
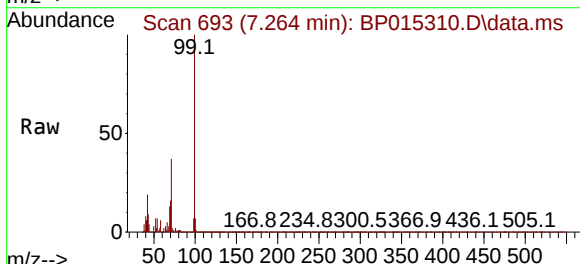
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.6	22.0
71	36.5	29.4	44.2

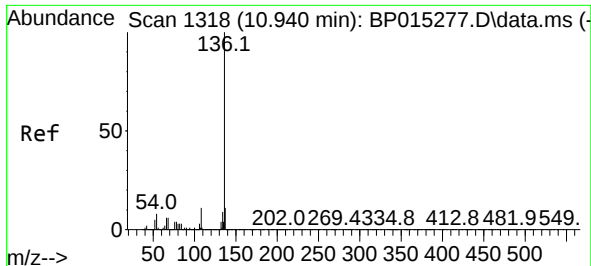


#9
Benzaldehyde
Concen: Below Cal
RT: 7.264 min Scan# 693
Delta R.T. 0.024 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

Tgt Ion: 77 Resp: 5394

Ion	Ratio	Lower	Upper
77	100		
105	7.3	75.9	115.9#
106	8.3	72.3	112.3#

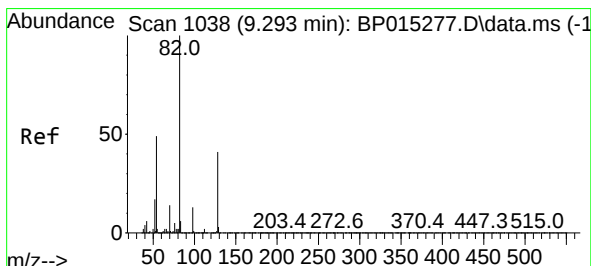
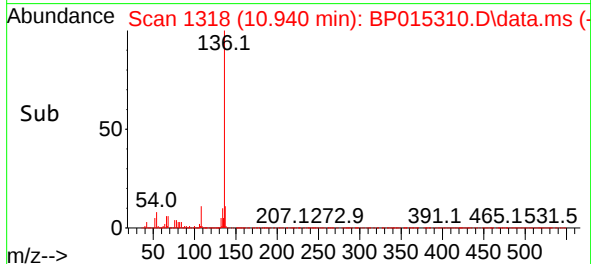
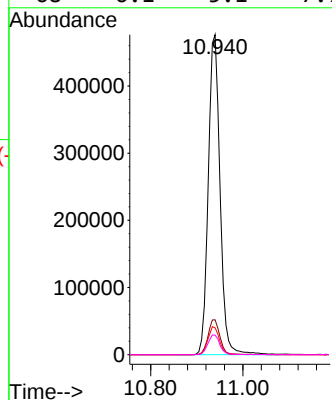
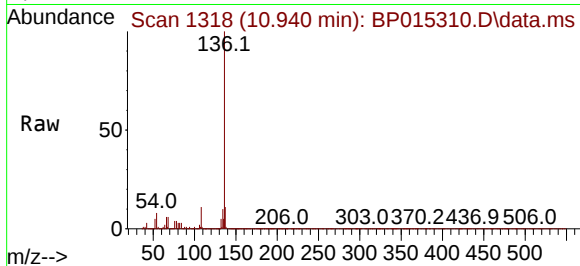




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

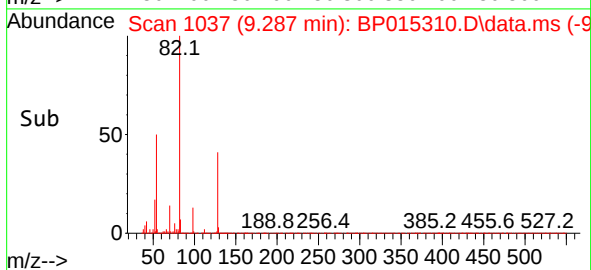
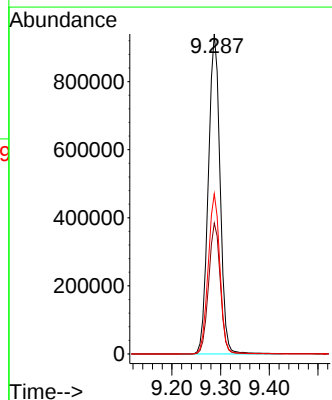
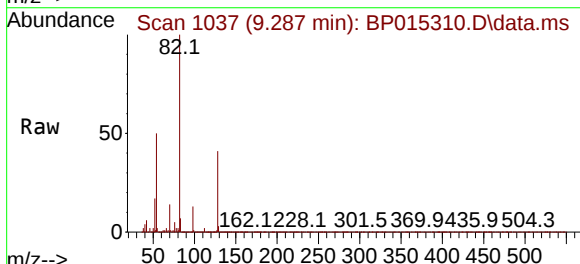
Instrument :
BNA_P
ClientSampleId :
PB153078BL

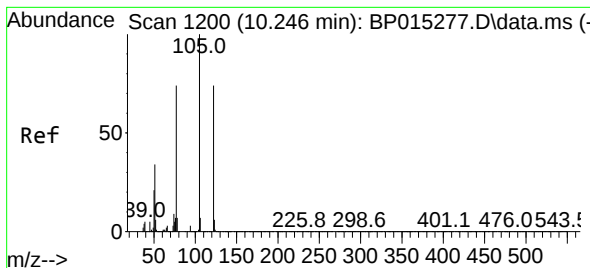
Tgt Ion:	136	Resp:	849982
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	6.3	9.5
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 90.184 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

Tgt Ion:	82	Resp:	1569946
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	50.1	39.2	58.8





#32

Benzoic acid

Concen: 6.356 ng

RT: 10.287 min Scan# 1207

Delta R.T. 0.041 min

Lab File: BP015310.D

Acq: 26 May 2023 15:40

Instrument :

BNA_P

ClientSampleId :

PB153078BL

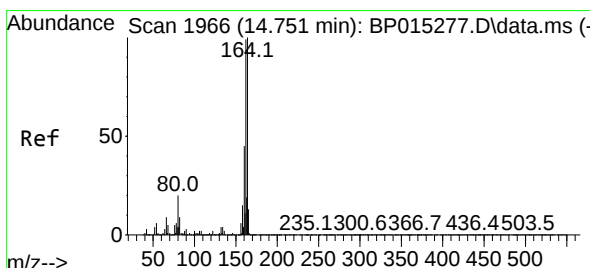
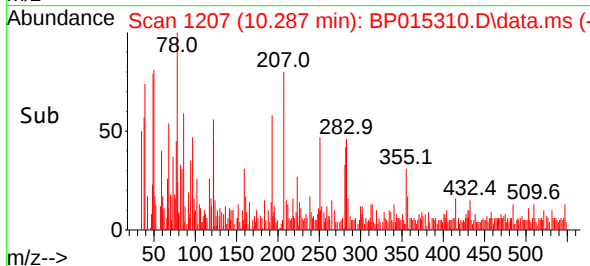
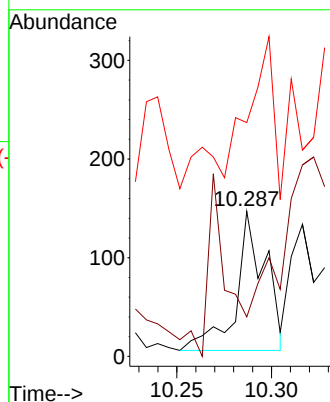
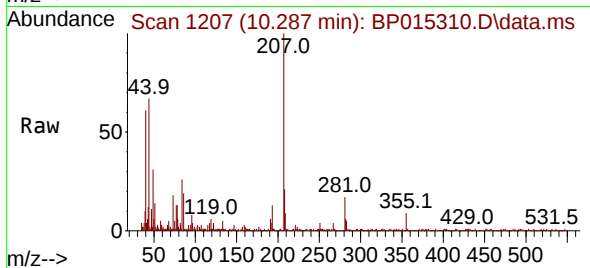
Tgt Ion:122 Resp: 151

Ion Ratio Lower Upper

122 100

105 27.2 109.5 149.5#

77 161.2 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: BP015310.D

Acq: 26 May 2023 15:40

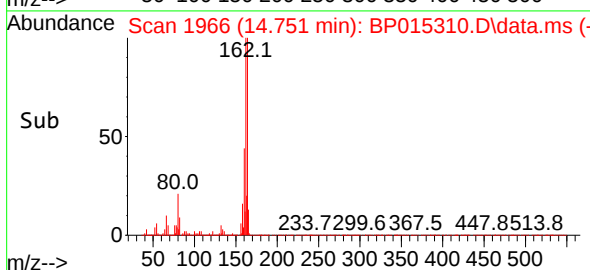
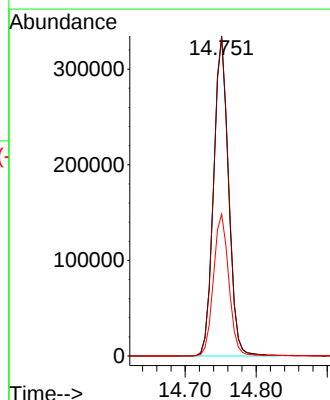
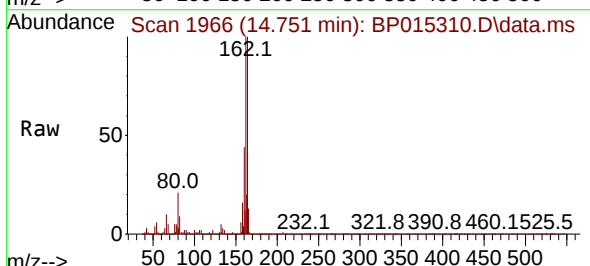
Tgt Ion:164 Resp: 484806

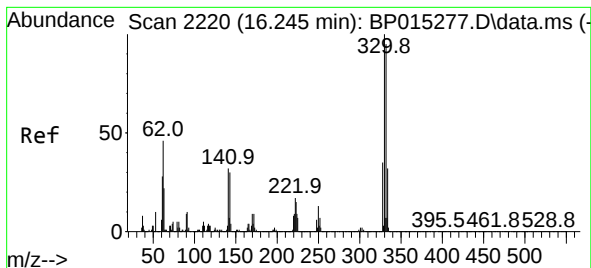
Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.2

160 44.5 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 128.185 ng

RT: 16.240 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015310.D

Acq: 26 May 2023 15:40

Instrument :

BNA_P

ClientSampleId :

PB153078BL

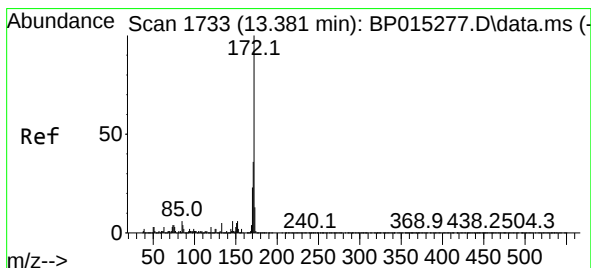
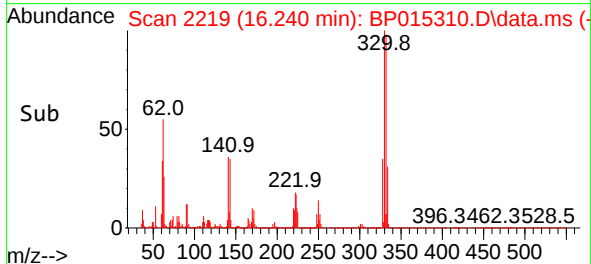
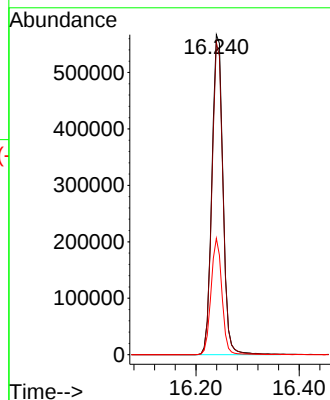
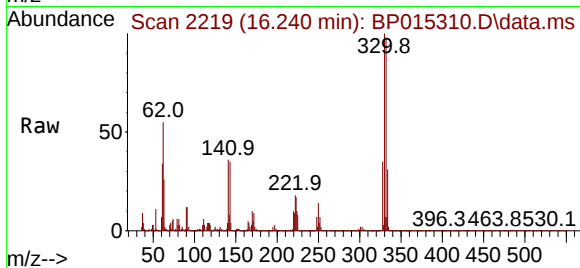
Tgt Ion:330 Resp: 844509

Ion Ratio Lower Upper

330 100

332 96.9 76.3 114.5

141 35.7 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 89.860 ng

RT: 13.381 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP015310.D

Acq: 26 May 2023 15:40

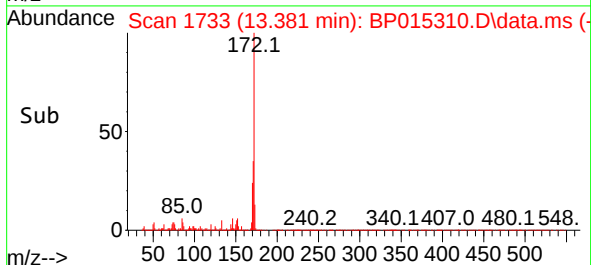
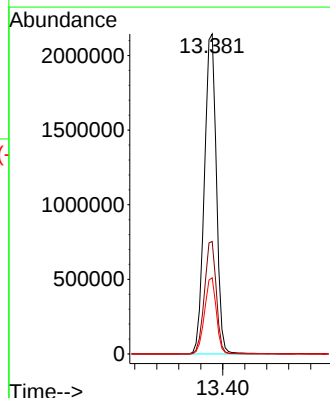
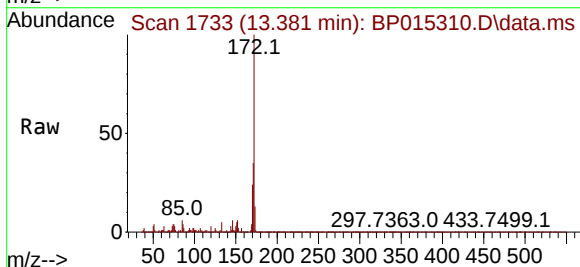
Tgt Ion:172 Resp: 3244924

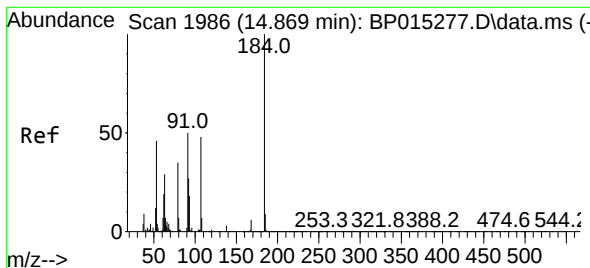
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.8 18.7 28.1

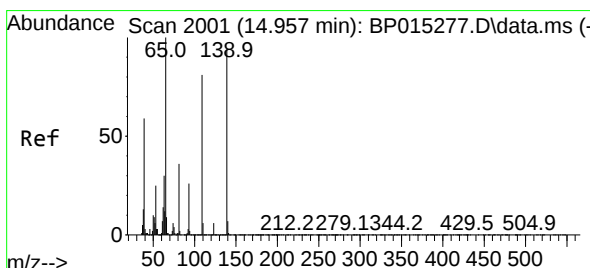
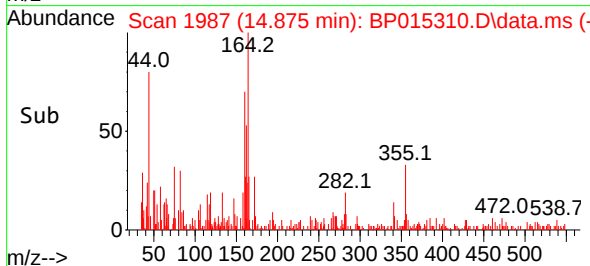
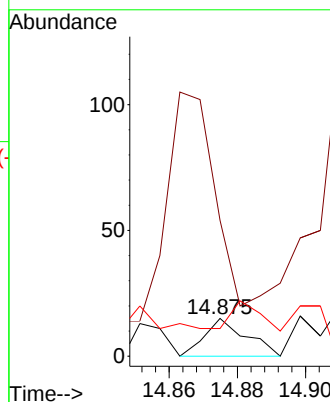
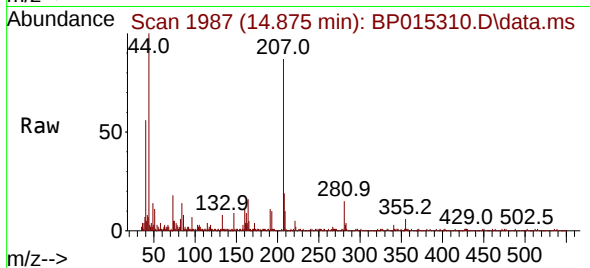




#54
2,4-Dinitrophenol
Concen: 5.190 ng
RT: 14.875 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

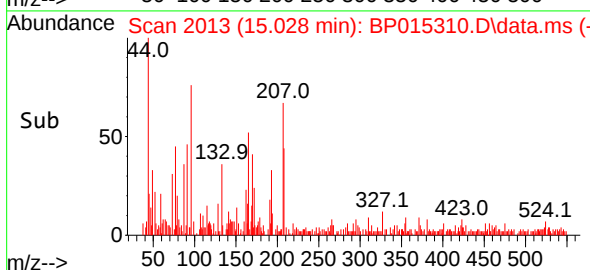
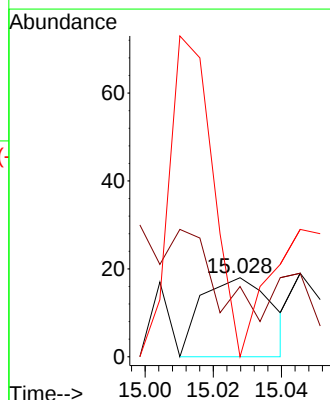
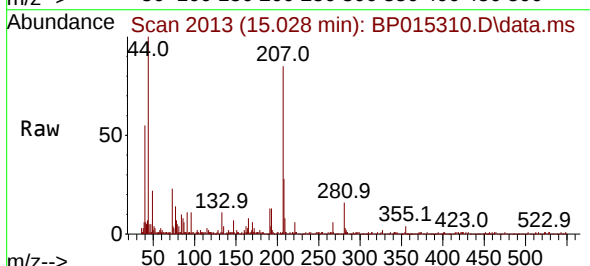
Instrument :
BNA_P
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PB153078BL

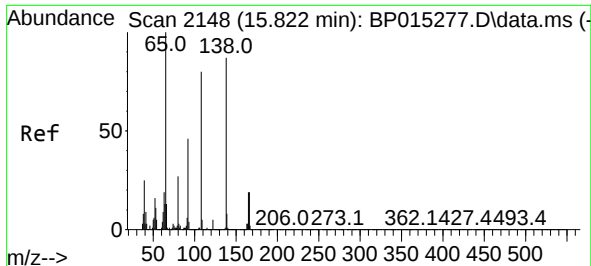
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 533.3 56.2 84.4#
154 73.3 53.2 79.8



#56
4-Nitrophenol
Concen: 3.432 ng
RT: 15.028 min Scan# 2013
Delta R.T. 0.071 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

Tgt Ion:139 Resp: 26
Ion Ratio Lower Upper
139 100
109 88.9 66.5 106.5
65 116.7 86.6 126.6

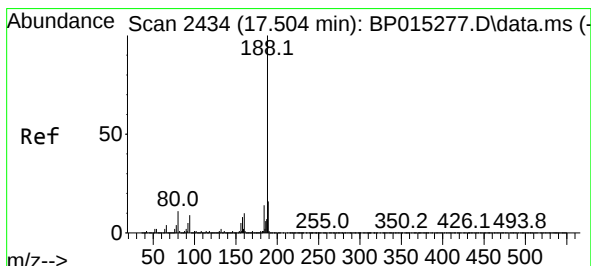
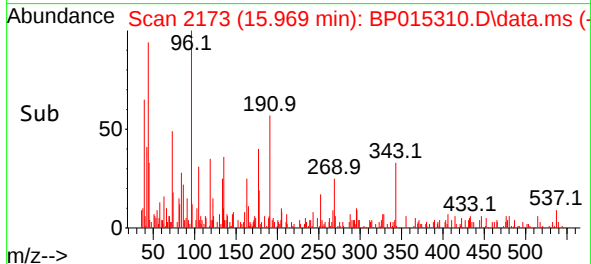
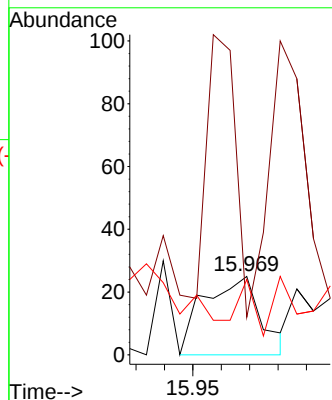
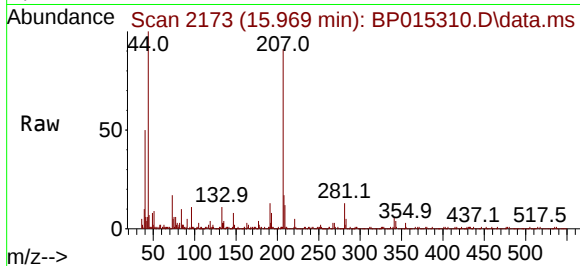




#62
4-Nitroaniline
Concen: 2.309 ng
RT: 15.969 min Scan# 2148
Delta R.T. 0.147 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

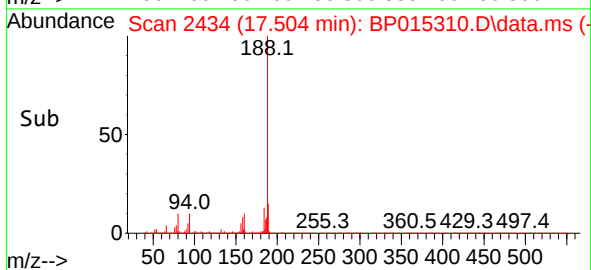
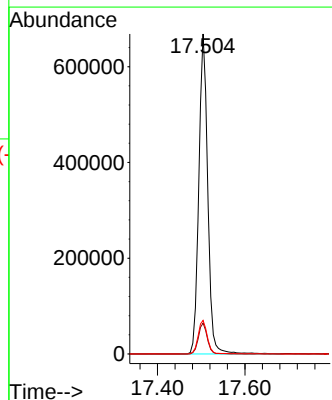
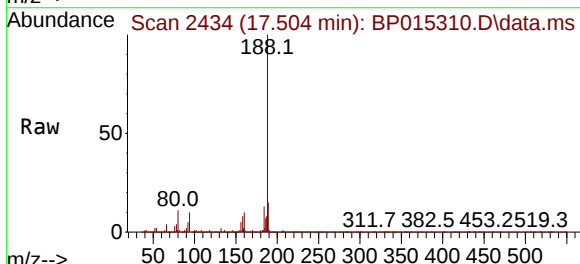
Instrument :
BNA_P
ClientSampleId :
PB153078BL

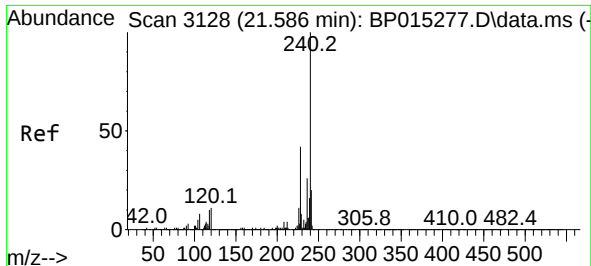
Tgt Ion:138 Resp: 35
Ion Ratio Lower Upper
138 100
92 48.0 33.1 73.1
108 96.0 71.0 111.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

Tgt Ion:188 Resp: 949738
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.5 8.6 13.0

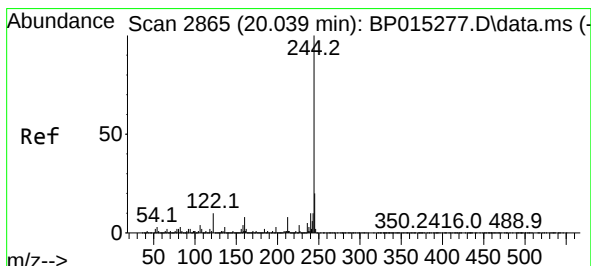
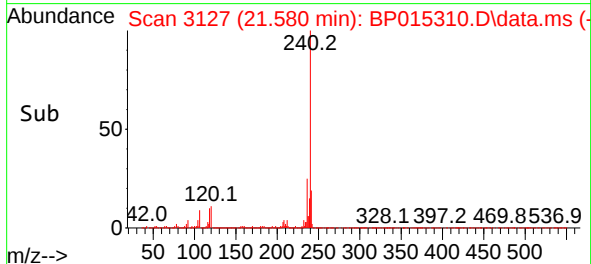
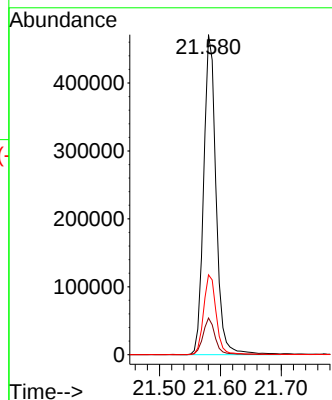
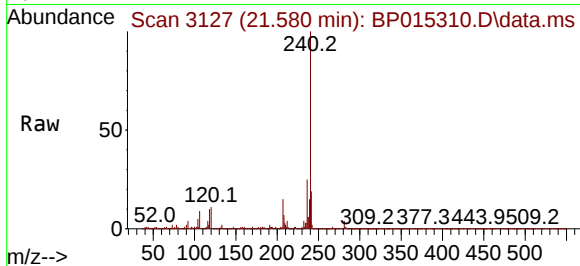




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

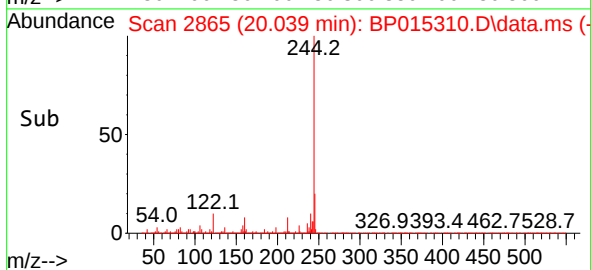
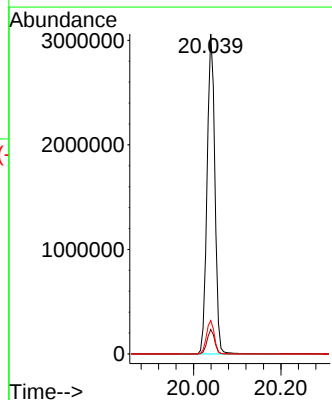
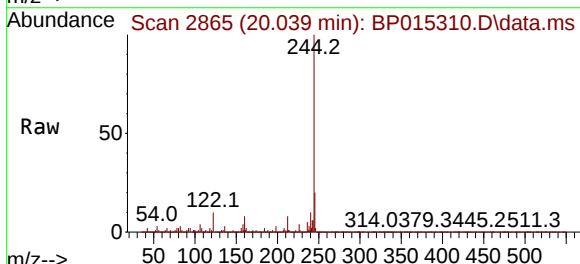
Instrument :
BNA_P
ClientSampleId :
PB153078BL

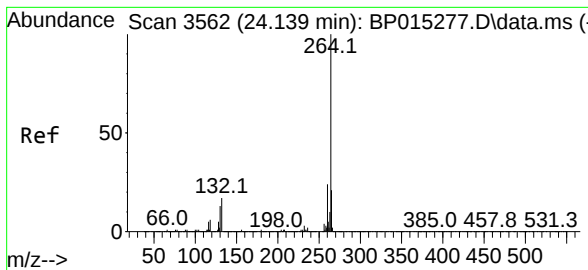
Tgt Ion:240 Resp: 667738
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 106.950 ng
RT: 20.039 min Scan# 2865
Delta R.T. 0.000 min
Lab File: BP015310.D
Acq: 26 May 2023 15:40

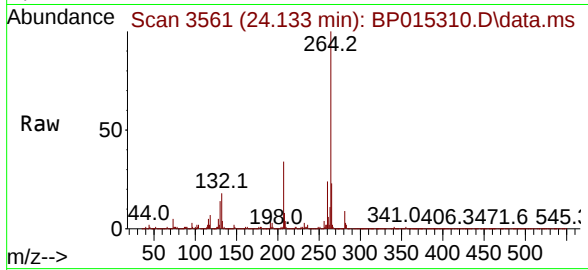
Tgt Ion:244 Resp: 3796721
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.4 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.133 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP015310.D
 Acq: 26 May 2023 15:40

Instrument :
 BNA_P
 ClientSampleId :
 PB153078BL



Tgt Ion: 264 Resp: 678163

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	22.5	17.5	26.3

