

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052423\
 Data File : BP015283.D
 Acq On : 24 May 2023 21:42
 Operator : CG/JU
 Sample : PB152844BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB152844BL

Quant Time: May 25 02:01:13 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)

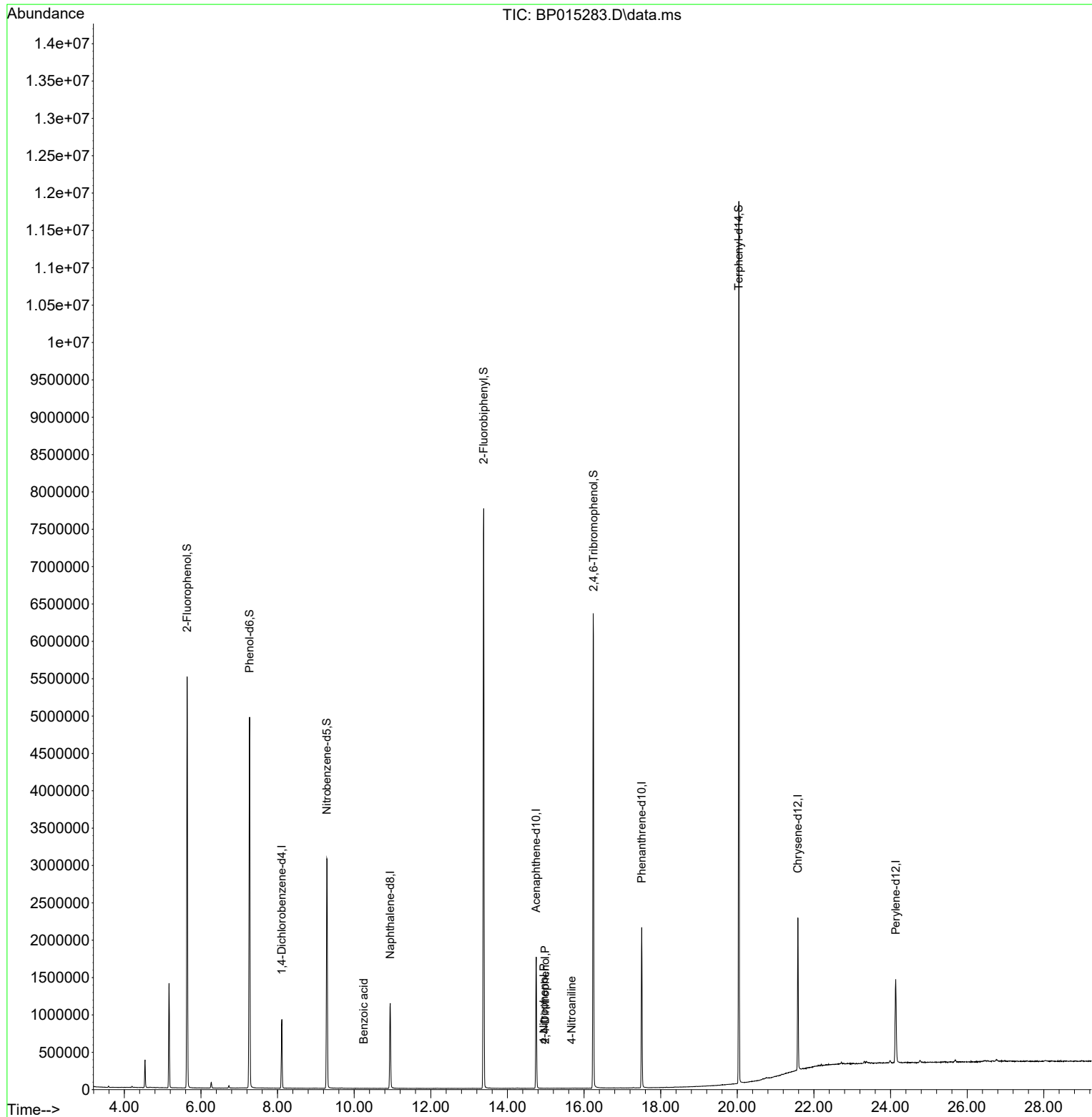
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	238992	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	945573	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	591473	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	1278180	20.000	ng	0.00
76) Chrysene-d12	21.580	240	987141	20.000	ng	0.00
86) Perylene-d12	24.133	264	936297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	2267286	157.202	ng	0.00
7) Phenol-d6	7.269	99	2870157	151.851	ng	0.00
23) Nitrobenzene-d5	9.287	82	1856599	95.868	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	1214146	151.056	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	3948144	89.617	ng	0.00
79) Terphenyl-d14	20.039	244	5608172	106.862	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.269	77	5749	Below Cal	#	7
32) Benzoic acid	10.246	122	21	6.345 ng	#	1
54) 2,4-Dinitrophenol	14.986	184	8	5.189 ng		84
56) 4-Nitrophenol	14.951	139	11	3.430 ng	#	1
62) 4-Nitroaniline	15.675	138	25	2.307 ng		90

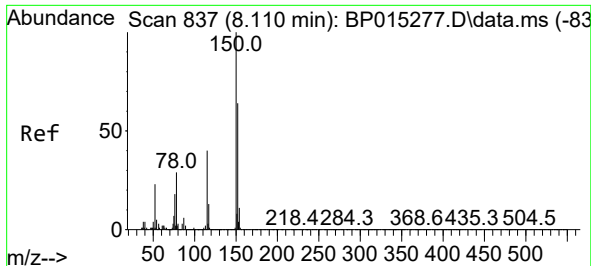
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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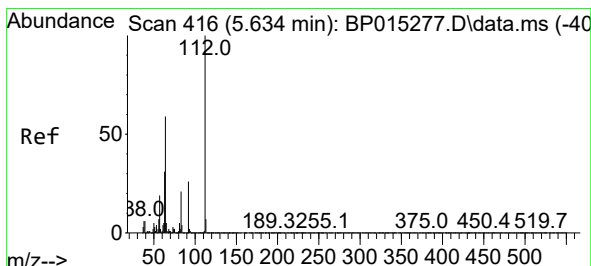
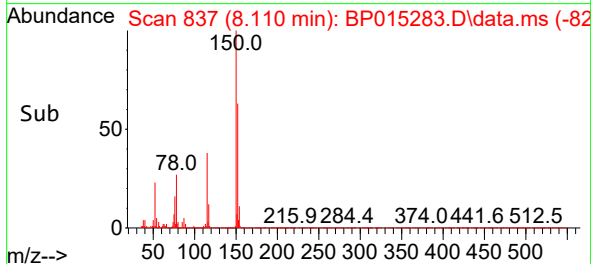
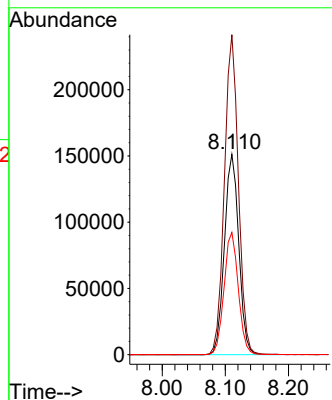
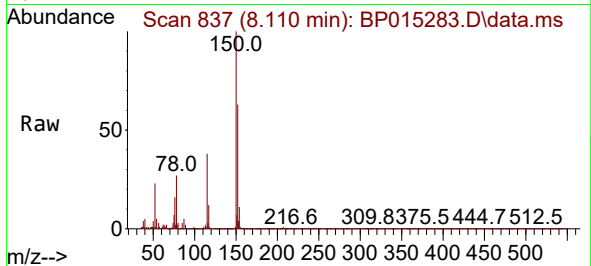




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

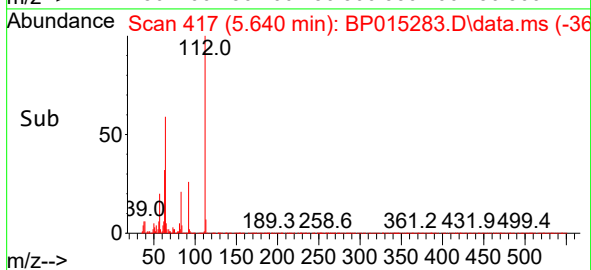
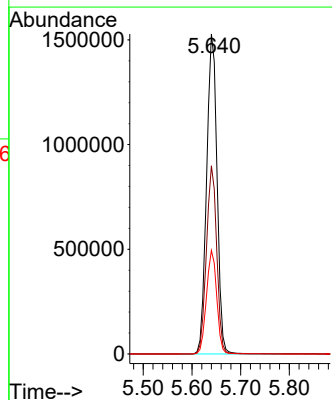
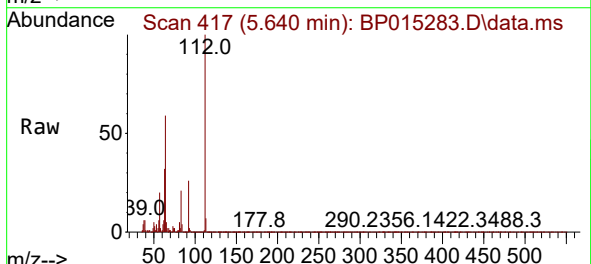
Instrument :
BNA_P
ClientSampleId :
PB152844BL

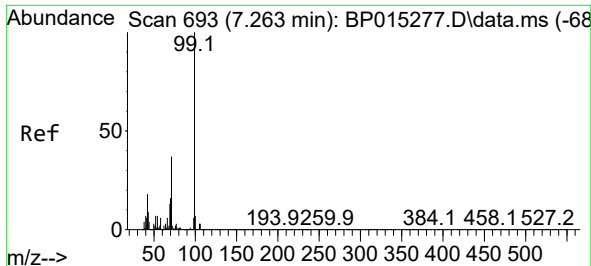
Tgt Ion:152 Resp: 238992
Ion Ratio Lower Upper
152 100
150 159.7 124.2 186.2
115 61.0 49.1 73.7



#5
2-Fluorophenol
Concen: 157.202 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

Tgt Ion:112 Resp: 2267286
Ion Ratio Lower Upper
112 100
64 58.8 47.2 70.8
63 32.3 24.6 37.0



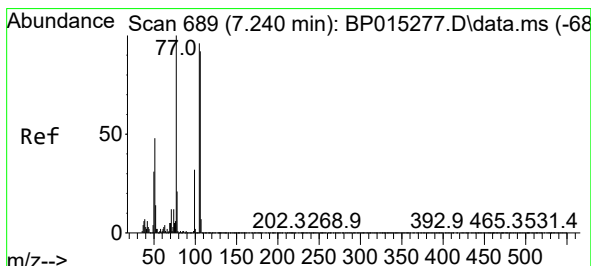
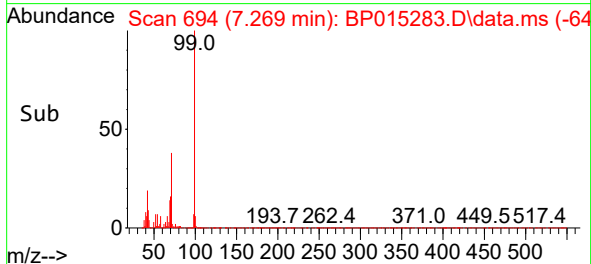
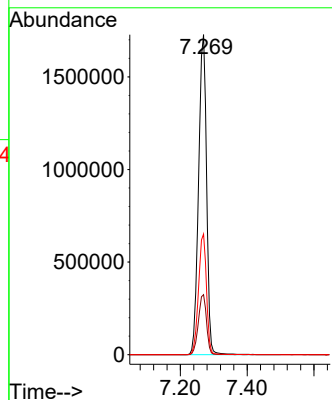
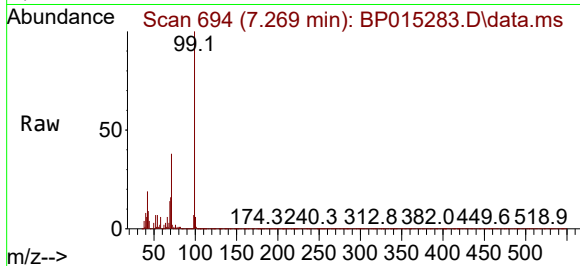


#7
Phenol-d6
Concen: 151.851 ng
RT: 7.269 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

Instrument :
BNA_P
ClientSampleId :
PB152844BL

Tgt Ion: 99 Resp: 2870157

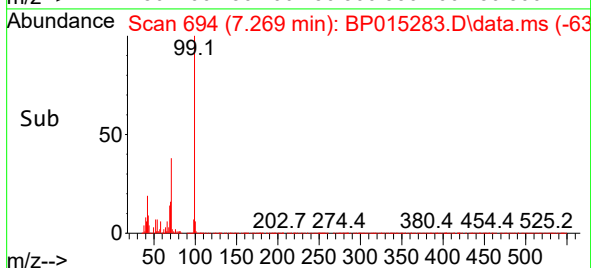
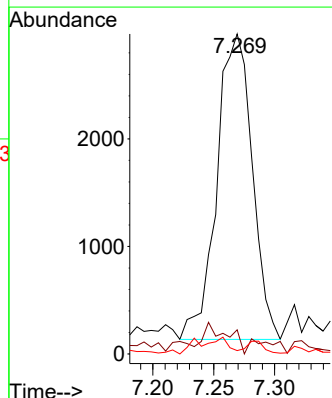
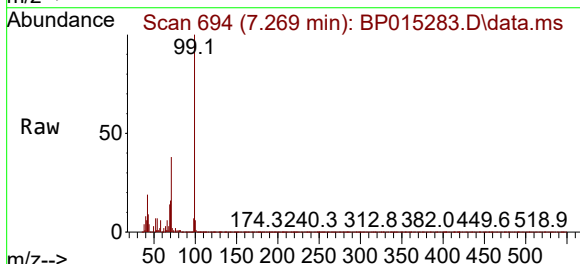
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	22.0
71	37.7	29.4	44.2

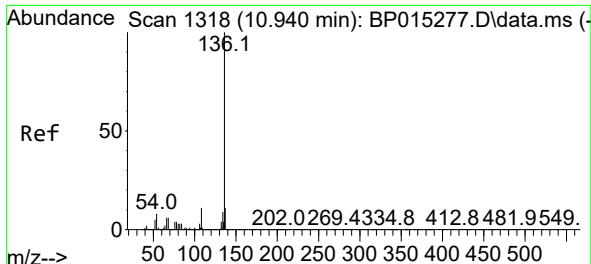


#9
Benzaldehyde
Concen: Below Cal
RT: 7.269 min Scan# 694
Delta R.T. 0.029 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

Tgt Ion: 77 Resp: 5749

Ion	Ratio	Lower	Upper
77	100		
105	7.6	75.9	115.9#
106	1.1	72.3	112.3#

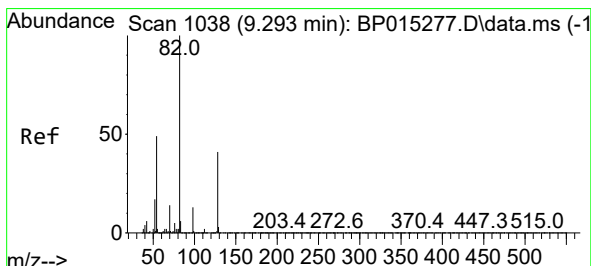
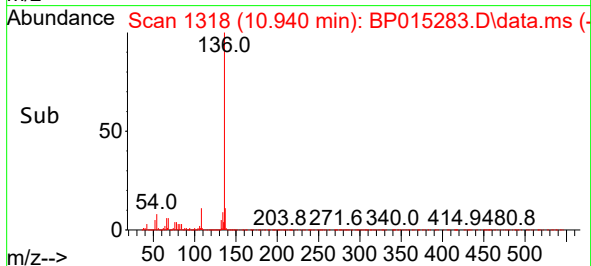
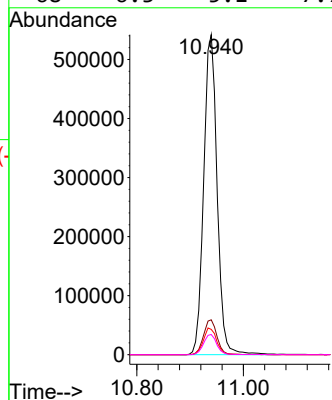
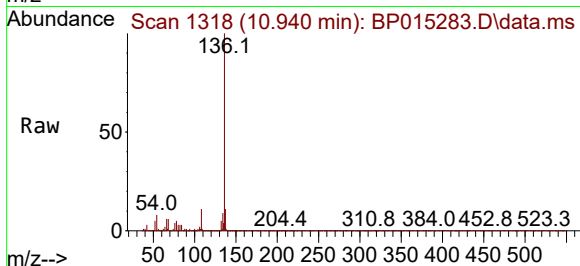




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

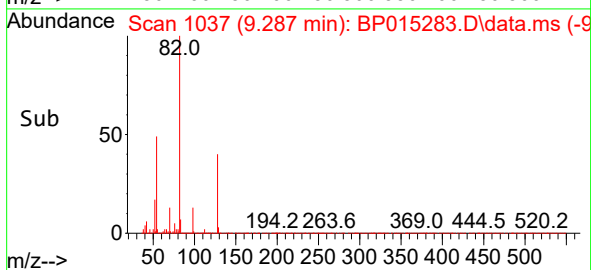
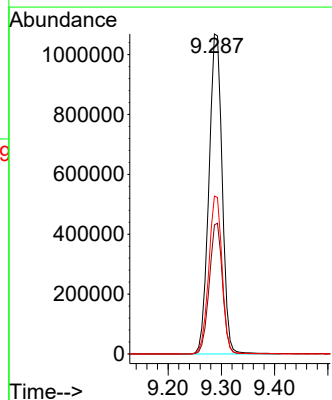
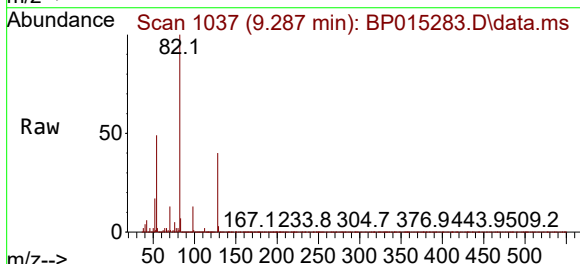
Instrument :
BNA_P
ClientSampleId :
PB152844BL

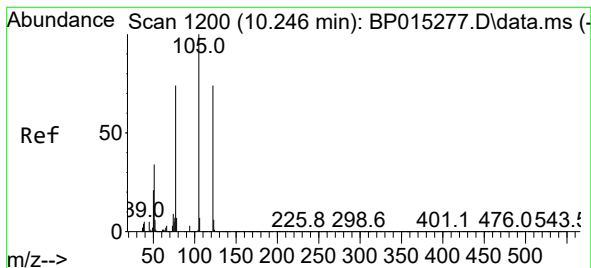
Tgt Ion:	136	Resp:	945573
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.3	9.5
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 95.868 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

Tgt Ion:	82	Resp:	1856599
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.0	49.4
54	49.3	39.2	58.8





#32

Benzoic acid

Concen: 6.345 ng

RT: 10.246 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP015283.D

Acq: 24 May 2023 21:42

Instrument :

BNA_P

ClientSampleId :

PB152844BL

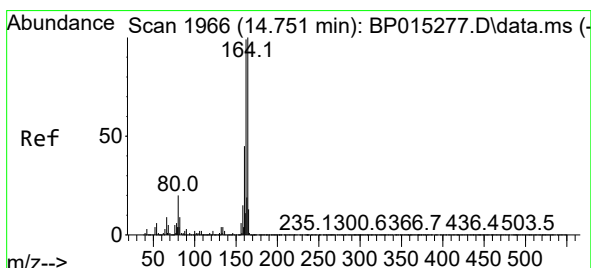
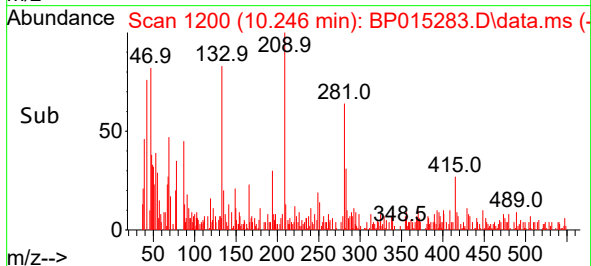
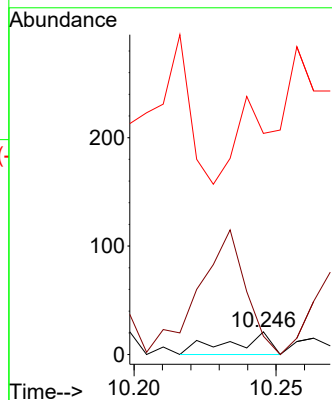
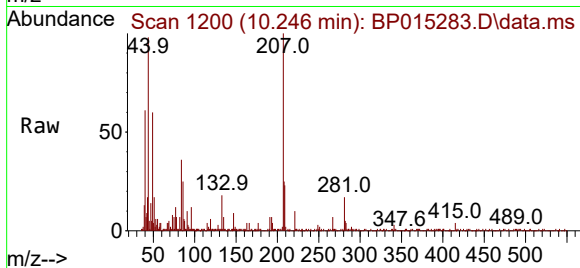
Tgt Ion:122 Resp: 21

Ion Ratio Lower Upper

122 100

105 81.0 109.5 149.5#

77 971.4 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: BP015283.D

Acq: 24 May 2023 21:42

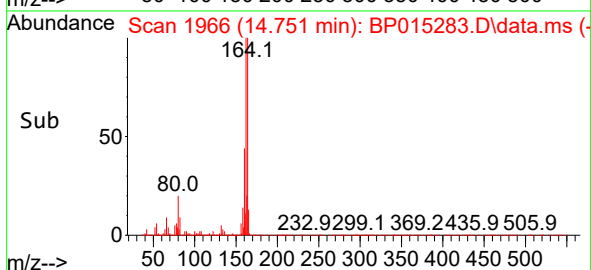
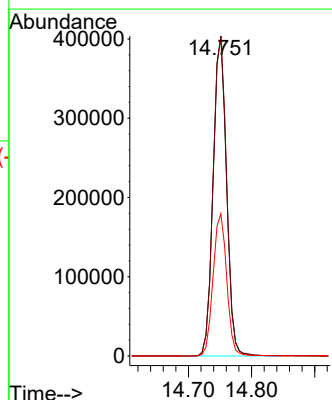
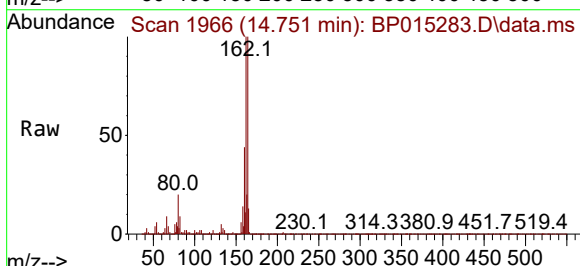
Tgt Ion:164 Resp: 591473

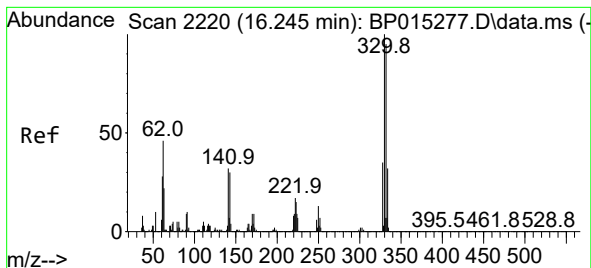
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 44.5 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 151.056 ng

RT: 16.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015283.D

Acq: 24 May 2023 21:42

Instrument :

BNA_P

ClientSampleId :

PB152844BL

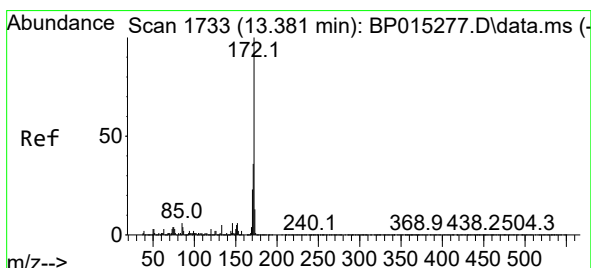
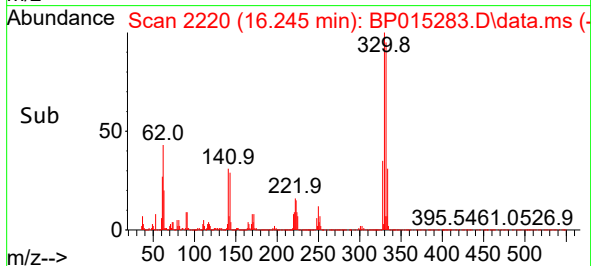
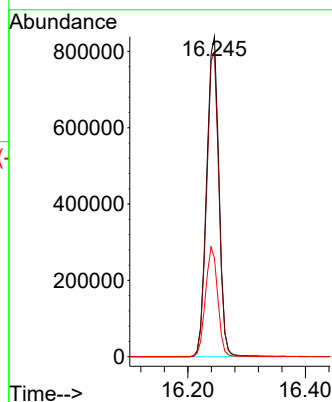
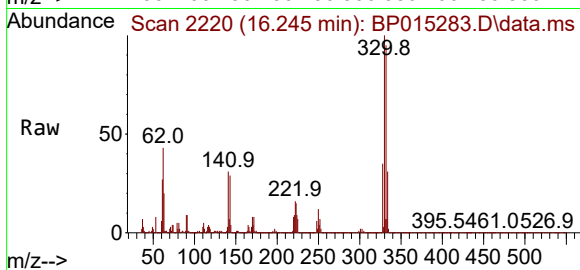
Tgt Ion:330 Resp: 1214146

Ion Ratio Lower Upper

330 100

332 95.2 76.3 114.5

141 34.1 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 89.617 ng

RT: 13.381 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BP015283.D

Acq: 24 May 2023 21:42

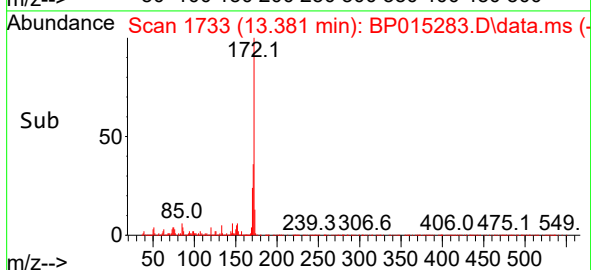
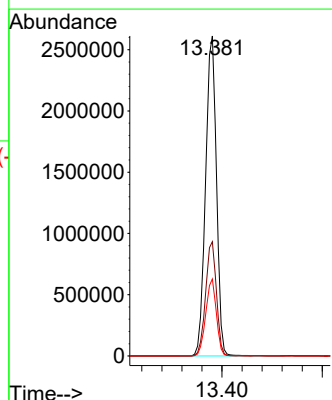
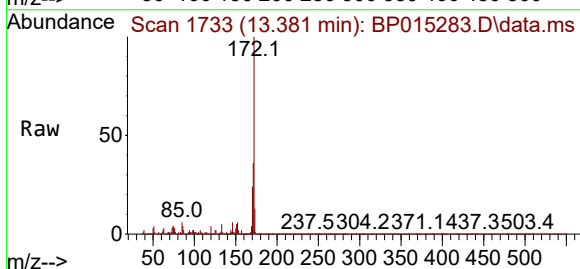
Tgt Ion:172 Resp: 3948144

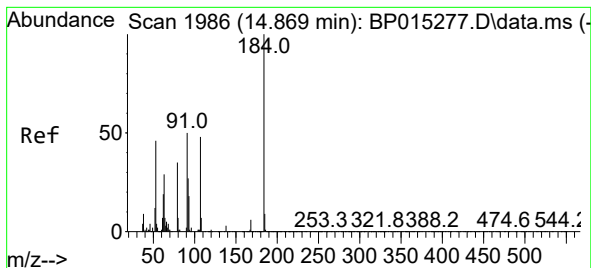
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 18.7 28.1





#54

2,4-Dinitrophenol

Concen: 5.189 ng

RT: 14.986 min Scan# 2006

Delta R.T. 0.117 min

Lab File: BP015283.D

Acq: 24 May 2023 21:42

Instrument :

BNA_P

ClientSampleId :

PB152844BL

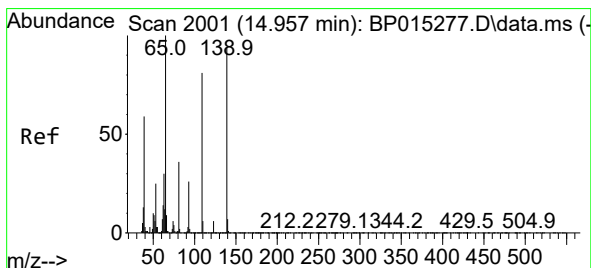
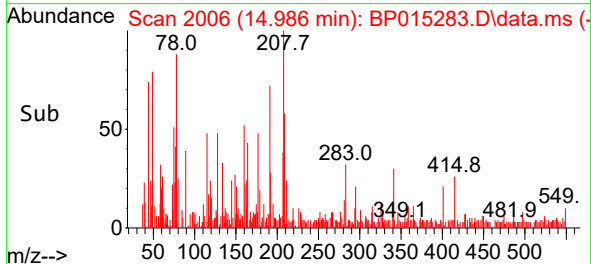
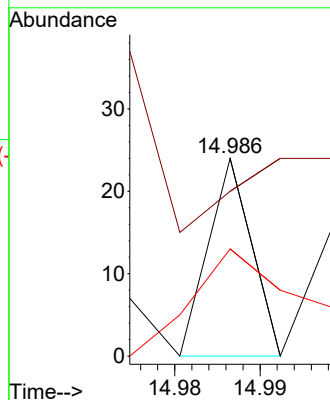
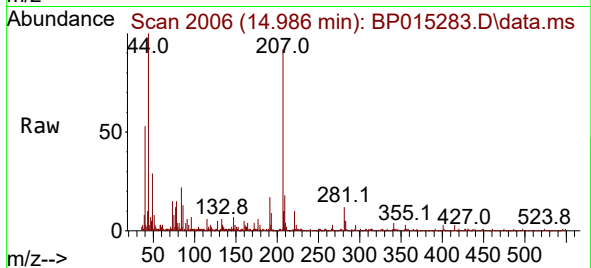
Tgt Ion:184 Resp: 8

Ion Ratio Lower Upper

184 100

63 83.3 56.2 84.4

154 54.2 53.2 79.8



#56

4-Nitrophenol

Concen: 3.430 ng

RT: 14.951 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BP015283.D

Acq: 24 May 2023 21:42

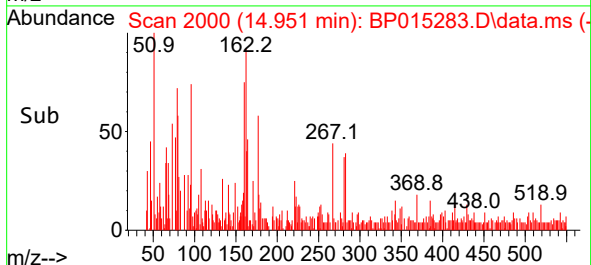
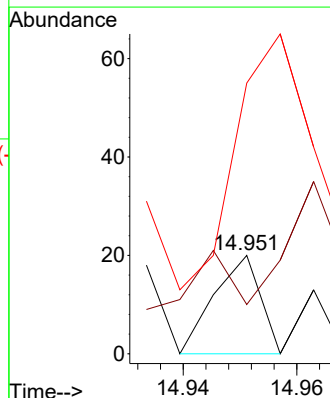
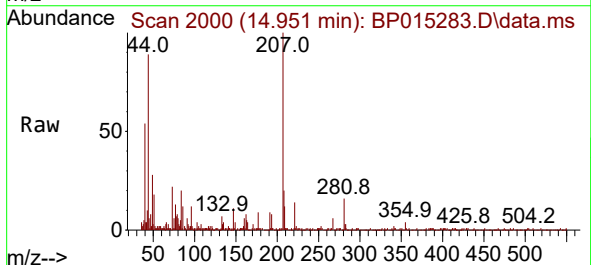
Tgt Ion:139 Resp: 11

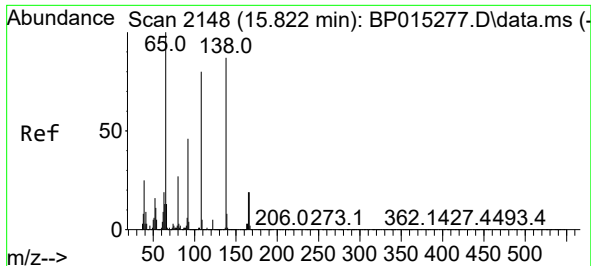
Ion Ratio Lower Upper

139 100

109 50.0 66.5 106.5#

65 275.0 86.6 126.6#

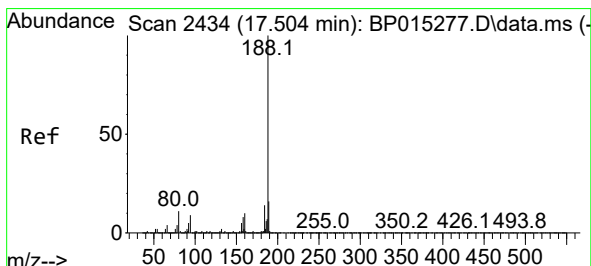
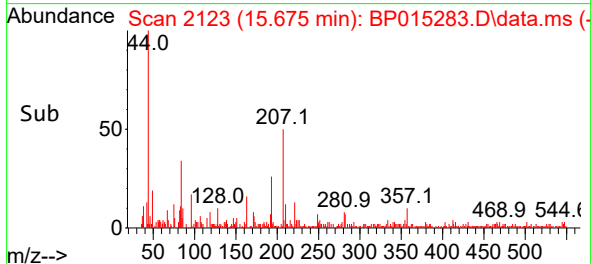
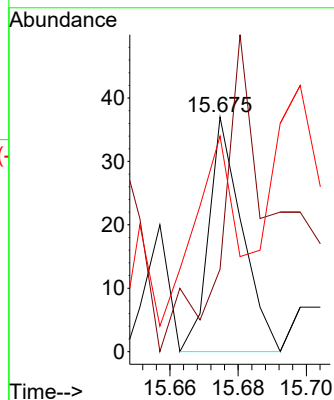
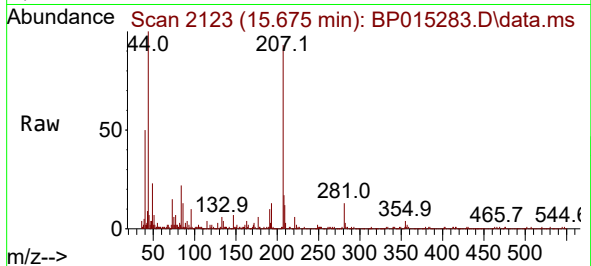




#62
4-Nitroaniline
Concen: 2.307 ng
RT: 15.675 min Scan# 2148
Delta R.T. -0.147 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

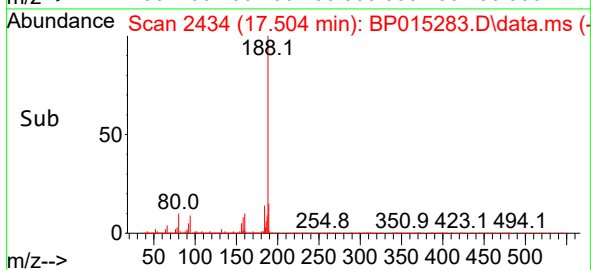
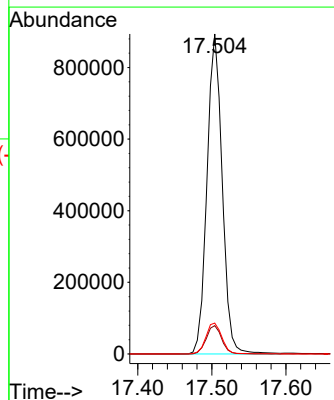
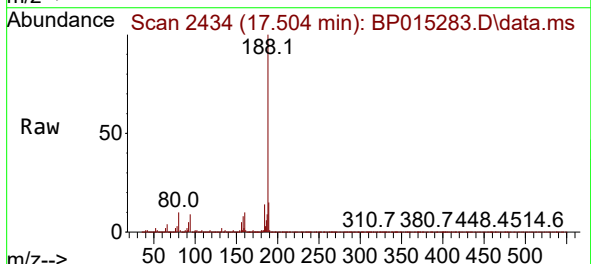
Instrument :
BNA_P
ClientSampleId :
PB152844BL

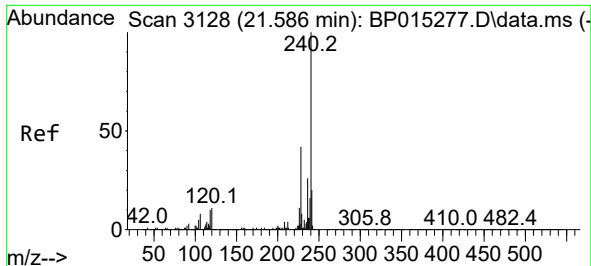
Tgt Ion:138 Resp: 25
Ion Ratio Lower Upper
138 100
92 35.1 33.1 73.1
108 91.9 71.0 111.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

Tgt Ion:188 Resp: 1278180
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.6 8.6 13.0

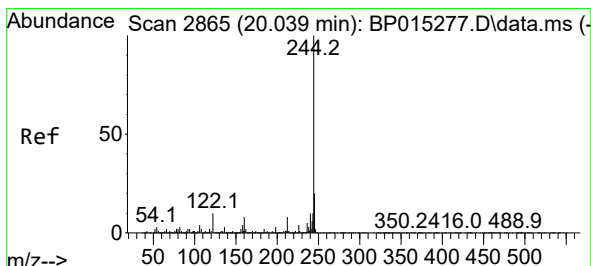
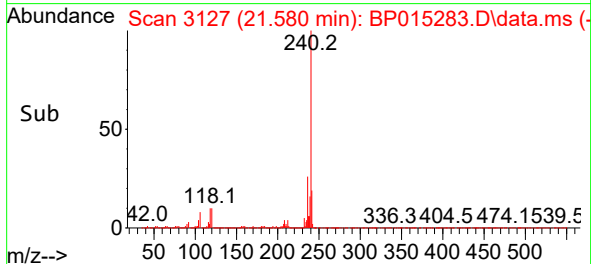
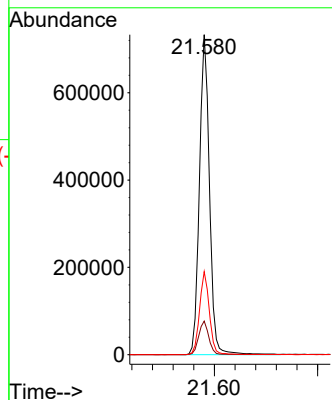
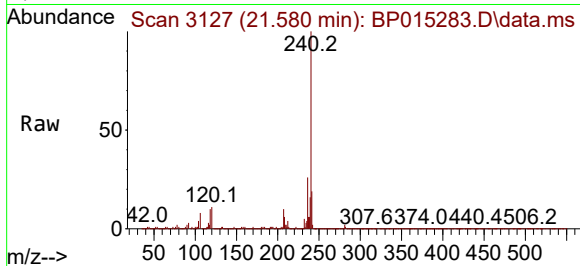




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

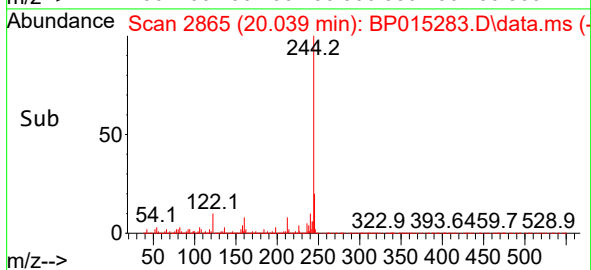
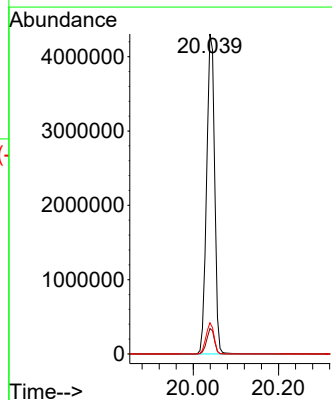
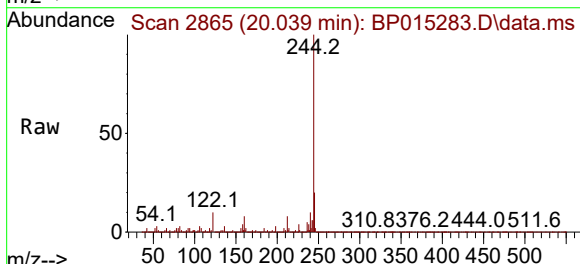
Instrument :
BNA_P
ClientSampleId :
PB152844BL

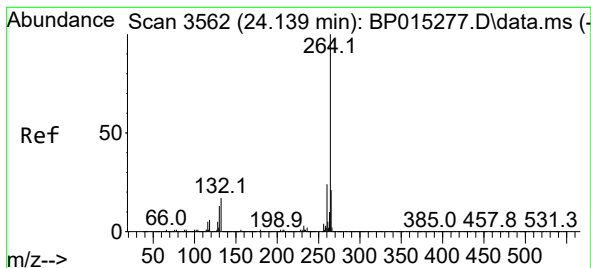
Tgt Ion:240 Resp: 987141
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 106.862 ng
RT: 20.039 min Scan# 2865
Delta R.T. -0.000 min
Lab File: BP015283.D
Acq: 24 May 2023 21:42

Tgt Ion:244 Resp: 5608172
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 9.8 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.133 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015283.D

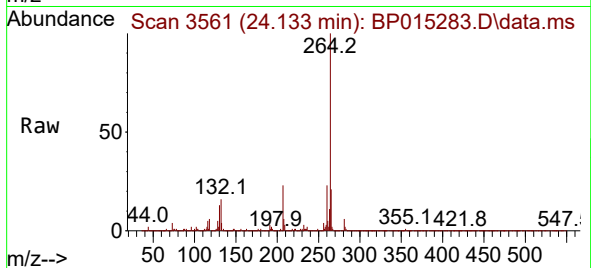
Acq: 24 May 2023 21:42

Instrument :

BNA_P

ClientSampleId :

PB152844BL



Tgt Ion:264 Resp: 936297

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.3 17.5 26.3

