

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010651.D
 Acq On : 01 Jun 2022 14:59
 Operator : CG/JU
 Sample : N2984-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P014-SS002-2430-01

Quant Time: Jun 02 05:04:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

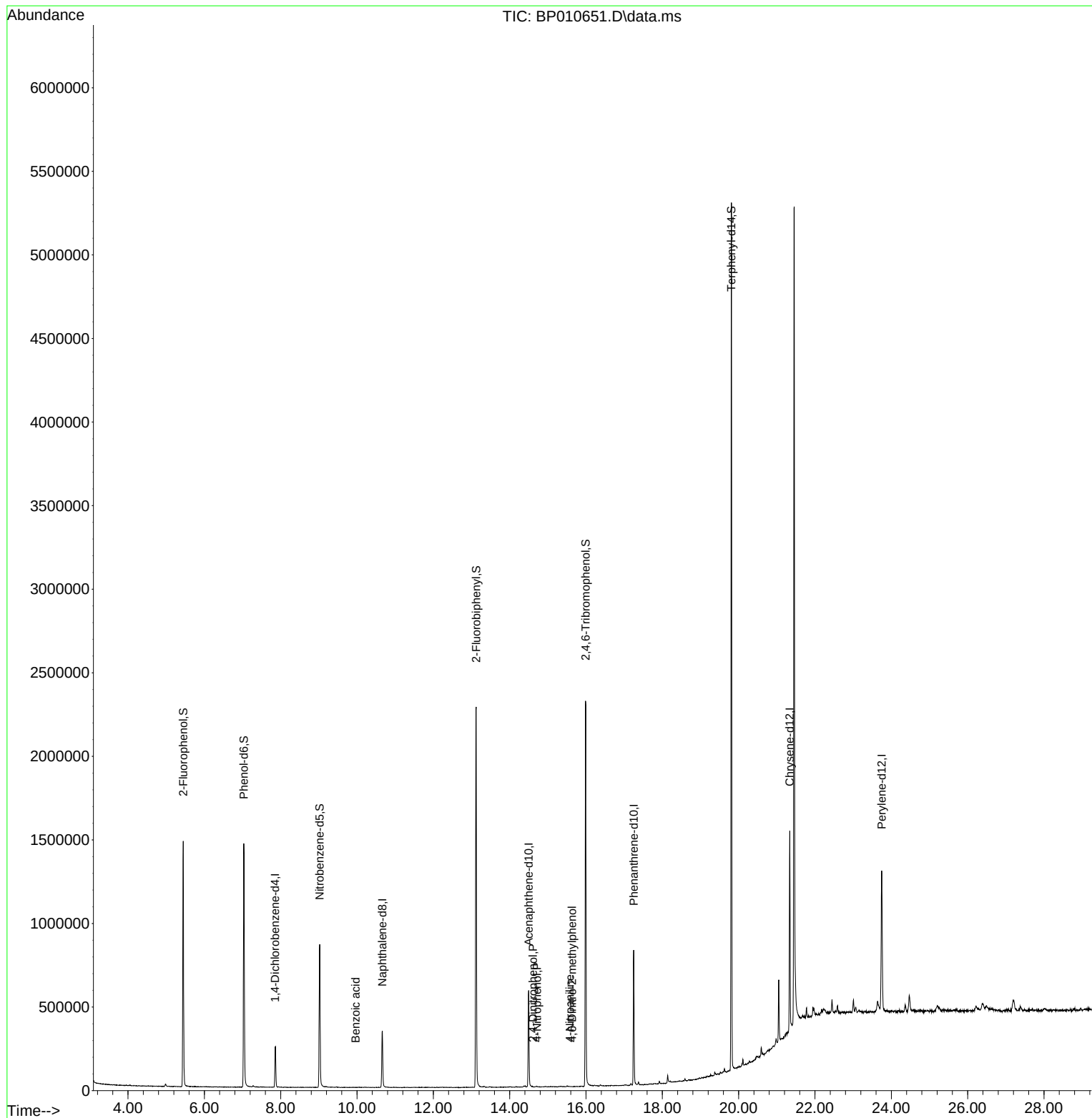
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	65457	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	286028	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	207674	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	491729	20.000	ng	0.00
76) Chrysene-d12	21.339	240	569334	20.000	ng	0.00
86) Perylene-d12	23.751	264	662262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	576360	160.633	ng	0.00
7) Phenol-d6	7.034	99	807328	158.493	ng	0.00
23) Nitrobenzene-d5	9.022	82	515382	85.189	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	415201	176.623	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1189109	81.264	ng	0.00
79) Terphenyl-d14	19.810	244	2377795	78.447	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.963	122	8	7.326	ng	# 1
54) 2,4-Dinitrophenol	14.610	184	10	6.650	ng	# 1
56) 4-Nitrophenol	14.716	139	13	3.602	ng	# 1
62) 4-Nitroaniline	15.581	138	20	2.139	ng	# 75
65) 4,6-Dinitro-2-methylph...	15.633	198	17	4.608	ng	# 1

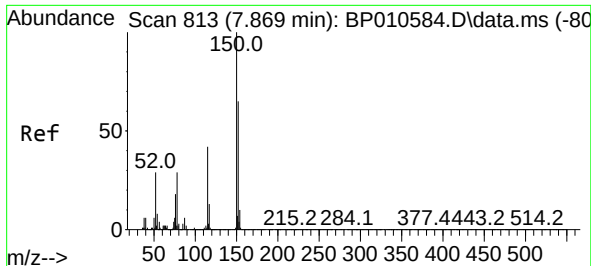
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 28 02:18:04 2022
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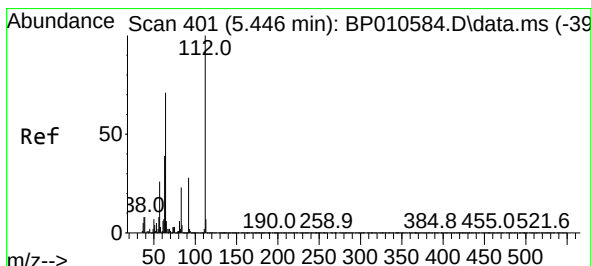
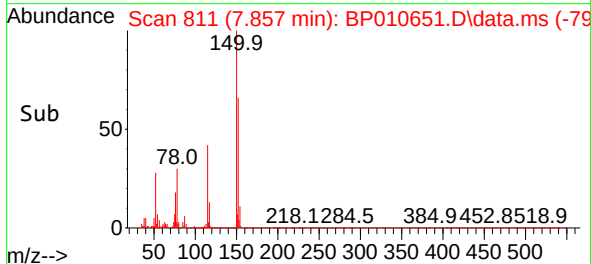
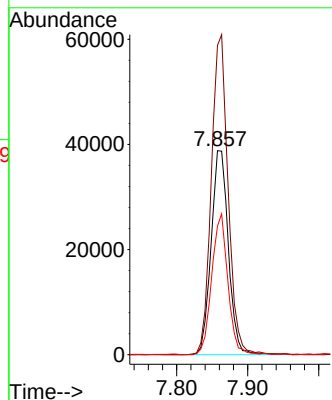
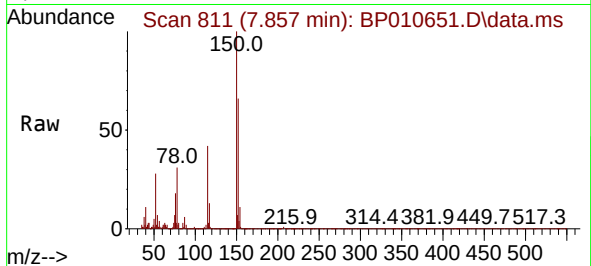




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

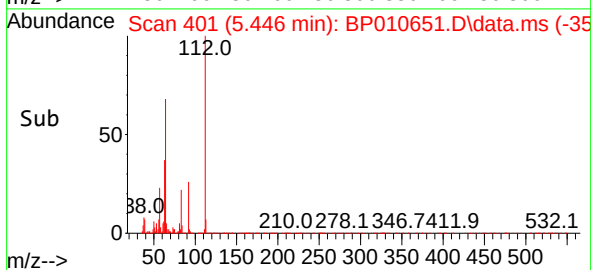
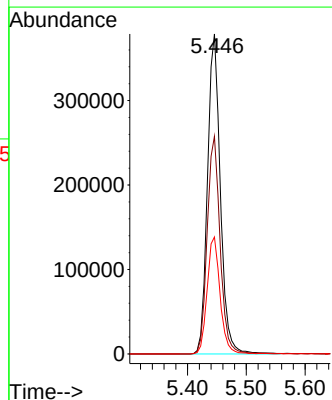
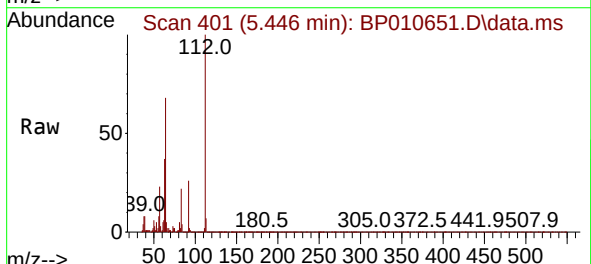
Instrument :
BNA_P
ClientSampleId :
P014-SS002-2430-01

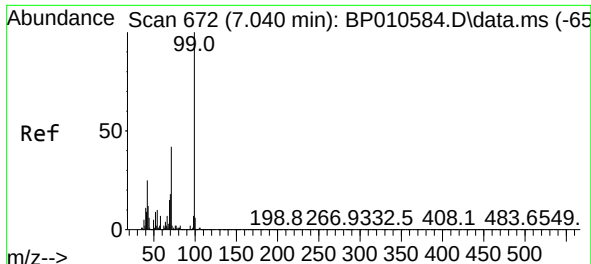
Tgt Ion:152 Resp: 65457
Ion Ratio Lower Upper
152 100
150 151.6 123.4 185.2
115 63.0 51.3 76.9



#5
2-Fluorophenol
Concen: 160.633 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

Tgt Ion:112 Resp: 576360
Ion Ratio Lower Upper
112 100
64 68.0 56.9 85.3
63 36.6 31.2 46.8

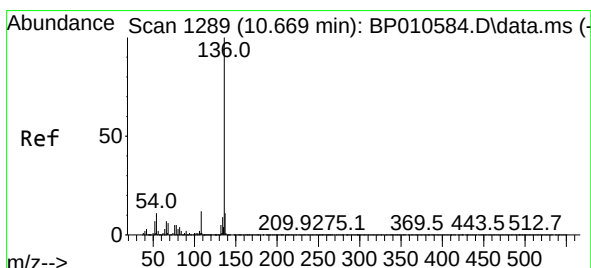
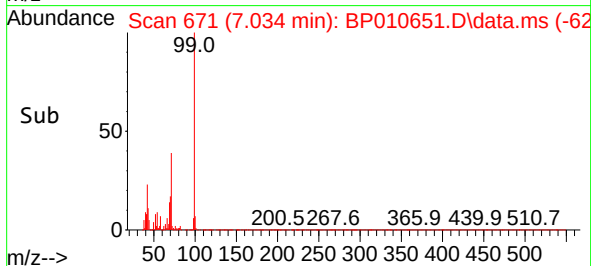
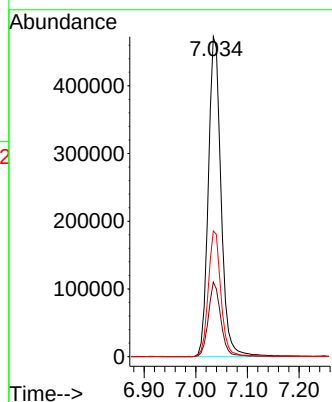
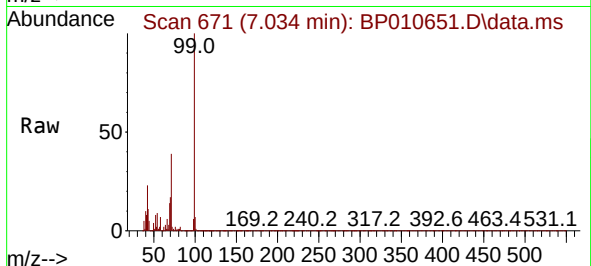




#7
Phenol-d6
Concen: 158.493 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

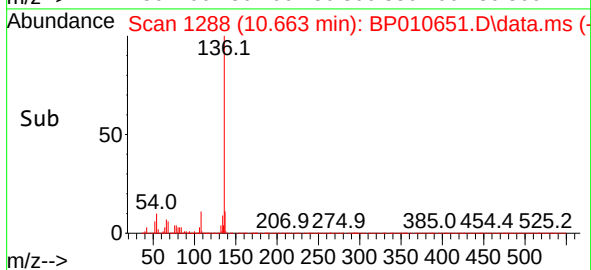
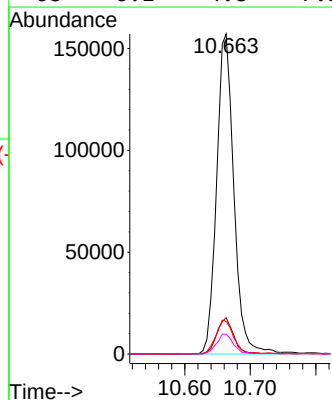
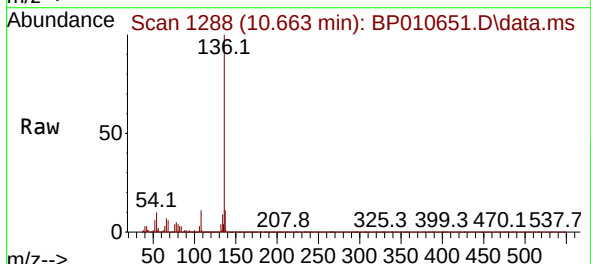
Instrument :
BNA_P
ClientSampleId :
P014-SS002-2430-01

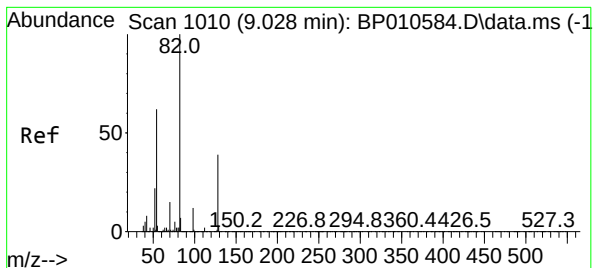
Tgt Ion: 99 Resp: 807328
Ion Ratio Lower Upper
99 100
42 23.3 20.3 30.5
71 39.3 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

Tgt Ion:136 Resp: 286028
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.2 8.7 13.1
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.189 ng

RT: 9.022 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BP010651.D

Acq: 01 Jun 2022 14:59

Instrument :

BNA_P

ClientSampleId :

P014-SS002-2430-01

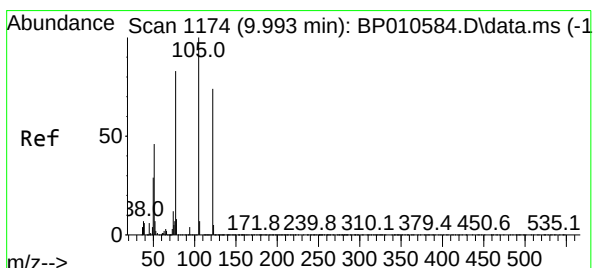
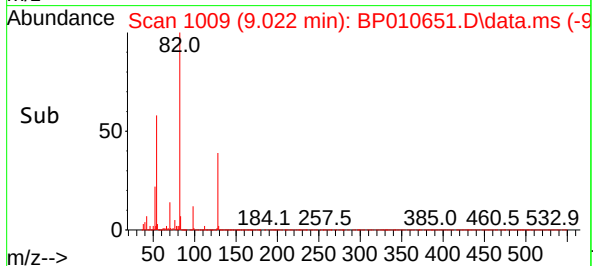
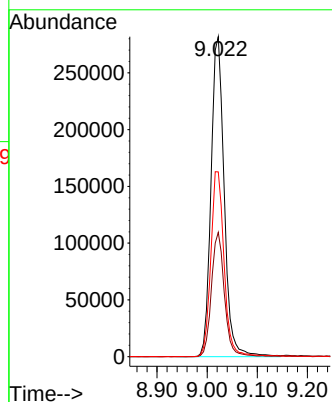
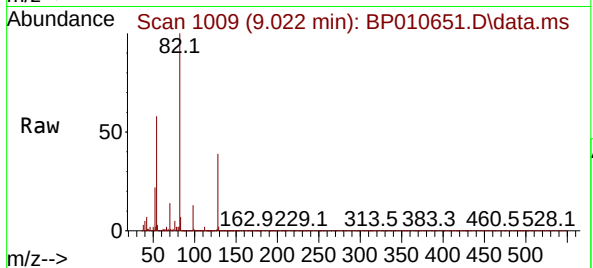
Tgt Ion: 82 Resp: 515382

Ion Ratio Lower Upper

82 100

128 38.8 31.3 46.9

54 57.8 49.8 74.8



#32

Benzoic acid

Concen: 7.326 ng

RT: 9.963 min Scan# 1169

Delta R.T. -0.030 min

Lab File: BP010651.D

Acq: 01 Jun 2022 14:59

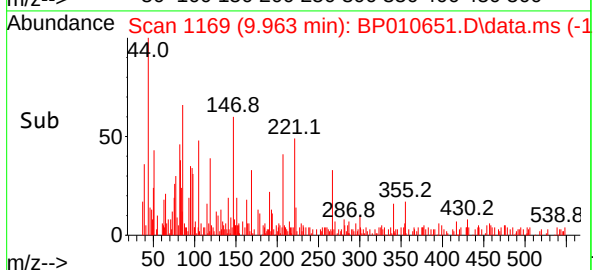
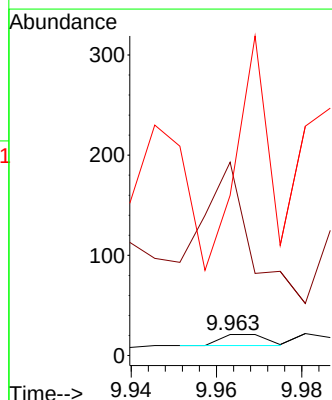
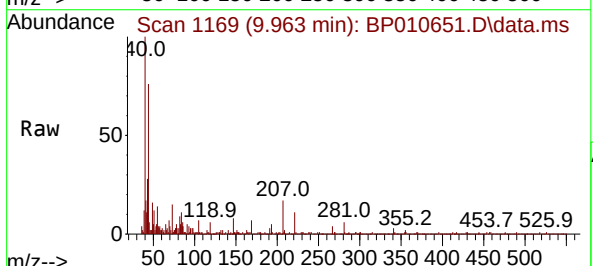
Tgt Ion: 122 Resp: 8

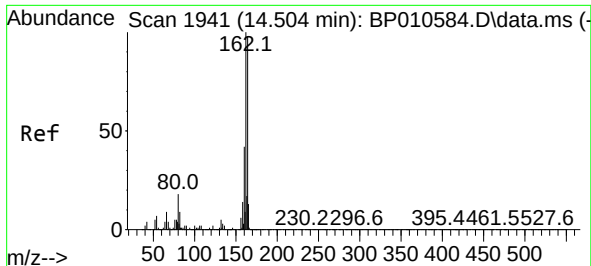
Ion Ratio Lower Upper

122 100

105 919.0 112.6 152.6#

77 761.9 90.2 130.2#

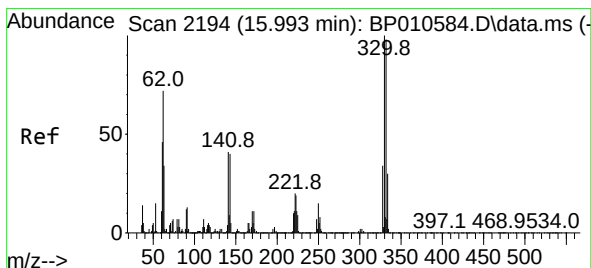
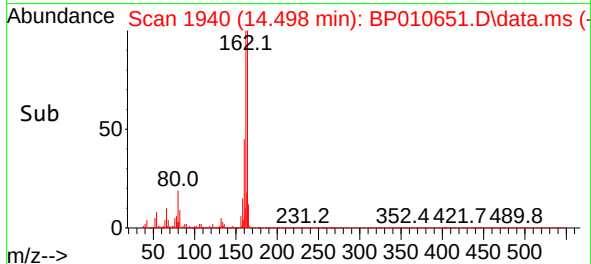
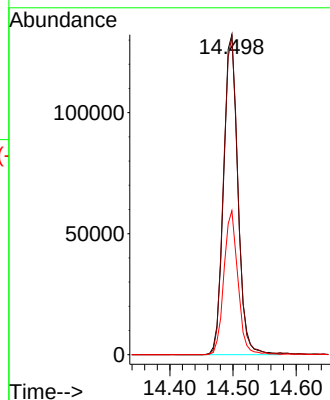
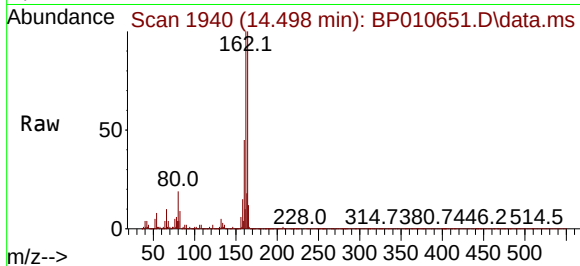




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

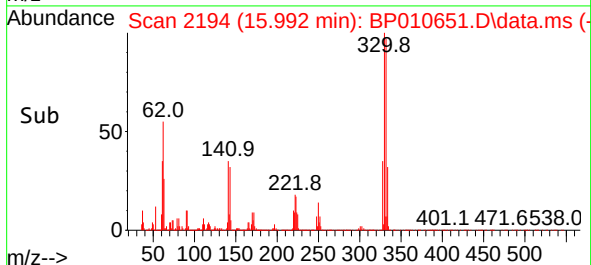
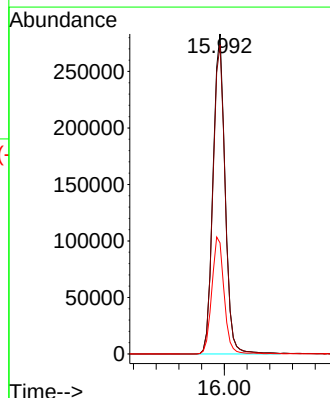
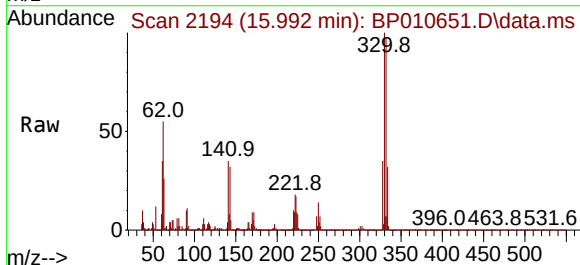
Instrument :
BNA_P
ClientSampleId :
P014-SS002-2430-01

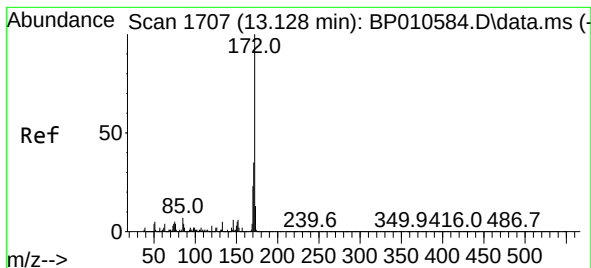
Tgt Ion:164 Resp: 207674
Ion Ratio Lower Upper
164 100
162 99.6 81.9 122.9
160 45.0 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 176.623 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

Tgt Ion:330 Resp: 415201
Ion Ratio Lower Upper
330 100
332 98.0 78.1 117.1
141 37.3 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 81.264 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010651.D

Acq: 01 Jun 2022 14:59

Instrument :

BNA_P

ClientSampleId :

P014-SS002-2430-01

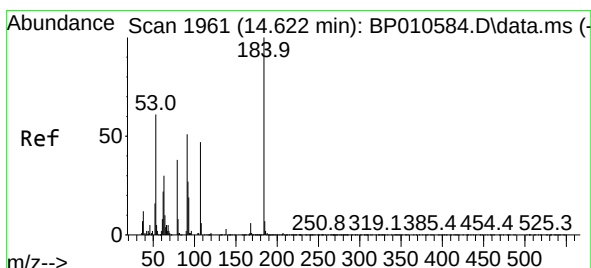
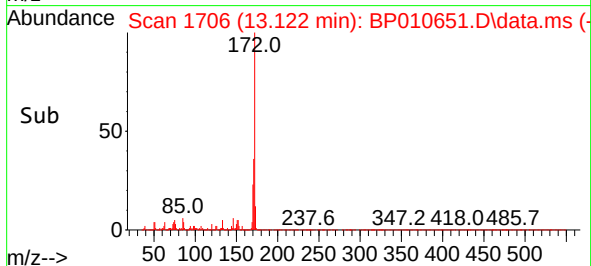
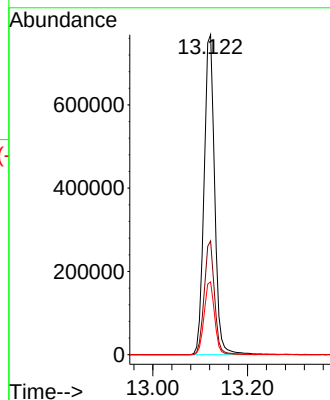
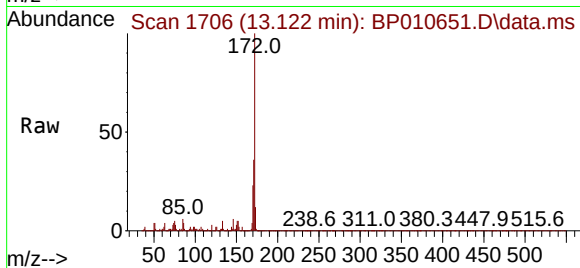
Tgt Ion:172 Resp: 1189109

Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 22.7 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.650 ng

RT: 14.610 min Scan# 1959

Delta R.T. -0.012 min

Lab File: BP010651.D

Acq: 01 Jun 2022 14:59

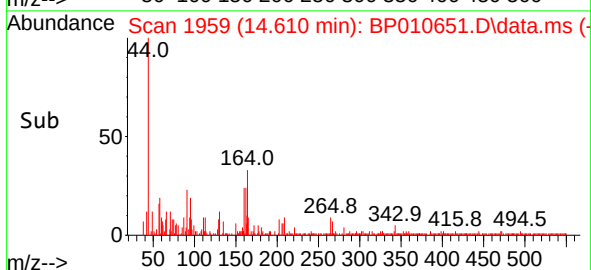
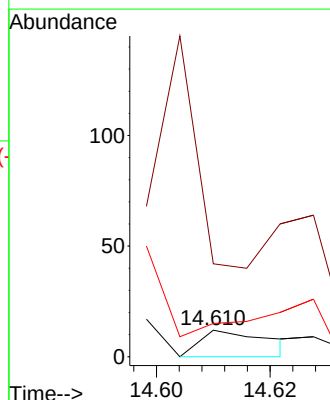
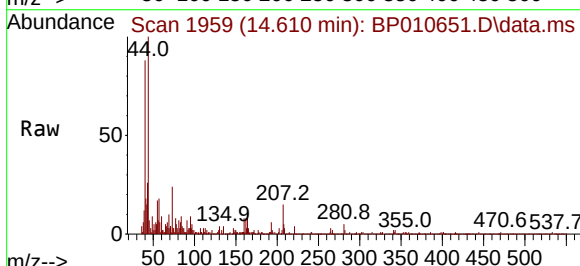
Tgt Ion:184 Resp: 10

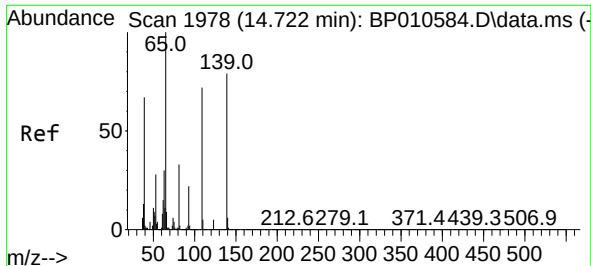
Ion Ratio Lower Upper

184 100

63 350.0 65.4 98.2#

154 125.0 55.4 83.2#

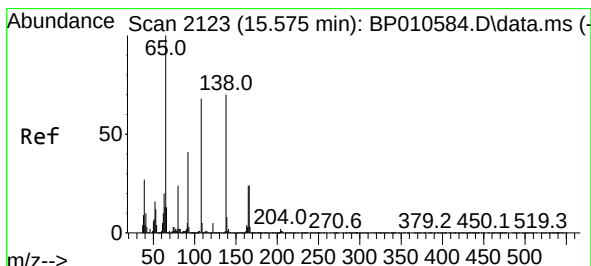
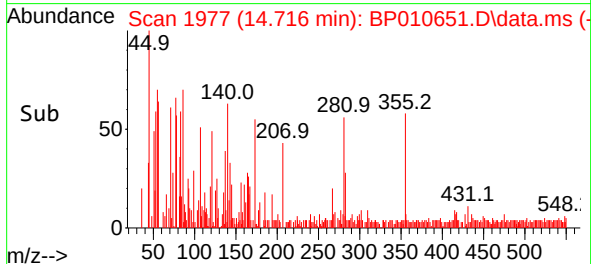
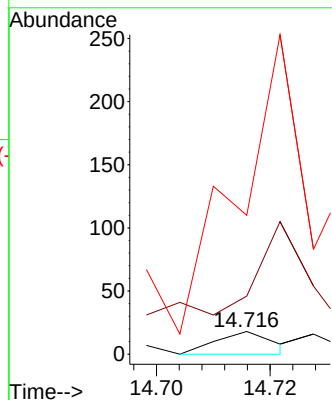
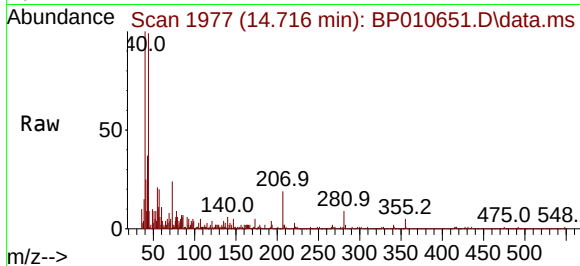




#56
4-Nitrophenol
Concen: 3.602 ng
RT: 14.716 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

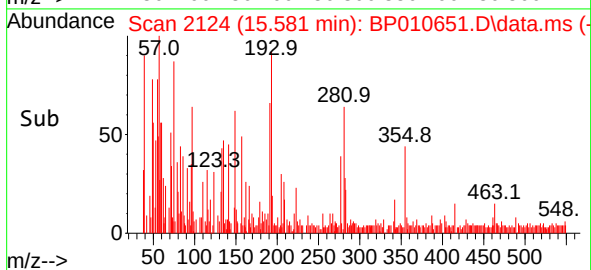
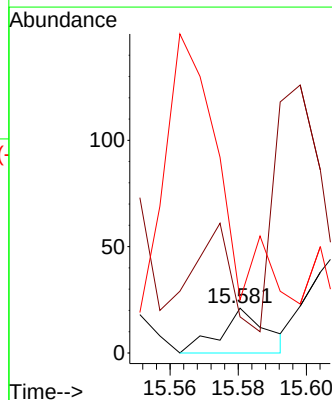
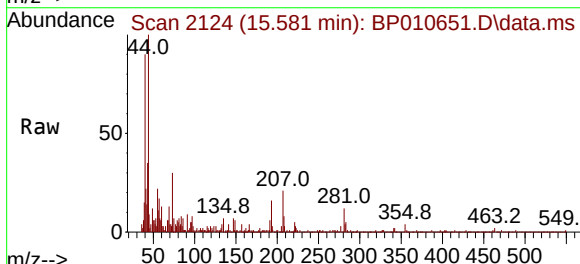
Instrument :
BNA_P
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P014-SS002-2430-01

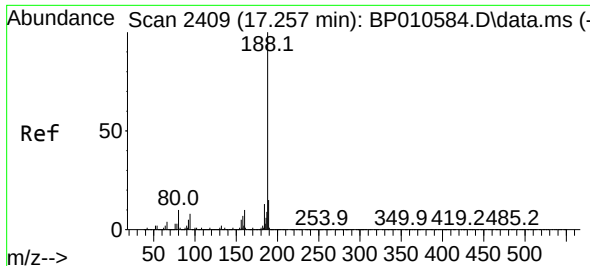
Tgt Ion:139 Resp: 13
Ion Ratio Lower Upper
139 100
109 255.6 70.6 110.6#
65 944.4 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.139 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

Tgt Ion:138 Resp: 20
Ion Ratio Lower Upper
138 100
92 81.0 38.0 78.0#
108 119.0 77.6 117.6#

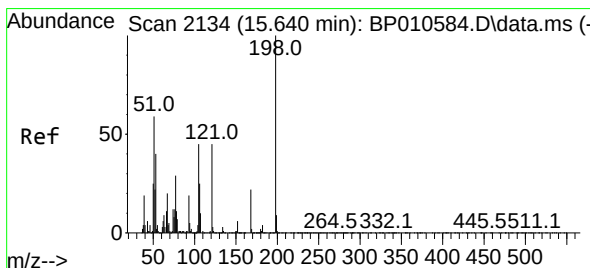
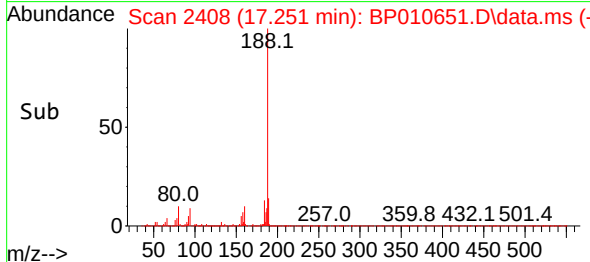
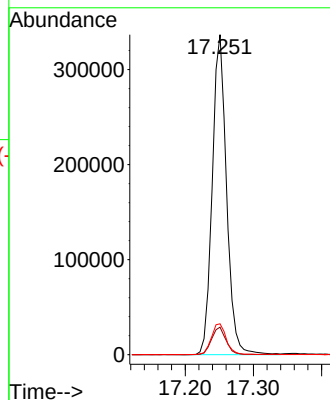
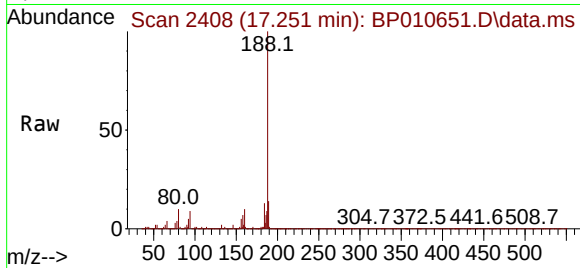




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

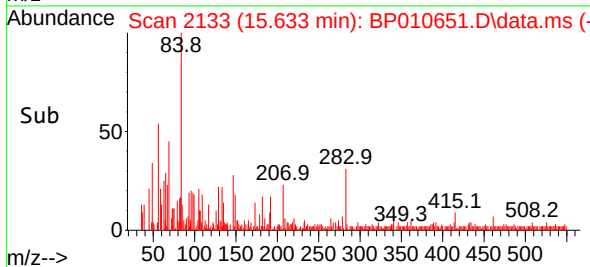
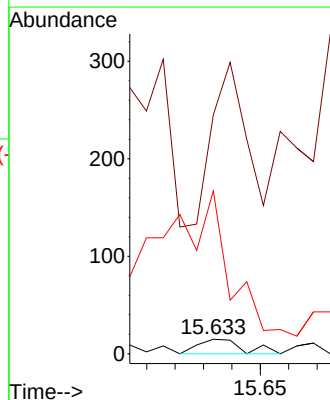
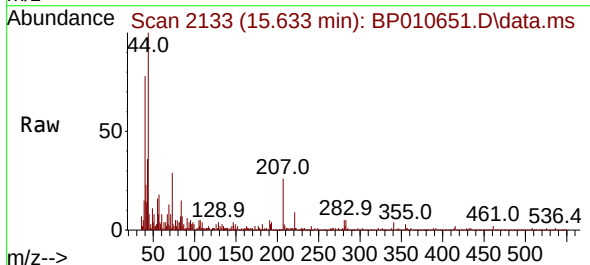
Instrument :
BNA_P
ClientSampleId :
P014-SS002-2430-01

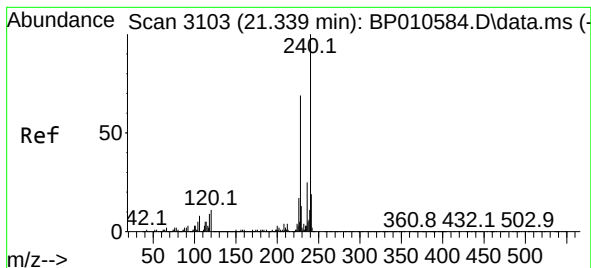
Tgt Ion:188 Resp: 491729
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.608 ng
RT: 15.633 min Scan# 2133
Delta R.T. -0.007 min
Lab File: BP010651.D
Acq: 01 Jun 2022 14:59

Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 1633.3 41.2 81.2#
105 1113.3 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP010651.D

Acq: 01 Jun 2022 14:59

Instrument :

BNA_P

ClientSampleId :

P014-SS002-2430-01

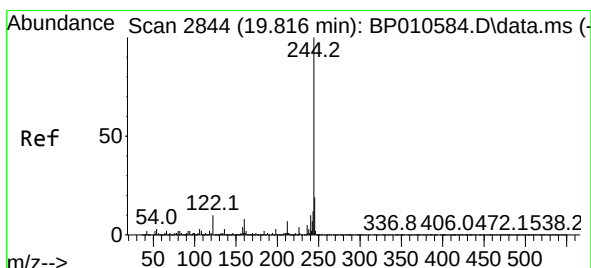
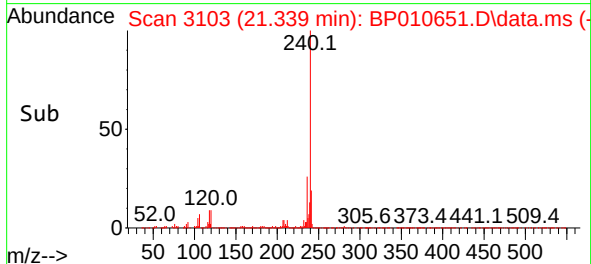
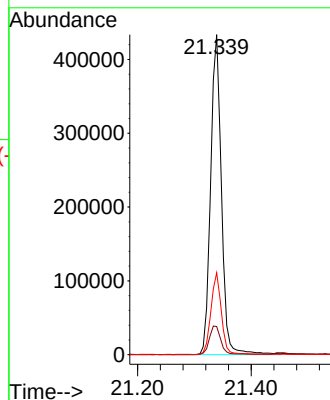
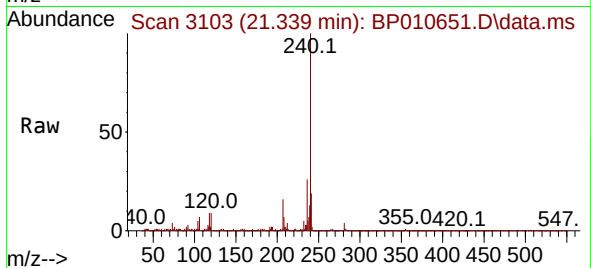
Tgt Ion:240 Resp: 569334

Ion Ratio Lower Upper

240 100

120 8.8 8.6 12.8

236 25.6 19.8 29.6



#79

Terphenyl-d14

Concen: 78.447 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010651.D

Acq: 01 Jun 2022 14:59

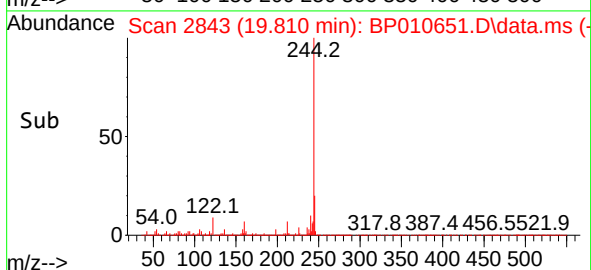
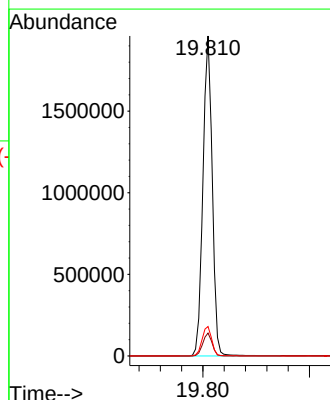
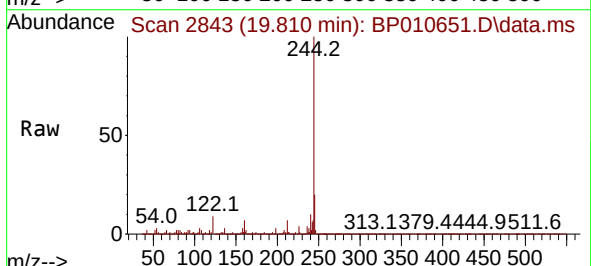
Tgt Ion:244 Resp: 2377795

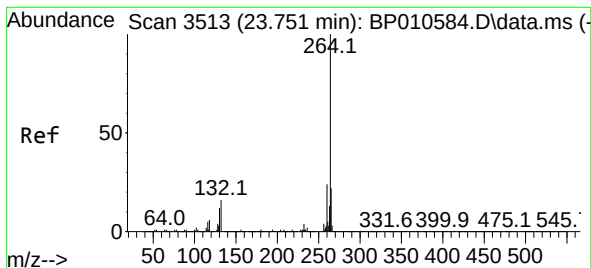
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.2 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP010651.D

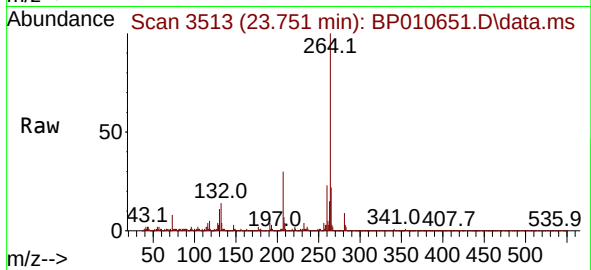
Acq: 01 Jun 2022 14:59

Instrument :

BNA_P

ClientSampleId :

P014-SS002-2430-01



Tgt Ion:264 Resp: 662262

Ion Ratio Lower Upper

264 100

260 22.5 19.3 28.9

265 21.6 18.0 27.0

