

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010615.D
 Acq On : 29 May 2022 12:57
 Operator : CG/JU
 Sample : N2859-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SW-S-E3

Quant Time: May 30 02:05:47 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)

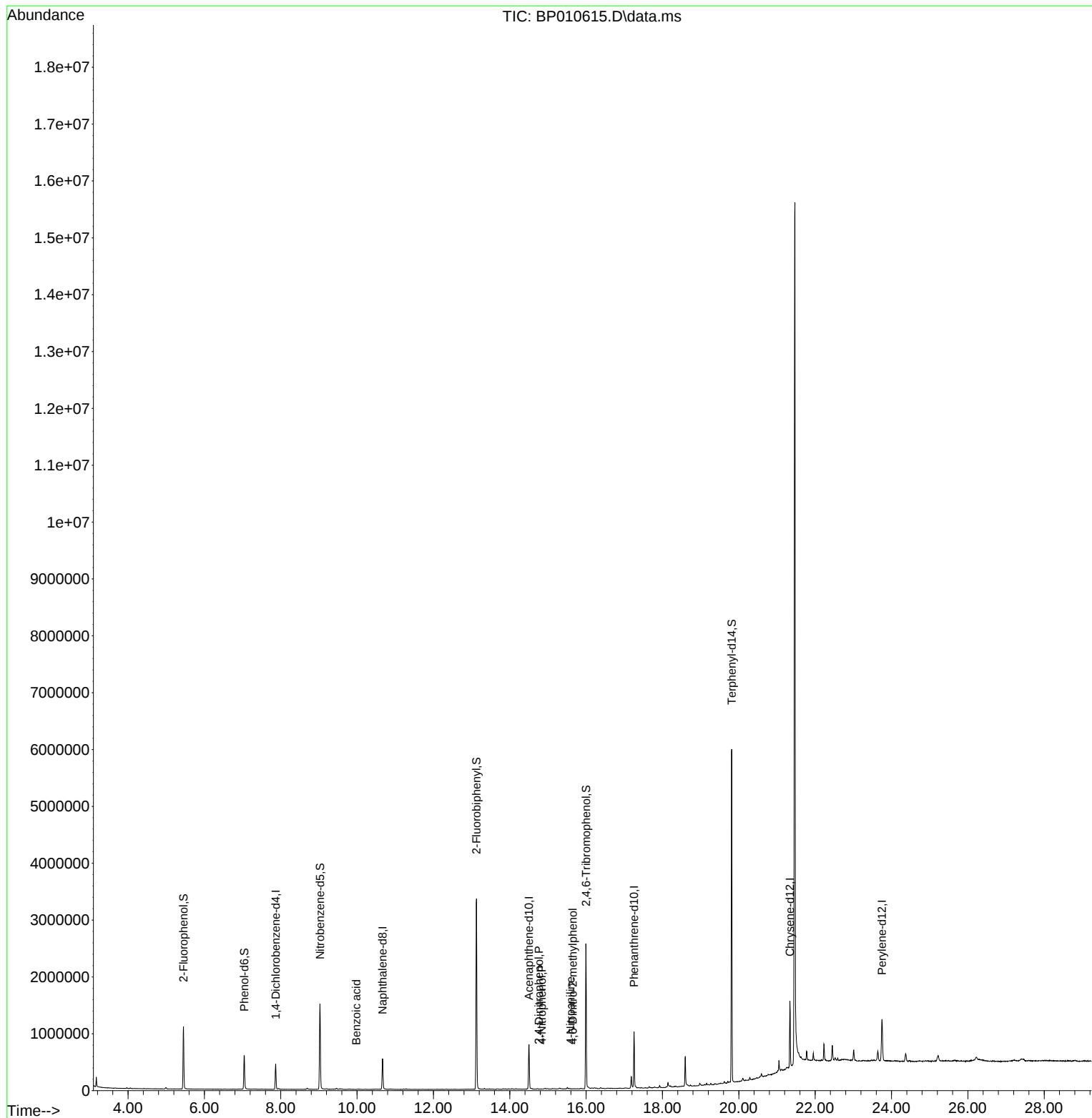
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	115697	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	446740	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	278805	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	590611	20.000	ng	0.00
76) Chrysene-d12	21.339	240	568286	20.000	ng	0.00
86) Perylene-d12	23.751	264	564918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	412951	65.114	ng	0.00
7) Phenol-d6	7.046	99	327554	36.381	ng	0.00
23) Nitrobenzene-d5	9.028	82	842366	89.147	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	443488	140.524	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1722994	87.708	ng	0.00
79) Terphenyl-d14	19.816	244	2796563	92.432	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	18	7.327	ng	# 1
54) 2,4-Dinitrophenol	14.763	184	32	6.657	ng	86
56) 4-Nitrophenol	14.840	139	108	3.626	ng	96
62) 4-Nitroaniline	15.593	138	84	2.151	ng	# 28
65) 4,6-Dinitro-2-methylph...	15.651	198	17	4.607	ng	# 1

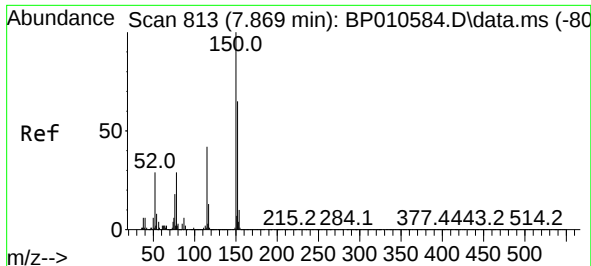
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
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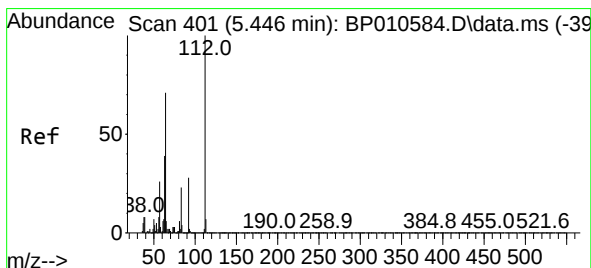
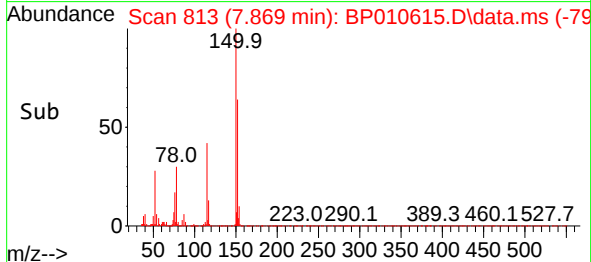
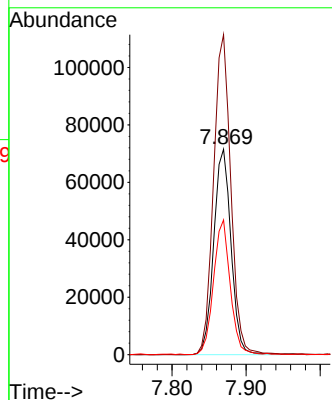
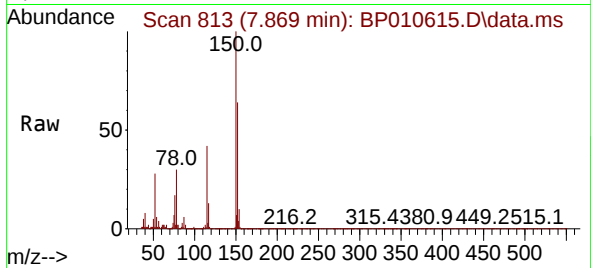




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

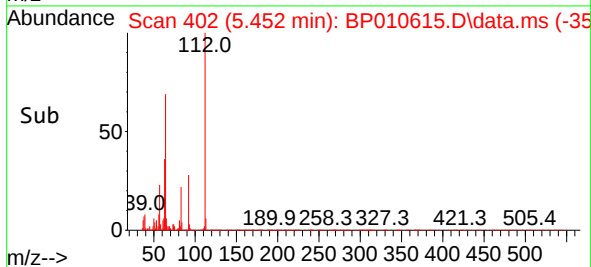
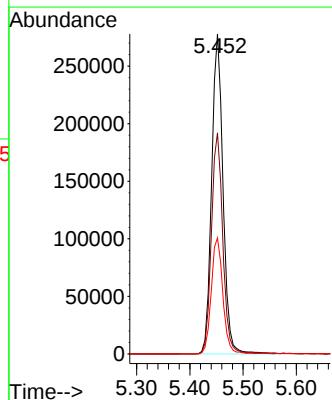
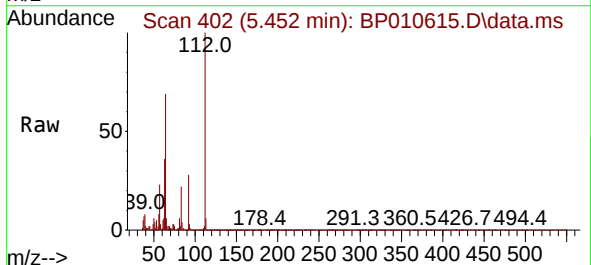
Instrument :
BNA_P
ClientSampleId :
SW-S-E3

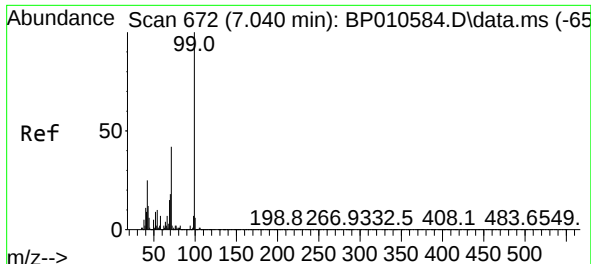
Tgt Ion:152 Resp: 115697
Ion Ratio Lower Upper
152 100
150 155.7 123.4 185.2
115 65.5 51.3 76.9



#5
2-Fluorophenol
Concen: 65.114 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

Tgt Ion:112 Resp: 412951
Ion Ratio Lower Upper
112 100
64 69.1 56.9 85.3
63 36.3 31.2 46.8

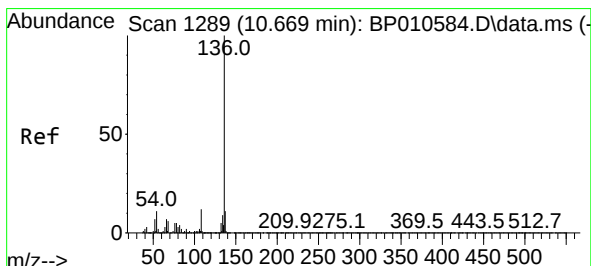
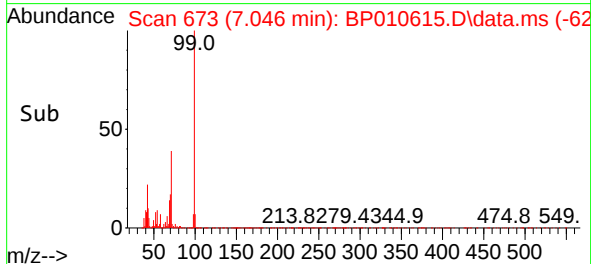
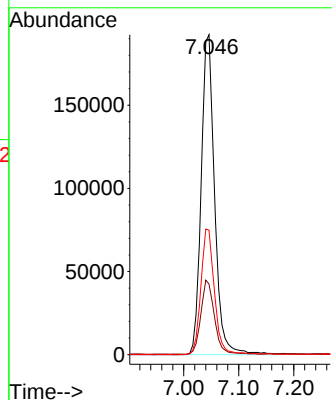
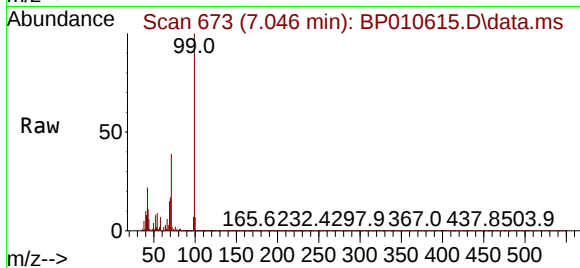




#7
Phenol-d6
Concen: 36.381 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

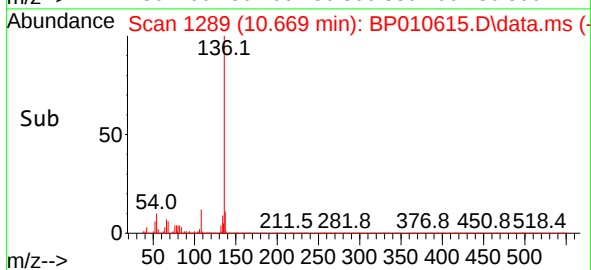
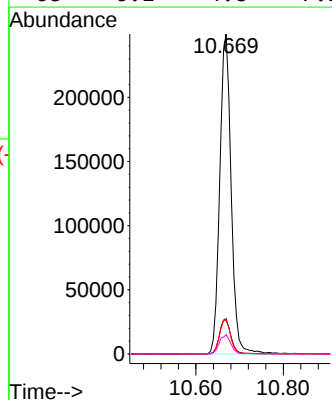
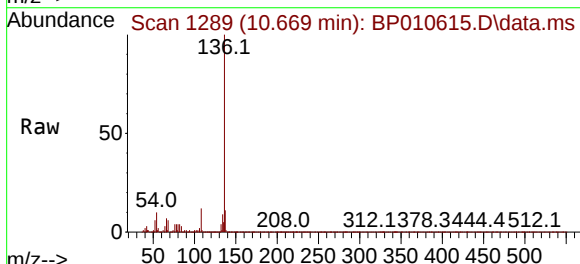
Instrument :
BNA_P
ClientSampleId :
SW-S-E3

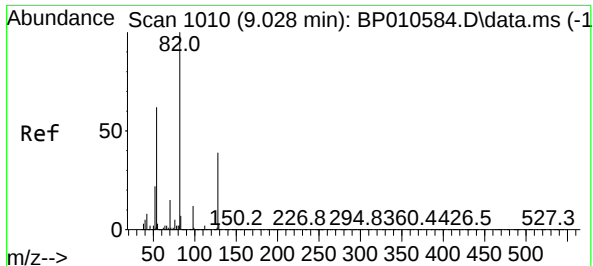
Tgt Ion: 99 Resp: 327554
Ion Ratio Lower Upper
99 100
42 22.1 20.3 30.5
71 38.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

Tgt Ion: 136 Resp: 446740
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.5 8.7 13.1
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.147 ng

RT: 9.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BP010615.D

Acq: 29 May 2022 12:57

Instrument :

BNA_P

ClientSampleId :

SW-S-E3

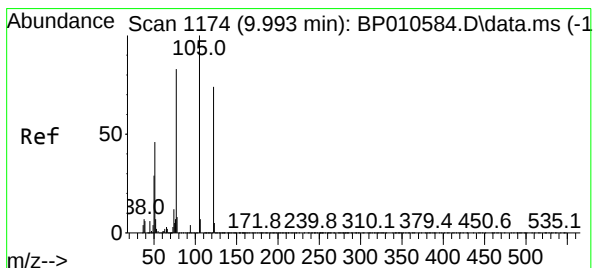
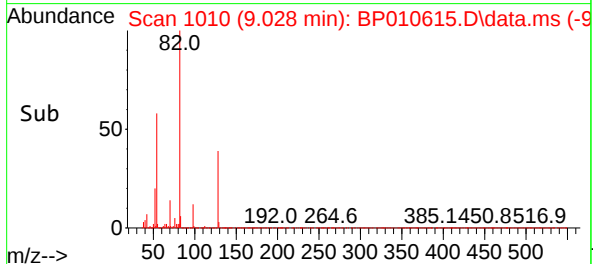
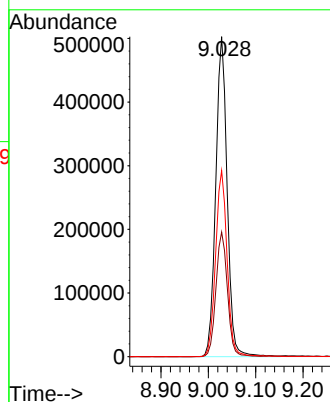
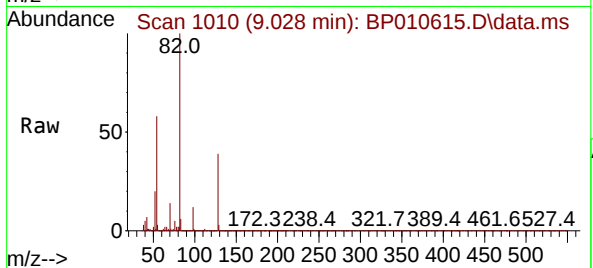
Tgt Ion: 82 Resp: 842366

Ion Ratio Lower Upper

82 100

128 38.9 31.3 46.9

54 58.1 49.8 74.8



#32

Benzoic acid

Concen: 7.327 ng

RT: 9.981 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BP010615.D

Acq: 29 May 2022 12:57

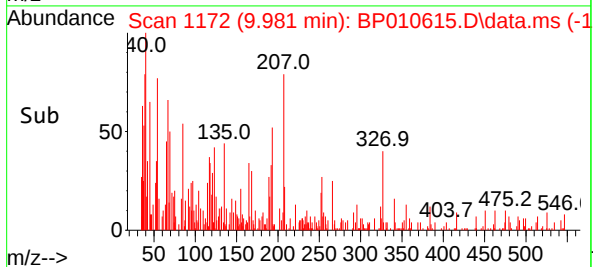
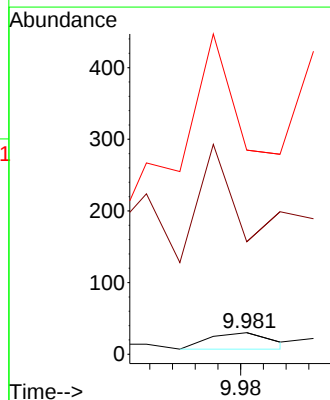
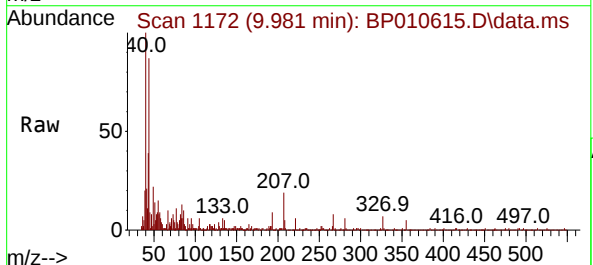
Tgt Ion: 122 Resp: 18

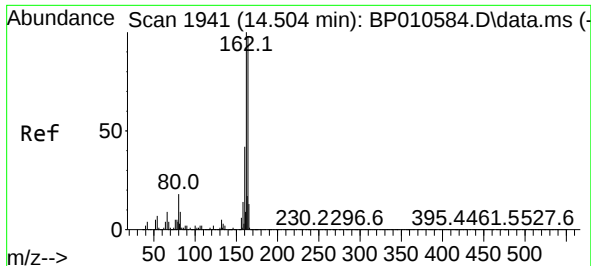
Ion Ratio Lower Upper

122 100

105 523.3 112.6 152.6#

77 950.0 90.2 130.2#

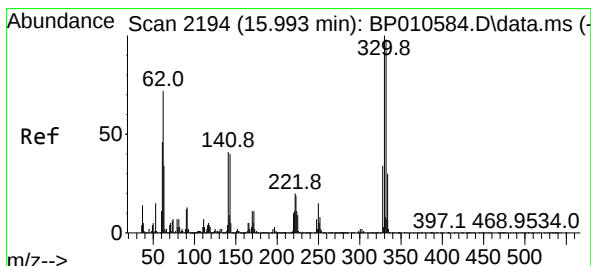
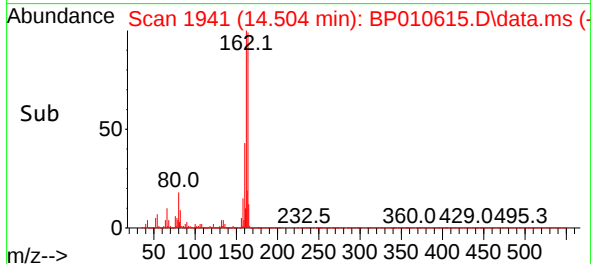
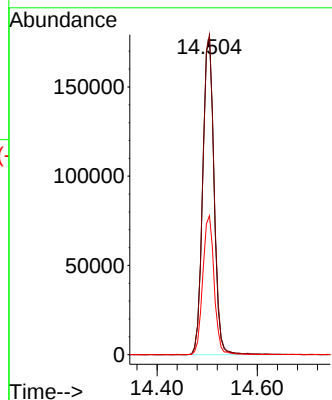
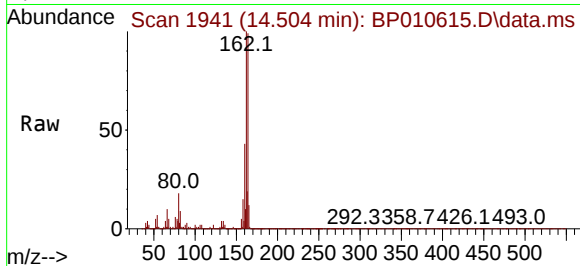




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

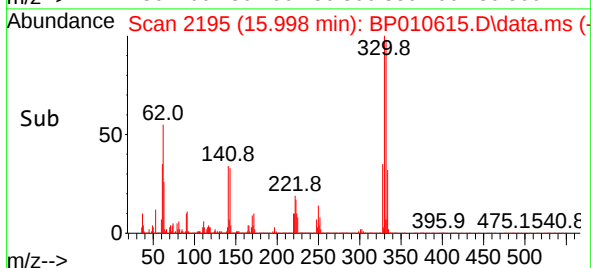
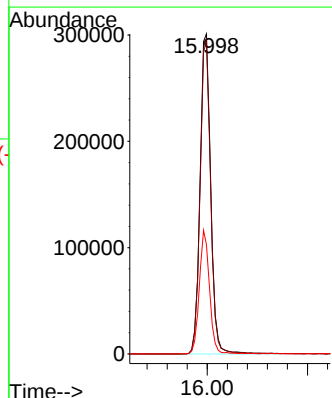
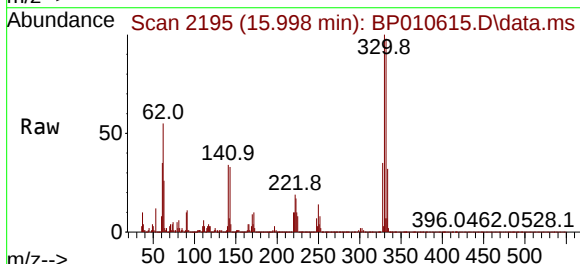
Instrument :
BNA_P
ClientSampleId :
SW-S-E3

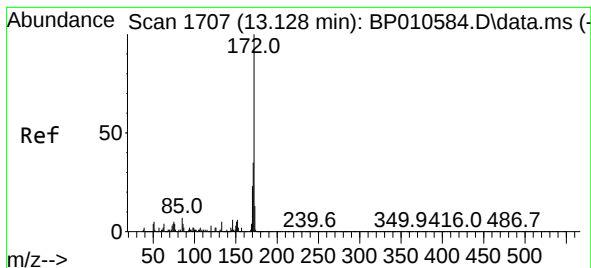
Tgt Ion:164 Resp: 278805
Ion Ratio Lower Upper
164 100
162 100.8 81.9 122.9
160 43.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 140.524 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

Tgt Ion:330 Resp: 443488
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 36.9 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 87.708 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010615.D

Acq: 29 May 2022 12:57

Instrument :

BNA_P

ClientSampleId :

SW-S-E3

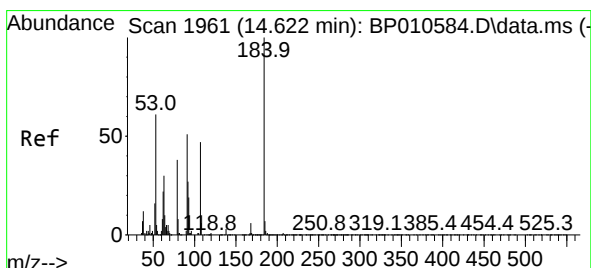
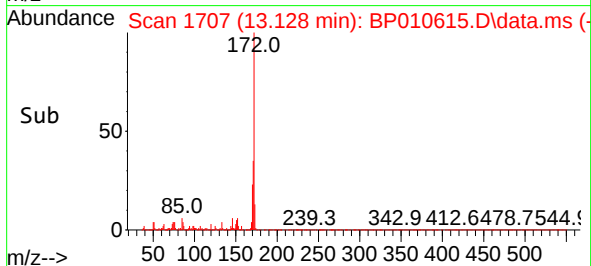
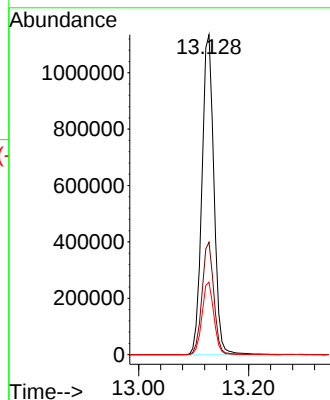
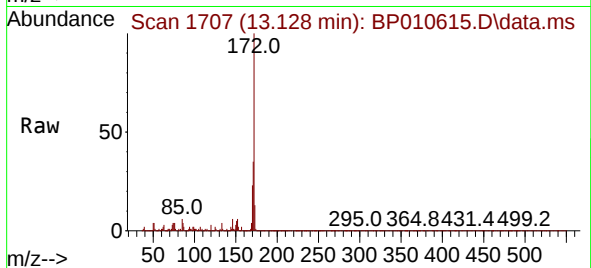
Tgt Ion:172 Resp: 1722994

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 22.6 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.657 ng

RT: 14.763 min Scan# 1985

Delta R.T. 0.141 min

Lab File: BP010615.D

Acq: 29 May 2022 12:57

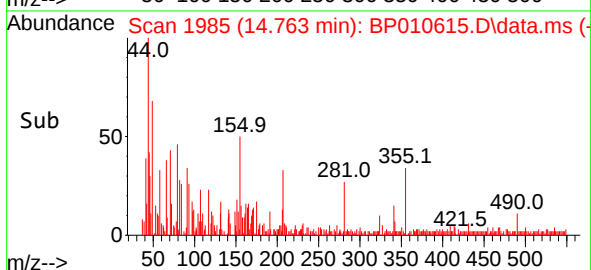
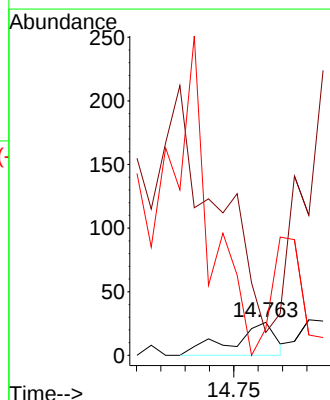
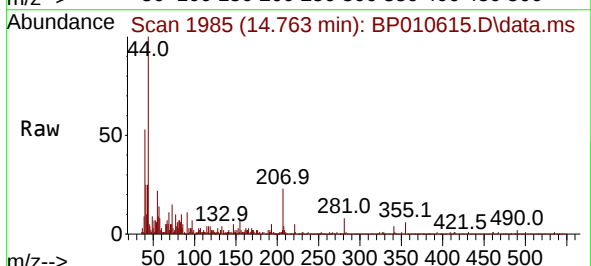
Tgt Ion:184 Resp: 32

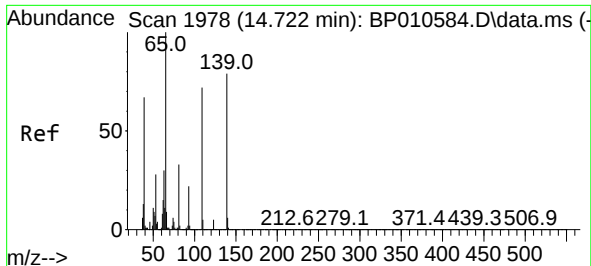
Ion Ratio Lower Upper

184 100

63 69.2 65.4 98.2

154 80.8 55.4 83.2

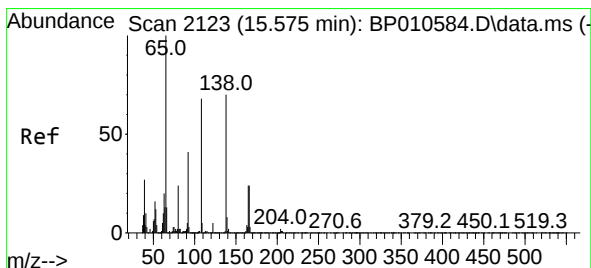
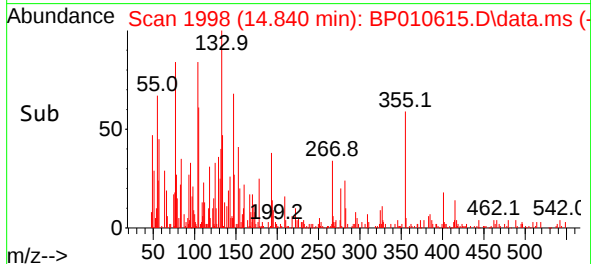
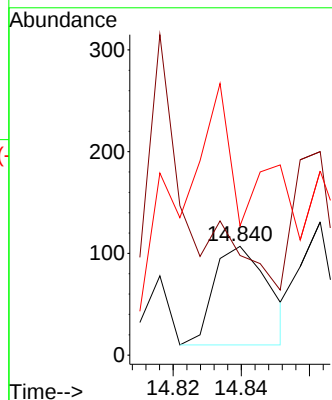
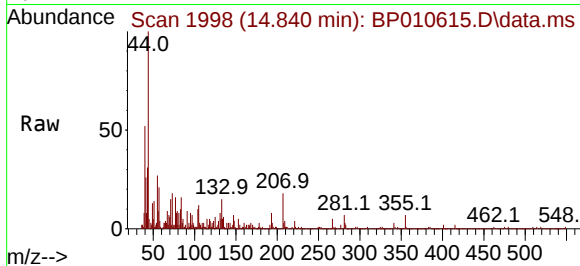




#56
4-Nitrophenol
Concen: 3.626 ng
RT: 14.840 min Scan# 1978
Delta R.T. 0.118 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

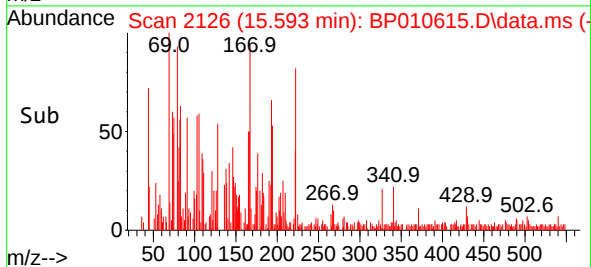
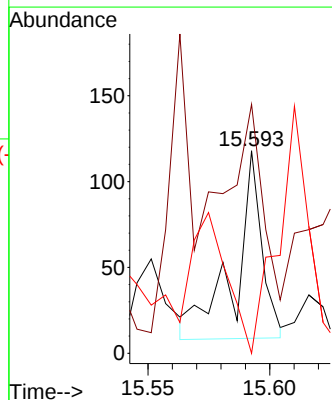
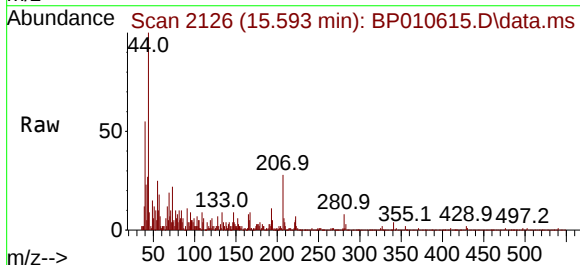
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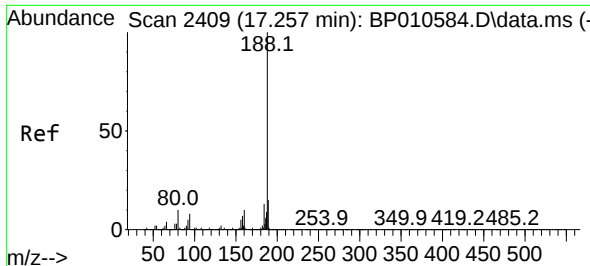
Tgt Ion:139 Resp: 108
Ion Ratio Lower Upper
139 100
109 91.6 70.6 110.6
65 118.7 106.6 146.6



#62
4-Nitroaniline
Concen: 2.151 ng
RT: 15.593 min Scan# 2126
Delta R.T. 0.018 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

Tgt Ion:138 Resp: 84
Ion Ratio Lower Upper
138 100
92 77.1 38.0 78.0
108 0.0 77.6 117.6#

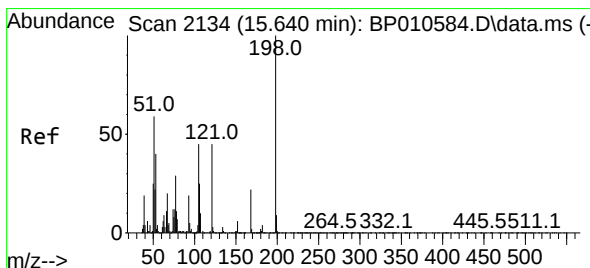
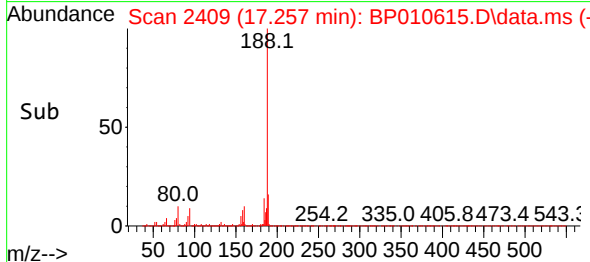
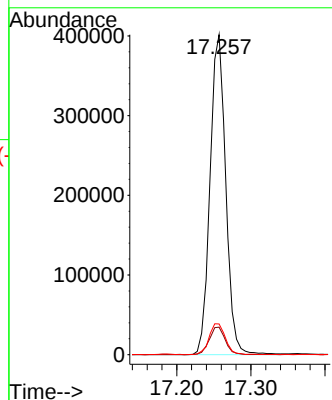
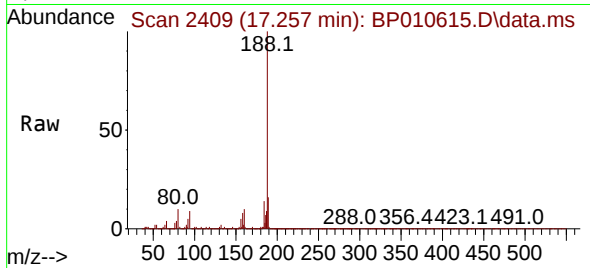




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

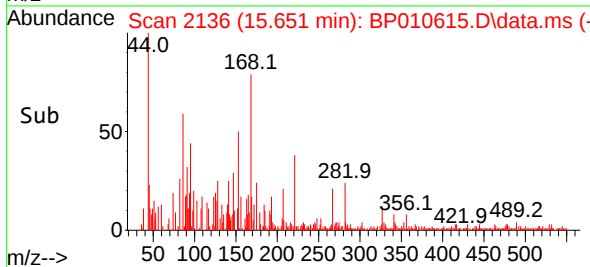
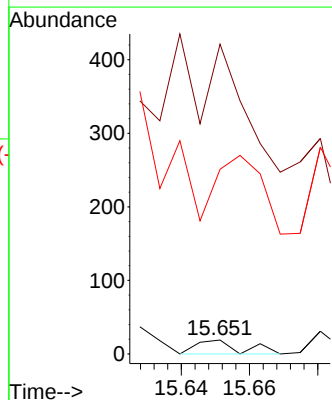
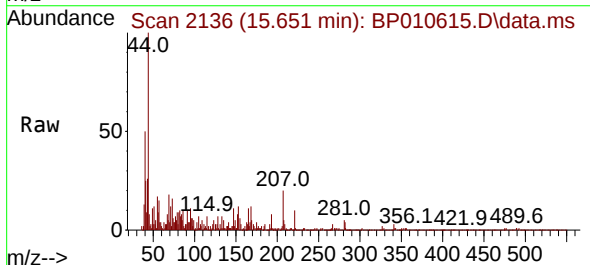
Instrument :
BNA_P
ClientSampleId :
SW-S-E3

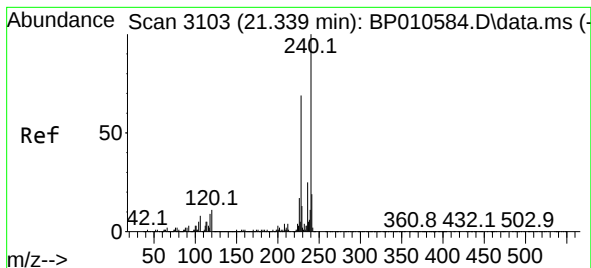
Tgt Ion:188 Resp: 590611
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.607 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.011 min
Lab File: BP010615.D
Acq: 29 May 2022 12:57

Tgt Ion:198 Resp: 17
Ion Ratio Lower Upper
198 100
51 2215.8 41.2 81.2#
105 1321.1 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: BP010615.D

Acq: 29 May 2022 12:57

Instrument :

BNA_P

ClientSampleId :

SW-S-E3

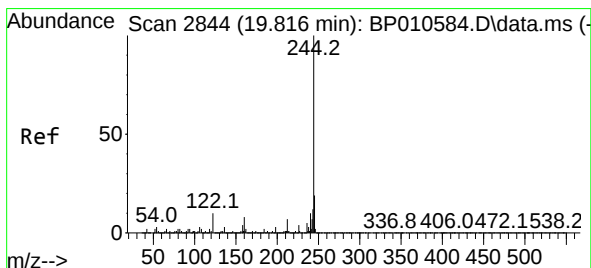
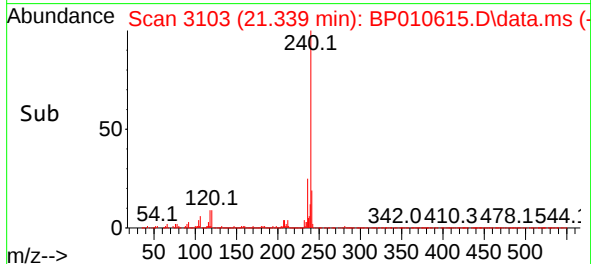
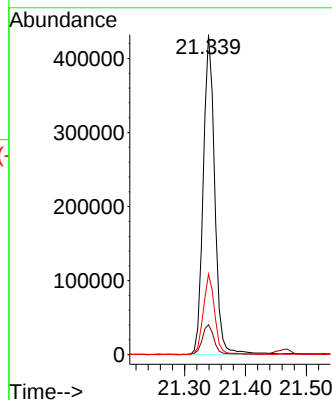
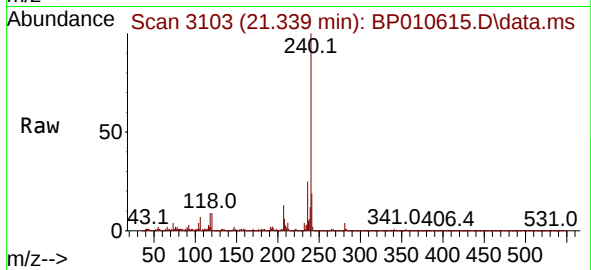
Tgt Ion:240 Resp: 568286

Ion Ratio Lower Upper

240 100

120 9.4 8.6 12.8

236 25.2 19.8 29.6



#79

Terphenyl-d14

Concen: 92.432 ng

RT: 19.816 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BP010615.D

Acq: 29 May 2022 12:57

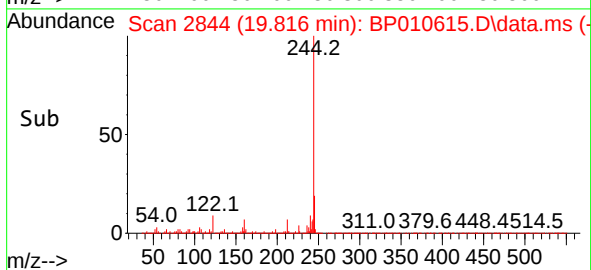
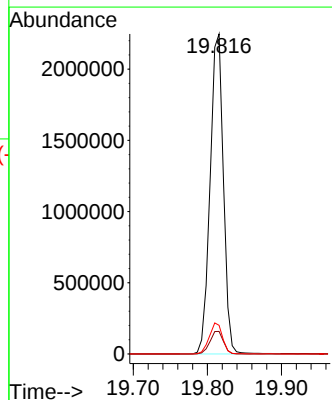
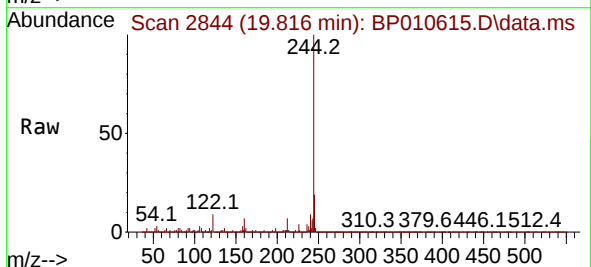
Tgt Ion:244 Resp: 2796563

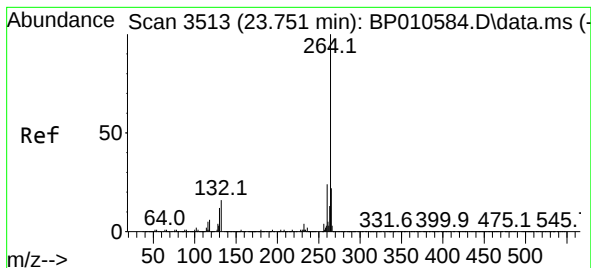
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.0 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: BP010615.D

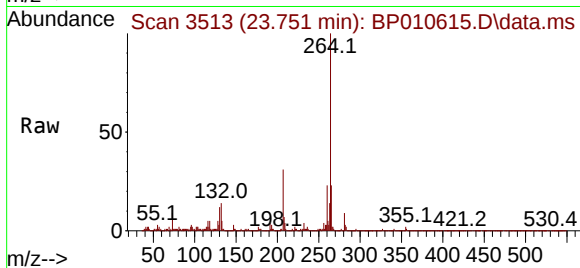
Acq: 29 May 2022 12:57

Instrument :

BNA_P

ClientSampleId :

SW-S-E3



Tgt Ion:264 Resp: 564918

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 22.5 18.0 27.0

