

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010658.D
 Acq On : 01 Jun 2022 18:57
 Operator : CG/JU
 Sample : N3076-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-671

Quant Time: Jun 02 10:06:10 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)

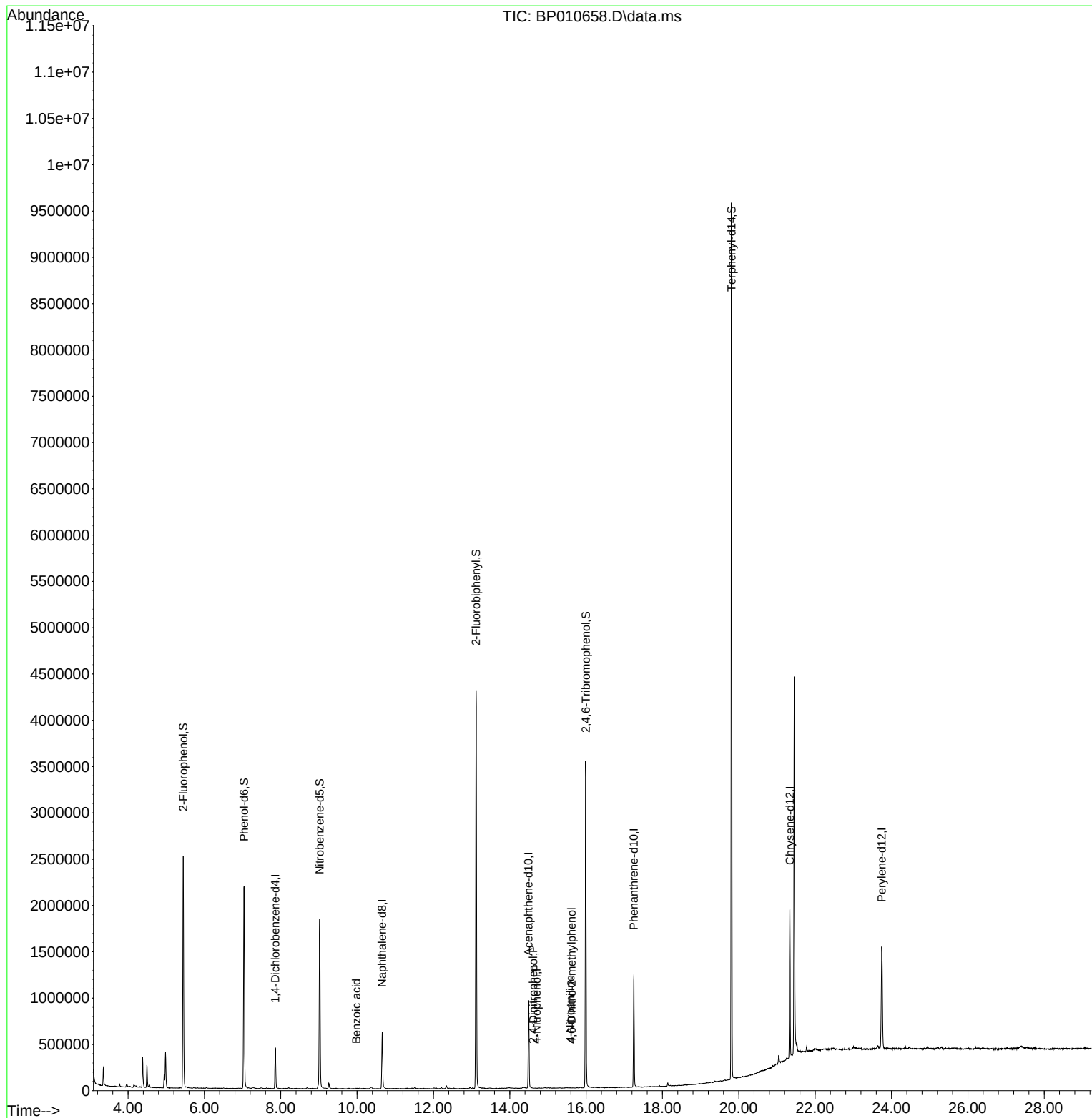
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	114733	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	492680	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	334012	20.000	ng	-0.01
64) Phenanthrene-d10	17.251	188	740940	20.000	ng	0.00
76) Chrysene-d12	21.339	240	814985	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	855840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	952890	151.514	ng	0.00
7) Phenol-d6	7.040	99	1189137	133.186	ng	0.00
23) Nitrobenzene-d5	9.022	82	1021755	98.049	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	632037	167.167	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	2203420	93.625	ng	-0.01
79) Terphenyl-d14	19.810	244	4255086	98.067	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	786	7.472	ng	97
54) 2,4-Dinitrophenol	14.616	184	13	6.649	ng	# 1
56) 4-Nitrophenol	14.704	139	37	3.605	ng	# 6
62) 4-Nitroaniline	15.587	138	147	2.159	ng	# 42
65) 4,6-Dinitro-2-methylph...	15.616	198	13	4.605	ng	# 1

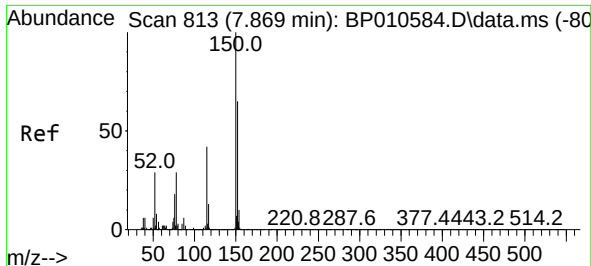
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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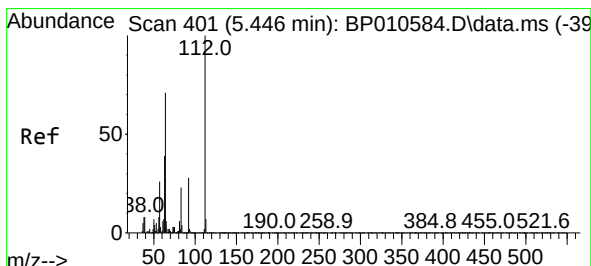
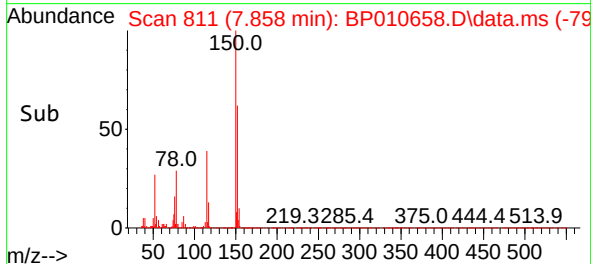
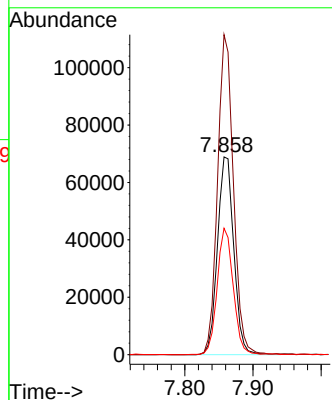
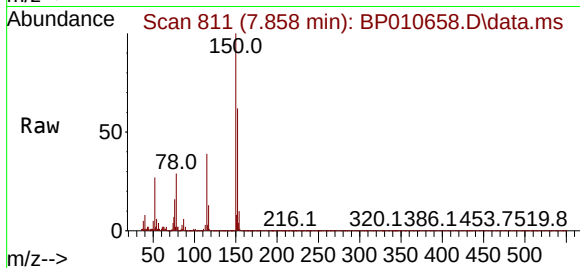




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.858 min Scan# 813
 Delta R.T. -0.011 min
 Lab File: BP010658.D
 Acq: 01 Jun 2022 18:57

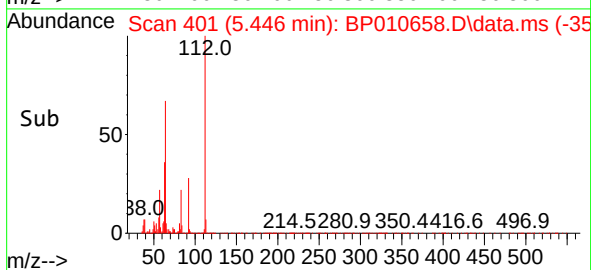
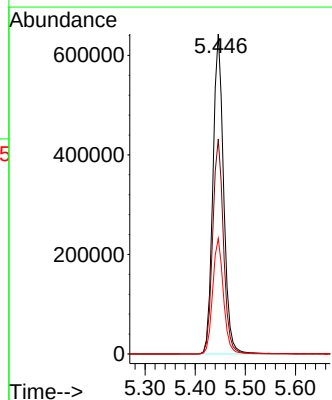
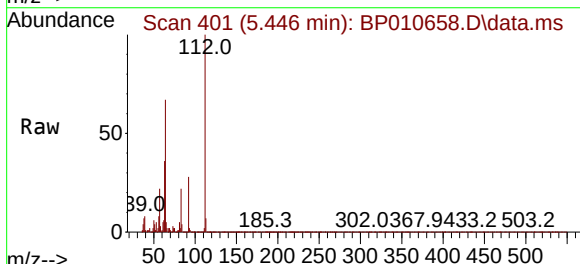
Instrument :
 BNA_P
 ClientSampleId :
 RBR-671

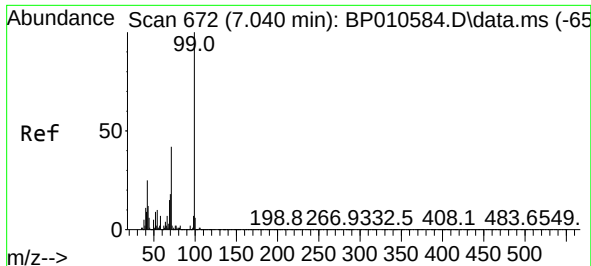
Tgt Ion:152 Resp: 114733
 Ion Ratio Lower Upper
 152 100
 150 161.8 123.4 185.2
 115 63.9 51.3 76.9



#5
 2-Fluorophenol
 Concen: 151.514 ng
 RT: 5.446 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: BP010658.D
 Acq: 01 Jun 2022 18:57

Tgt Ion:112 Resp: 952890
 Ion Ratio Lower Upper
 112 100
 64 67.2 56.9 85.3
 63 36.1 31.2 46.8

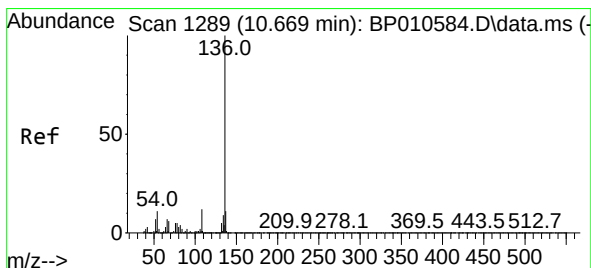
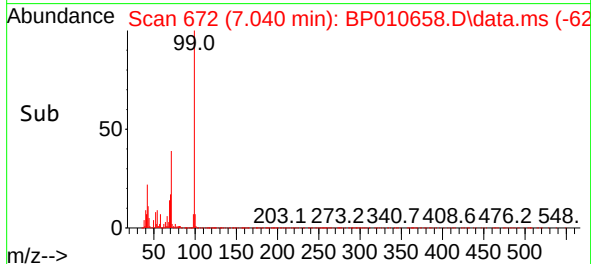
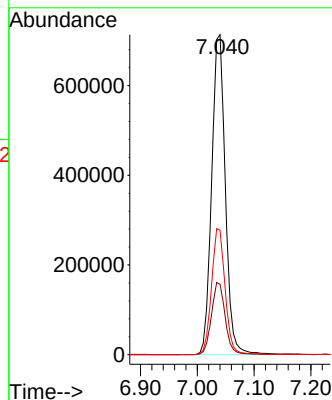
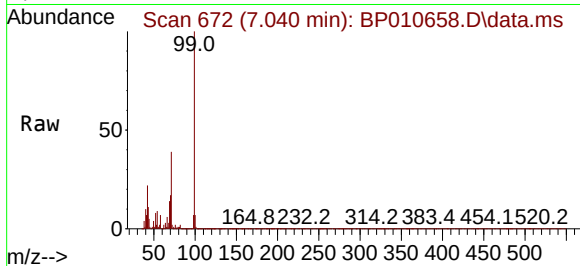




#7
Phenol-d6
Concen: 133.186 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

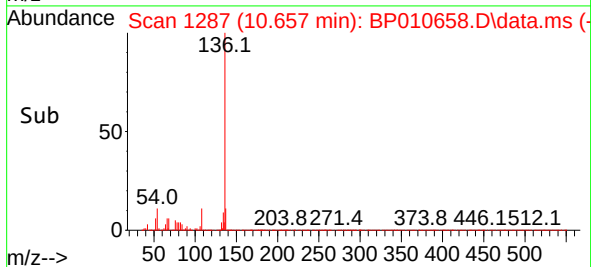
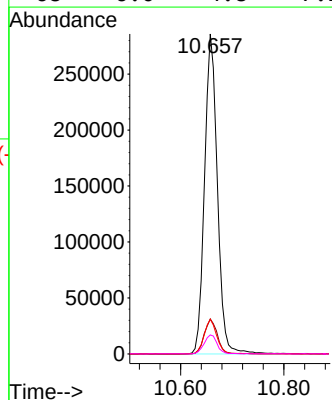
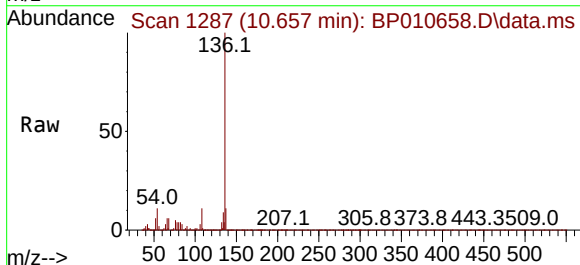
Instrument :
BNA_P
ClientSampleId :
RBR-671

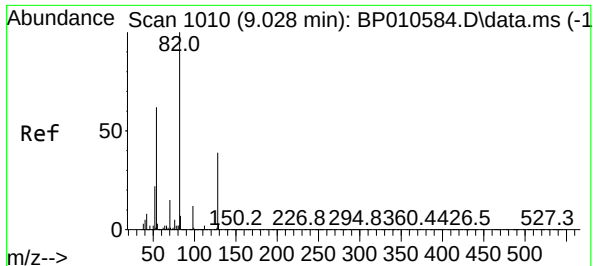
Tgt Ion: 99 Resp: 1189137
Ion Ratio Lower Upper
99 100
42 22.1 20.3 30.5
71 38.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

Tgt Ion:136 Resp: 492680
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.9 8.7 13.1
68 6.0 4.8 7.2

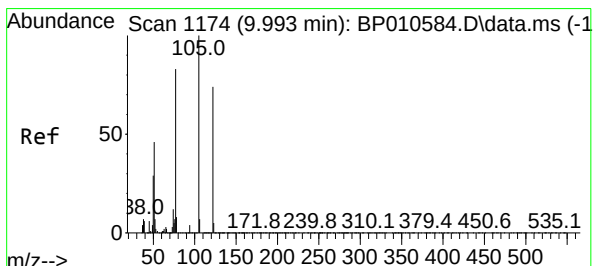
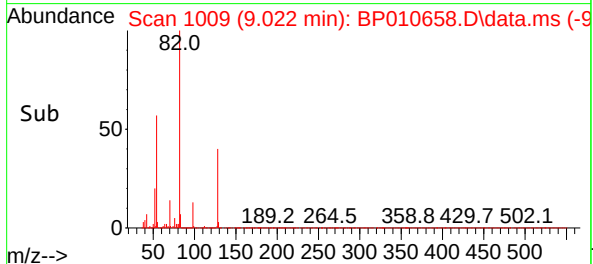
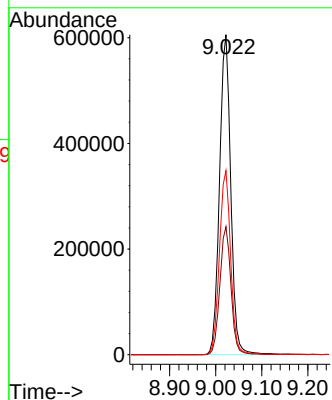
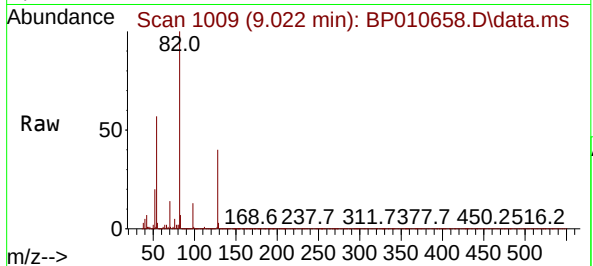




#23
Nitrobenzene-d5
Concen: 98.049 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

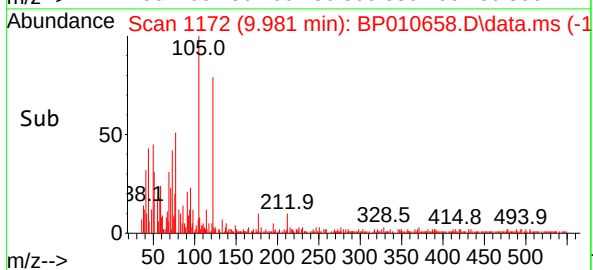
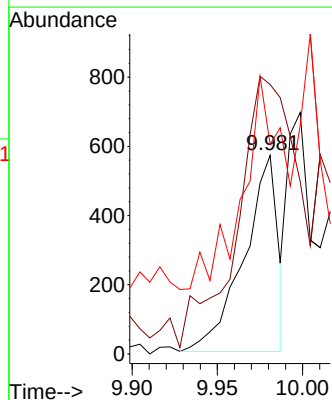
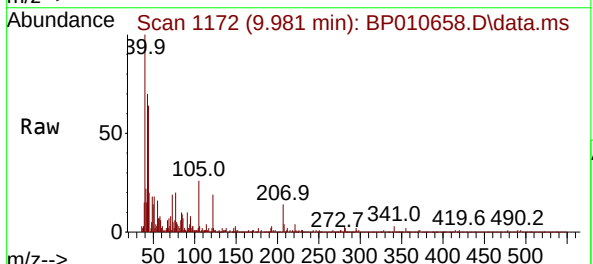
Instrument :
BNA_P
ClientSampleId :
RBR-671

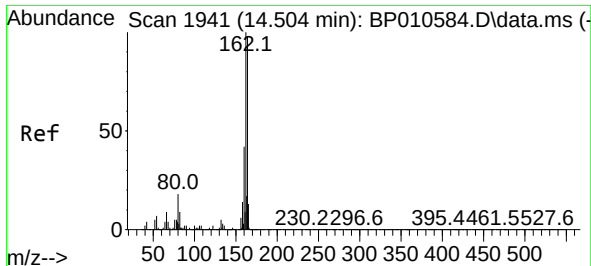
Tgt Ion: 82 Resp: 1021755
Ion Ratio Lower Upper
82 100
128 40.0 31.3 46.9
54 57.5 49.8 74.8



#32
Benzoic acid
Concen: 7.472 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

Tgt Ion:122 Resp: 786
Ion Ratio Lower Upper
122 100
105 135.7 112.6 152.6
77 105.6 90.2 130.2

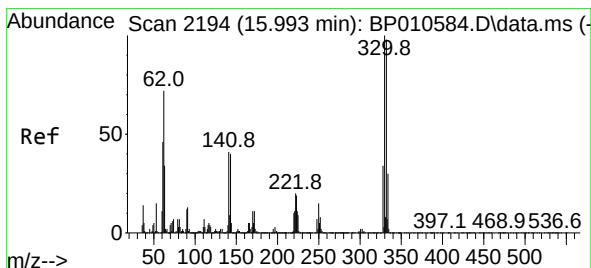
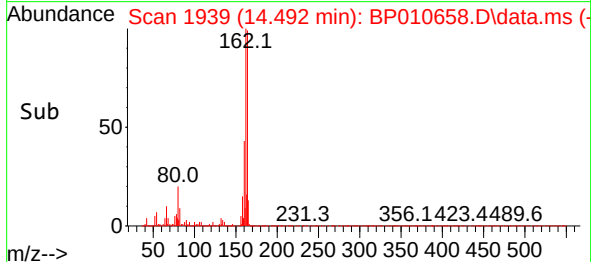
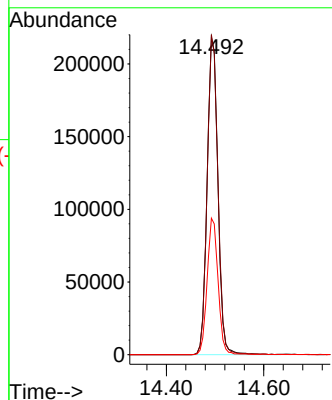
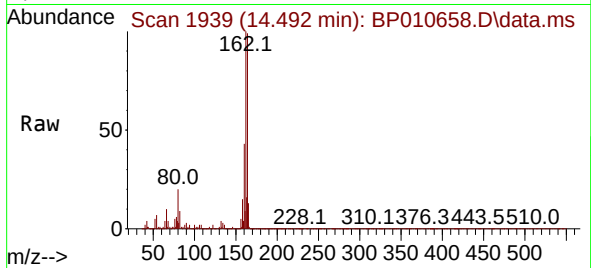




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

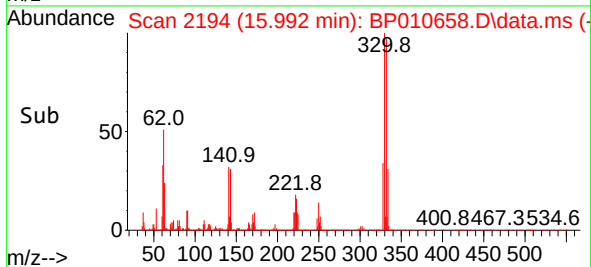
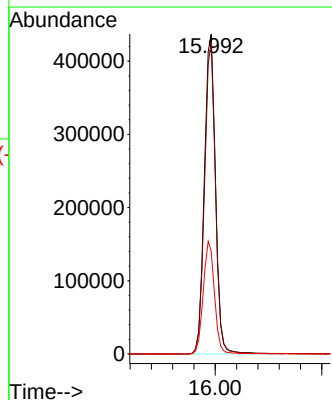
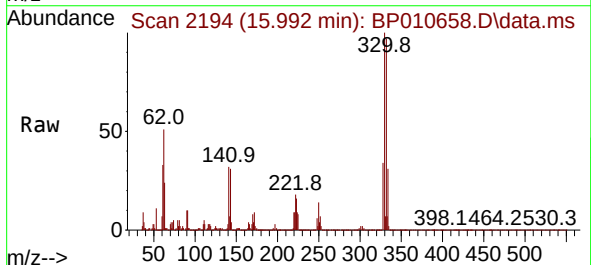
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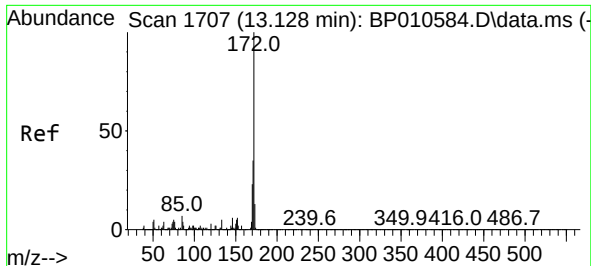
Tgt Ion:164 Resp: 334012
Ion Ratio Lower Upper
164 100
162 100.8 81.9 122.9
160 43.0 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 167.167 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

Tgt Ion:330 Resp: 632037
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 35.6 31.4 47.2

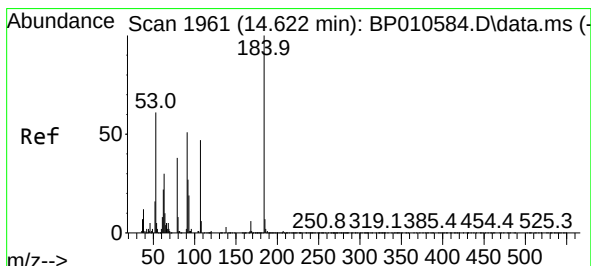
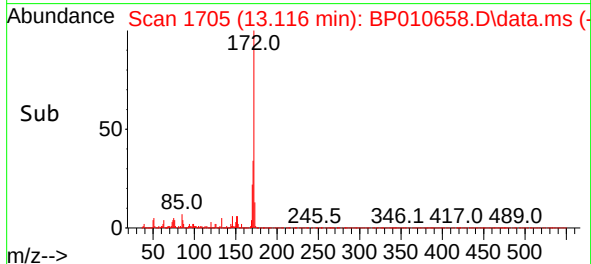
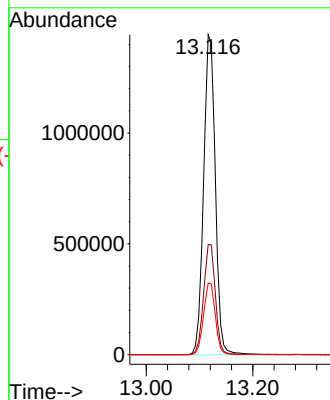
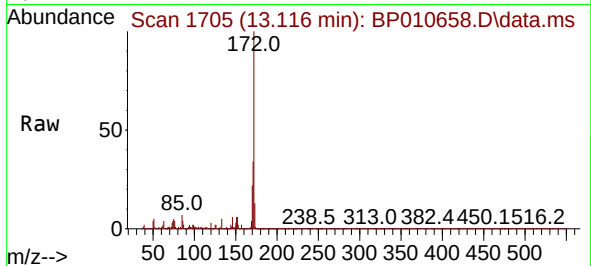




#45
2-Fluorobiphenyl
Concen: 93.625 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

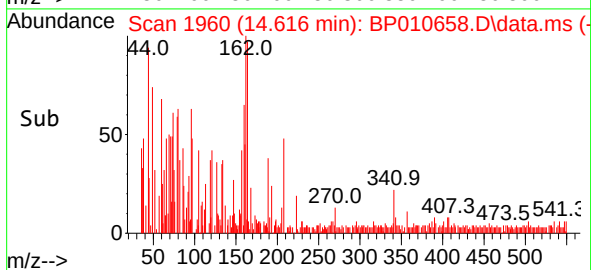
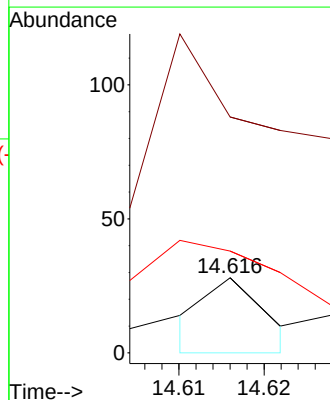
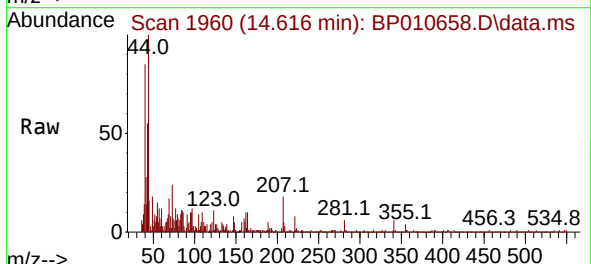
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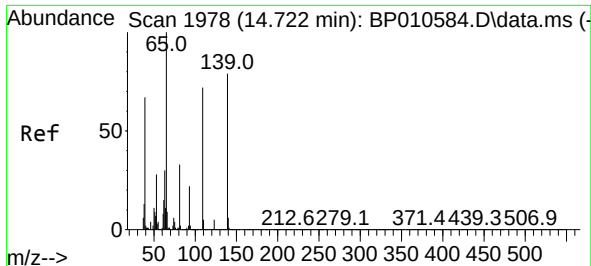
Tgt Ion:172 Resp: 2203420
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 22.4 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.649 ng
RT: 14.616 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 266.7 65.4 98.2#
154 115.2 55.4 83.2#

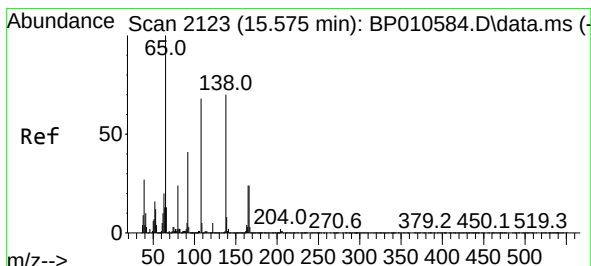
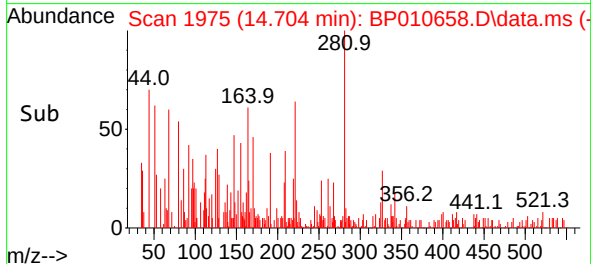
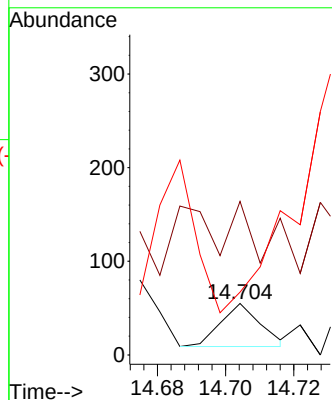
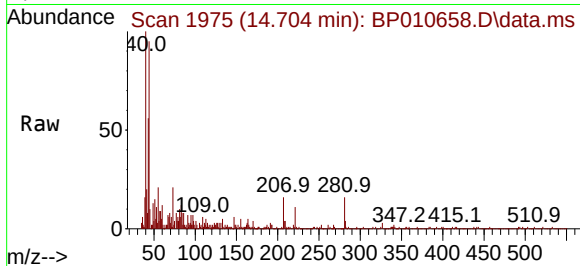




#56
4-Nitrophenol
Concen: 3.605 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.018 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

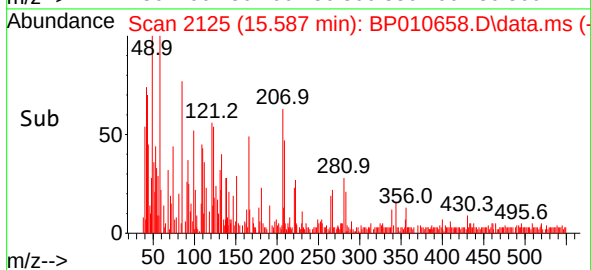
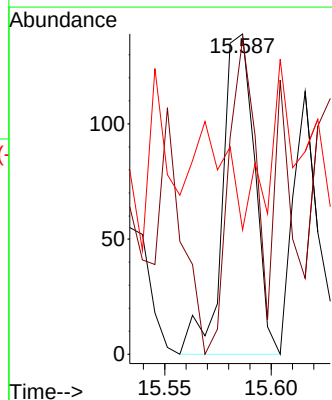
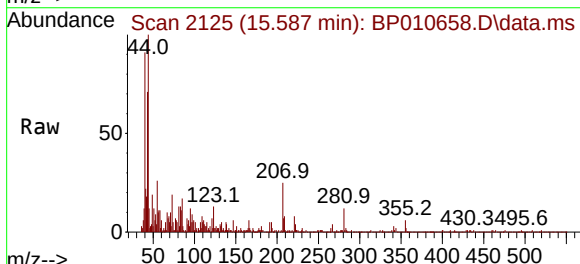
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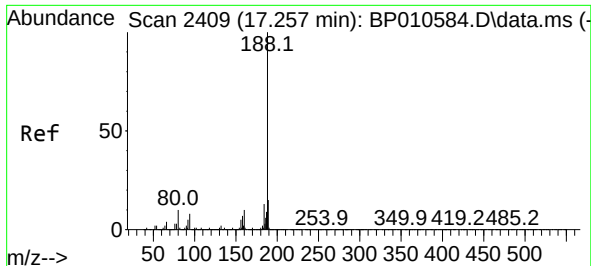
Tgt Ion:139 Resp: 37
Ion Ratio Lower Upper
139 100
109 298.2 70.6 110.6#
65 121.8 106.6 146.6



#62
4-Nitroaniline
Concen: 2.159 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.012 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

Tgt Ion:138 Resp: 147
Ion Ratio Lower Upper
138 100
92 98.6 38.0 78.0#
108 38.8 77.6 117.6#

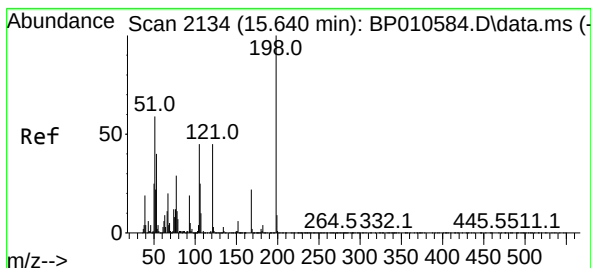
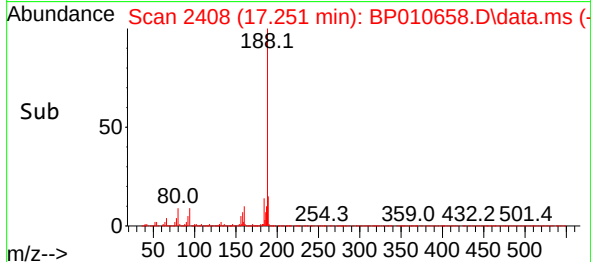
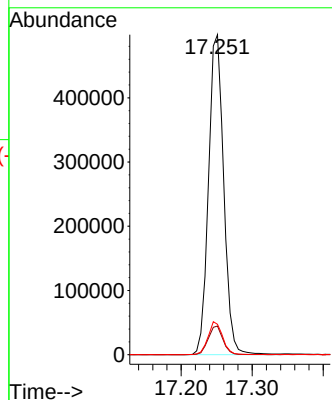
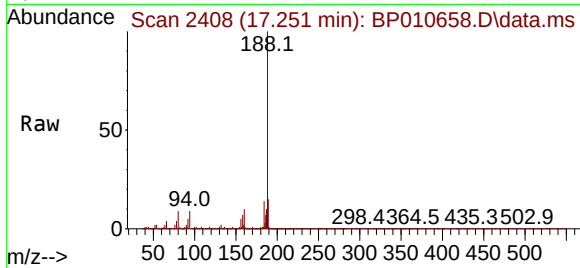




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

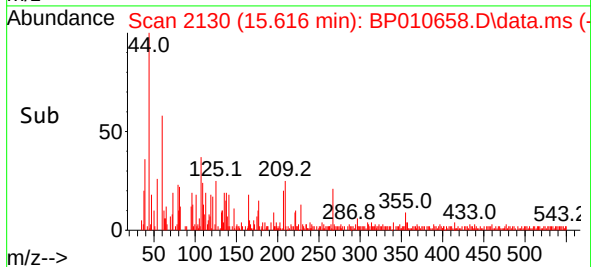
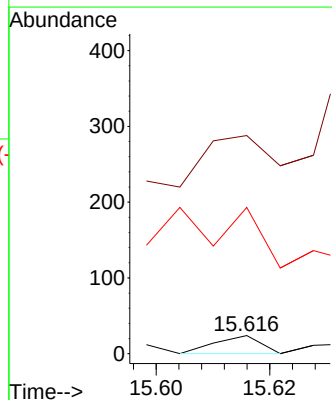
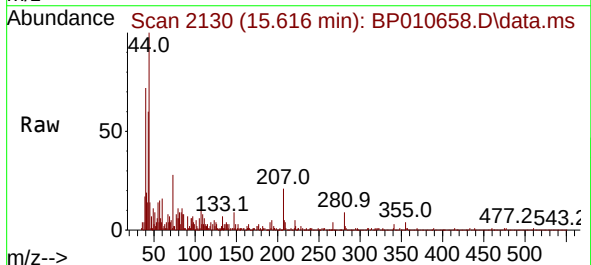
Instrument :
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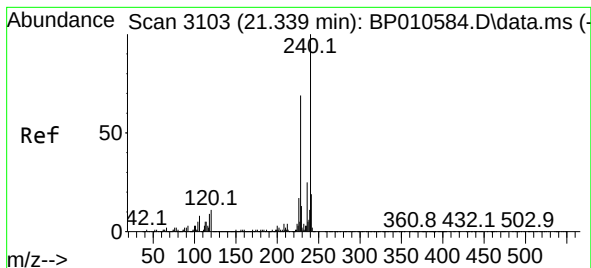
Tgt Ion:188 Resp: 740940
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.605 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.024 min
Lab File: BP010658.D
Acq: 01 Jun 2022 18:57

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 1200.0 41.2 81.2#
105 804.2 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP010658.D

Acq: 01 Jun 2022 18:57

Instrument :

BNA_P

ClientSampleId :

RBR-671

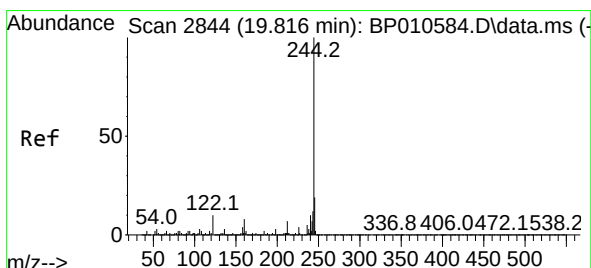
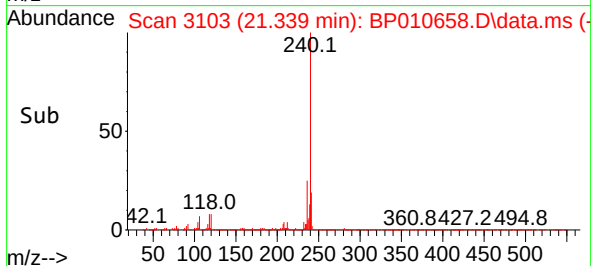
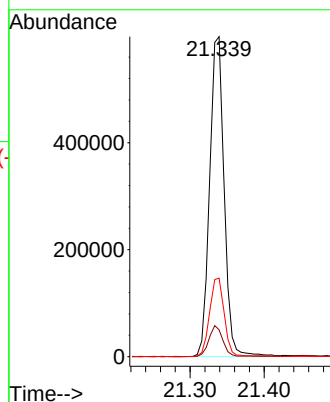
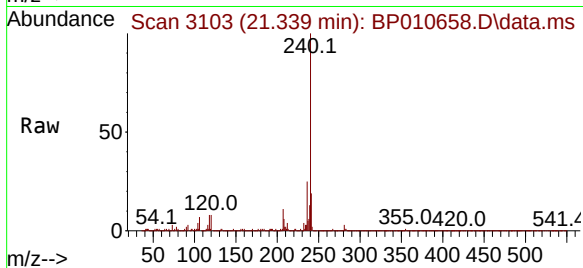
Tgt Ion:240 Resp: 814985

Ion Ratio Lower Upper

240 100

120 8.4 8.6 12.8#

236 24.5 19.8 29.6



#79

Terphenyl-d14

Concen: 98.067 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010658.D

Acq: 01 Jun 2022 18:57

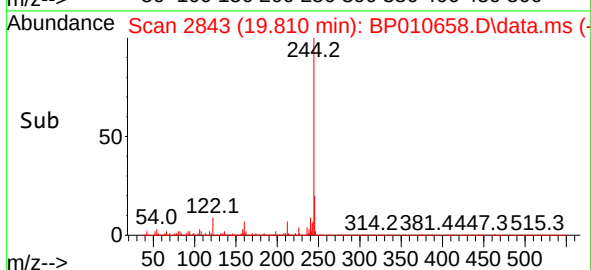
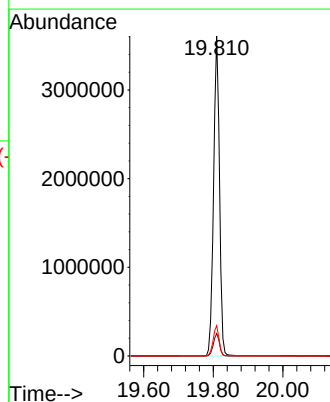
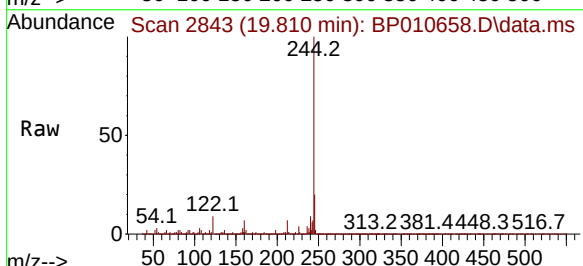
Tgt Ion:244 Resp: 4255086

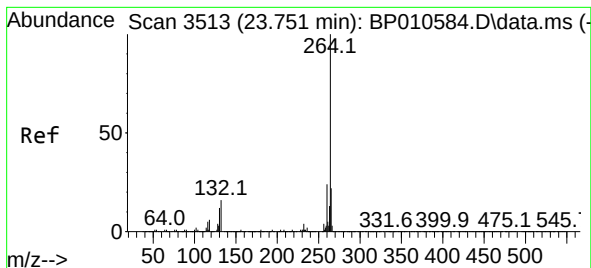
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.4 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP010658.D

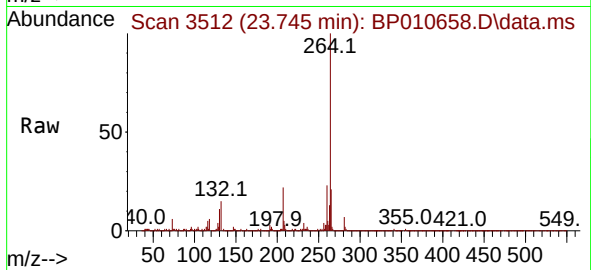
Acq: 01 Jun 2022 18:57

Instrument :

BNA_P

ClientSampleId :

RBR-671



Tgt Ion:264 Resp: 855840

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.4 18.0 27.0

