

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010674.D
 Acq On : 02 Jun 2022 16:48
 Operator : CG/JU
 Sample : N2984-16RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P021-SS001-0006-01

Quant Time: Jun 03 00:52:45 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)

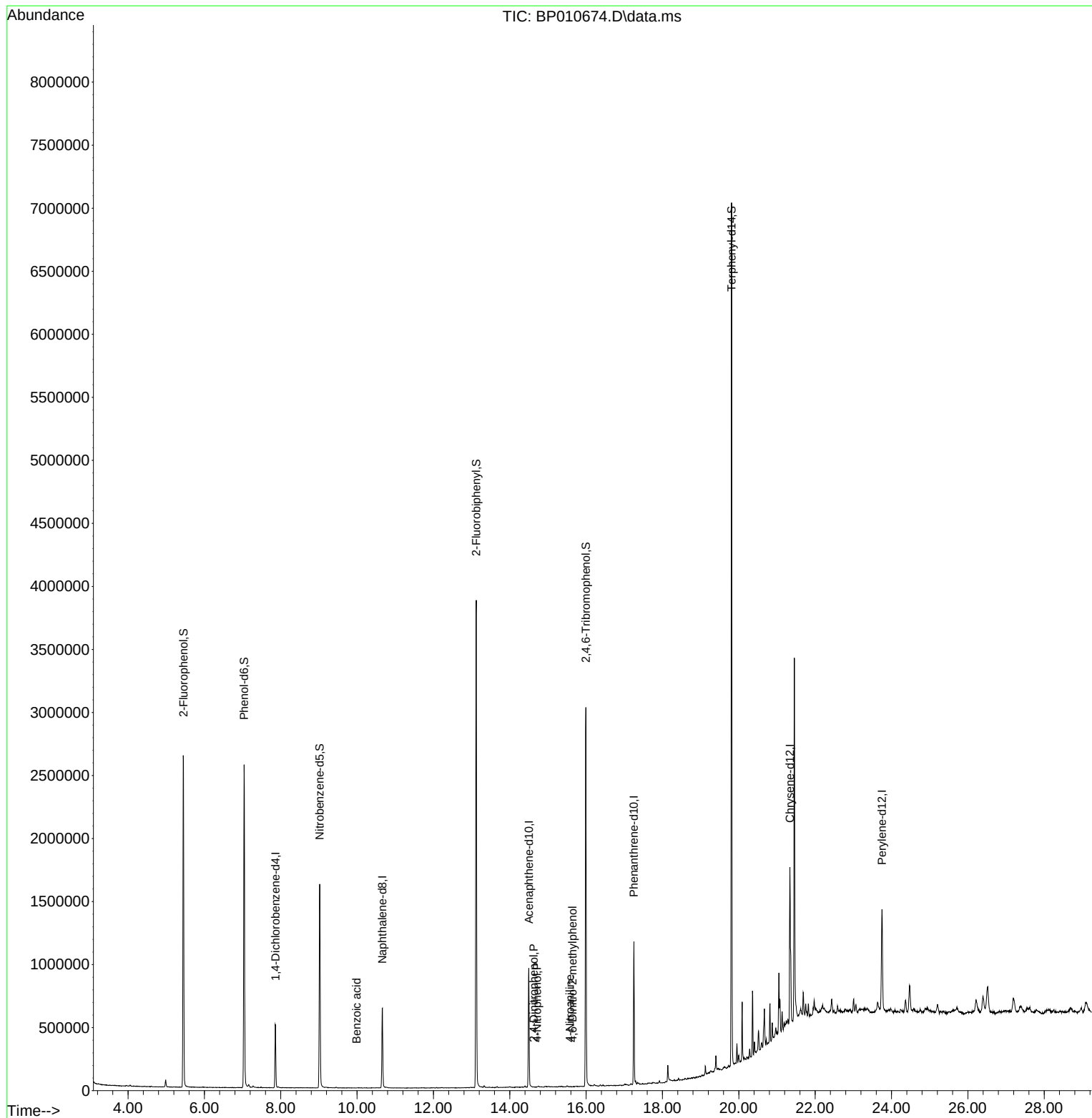
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	131838	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	524283	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	326854	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	666377	20.000	ng	0.00
76) Chrysene-d12	21.339	240	597561	20.000	ng	0.00
86) Perylene-d12	23.751	264	610303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1043885	144.448	ng	0.00
7) Phenol-d6	7.040	99	1383921	134.892	ng	0.00
23) Nitrobenzene-d5	9.022	82	933528	84.183	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	564023	152.445	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1962090	85.196	ng	0.00
79) Terphenyl-d14	19.810	244	3020878	94.955	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	110	7.343	ng	# 1
54) 2,4-Dinitrophenol	14.628	184	23	6.653	ng	# 1
56) 4-Nitrophenol	14.716	139	96	3.619	ng	# 76
62) 4-Nitroaniline	15.575	138	54	2.143	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.645	198	49	4.613	ng	# 1

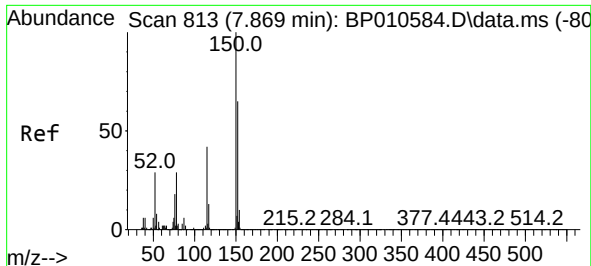
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

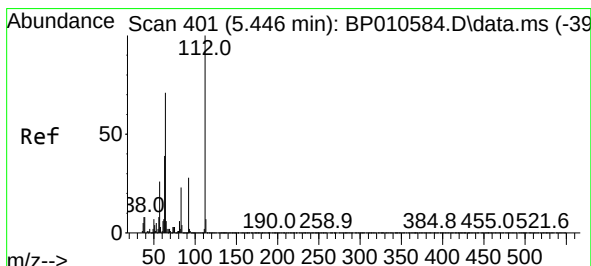
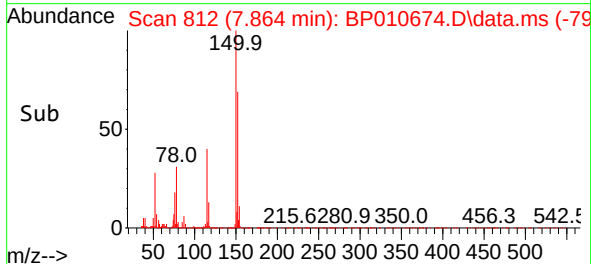
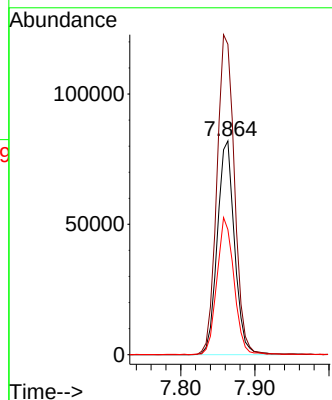
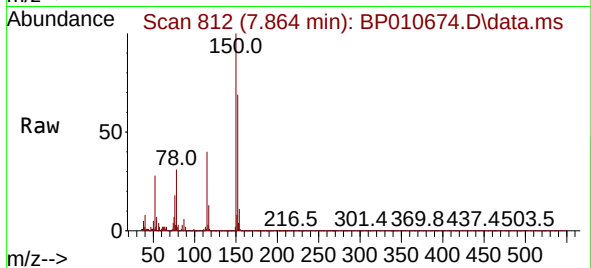




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

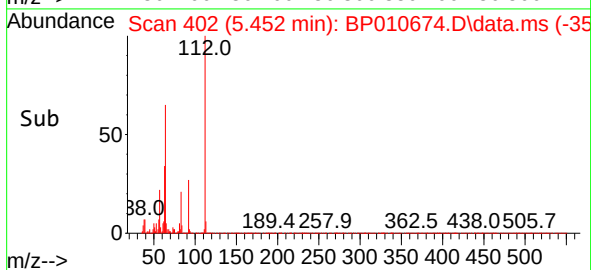
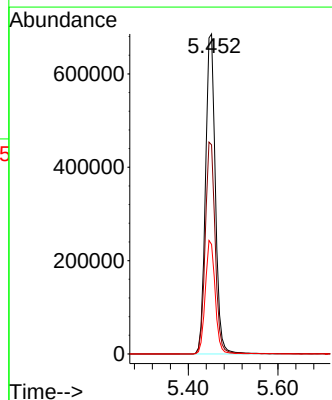
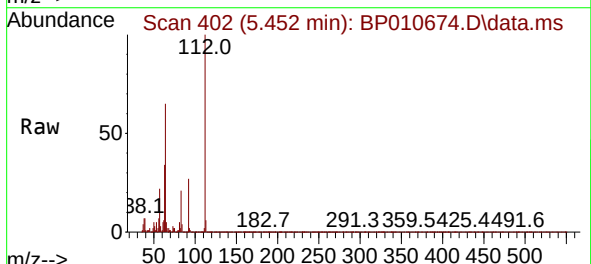
Instrument :
BNA_P
ClientSampleId :
P021-SS001-0006-01

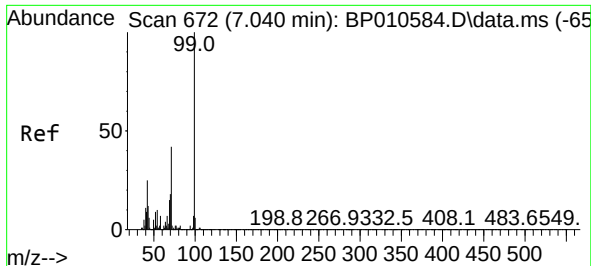
Tgt Ion:152 Resp: 131838
Ion Ratio Lower Upper
152 100
150 145.3 123.4 185.2
115 58.6 51.3 76.9



#5
2-Fluorophenol
Concen: 144.448 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

Tgt Ion:112 Resp: 1043885
Ion Ratio Lower Upper
112 100
64 65.4 56.9 85.3
63 34.3 31.2 46.8

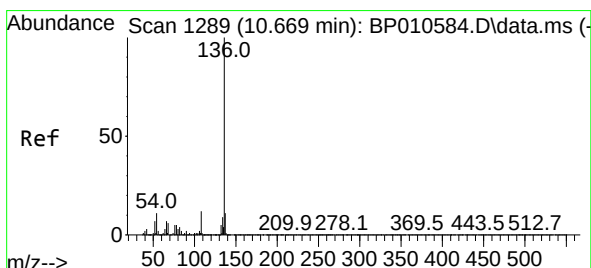
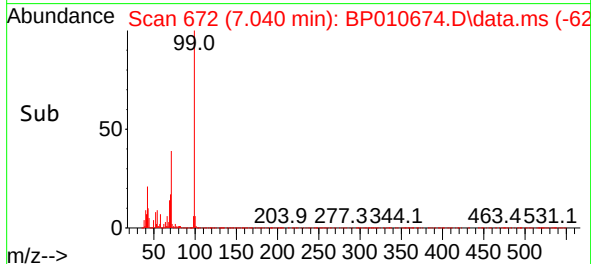
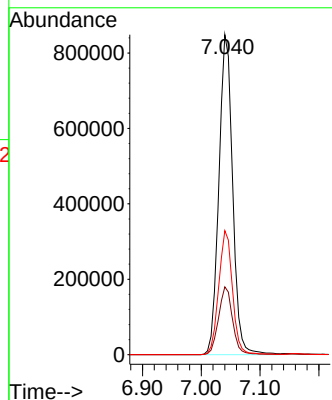
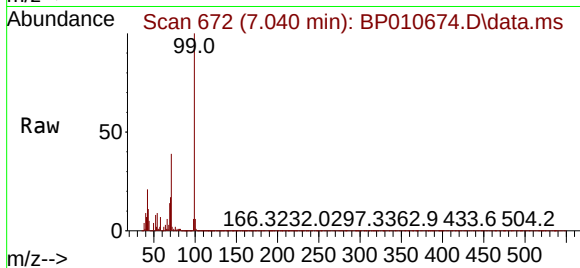




#7
Phenol-d6
Concen: 134.892 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

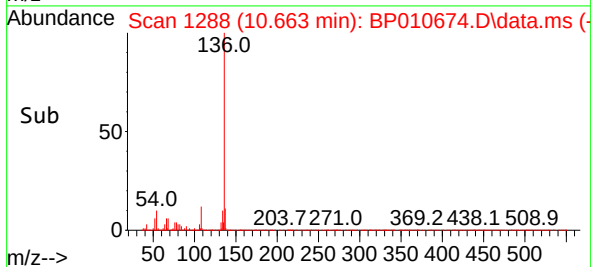
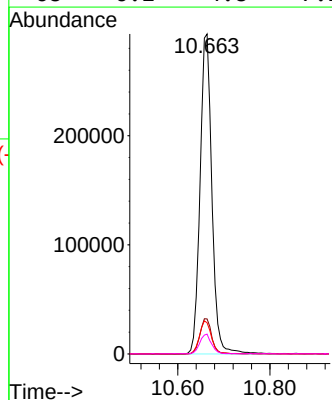
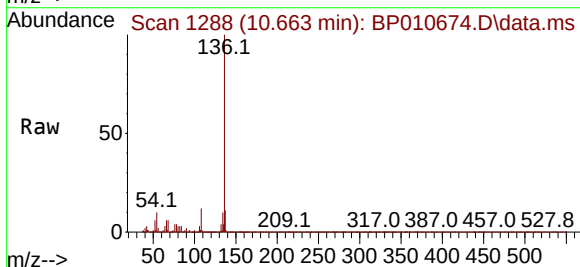
Instrument :
BNA_P
ClientSampleId :
P021-SS001-0006-01

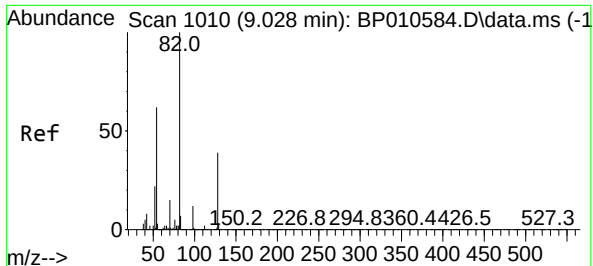
Tgt Ion: 99 Resp: 1383921
Ion Ratio Lower Upper
99 100
42 21.2 20.3 30.5
71 38.8 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

Tgt Ion:136 Resp: 524283
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.7 8.7 13.1
68 6.2 4.8 7.2

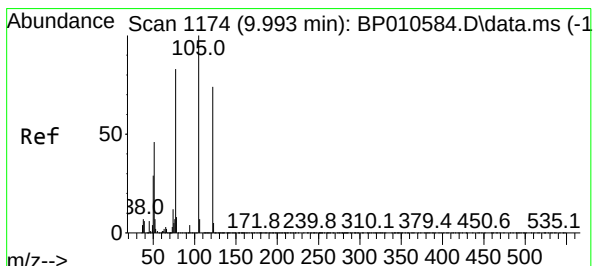
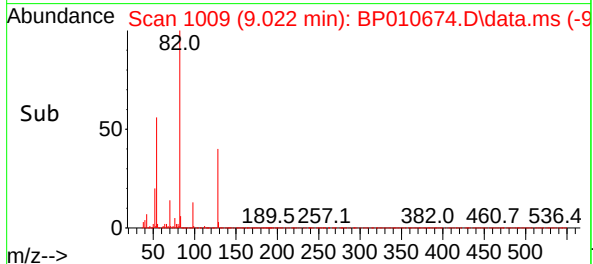
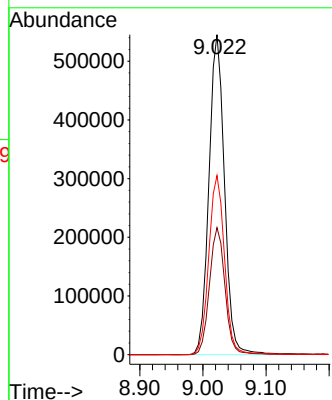
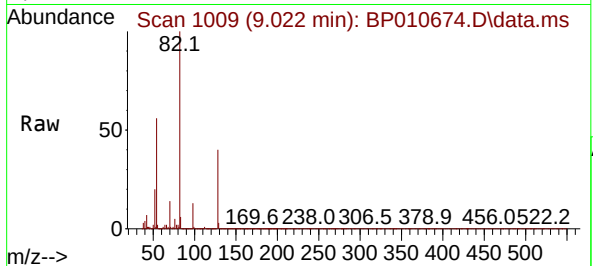




#23
Nitrobenzene-d5
Concen: 84.183 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

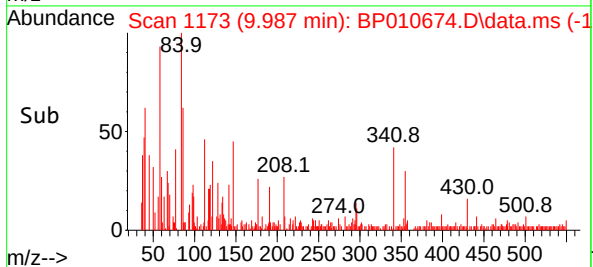
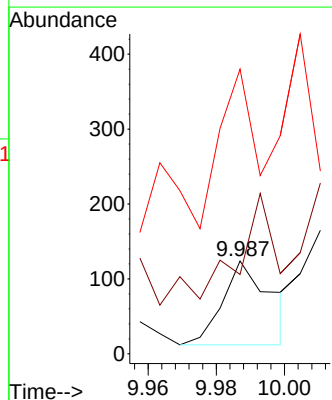
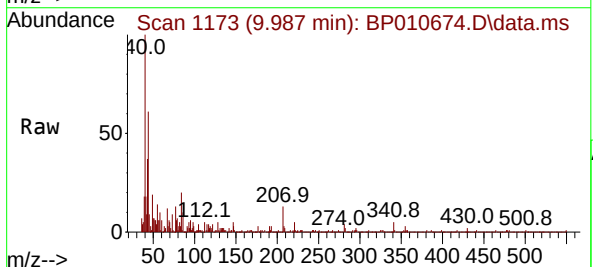
Instrument :
BNA_P
ClientSampleId :
P021-SS001-0006-01

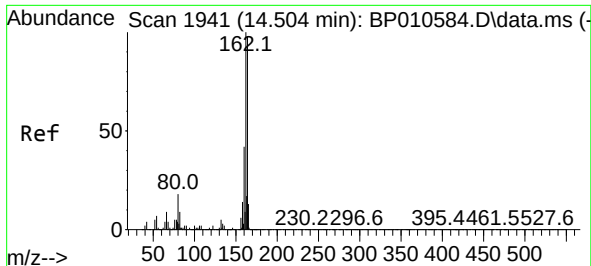
Tgt Ion: 82 Resp: 933528
Ion Ratio Lower Upper
82 100
128 39.7 31.3 46.9
54 56.0 49.8 74.8



#32
Benzoic acid
Concen: 7.343 ng
RT: 9.987 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

Tgt Ion:122 Resp: 110
Ion Ratio Lower Upper
122 100
105 85.5 112.6 152.6#
77 306.5 90.2 130.2#

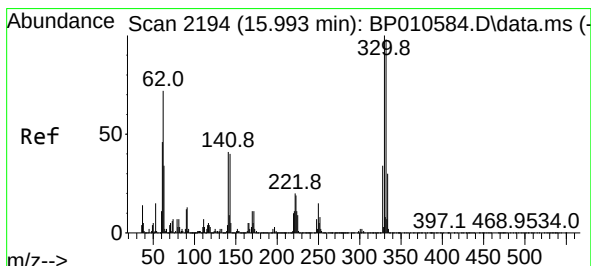
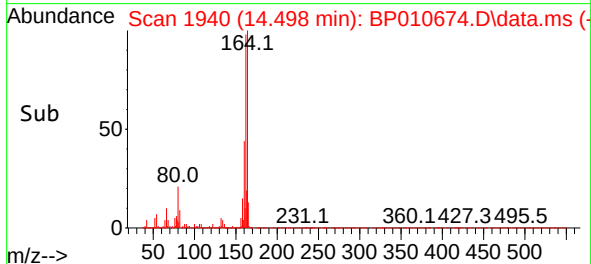
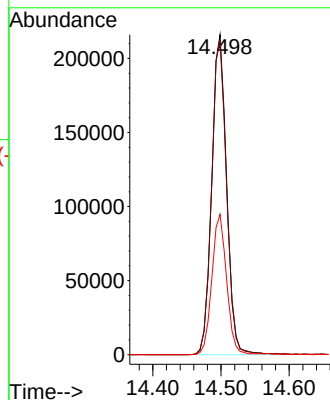
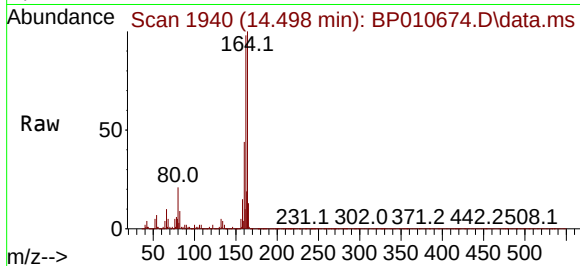




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

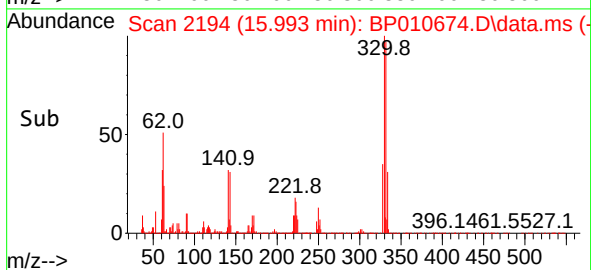
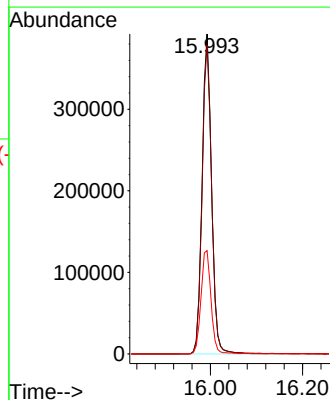
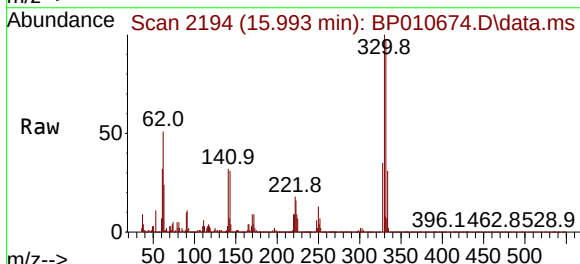
Instrument :
BNA_P
ClientSampleId :
P021-SS001-0006-01

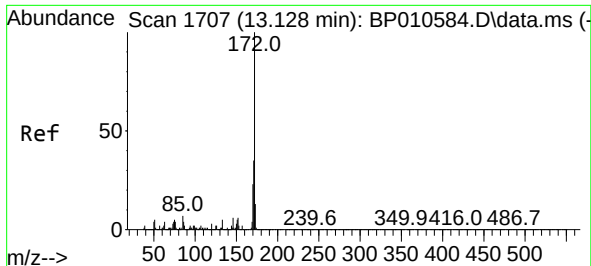
Tgt Ion:164 Resp: 326854
Ion Ratio Lower Upper
164 100
162 98.0 81.9 122.9
160 43.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 152.445 ng
RT: 15.993 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

Tgt Ion:330 Resp: 564023
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 33.8 31.4 47.2

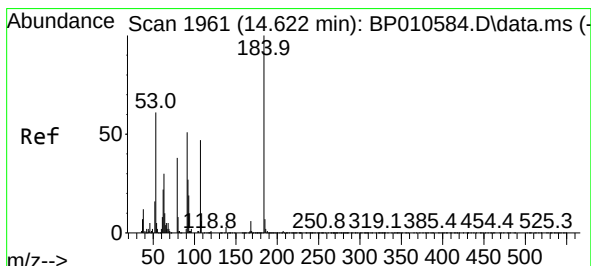
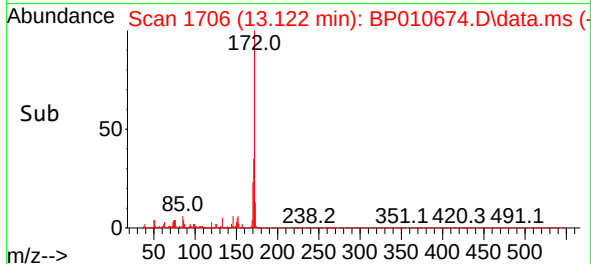
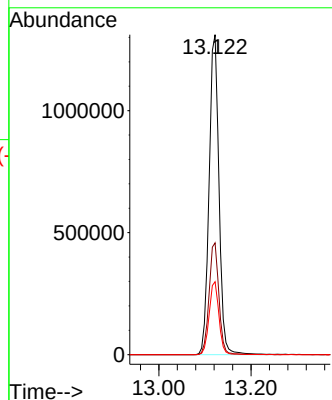
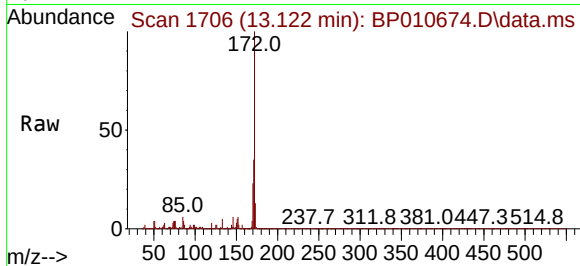




#45
2-Fluorobiphenyl
Concen: 85.196 ng
RT: 13.122 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

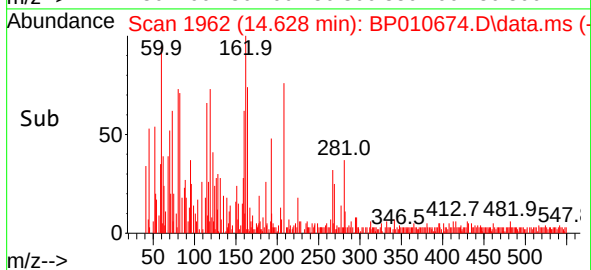
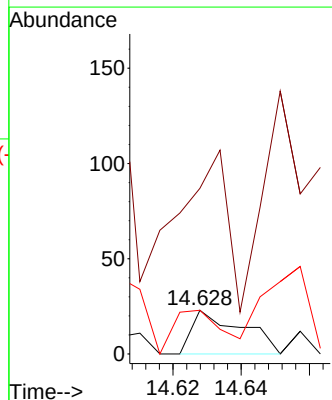
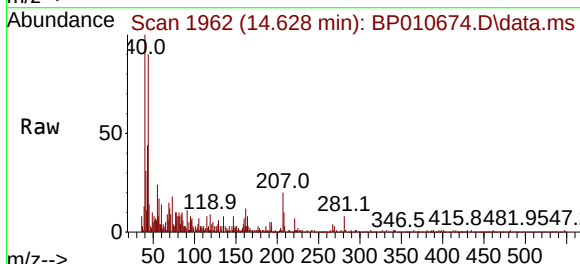
Instrument :
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ClientSampleId :
P021-SS001-0006-01

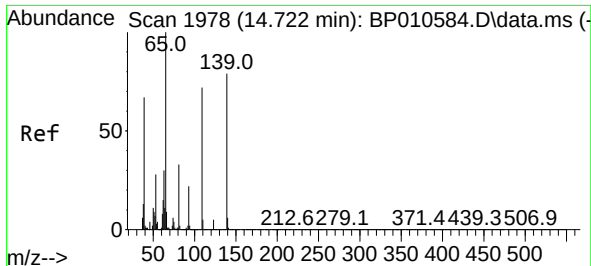
Tgt Ion:172 Resp: 1962090
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 22.8 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.653 ng
RT: 14.628 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 378.3 65.4 98.2#
154 100.0 55.4 83.2#

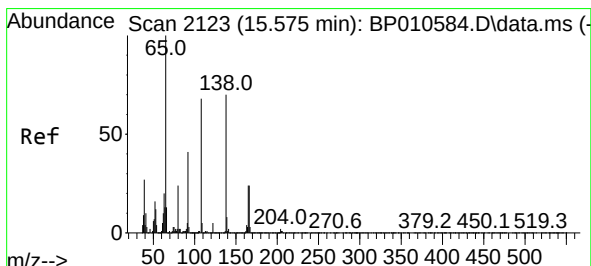
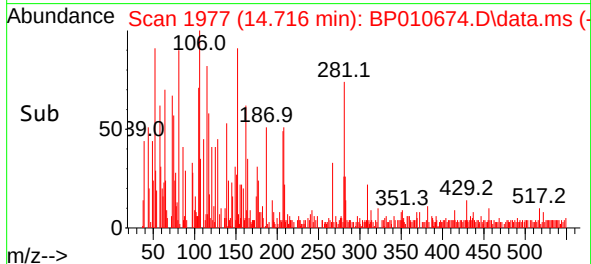
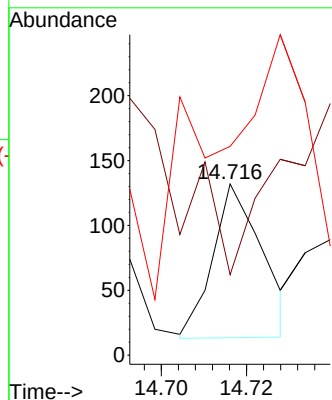
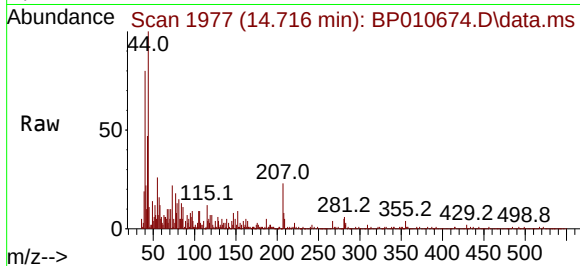




#56
4-Nitrophenol
Concen: 3.619 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

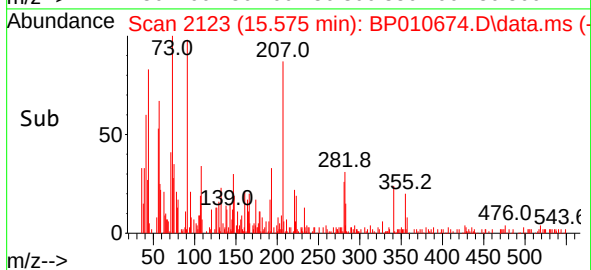
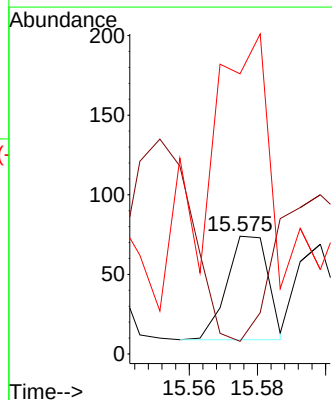
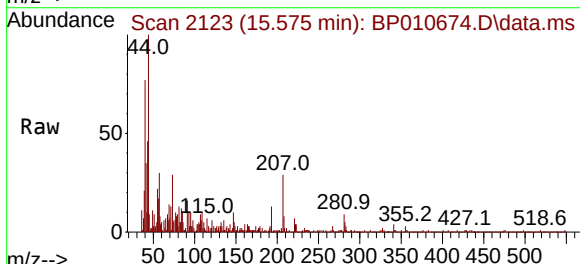
Instrument :
BNA_P
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P021-SS001-0006-01

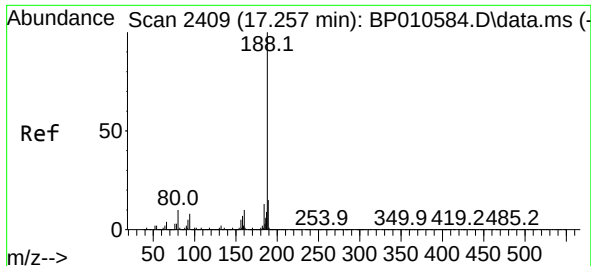
Tgt Ion:139 Resp: 96
Ion Ratio Lower Upper
139 100
109 45.6 70.6 110.6#
65 118.4 106.6 146.6



#62
4-Nitroaniline
Concen: 2.143 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
92 10.8 38.0 78.0#
108 237.8 77.6 117.6#

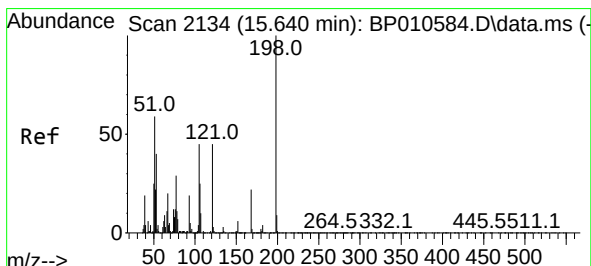
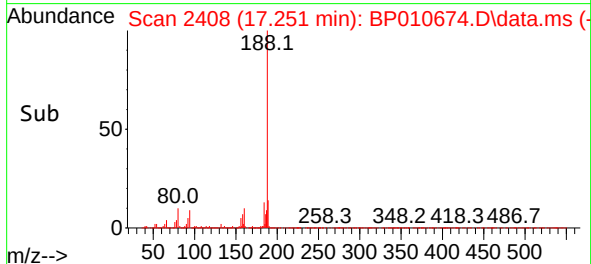
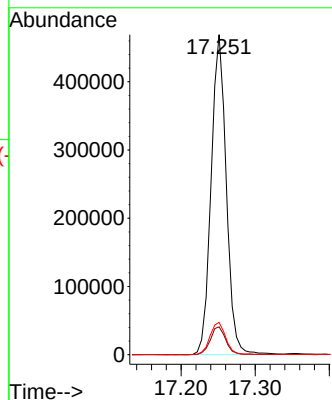
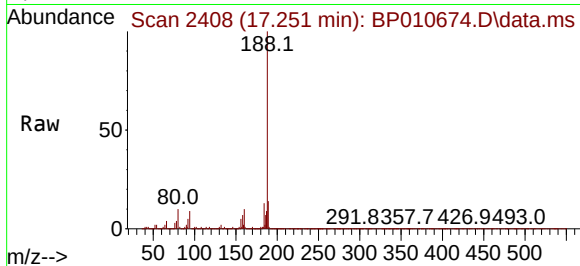




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

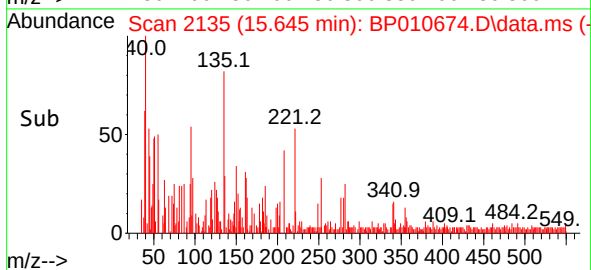
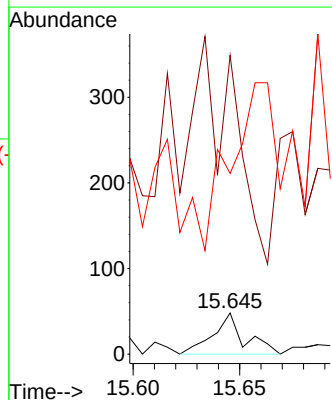
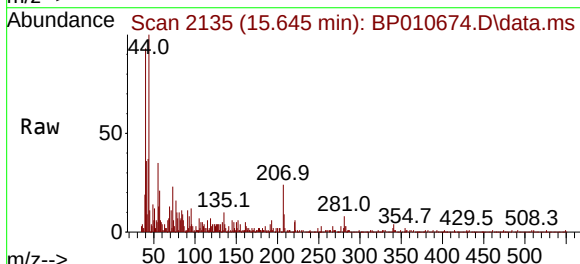
Instrument :
BNA_P
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P021-SS001-0006-01

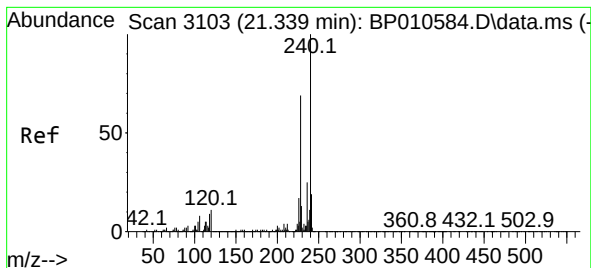
Tgt Ion:188 Resp: 666377
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.613 ng
RT: 15.645 min Scan# 2135
Delta R.T. 0.005 min
Lab File: BP010674.D
Acq: 02 Jun 2022 16:48

Tgt Ion:198 Resp: 49
Ion Ratio Lower Upper
198 100
51 727.1 41.2 81.2#
105 439.6 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: BP010674.D

Acq: 02 Jun 2022 16:48

Instrument :

BNA_P

ClientSampleId :

P021-SS001-0006-01

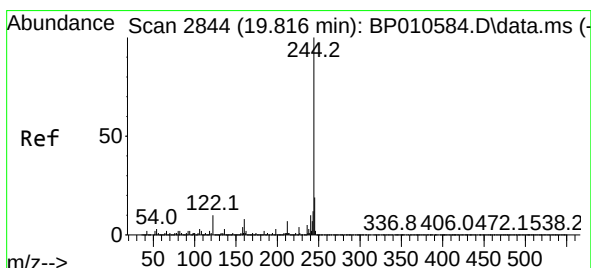
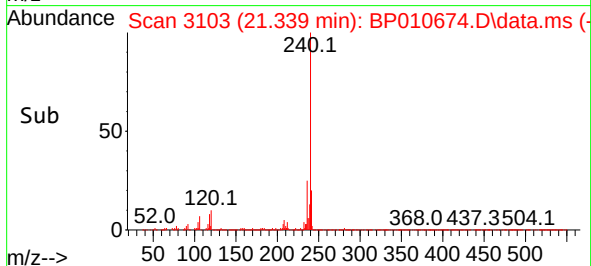
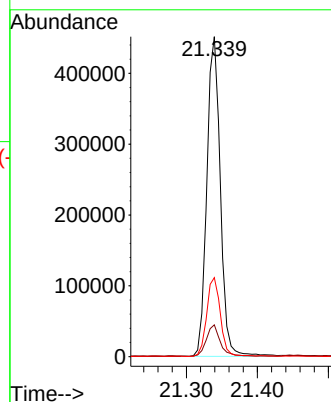
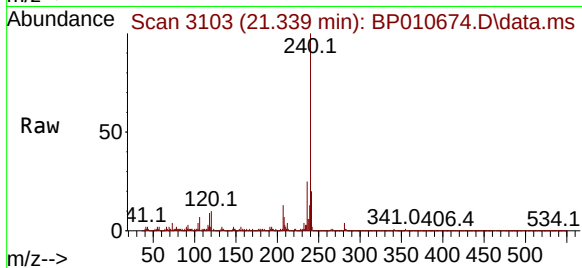
Tgt Ion:240 Resp: 597561

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 24.7 19.8 29.6



#79

Terphenyl-d14

Concen: 94.955 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010674.D

Acq: 02 Jun 2022 16:48

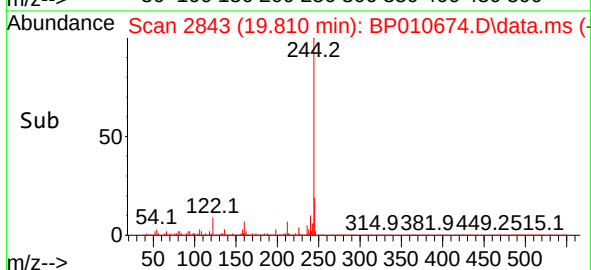
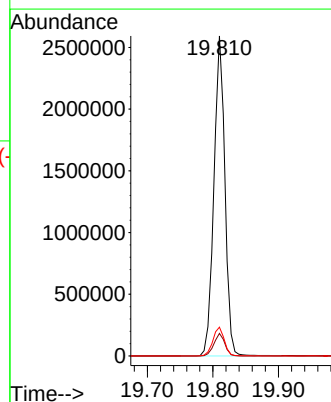
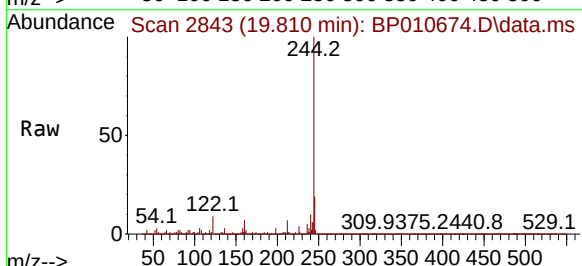
Tgt Ion:244 Resp: 3020878

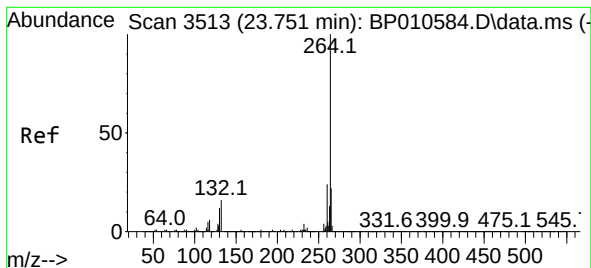
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.0 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP010674.D

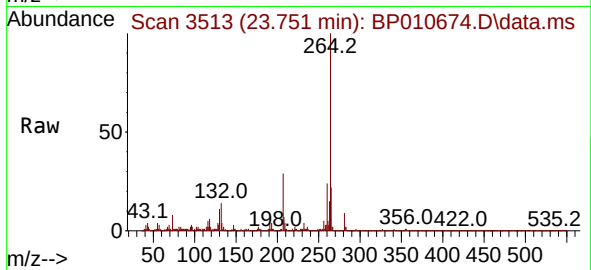
Acq: 02 Jun 2022 16:48

Instrument :

BNA_P

ClientSampleId :

P021-SS001-0006-01



Tgt Ion:264 Resp: 610303

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.4 18.0 27.0

