

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010683.D
 Acq On : 02 Jun 2022 21:55
 Operator : CG/JU
 Sample : N2987-06 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P034-SS001-0006-01

Quant Time: Jun 03 00:54:37 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)

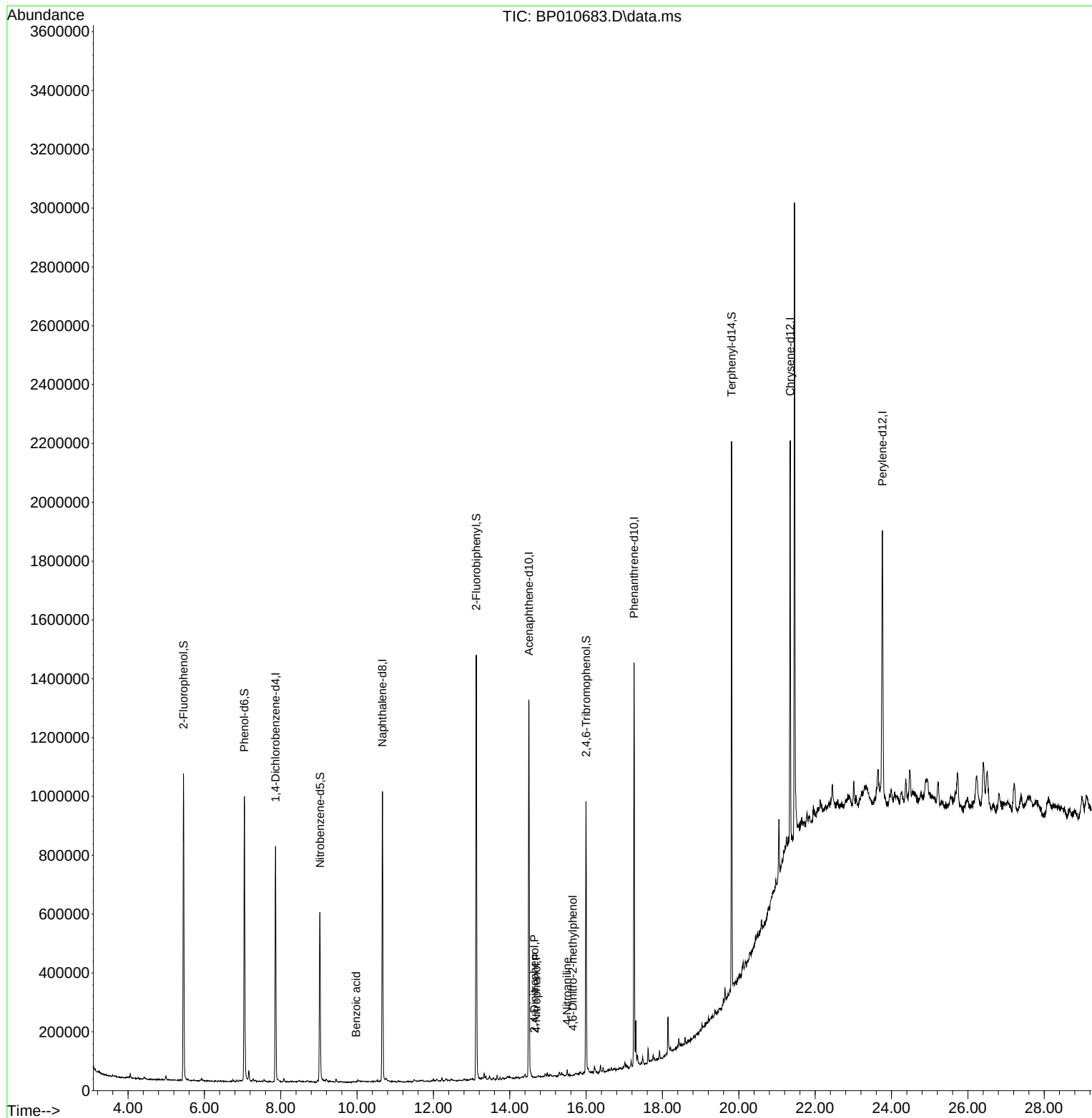
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	205047	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	790849	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	442191	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	807544	20.000	ng	0.00
76) Chrysene-d12	21.345	240	670234	20.000	ng	0.00
86) Perylene-d12	23.763	264	703814	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	413704	36.807	ng	0.00
7) Phenol-d6	7.046	99	545672	34.197	ng	0.00
23) Nitrobenzene-d5	9.028	82	349378	20.886	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	170290	34.021	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	735289	23.600	ng	0.00
79) Terphenyl-d14	19.810	244	860426	24.113	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.975	122	423	7.373	ng	89
54) 2,4-Dinitrophenol	14.645	184	10	6.648	ng	# 1
56) 4-Nitrophenol	14.698	139	169	3.626	ng	# 56
62) 4-Nitroaniline	15.504	138	439	2.192	ng	88
65) 4,6-Dinitro-2-methylph...	15.651	198	33	4.608	ng	# 1

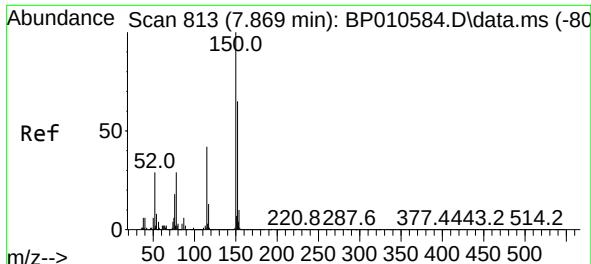
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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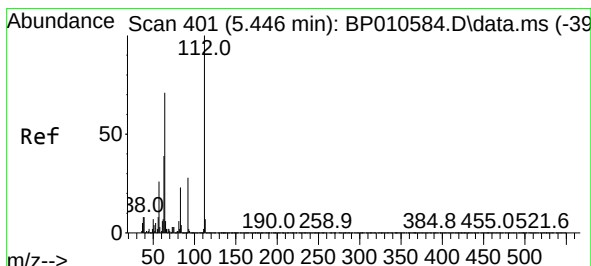
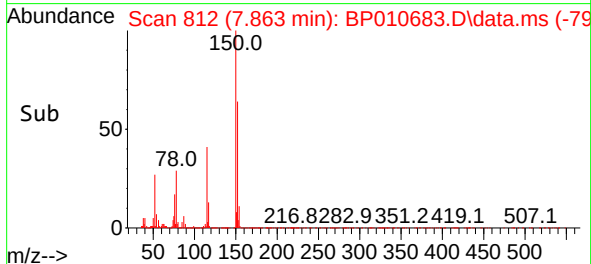
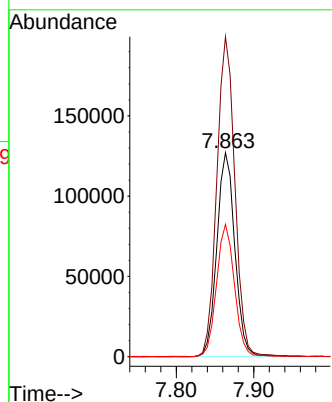
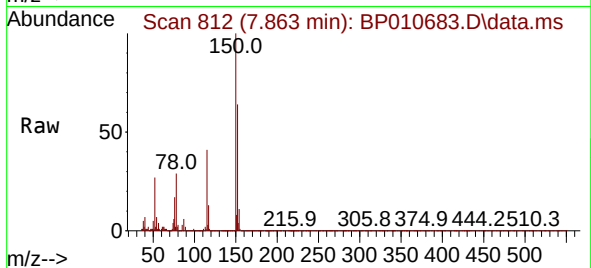




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

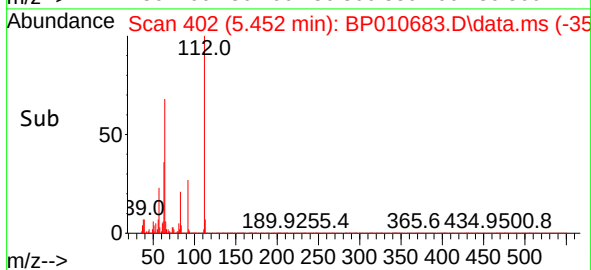
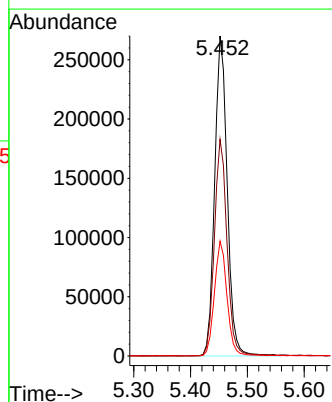
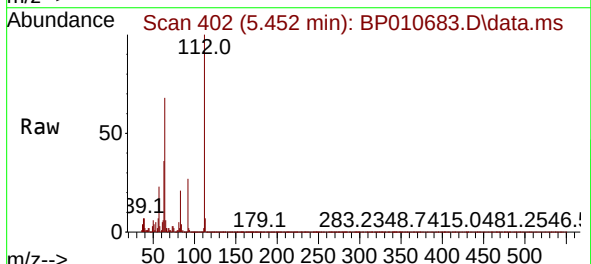
Instrument :
BNA_P
ClientSampleId :
P034-SS001-0006-01

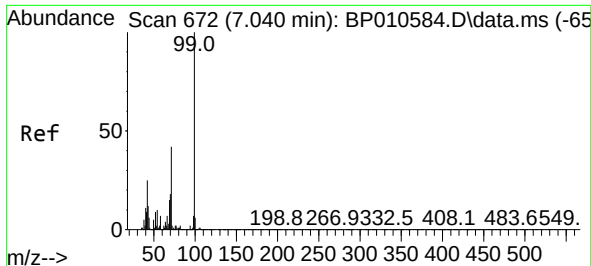
Tgt Ion:152 Resp: 205047
Ion Ratio Lower Upper
152 100
150 156.8 123.4 185.2
115 64.9 51.3 76.9



#5
2-Fluorophenol
Concen: 36.807 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

Tgt Ion:112 Resp: 413704
Ion Ratio Lower Upper
112 100
64 67.7 56.9 85.3
63 35.9 31.2 46.8

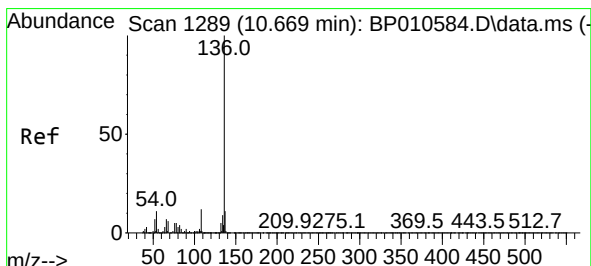
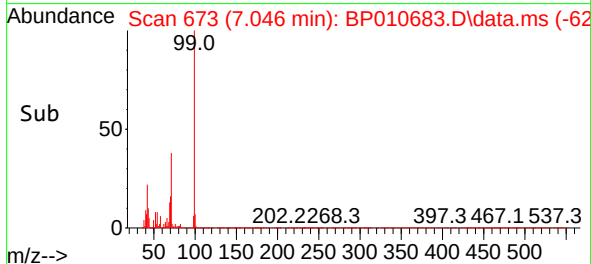
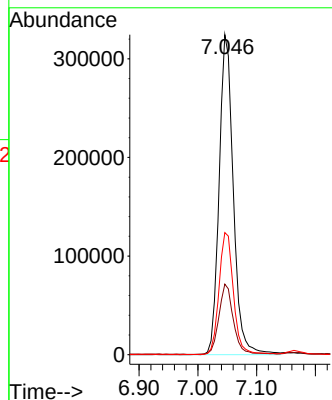
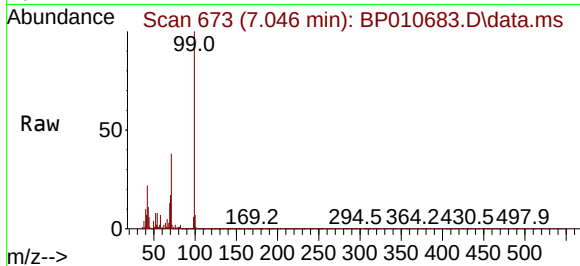




#7
Phenol-d6
Concen: 34.197 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

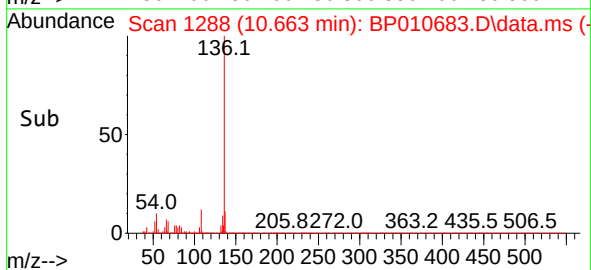
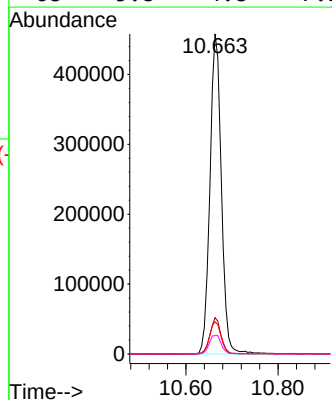
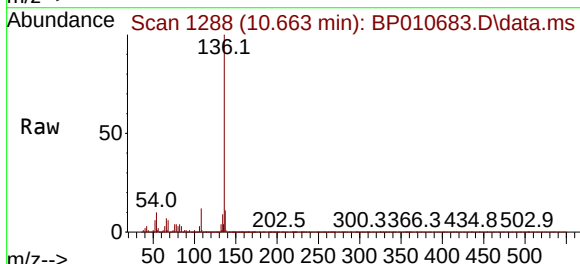
Instrument :
BNA_P
ClientSampleId :
P034-SS001-0006-01

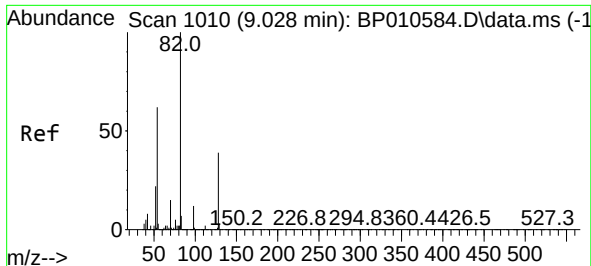
Tgt Ion: 99 Resp: 545672
Ion Ratio Lower Upper
99 100
42 22.1 20.3 30.5
71 38.2 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

Tgt Ion: 136 Resp: 790849
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.1 8.7 13.1
68 5.8 4.8 7.2

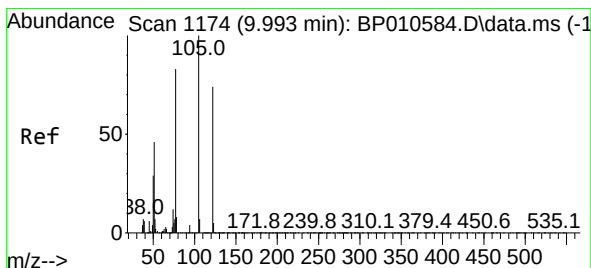
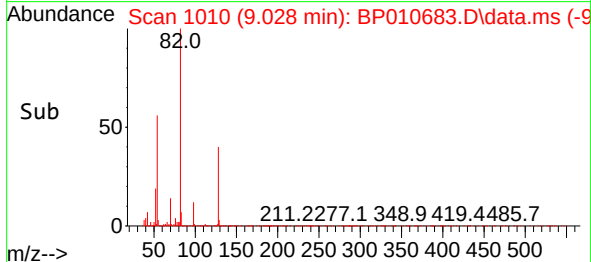
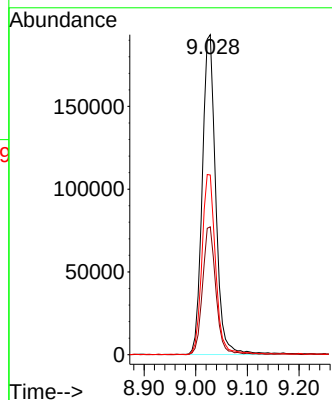
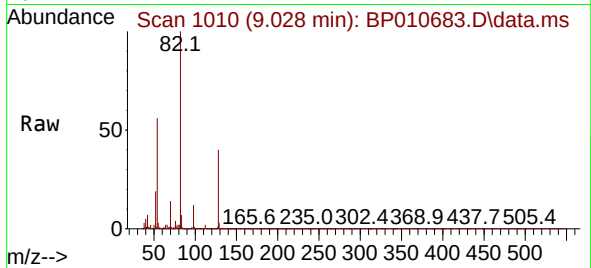




#23
Nitrobenzene-d5
Concen: 20.886 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

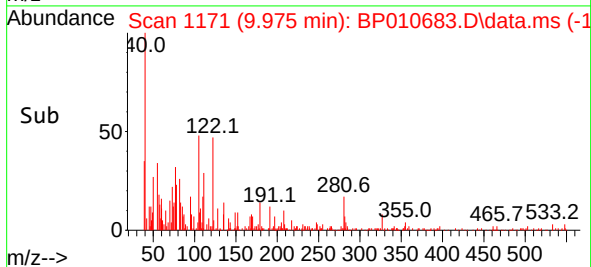
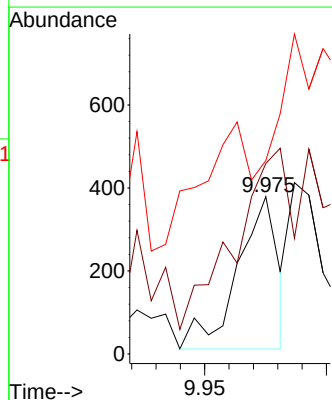
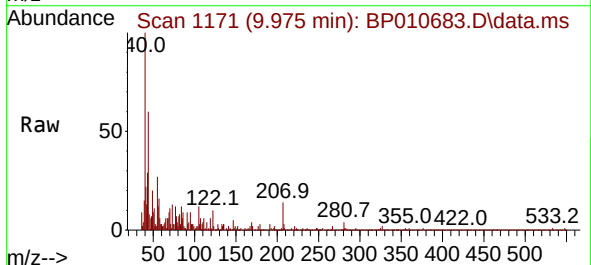
Instrument :
BNA_P
ClientSampleId :
P034-SS001-0006-01

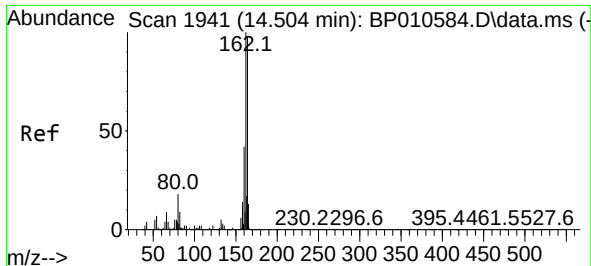
Tgt Ion: 82 Resp: 349378
Ion Ratio Lower Upper
82 100
128 39.9 31.3 46.9
54 56.1 49.8 74.8



#32
Benzoic acid
Concen: 7.373 ng
RT: 9.975 min Scan# 1171
Delta R.T. -0.018 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

Tgt Ion: 122 Resp: 423
Ion Ratio Lower Upper
122 100
105 121.1 112.6 152.6
77 123.0 90.2 130.2

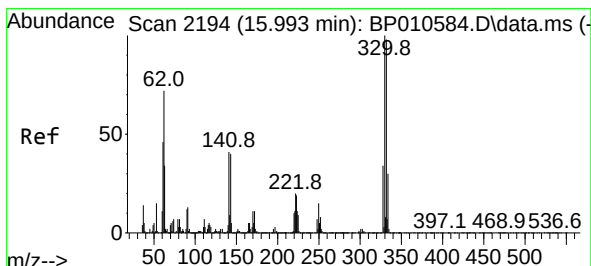
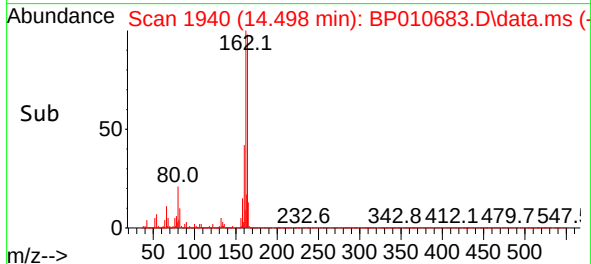
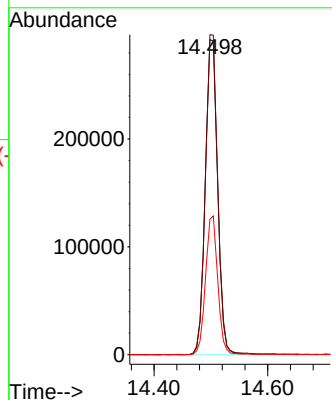
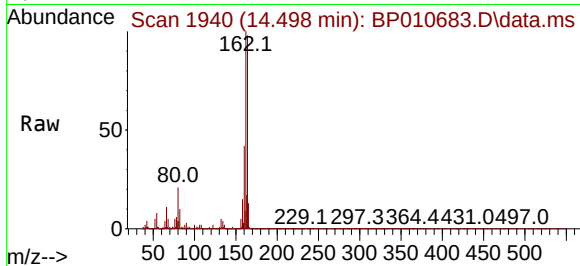




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

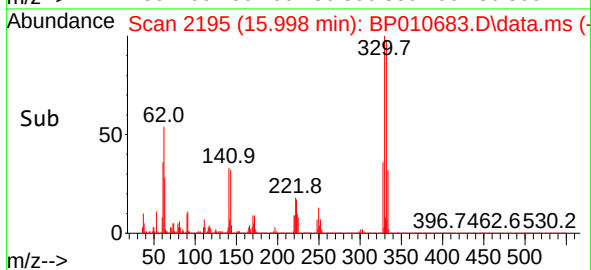
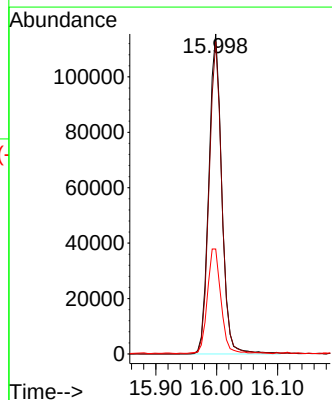
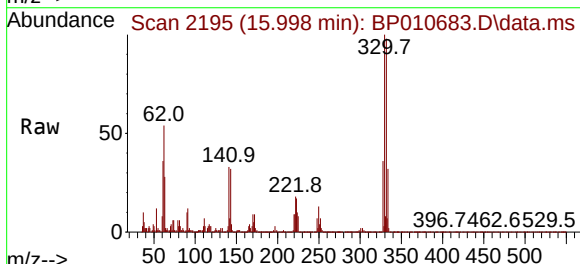
Instrument :
BNA_P
ClientSampleId :
P034-SS001-0006-01

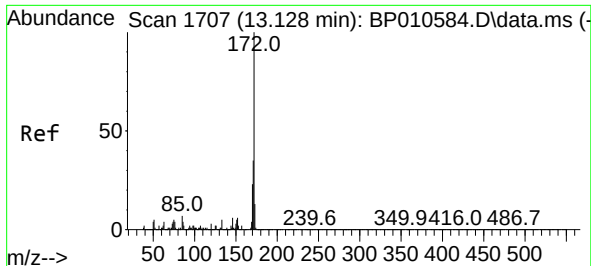
Tgt Ion:164 Resp: 442191
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 43.0 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 34.021 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

Tgt Ion:330 Resp: 170290
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 34.3 31.4 47.2

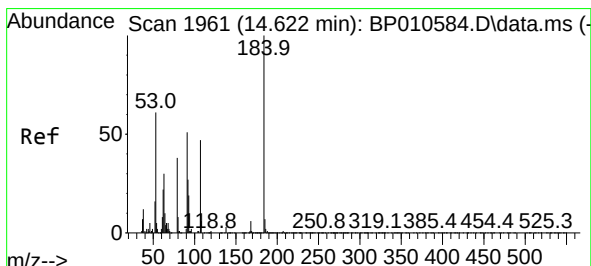
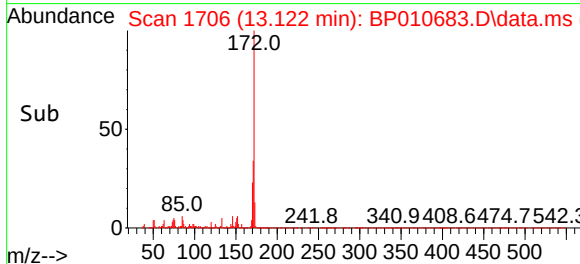
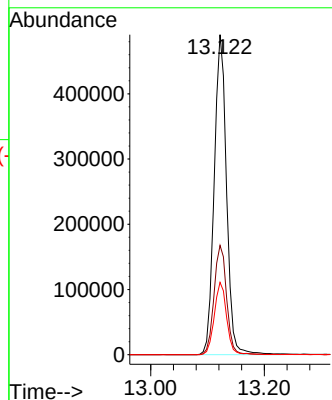
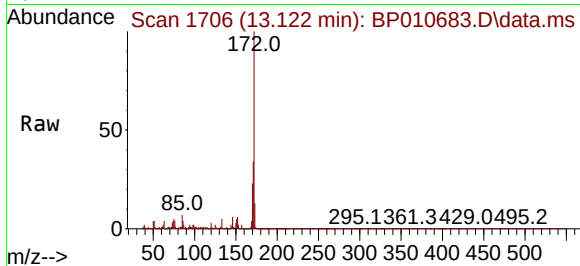




#45
2-Fluorobiphenyl
Concen: 23.600 ng
RT: 13.122 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

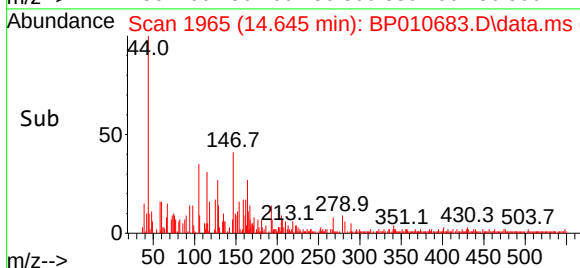
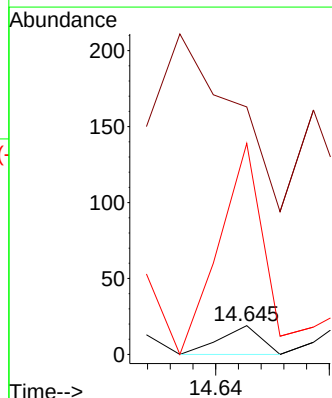
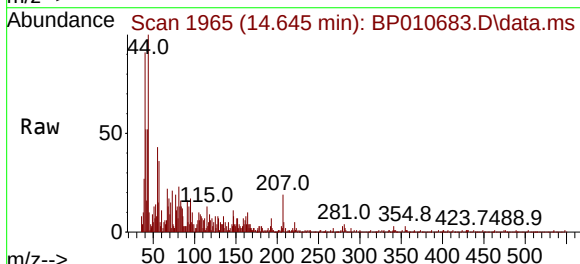
Instrument :
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ClientSampleId :
P034-SS001-0006-01

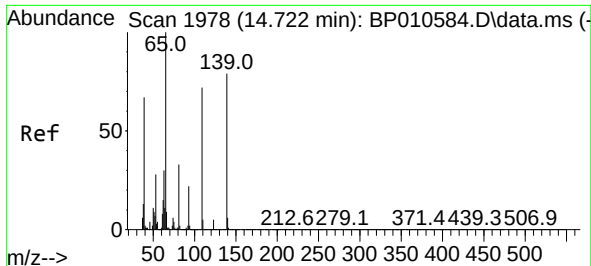
Tgt Ion:172 Resp: 735289
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 22.6 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 14.645 min Scan# 1965
Delta R.T. 0.023 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 857.9 65.4 98.2#
154 731.6 55.4 83.2#

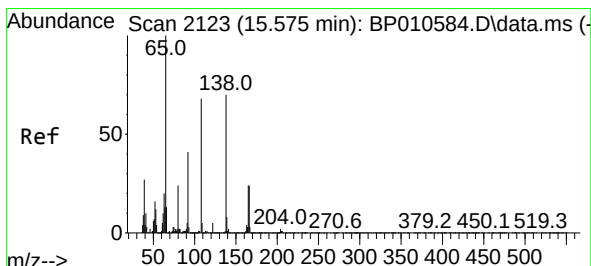
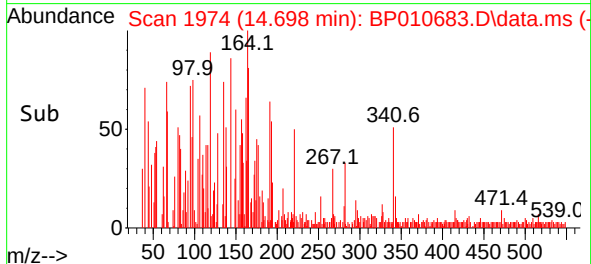
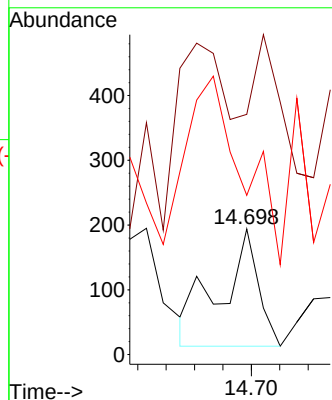
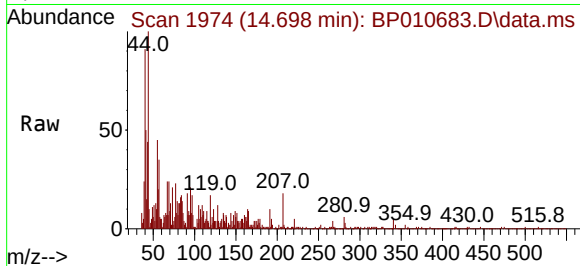




#56
4-Nitrophenol
Concen: 3.626 ng
RT: 14.698 min Scan# 1978
Delta R.T. -0.024 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

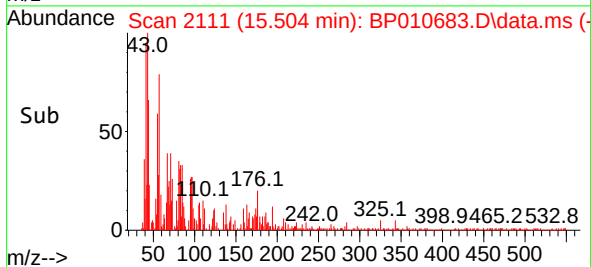
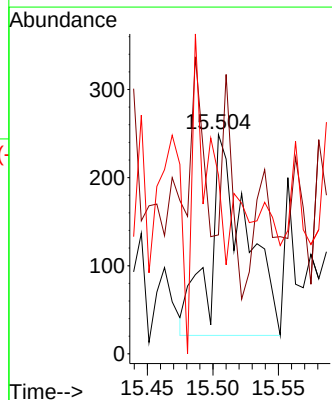
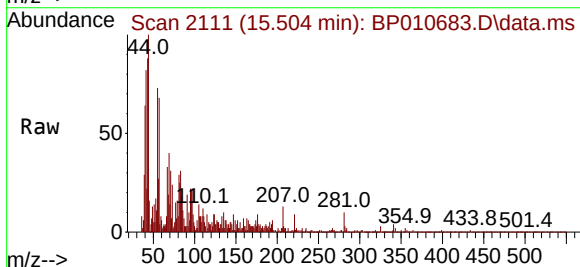
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P034-SS001-0006-01

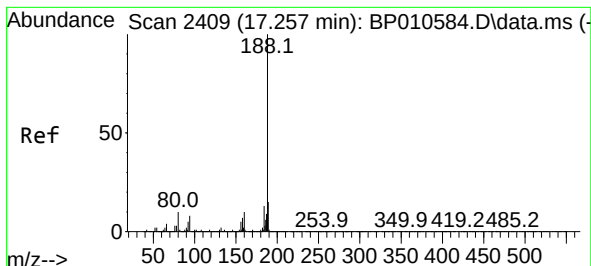
Tgt Ion:139 Resp: 169
Ion Ratio Lower Upper
139 100
109 191.2 70.6 110.6#
65 126.8 106.6 146.6



#62
4-Nitroaniline
Concen: 2.192 ng
RT: 15.504 min Scan# 2111
Delta R.T. -0.071 min
Lab File: BP010683.D
Acq: 02 Jun 2022 21:55

Tgt Ion:138 Resp: 439
Ion Ratio Lower Upper
138 100
92 54.2 38.0 78.0
108 81.5 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: BP010683.D

Acq: 02 Jun 2022 21:55

Instrument :

BNA_P

ClientSampleId :

P034-SS001-0006-01

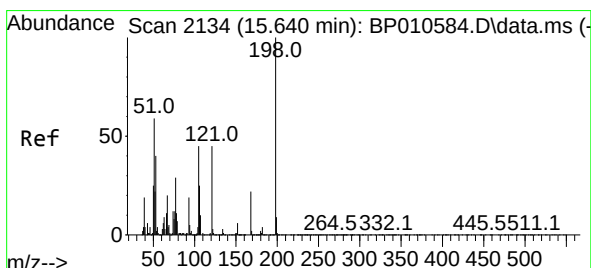
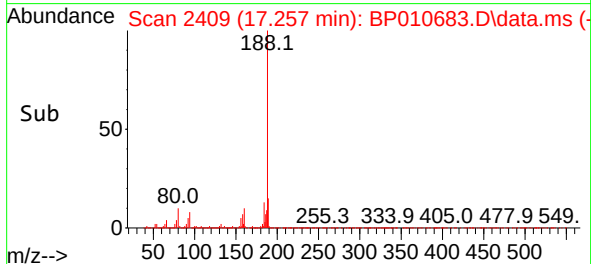
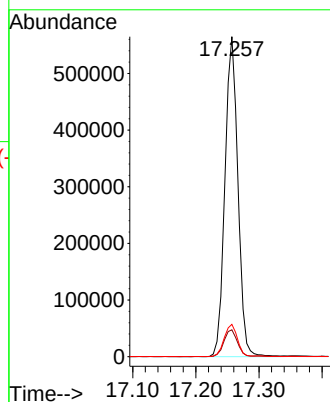
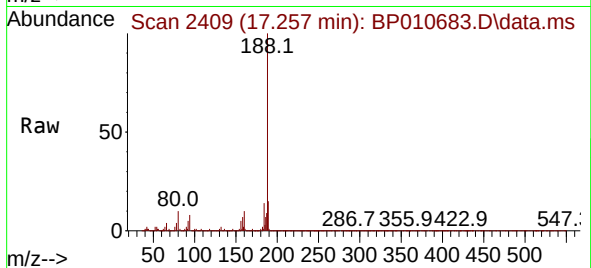
Tgt Ion:188 Resp: 807544

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 10.1 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.608 ng

RT: 15.651 min Scan# 2136

Delta R.T. 0.011 min

Lab File: BP010683.D

Acq: 02 Jun 2022 21:55

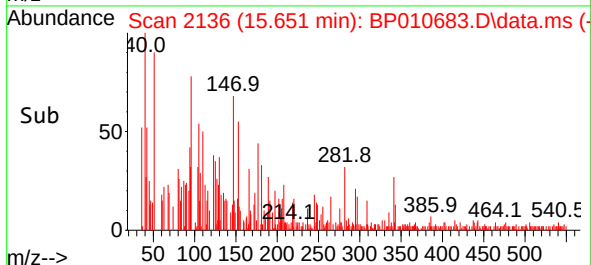
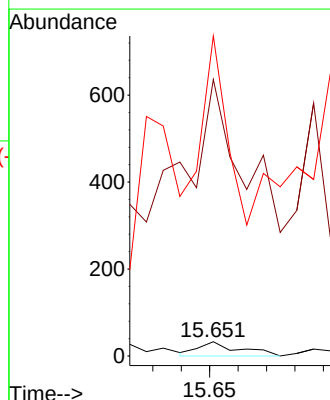
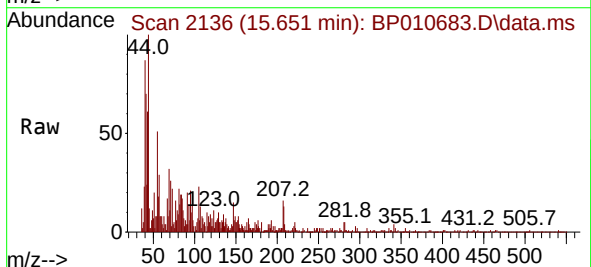
Tgt Ion:198 Resp: 33

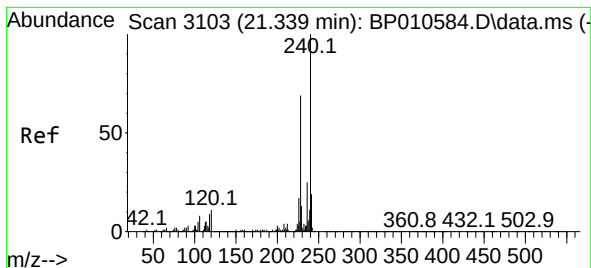
Ion Ratio Lower Upper

198 100

51 1927.3 41.2 81.2#

105 2230.3 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.345 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP010683.D

Acq: 02 Jun 2022 21:55

Instrument :

BNA_P

ClientSampleId :

P034-SS001-0006-01

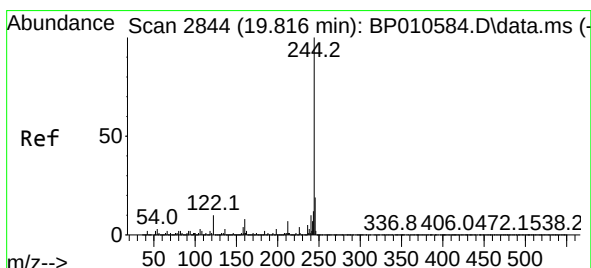
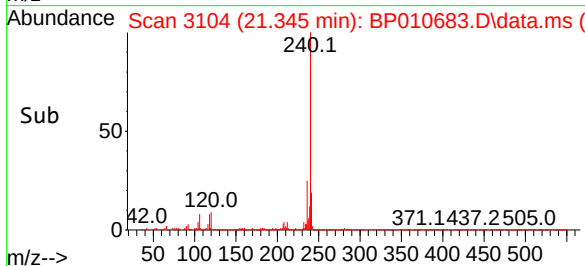
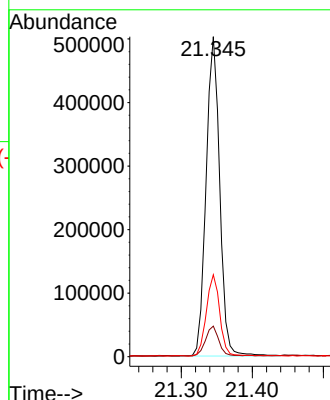
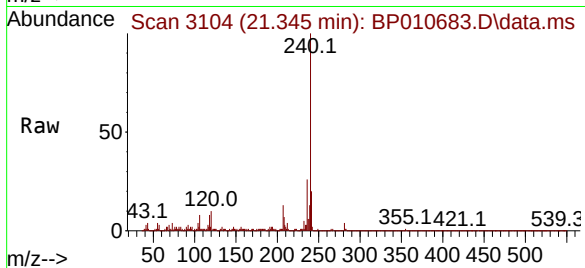
Tgt Ion:240 Resp: 670234

Ion Ratio Lower Upper

240 100

120 9.5 8.6 12.8

236 25.6 19.8 29.6



#79

Terphenyl-d14

Concen: 24.113 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010683.D

Acq: 02 Jun 2022 21:55

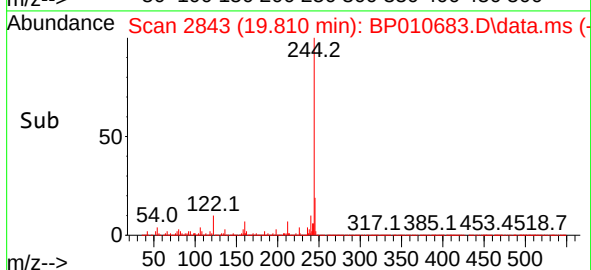
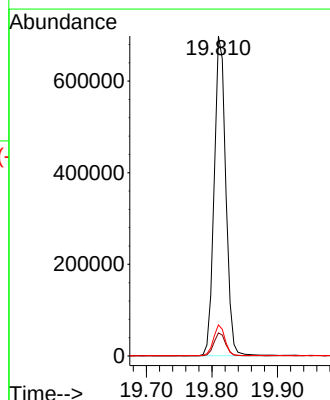
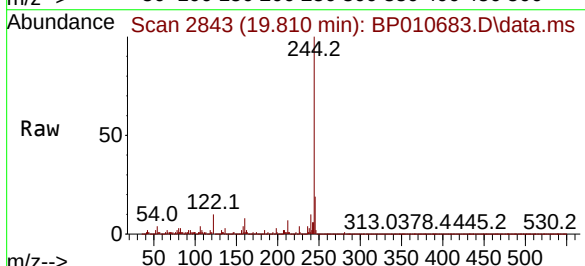
Tgt Ion:244 Resp: 860426

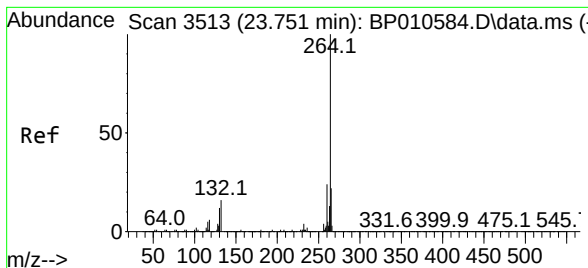
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.7 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.763 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP010683.D

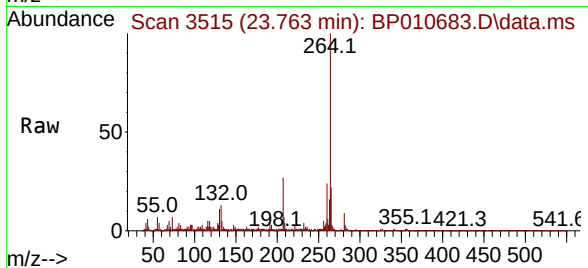
Acq: 02 Jun 2022 21:55

Instrument :

BNA_P

ClientSampleId :

P034-SS001-0006-01



Tgt Ion:264 Resp: 703814

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.5 18.0 27.0

