

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010664.D
 Acq On : 02 Jun 2022 11:05
 Operator : CG/JU
 Sample : PB145143TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145143TB

Quant Time: Jun 02 15:20:03 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)

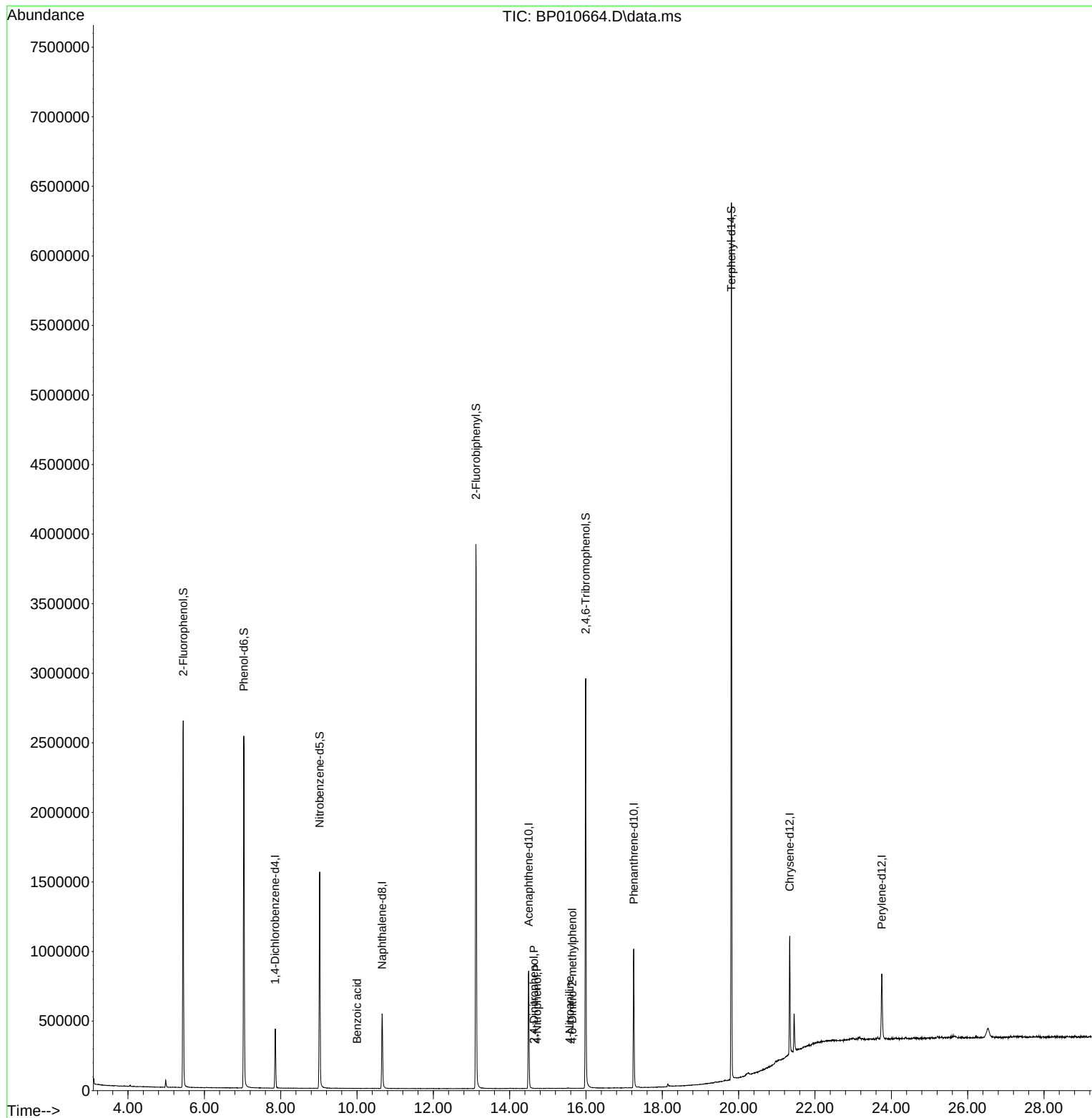
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	108690	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	451974	20.000	ng	-0.01
39) Acenaphthene-d10	14.498	164	301550	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	626591	20.000	ng	0.00
76) Chrysene-d12	21.339	240	442088	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	379254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	996099	167.190	ng	0.00
7) Phenol-d6	7.034	99	1348478	159.430	ng	0.00
23) Nitrobenzene-d5	9.022	82	900375	94.183	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	563266	165.016	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	2003954	94.316	ng	-0.01
79) Terphenyl-d14	19.810	244	2912750	123.754	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.998	122	43	7.332	ng	# 55
54) 2,4-Dinitrophenol	14.634	184	41	6.659	ng	# 1
56) 4-Nitrophenol	14.716	139	35	3.606	ng	# 44
62) 4-Nitroaniline	15.569	138	23	2.137	ng	# 32
65) 4,6-Dinitro-2-methylph...	15.639	198	7	4.604	ng	# 1

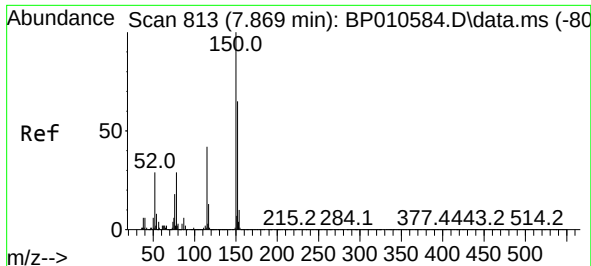
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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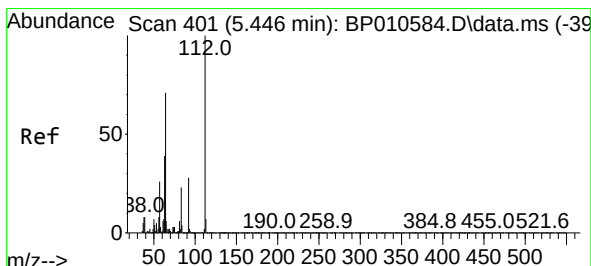
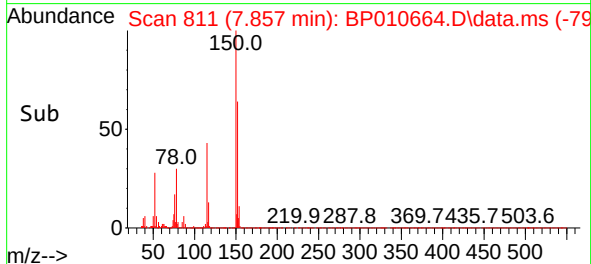
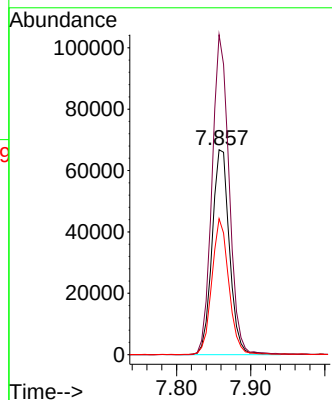
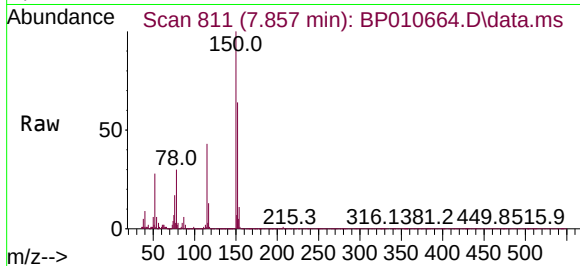




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

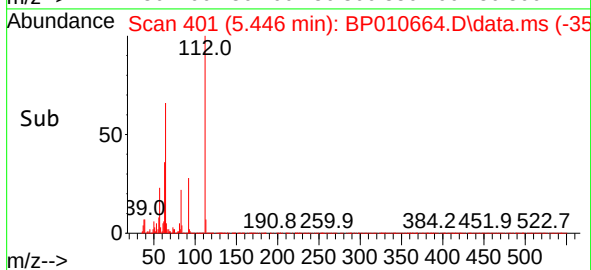
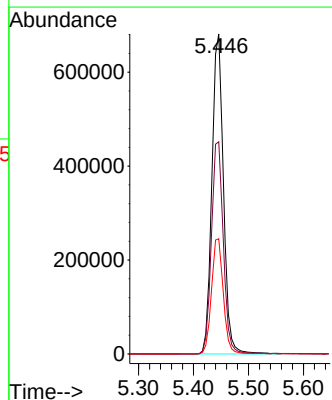
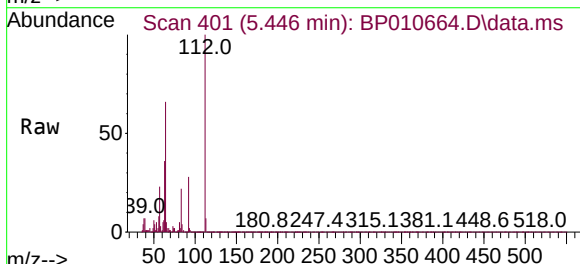
Instrument :
BNA_P
ClientSampleId :
PB145143TB

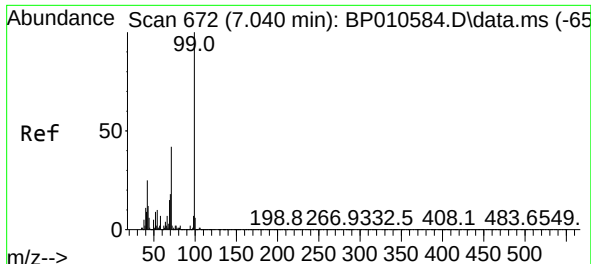
Tgt Ion:152 Resp: 108690
Ion Ratio Lower Upper
152 100
150 156.1 123.4 185.2
115 66.4 51.3 76.9



#5
2-Fluorophenol
Concen: 167.190 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

Tgt Ion:112 Resp: 996099
Ion Ratio Lower Upper
112 100
64 66.3 56.9 85.3
63 36.0 31.2 46.8

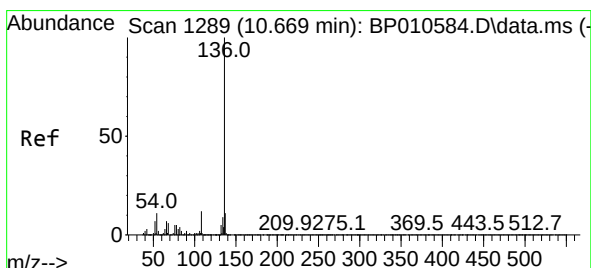
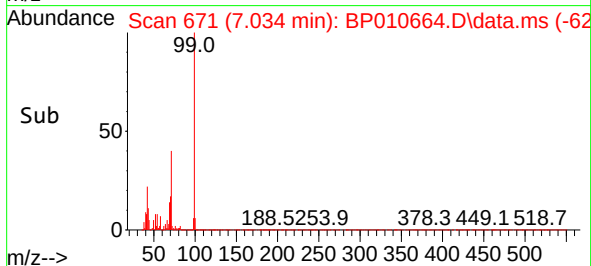
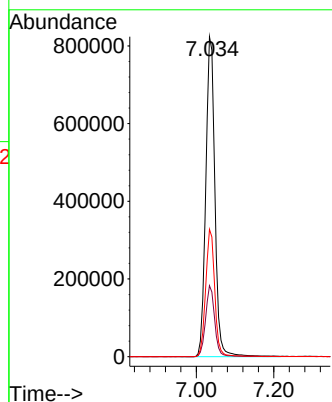
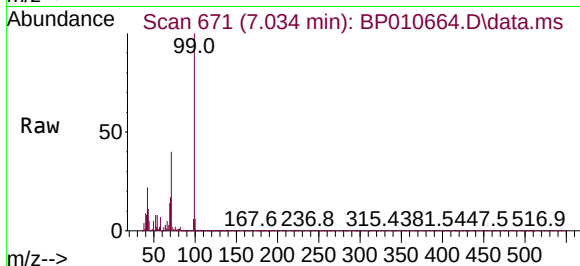




#7
Phenol-d6
Concen: 159.430 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

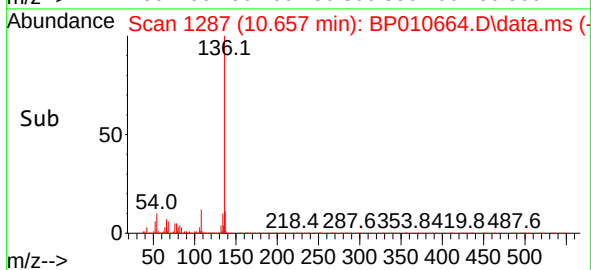
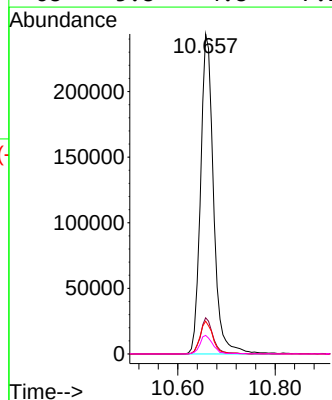
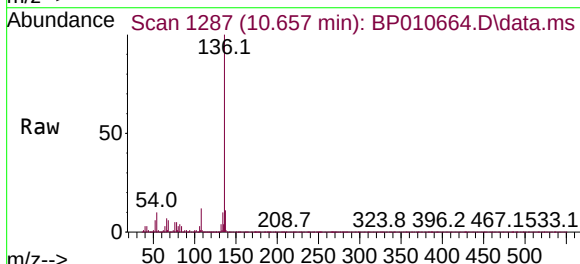
Instrument :
BNA_P
ClientSampleId :
PB145143TB

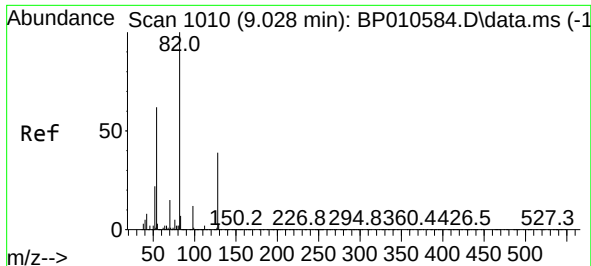
Tgt Ion: 99 Resp: 1348478
Ion Ratio Lower Upper
99 100
42 22.2 20.3 30.5
71 39.8 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

Tgt Ion:136 Resp: 451974
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.2 8.7 13.1
68 5.8 4.8 7.2

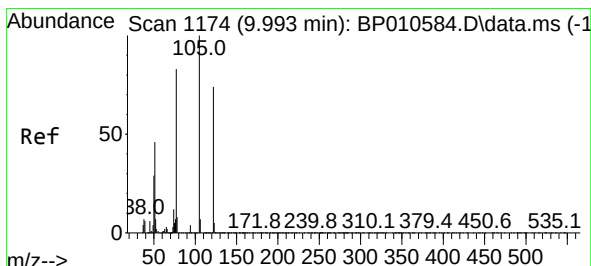
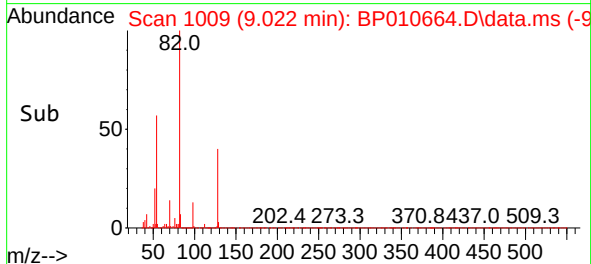
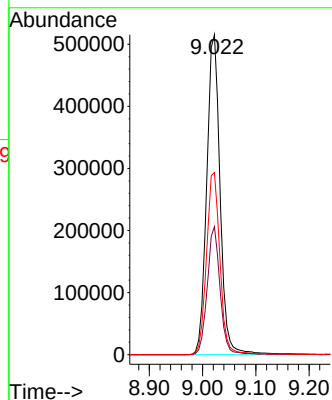
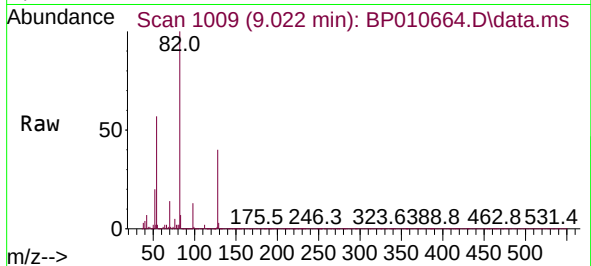




#23
Nitrobenzene-d5
Concen: 94.183 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

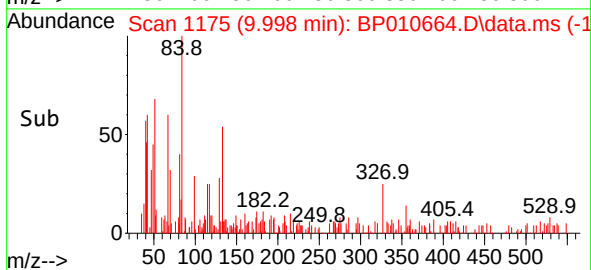
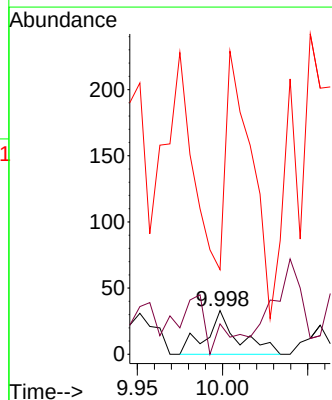
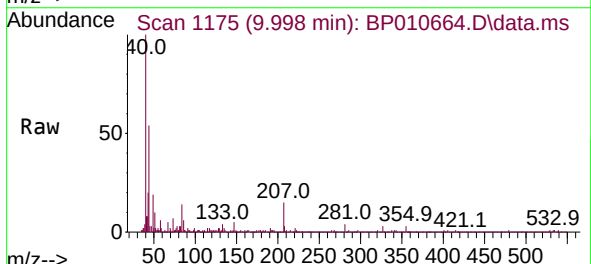
Instrument :
BNA_P
ClientSampleId :
PB145143TB

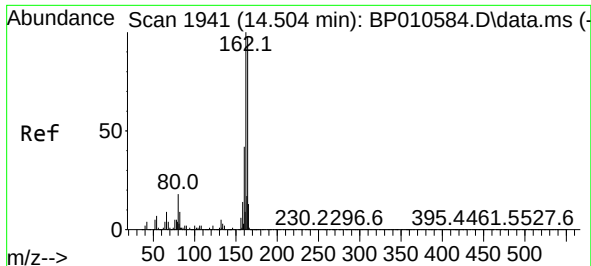
Tgt Ion: 82 Resp: 900375
Ion Ratio Lower Upper
82 100
128 40.0 31.3 46.9
54 57.0 49.8 74.8



#32
Benzoic acid
Concen: 7.332 ng
RT: 9.998 min Scan# 1175
Delta R.T. 0.005 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

Tgt Ion: 122 Resp: 43
Ion Ratio Lower Upper
122 100
105 112.1 112.6 152.6#
77 193.9 90.2 130.2#

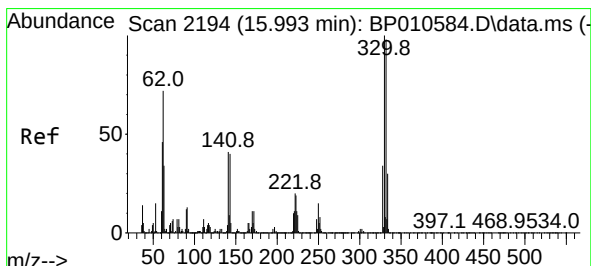
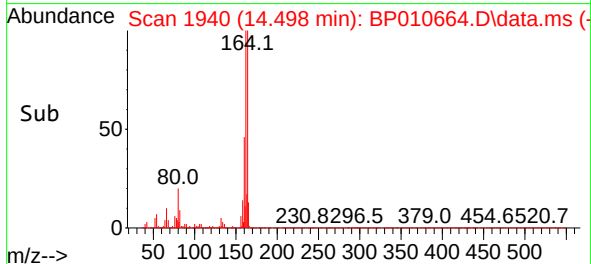
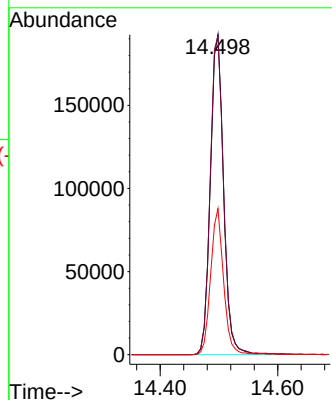
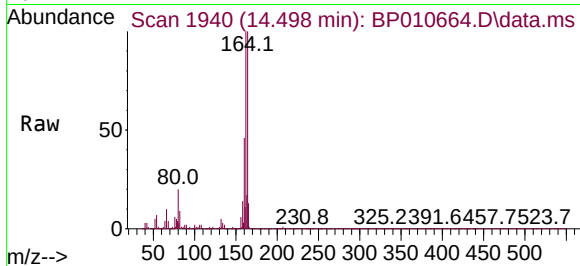




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

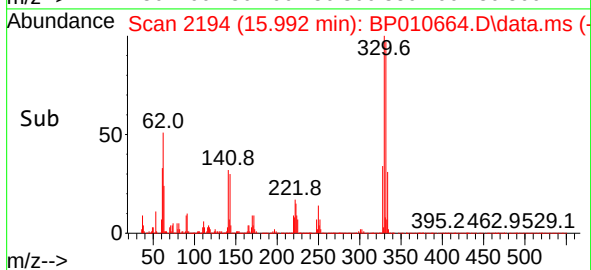
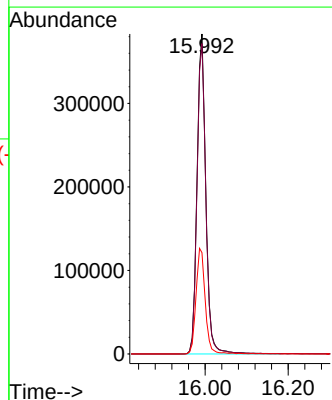
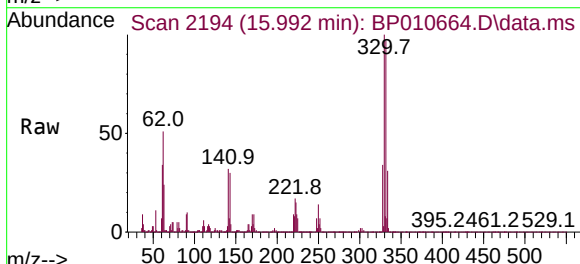
Instrument :
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ClientSampleId :
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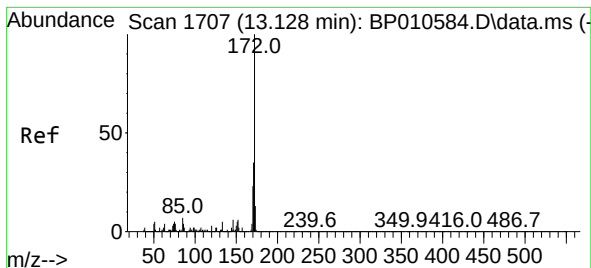
Tgt Ion:164 Resp: 301550
Ion Ratio Lower Upper
164 100
162 99.7 81.9 122.9
160 45.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 165.016 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

Tgt Ion:330 Resp: 563266
Ion Ratio Lower Upper
330 100
332 97.2 78.1 117.1
141 34.7 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 94.316 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP010664.D

Acq: 02 Jun 2022 11:05

Instrument :

BNA_P

ClientSampleId :

PB145143TB

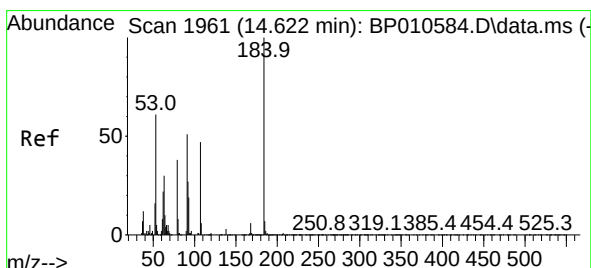
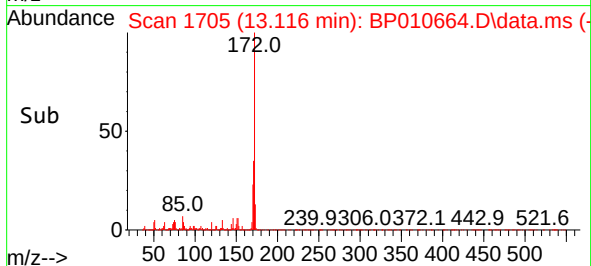
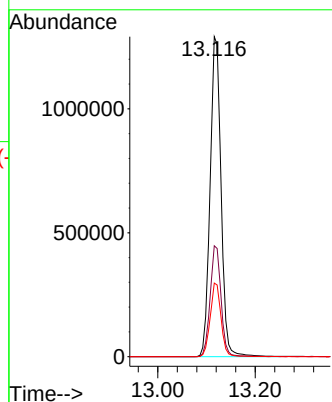
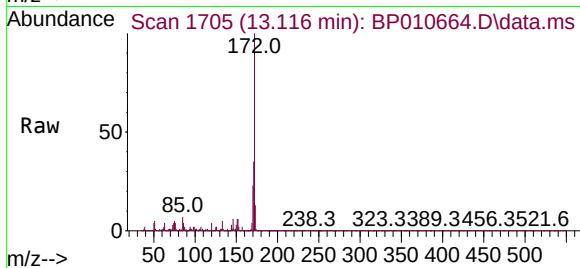
Tgt Ion:172 Resp: 2003954

Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.0 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.659 ng

RT: 14.634 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP010664.D

Acq: 02 Jun 2022 11:05

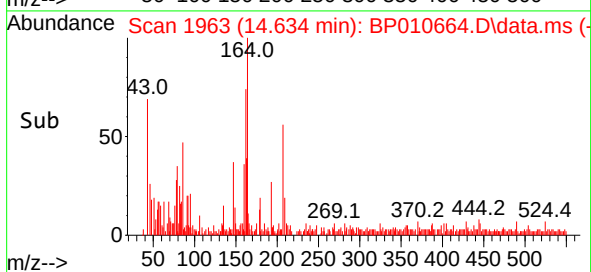
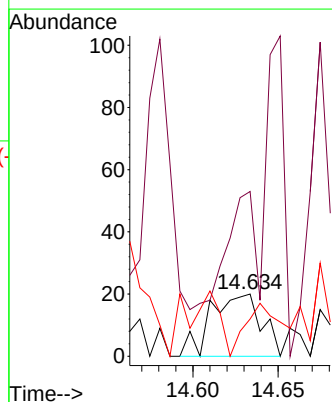
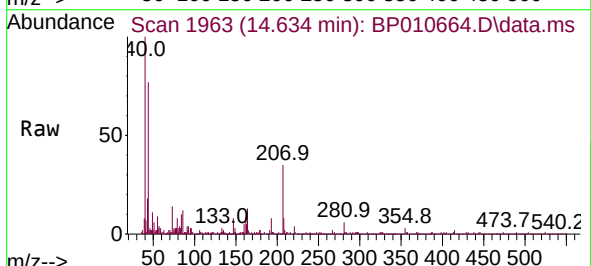
Tgt Ion:184 Resp: 41

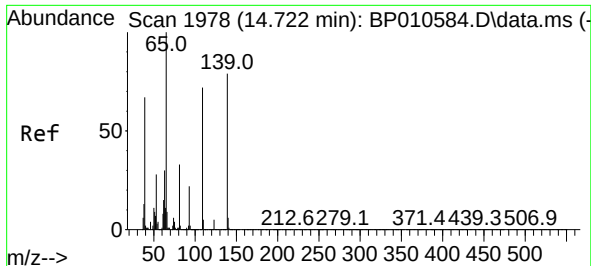
Ion Ratio Lower Upper

184 100

63 265.0 65.4 98.2#

154 60.0 55.4 83.2

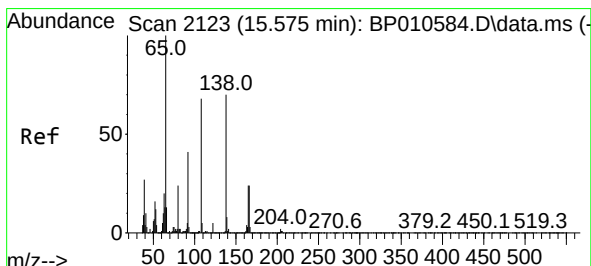
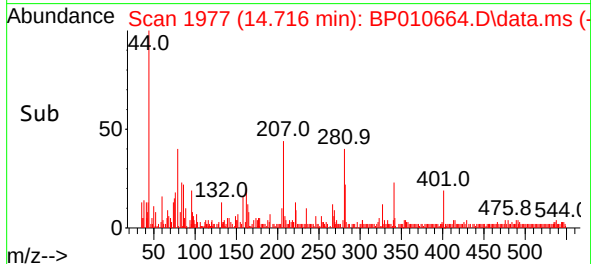
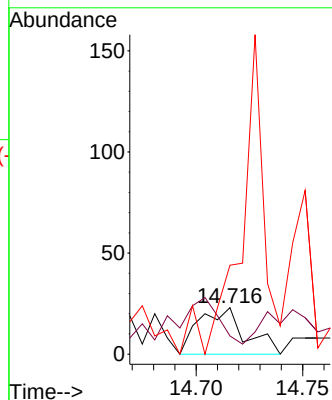
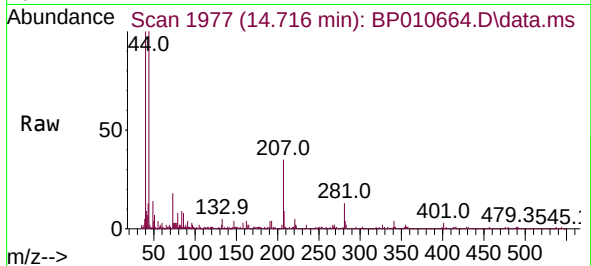




#56
4-Nitrophenol
Concen: 3.606 ng
RT: 14.716 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

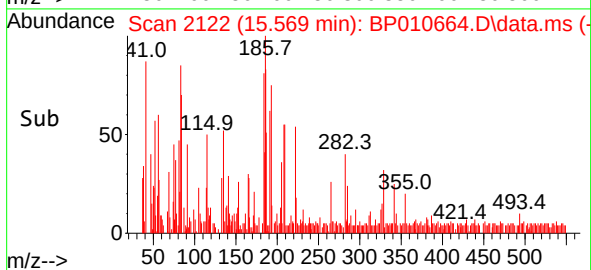
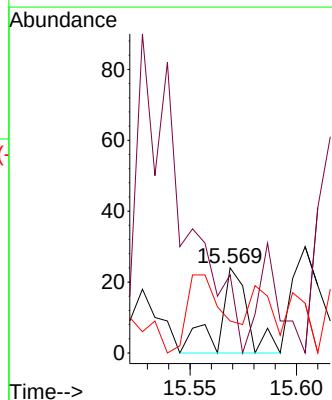
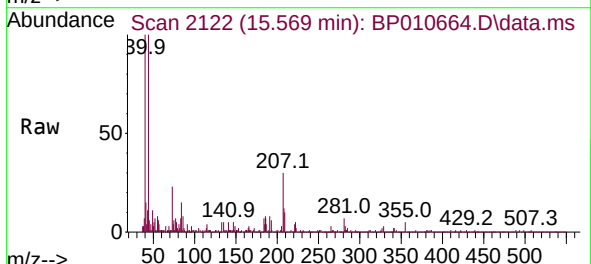
Instrument :
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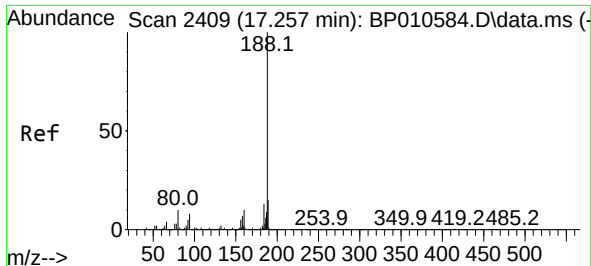
Tgt Ion:139 Resp: 35
Ion Ratio Lower Upper
139 100
109 39.1 70.6 110.6#
65 191.3 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.137 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

Tgt Ion:138 Resp: 23
Ion Ratio Lower Upper
138 100
92 116.7 38.0 78.0#
108 37.5 77.6 117.6#

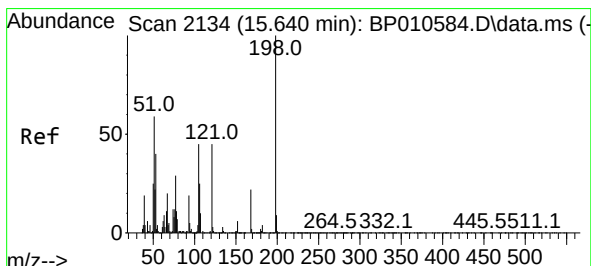
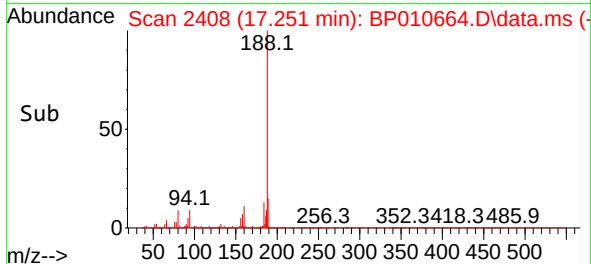
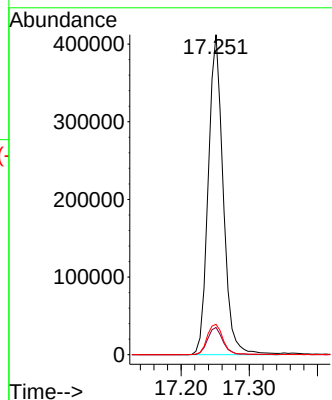
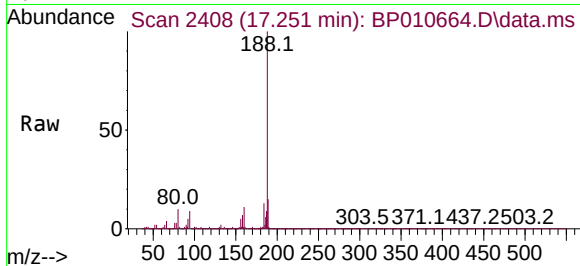




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

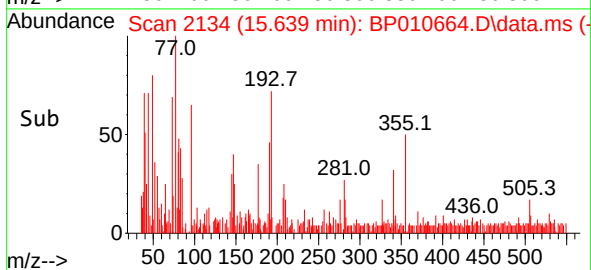
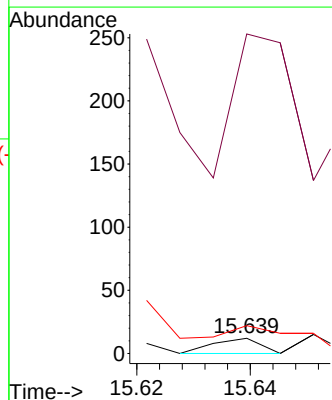
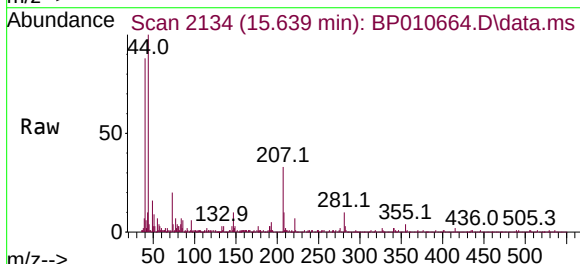
Instrument :
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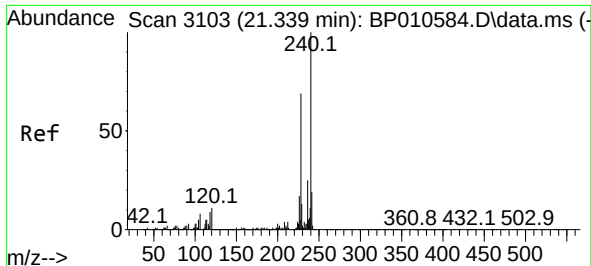
Tgt Ion:188 Resp: 626591
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.604 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.001 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 2108.3 41.2 81.2#
105 183.3 25.3 65.3#

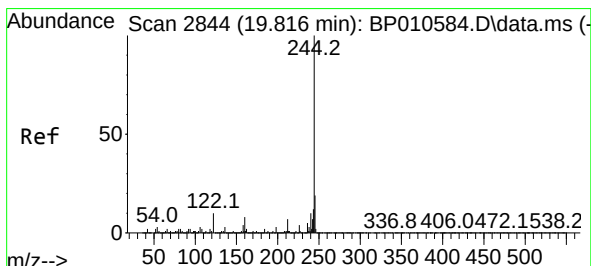
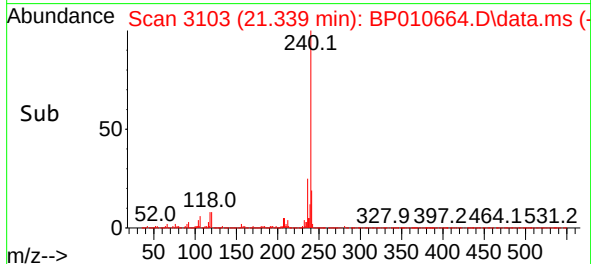
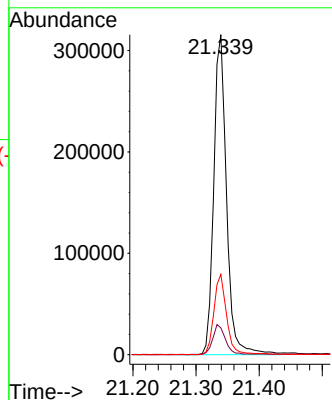
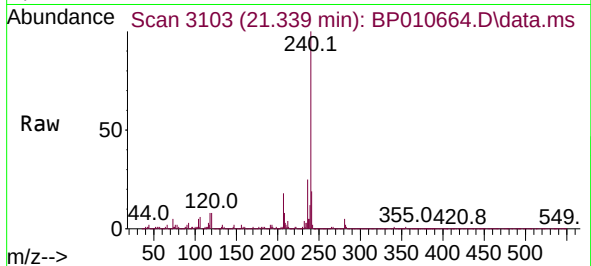




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

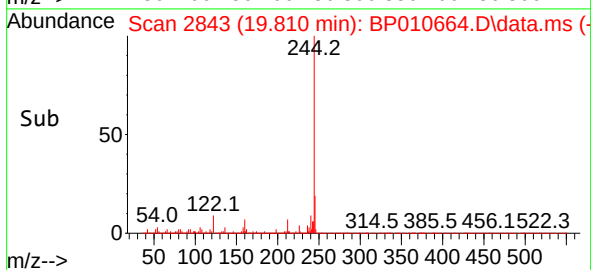
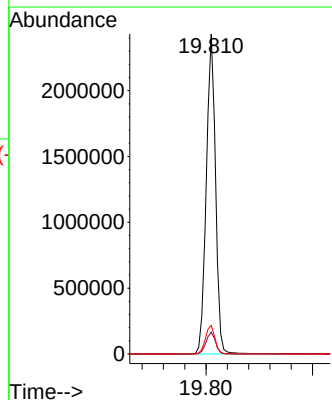
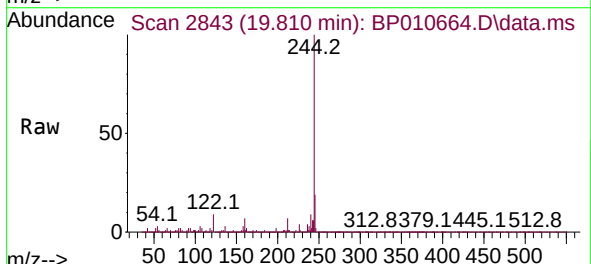
Instrument :
BNA_P
ClientSampleId :
PB145143TB

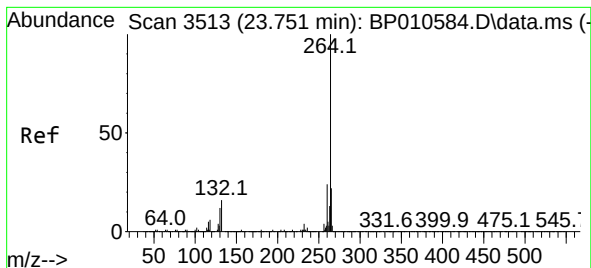
Tgt Ion:240 Resp: 442088
Ion Ratio Lower Upper
240 100
120 8.4 8.6 12.8#
236 25.1 19.8 29.6



#79
Terphenyl-d14
Concen: 123.754 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010664.D
Acq: 02 Jun 2022 11:05

Tgt Ion:244 Resp: 2912750
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 8.9 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: BP010664.D

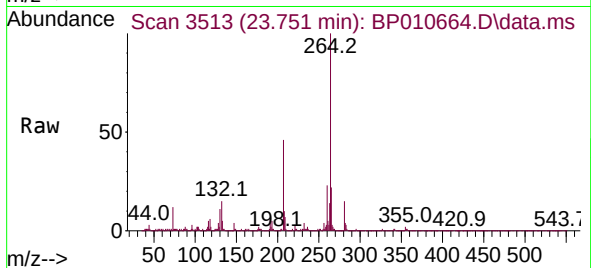
Acq: 02 Jun 2022 11:05

Instrument :

BNA_P

ClientSampleId :

PB145143TB



Tgt Ion:264 Resp: 379254

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.3 18.0 27.0

