

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010650.D
 Acq On : 01 Jun 2022 14:25
 Operator : CG/JU
 Sample : N2984-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P014-SS002-1824-01

Quant Time: Jun 02 05:04:10 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)

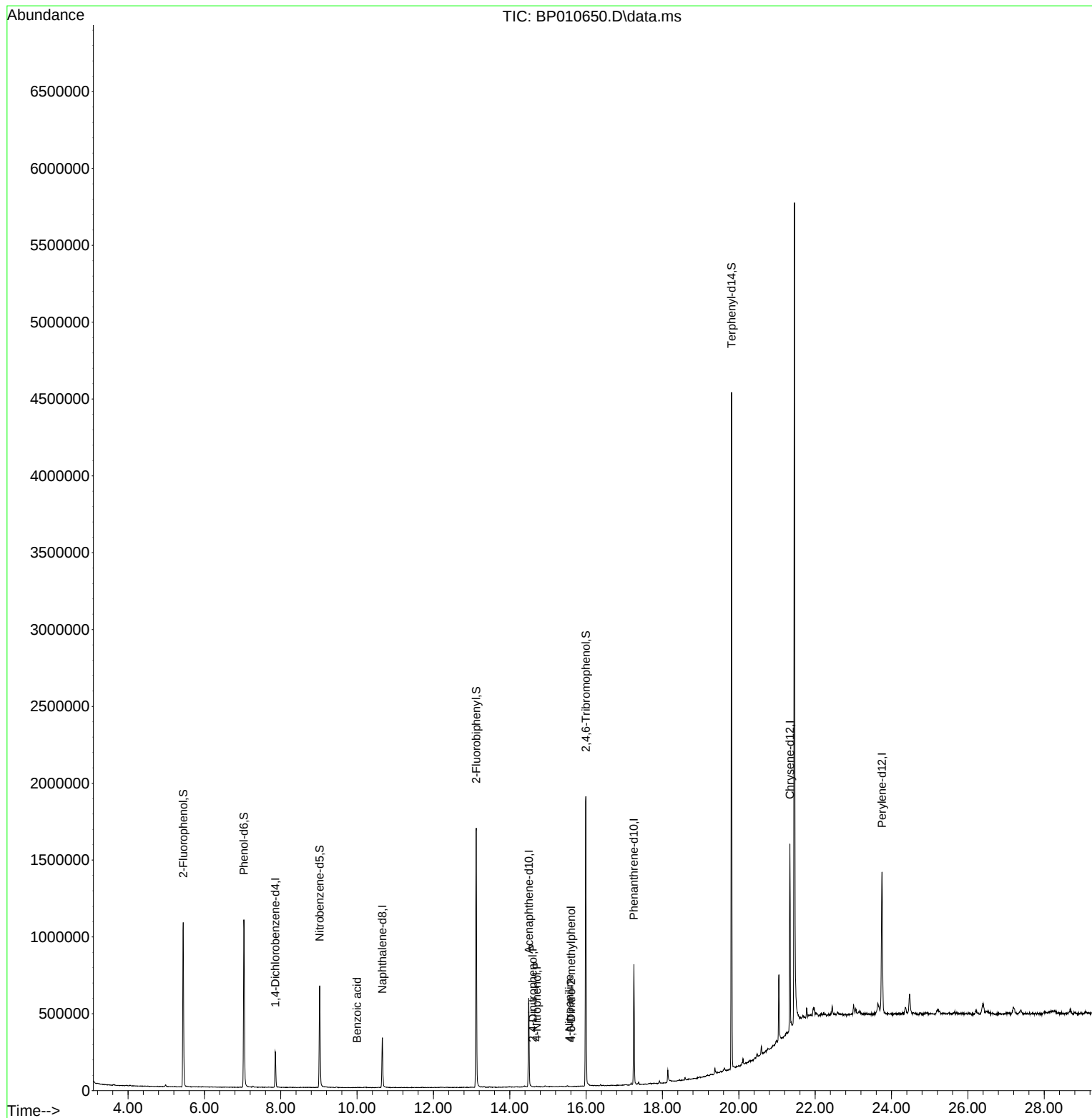
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	61670	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	274699	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	202016	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	473265	20.000	ng	0.00
76) Chrysene-d12	21.339	240	577767	20.000	ng	0.00
86) Perylene-d12	23.751	264	702860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	430477	127.343	ng	0.00
7) Phenol-d6	7.034	99	602905	125.629	ng	0.00
23) Nitrobenzene-d5	9.022	82	391376	67.360	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	338603	148.073	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	910739	63.983	ng	0.00
79) Terphenyl-d14	19.810	244	1891704	61.499	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.999	122	93	7.355	ng	# 1
54) 2,4-Dinitrophenol	14.604	184	16	6.653	ng	# 1
56) 4-Nitrophenol	14.710	139	6	3.599	ng	# 1
62) 4-Nitroaniline	15.563	138	110	2.165	ng	# 73
65) 4,6-Dinitro-2-methylph...	15.610	198	11	4.606	ng	# 1

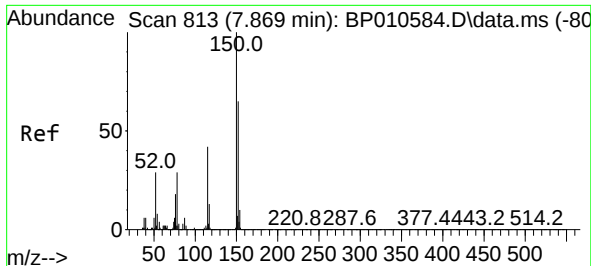
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
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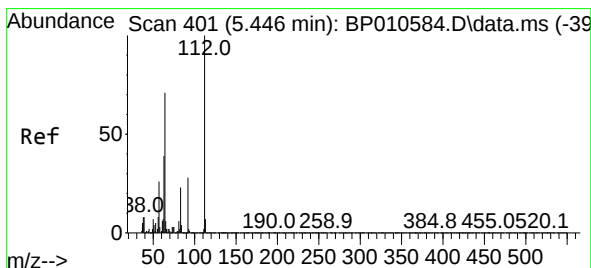
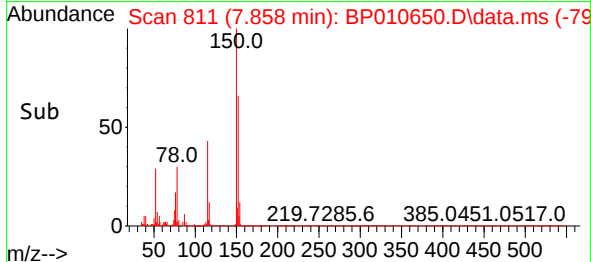
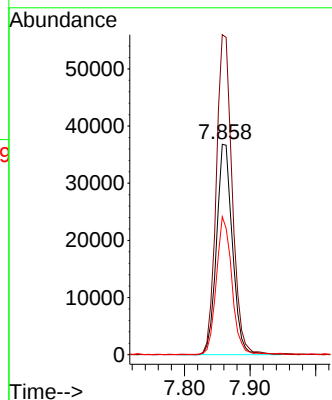
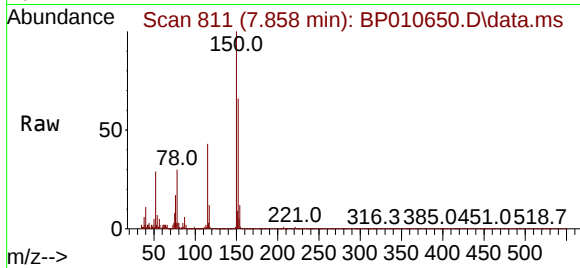




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.858 min Scan# 813
 Delta R.T. -0.011 min
 Lab File: BP010650.D
 Acq: 01 Jun 2022 14:25

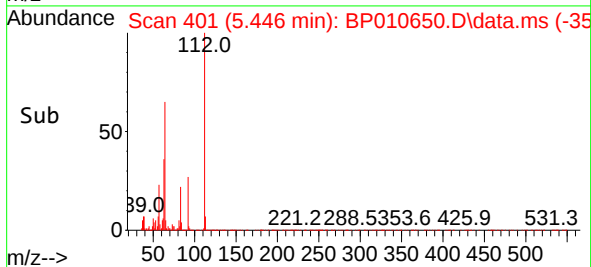
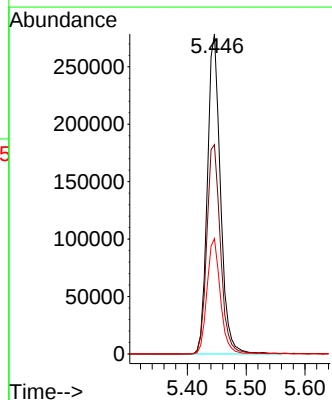
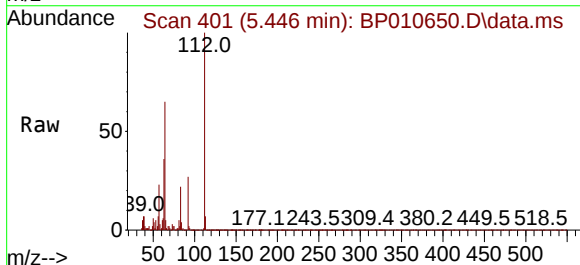
Instrument :
 BNA_P
 ClientSampleId :
 P014-SS002-1824-01

Tgt Ion:152 Resp: 61670
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.4 185.2
 115 65.5 51.3 76.9



#5
 2-Fluorophenol
 Concen: 127.343 ng
 RT: 5.446 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: BP010650.D
 Acq: 01 Jun 2022 14:25

Tgt Ion:112 Resp: 430477
 Ion Ratio Lower Upper
 112 100
 64 65.4 56.9 85.3
 63 36.0 31.2 46.8

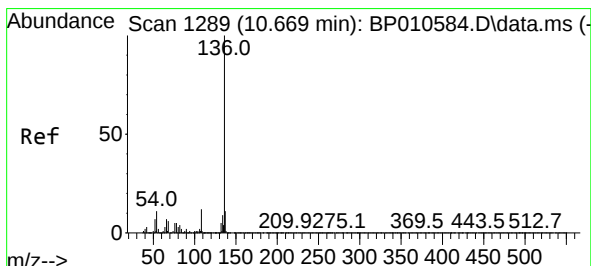
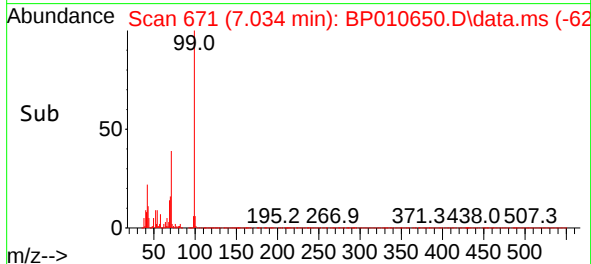
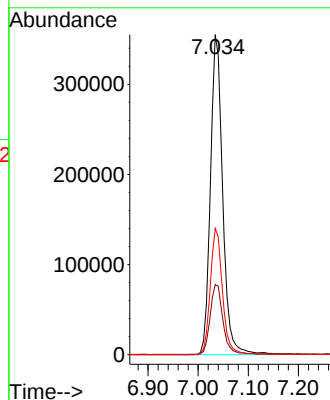
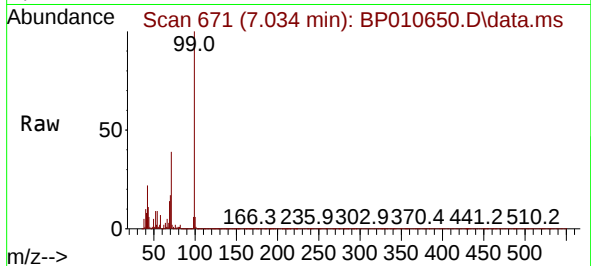




#7
Phenol-d6
Concen: 125.629 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010650.D
Acq: 01 Jun 2022 14:25

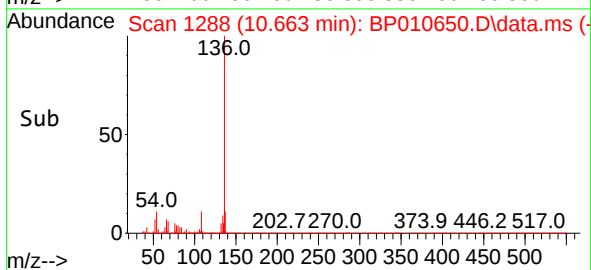
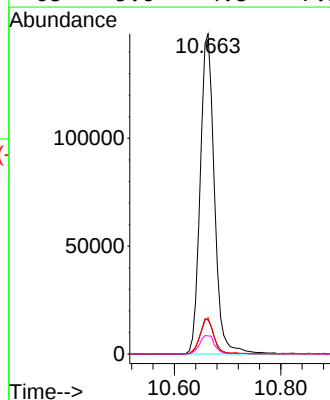
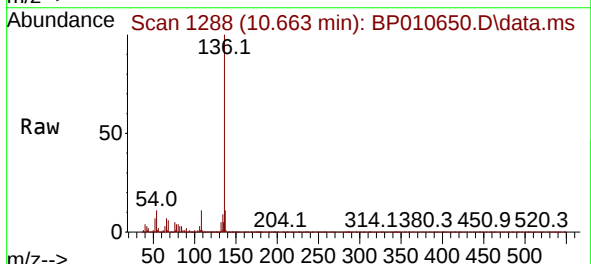
Instrument :
BNA_P
ClientSampleId :
P014-SS002-1824-01

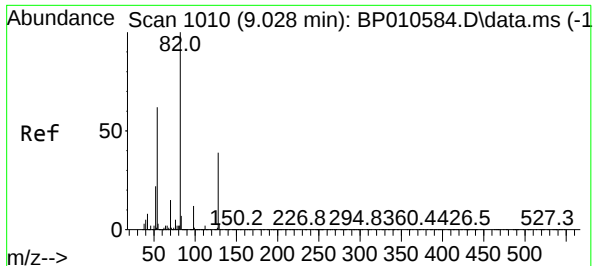
Tgt Ion: 99 Resp: 602905
Ion Ratio Lower Upper
99 100
42 21.9 20.3 30.5
71 39.4 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010650.D
Acq: 01 Jun 2022 14:25

Tgt Ion:136 Resp: 274699
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 11.3 8.7 13.1
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 67.360 ng

RT: 9.022 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010650.D

Acq: 01 Jun 2022 14:25

Instrument :

BNA_P

ClientSampleId :

P014-SS002-1824-01

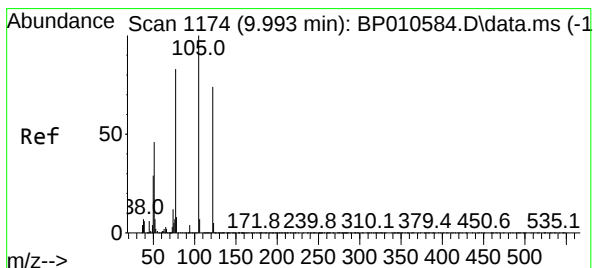
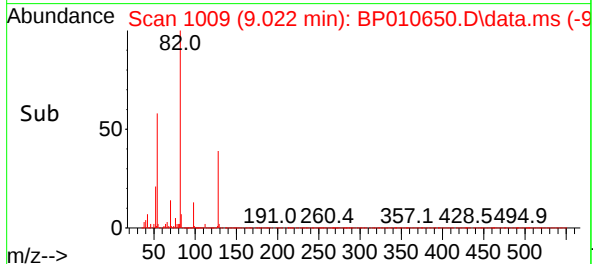
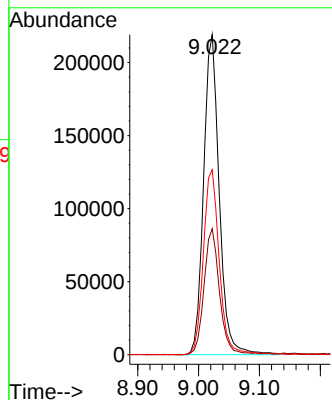
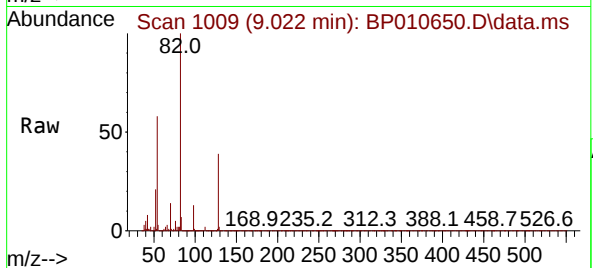
Tgt Ion: 82 Resp: 391376

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

54 57.8 49.8 74.8



#32

Benzoic acid

Concen: 7.355 ng

RT: 9.999 min Scan# 1175

Delta R.T. 0.006 min

Lab File: BP010650.D

Acq: 01 Jun 2022 14:25

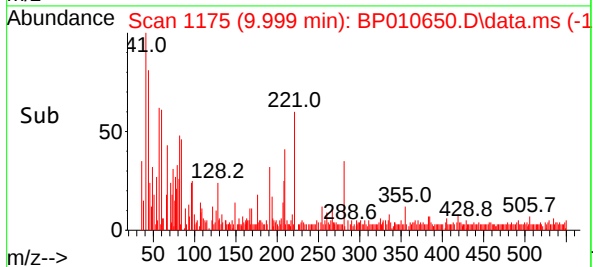
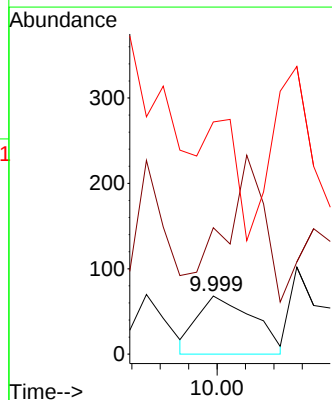
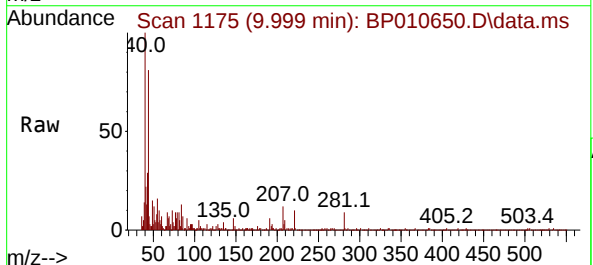
Tgt Ion: 122 Resp: 93

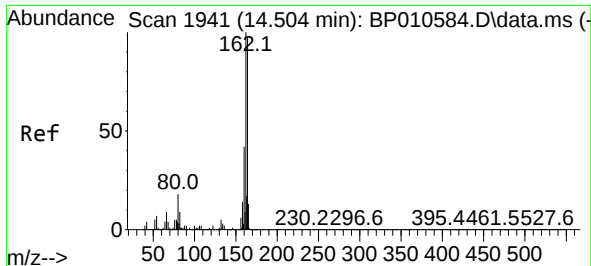
Ion Ratio Lower Upper

122 100

105 217.6 112.6 152.6#

77 400.0 90.2 130.2#

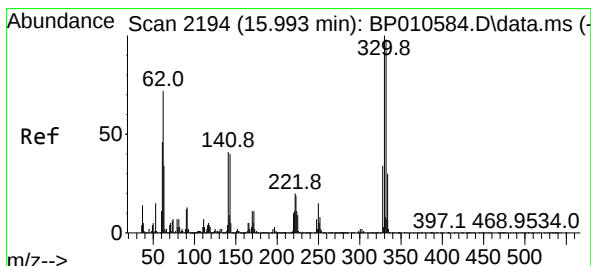
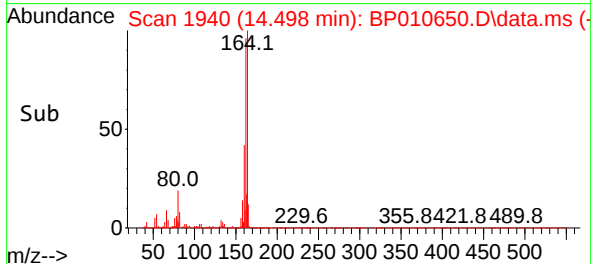
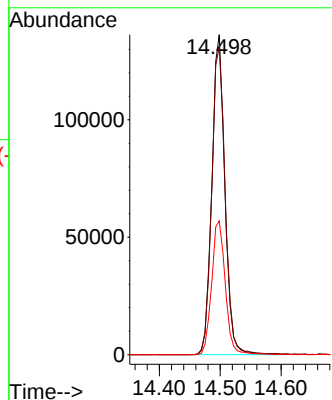
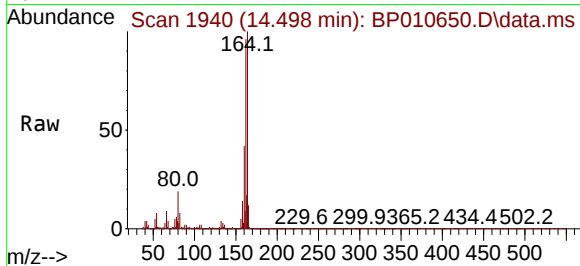




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010650.D
Acq: 01 Jun 2022 14:25

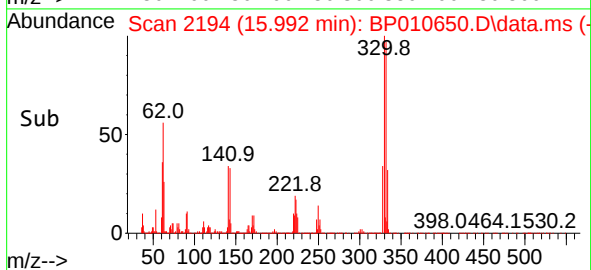
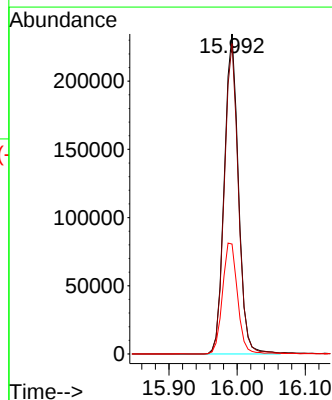
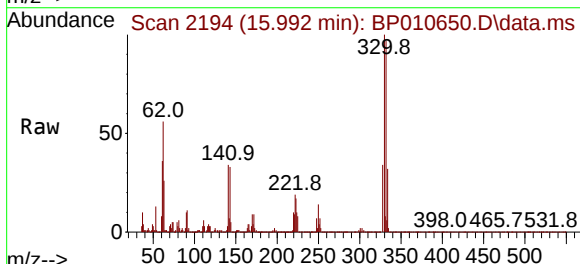
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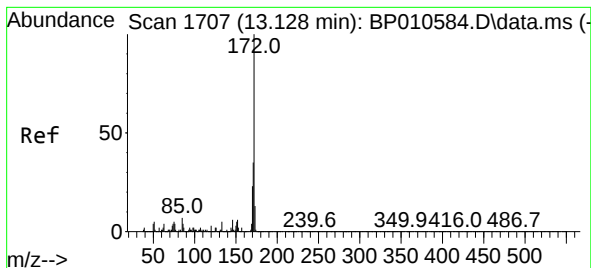
Tgt Ion:164 Resp: 202016
Ion Ratio Lower Upper
164 100
162 96.1 81.9 122.9
160 41.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 148.073 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010650.D
Acq: 01 Jun 2022 14:25

Tgt Ion:330 Resp: 338603
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 37.2 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 63.983 ng

RT: 13.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP010650.D

Acq: 01 Jun 2022 14:25

Instrument :

BNA_P

ClientSampleId :

P014-SS002-1824-01

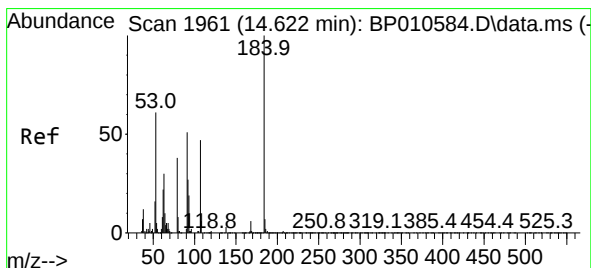
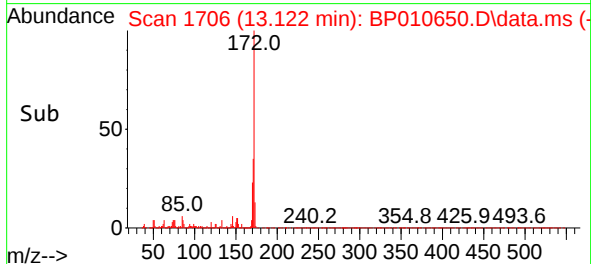
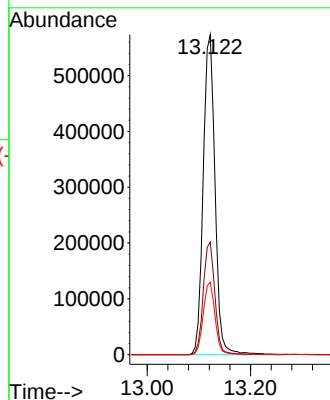
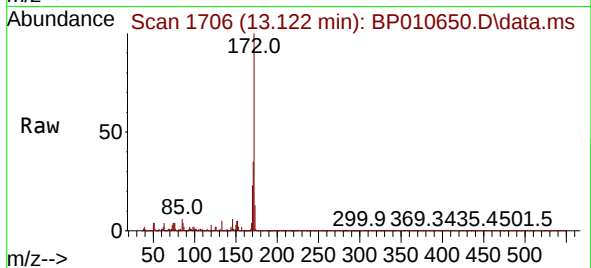
Tgt Ion:172 Resp: 910739

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 22.7 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.653 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.018 min

Lab File: BP010650.D

Acq: 01 Jun 2022 14:25

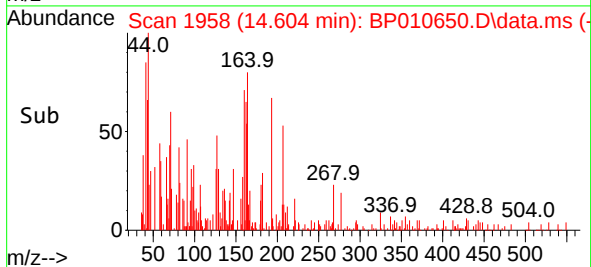
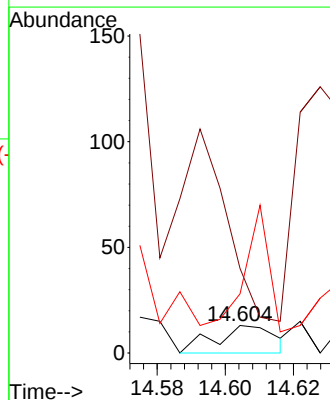
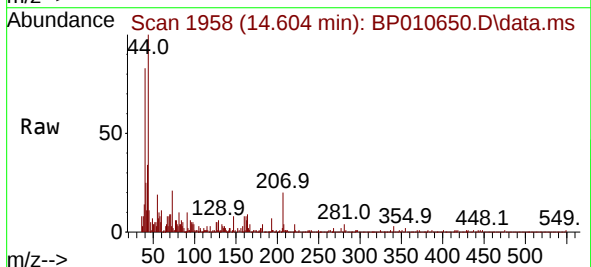
Tgt Ion:184 Resp: 16

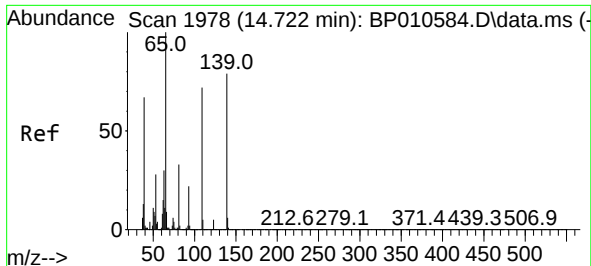
Ion Ratio Lower Upper

184 100

63 307.7 65.4 98.2#

154 215.4 55.4 83.2#

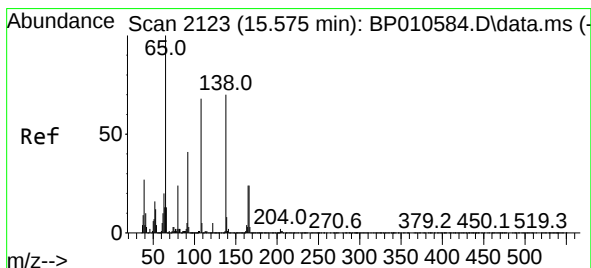
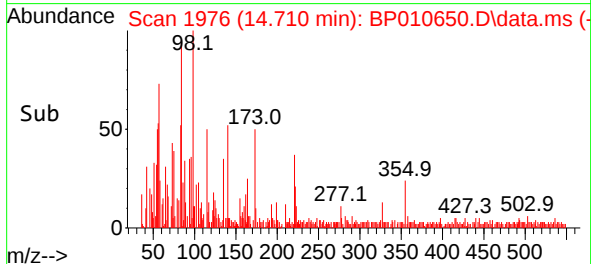
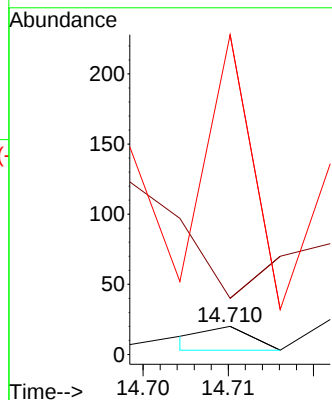
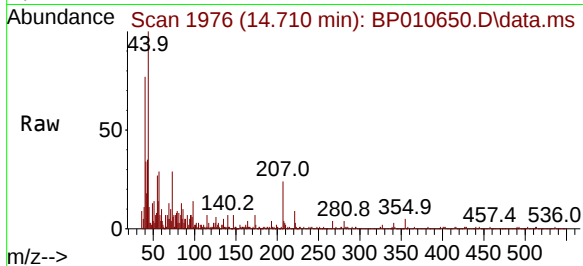




#56
4-Nitrophenol
Concen: 3.599 ng
RT: 14.710 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP010650.D
Acq: 01 Jun 2022 14:25

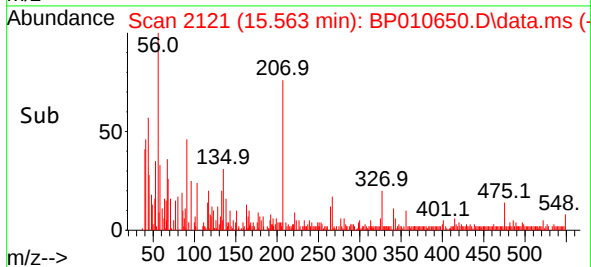
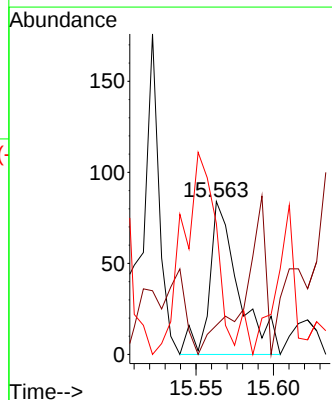
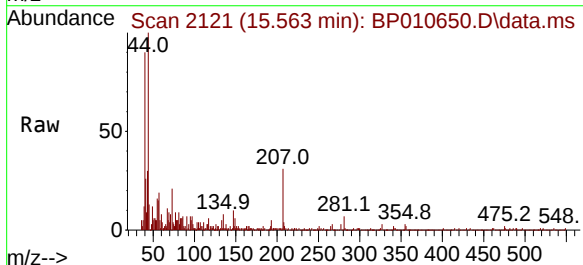
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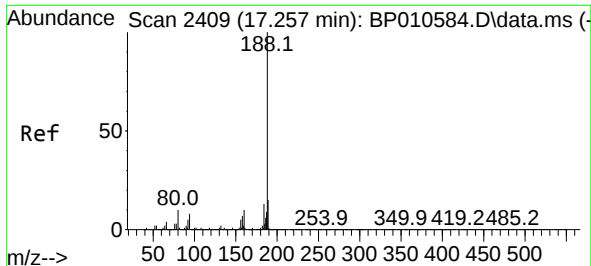
Tgt Ion:139 Resp: 6
Ion Ratio Lower Upper
139 100
109 200.0 70.6 110.6#
65 1140.0 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.165 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP010650.D
Acq: 01 Jun 2022 14:25

Tgt Ion:138 Resp: 110
Ion Ratio Lower Upper
138 100
92 19.0 38.0 78.0#
108 85.7 77.6 117.6

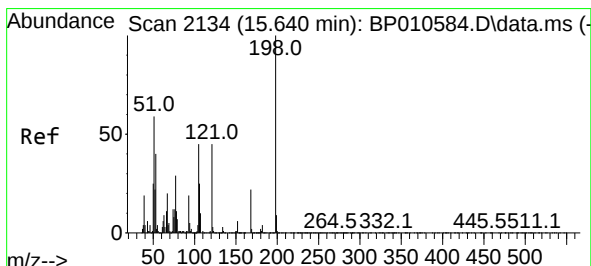
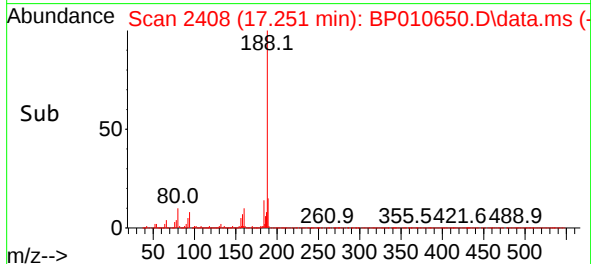
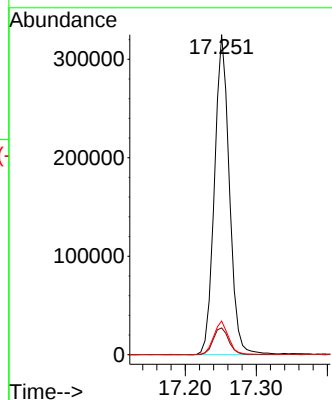
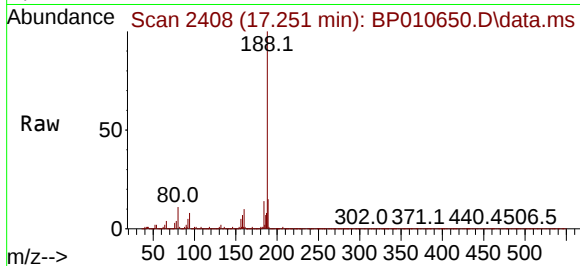




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP010650.D
Acq: 01 Jun 2022 14:25

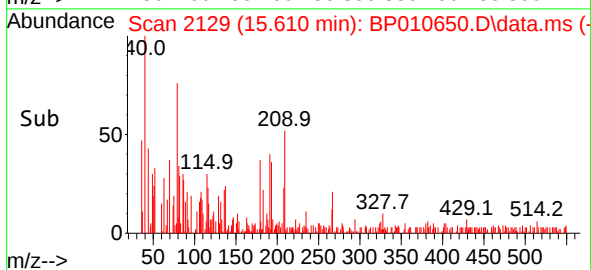
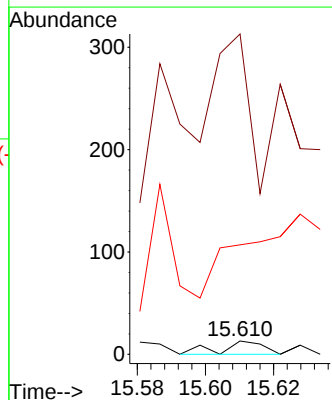
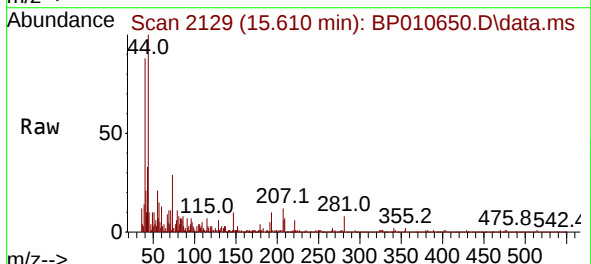
Instrument :
BNA_P
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P014-SS002-1824-01

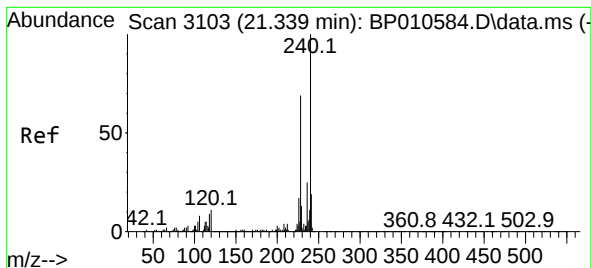
Tgt Ion:188 Resp: 473265
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 10.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.606 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.030 min
Lab File: BP010650.D
Acq: 01 Jun 2022 14:25

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 2407.7 41.2 81.2#
105 823.1 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: BP010650.D

Acq: 01 Jun 2022 14:25

Instrument :

BNA_P

ClientSampleId :

P014-SS002-1824-01

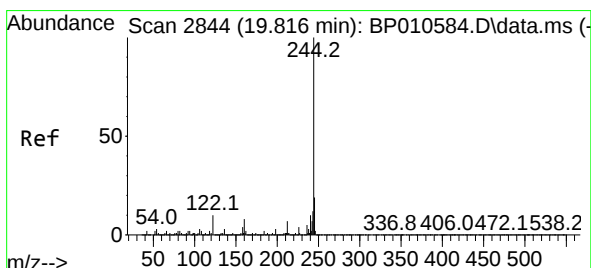
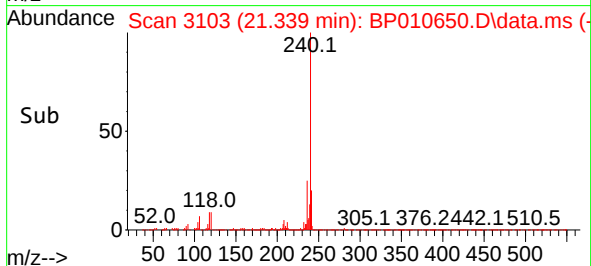
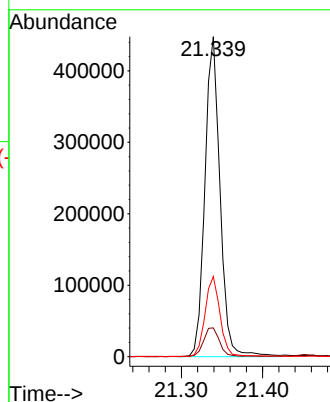
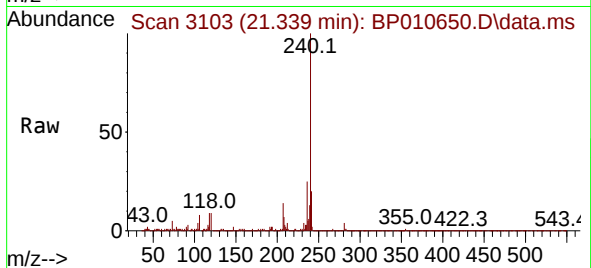
Tgt Ion:240 Resp: 577767

Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 25.0 19.8 29.6



#79

Terphenyl-d14

Concen: 61.499 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010650.D

Acq: 01 Jun 2022 14:25

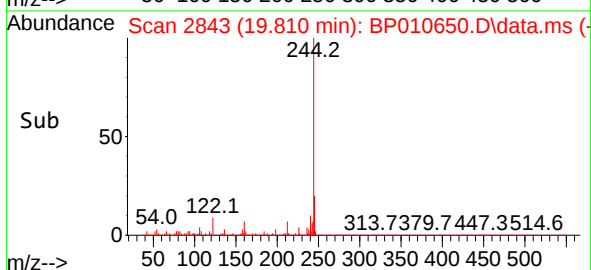
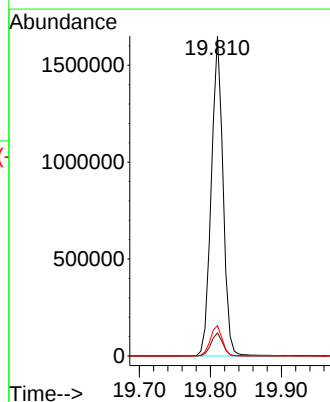
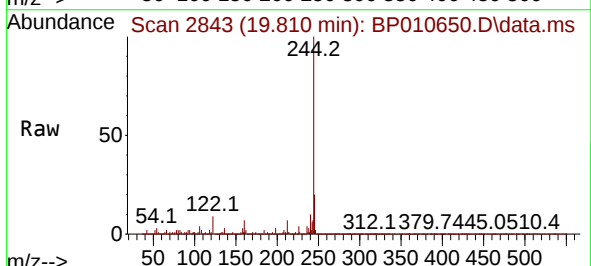
Tgt Ion:244 Resp: 1891704

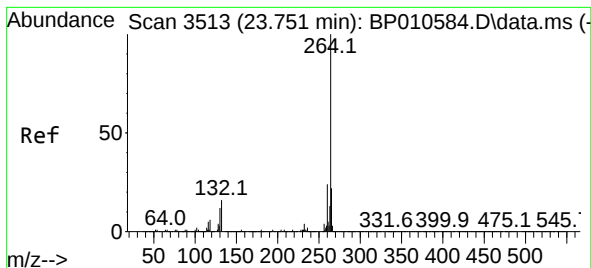
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.5 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: BP010650.D

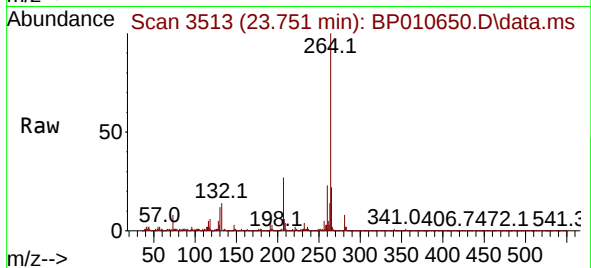
Acq: 01 Jun 2022 14:25

Instrument :

BNA_P

ClientSampleId :

P014-SS002-1824-01



Tgt Ion:264 Resp: 702860

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 22.4 18.0 27.0

