

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010621.D
 Acq On : 29 May 2022 16:20
 Operator : CG/JU
 Sample : N2851-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P035-SS001-1824-01

Quant Time: May 30 02:06:43 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)

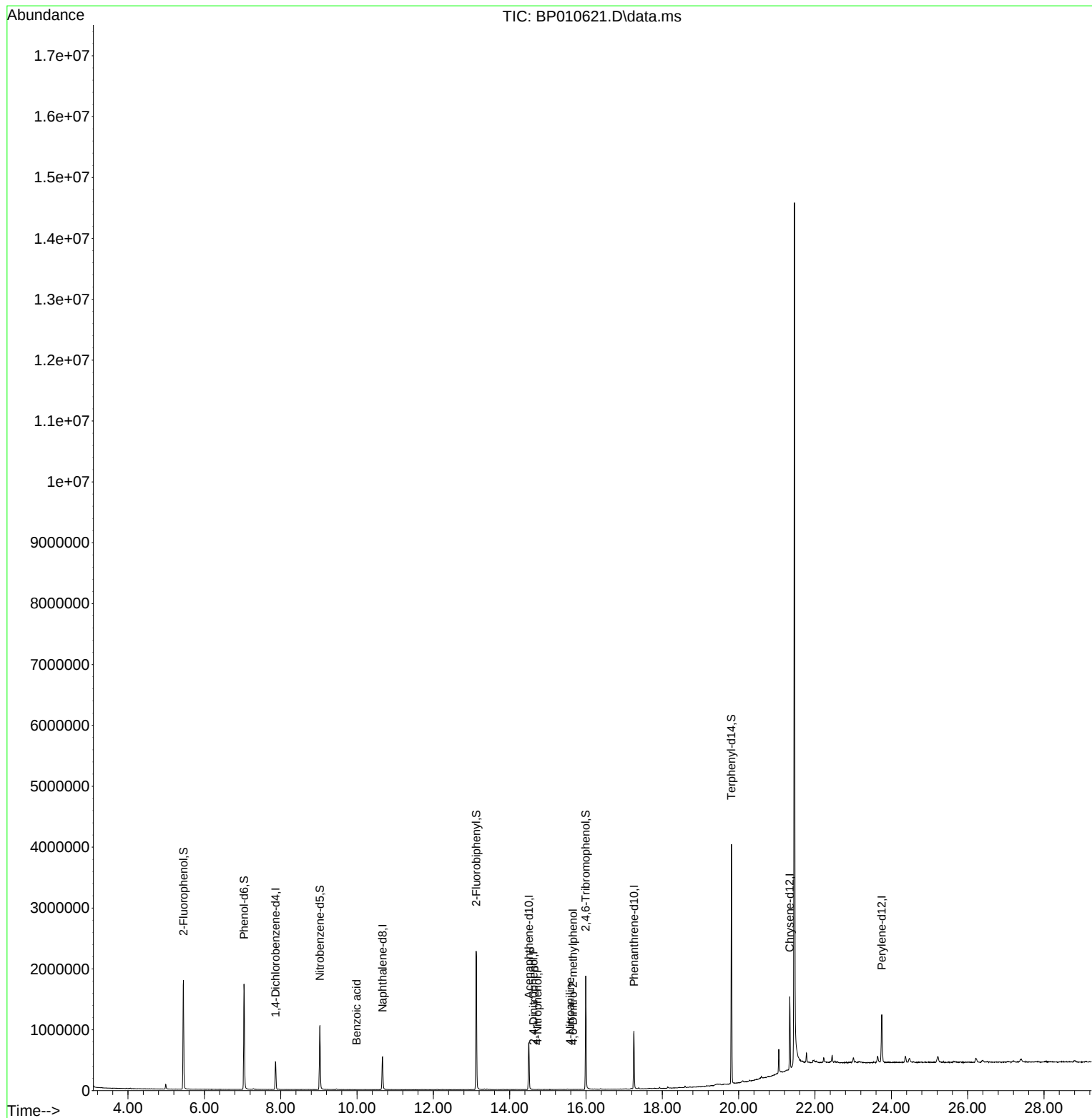
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	119254	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	460547	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	279205	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	580632	20.000	ng	0.00
76) Chrysene-d12	21.339	240	565053	20.000	ng	0.00
86) Perylene-d12	23.751	264	580878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	690168	105.580	ng	0.00
7) Phenol-d6	7.040	99	912611	98.340	ng	0.00
23) Nitrobenzene-d5	9.028	82	616658	63.304	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	328951	104.083	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1159898	58.959	ng	0.00
79) Terphenyl-d14	19.810	244	1773155	58.942	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	7	7.325	ng	# 1
54) 2,4-Dinitrophenol	14.622	184	38	6.659	ng	# 22
56) 4-Nitrophenol	14.728	139	19	3.602	ng	# 1
62) 4-Nitroaniline	15.586	138	34	2.140	ng	# 54
65) 4,6-Dinitro-2-methylph...	15.663	198	4	4.604	ng	# 1

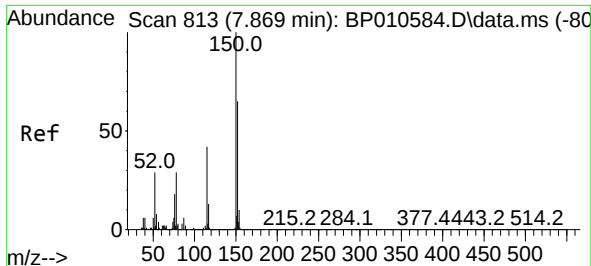
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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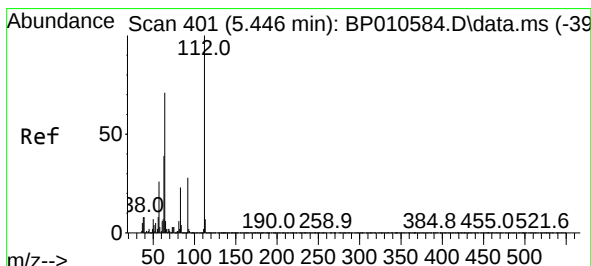
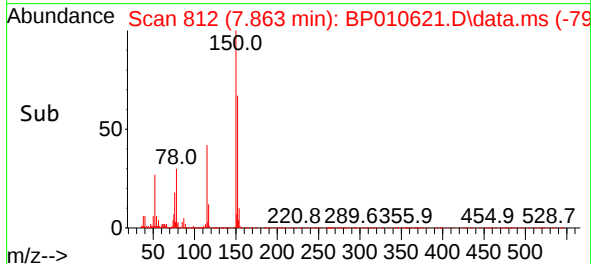
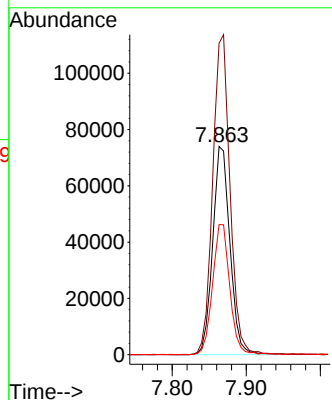
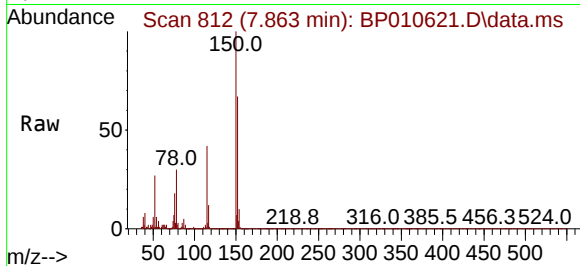




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP010621.D
Acq: 29 May 2022 16:20

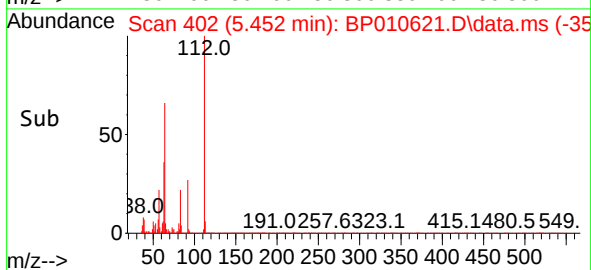
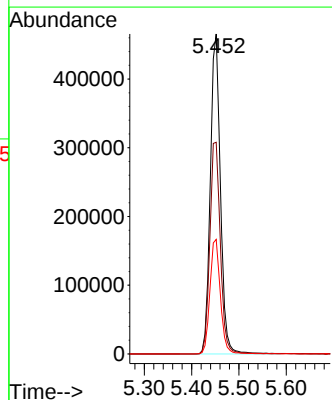
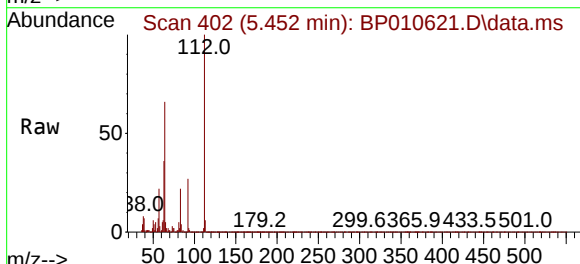
Instrument :
BNA_P
ClientSampleId :
P035-SS001-1824-01

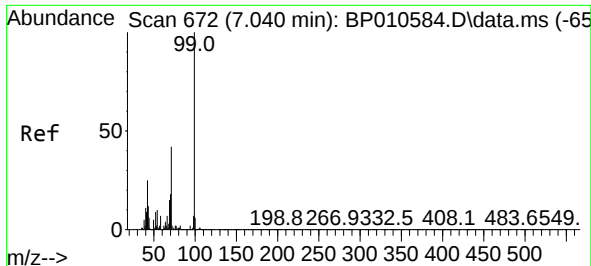
Tgt Ion:152 Resp: 119254
Ion Ratio Lower Upper
152 100
150 149.6 123.4 185.2
115 62.5 51.3 76.9



#5
2-Fluorophenol
Concen: 105.580 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010621.D
Acq: 29 May 2022 16:20

Tgt Ion:112 Resp: 690168
Ion Ratio Lower Upper
112 100
64 66.2 56.9 85.3
63 35.8 31.2 46.8

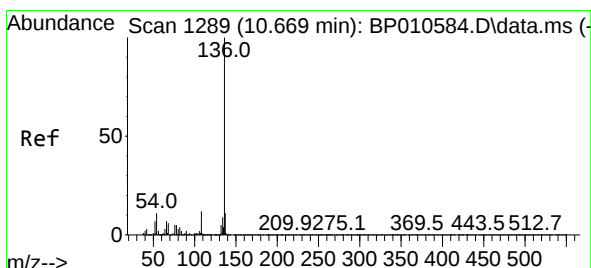
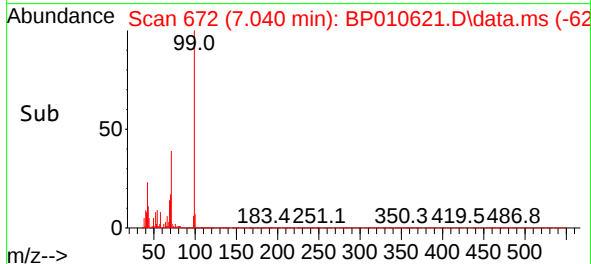
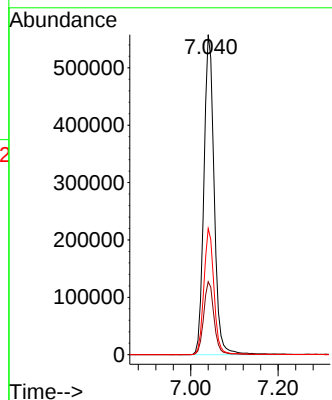
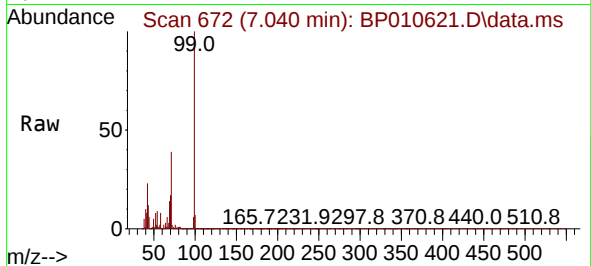




#7
Phenol-d6
Concen: 98.340 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010621.D
Acq: 29 May 2022 16:20

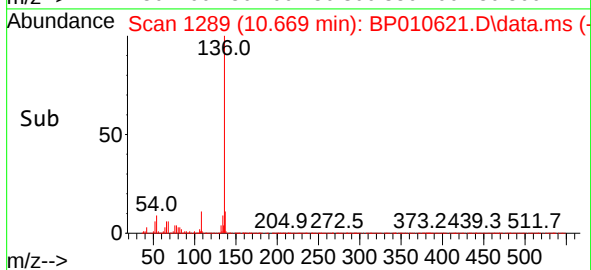
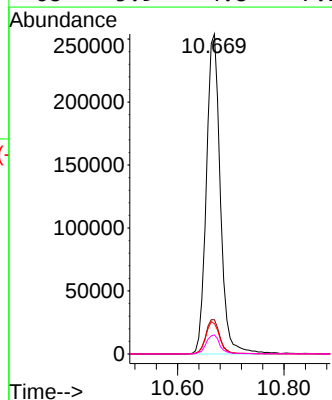
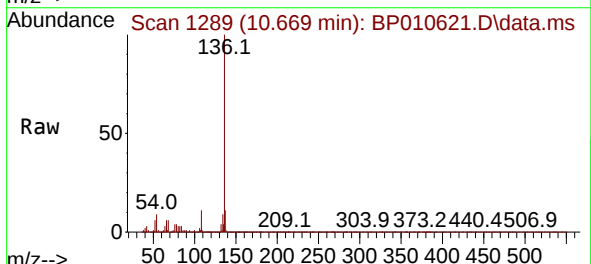
Instrument :
BNA_P
ClientSampleId :
P035-SS001-1824-01

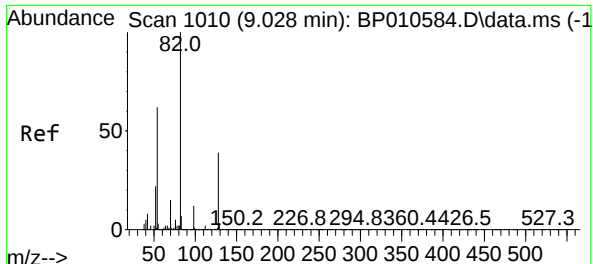
Tgt Ion: 99 Resp: 912611
Ion Ratio Lower Upper
99 100
42 22.8 20.3 30.5
71 39.4 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010621.D
Acq: 29 May 2022 16:20

Tgt Ion: 136 Resp: 460547
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.5 8.7 13.1
68 5.9 4.8 7.2

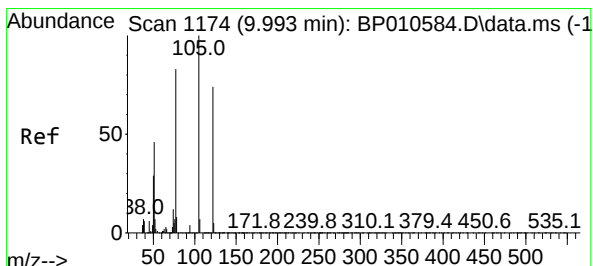
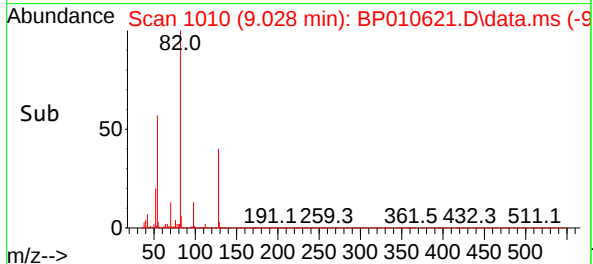
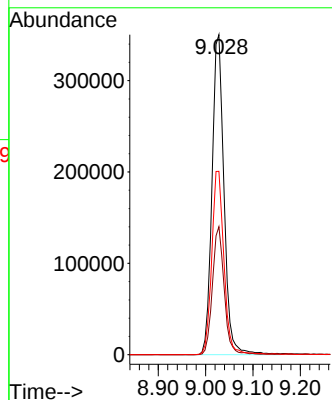
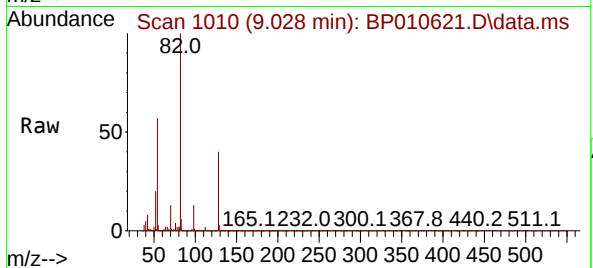




#23
Nitrobenzene-d5
Concen: 63.304 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP010621.D
Acq: 29 May 2022 16:20

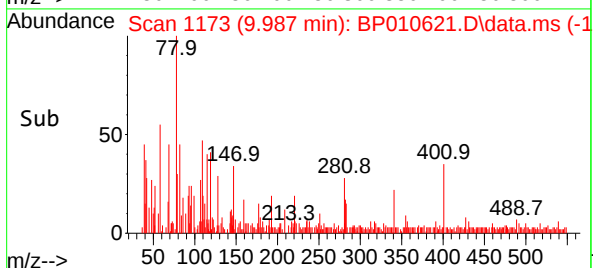
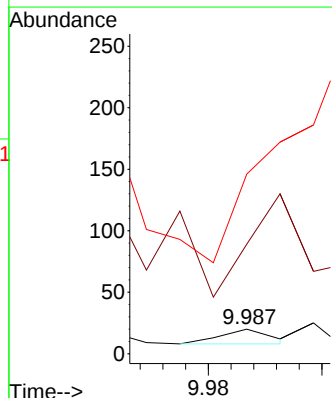
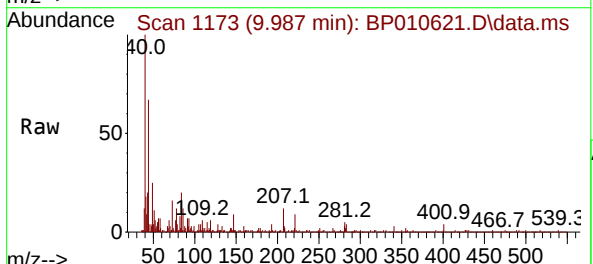
Instrument :
BNA_P
ClientSampleId :
P035-SS001-1824-01

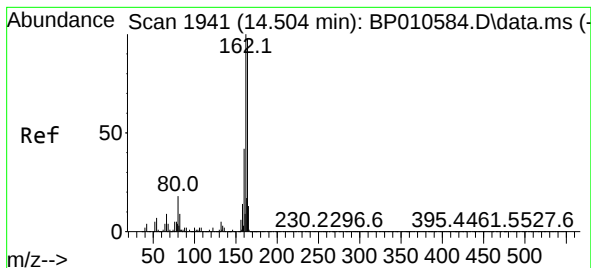
Tgt Ion: 82 Resp: 616658
Ion Ratio Lower Upper
82 100
128 40.0 31.3 46.9
54 57.3 49.8 74.8



#32
Benzoic acid
Concen: 7.325 ng
RT: 9.987 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP010621.D
Acq: 29 May 2022 16:20

Tgt Ion: 122 Resp: 7
Ion Ratio Lower Upper
122 100
105 445.0 112.6 152.6#
77 730.0 90.2 130.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BP010621.D

Acq: 29 May 2022 16:20

Instrument :

BNA_P

ClientSampleId :

P035-SS001-1824-01

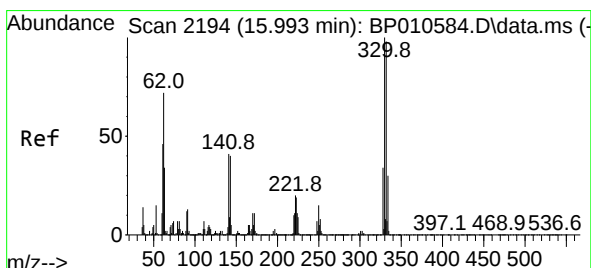
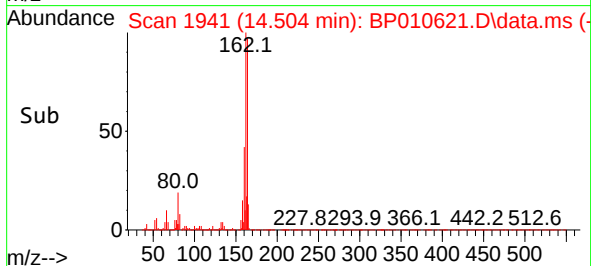
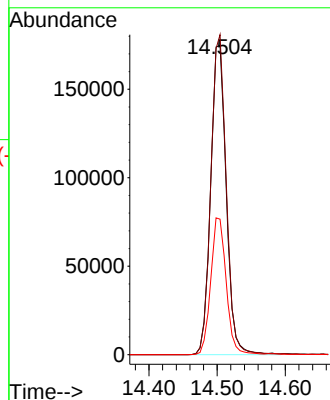
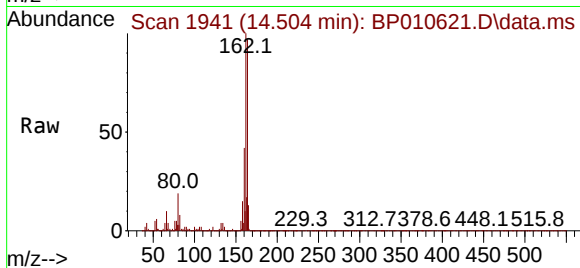
Tgt Ion:164 Resp: 279205

Ion Ratio Lower Upper

164 100

162 103.5 81.9 122.9

160 43.8 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 104.083 ng

RT: 15.992 min Scan# 2194

Delta R.T. -0.001 min

Lab File: BP010621.D

Acq: 29 May 2022 16:20

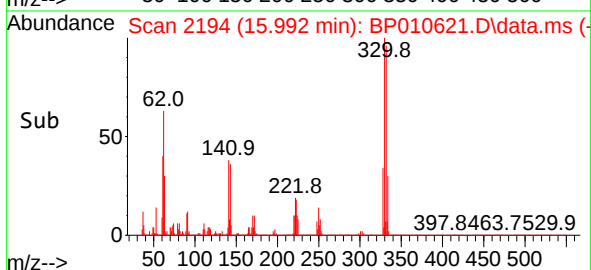
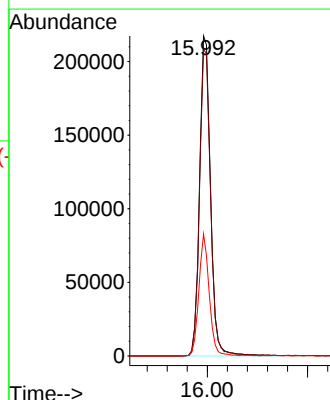
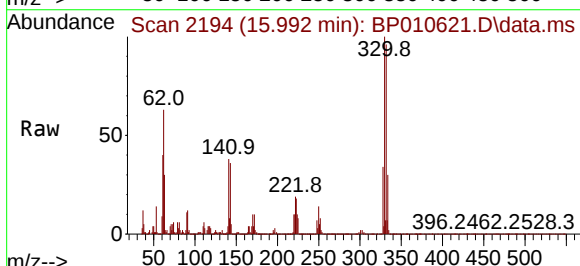
Tgt Ion:330 Resp: 328951

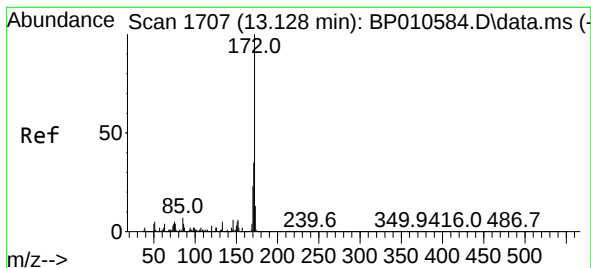
Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

141 36.3 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 58.959 ng

RT: 13.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP010621.D

Acq: 29 May 2022 16:20

Instrument :

BNA_P

ClientSampleId :

P035-SS001-1824-01

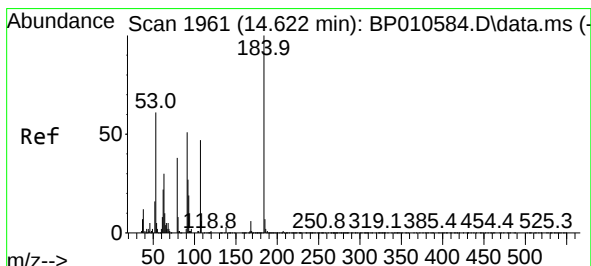
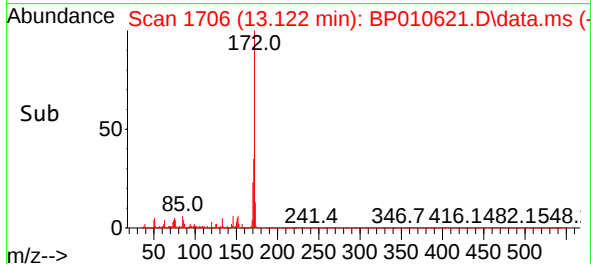
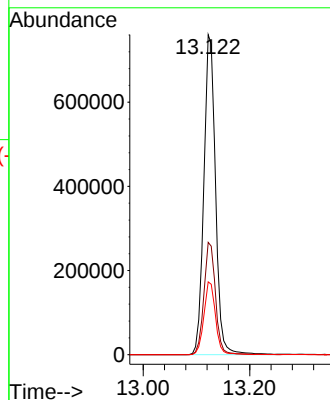
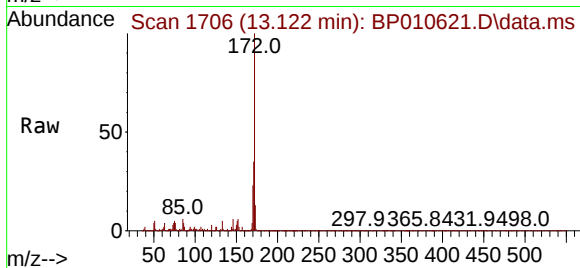
Tgt Ion:172 Resp: 1159898

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 22.8 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.659 ng

RT: 14.622 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BP010621.D

Acq: 29 May 2022 16:20

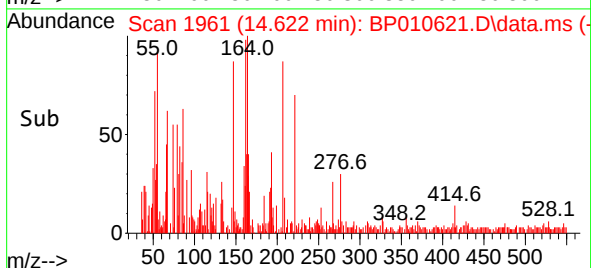
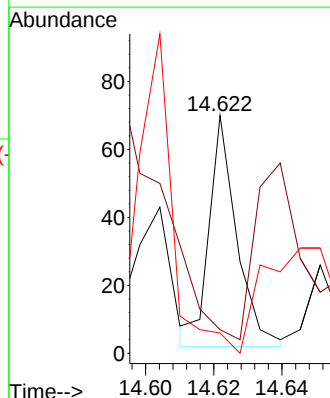
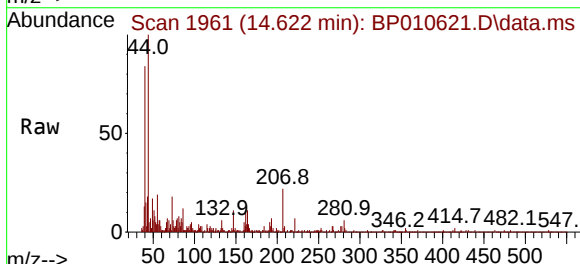
Tgt Ion:184 Resp: 38

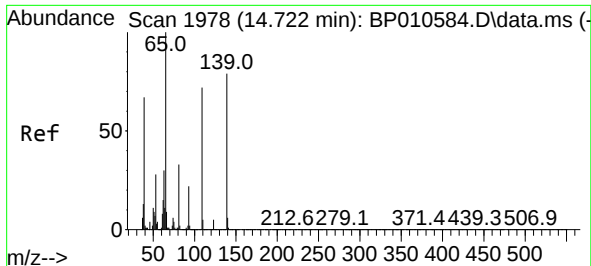
Ion Ratio Lower Upper

184 100

63 10.0 65.4 98.2#

154 8.6 55.4 83.2#

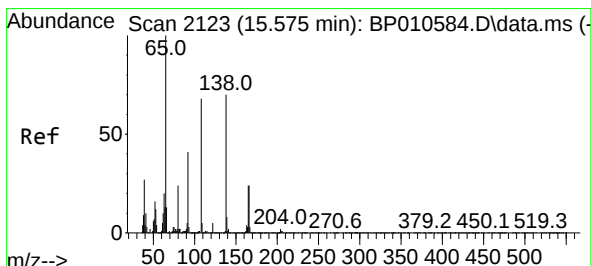
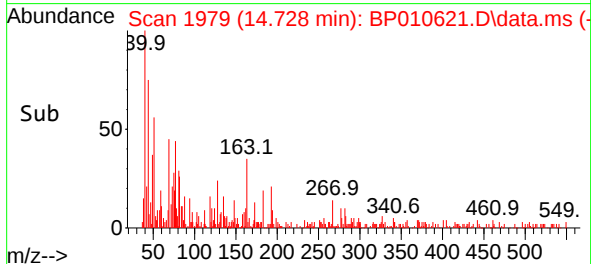
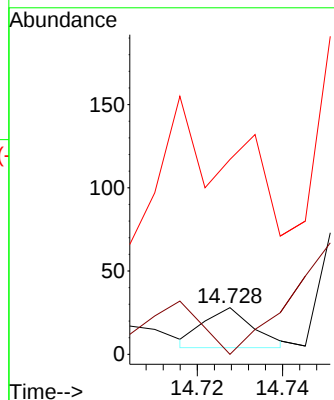
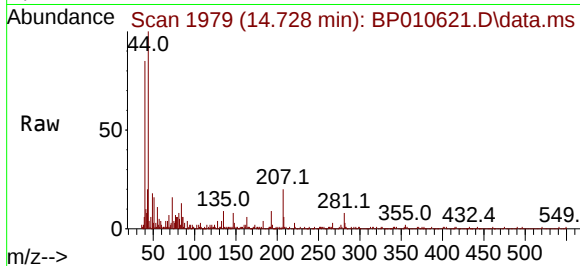




#56
4-Nitrophenol
Concen: 3.602 ng
RT: 14.728 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP010621.D
Acq: 29 May 2022 16:20

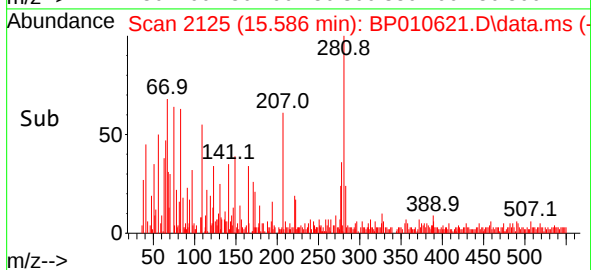
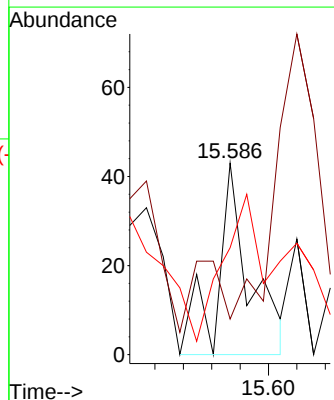
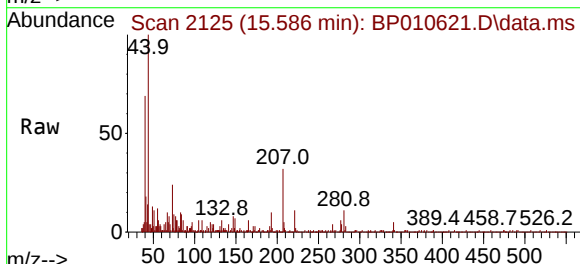
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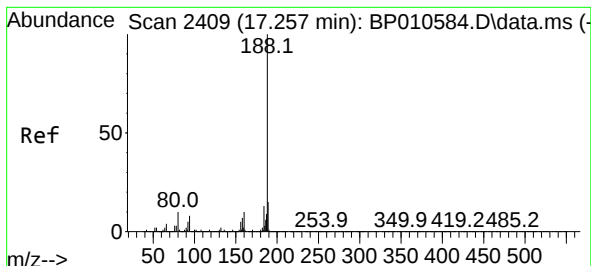
Tgt Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 28.6 70.6 110.6#
65 417.9 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.140 ng
RT: 15.586 min Scan# 2125
Delta R.T. 0.011 min
Lab File: BP010621.D
Acq: 29 May 2022 16:20

Tgt Ion:138 Resp: 34
Ion Ratio Lower Upper
138 100
92 18.6 38.0 78.0#
108 55.8 77.6 117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 24

Delta R.T. -0.000 min

Lab File: BP010621.D

Acq: 29 May 2022 16:20

Instrument :

BNA_P

ClientSampleId :

P035-SS001-1824-01

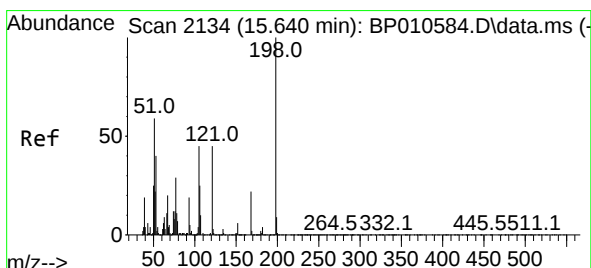
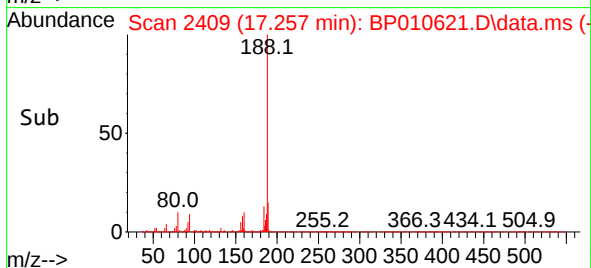
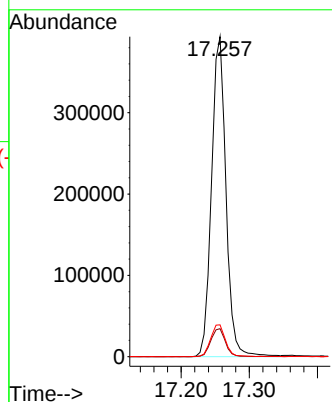
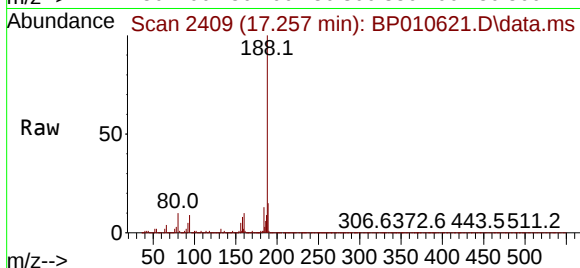
Tgt Ion:188 Resp: 580632

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 10.0 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.604 ng

RT: 15.663 min Scan# 2138

Delta R.T. 0.023 min

Lab File: BP010621.D

Acq: 29 May 2022 16:20

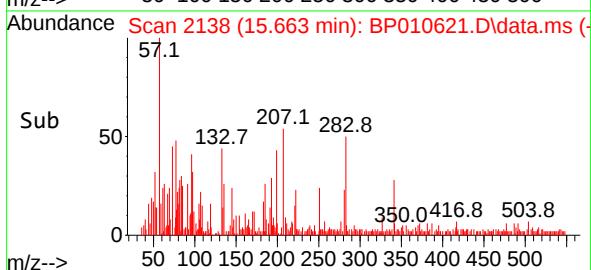
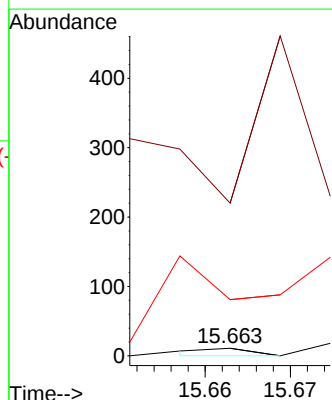
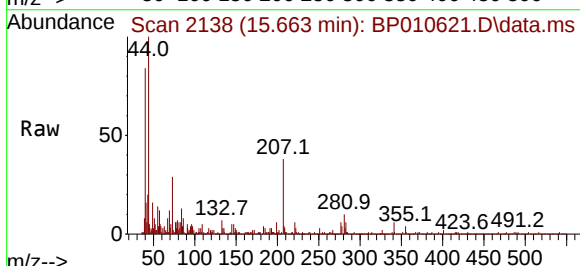
Tgt Ion:198 Resp: 4

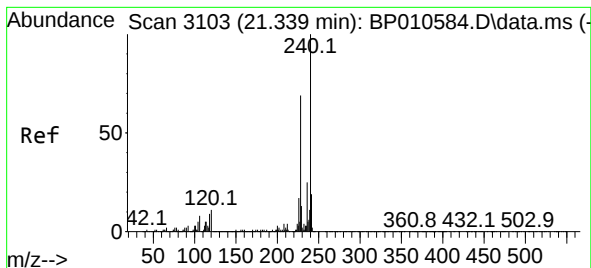
Ion Ratio Lower Upper

198 100

51 2000.0 41.2 81.2#

105 736.4 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: BP010621.D

Acq: 29 May 2022 16:20

Instrument :

BNA_P

ClientSampleId :

P035-SS001-1824-01

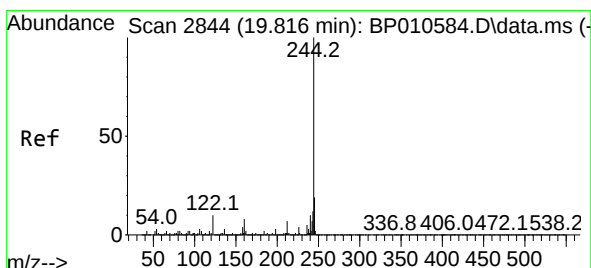
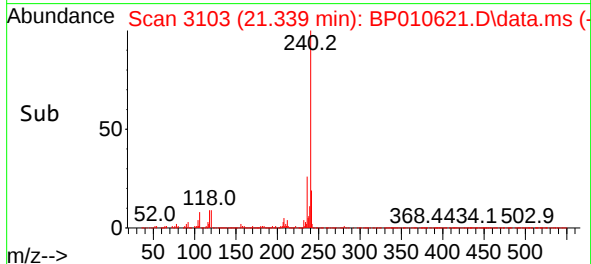
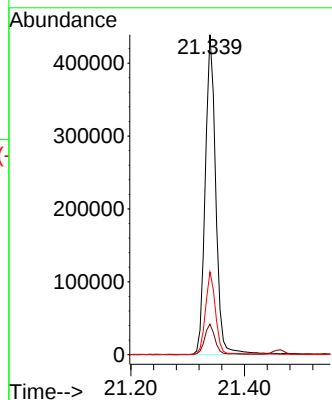
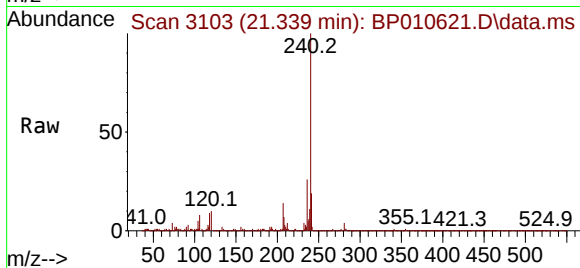
Tgt Ion:240 Resp: 565053

Ion Ratio Lower Upper

240 100

120 9.6 8.6 12.8

236 25.9 19.8 29.6



#79

Terphenyl-d14

Concen: 58.942 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010621.D

Acq: 29 May 2022 16:20

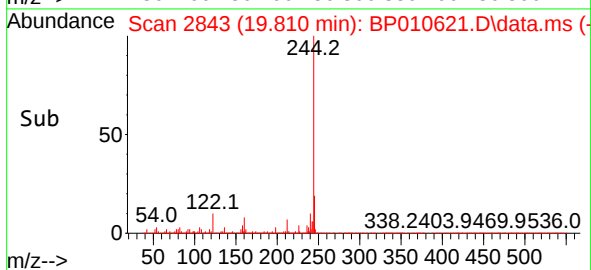
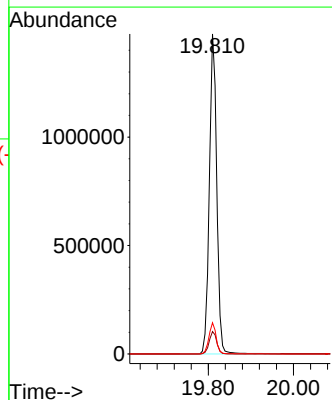
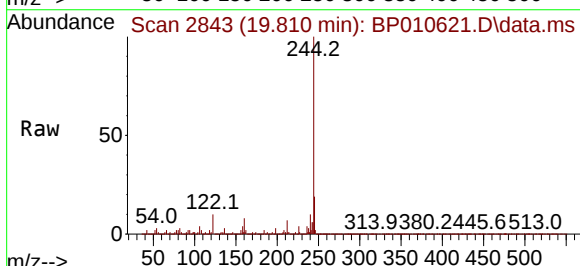
Tgt Ion:244 Resp: 1773155

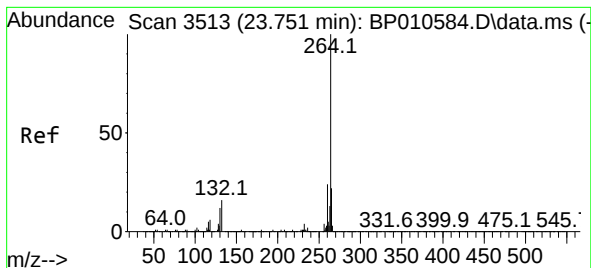
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 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: BP010621.D

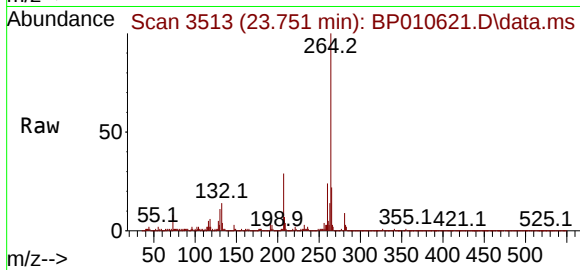
Acq: 29 May 2022 16:20

Instrument :

BNA_P

ClientSampleId :

P035-SS001-1824-01



Tgt Ion:264 Resp: 580878

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.9 18.0 27.0

