

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053122\
 Data File : BP010638.D
 Acq On : 31 May 2022 14:22
 Operator : CG/JU
 Sample : N3065-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20220525

Quant Time: Jun 01 05:29:44 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)

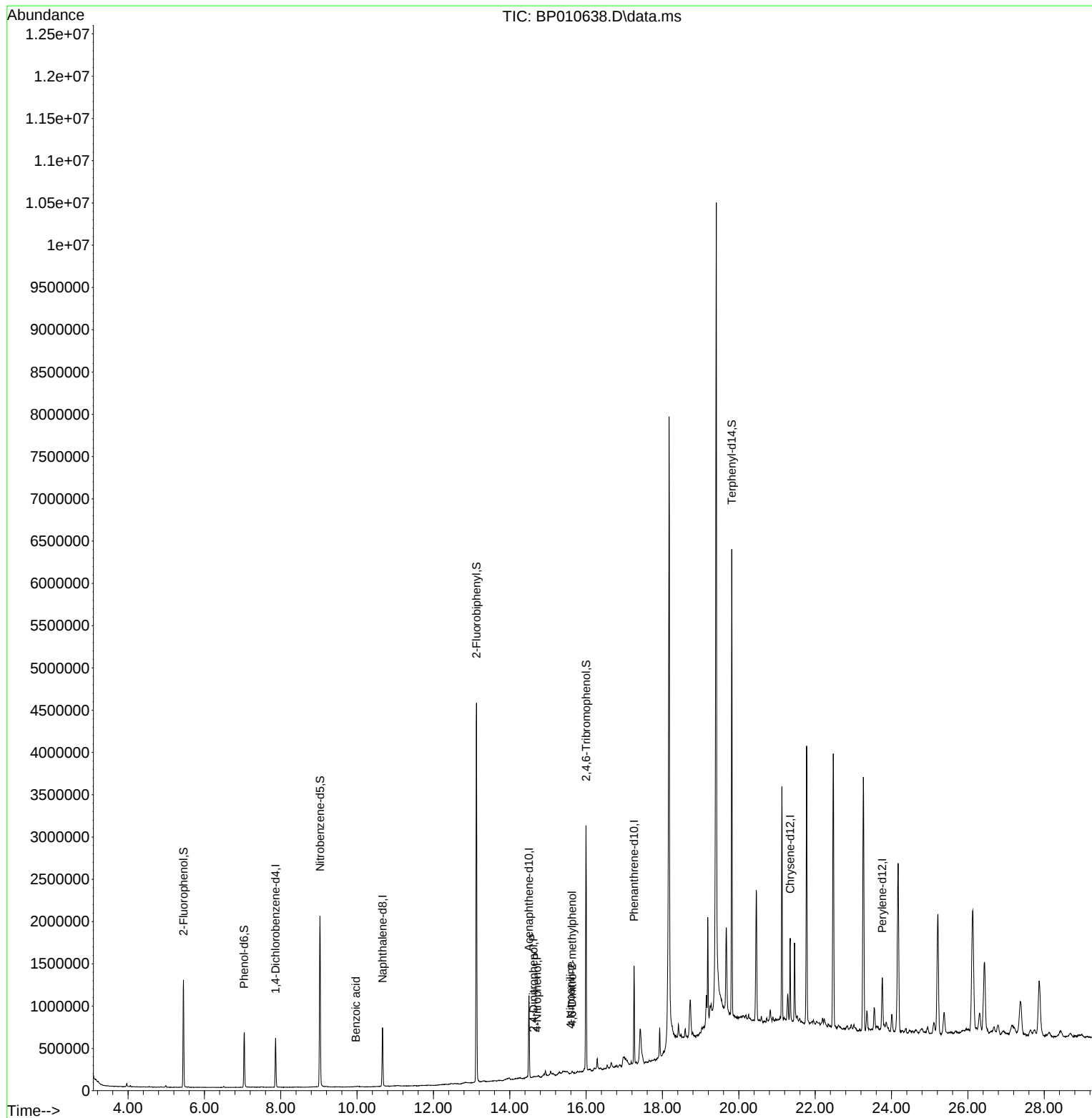
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	144533	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	556227	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	332247	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	667851	20.000	ng	0.00
76) Chrysene-d12	21.345	240	462755	20.000	ng	0.00
86) Perylene-d12	23.757	264	445785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	464096	58.579	ng	0.00
7) Phenol-d6	7.040	99	344593	30.638	ng	0.00
23) Nitrobenzene-d5	9.028	82	1102729	93.730	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	509948	135.592	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2188936	93.504	ng	0.00
79) Terphenyl-d14	19.816	244	2482696	100.772	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.969	122	145	7.348	ng	# 41
54) 2,4-Dinitrophenol	14.622	184	147	6.689	ng	# 50
56) 4-Nitrophenol	14.716	139	411	3.691	ng	# 52
62) 4-Nitroaniline	15.598	138	151	2.160	ng	# 81
65) 4,6-Dinitro-2-methylph...	15.634	198	14	4.606	ng	# 1

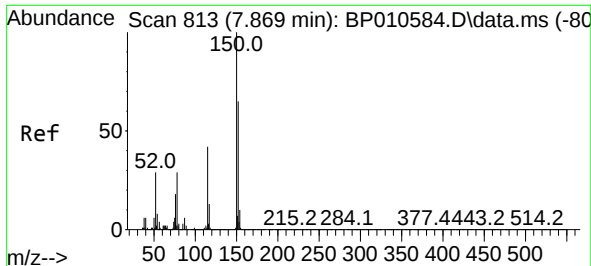
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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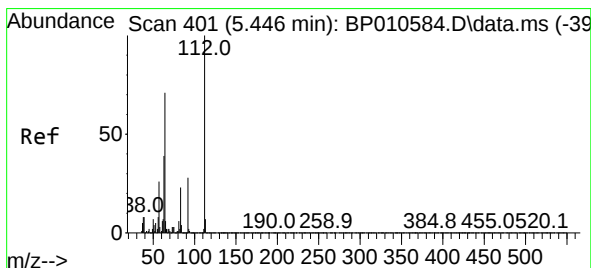
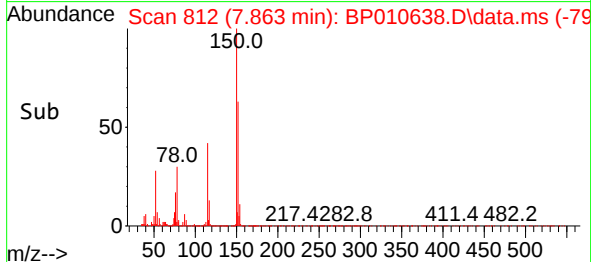
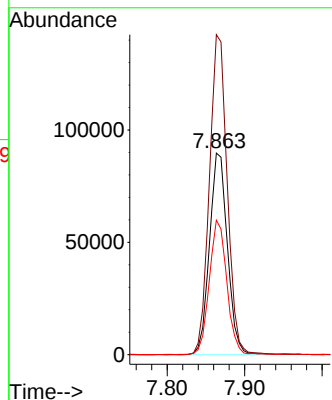
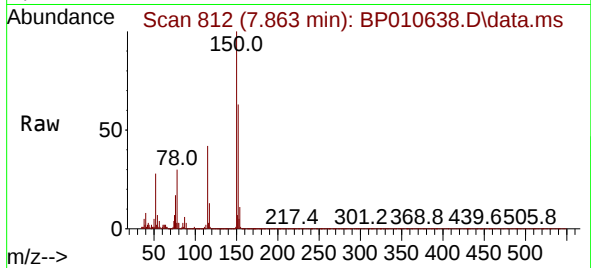




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

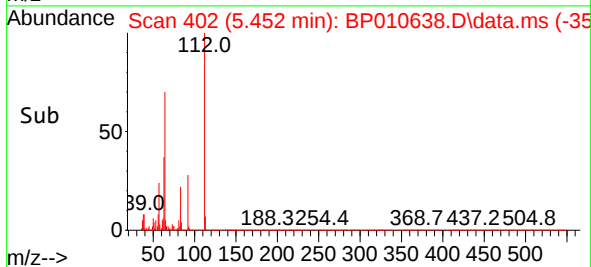
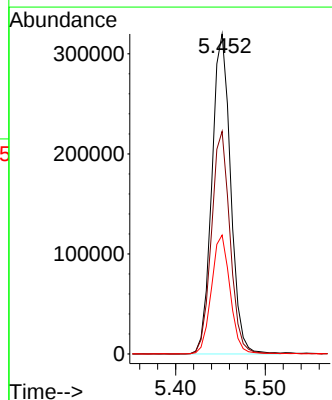
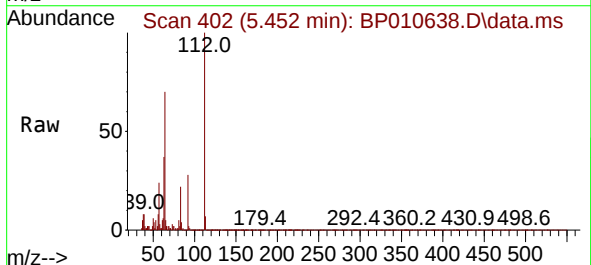
Instrument :
BNA_P
ClientSampleId :
SP-303-20220525

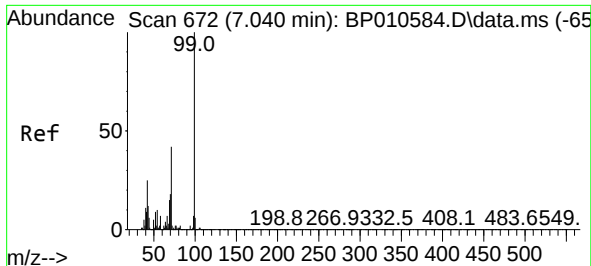
Tgt Ion:152 Resp: 144533
Ion Ratio Lower Upper
152 100
150 158.7 123.4 185.2
115 66.8 51.3 76.9



#5
2-Fluorophenol
Concen: 58.579 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

Tgt Ion:112 Resp: 464096
Ion Ratio Lower Upper
112 100
64 69.5 56.9 85.3
63 37.2 31.2 46.8

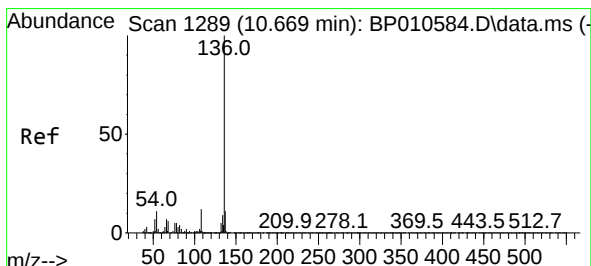
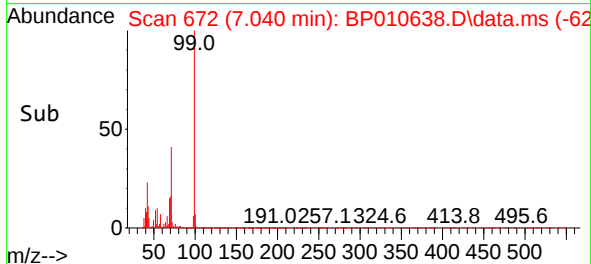
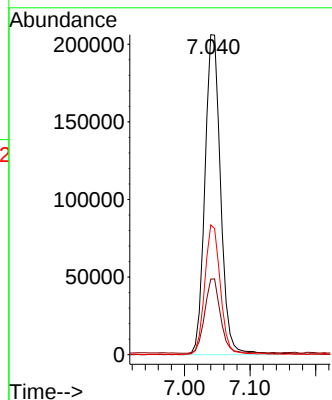
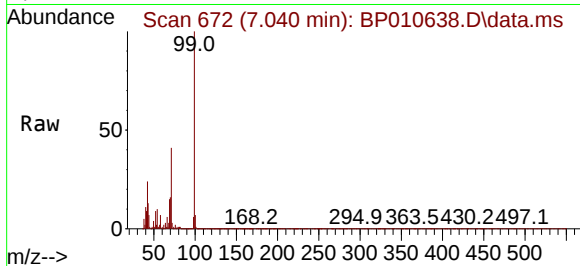




#7
Phenol-d6
Concen: 30.638 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

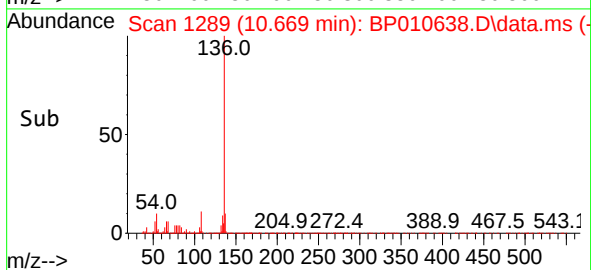
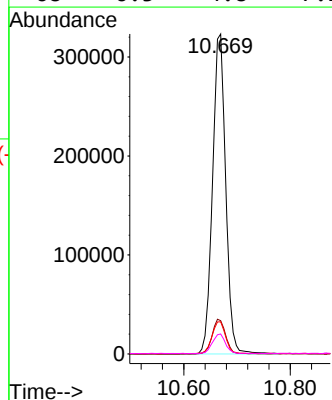
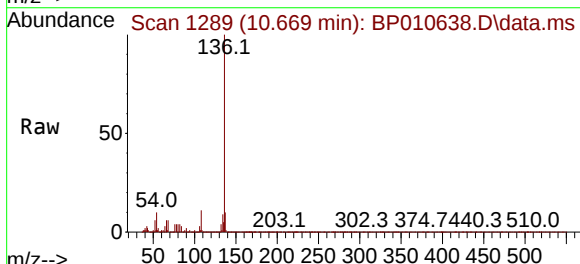
Instrument :
BNA_P
ClientSampleId :
SP-303-20220525

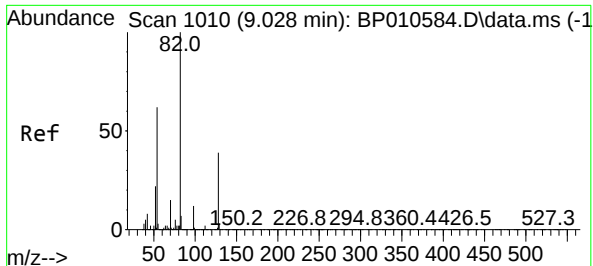
Tgt Ion: 99 Resp: 344593
Ion Ratio Lower Upper
99 100
42 23.6 20.3 30.5
71 40.5 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

Tgt Ion:136 Resp: 556227
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 10.0 8.7 13.1
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.730 ng

RT: 9.028 min Scan# 110

Delta R.T. 0.000 min

Lab File: BP010638.D

Acq: 31 May 2022 14:22

Instrument :

BNA_P

ClientSampleId :

SP-303-20220525

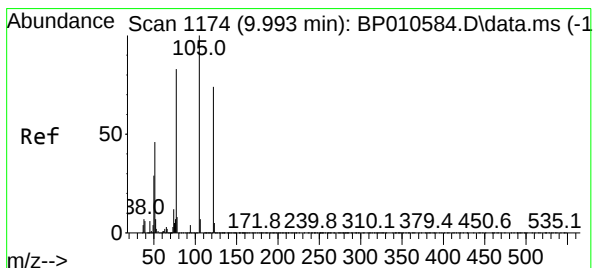
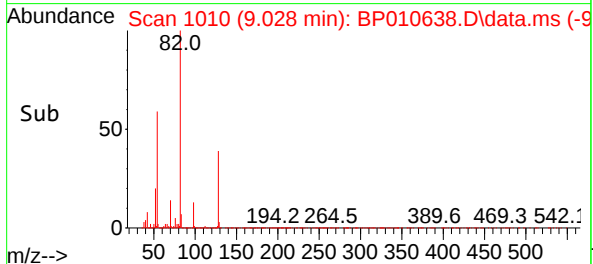
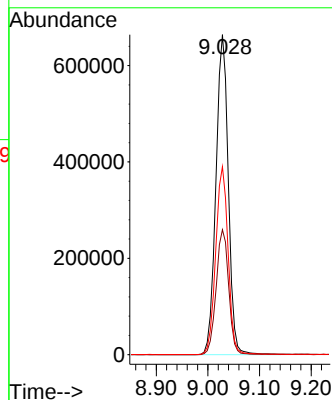
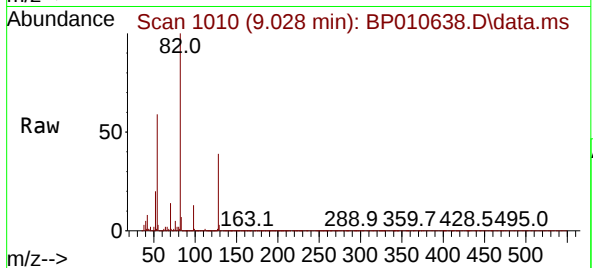
Tgt Ion: 82 Resp: 1102729

Ion Ratio Lower Upper

82 100

128 39.1 31.3 46.9

54 58.7 49.8 74.8



#32

Benzoic acid

Concen: 7.348 ng

RT: 9.969 min Scan# 1170

Delta R.T. -0.024 min

Lab File: BP010638.D

Acq: 31 May 2022 14:22

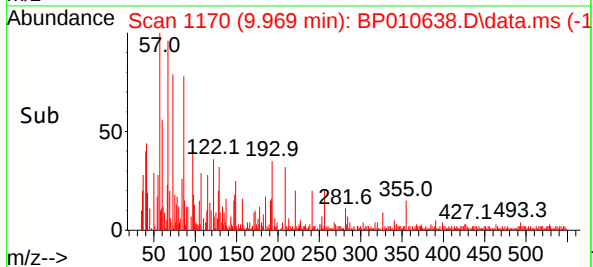
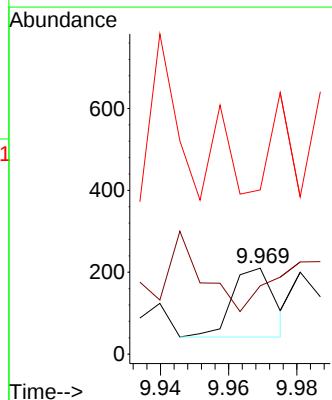
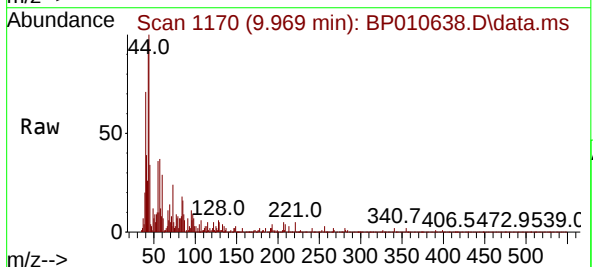
Tgt Ion:122 Resp: 145

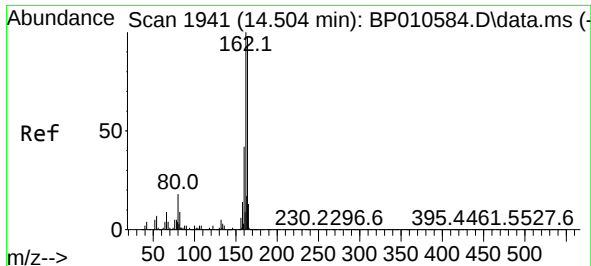
Ion Ratio Lower Upper

122 100

105 79.5 112.6 152.6#

77 191.0 90.2 130.2#

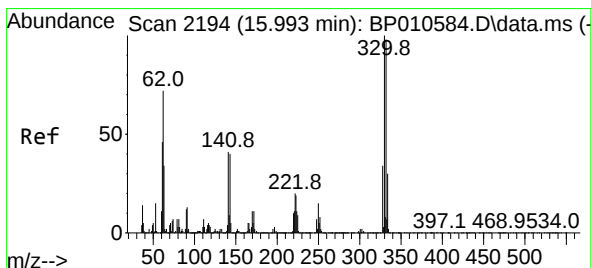
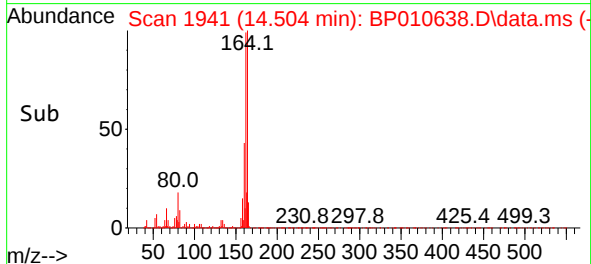
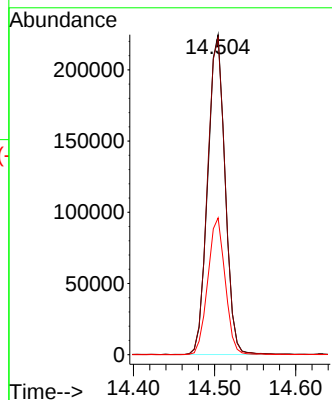
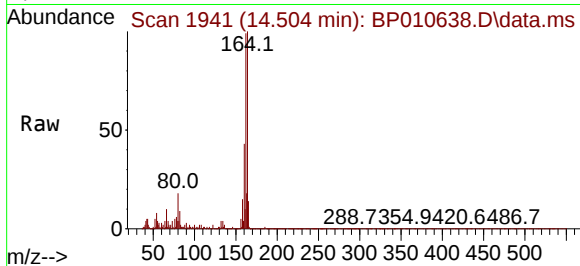




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

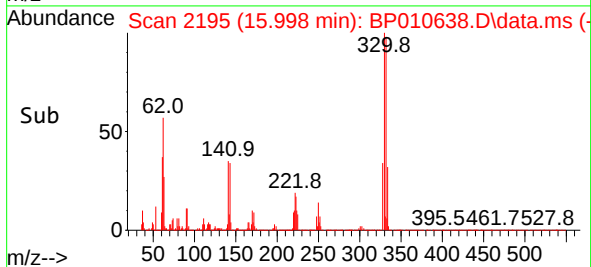
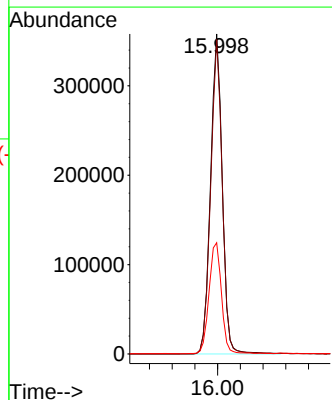
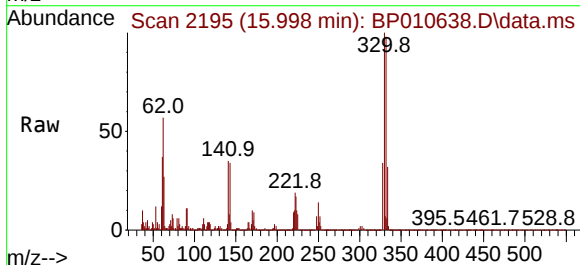
Instrument :
BNA_P
ClientSampleId :
SP-303-20220525

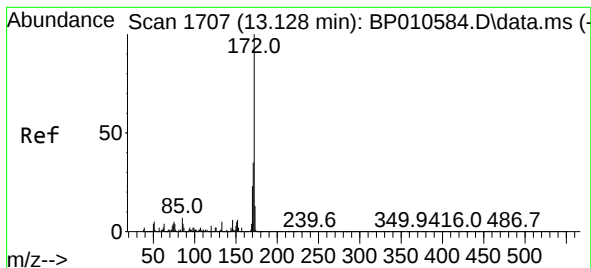
Tgt Ion:164 Resp: 332247
Ion Ratio Lower Upper
164 100
162 99.1 81.9 122.9
160 42.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 135.592 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

Tgt Ion:330 Resp: 509948
Ion Ratio Lower Upper
330 100
332 97.2 78.1 117.1
141 36.9 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 93.504 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010638.D

Acq: 31 May 2022 14:22

Instrument :

BNA_P

ClientSampleId :

SP-303-20220525

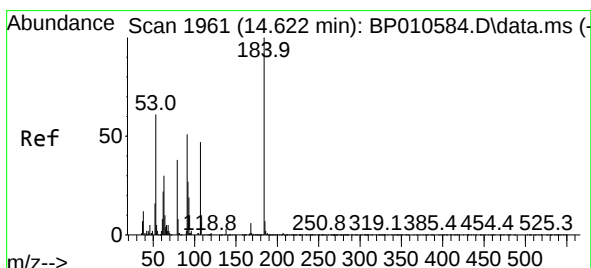
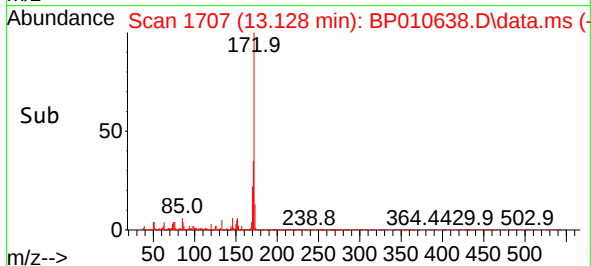
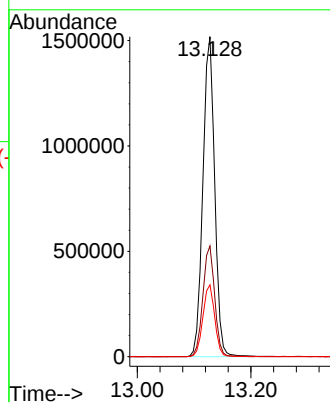
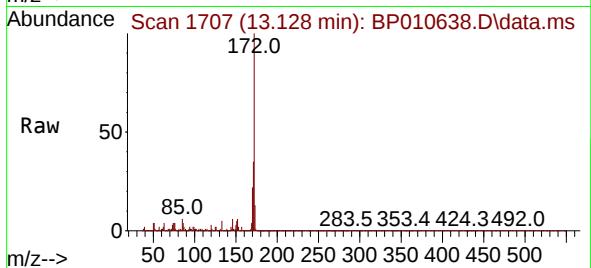
Tgt Ion:172 Resp: 2188936

Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 22.5 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.689 ng

RT: 14.622 min Scan# 1961

Delta R.T. -0.000 min

Lab File: BP010638.D

Acq: 31 May 2022 14:22

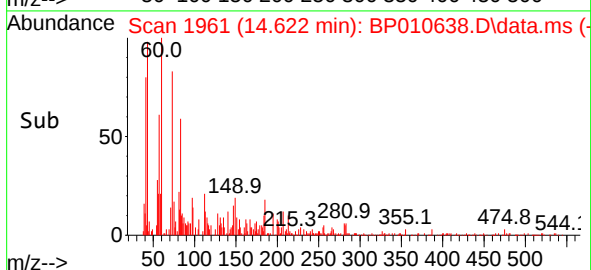
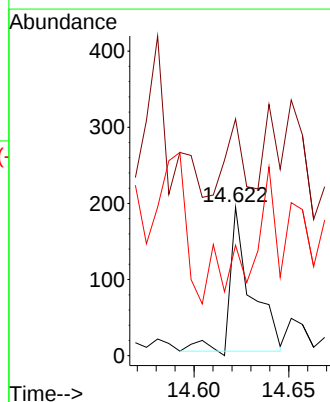
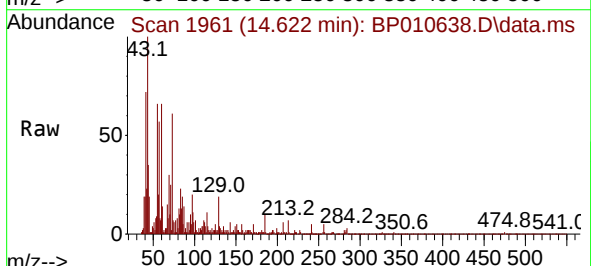
Tgt Ion:184 Resp: 147

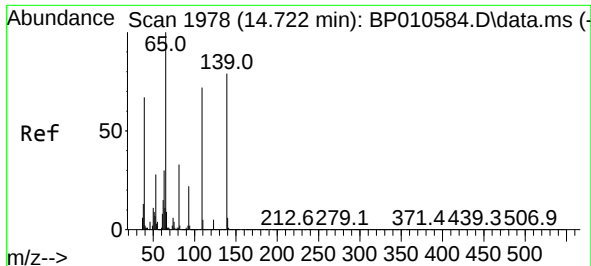
Ion Ratio Lower Upper

184 100

63 159.5 65.4 98.2#

154 74.4 55.4 83.2

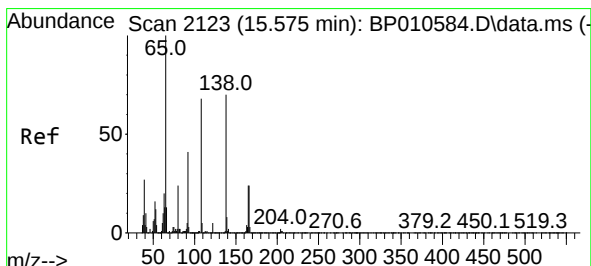
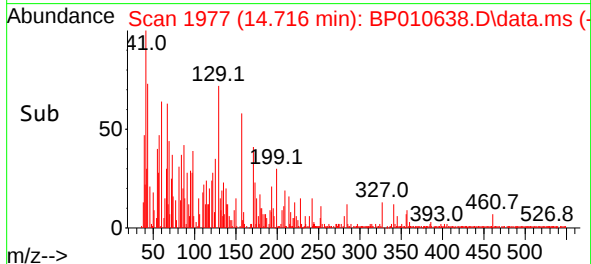
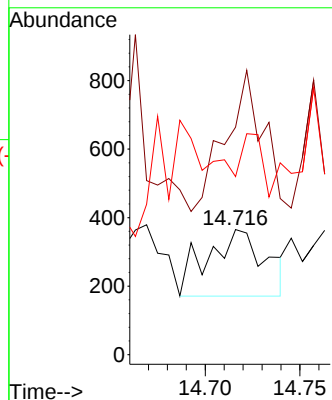
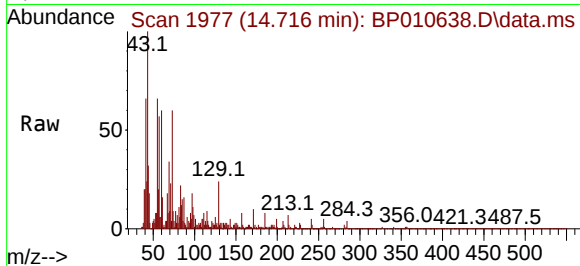




#56
4-Nitrophenol
Concen: 3.691 ng
RT: 14.716 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

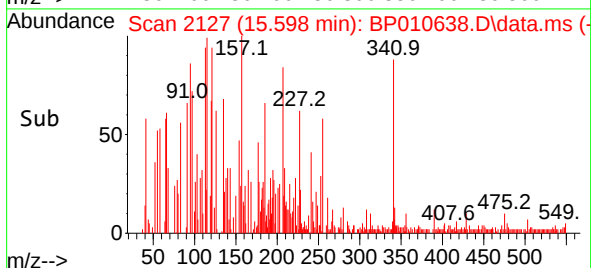
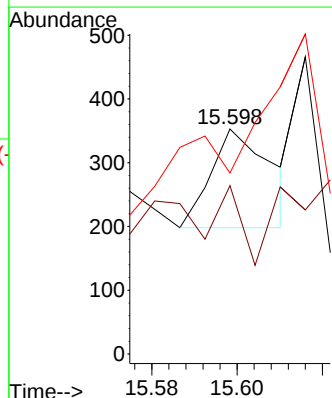
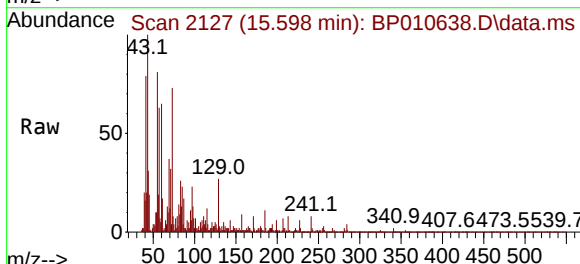
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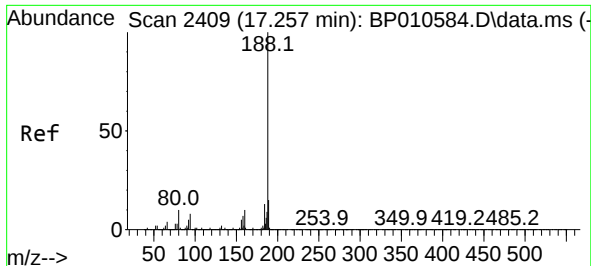
Tgt Ion:139 Resp: 411
Ion Ratio Lower Upper
139 100
109 181.9 70.6 110.6#
65 142.5 106.6 146.6



#62
4-Nitroaniline
Concen: 2.160 ng
RT: 15.598 min Scan# 2127
Delta R.T. 0.023 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

Tgt Ion:138 Resp: 151
Ion Ratio Lower Upper
138 100
92 74.8 38.0 78.0
108 80.5 77.6 117.6

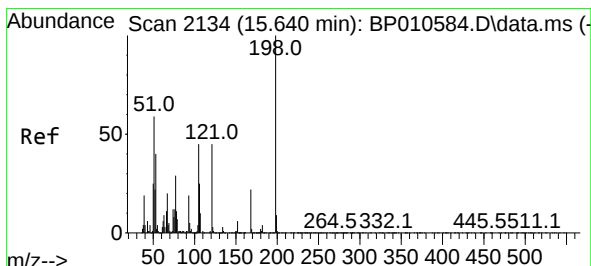
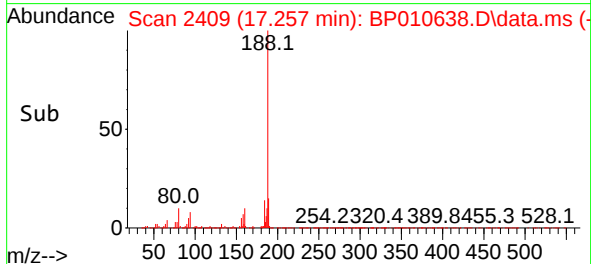
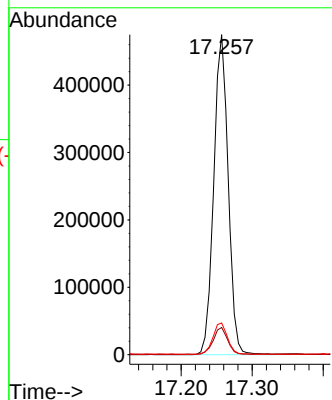
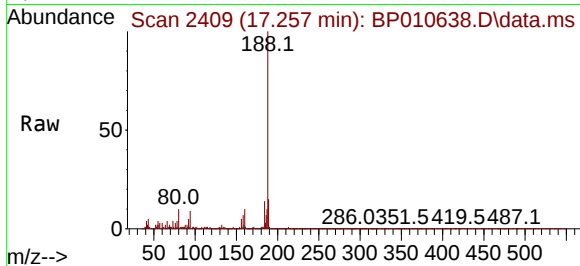




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

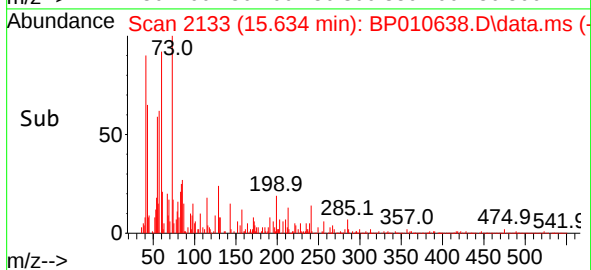
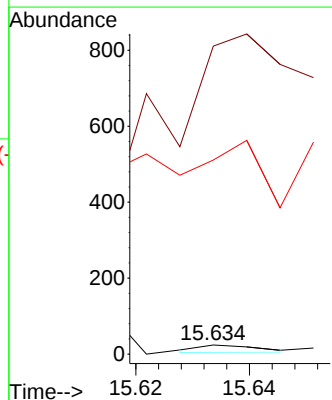
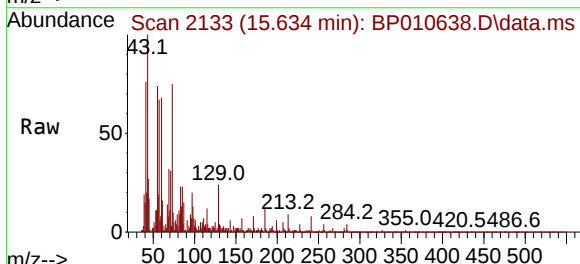
Instrument :
BNA_P
ClientSampleId :
SP-303-20220525

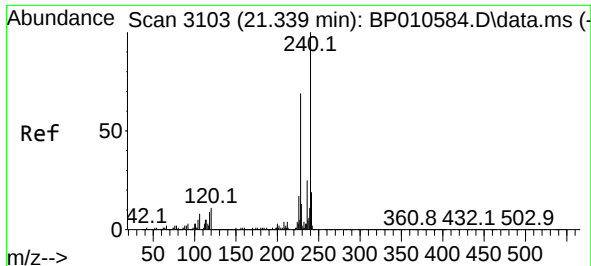
Tgt Ion:188 Resp: 667851
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.9 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.606 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 3379.2 41.2 81.2#
105 2129.2 25.3 65.3#

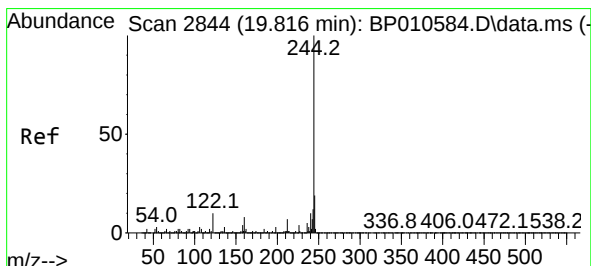
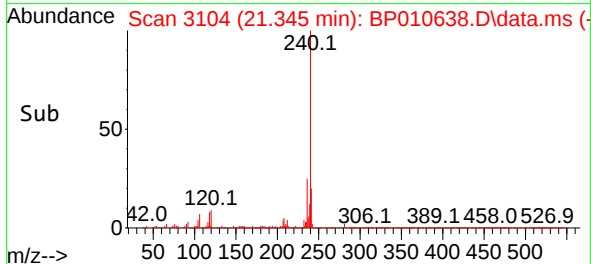
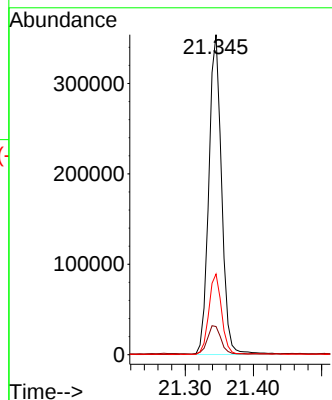
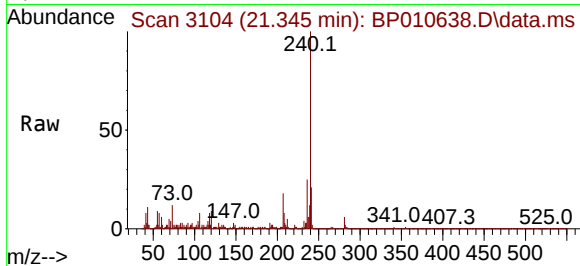




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

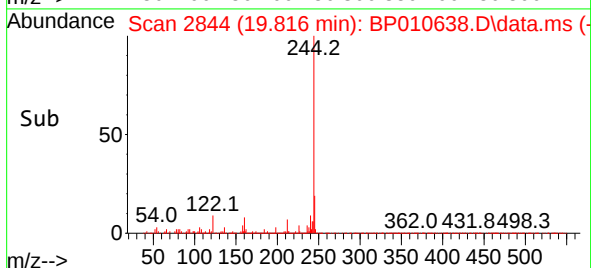
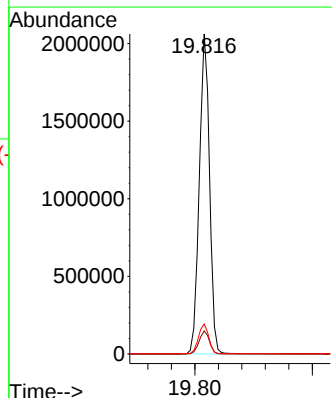
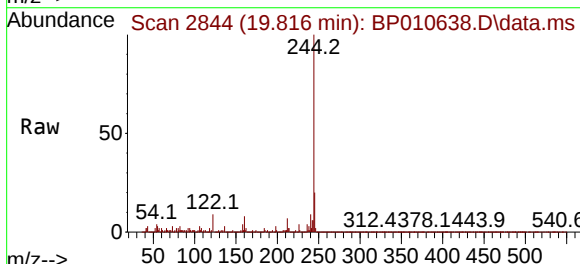
Instrument :
BNA_P
ClientSampleId :
SP-303-20220525

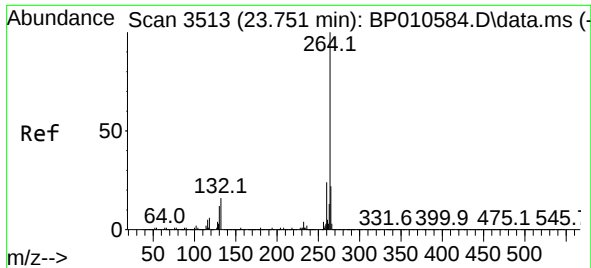
Tgt Ion:240 Resp: 462755
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 25.2 19.8 29.6



#79
Terphenyl-d14
Concen: 100.772 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010638.D
Acq: 31 May 2022 14:22

Tgt Ion:244 Resp: 2482696
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.3 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.757 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP010638.D

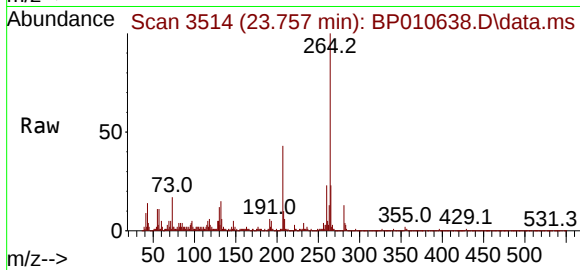
Acq: 31 May 2022 14:22

Instrument :

BNA_P

ClientSampleId :

SP-303-20220525



Tgt Ion:264 Resp: 445785

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 22.7 18.0 27.0

