

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010654.D
 Acq On : 01 Jun 2022 16:41
 Operator : CG/JU
 Sample : N2984-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

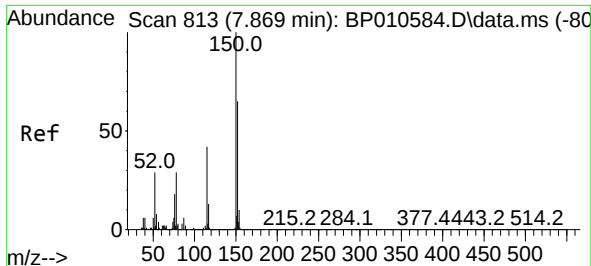
Instrument :
 BNA_P
 ClientSampleId :
 P020-SS001-2430-01

Quant Time: Jun 02 10:05:11 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	60694	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	274165	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	199069	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	462350	20.000	ng	0.00
76) Chrysene-d12	21.339	240	571285	20.000	ng	0.00
86) Perylene-d12	23.745	264	709490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	506954	152.378	ng	0.00
7) Phenol-d6	7.034	99	719319	152.297	ng	0.00
23) Nitrobenzene-d5	9.022	82	466874	80.510	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	372188	165.169	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1092306	77.875	ng	-0.01
79) Terphenyl-d14	19.810	244	2286791	75.187	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.010	122	171	7.382	ng	# 63
54) 2,4-Dinitrophenol	14.610	184	23	6.657	ng	# 59
56) 4-Nitrophenol	14.710	139	26	3.607	ng	# 73
62) 4-Nitroaniline	15.580	138	34	2.143	ng	# 10
65) 4,6-Dinitro-2-methylph...	15.633	198	7	4.605	ng	# 1

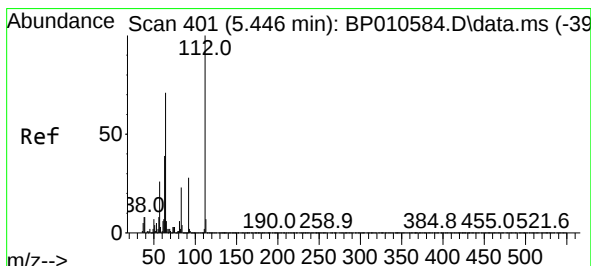
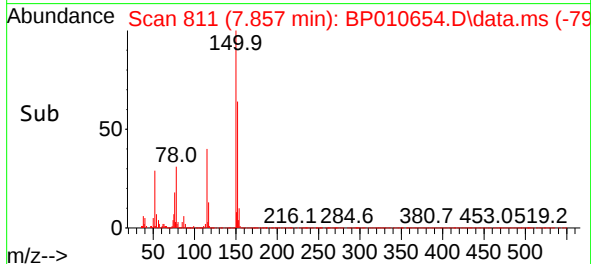
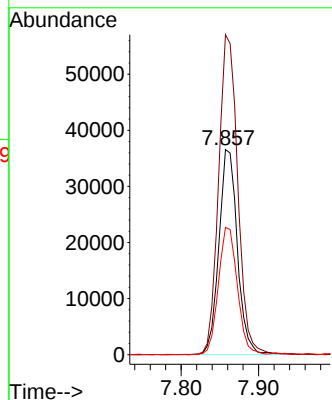
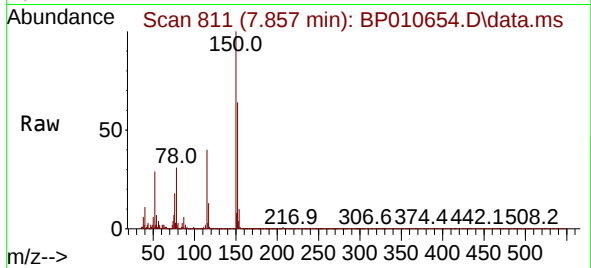
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

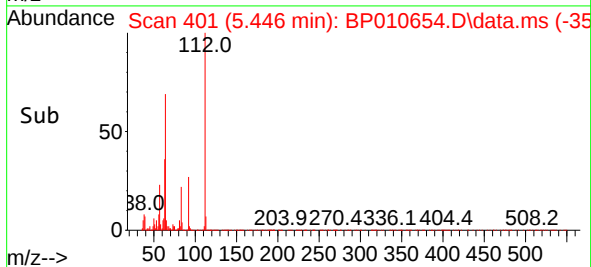
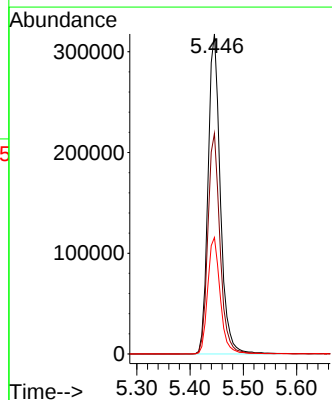
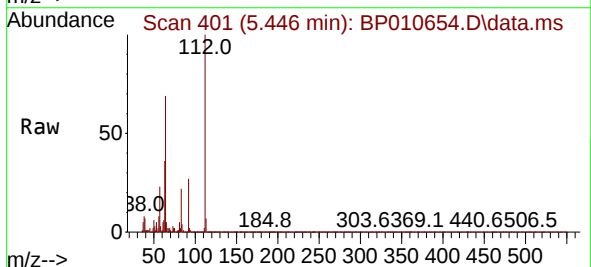
Instrument :
BNA_P
ClientSampleId :
P020-SS001-2430-01

Tgt Ion:152 Resp: 60694
Ion Ratio Lower Upper
152 100
150 156.0 123.4 185.2
115 62.1 51.3 76.9



#5
2-Fluorophenol
Concen: 152.378 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

Tgt Ion:112 Resp: 506954
Ion Ratio Lower Upper
112 100
64 68.9 56.9 85.3
63 36.4 31.2 46.8

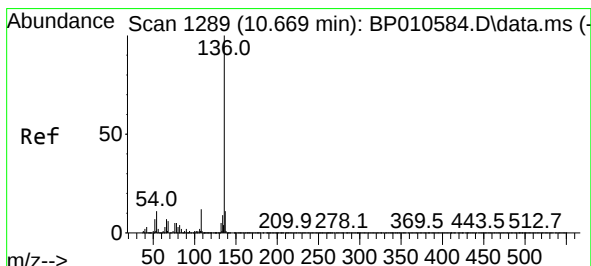
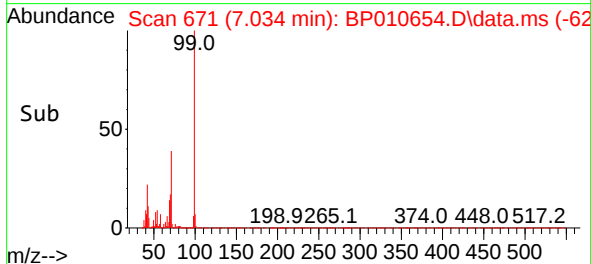
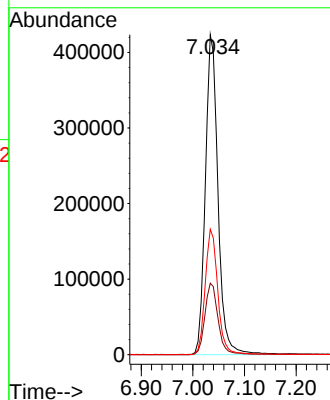
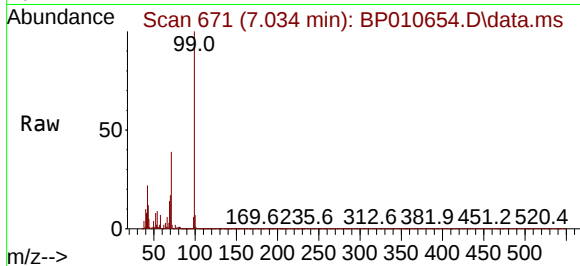




#7
Phenol-d6
Concen: 152.297 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

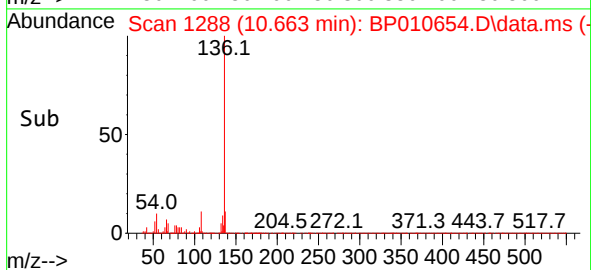
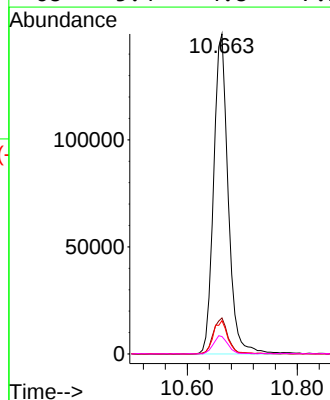
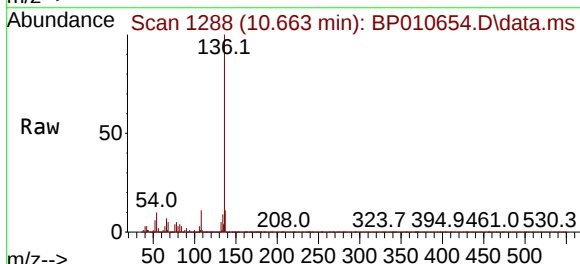
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BNA_P
ClientSampleId :
P020-SS001-2430-01

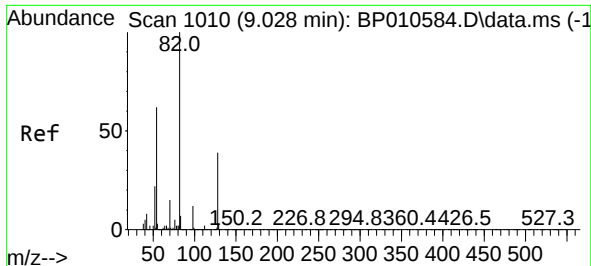
Tgt Ion: 99 Resp: 719319
Ion Ratio Lower Upper
99 100
42 22.4 20.3 30.5
71 39.2 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

Tgt Ion:136 Resp: 274165
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.4 8.7 13.1
68 5.4 4.8 7.2

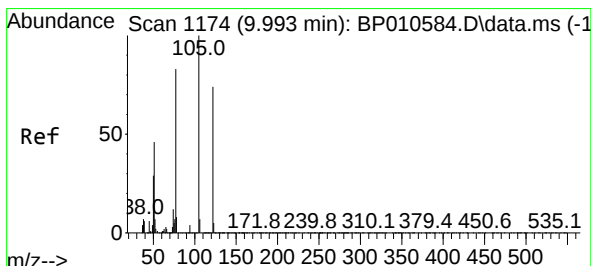
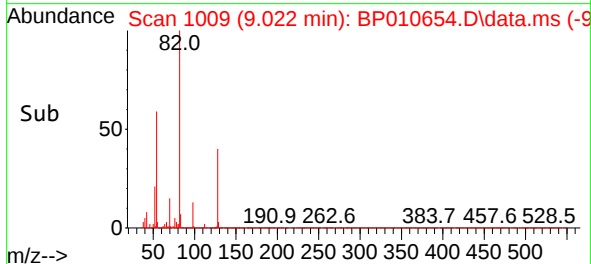
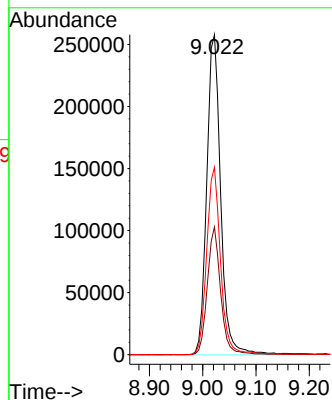
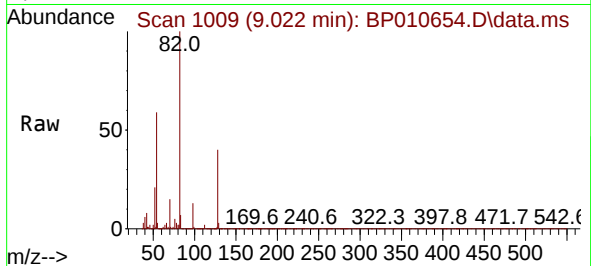




#23
Nitrobenzene-d5
Concen: 80.510 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

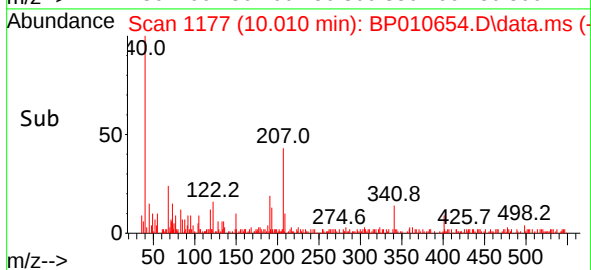
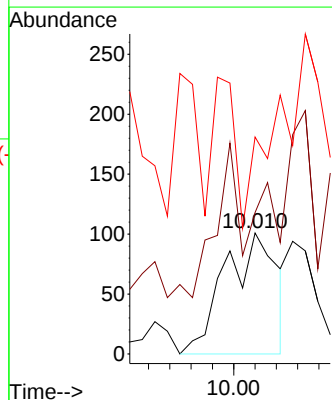
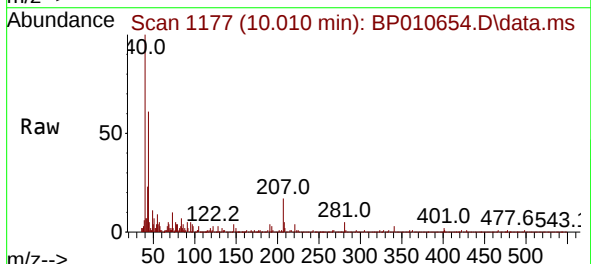
Instrument :
BNA_P
ClientSampleId :
P020-SS001-2430-01

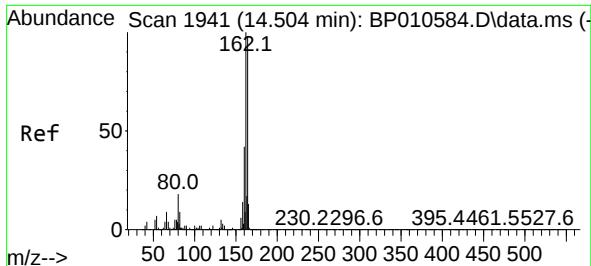
Tgt Ion: 82 Resp: 466874
Ion Ratio Lower Upper
82 100
128 39.9 31.3 46.9
54 58.6 49.8 74.8



#32
Benzoic acid
Concen: 7.382 ng
RT: 10.010 min Scan# 1177
Delta R.T. 0.017 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

Tgt Ion:122 Resp: 171
Ion Ratio Lower Upper
122 100
105 116.8 112.6 152.6
77 179.2 90.2 130.2#

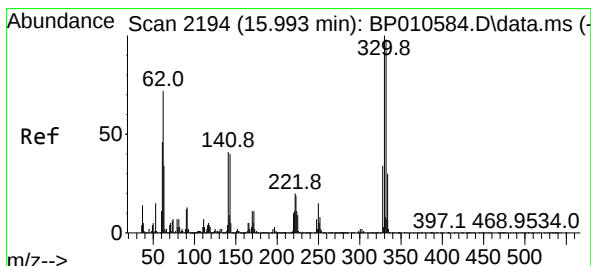
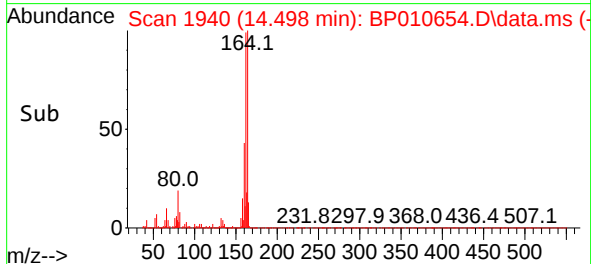
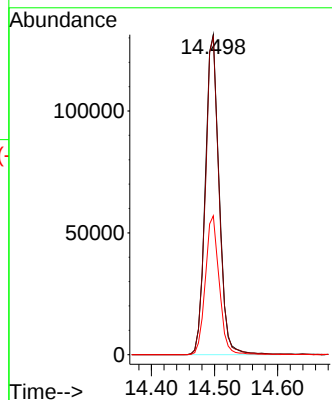
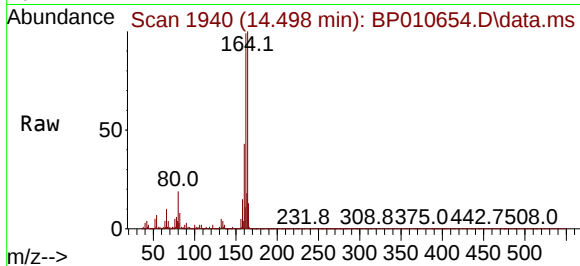




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

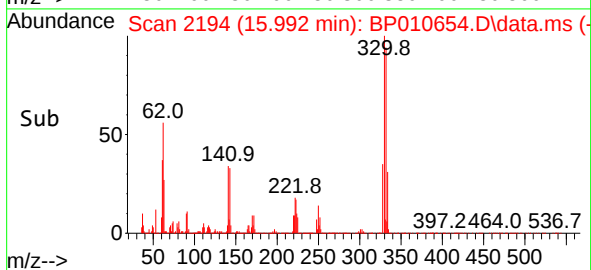
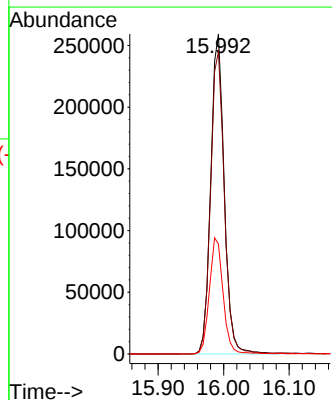
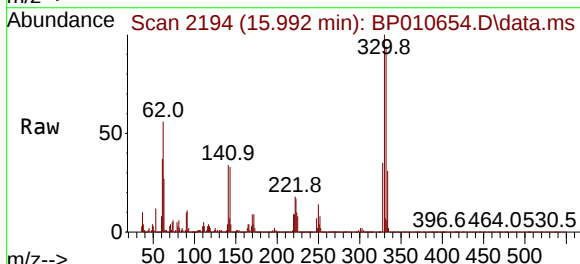
Instrument :
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ClientSampleId :
P020-SS001-2430-01

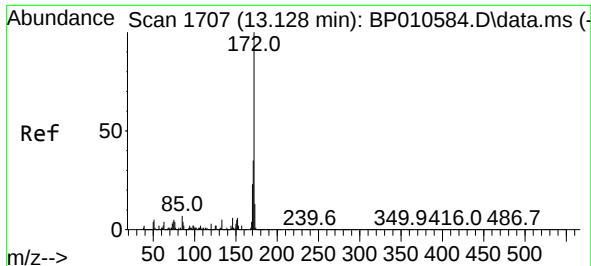
Tgt Ion:164 Resp: 199069
Ion Ratio Lower Upper
164 100
162 99.4 81.9 122.9
160 43.4 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 165.169 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

Tgt Ion:330 Resp: 372188
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 36.8 31.4 47.2

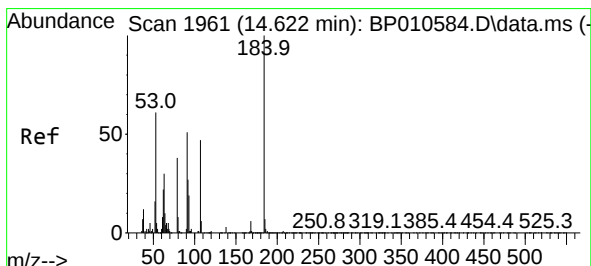
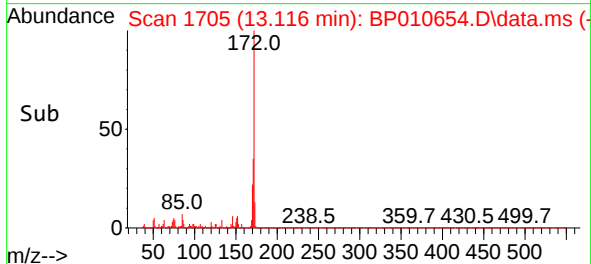
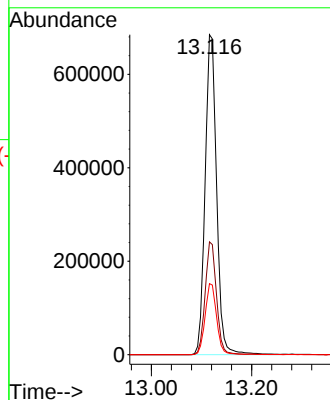
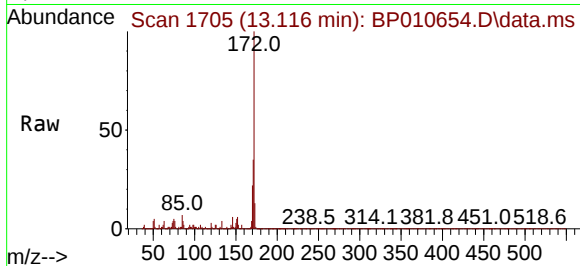




#45
2-Fluorobiphenyl
Concen: 77.875 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

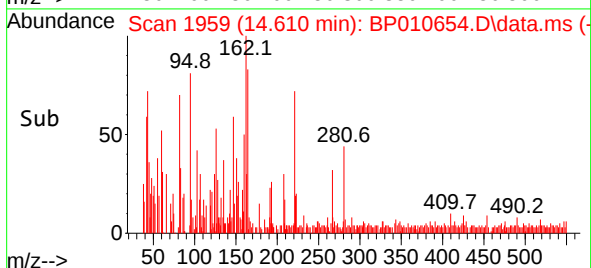
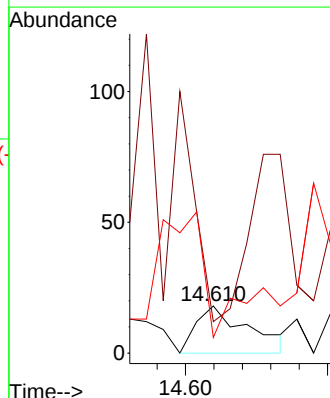
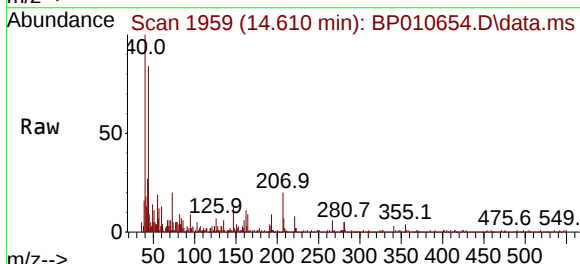
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P020-SS001-2430-01

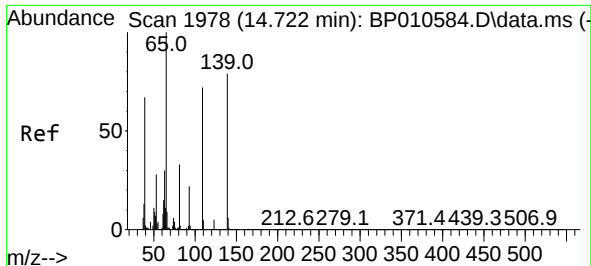
Tgt Ion:172 Resp: 1092306
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.2 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.657 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 116.7 65.4 98.2#
154 33.3 55.4 83.2#

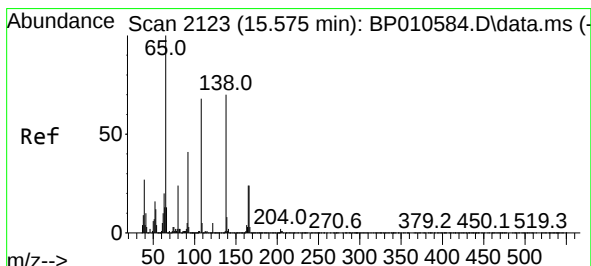
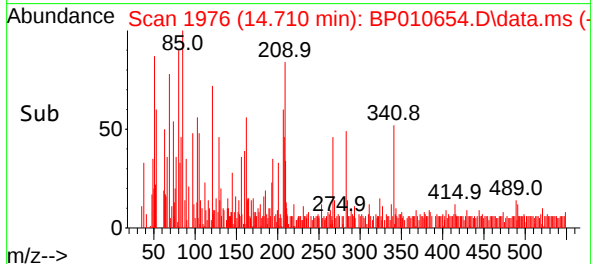
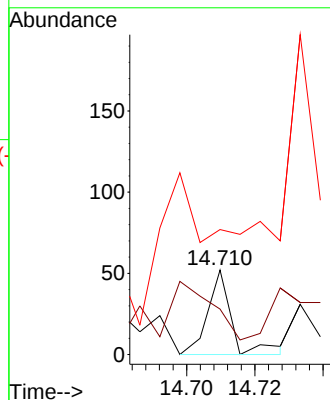
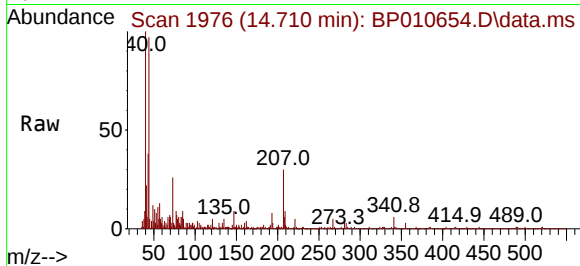




#56
4-Nitrophenol
Concen: 3.607 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.012 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

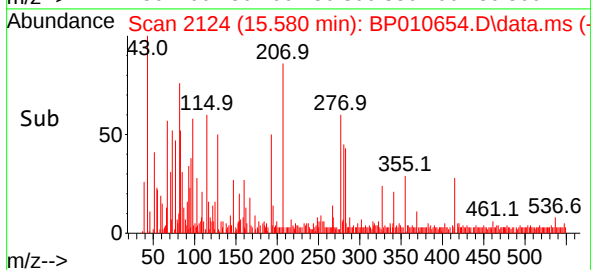
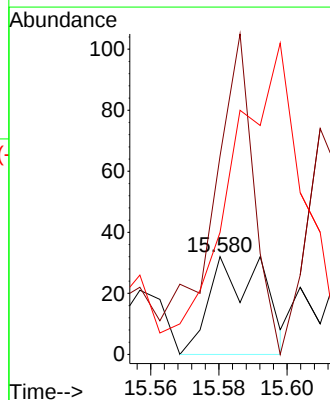
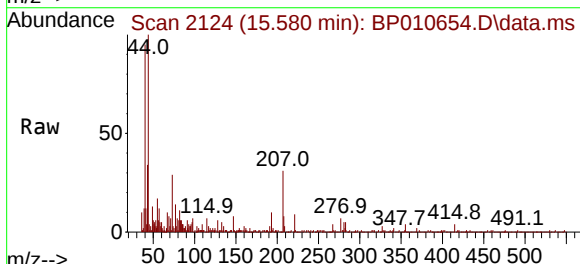
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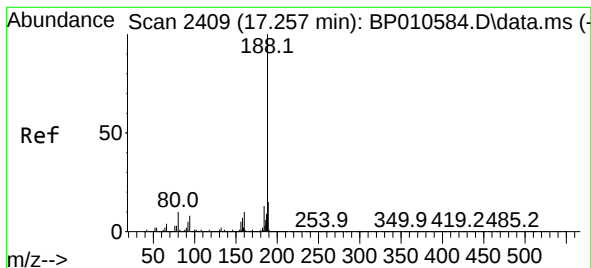
Tgt Ion:139 Resp: 26
Ion Ratio Lower Upper
139 100
109 53.8 70.6 110.6#
65 148.1 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.143 ng
RT: 15.580 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BP010654.D
Acq: 01 Jun 2022 16:41

Tgt Ion:138 Resp: 34
Ion Ratio Lower Upper
138 100
92 203.1 38.0 78.0#
108 125.0 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: BP010654.D

Acq: 01 Jun 2022 16:41

Instrument :

BNA_P

ClientSampleId :

P020-SS001-2430-01

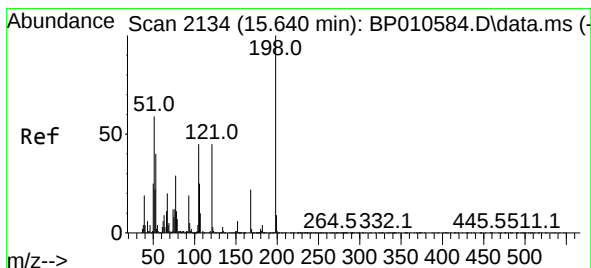
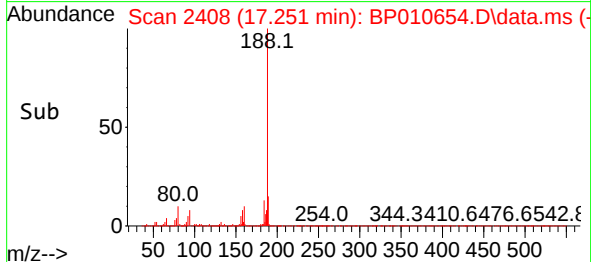
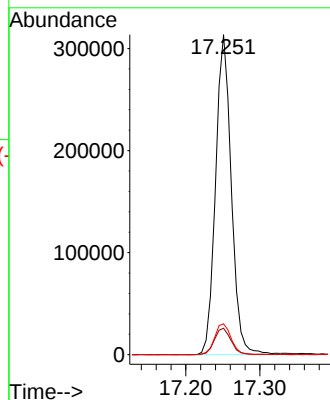
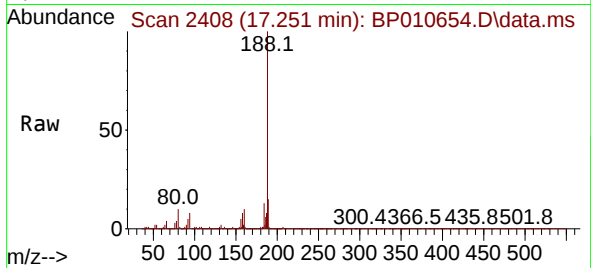
Tgt Ion:188 Resp: 462350

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.605 ng

RT: 15.633 min Scan# 2133

Delta R.T. -0.007 min

Lab File: BP010654.D

Acq: 01 Jun 2022 16:41

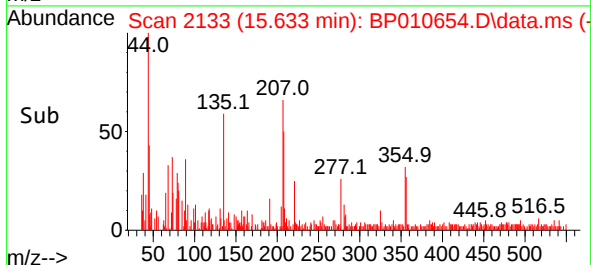
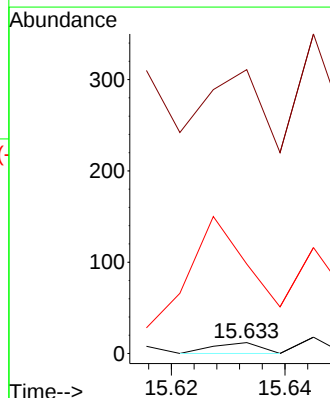
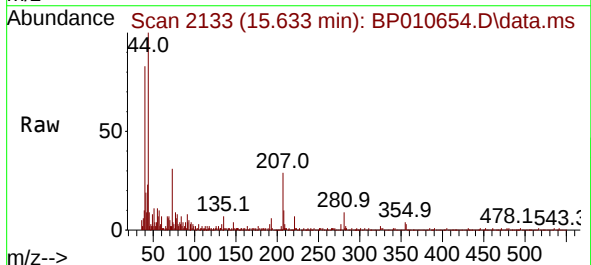
Tgt Ion:198 Resp: 7

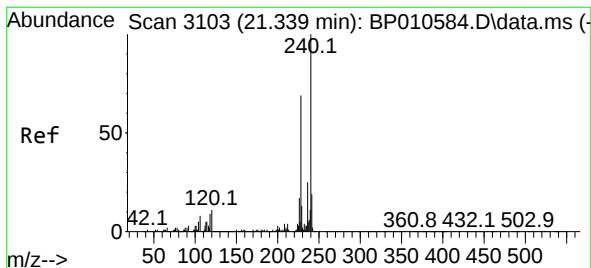
Ion Ratio Lower Upper

198 100

51 2591.7 41.2 81.2#

105 816.7 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: BP010654.D

Acq: 01 Jun 2022 16:41

Instrument :

BNA_P

ClientSampleId :

P020-SS001-2430-01

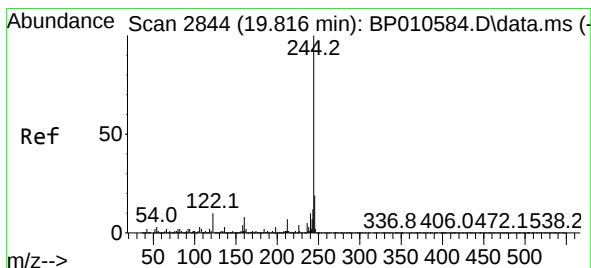
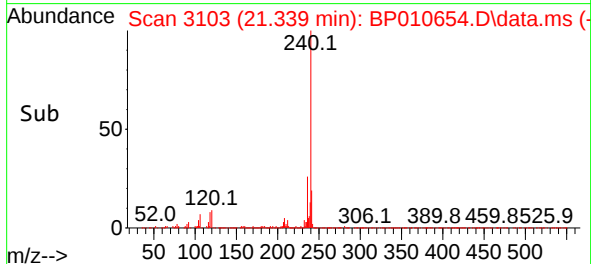
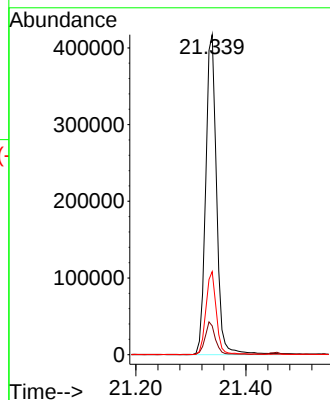
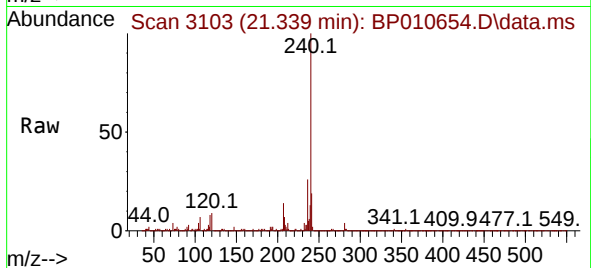
Tgt Ion:240 Resp: 571285

Ion Ratio Lower Upper

240 100

120 9.0 8.6 12.8

236 26.0 19.8 29.6



#79

Terphenyl-d14

Concen: 75.187 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010654.D

Acq: 01 Jun 2022 16:41

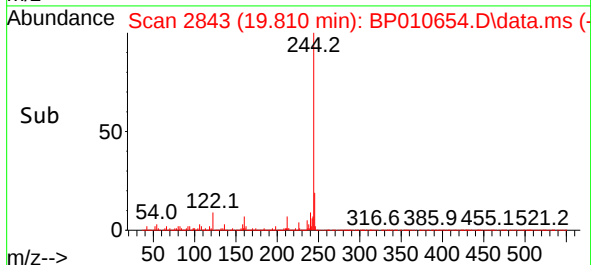
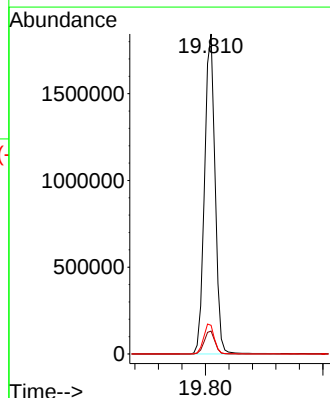
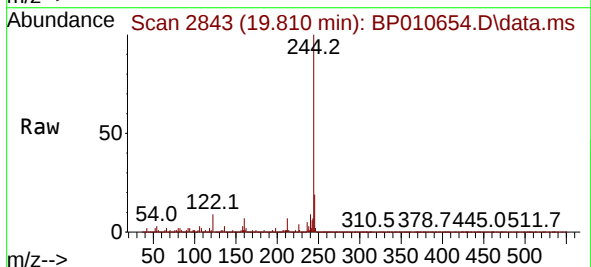
Tgt Ion:244 Resp: 2286791

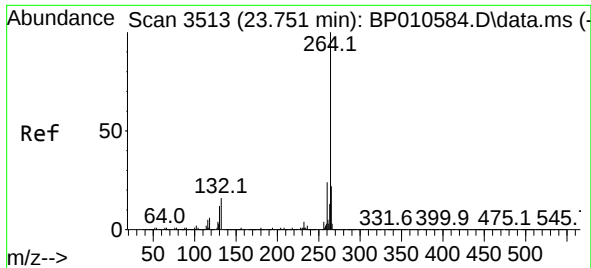
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.0 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.745 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP010654.D
 Acq: 01 Jun 2022 16:41

Instrument :
 BNA_P
 ClientSampleId :
 P020-SS001-2430-01

Tgt Ion:264 Resp: 709490

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.3	18.0	27.0

