

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
 Data File : BP010649.D
 Acq On : 01 Jun 2022 13:51
 Operator : CG/JU
 Sample : N2931-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P009-SS004-0006-01

Quant Time: Jun 02 05:03:45 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)

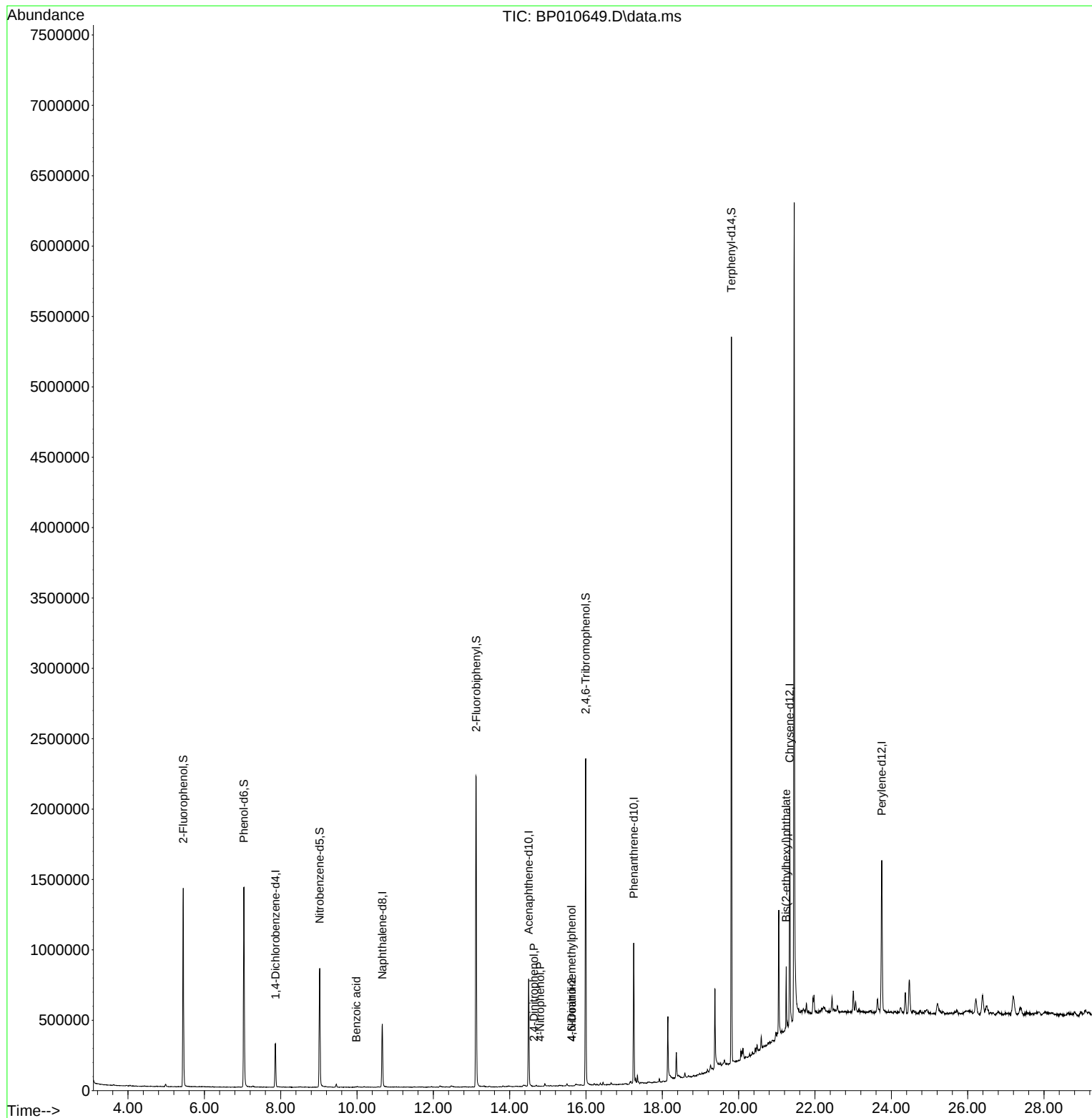
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	81419	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	368401	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	258990	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	604137	20.000	ng	0.00
76) Chrysene-d12	21.339	240	715499	20.000	ng	0.00
86) Perylene-d12	23.751	264	800597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	554558	124.257	ng	0.00
7) Phenol-d6	7.034	99	789622	124.626	ng	0.00
23) Nitrobenzene-d5	9.022	82	506721	65.029	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	410724	140.100	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1162849	63.723	ng	0.00
79) Terphenyl-d14	19.810	244	2269536	59.579	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	961	7.567	ng	# 75
54) 2,4-Dinitrophenol	14.634	184	19	6.653	ng	# 1
56) 4-Nitrophenol	14.798	139	152	3.641	ng	93
62) 4-Nitroaniline	15.628	138	183	2.175	ng	82
65) 4,6-Dinitro-2-methylph...	15.622	198	11	4.605	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.245	149	124704	4.505	ng	99

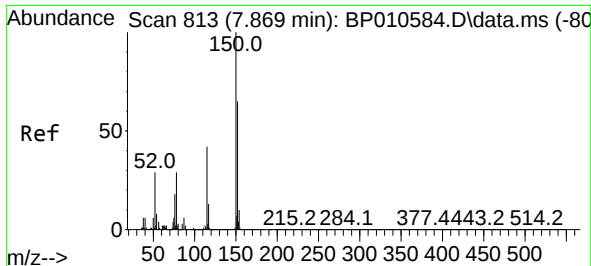
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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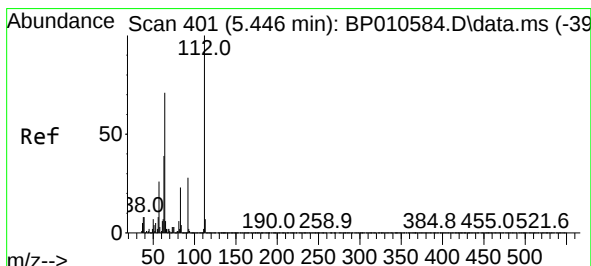
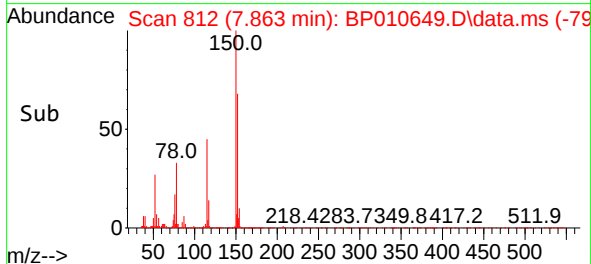
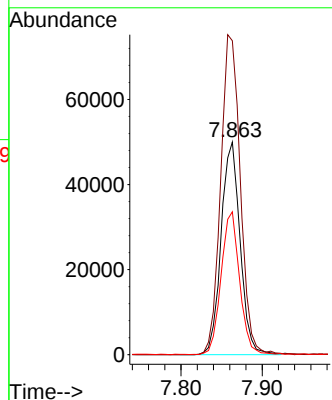
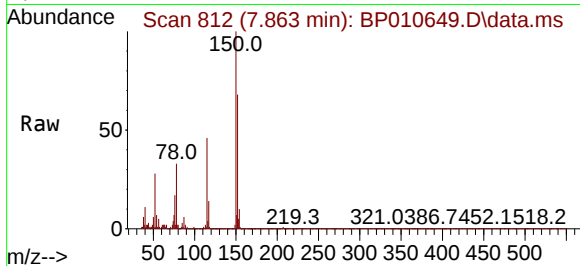




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

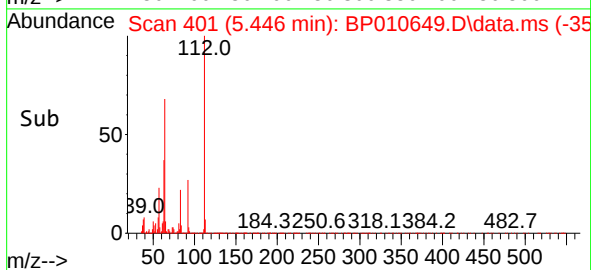
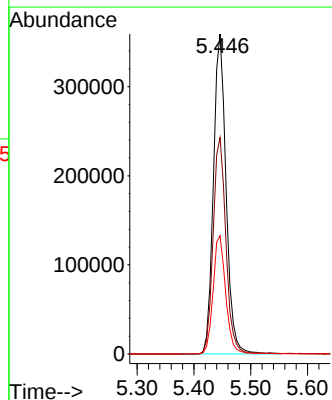
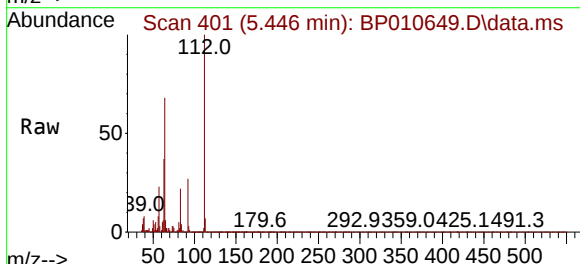
Instrument :
BNA_P
ClientSampleId :
P009-SS004-0006-01

Tgt Ion:152 Resp: 81419
Ion Ratio Lower Upper
152 100
150 147.6 123.4 185.2
115 67.2 51.3 76.9



#5
2-Fluorophenol
Concen: 124.257 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

Tgt Ion:112 Resp: 554558
Ion Ratio Lower Upper
112 100
64 67.6 56.9 85.3
63 36.9 31.2 46.8

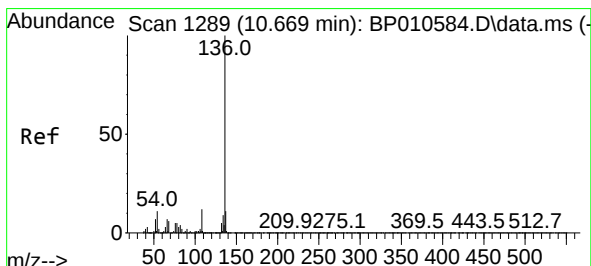
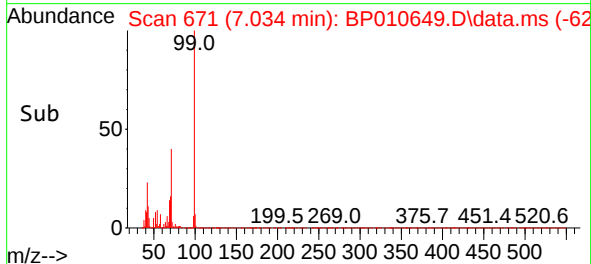
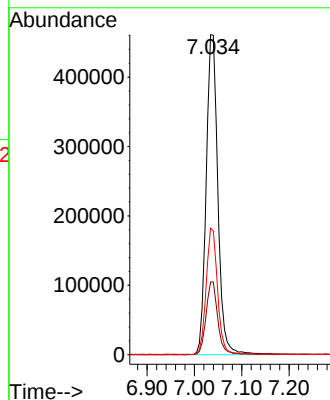
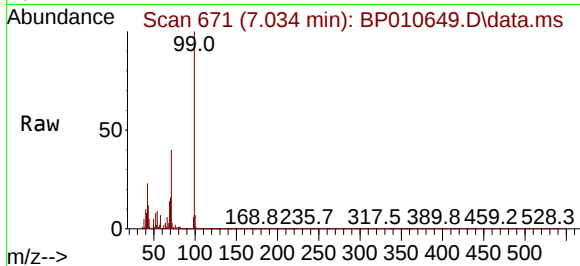




#7
Phenol-d6
Concen: 124.626 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

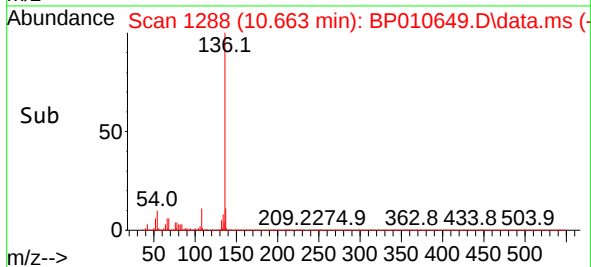
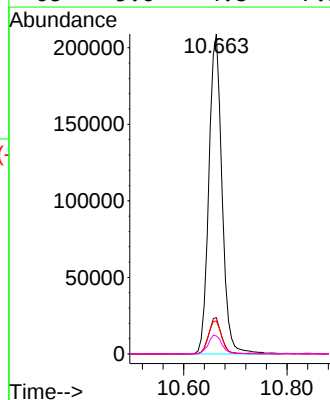
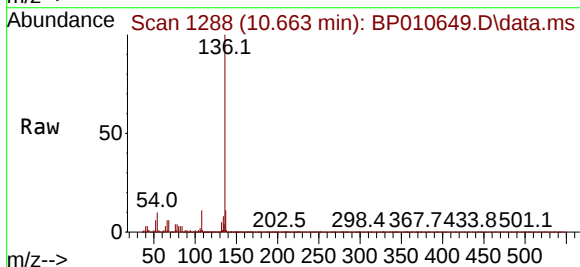
Instrument :
BNA_P
ClientSampleId :
P009-SS004-0006-01

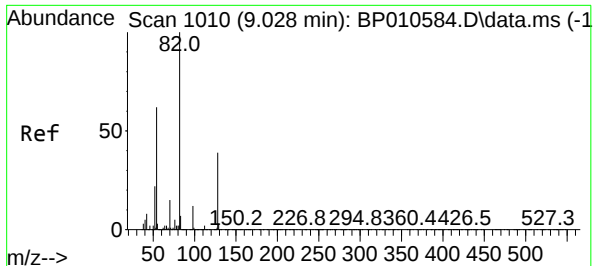
Tgt Ion: 99 Resp: 789622
Ion Ratio Lower Upper
99 100
42 22.7 20.3 30.5
71 39.6 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

Tgt Ion:136 Resp: 368401
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 10.3 8.7 13.1
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 65.029 ng

RT: 9.022 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BP010649.D

Acq: 01 Jun 2022 13:51

Instrument :

BNA_P

ClientSampleId :

P009-SS004-0006-01

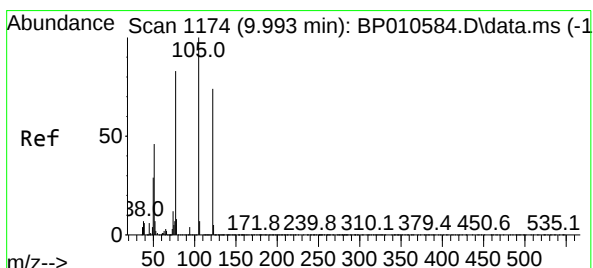
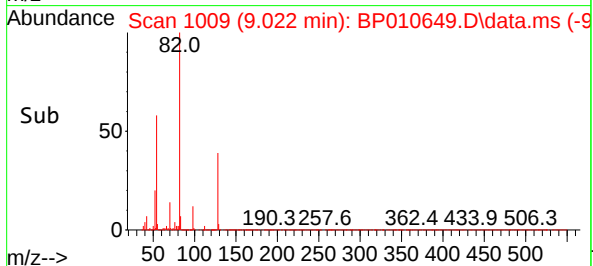
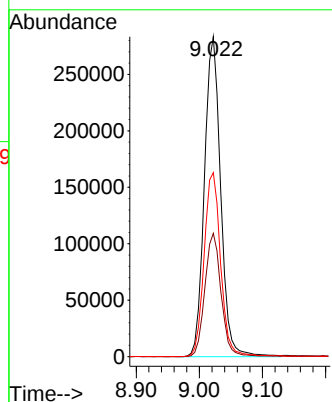
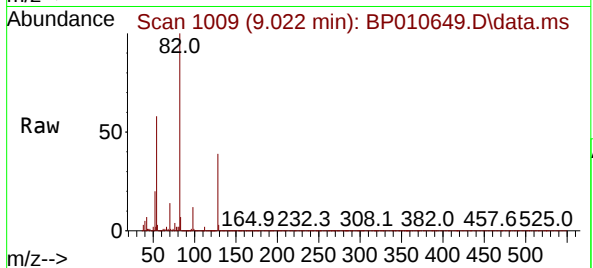
Tgt Ion: 82 Resp: 506721

Ion Ratio Lower Upper

82 100

128 38.6 31.3 46.9

54 57.5 49.8 74.8



#32

Benzoic acid

Concen: 7.567 ng

RT: 9.981 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BP010649.D

Acq: 01 Jun 2022 13:51

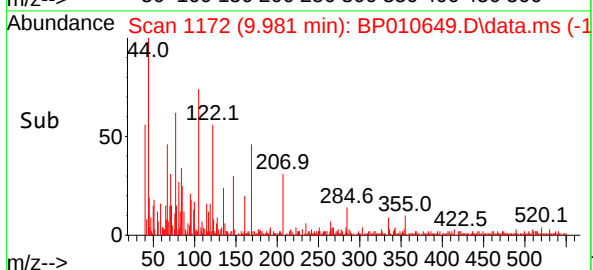
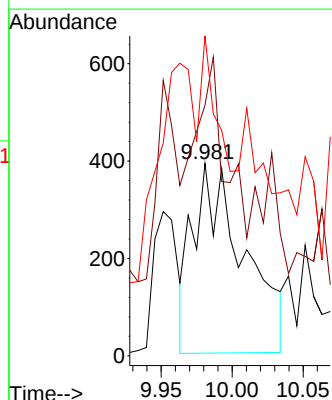
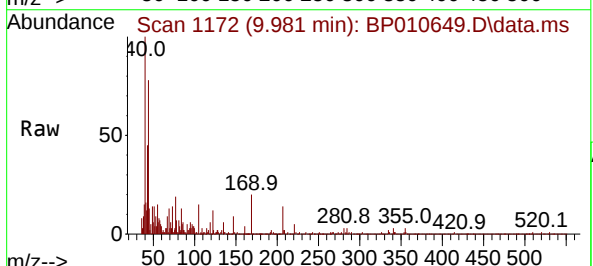
Tgt Ion: 122 Resp: 961

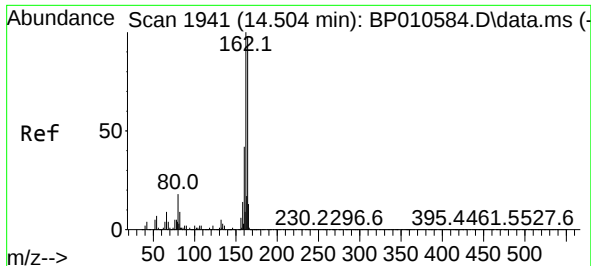
Ion Ratio Lower Upper

122 100

105 130.4 112.6 152.6

77 166.3 90.2 130.2#

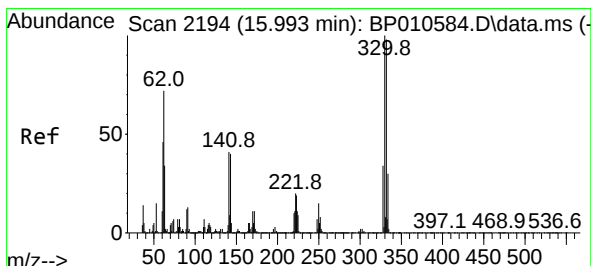
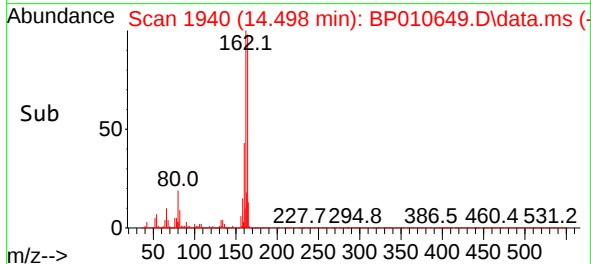
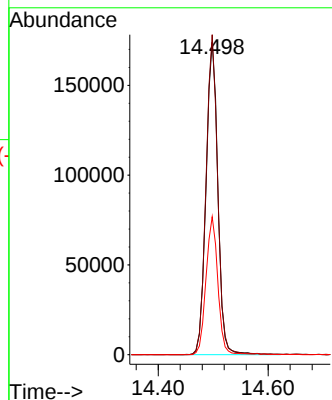
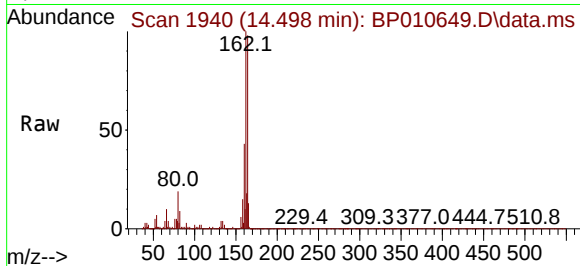




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

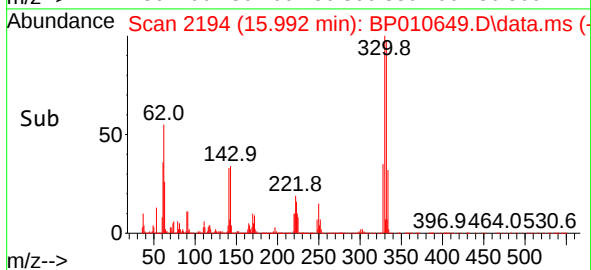
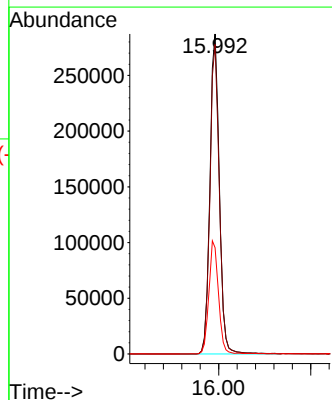
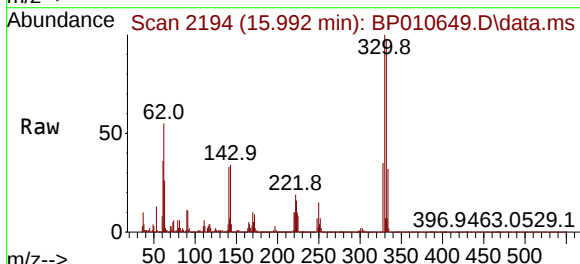
Instrument :
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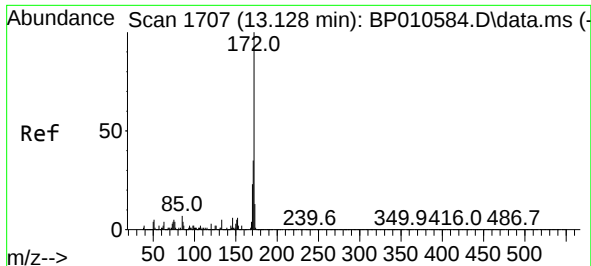
Tgt Ion:164 Resp: 258990
Ion Ratio Lower Upper
164 100
162 102.4 81.9 122.9
160 44.1 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 140.100 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

Tgt Ion:330 Resp: 410724
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 36.0 31.4 47.2

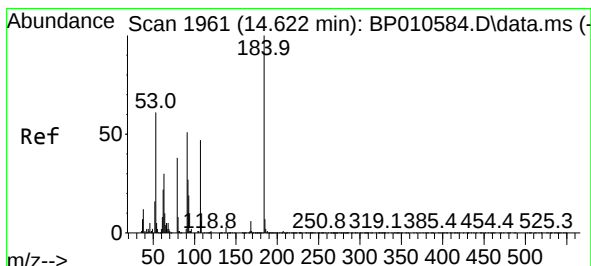
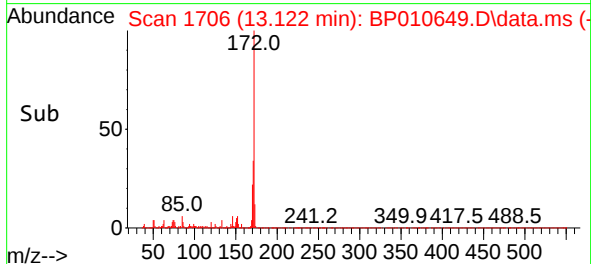
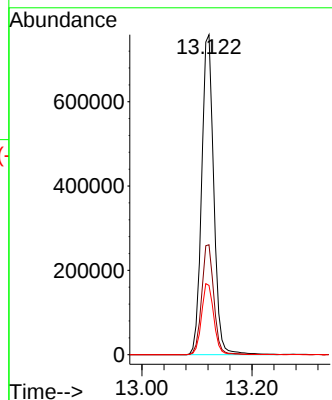
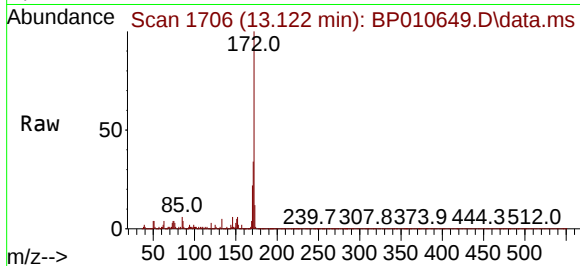




#45
2-Fluorobiphenyl
Concen: 63.723 ng
RT: 13.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

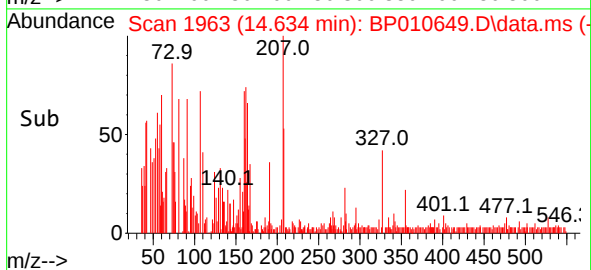
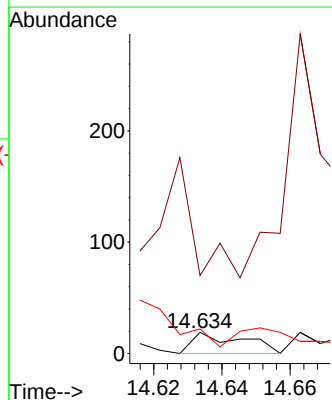
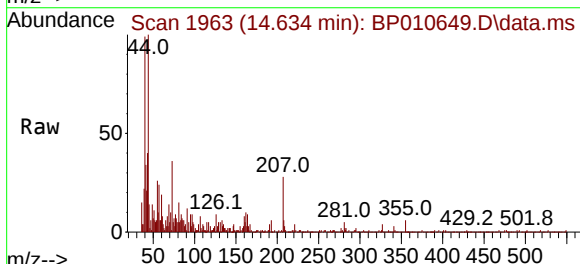
Instrument :
BNA_P
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P009-SS004-0006-01

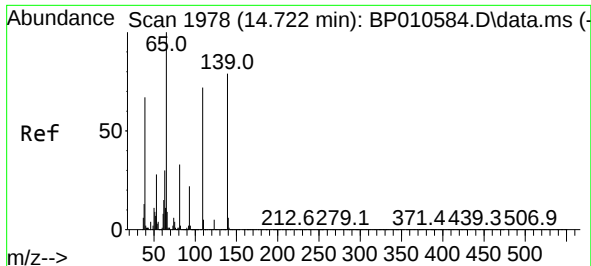
Tgt Ion:172 Resp: 1162849
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 21.6 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.653 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.012 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 368.4 65.4 98.2#
154 115.8 55.4 83.2#

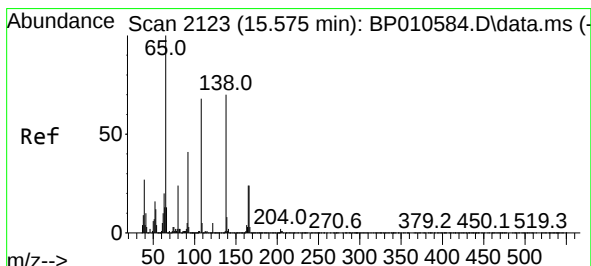
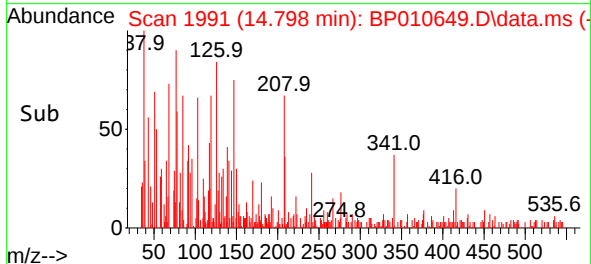
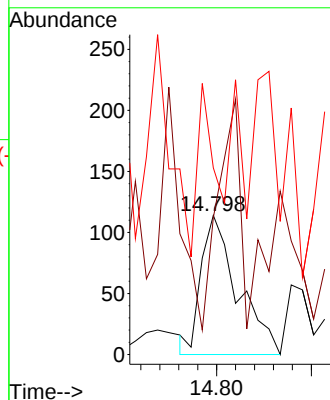
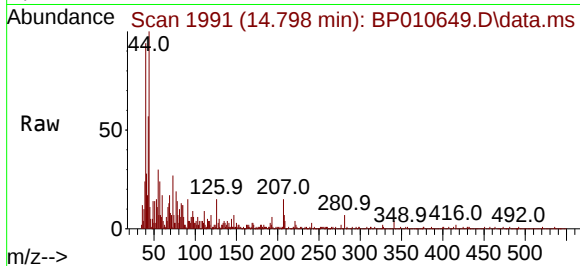




#56
4-Nitrophenol
Concen: 3.641 ng
RT: 14.798 min Scan# 1978
Delta R.T. 0.076 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

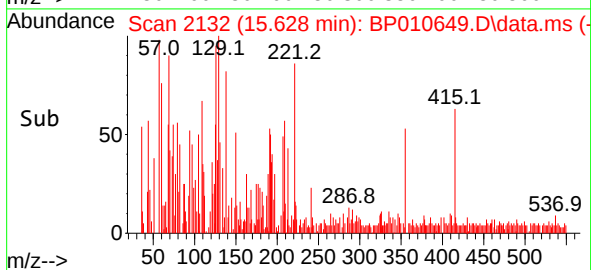
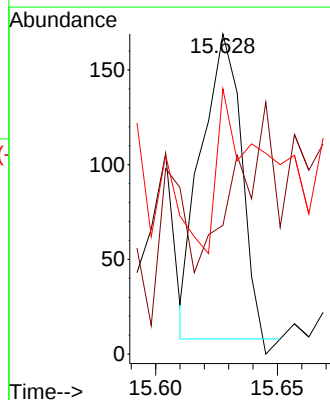
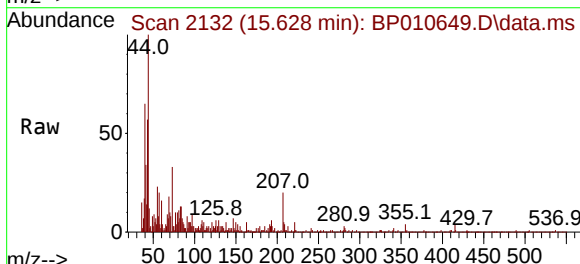
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ClientSampleId :
P009-SS004-0006-01

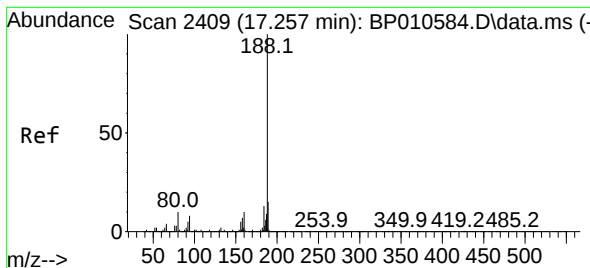
Tgt Ion:139 Resp: 152
Ion Ratio Lower Upper
139 100
109 98.2 70.6 110.6
65 134.2 106.6 146.6



#62
4-Nitroaniline
Concen: 2.175 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.053 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

Tgt Ion:138 Resp: 183
Ion Ratio Lower Upper
138 100
92 40.2 38.0 78.0
108 82.8 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: BP010649.D

Acq: 01 Jun 2022 13:51

Instrument :

BNA_P

ClientSampleId :

P009-SS004-0006-01

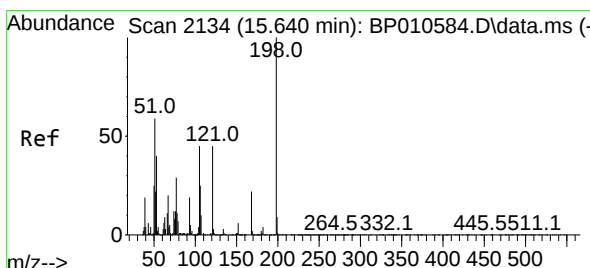
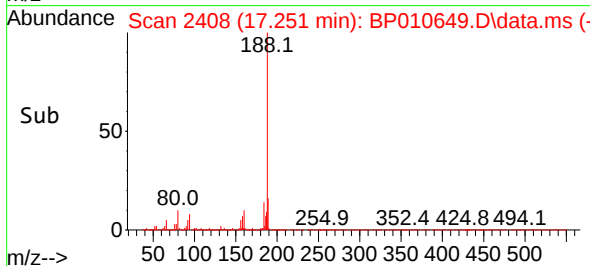
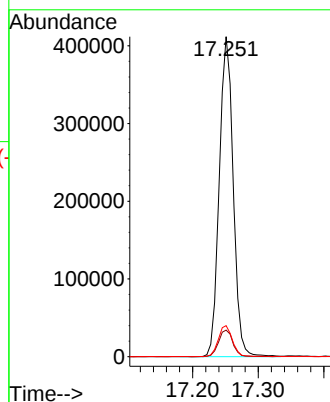
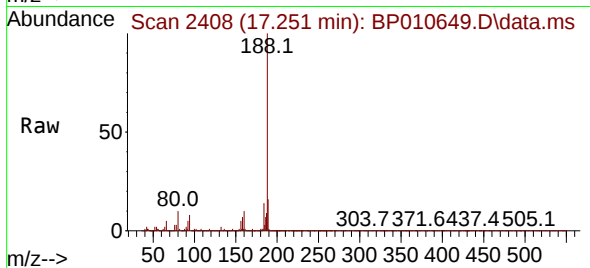
Tgt Ion:188 Resp: 604137

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.7 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.605 ng

RT: 15.622 min Scan# 2131

Delta R.T. -0.018 min

Lab File: BP010649.D

Acq: 01 Jun 2022 13:51

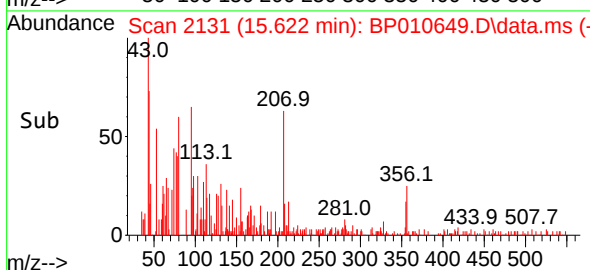
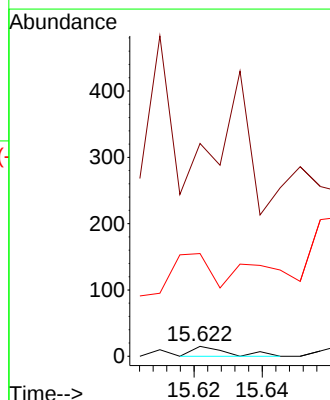
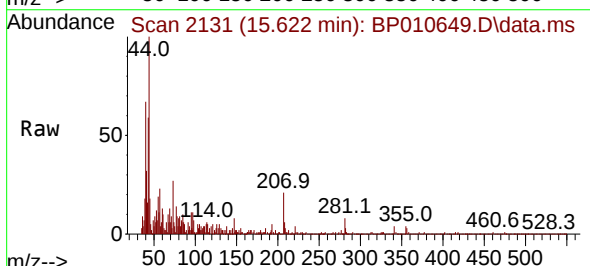
Tgt Ion:198 Resp: 11

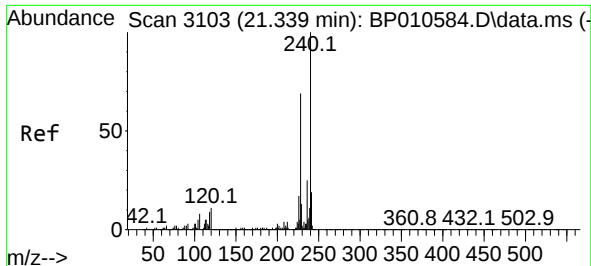
Ion Ratio Lower Upper

198 100

51 1783.3 41.2 81.2#

105 861.1 25.3 65.3#

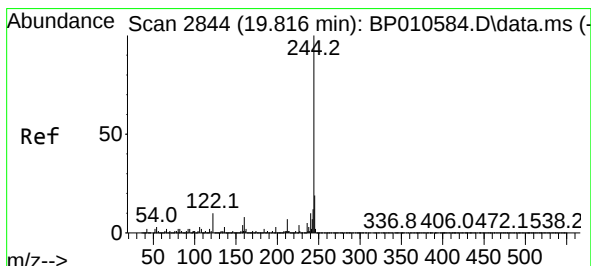
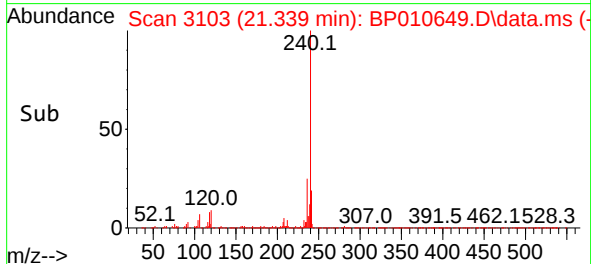
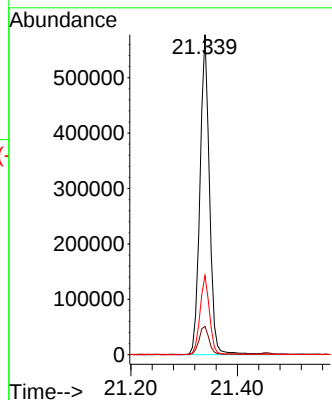
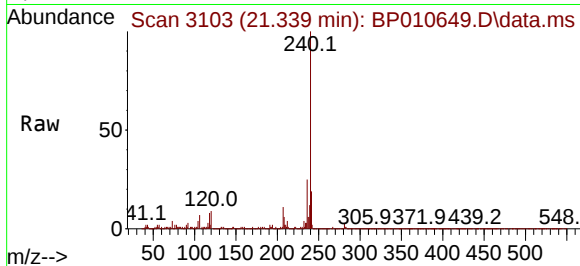




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

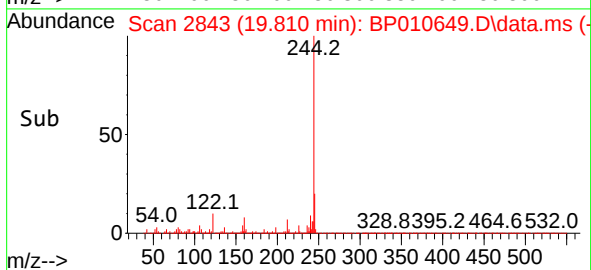
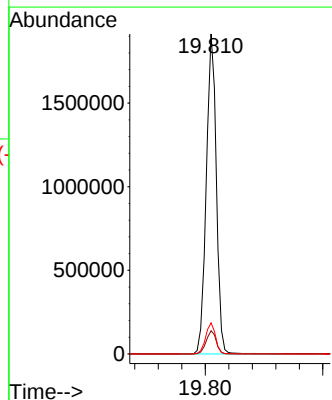
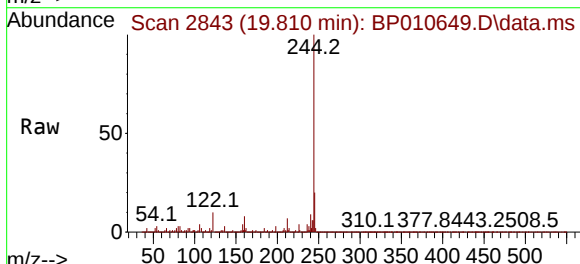
Instrument :
BNA_P
ClientSampleId :
P009-SS004-0006-01

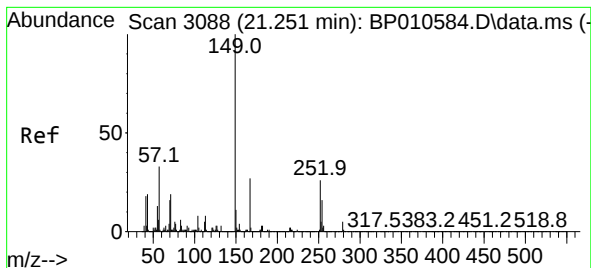
Tgt Ion:240 Resp: 715499
Ion Ratio Lower Upper
240 100
120 8.9 8.6 12.8
236 24.7 19.8 29.6



#79
Terphenyl-d14
Concen: 59.579 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010649.D
Acq: 01 Jun 2022 13:51

Tgt Ion:244 Resp: 2269536
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.7 7.6 11.4

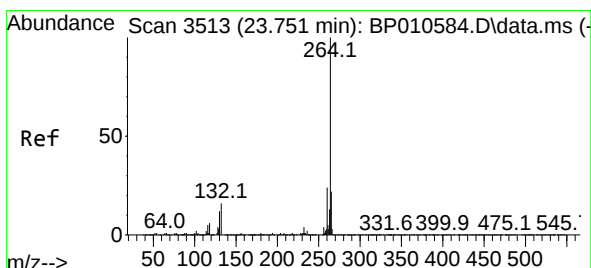
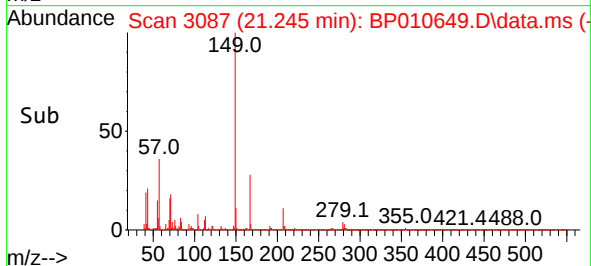
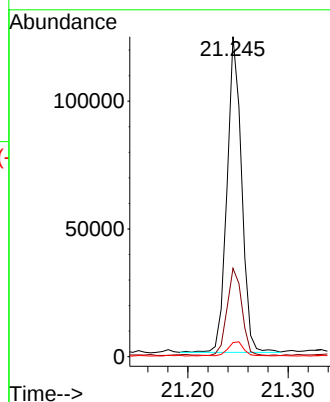
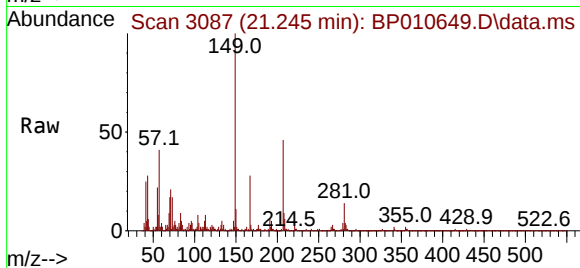




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.505 ng
 RT: 21.245 min Scan# 3088
 Delta R.T. -0.006 min
 Lab File: BP010649.D
 Acq: 01 Jun 2022 13:51

Instrument :
 BNA_P
 ClientSampleId :
 P009-SS004-0006-01

Tgt Ion:149 Resp: 124704
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.8
 279 4.4 3.7 5.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. -0.000 min
 Lab File: BP010649.D
 Acq: 01 Jun 2022 13:51

Tgt Ion:264 Resp: 800597
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.8 18.0 27.0

