

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010606.D
 Acq On : 28 May 2022 18:33
 Operator : CG/JU
 Sample : N2932-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS004-0006-01

Quant Time: May 28 23:37:50 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)

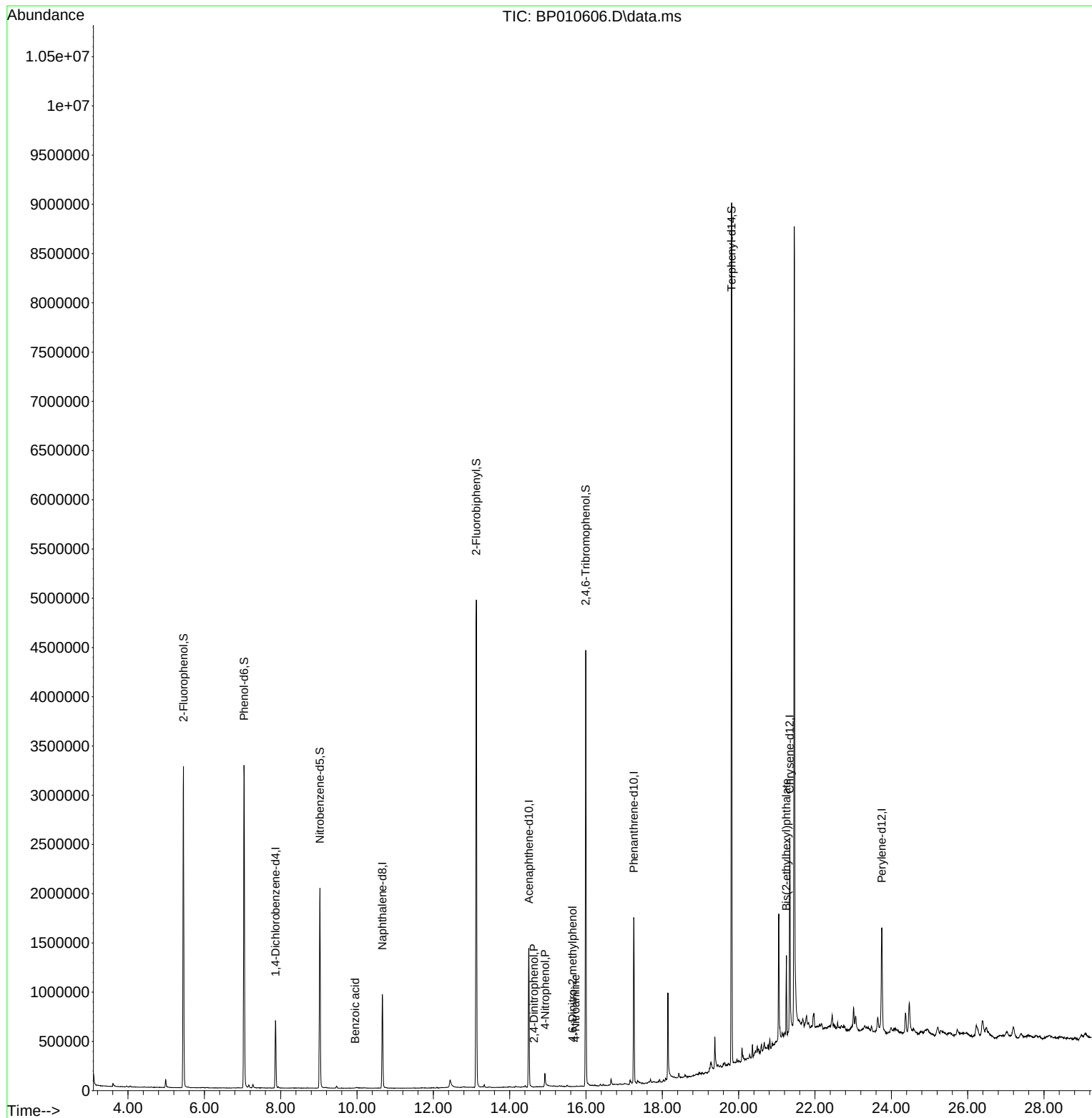
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	180193	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	752826	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	484080	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1028473	20.000	ng	0.00
76) Chrysene-d12	21.339	240	926336	20.000	ng	0.00
86) Perylene-d12	23.751	264	790163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1276004	129.185	ng	0.00
7) Phenol-d6	7.040	99	1734127	123.668	ng	0.00
23) Nitrobenzene-d5	9.028	82	1138969	71.529	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	738308	134.738	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2470265	72.424	ng	0.00
79) Terphenyl-d14	19.816	244	3969397	80.486	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.952	122	193	7.347	ng	# 87
54) 2,4-Dinitrophenol	14.634	184	40	6.654	ng	# 1
56) 4-Nitrophenol	14.928	139	139	3.619	ng	87
62) 4-Nitroaniline	15.722	138	147	2.151	ng	97
65) 4,6-Dinitro-2-methylph...	15.651	198	66	4.612	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.251	149	245164	6.841	ng	99

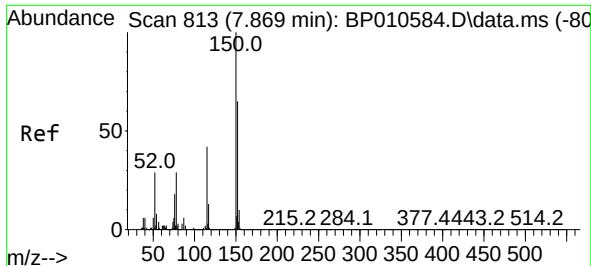
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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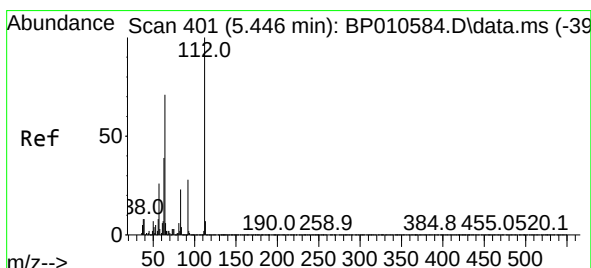
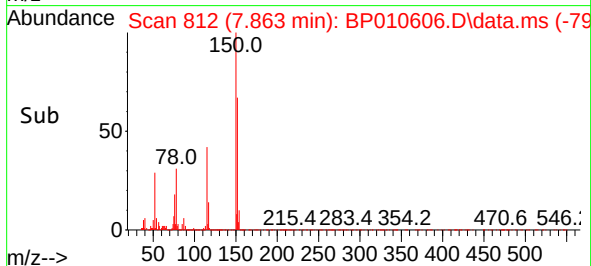
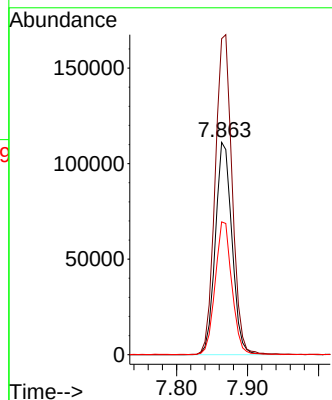
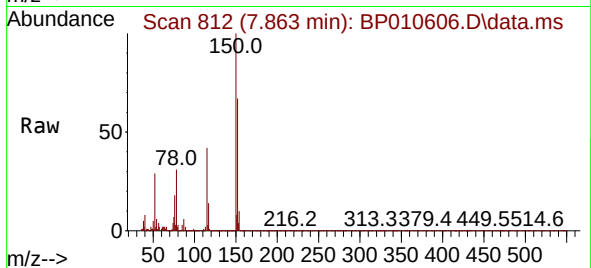




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

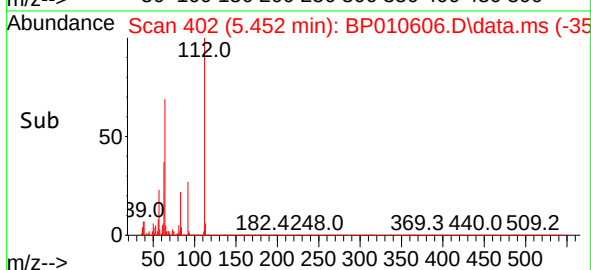
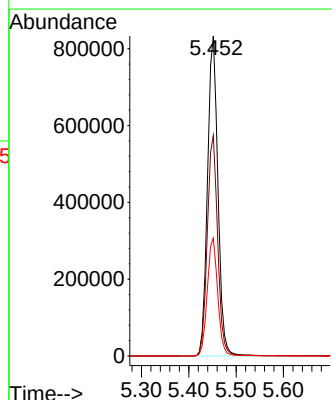
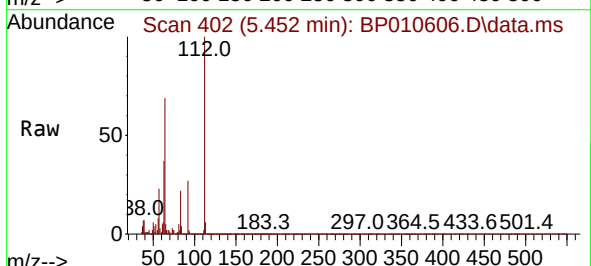
Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

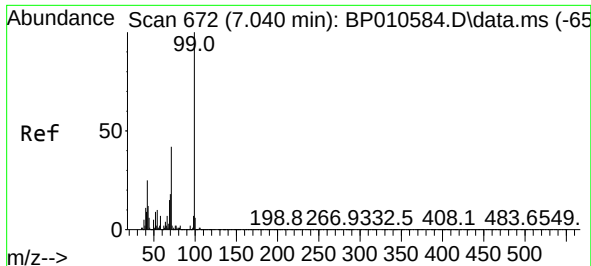
Tgt Ion:152 Resp: 180193
Ion Ratio Lower Upper
152 100
150 148.8 123.4 185.2
115 62.6 51.3 76.9



#5
2-Fluorophenol
Concen: 129.185 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Tgt Ion:112 Resp: 1276004
Ion Ratio Lower Upper
112 100
64 68.8 56.9 85.3
63 36.8 31.2 46.8



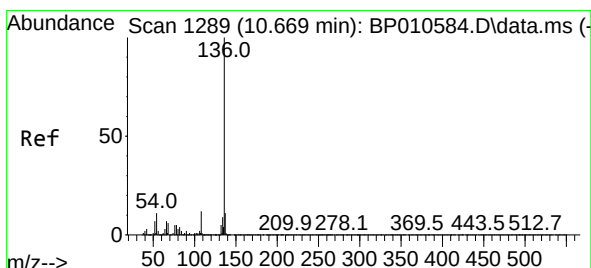
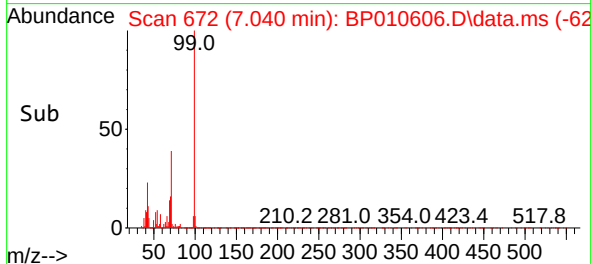
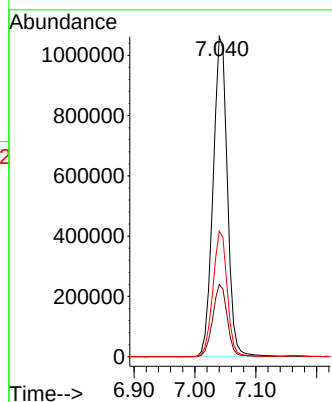
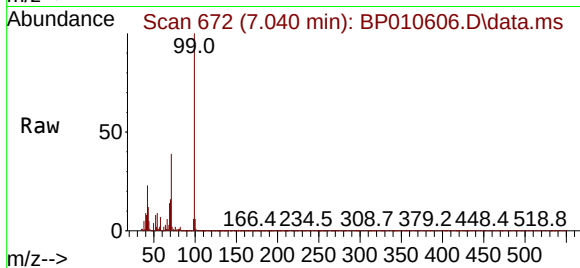


#7
Phenol-d6
Concen: 123.668 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

Tgt Ion: 99 Resp: 1734127

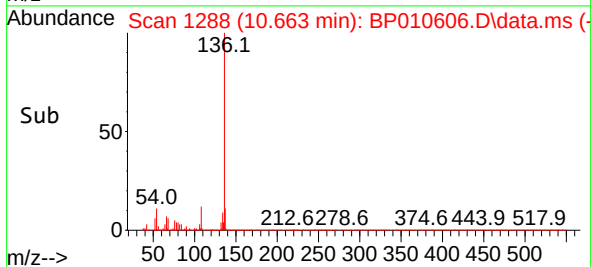
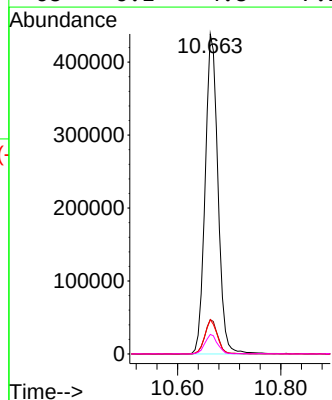
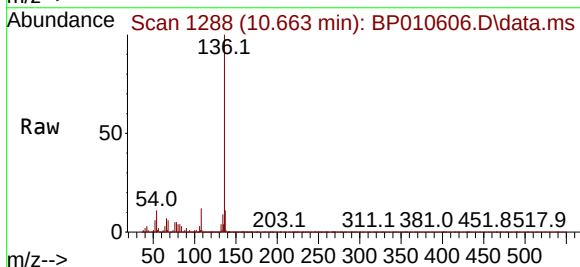
Ion	Ratio	Lower	Upper
99	100		
42	22.6	20.3	30.5
71	39.3	33.9	50.9

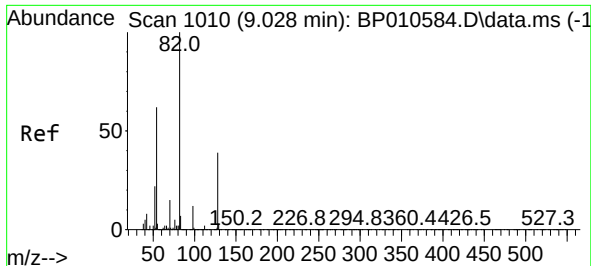


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Tgt Ion: 136 Resp: 752826

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	10.7	8.7	13.1
68	6.1	4.8	7.2

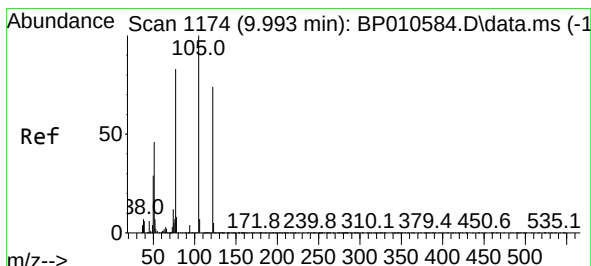
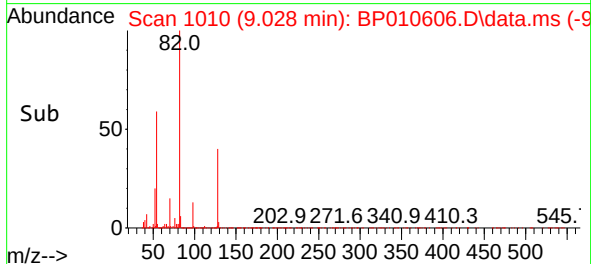
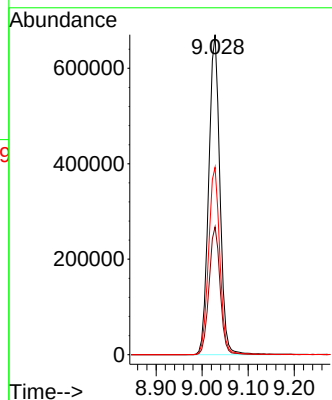
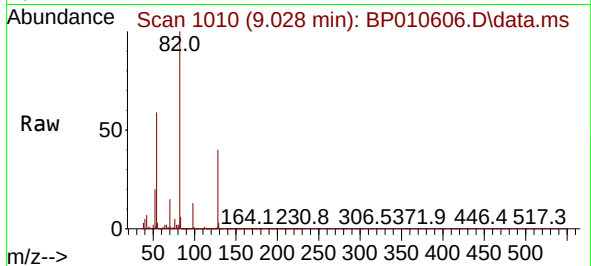




#23
Nitrobenzene-d5
Concen: 71.529 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

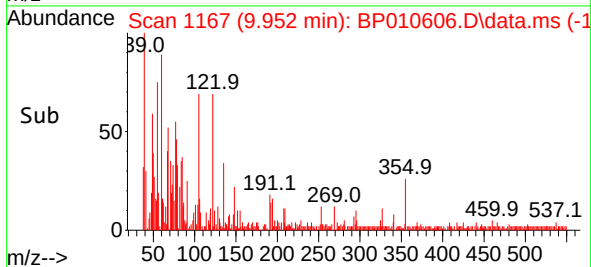
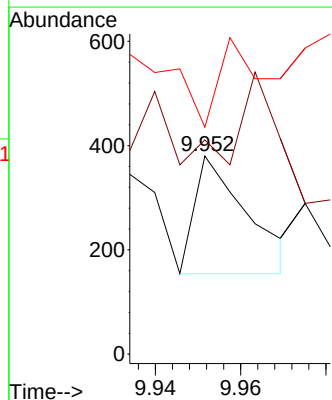
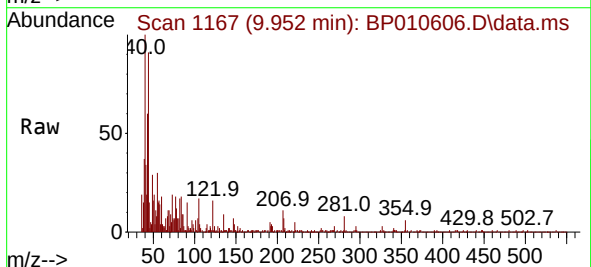
Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

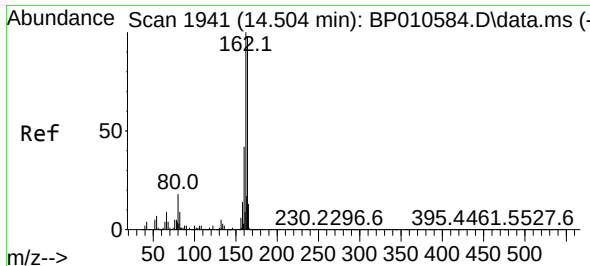
Tgt Ion: 82 Resp: 1138969
Ion Ratio Lower Upper
82 100
128 39.9 31.3 46.9
54 58.6 49.8 74.8



#32
Benzoic acid
Concen: 7.347 ng
RT: 9.952 min Scan# 1167
Delta R.T. -0.041 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Tgt Ion: 122 Resp: 193
Ion Ratio Lower Upper
122 100
105 108.2 112.6 152.6#
77 114.5 90.2 130.2

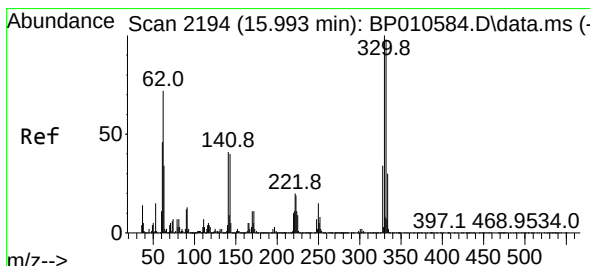
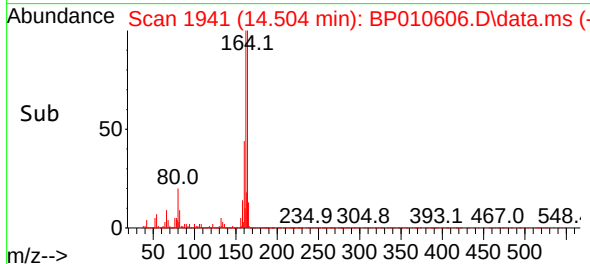
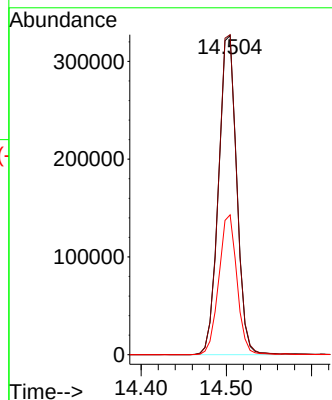
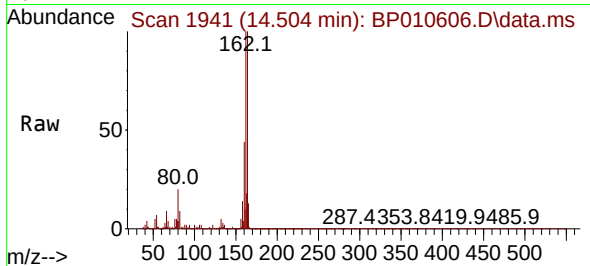




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

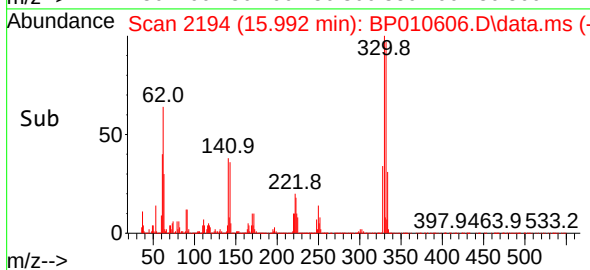
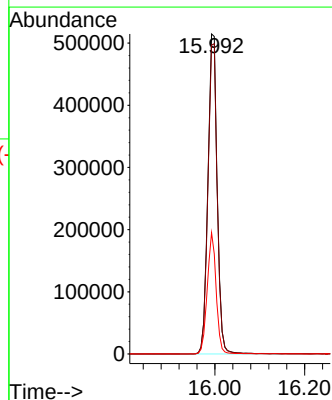
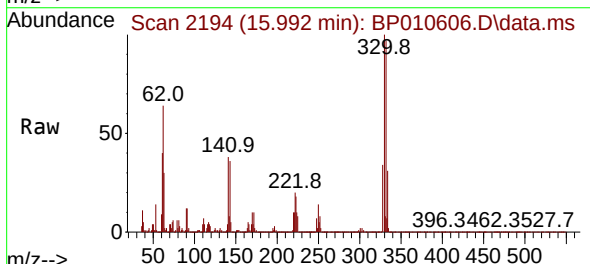
Instrument :
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ClientSampleId :
P016-SS004-0006-01

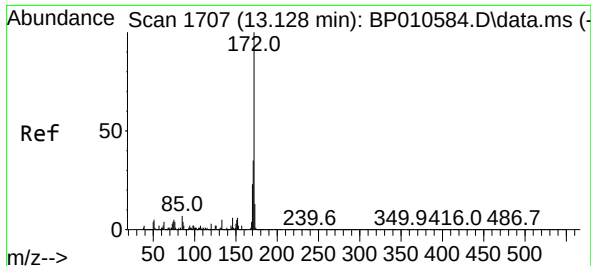
Tgt Ion:164 Resp: 484080
Ion Ratio Lower Upper
164 100
162 100.3 81.9 122.9
160 43.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 134.738 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Tgt Ion:330 Resp: 738308
Ion Ratio Lower Upper
330 100
332 97.1 78.1 117.1
141 36.3 31.4 47.2

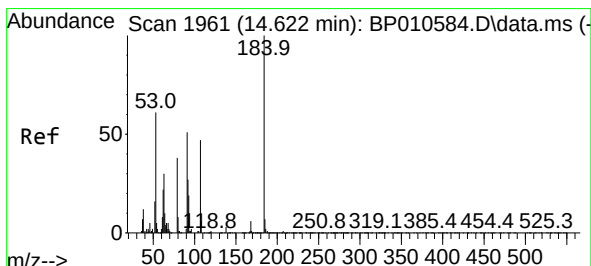
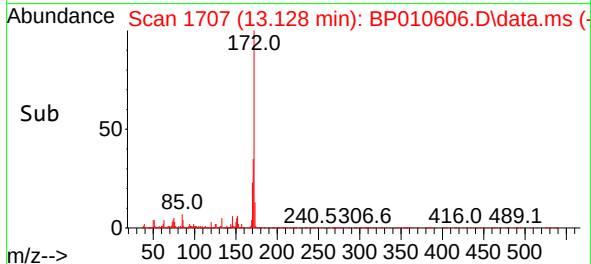
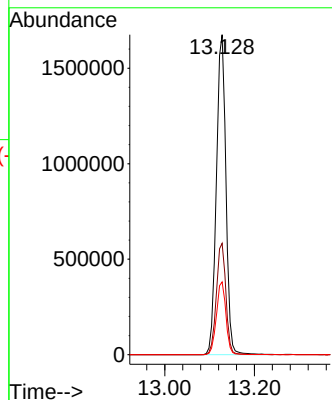
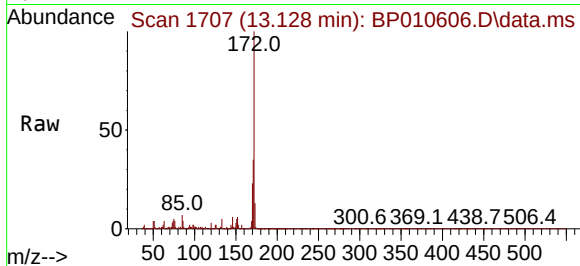




#45
2-Fluorobiphenyl
Concen: 72.424 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

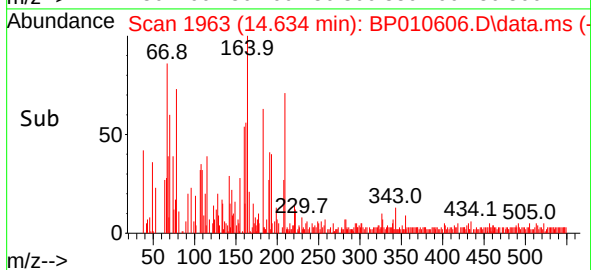
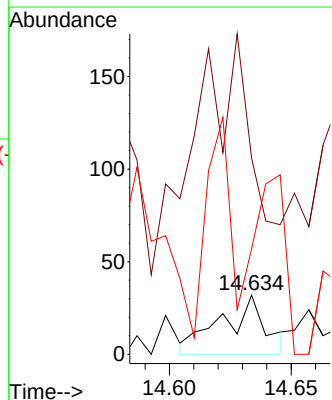
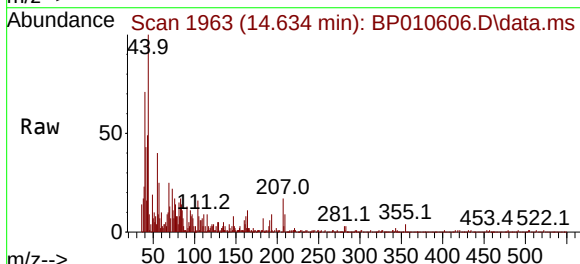
Instrument :
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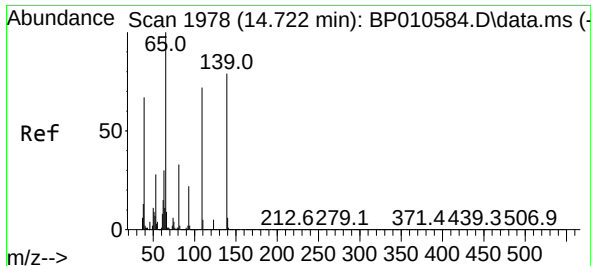
Tgt Ion:172 Resp: 2470265
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.8 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.654 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.012 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Tgt Ion:184 Resp: 40
Ion Ratio Lower Upper
184 100
63 331.3 65.4 98.2#
154 178.1 55.4 83.2#

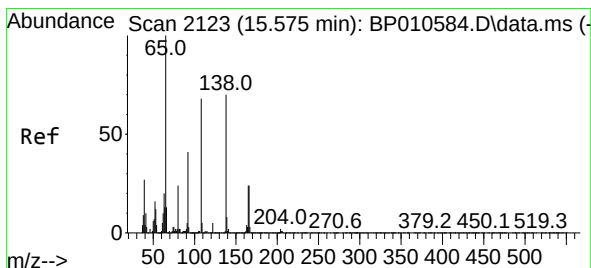
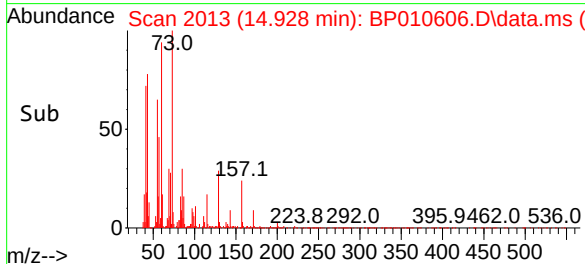
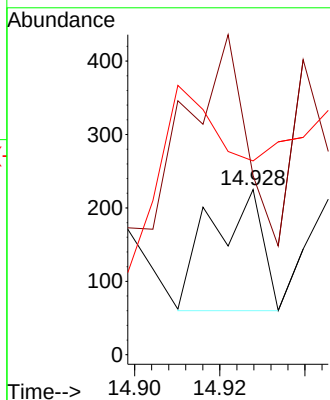
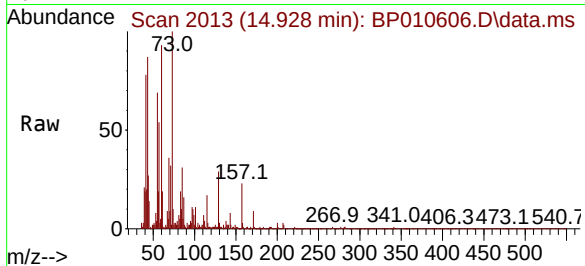




#56
4-Nitrophenol
Concen: 3.619 ng
RT: 14.928 min Scan# 2013
Delta R.T. 0.206 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

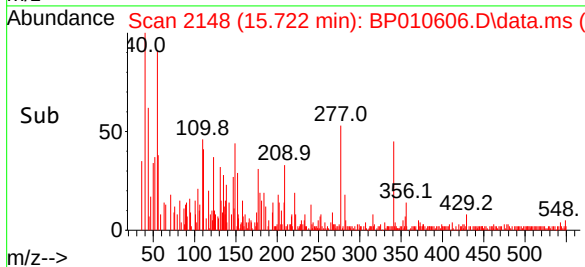
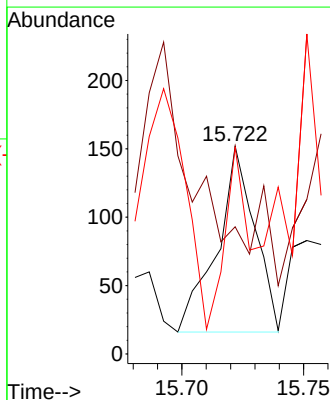
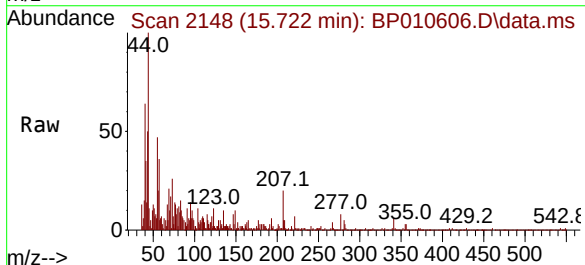
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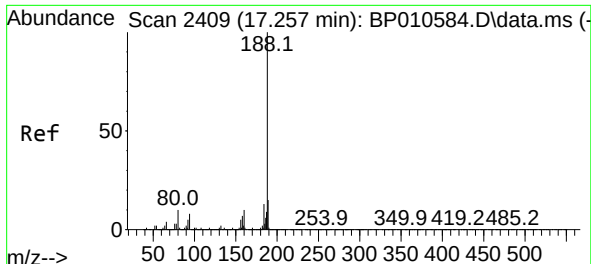
Tgt Ion:139 Resp: 139
Ion Ratio Lower Upper
139 100
109 108.4 70.6 110.6
65 117.3 106.6 146.6



#62
4-Nitroaniline
Concen: 2.151 ng
RT: 15.722 min Scan# 2148
Delta R.T. 0.147 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Tgt Ion:138 Resp: 147
Ion Ratio Lower Upper
138 100
92 61.2 38.0 78.0
108 99.3 77.6 117.6

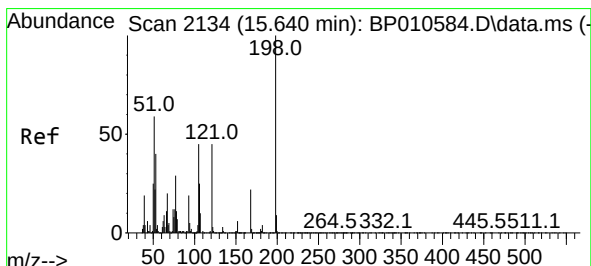
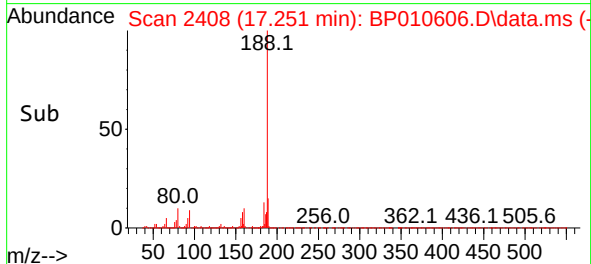
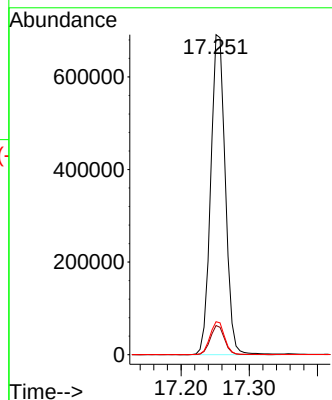
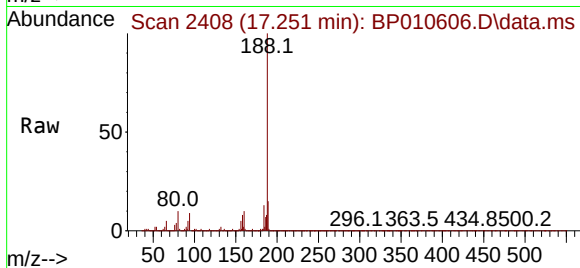




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

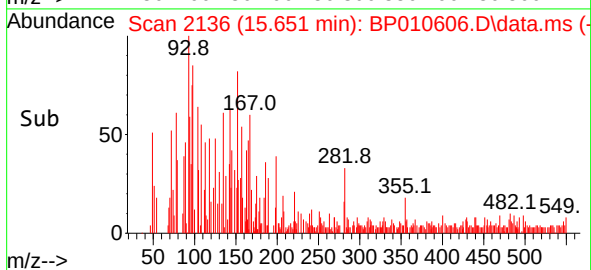
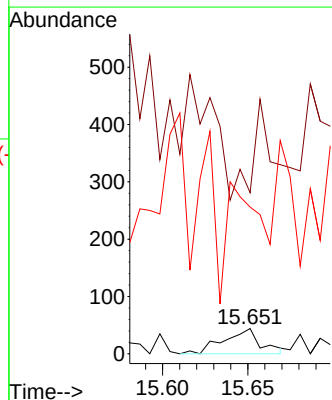
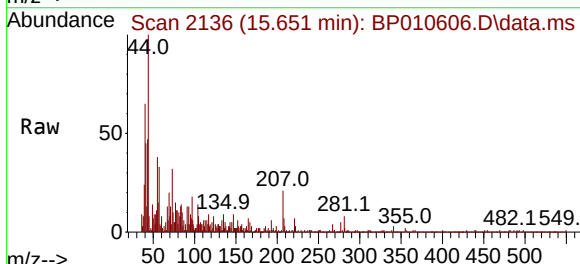
Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

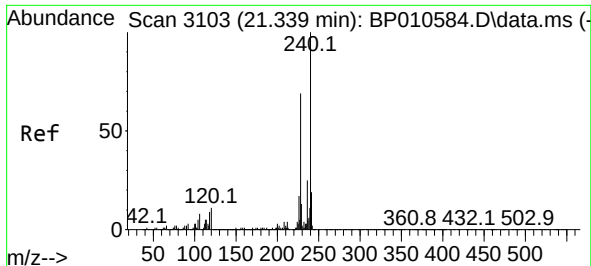
Tgt Ion:188 Resp: 1028473
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 10.3 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.612 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.011 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Tgt Ion:198 Resp: 66
Ion Ratio Lower Upper
198 100
51 638.6 41.2 81.2#
105 581.8 25.3 65.3#

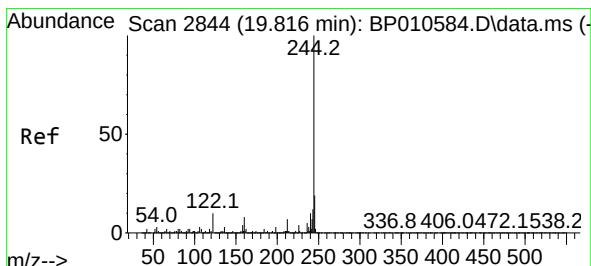
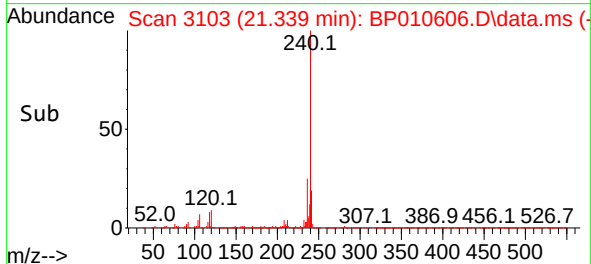
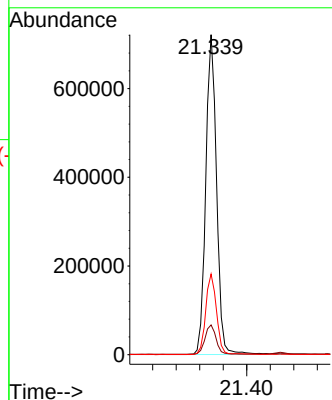
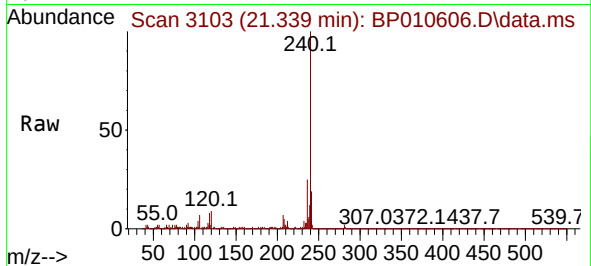




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

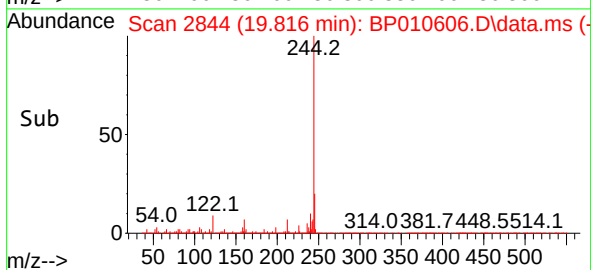
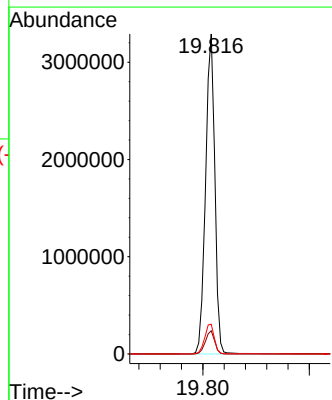
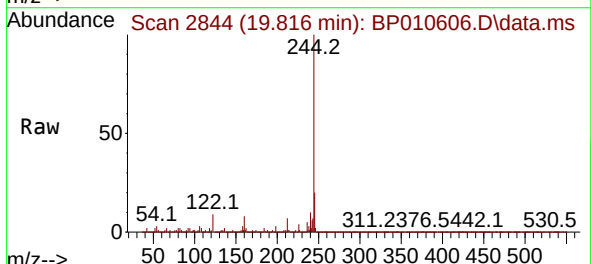
Instrument :
BNA_P
ClientSampleId :
P016-SS004-0006-01

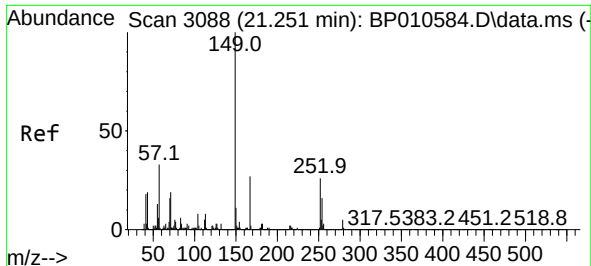
Tgt Ion:240 Resp: 926336
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 25.2 19.8 29.6



#79
Terphenyl-d14
Concen: 80.486 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010606.D
Acq: 28 May 2022 18:33

Tgt Ion:244 Resp: 3969397
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.3 7.6 11.4

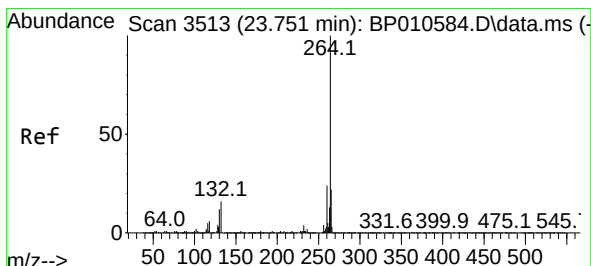
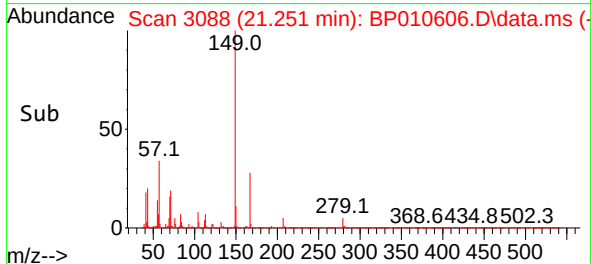
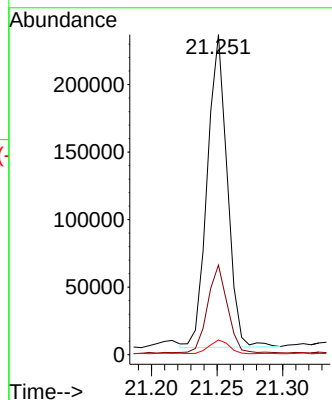
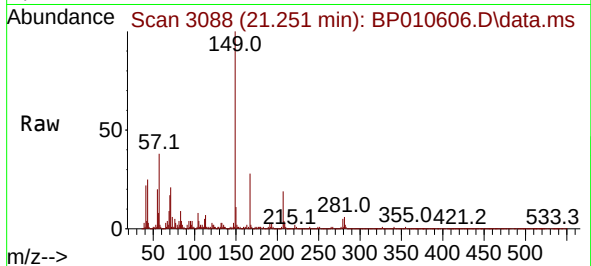




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.841 ng
 RT: 21.251 min Scan# 3088
 Delta R.T. -0.000 min
 Lab File: BP010606.D
 Acq: 28 May 2022 18:33

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS004-0006-01

Tgt Ion:	149	Resp:	245164
Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	4.6	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: BP010606.D
 Acq: 28 May 2022 18:33

Tgt Ion:	264	Resp:	790163
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.2	18.0	27.0

