

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010603.D
 Acq On : 28 May 2022 16:51
 Operator : CG/JU
 Sample : N2931-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS002-0006-01

Quant Time: May 28 23:37:22 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)

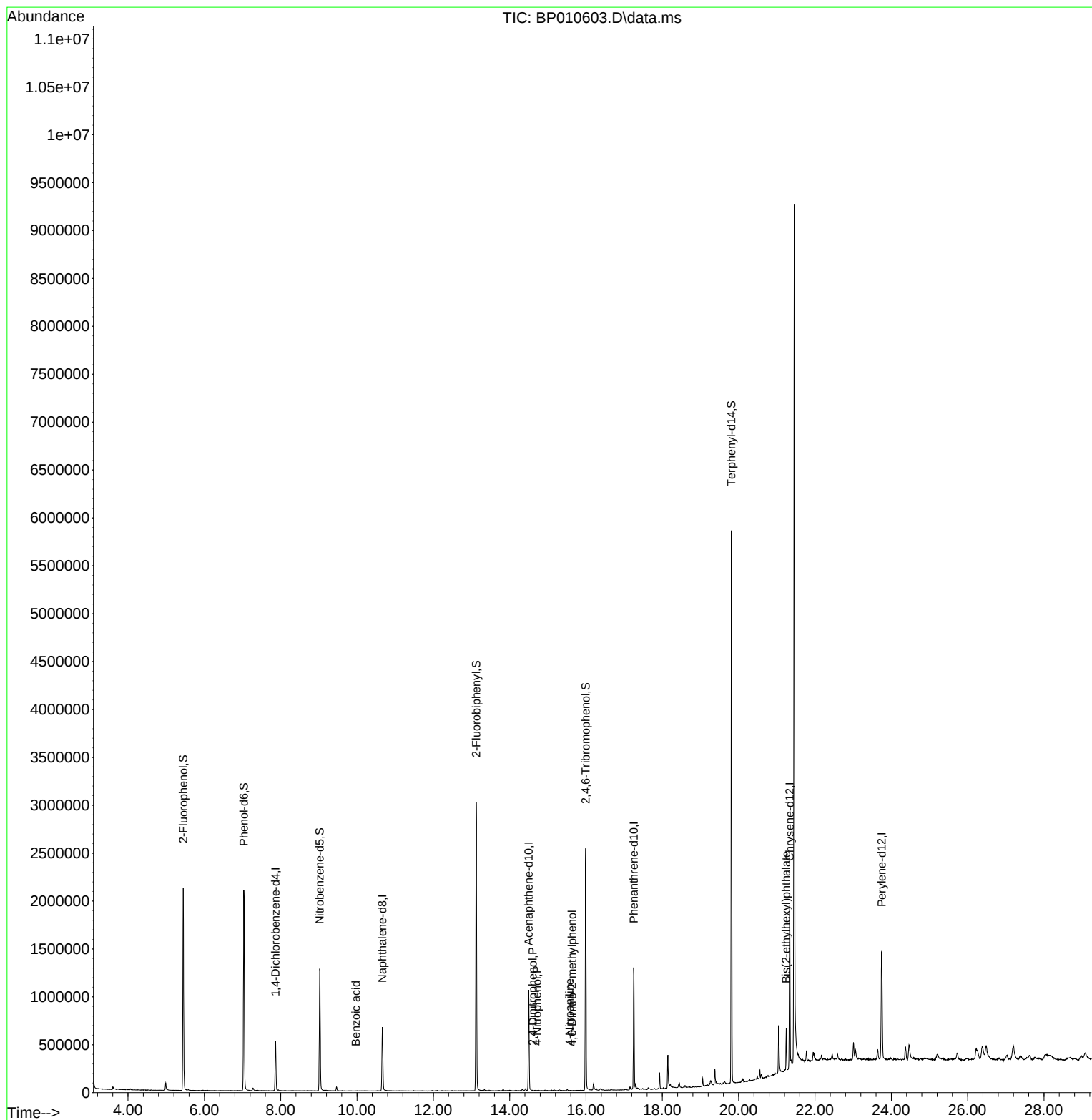
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	130951	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	544358	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	350515	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	753967	20.000	ng	0.00
76) Chrysene-d12	21.339	240	820303	20.000	ng	0.00
86) Perylene-d12	23.751	264	885391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	792606	110.420	ng	0.00
7) Phenol-d6	7.034	99	1088517	106.817	ng	0.00
23) Nitrobenzene-d5	9.022	82	738487	64.139	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	425199	107.166	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1488756	60.280	ng	0.00
79) Terphenyl-d14	19.810	244	2525168	57.821	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.969	122	196	7.357	ng	# 61
54) 2,4-Dinitrophenol	14.604	184	41	6.657	ng	# 8
56) 4-Nitrophenol	14.716	139	11	3.599	ng	# 1
62) 4-Nitroaniline	15.569	138	54	2.142	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.634	198	38	4.610	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.245	149	136674	4.306	ng	99

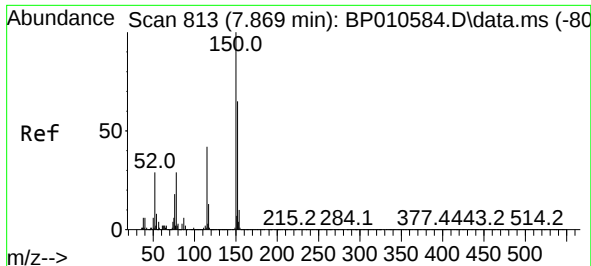
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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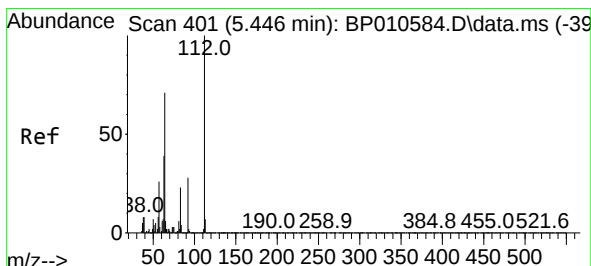
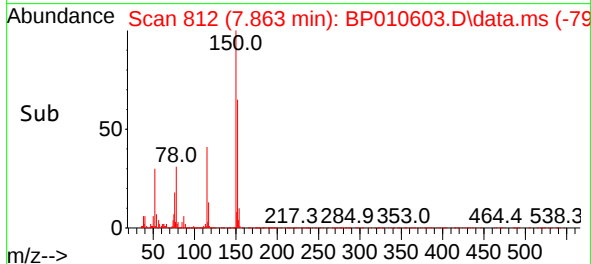
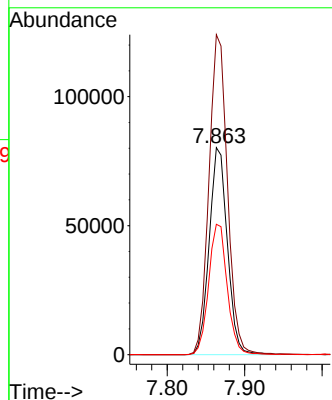
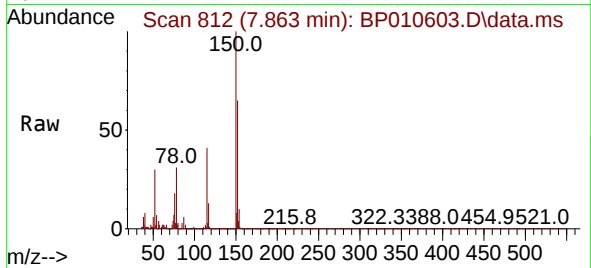




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

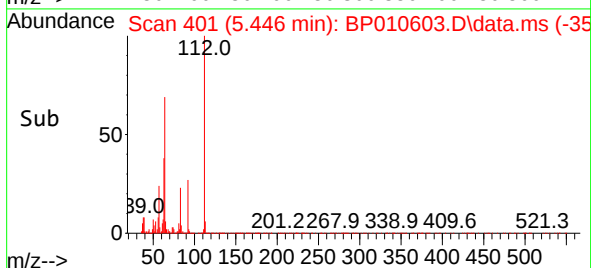
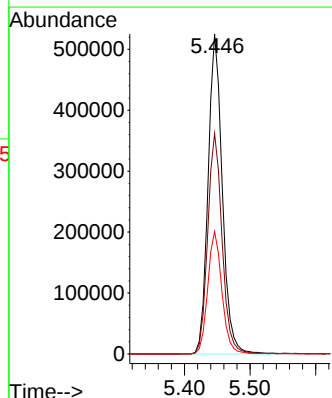
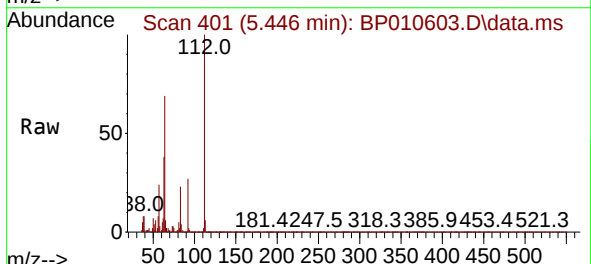
Instrument :
BNA_P
ClientSampleId :
P016-SS002-0006-01

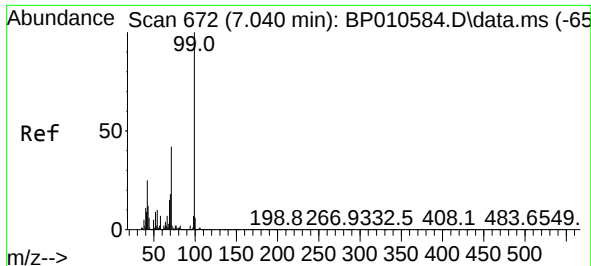
Tgt Ion:152 Resp: 130951
Ion Ratio Lower Upper
152 100
150 154.6 123.4 185.2
115 63.0 51.3 76.9



#5
2-Fluorophenol
Concen: 110.420 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

Tgt Ion:112 Resp: 792606
Ion Ratio Lower Upper
112 100
64 68.9 56.9 85.3
63 38.3 31.2 46.8

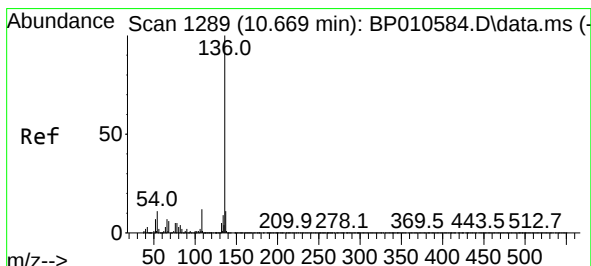
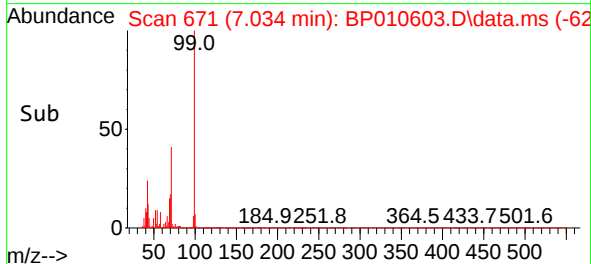
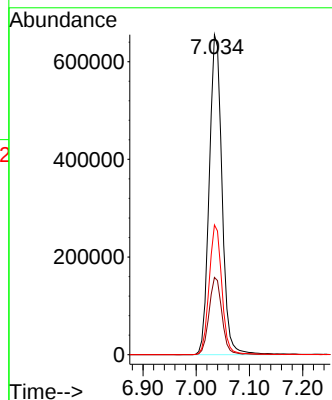
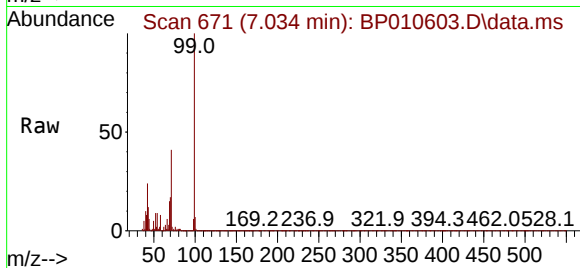




#7
Phenol-d6
Concen: 106.817 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

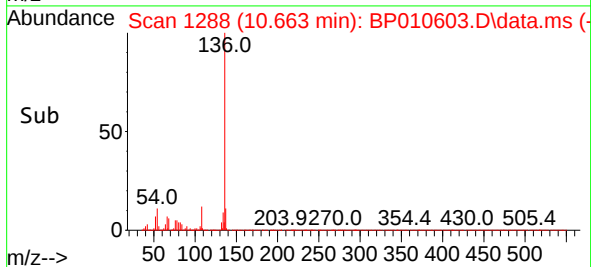
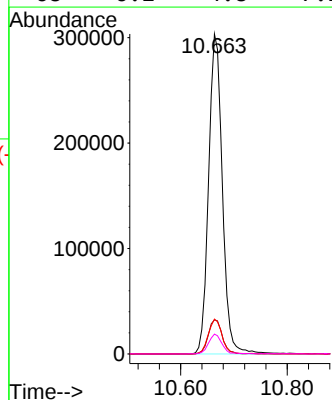
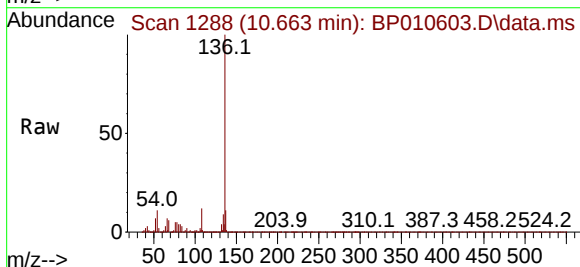
Instrument :
BNA_P
ClientSampleId :
P016-SS002-0006-01

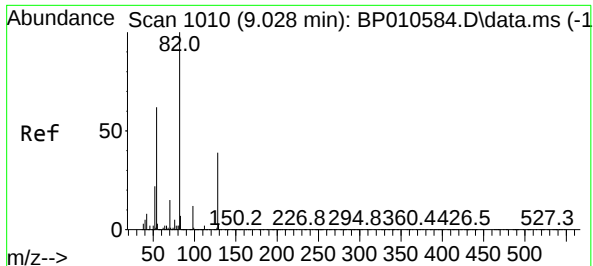
Tgt Ion: 99 Resp: 1088517
Ion Ratio Lower Upper
99 100
42 24.1 20.3 30.5
71 40.5 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

Tgt Ion:136 Resp: 544358
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 10.9 8.7 13.1
68 6.2 4.8 7.2

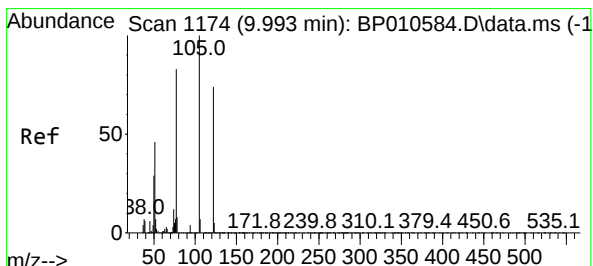
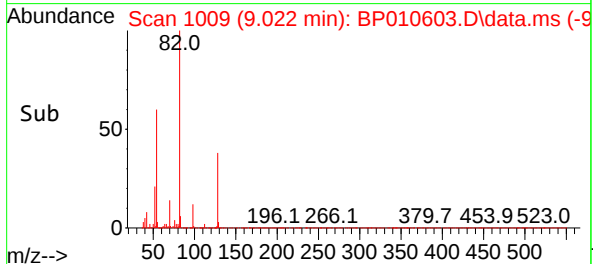
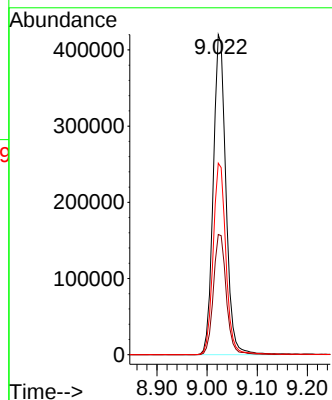
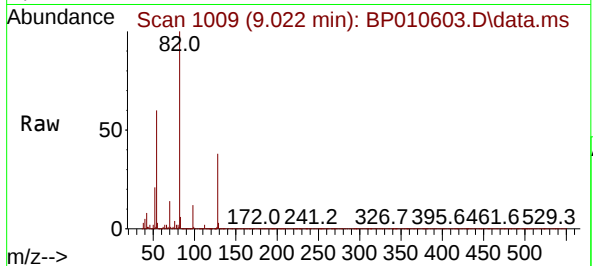




#23
Nitrobenzene-d5
Concen: 64.139 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

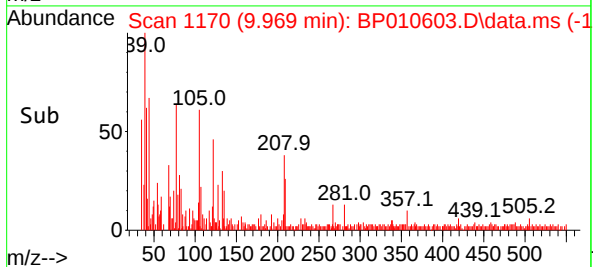
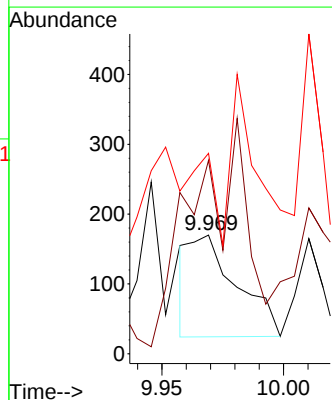
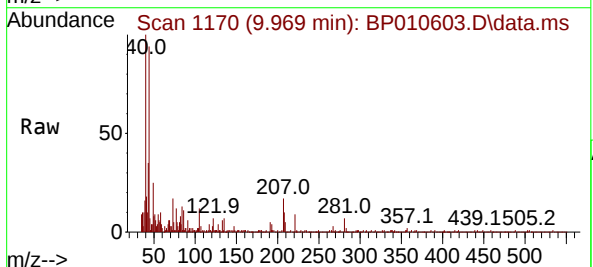
Instrument :
BNA_P
ClientSampleId :
P016-SS002-0006-01

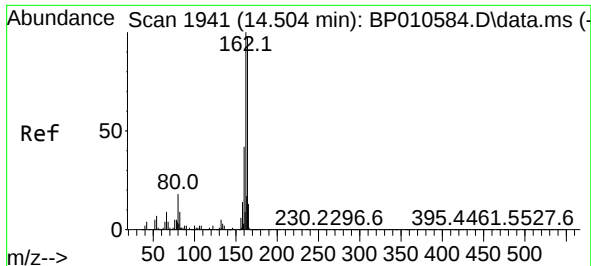
Tgt Ion: 82 Resp: 738487
Ion Ratio Lower Upper
82 100
128 37.6 31.3 46.9
54 59.9 49.8 74.8



#32
Benzoic acid
Concen: 7.357 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.024 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

Tgt Ion: 122 Resp: 196
Ion Ratio Lower Upper
122 100
105 162.9 112.6 152.6#
77 168.8 90.2 130.2#

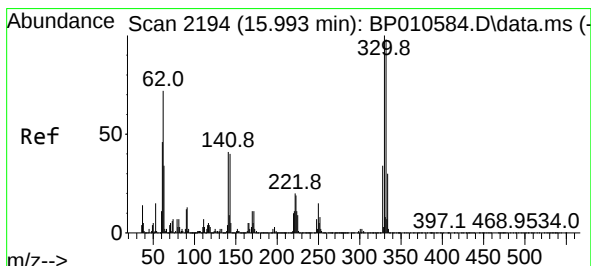
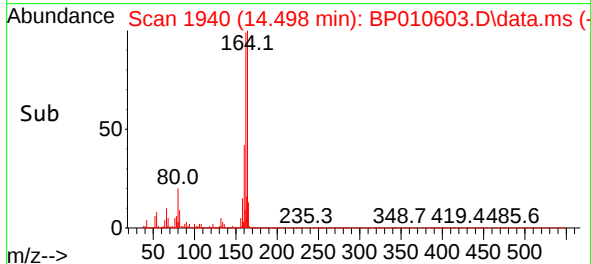
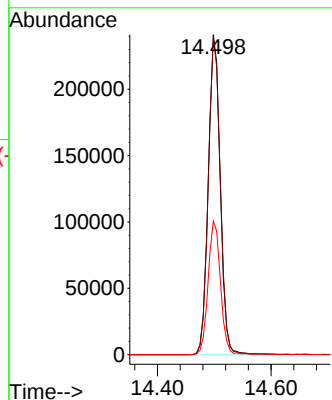
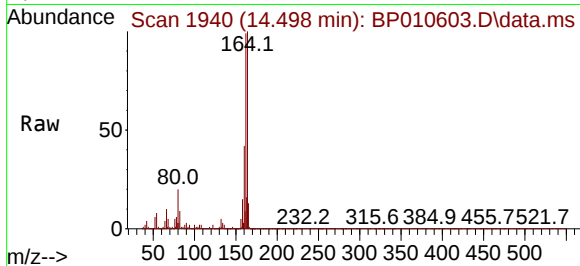




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

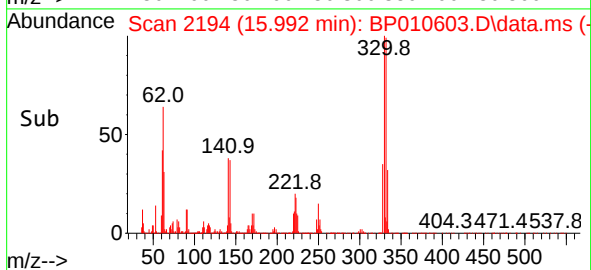
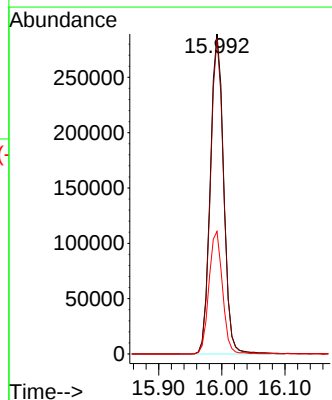
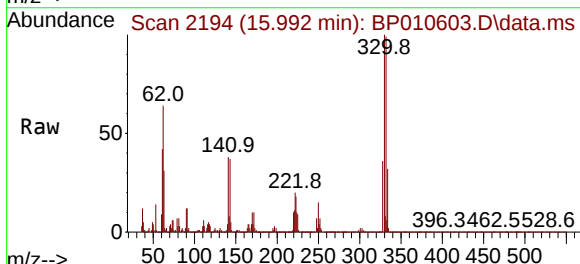
Instrument :
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ClientSampleId :
P016-SS002-0006-01

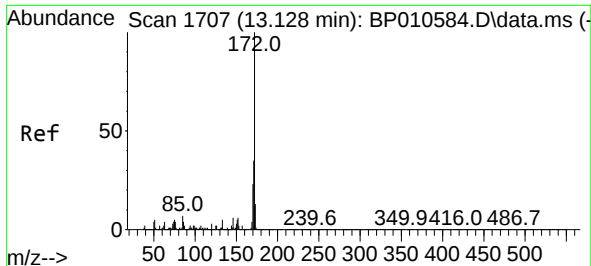
Tgt Ion:164 Resp: 350515
Ion Ratio Lower Upper
164 100
162 99.1 81.9 122.9
160 41.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 107.166 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

Tgt Ion:330 Resp: 425199
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 38.7 31.4 47.2

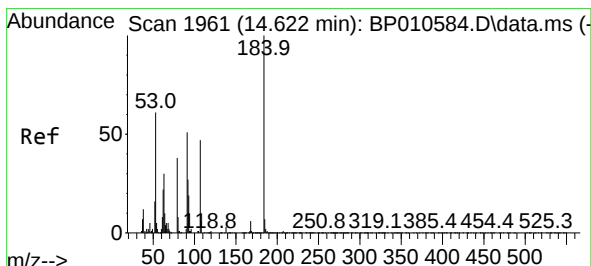
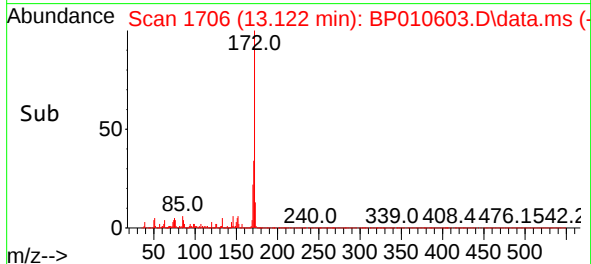
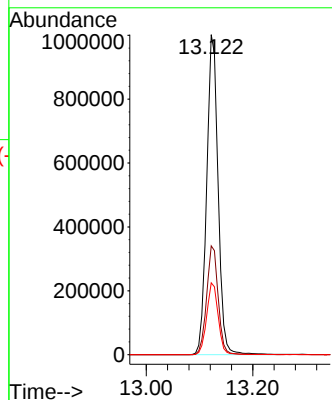
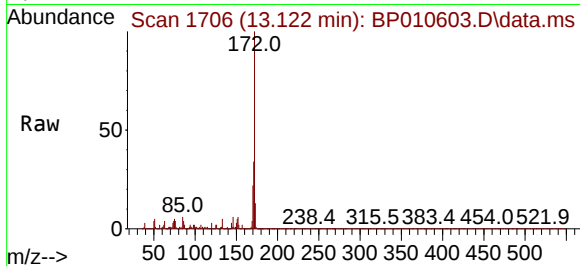




#45
2-Fluorobiphenyl
Concen: 60.280 ng
RT: 13.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

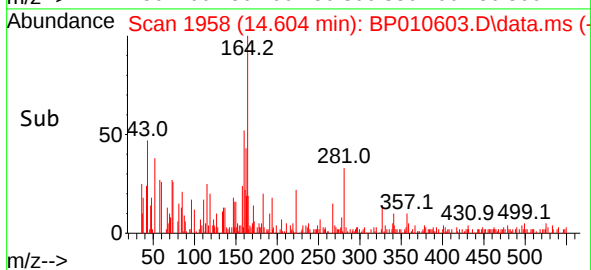
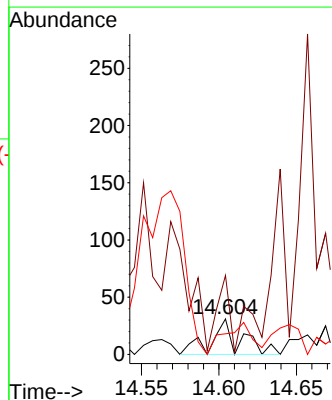
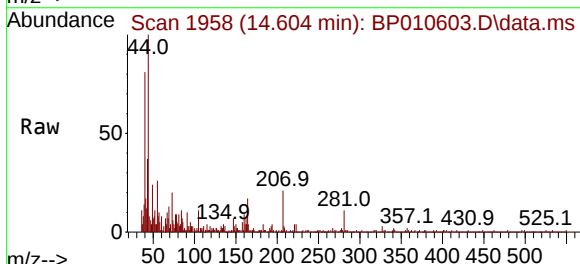
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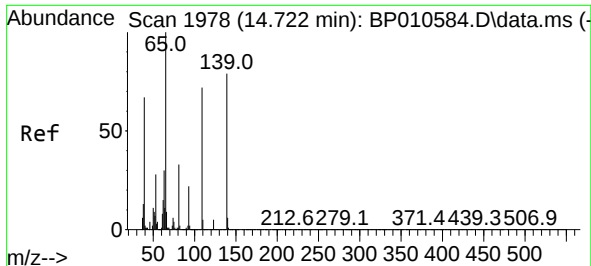
Tgt Ion:172 Resp: 1488756
Ion Ratio Lower Upper
172 100
171 34.0 27.9 41.9
170 22.4 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.657 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

Tgt Ion:184 Resp: 41
Ion Ratio Lower Upper
184 100
63 222.6 65.4 98.2#
154 58.1 55.4 83.2

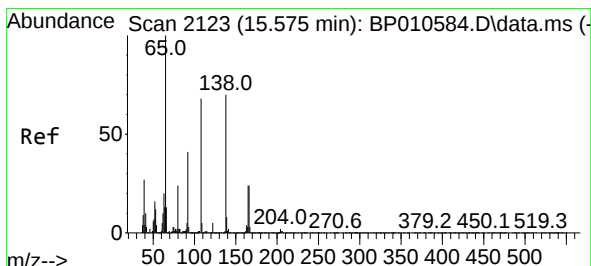
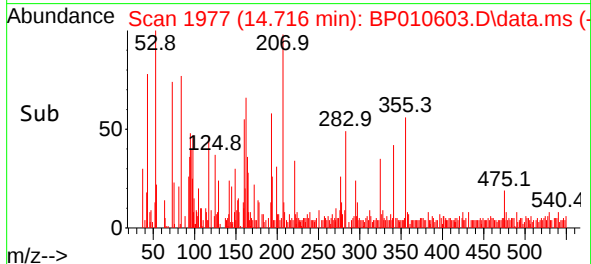
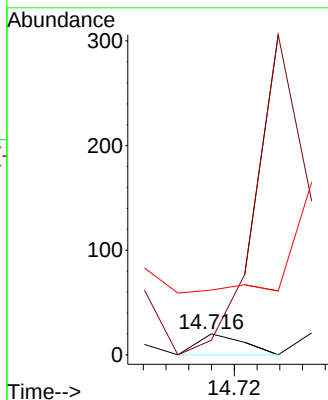
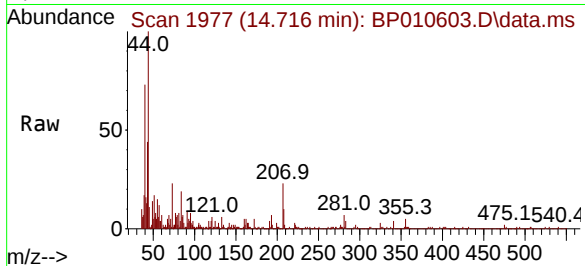




#56
4-Nitrophenol
Concen: 3.599 ng
RT: 14.716 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

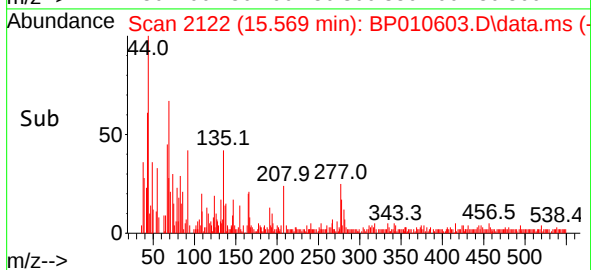
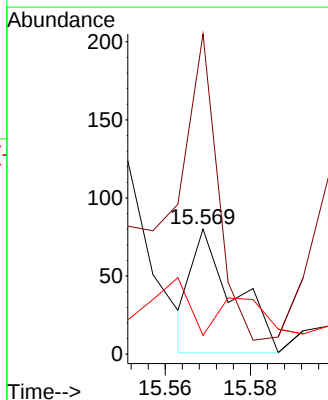
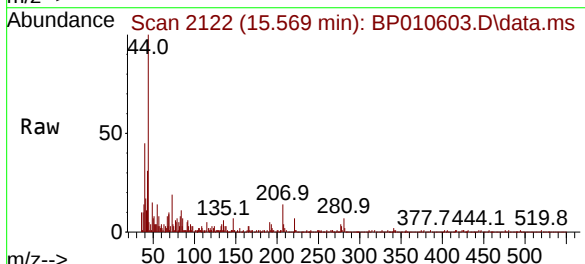
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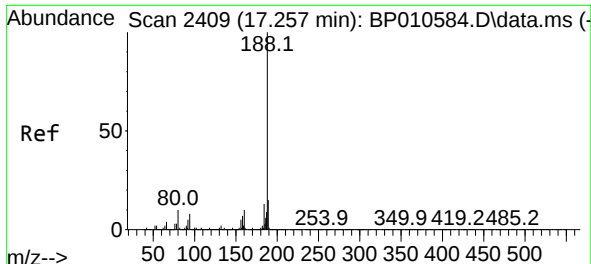
Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
109 105.0 70.6 110.6
65 310.0 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.142 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
92 256.3 38.0 78.0#
108 135.0 77.6 117.6#

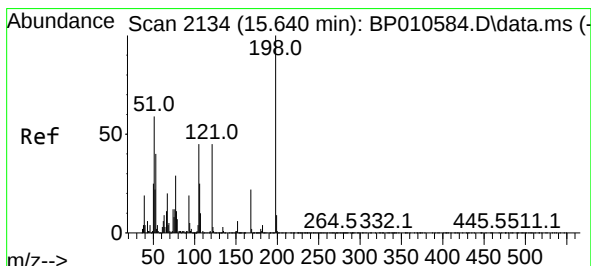
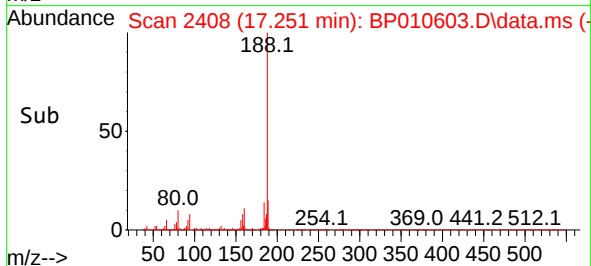
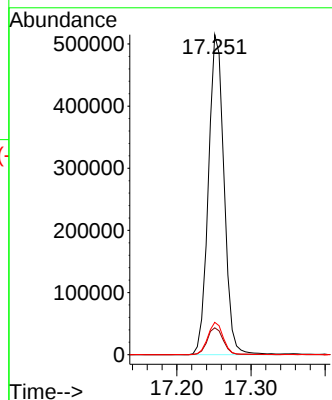
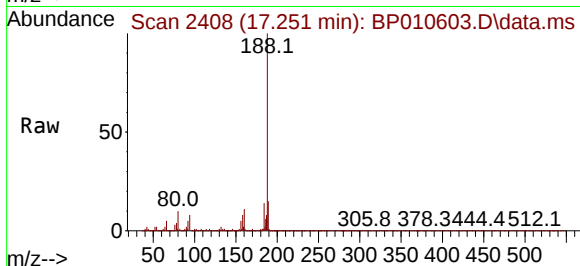




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

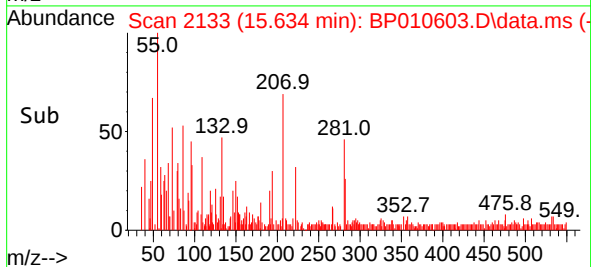
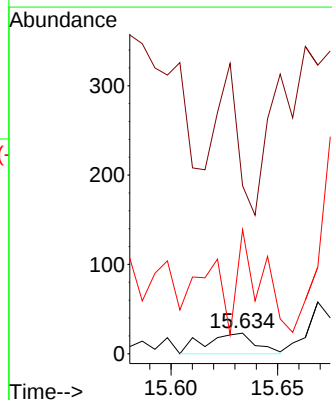
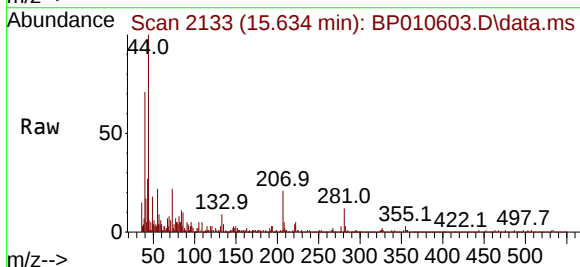
Instrument :
BNA_P
ClientSampleId :
P016-SS002-0006-01

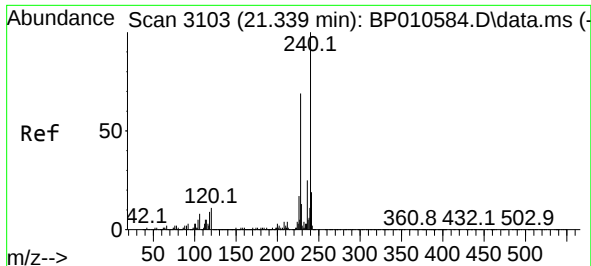
Tgt Ion:188 Resp: 753967
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 10.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.610 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

Tgt Ion:198 Resp: 38
Ion Ratio Lower Upper
198 100
51 817.4 41.2 81.2#
105 604.3 25.3 65.3#

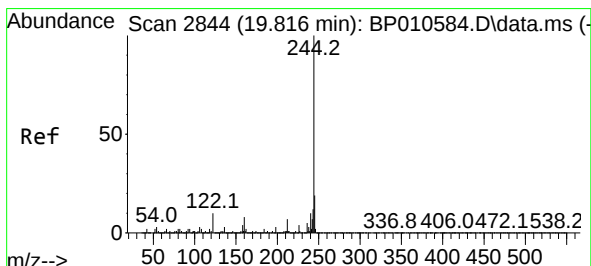
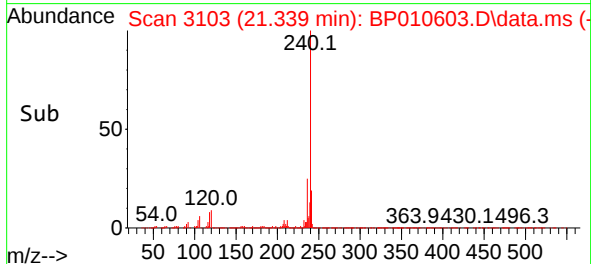
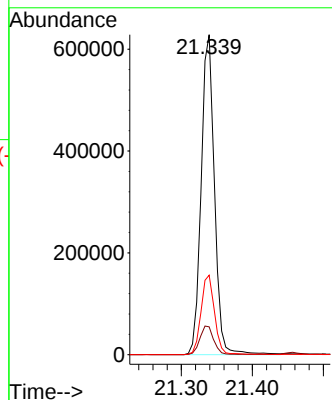
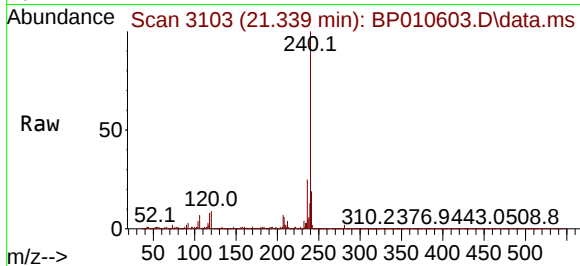




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

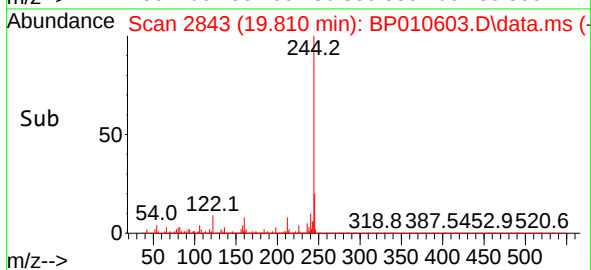
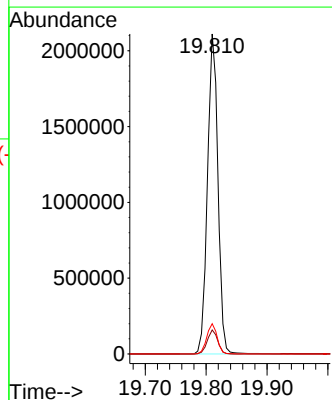
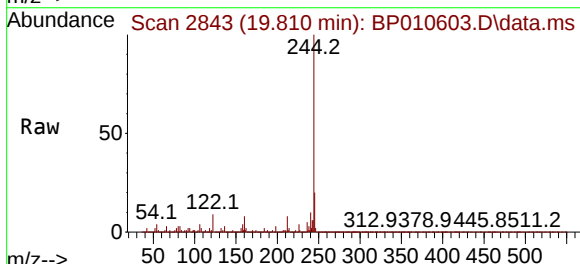
Instrument :
BNA_P
ClientSampleId :
P016-SS002-0006-01

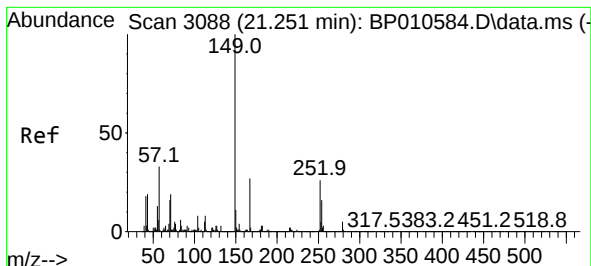
Tgt Ion:240 Resp: 820303
Ion Ratio Lower Upper
240 100
120 8.7 8.6 12.8
236 24.9 19.8 29.6



#79
Terphenyl-d14
Concen: 57.821 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010603.D
Acq: 28 May 2022 16:51

Tgt Ion:244 Resp: 2525168
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.4 7.6 11.4

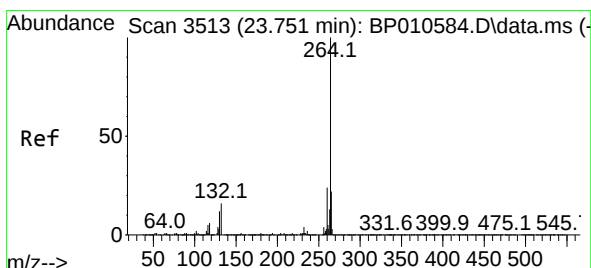
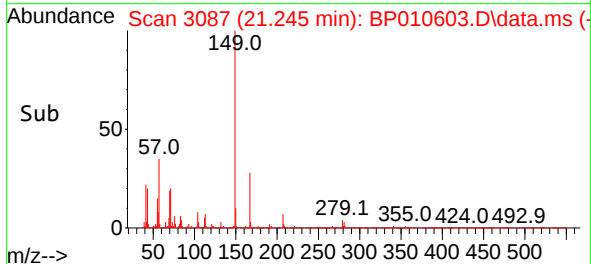
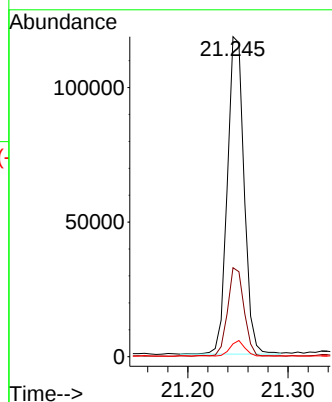
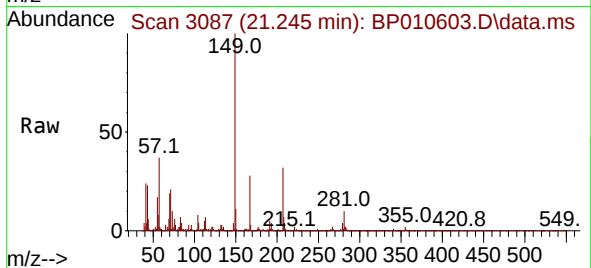




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.306 ng
 RT: 21.245 min Scan# 3088
 Delta R.T. -0.006 min
 Lab File: BP010603.D
 Acq: 28 May 2022 16:51

Instrument :
 BNA_P
 ClientSampleId :
 P016-SS002-0006-01

Tgt Ion:149 Resp: 136674
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.8
 279 4.0 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: BP010603.D
 Acq: 28 May 2022 16:51

Tgt Ion:264 Resp: 885391
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.3 28.9
 265 22.4 18.0 27.0

