

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050508.D
 Acq On : 8 Oct 2021 14:00
 Operator : CG/JU
 Sample : M4077-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

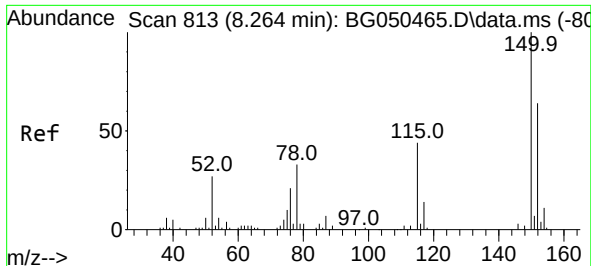
Instrument :
 BNA_G
 ClientSampleId :
 CC-28

Quant Time: Oct 08 16:19:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	45817	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	198949	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	136252	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	275927	20.000	ng	# 0.00
76) Chrysene-d12	21.931	240	225346	20.000	ng	# 0.01
86) Perylene-d12	25.356	264	231387	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	332055	108.388	ng	0.01
7) Phenol-d6	7.407	99	447700	100.935	ng	0.01
23) Nitrobenzene-d5	9.434	82	301279	62.688	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	66723	51.341	ng	0.01
45) 2-Fluorobiphenyl	13.505	172	554280	61.225	ng	0.00
79) Terphenyl-d14	20.215	244	737412	63.772	ng	0.00
Target Compounds						
9) Benzaldehyde	7.401	77	1564	Below Cal		Qvalue # 10
16) 2,2'-oxybis(1-Chloropr...	8.411	45	15235	2.775	ng	71
19) n-Nitroso-di-n-propyla...	9.434	70	43401	13.425	ng	# 74
51) 2,6-Dinitrotoluene	14.392	165	19539	9.472	ng	# 15
57) 2,4-Dinitrotoluene	14.880	165	17297	5.949	ng	# 18
74) Di-n-butylphthalate	18.564	149	251113	14.859	ng	# 97
80) Butylbenzylphthalate	20.897	149	29759	4.400	ng	86
84) Bis(2-ethylhexyl)phtha...	21.790	149	73756	7.676	ng	97

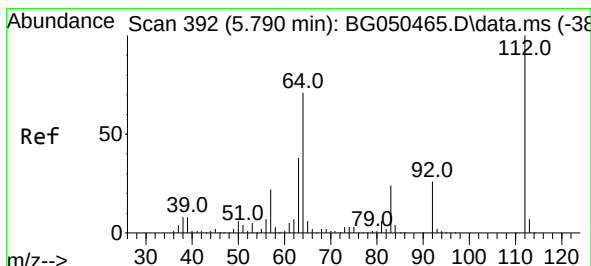
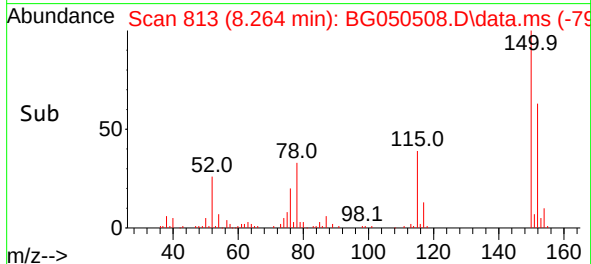
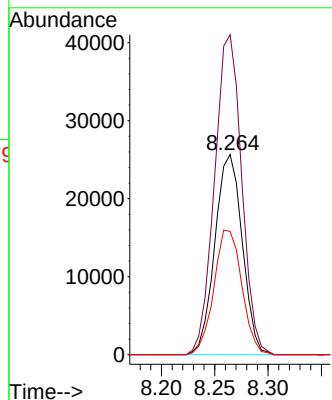
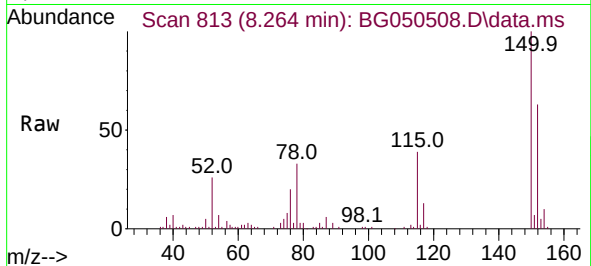
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

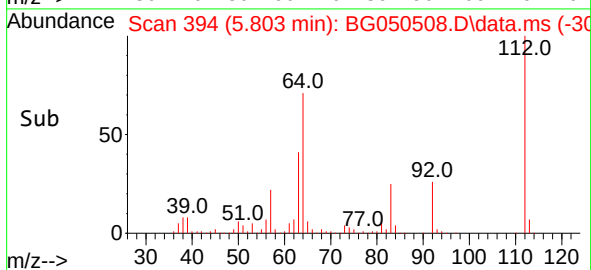
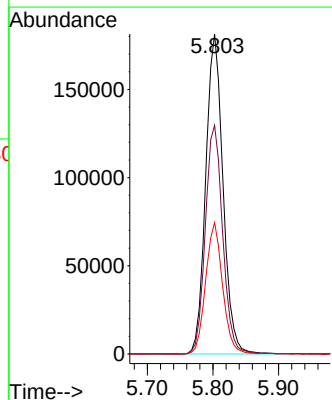
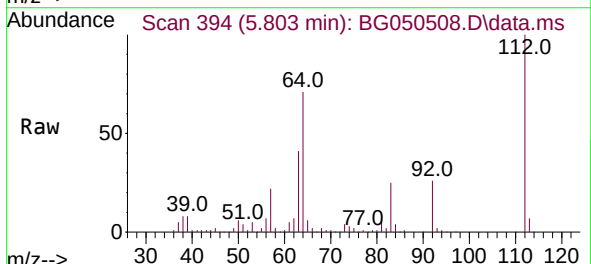
Instrument :
BNA_G
ClientSampled :
CC-28

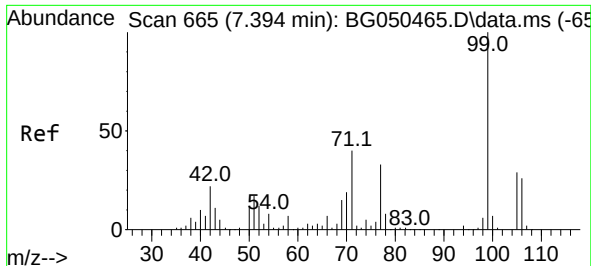
Tgt Ion:152 Resp: 45817
Ion Ratio Lower Upper
152 100
150 159.9 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 108.388 ng
RT: 5.803 min Scan# 394
Delta R.T. 0.013 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion:112 Resp: 332055
Ion Ratio Lower Upper
112 100
64 71.4 46.7 70.1#
63 41.0 35.3 52.9

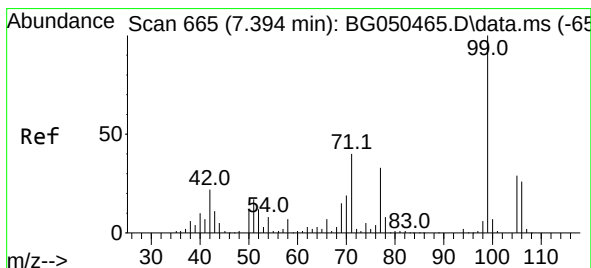
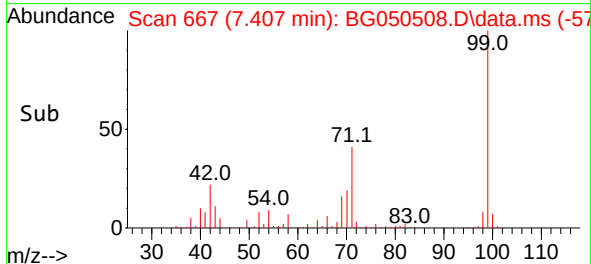
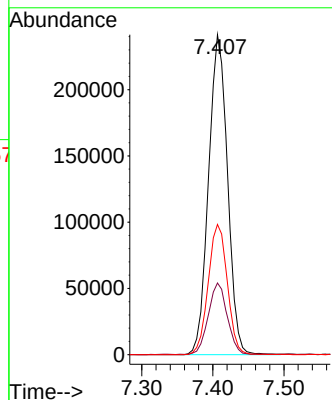
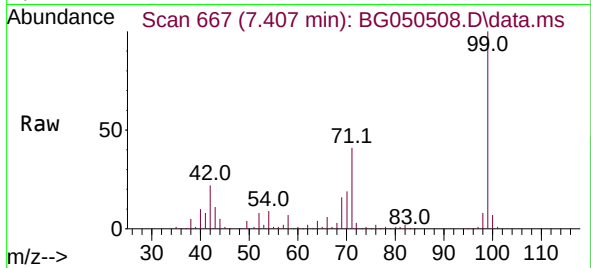




#7
Phenol-d6
Concen: 100.935 ng
RT: 7.407 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

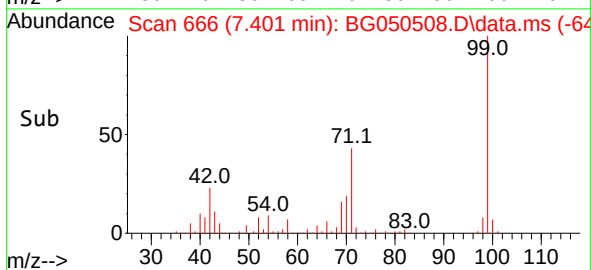
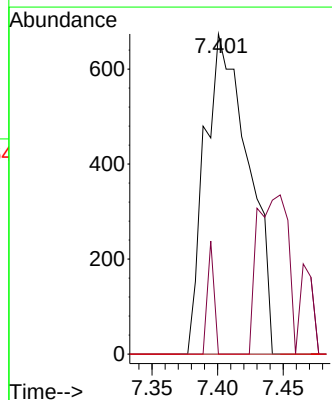
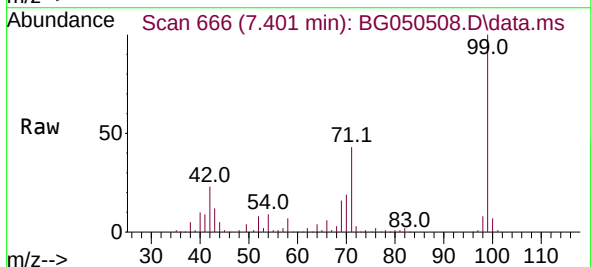
Instrument :
BNA_G
ClientSampled :
CC-28

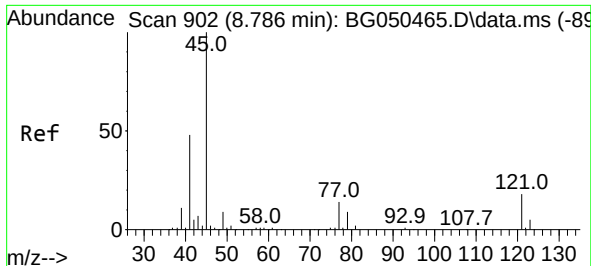
Tgt Ion: 99 Resp: 447700
Ion Ratio Lower Upper
99 100
42 22.4 20.5 30.7
71 40.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion: 77 Resp: 1564
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

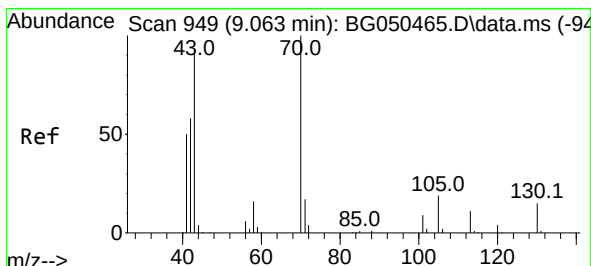
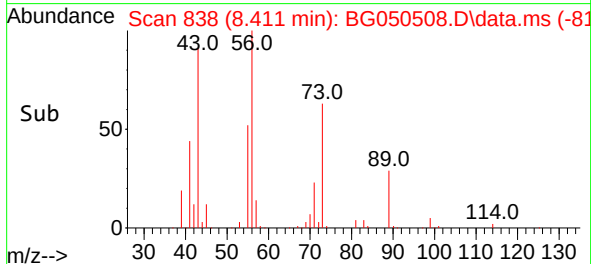
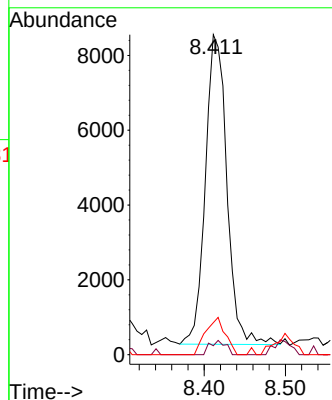
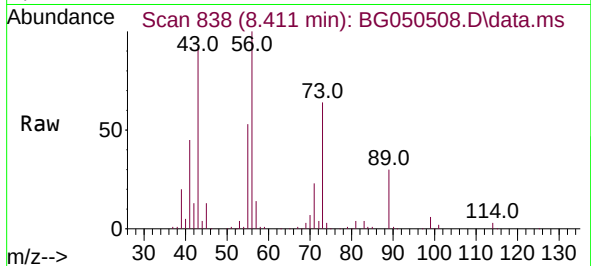




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.775 ng
RT: 8.411 min Scan# 838
Delta R.T. -0.375 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

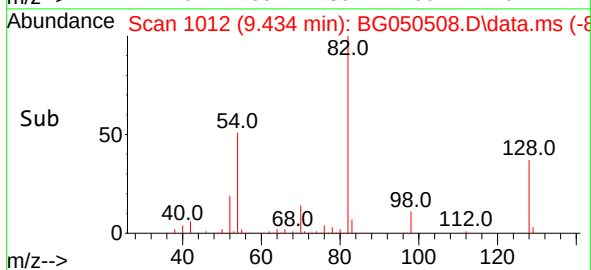
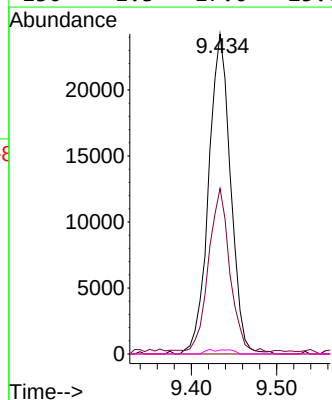
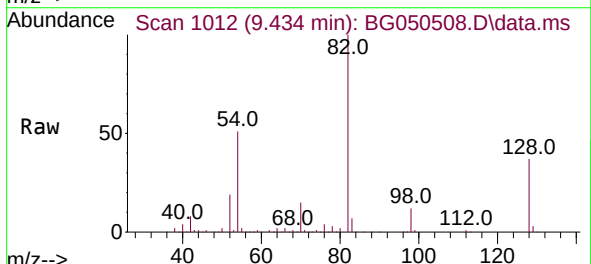
Instrument :
BNA_G
ClientSampled :
CC-28

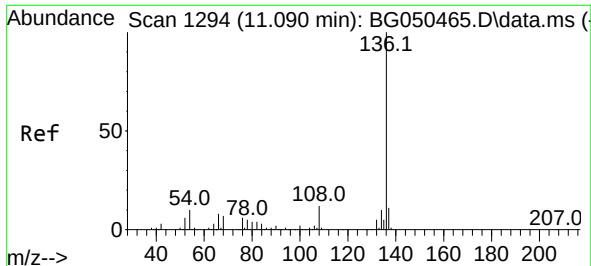
Tgt Ion: 45 Resp: 15235
Ion Ratio Lower Upper
45 100
77 2.8 2.2 42.2
79 10.0 0.0 34.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.425 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.371 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

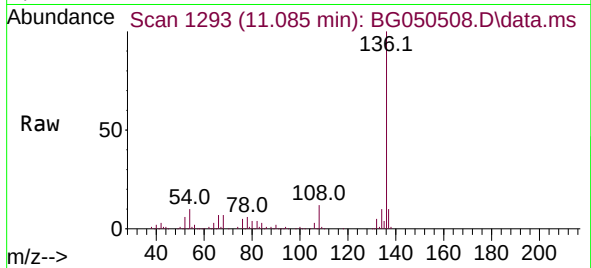
Tgt Ion: 70 Resp: 43401
Ion Ratio Lower Upper
70 100
42 51.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#



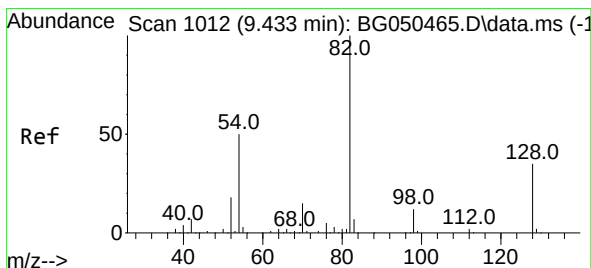
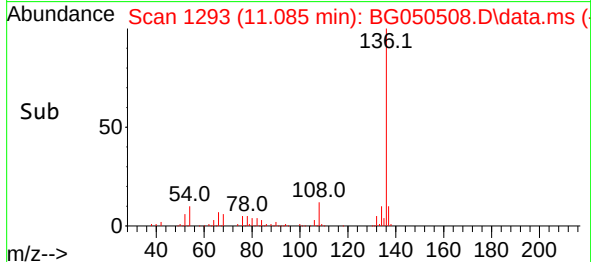
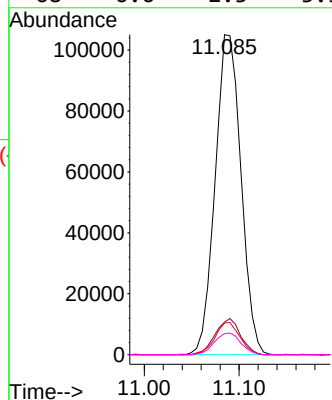


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Instrument :
BNA_G
ClientSampleId :
CC-28

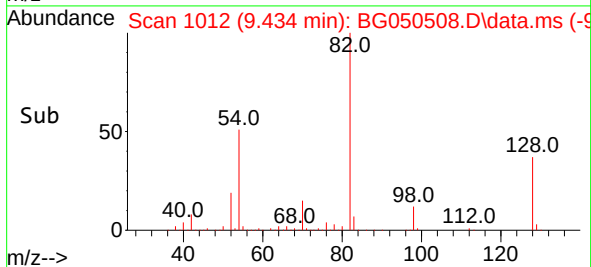
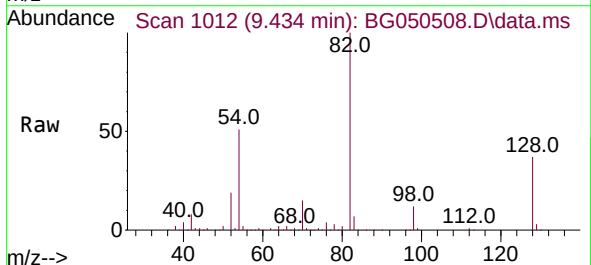
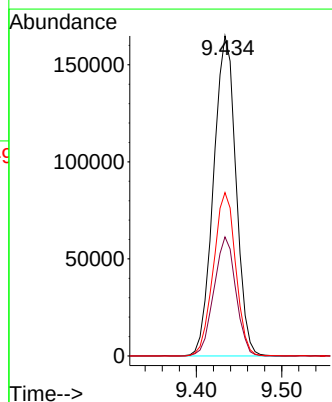


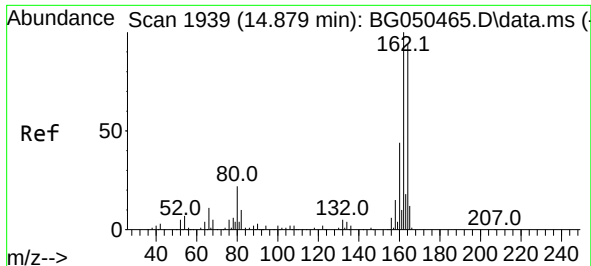
Tgt Ion:	136	Resp:	198949
Ion Ratio	100	Lower	Upper
136	100		
137	10.2	8.2	12.2
54	9.9	5.5	8.3#
68	6.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 62.688 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion:	82	Resp:	301279
Ion Ratio	100	Lower	Upper
82	100		
128	37.2	29.8	44.6
54	51.1	45.8	68.8

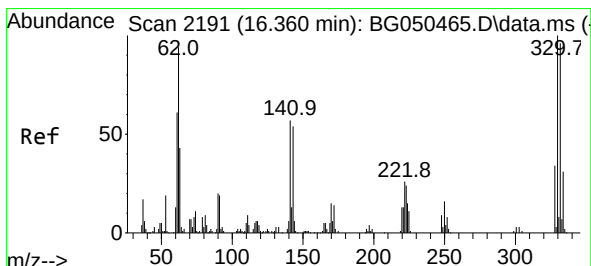
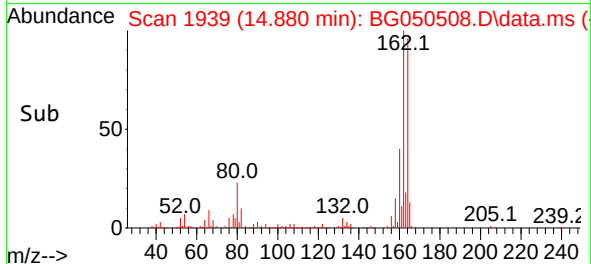
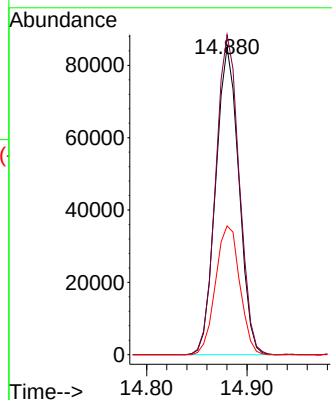
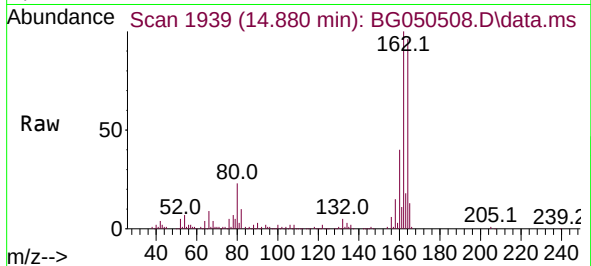




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

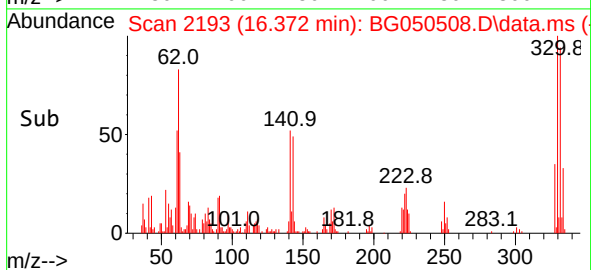
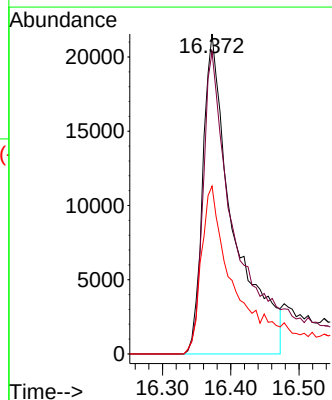
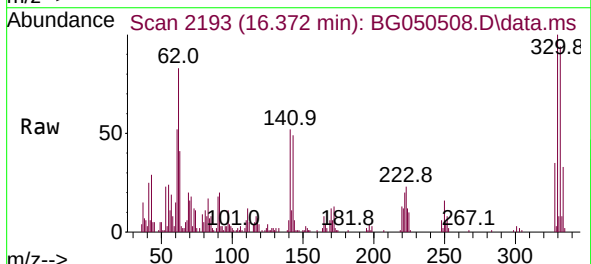
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ClientSampled :
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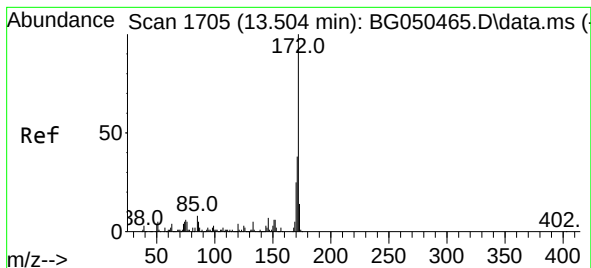
Tgt Ion:164 Resp: 136252
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 41.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 51.341 ng
RT: 16.372 min Scan# 2193
Delta R.T. 0.013 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion:330 Resp: 66723
Ion Ratio Lower Upper
330 100
332 103.9 77.3 115.9
141 61.4 35.6 53.4#

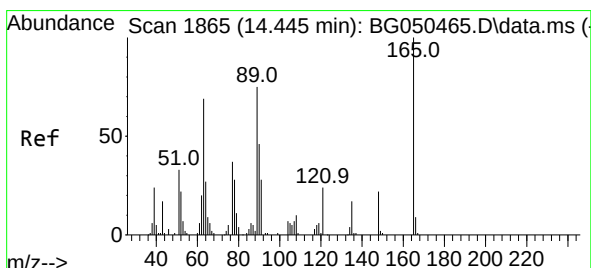
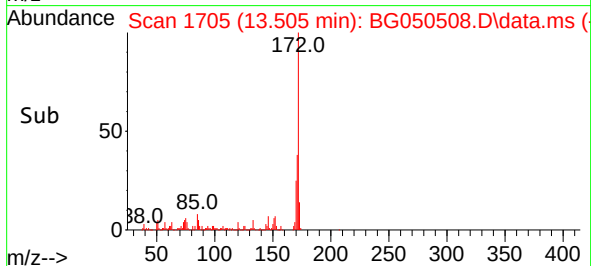
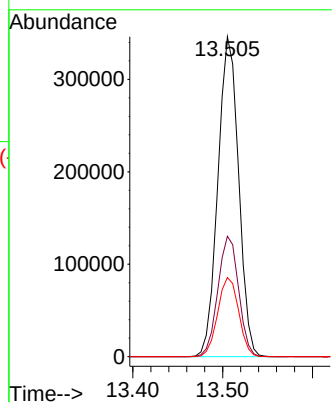
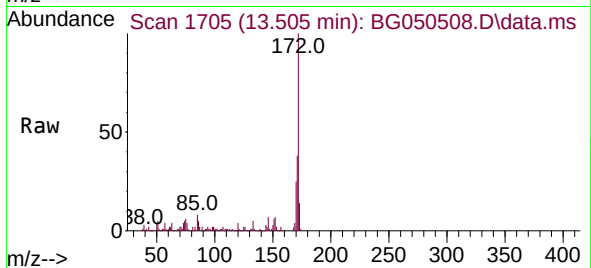




#45
2-Fluorobiphenyl
Concen: 61.225 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

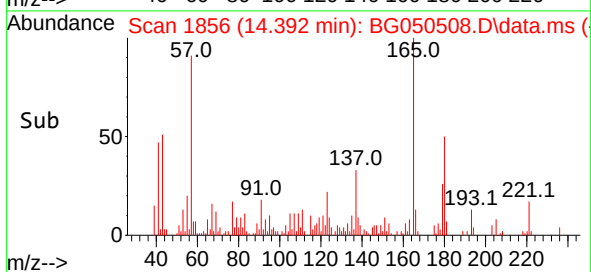
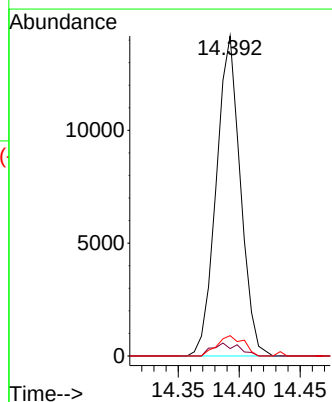
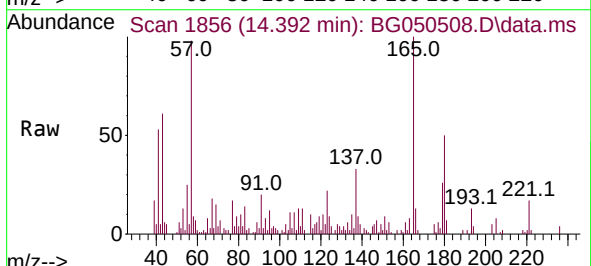
Instrument :
BNA_G
ClientSampled :
CC-28

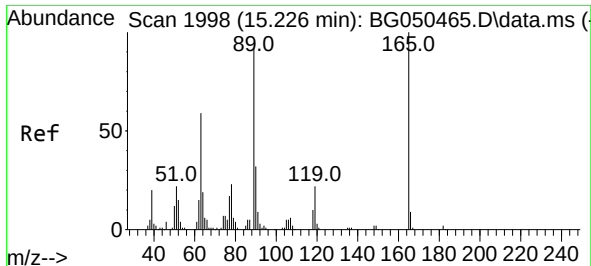
Tgt Ion:172 Resp: 554280
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 24.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.472 ng
RT: 14.392 min Scan# 1856
Delta R.T. -0.052 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion:165 Resp: 19539
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 6.3 63.4 95.0#

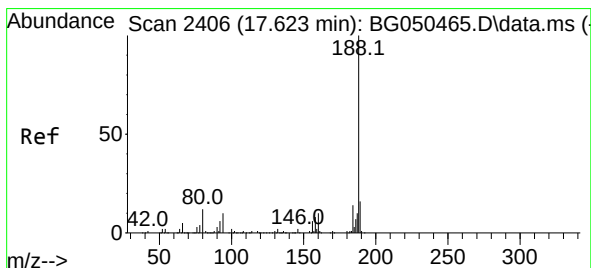
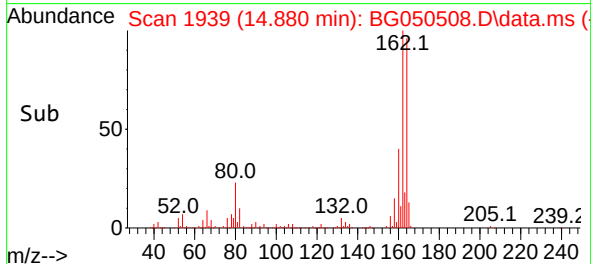
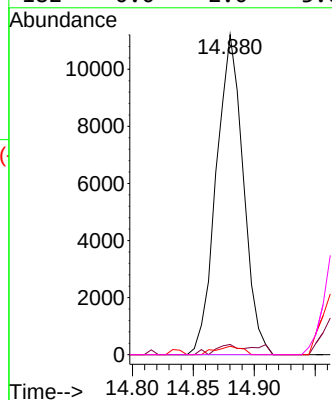
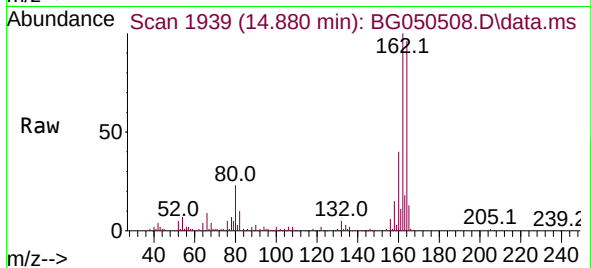




#57
2,4-Dinitrotoluene
Concen: 5.949 ng
RT: 14.880 min Scan# 1939
Delta R.T. -0.346 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

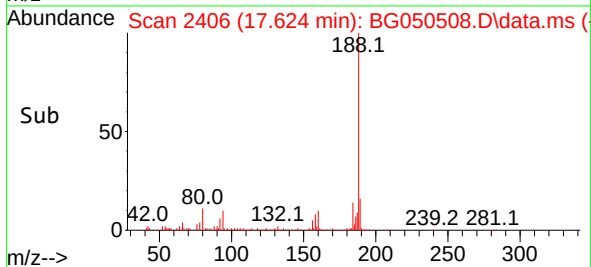
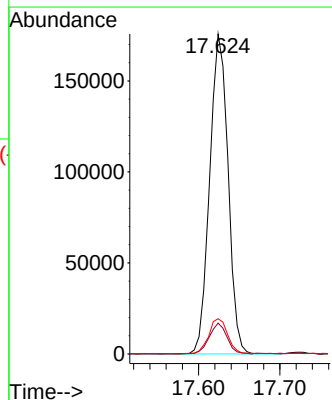
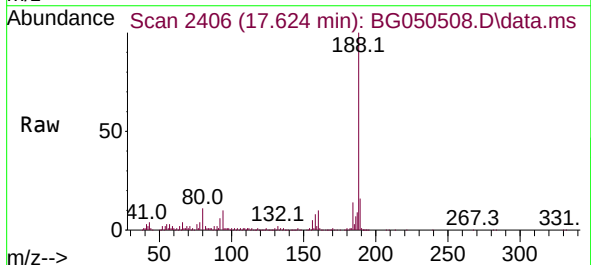
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BNA_G
ClientSampled :
CC-28

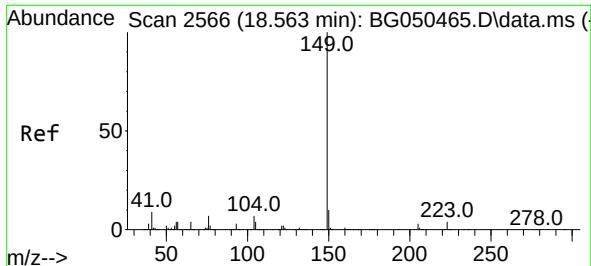
Tgt Ion:165 Resp: 17297
Ion Ratio Lower Upper
165 100
63 3.2 48.0 72.0#
89 2.7 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion:188 Resp: 275927
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.0 3.7 5.5#

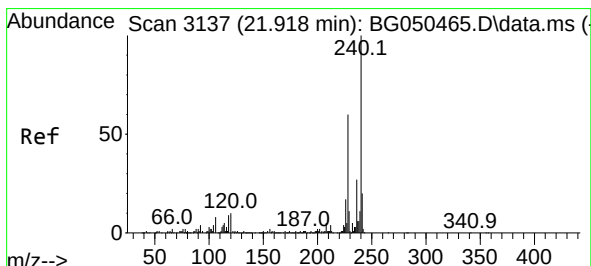
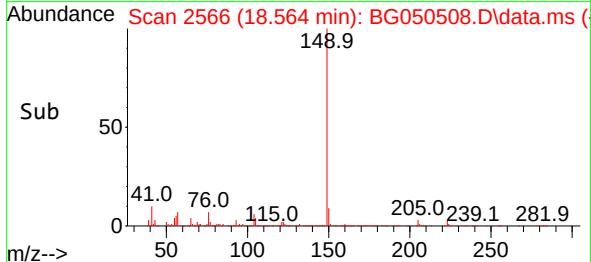
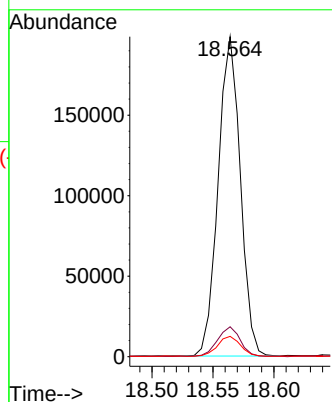
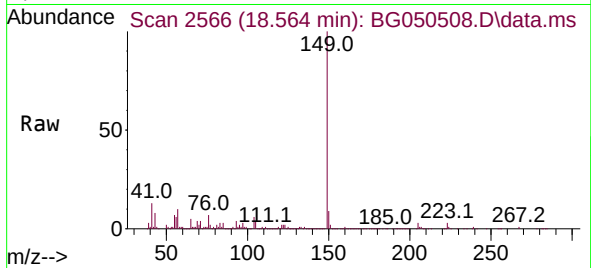




#74
Di-n-butylphthalate
Concen: 14.859 ng
RT: 18.564 min Scan# 2566
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

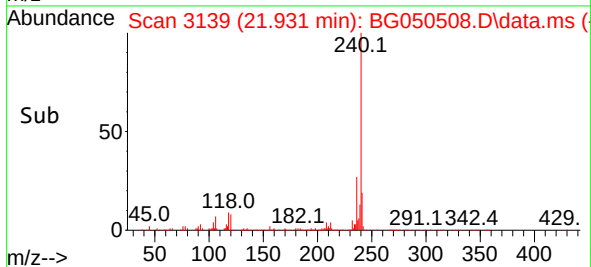
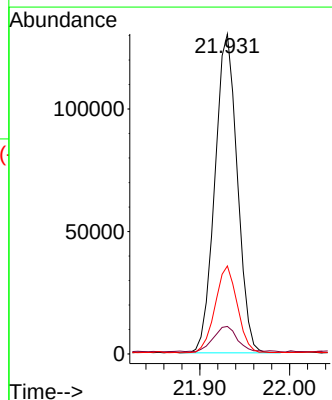
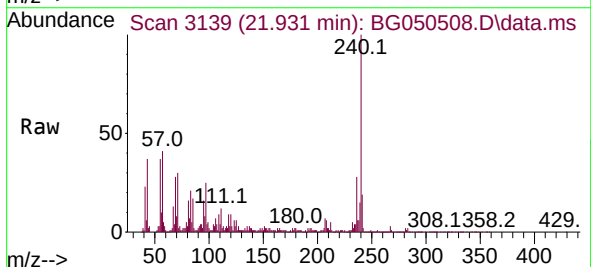
Instrument :
BNA_G
ClientSampled :
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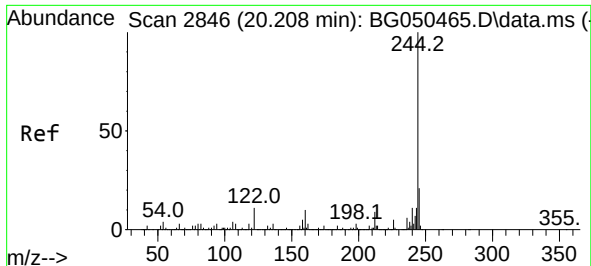
Tgt Ion:149 Resp: 251113
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 6.4 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3139
Delta R.T. 0.013 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion:240 Resp: 225346
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.2#
236 27.5 21.8 32.6

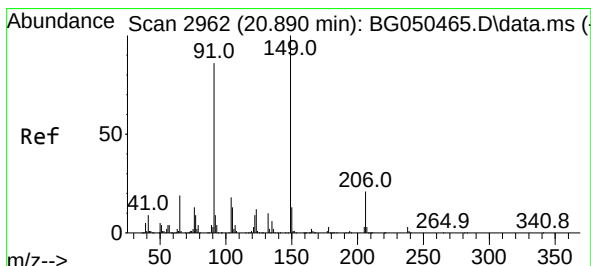
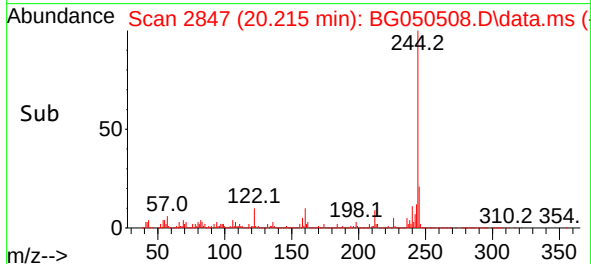
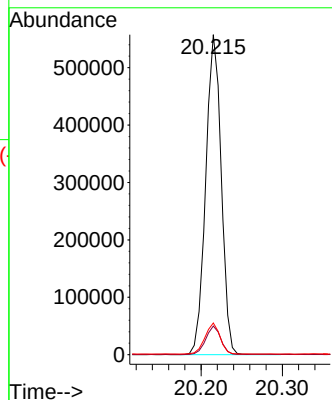
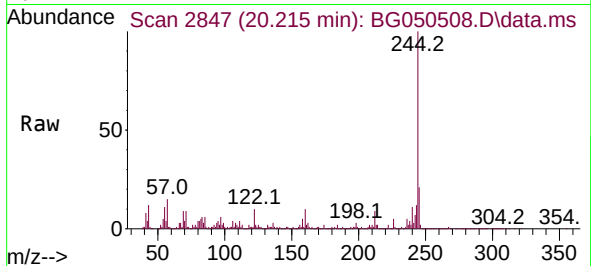




#79
 Terphenyl-d14
 Concen: 63.772 ng
 RT: 20.215 min Scan# 2847
 Delta R.T. 0.007 min
 Lab File: BG050508.D
 Acq: 8 Oct 2021 14:00

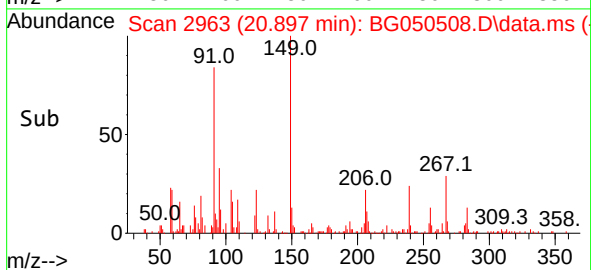
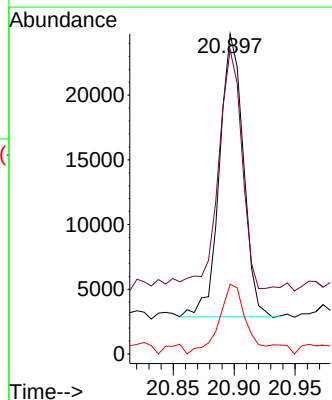
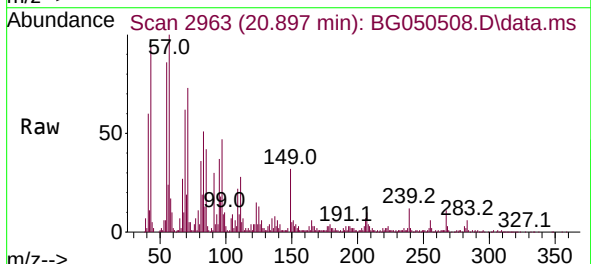
Instrument :
 BNA_G
 ClientSampled :
 CC-28

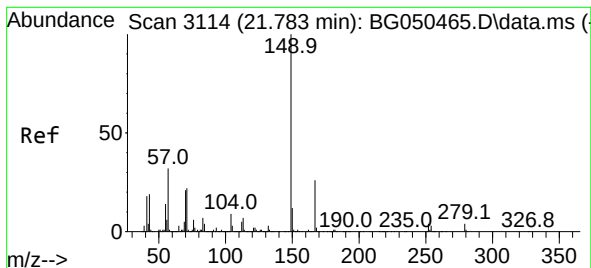
Tgt Ion:244 Resp: 737412
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 9.9 5.0 7.6#



#80
 Butylbenzylphthalate
 Concen: 4.400 ng
 RT: 20.897 min Scan# 2963
 Delta R.T. 0.007 min
 Lab File: BG050508.D
 Acq: 8 Oct 2021 14:00

Tgt Ion:149 Resp: 29759
 Ion Ratio Lower Upper
 149 100
 91 95.1 63.4 95.2
 206 21.7 18.4 27.6

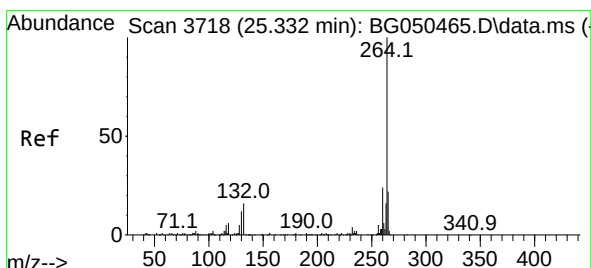
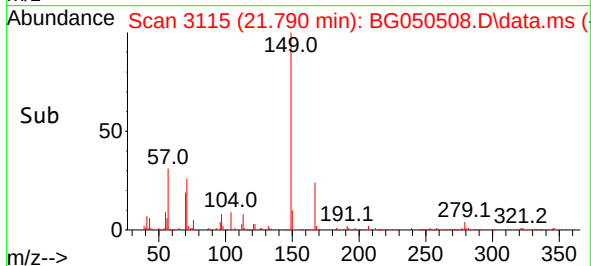
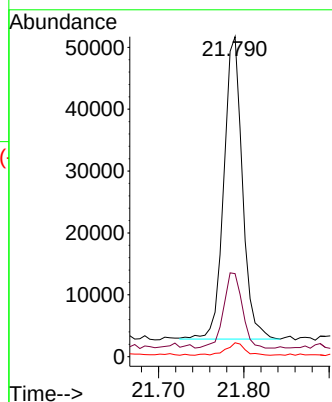
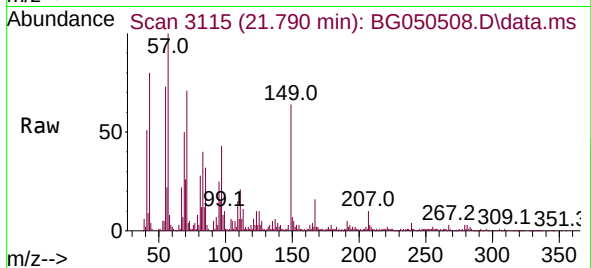




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.676 ng
RT: 21.790 min Scan# 3115
Delta R.T. 0.007 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Instrument :
BNA_G
ClientSampled :
CC-28

Tgt Ion:149 Resp: 73756
Ion Ratio Lower Upper
149 100
167 25.9 22.3 33.5
279 4.3 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.356 min Scan# 3722
Delta R.T. 0.024 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion:264 Resp: 231387
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.2 16.9 25.3

