

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)

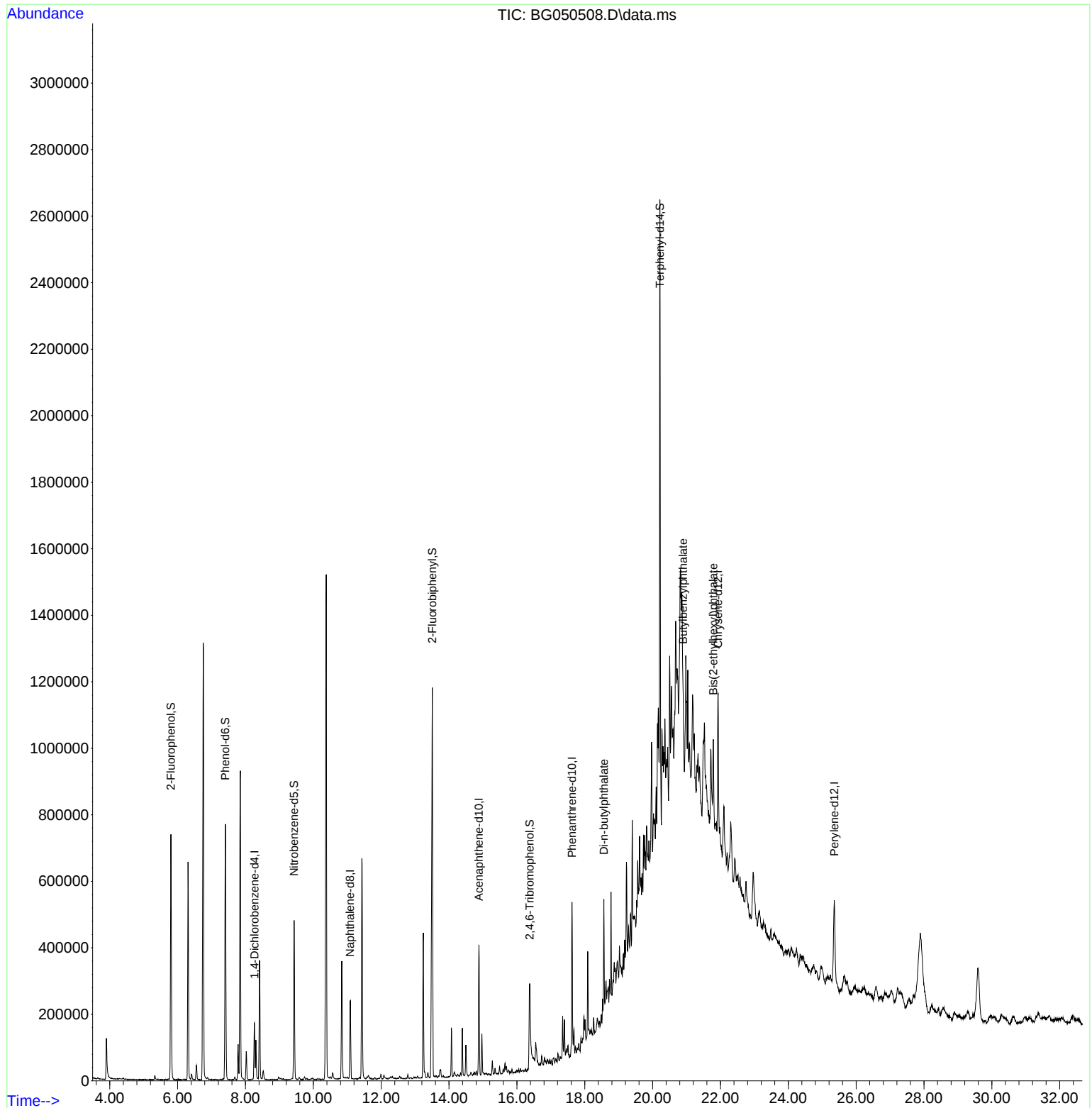
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	45817	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	198949	20.00	ng	# 0.00
39) Acenaphthene-d10	14.880	164	136252	20.00	ng	0.00
64) Phenanthrene-d10	17.624	188	275927	20.00	ng	# 0.00
76) Chrysene-d12	21.931	240	225346	20.00	ng	# 0.01
86) Perylene-d12	25.356	264	231387	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	332055	108.39	ng	0.01
7) Phenol-d6	7.407	99	447700	100.93	ng	0.01
23) Nitrobenzene-d5	9.434	82	301279	62.69	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	66723	51.34	ng	0.01
45) 2-Fluorobiphenyl	13.505	172	554280	61.23	ng	0.00
79) Terphenyl-d14	20.215	244	737412	63.77	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.564	149	251113	14.86	ng	# 97
80) Butylbenzylphthalate	20.897	149	29759	4.40	ng	86
84) Bis(2-ethylhexyl)phtha...	21.790	149	73756	7.68	ng	97

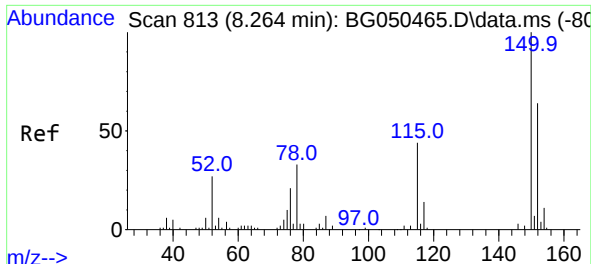
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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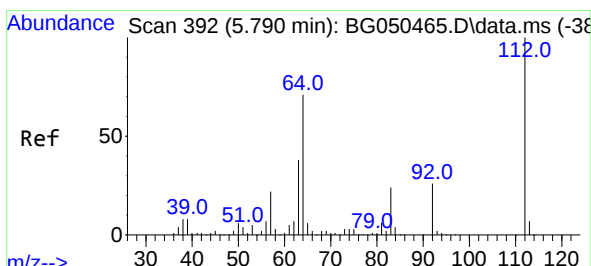
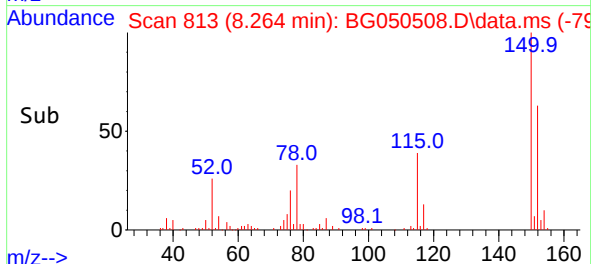
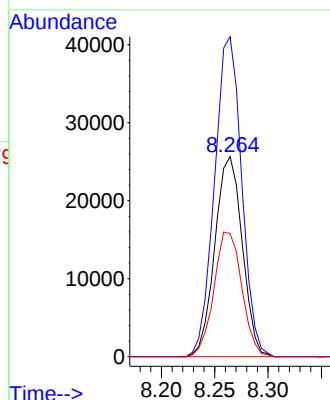
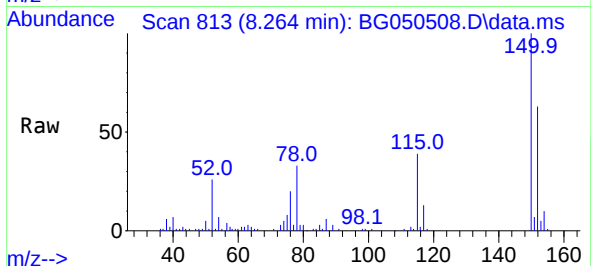




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

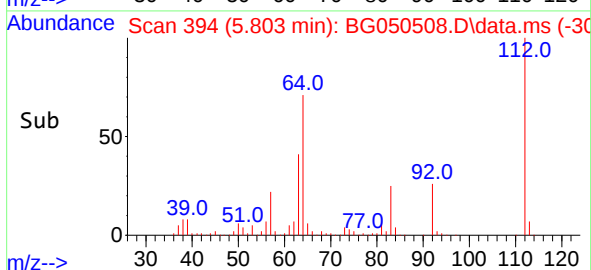
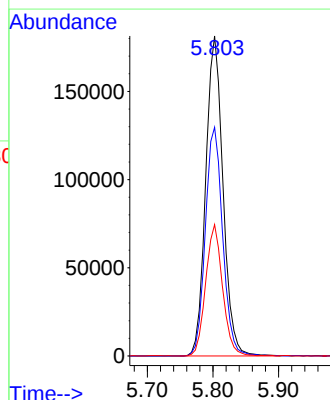
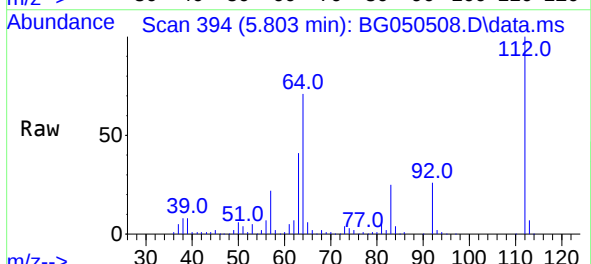
Instrument :
BNA_G
ClientSampled :
CC-28

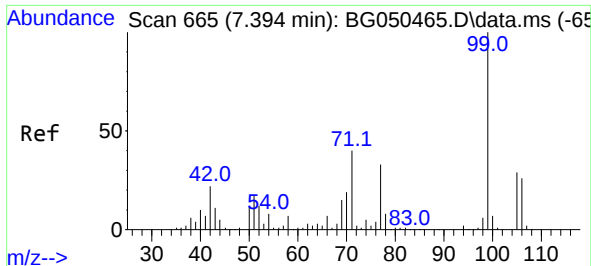
Tgt Ion:152 Resp: 45817
Ion Ratio Lower Upper
152 100
150 159.9 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 108.39 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

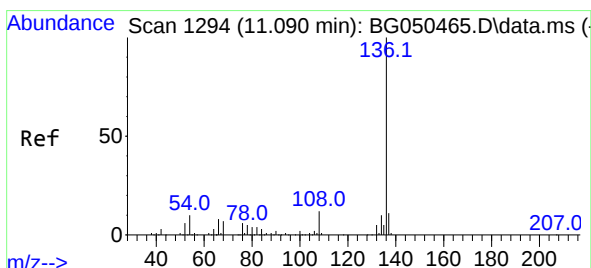
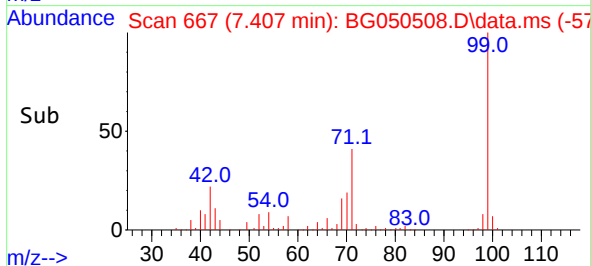
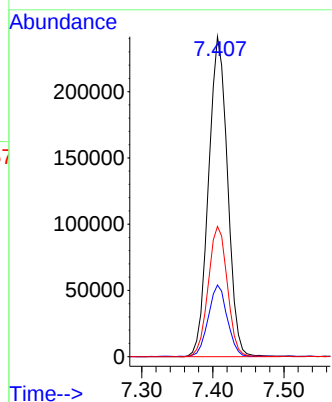
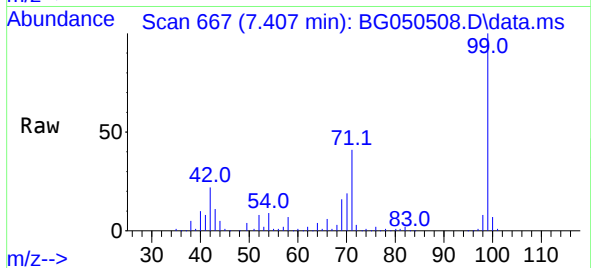




#7
Phenol-d6
Concen: 100.93 ng
RT: 7.407 min Scan# 667
Delta R.T. 0.013 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

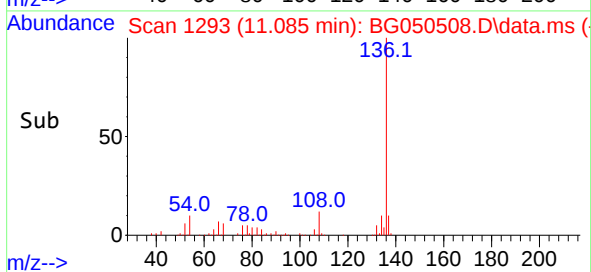
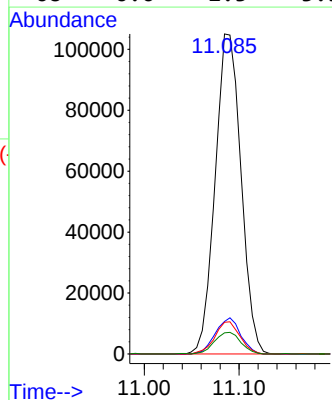
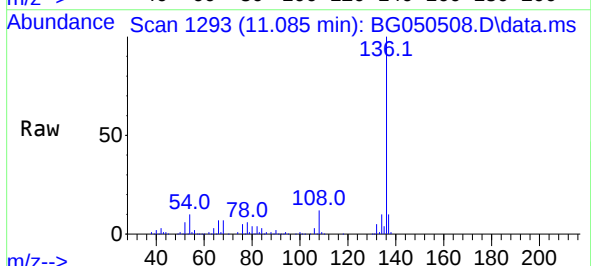
Instrument :
BNA_G
ClientSampled :
CC-28

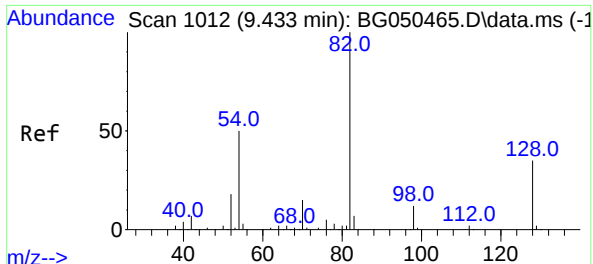
Tgt Ion: 99 Resp: 447700
Ion Ratio Lower Upper
99 100
42 22.4 20.5 30.7
71 40.7 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

Tgt Ion: 136 Resp: 198949
Ion Ratio 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#

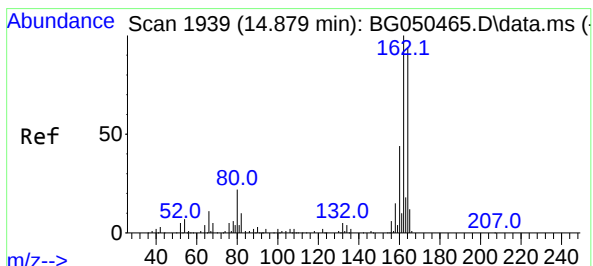
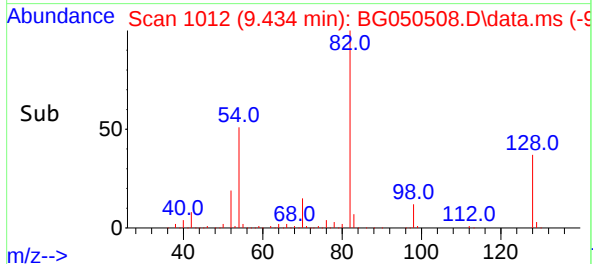
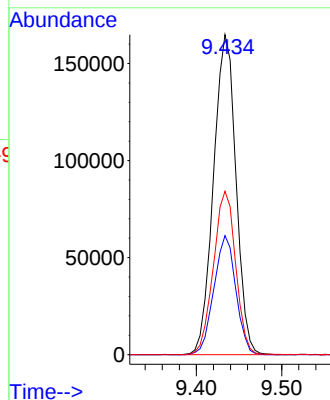
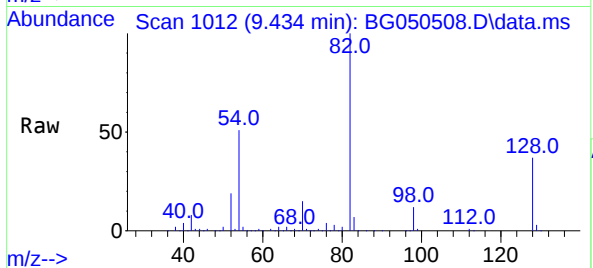




#23
Nitrobenzene-d5
Concen: 62.69 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

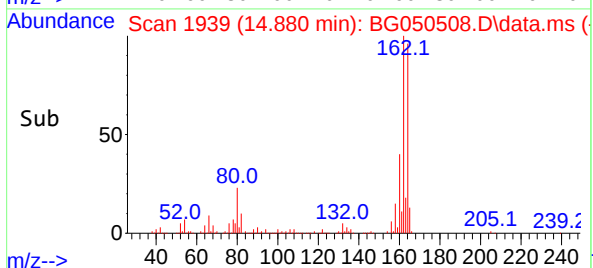
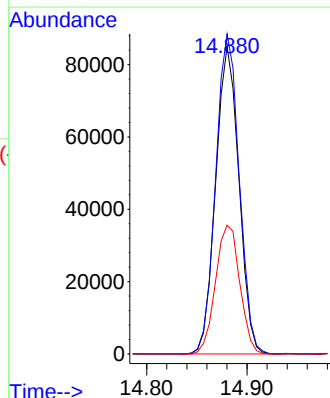
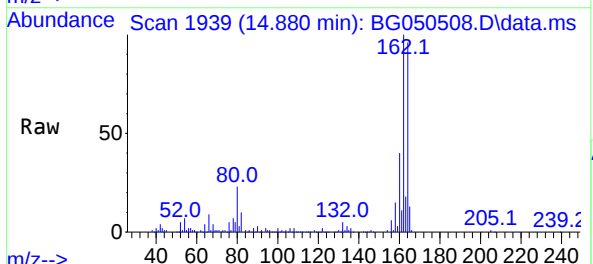
Instrument :
BNA_G
ClientSampled :
CC-28

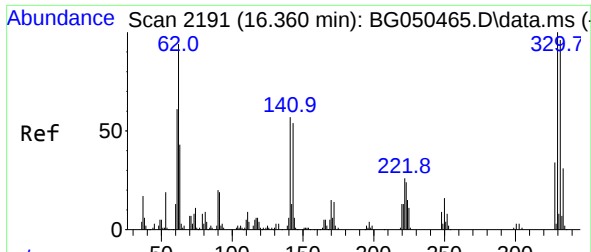
Tgt Ion: 82 Resp: 301279
Ion Ratio Lower Upper
82 100
128 37.2 29.8 44.6
54 51.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

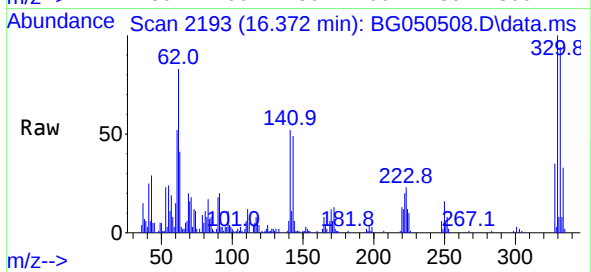
Tgt Ion: 164 Resp: 136252
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 41.9 34.9 52.3



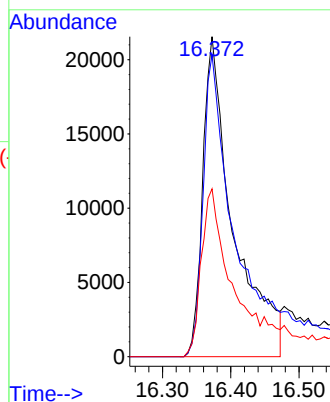
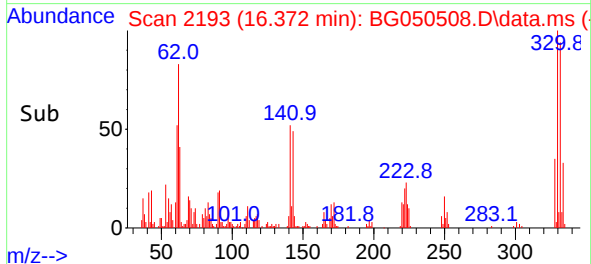


#42
2,4,6-Tribromophenol
Concen: 51.34 ng
RT: 16.372 min Scan# 2193
Delta R.T. 0.013 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

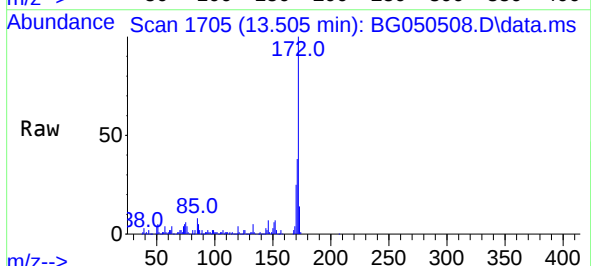
Instrument :
BNA_G
ClientSampled :
CC-28



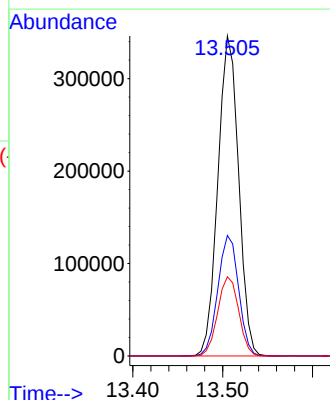
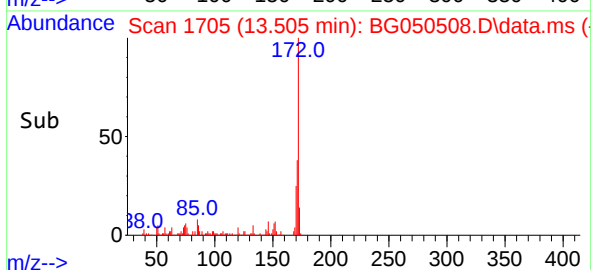
Tgt Ion:330 Resp: 66723
Ion Ratio Lower Upper
330 100
332 103.9 77.3 115.9
141 61.4 35.6 53.4#

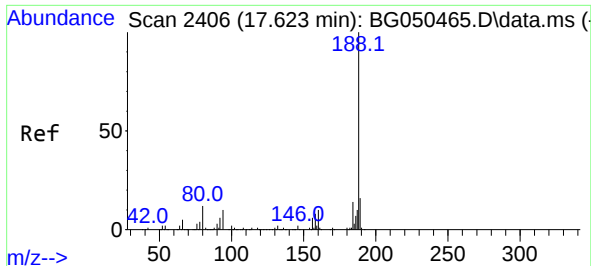


#45
2-Fluorobiphenyl
Concen: 61.23 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00



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

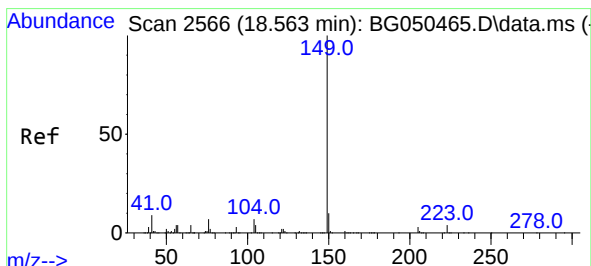
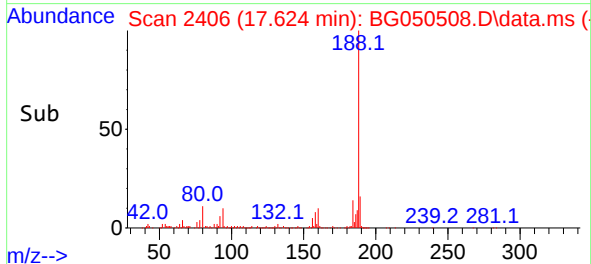
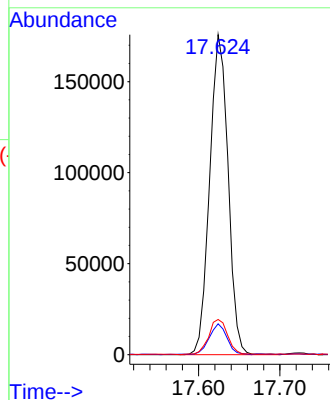
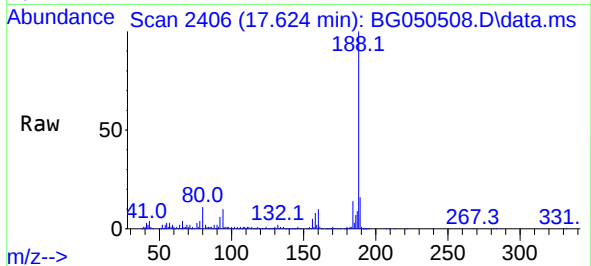




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

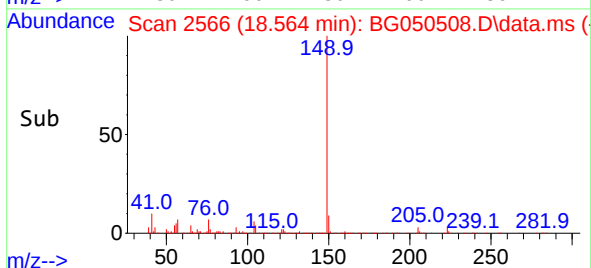
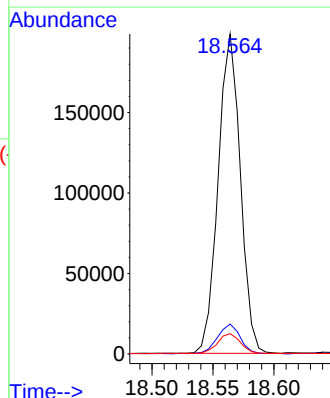
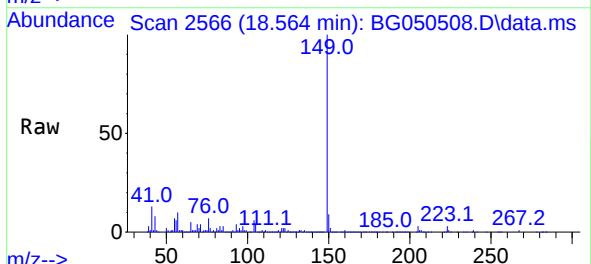
Instrument :
BNA_G
ClientSampled :
CC-28

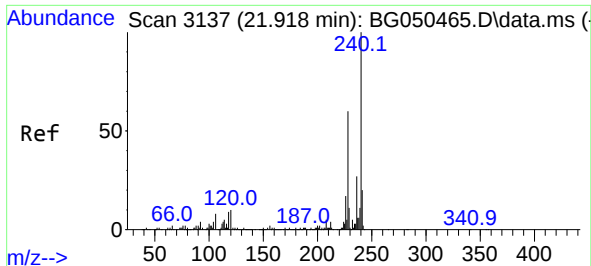
Tgt Ion:188 Resp: 275927
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.0 3.7 5.5#



#74
Di-n-butylphthalate
Concen: 14.86 ng
RT: 18.564 min Scan# 2566
Delta R.T. 0.001 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

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#

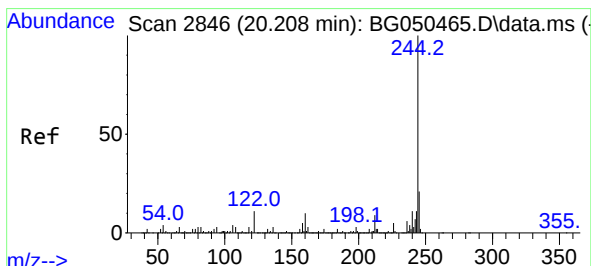
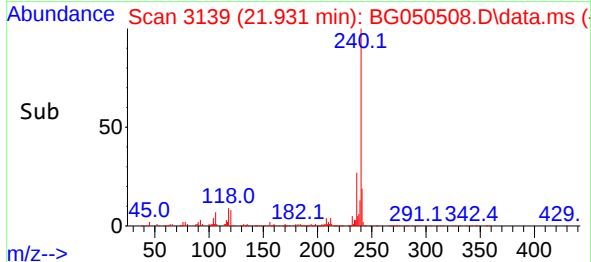
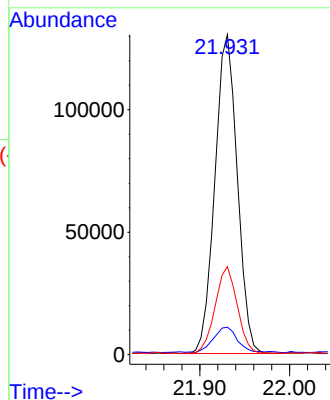
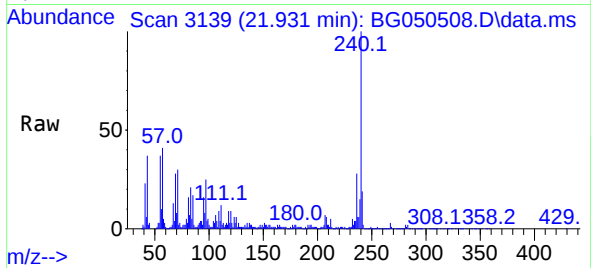




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.931 min Scan# 3139
Delta R.T. 0.013 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

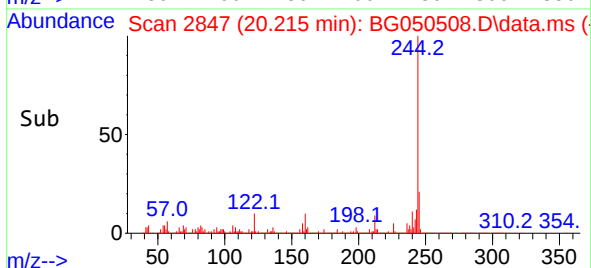
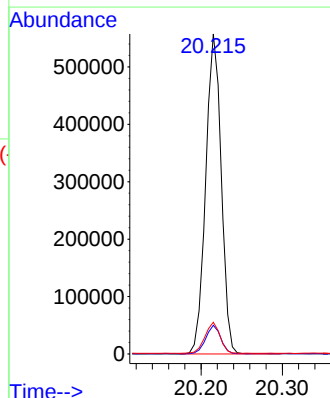
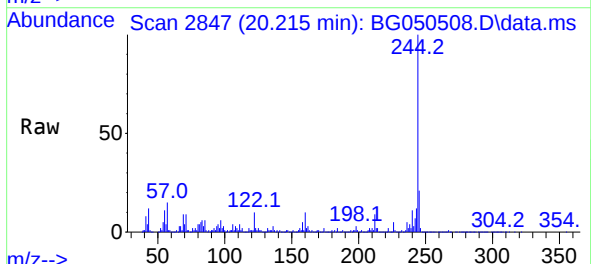
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BNA_G
ClientSampled :
CC-28

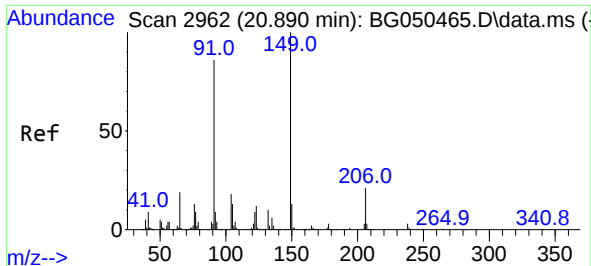
Tgt Ion:240 Resp: 225346
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.2#
236 27.5 21.8 32.6



#79
Terphenyl-d14
Concen: 63.77 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.007 min
Lab File: BG050508.D
Acq: 8 Oct 2021 14:00

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: 4.40 ng

RT: 20.897 min Scan# 2963

Delta R.T. 0.007 min

Lab File: BG050508.D

Acq: 8 Oct 2021 14:00

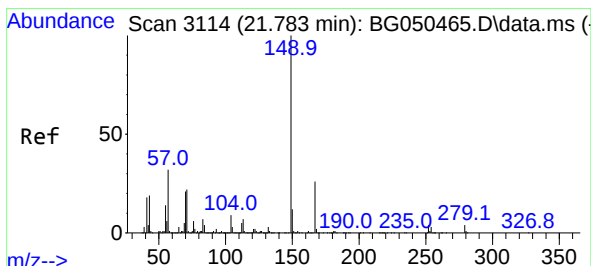
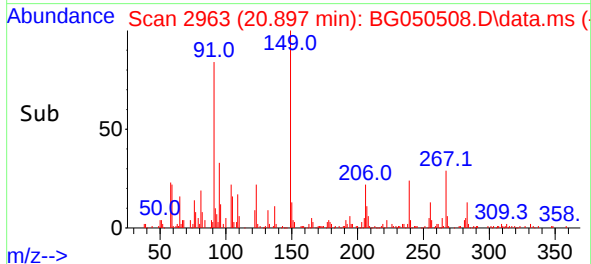
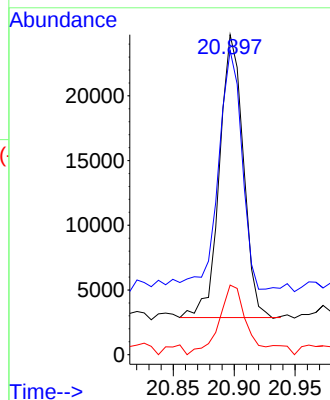
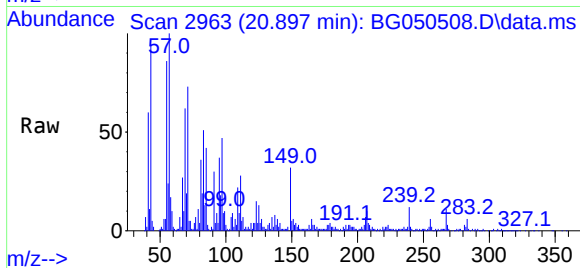
Tgt Ion:149 Resp: 29759

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: 7.68 ng

RT: 21.790 min Scan# 3115

Delta R.T. 0.007 min

Lab File: BG050508.D

Acq: 8 Oct 2021 14:00

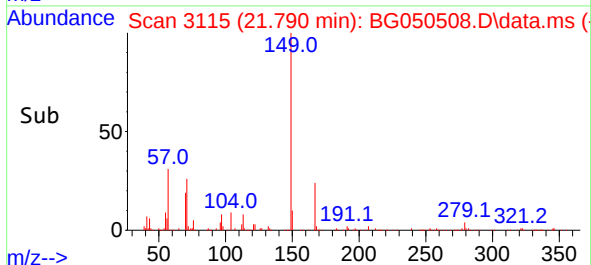
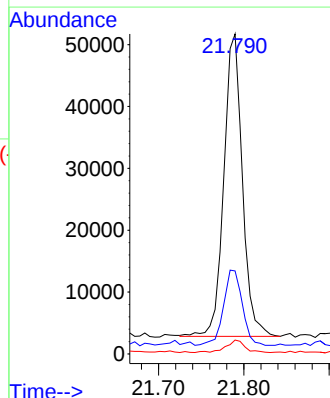
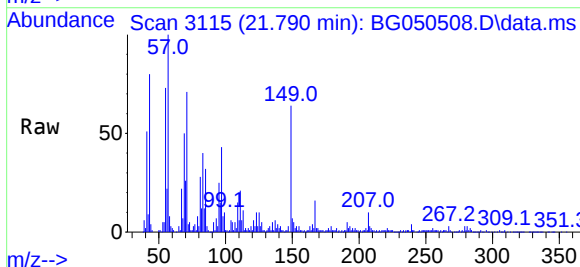
Tgt Ion:149 Resp: 73756

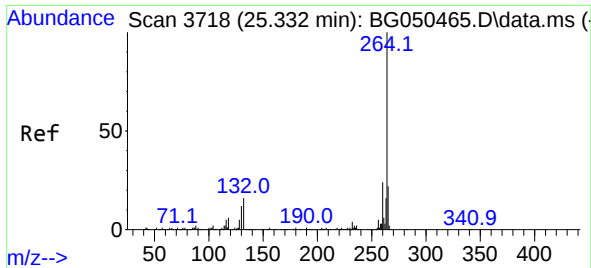
Ion Ratio Lower Upper

149 100

167 25.9 22.3 33.5

279 4.3 3.8 5.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.356 min Scan# 3722
 Delta R.T. 0.024 min
 Lab File: BG050508.D
 Acq: 8 Oct 2021 14:00

Instrument :
 BNA_G
 ClientSampleId :
 CC-28

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

