

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
 Data File : BG050594.D
 Acq On : 14 Oct 2021 19:15
 Operator : CG/JU
 Sample : M4193-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 351

Quant Time: Oct 15 03:51:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

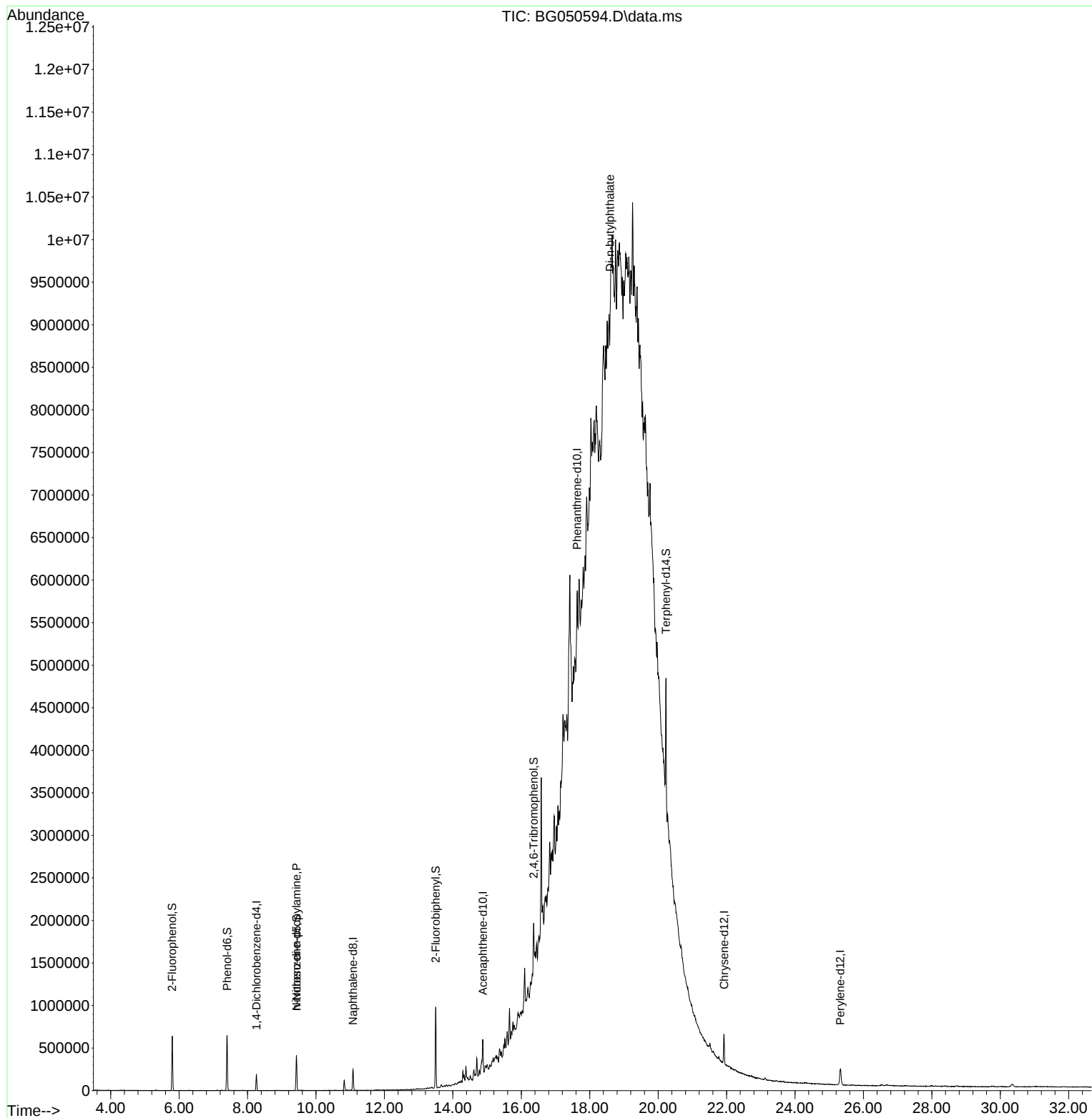
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	48601	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	200573	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	111280	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	204784	20.000	ng	# 0.01
76) Chrysene-d12	21.925	240	211620	20.000	ng	# 0.00
86) Perylene-d12	25.321	264	193820	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	272041	83.712	ng	0.00
7) Phenol-d6	7.401	99	367275	78.060	ng	0.00
23) Nitrobenzene-d5	9.428	82	269640	55.650	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	85979	81.004	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	477290	64.552	ng	0.00
79) Terphenyl-d14	20.227	244	588579	54.203	ng	0.02
Target Compounds						
9) Benzaldehyde	7.389	77	1131	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	38446	11.211	ng	# 71
74) Di-n-butylphthalate	18.593	149	77449	6.175	ng	# 58

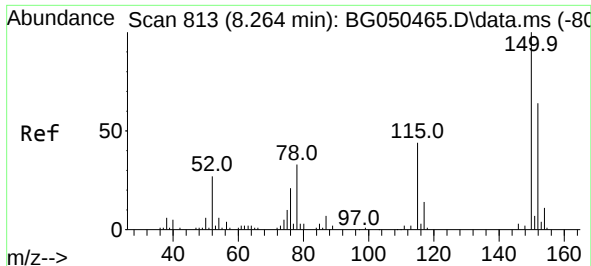
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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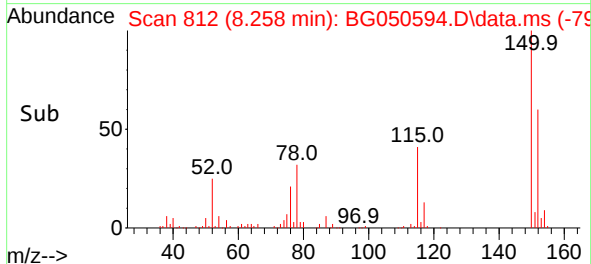
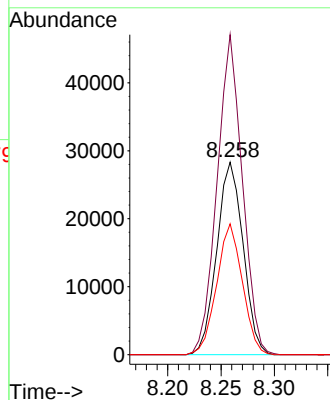
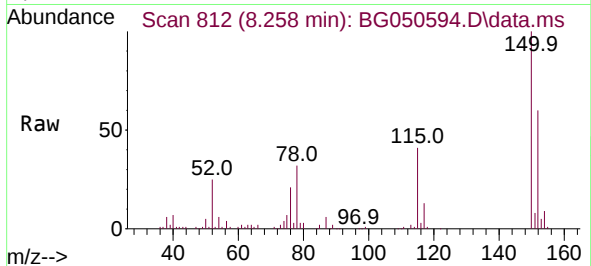




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

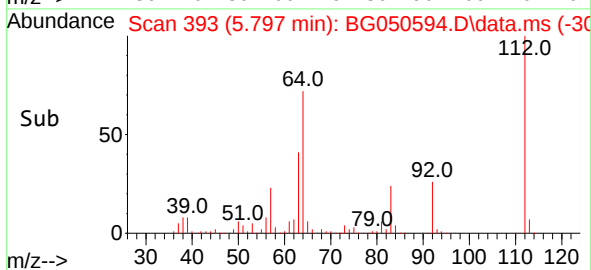
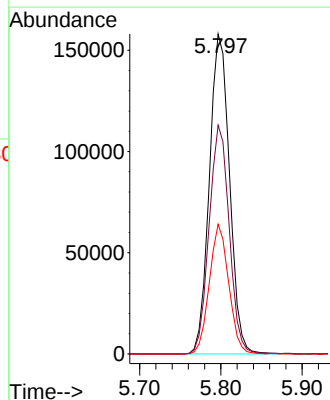
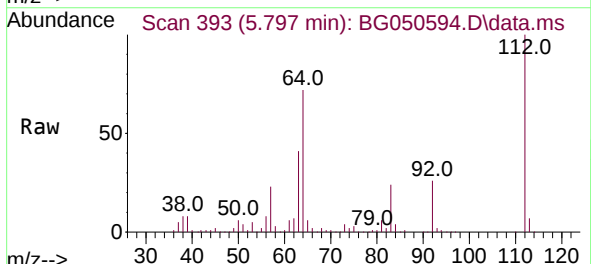
Instrument :
BNA_G
ClientSampled :
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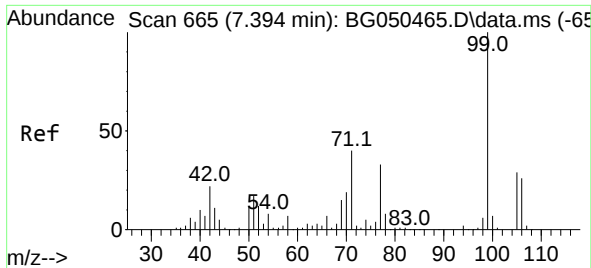
Tgt Ion:152 Resp: 48601
Ion Ratio Lower Upper
152 100
150 166.2 119.4 179.0
115 67.9 60.2 90.4



#5
2-Fluorophenol
Concen: 83.712 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

Tgt Ion:112 Resp: 272041
Ion Ratio Lower Upper
112 100
64 71.5 46.7 70.1#
63 40.5 35.3 52.9

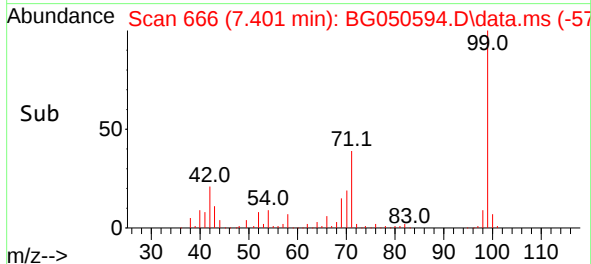
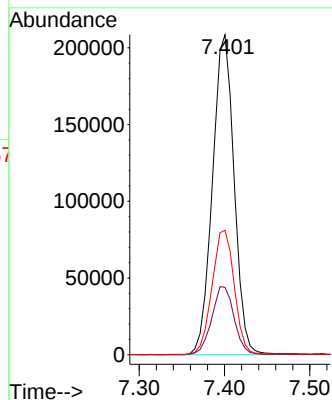
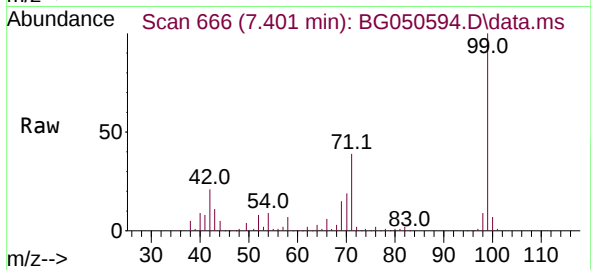




#7
Phenol-d6
Concen: 78.060 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

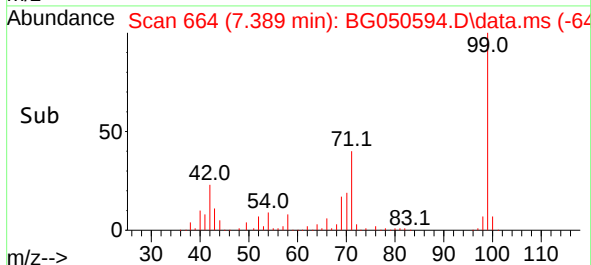
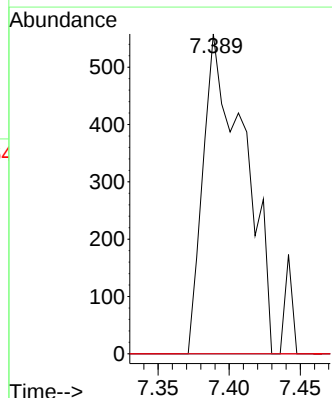
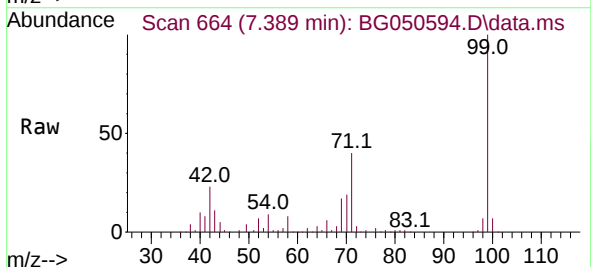
Instrument :
BNA_G
ClientSampled :
351

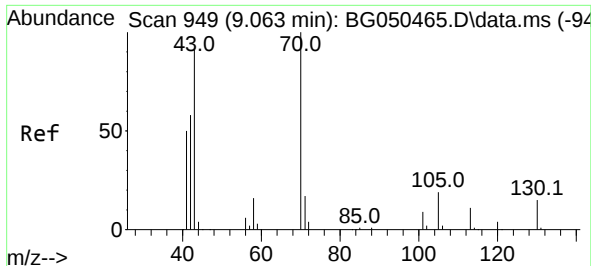
Tgt Ion: 99 Resp: 367275
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 38.9 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

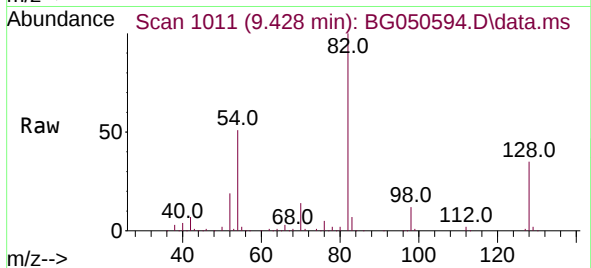
Tgt Ion: 77 Resp: 1131
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#



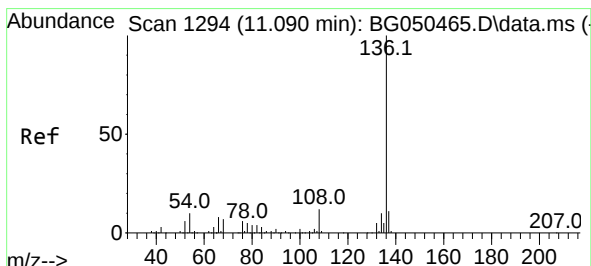
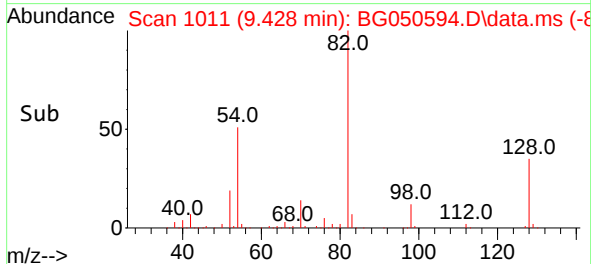
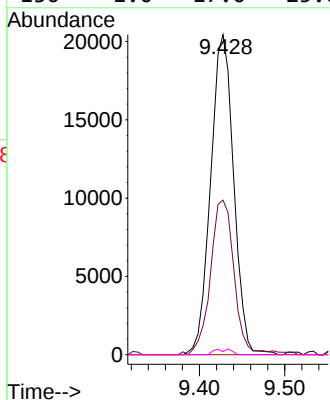


#19
n-Nitroso-di-n-propylamine
Concen: 11.211 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.370 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

Instrument :
BNA_G
ClientSampled :
351

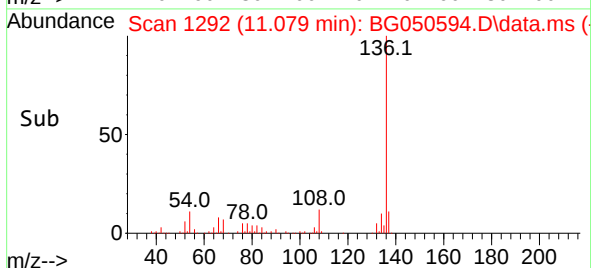
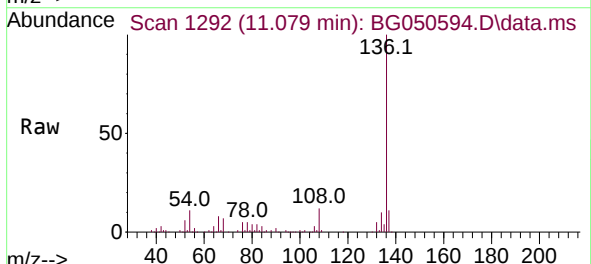
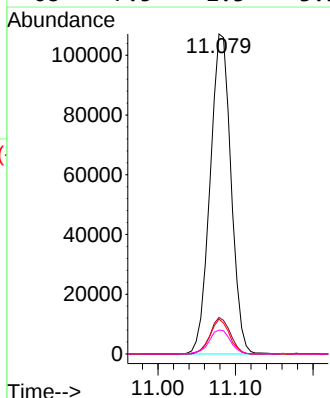


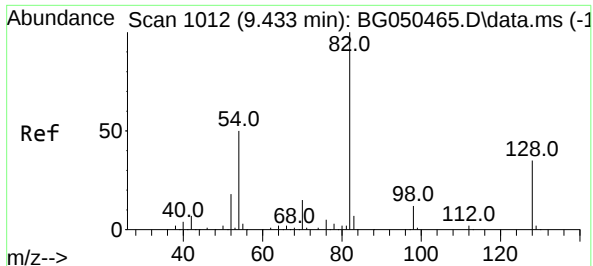
Tgt Ion:	70	Resp:	38446
Ion Ratio	100	Lower	Upper
70	100		
42	48.3	54.5	81.7#
101	0.0	9.0	13.6#
130	1.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

Tgt Ion:	136	Resp:	200573
Ion Ratio	100	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	10.9	5.5	8.3#
68	7.5	2.3	3.5#

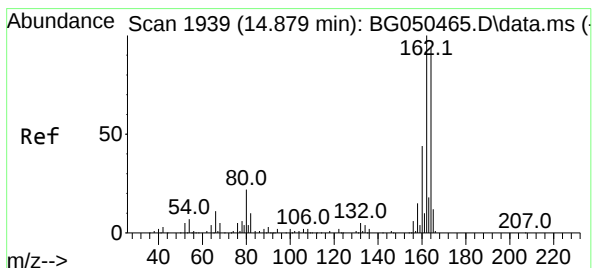
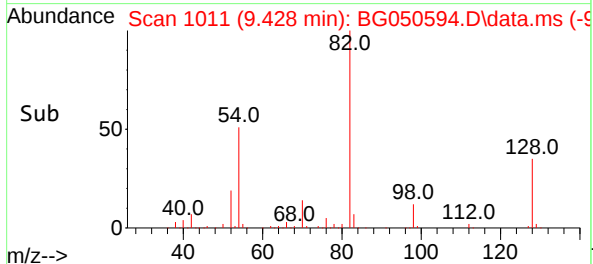
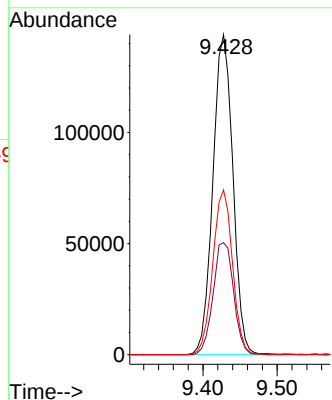
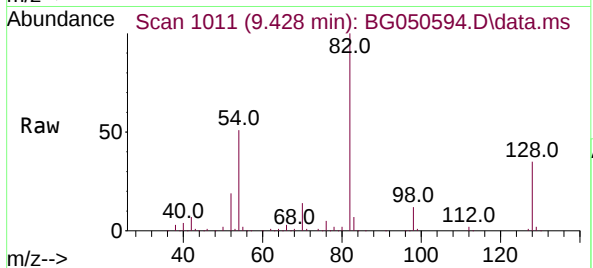




#23
Nitrobenzene-d5
Concen: 55.650 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

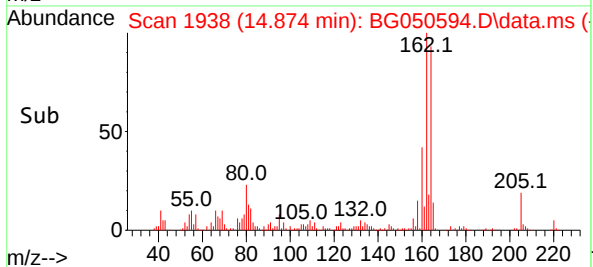
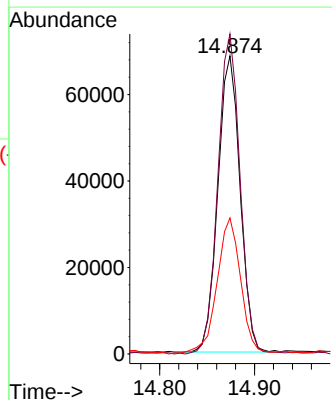
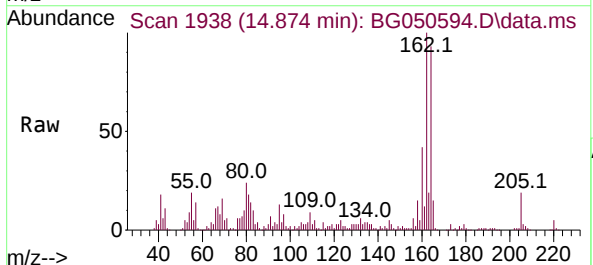
Instrument :
BNA_G
ClientSampled :
351

Tgt Ion: 82 Resp: 269640
Ion Ratio Lower Upper
82 100
128 35.0 29.8 44.6
54 51.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

Tgt Ion:164 Resp: 111280
Ion Ratio Lower Upper
164 100
162 107.4 81.4 122.0
160 45.6 34.9 52.3

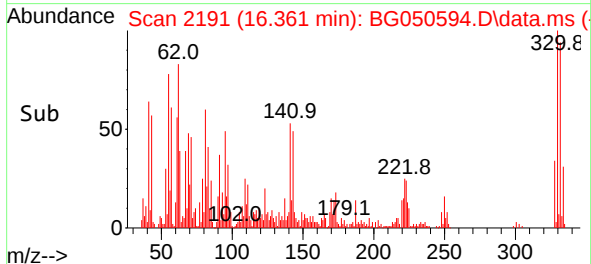
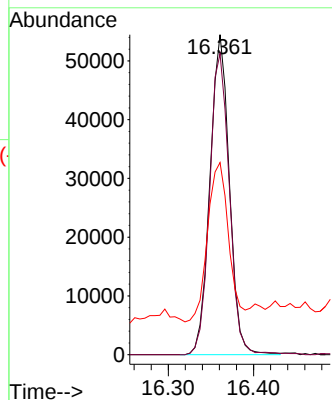
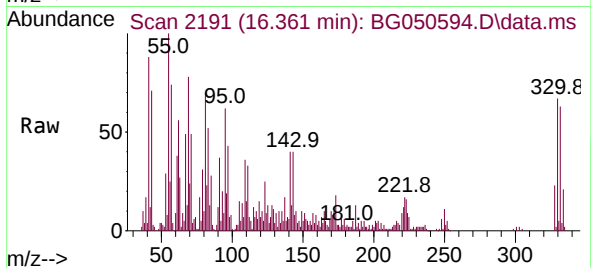




#42
2,4,6-Tribromophenol
Concen: 81.004 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

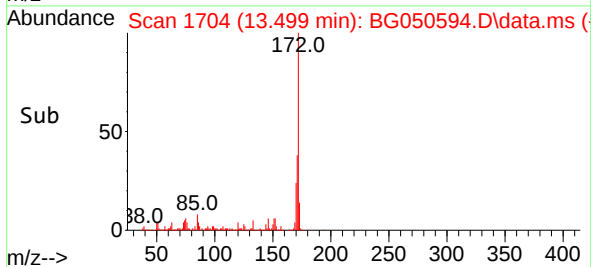
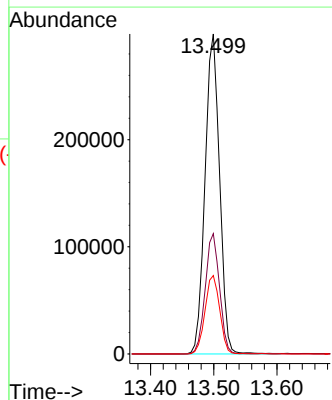
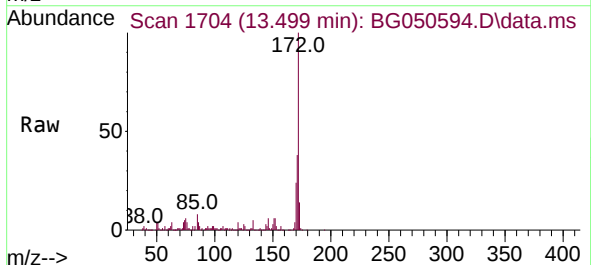
Instrument :
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ClientSampleId :
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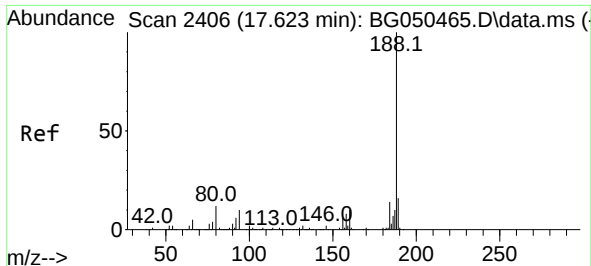
Tgt Ion:330 Resp: 85979
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 54.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 64.552 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

Tgt Ion:172 Resp: 477290
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 24.5 18.6 27.8

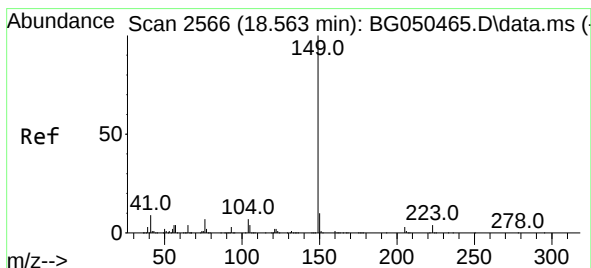
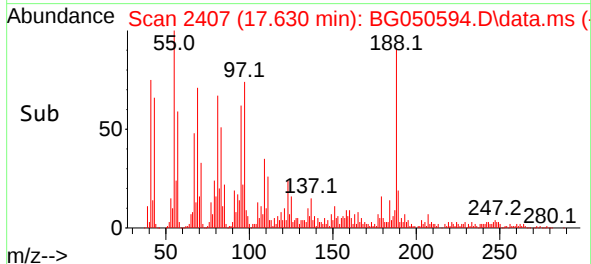
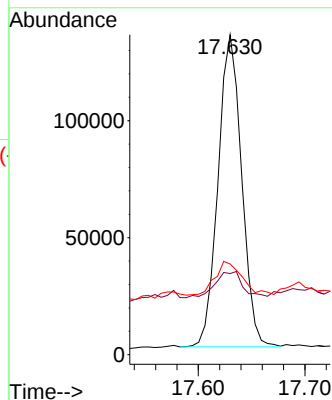
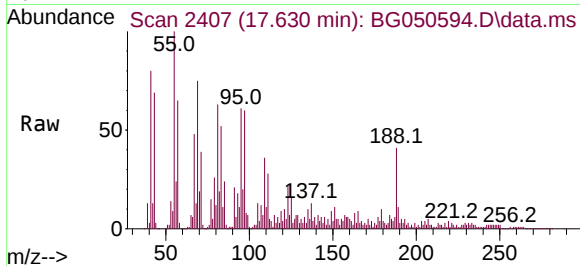




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2407
Delta R.T. 0.012 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

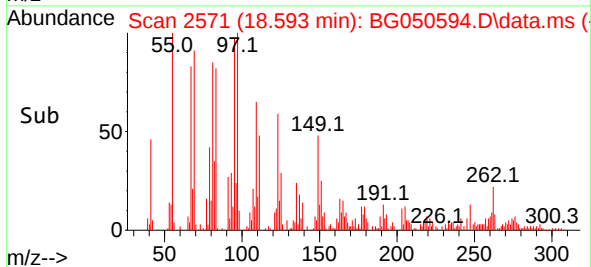
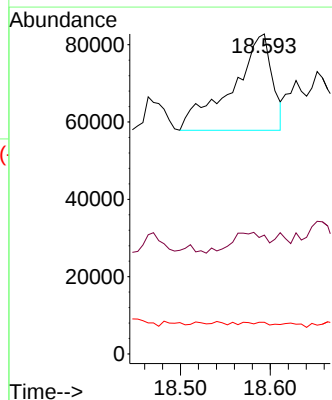
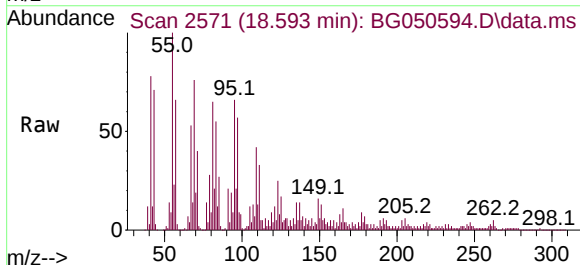
Instrument :
BNA_G
ClientSampled :
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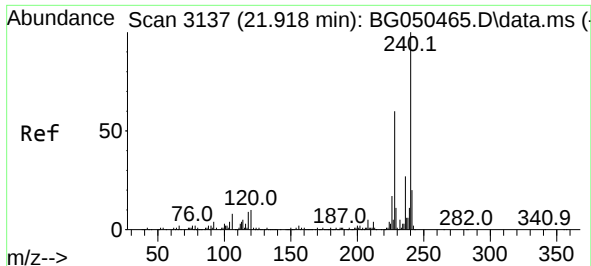
Tgt Ion:188 Resp: 204784
Ion Ratio Lower Upper
188 100
94 25.4 5.4 8.0#
80 28.4 3.7 5.5#



#74
Di-n-butylphthalate
Concen: 6.175 ng
RT: 18.593 min Scan# 2571
Delta R.T. 0.035 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

Tgt Ion:149 Resp: 77449
Ion Ratio Lower Upper
149 100
150 37.1 7.5 11.3#
104 9.9 6.6 10.0

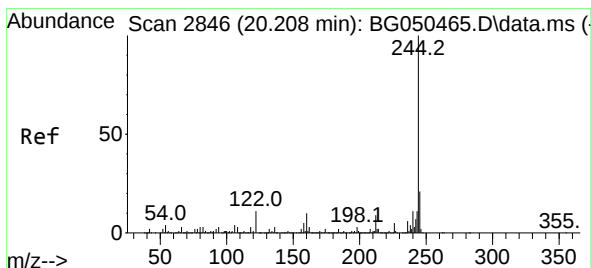
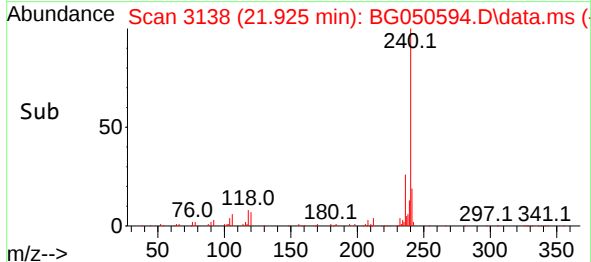
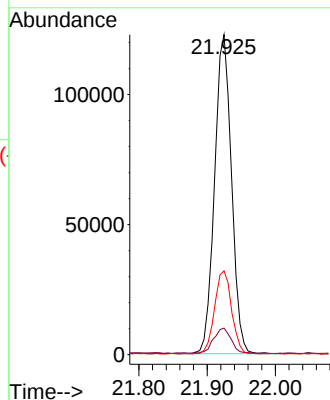
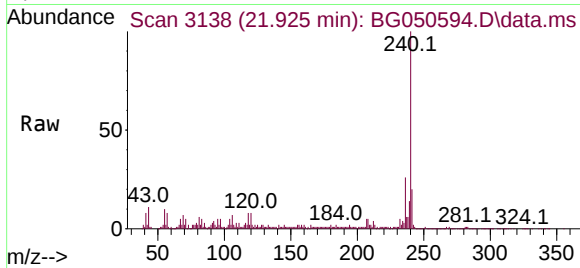




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

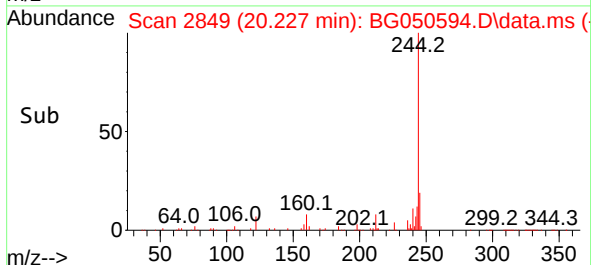
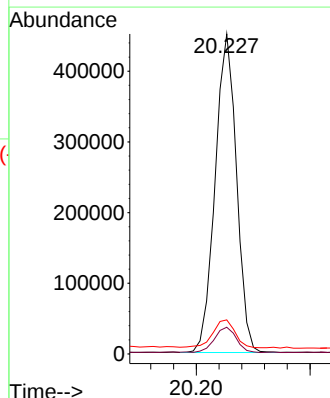
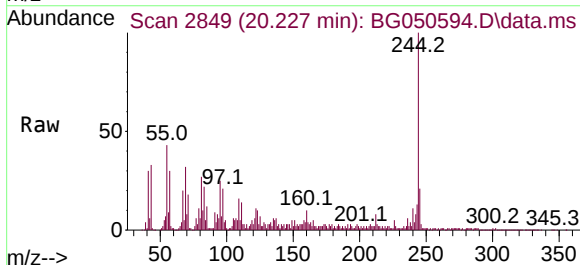
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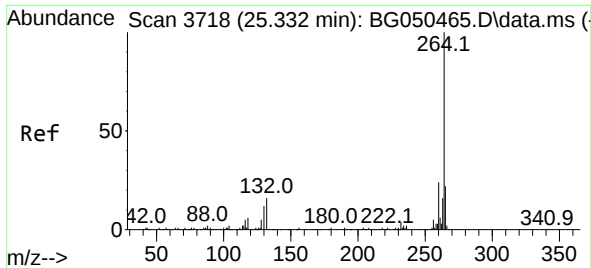
Tgt Ion:240 Resp: 211620
Ion Ratio Lower Upper
240 100
120 8.3 4.2 6.2#
236 26.2 21.8 32.6



#79
Terphenyl-d14
Concen: 54.203 ng
RT: 20.227 min Scan# 2849
Delta R.T. 0.018 min
Lab File: BG050594.D
Acq: 14 Oct 2021 19:15

Tgt Ion:244 Resp: 588579
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 10.7 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.321 min Scan# 3716
 Delta R.T. -0.012 min
 Lab File: BG050594.D
 Acq: 14 Oct 2021 19:15

Instrument :
 BNA_G
 ClientSampleId :
 351

Tgt Ion:264 Resp: 193820
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.4 16.9 25.3

