

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
 Data File : BG050637.D
 Acq On : 19 Oct 2021 16:27
 Operator : CG/JU
 Sample : M4253-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 135-136

Quant Time: Oct 19 17:35:39 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)

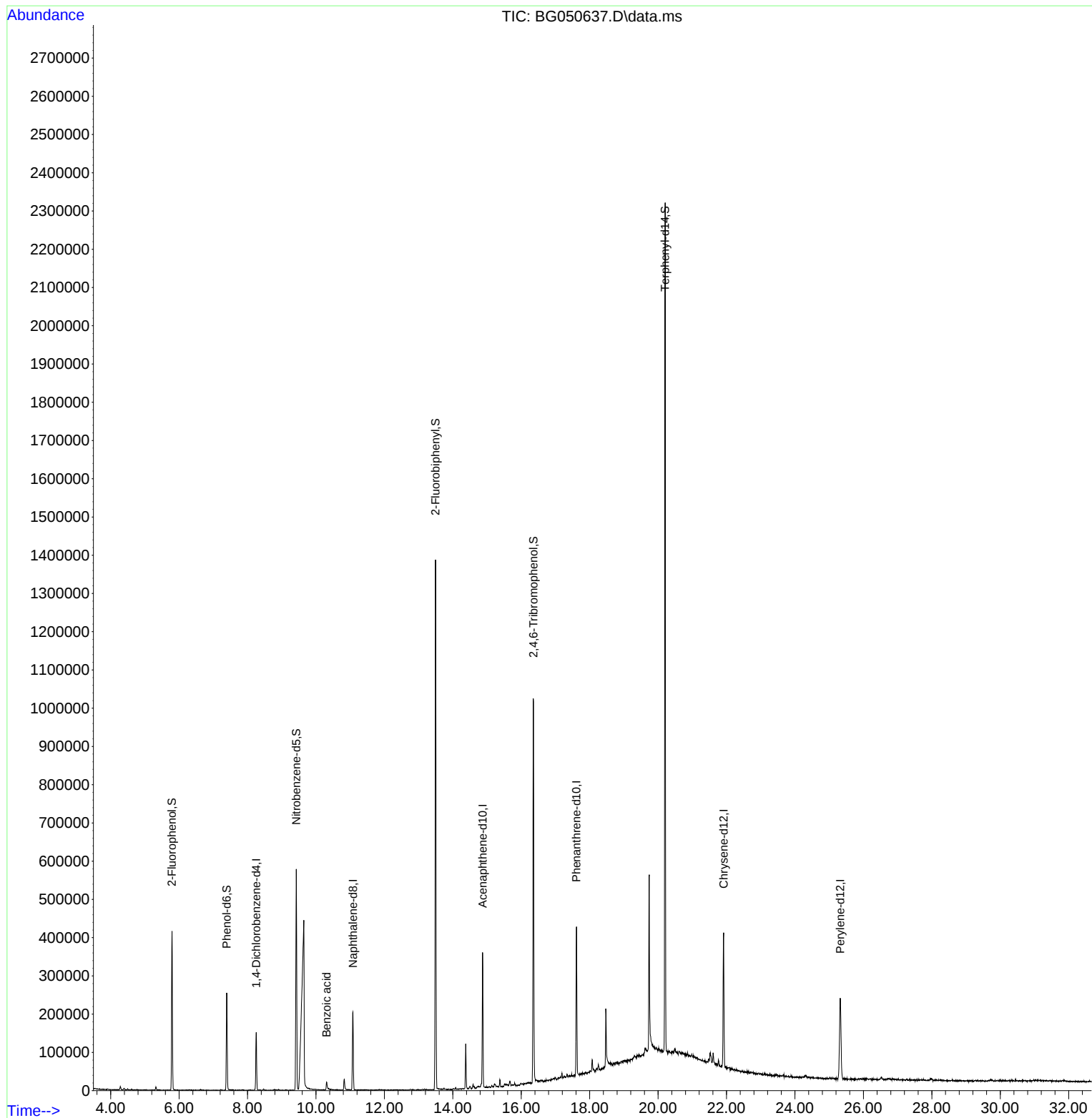
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	40286	20.00	ng	0.00
21) Naphthalene-d8	11.080	136	170313	20.00	ng	# 0.00
39) Acenaphthene-d10	14.870	164	114537	20.00	ng	0.00
64) Phenanthrene-d10	17.614	188	242386	20.00	ng	# 0.00
76) Chrysene-d12	21.914	240	216708	20.00	ng	#-0.01
86) Perylene-d12	25.322	264	220089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.792	112	174885	64.92	ng	0.00
7) Phenol-d6	7.390	99	147343	37.78	ng	-0.01
23) Nitrobenzene-d5	9.423	82	372232	90.47	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	150376	137.65	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	684057	89.89	ng	-0.01
79) Terphenyl-d14	20.205	244	973856	87.58	ng	0.00
Target Compounds						
32) Benzoic acid	10.310	122	9358	4.86	ng	# 72

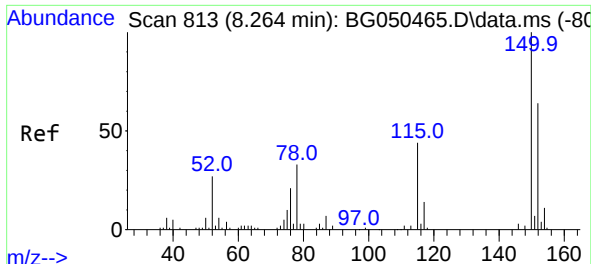
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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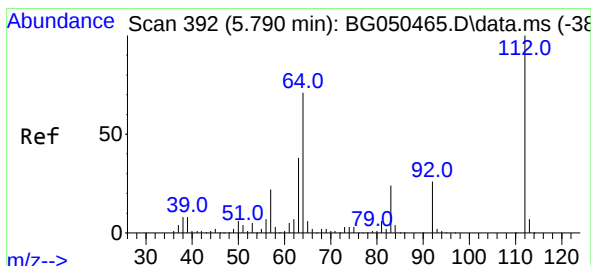
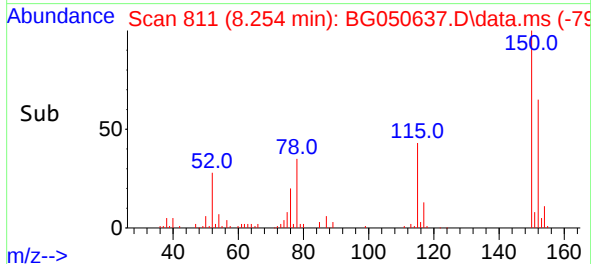
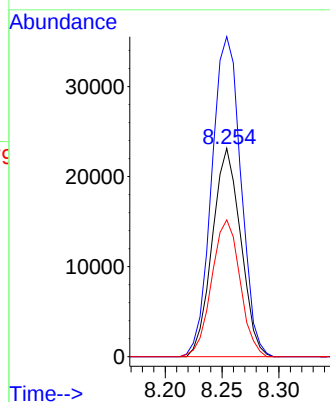
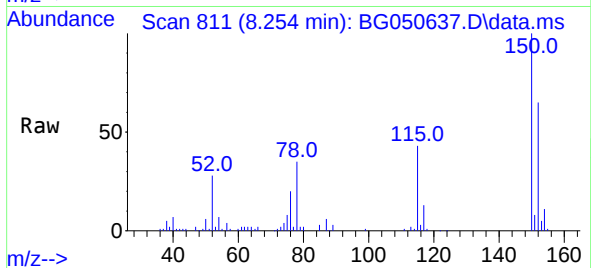




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.254 min Scan# 811
Delta R.T. -0.004 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

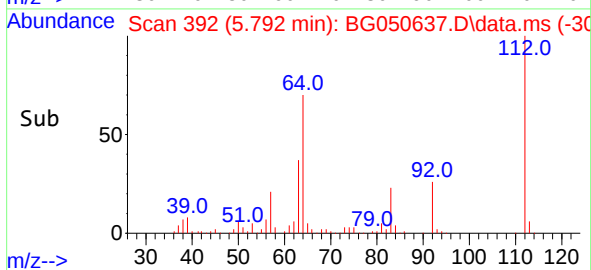
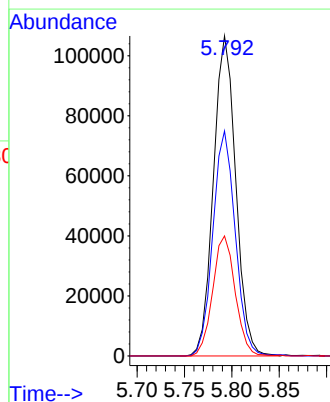
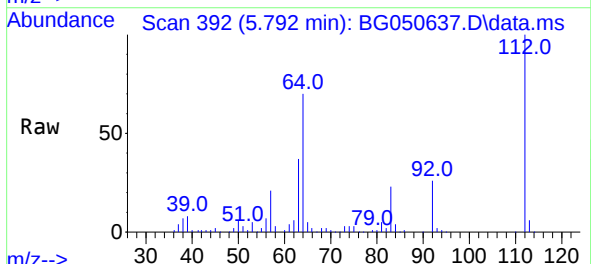
Instrument :
BNA_G
ClientSampleId :
135-136

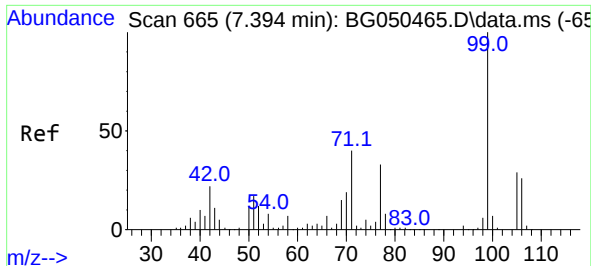
Tgt Ion:152 Resp: 40286
Ion Ratio Lower Upper
152 100
150 153.6 119.4 179.0
115 65.7 60.2 90.4



#5
2-Fluorophenol
Concen: 64.92 ng
RT: 5.792 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

Tgt Ion:112 Resp: 174885
Ion Ratio Lower Upper
112 100
64 70.3 46.7 70.1#
63 37.5 35.3 52.9

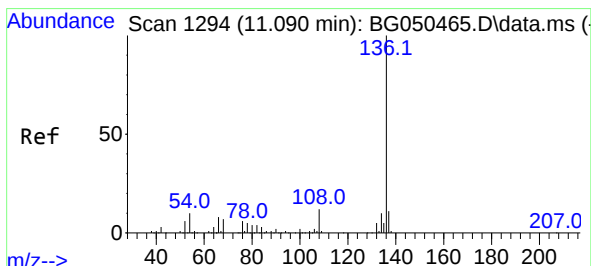
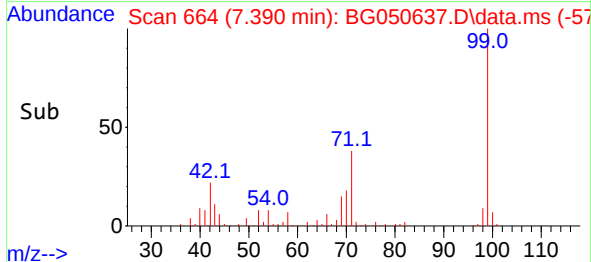
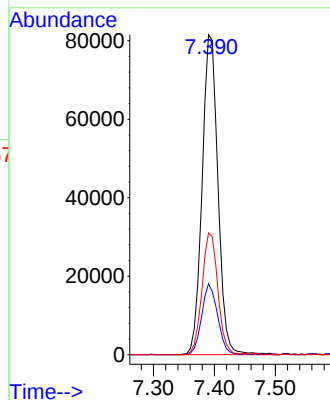
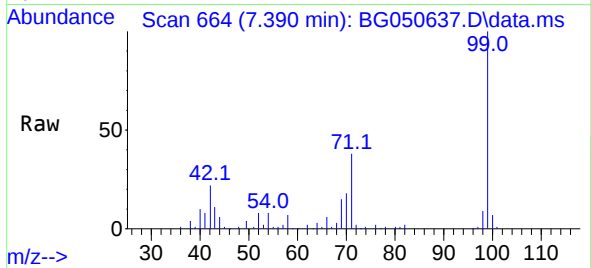




#7
Phenol-d6
Concen: 37.78 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.010 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

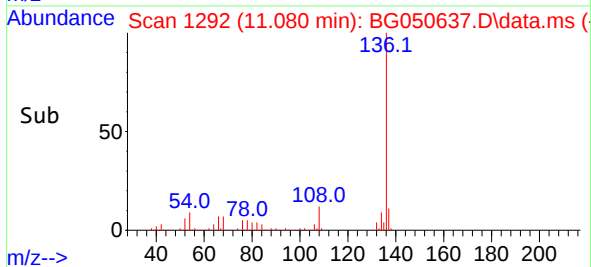
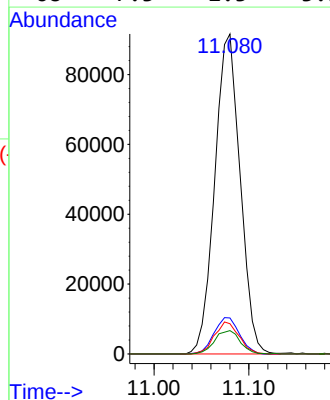
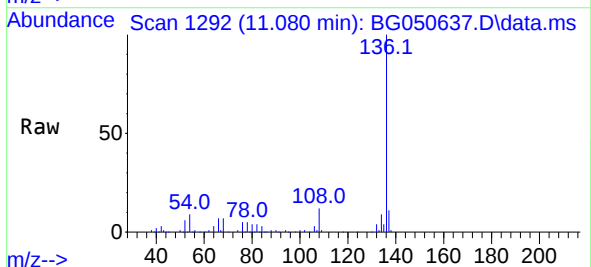
Instrument :
BNA_G
ClientSampleId :
135-136

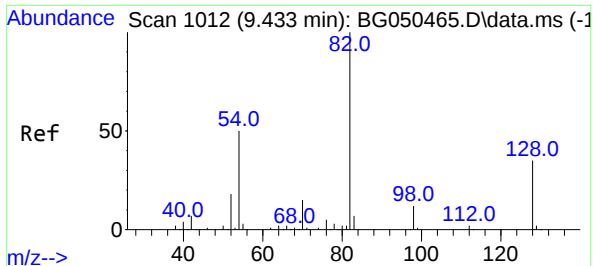
Tgt Ion: 99 Resp: 147343
Ion Ratio Lower Upper
99 100
42 22.2 20.5 30.7
71 38.1 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.080 min Scan# 1292
Delta R.T. -0.004 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

Tgt Ion: 136 Resp: 170313
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 9.4 5.5 8.3#
68 7.3 2.3 3.5#

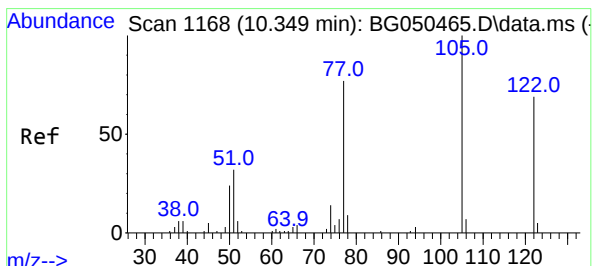
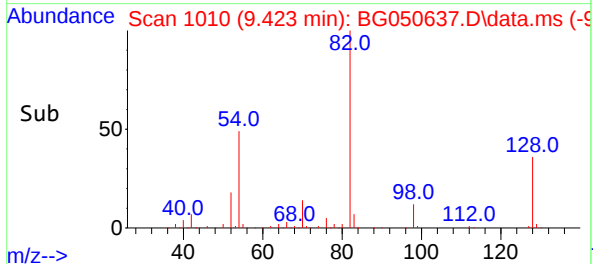
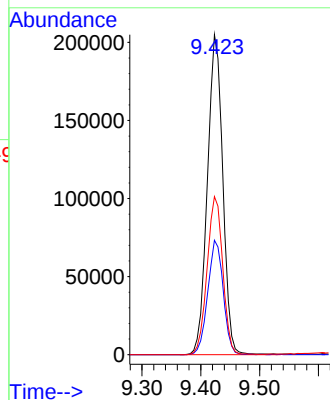
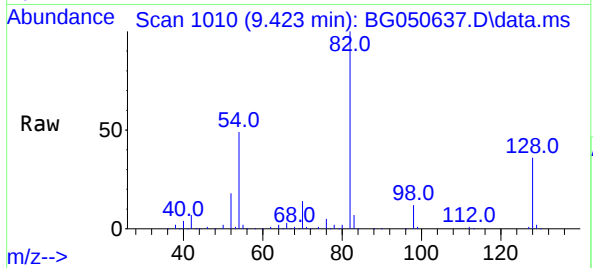




#23
Nitrobenzene-d5
Concen: 90.47 ng
RT: 9.423 min Scan# 1010
Delta R.T. -0.004 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

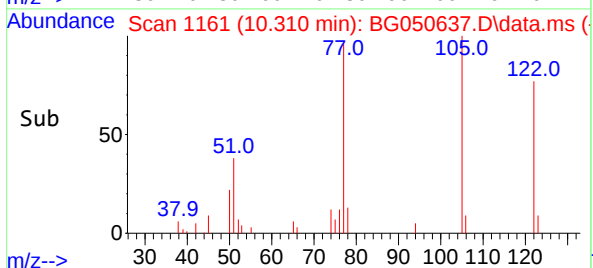
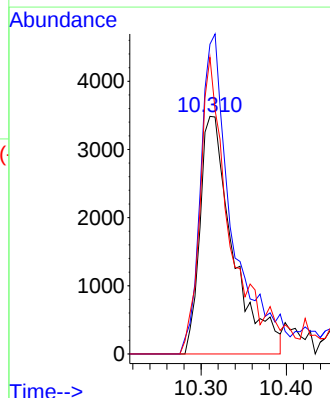
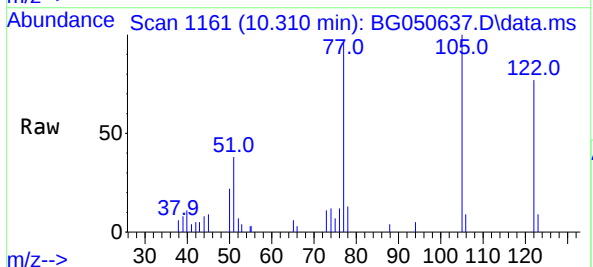
Instrument :
BNA_G
ClientSampleId :
135-136

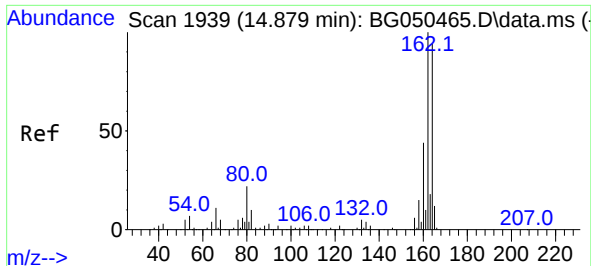
Tgt Ion: 82 Resp: 372232
Ion Ratio Lower Upper
82 100
128 35.7 29.8 44.6
54 49.4 45.8 68.8



#32
Benzoic acid
Concen: 4.86 ng
RT: 10.310 min Scan# 1161
Delta R.T. -0.045 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

Tgt Ion:122 Resp: 9358
Ion Ratio Lower Upper
122 100
105 130.4 92.3 132.3
77 124.9 66.5 106.5#

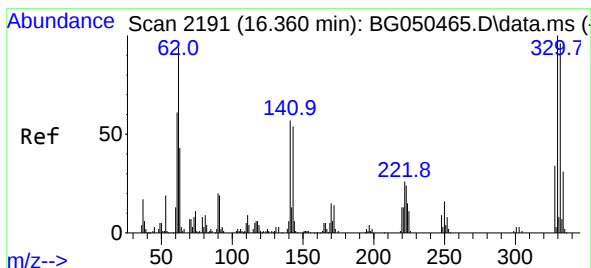
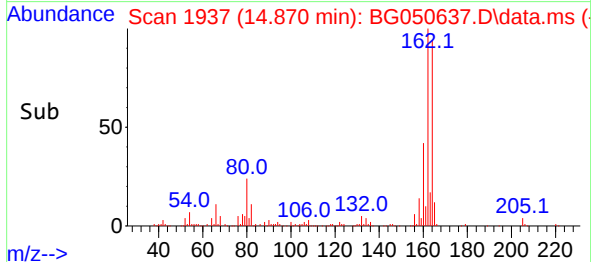
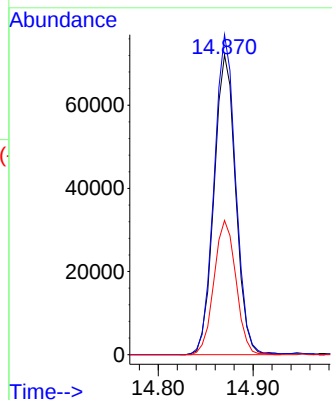
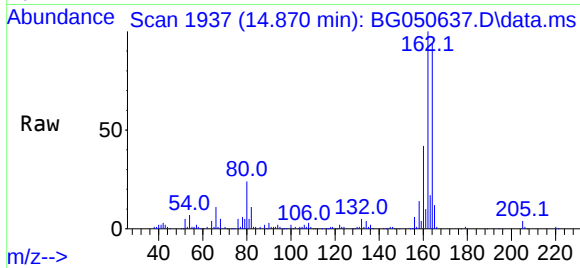




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.870 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

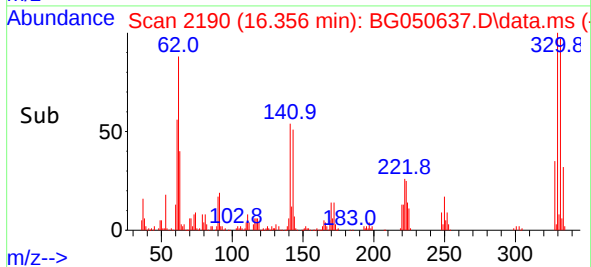
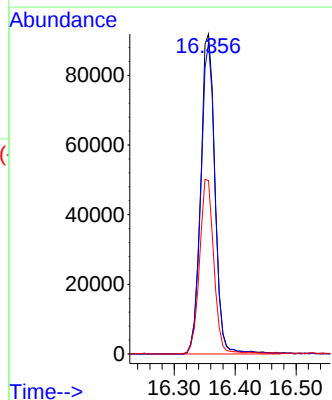
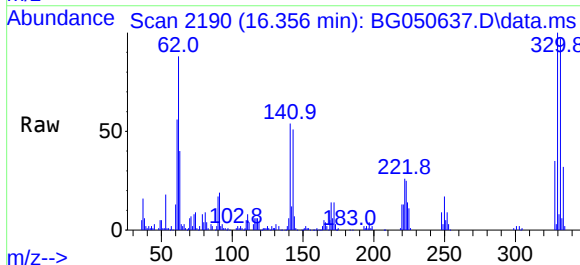
Instrument :
BNA_G
ClientSampleId :
135-136

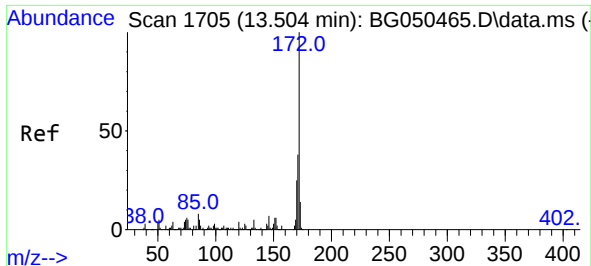
Tgt Ion:164 Resp: 114537
Ion Ratio Lower Upper
164 100
162 106.7 81.4 122.0
160 44.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 137.65 ng
RT: 16.356 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

Tgt Ion:330 Resp: 150376
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 54.3 35.6 53.4#



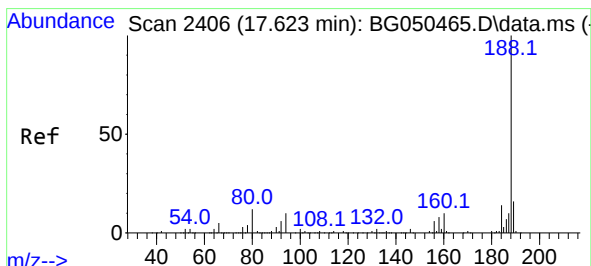
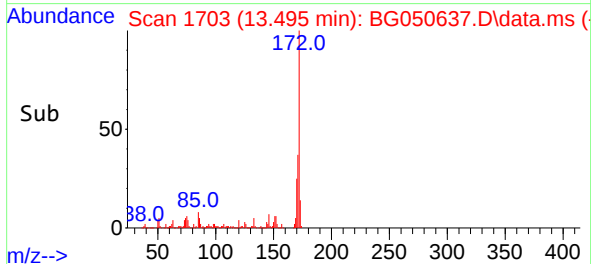
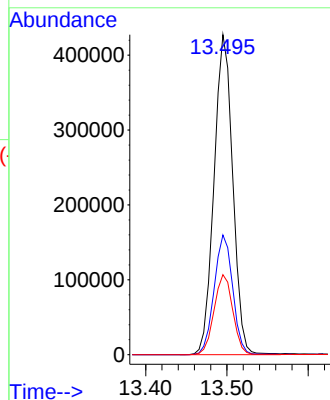
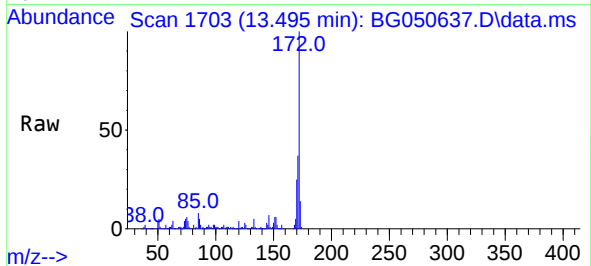


#45
2-Fluorobiphenyl
Concen: 89.89 ng
RT: 13.495 min Scan# 1703
Delta R.T. -0.010 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

Instrument :
BNA_G
ClientSampleId :
135-136

Tgt Ion:172 Resp: 684057

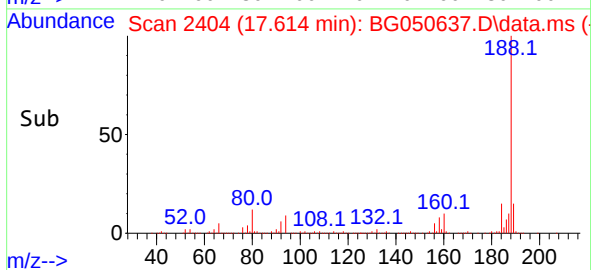
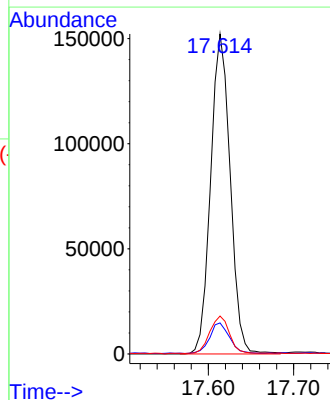
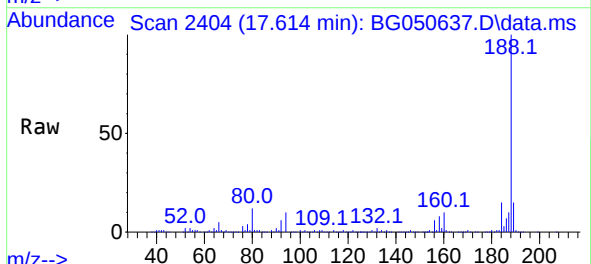
Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	43.0
170	25.0	18.6	27.8

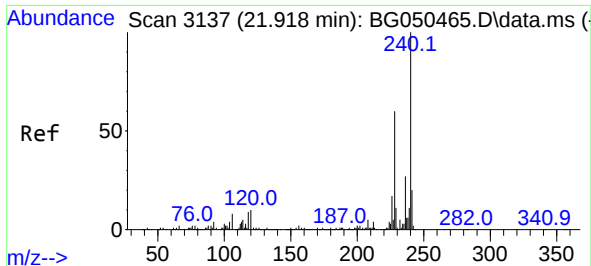


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.614 min Scan# 2404
Delta R.T. -0.004 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

Tgt Ion:188 Resp: 242386

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.4	8.0#
80	11.9	3.7	5.5#

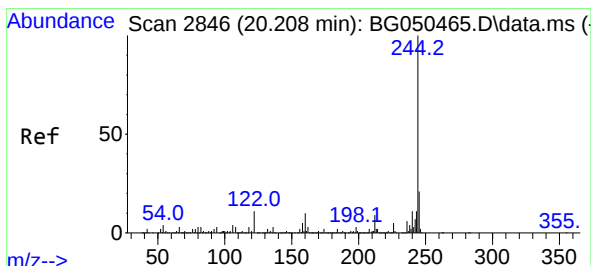
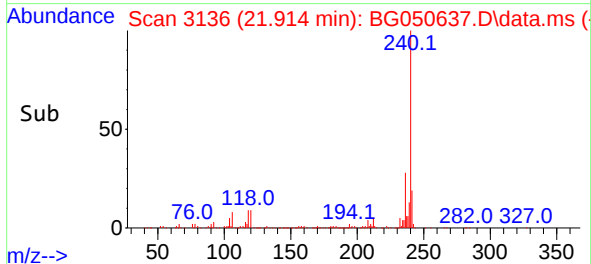
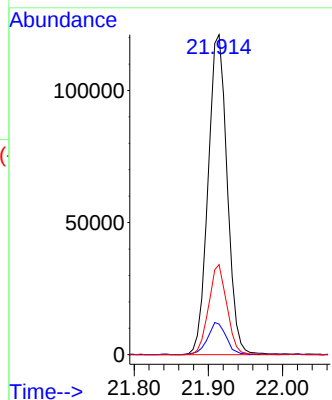
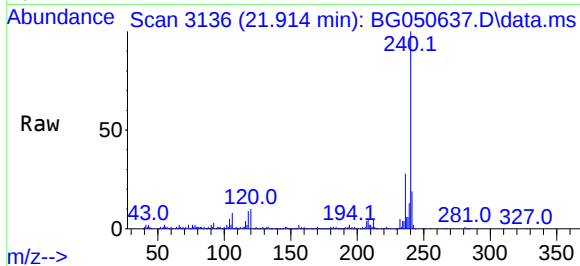




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.914 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

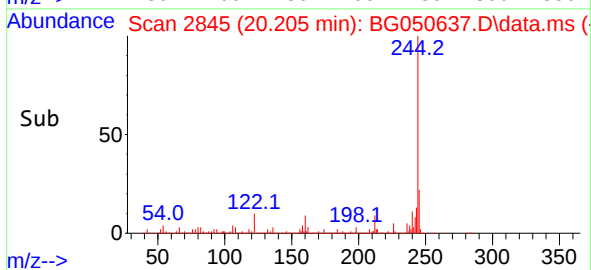
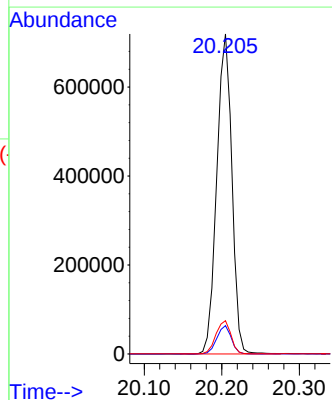
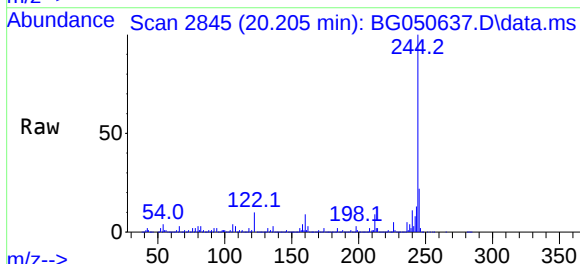
Instrument :
BNA_G
ClientSampled :
135-136

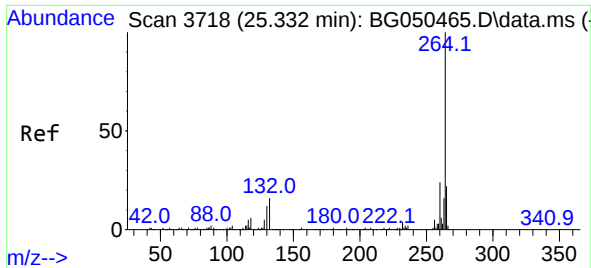
Tgt Ion:240 Resp: 216708
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 28.2 21.8 32.6



#79
Terphenyl-d14
Concen: 87.58 ng
RT: 20.205 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG050637.D
Acq: 19 Oct 2021 16:27

Tgt Ion:244 Resp: 973856
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 10.4 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.322 min Scan# 3716
 Delta R.T. -0.010 min
 Lab File: BG050637.D
 Acq: 19 Oct 2021 16:27

Instrument :
 BNA_G
 ClientSampleId :
 135-136

Tgt Ion:264 Resp: 220089
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.8 16.9 25.3

