

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050556.D
 Acq On : 12 Oct 2021 17:07
 Operator : CG/JU
 Sample : M4158-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T3-COMP-(1-4)

Quant Time: Oct 13 04:42:46 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	8.258	152	50807	20.00	ng	0.00
21) Naphthalene-d8	11.085	136	230269	20.00	ng	# 0.00
39) Acenaphthene-d10	14.874	164	154329	20.00	ng	0.00
64) Phenanthrene-d10	17.618	188	325370	20.00	ng	# 0.00
76) Chrysene-d12	21.919	240	281325	20.00	ng	# 0.00
86) Perylene-d12	25.333	264	271578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	417904	123.01	ng	0.00
7) Phenol-d6	7.406	99	541245	110.04	ng	0.01
23) Nitrobenzene-d5	9.428	82	442719	79.59	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	170205	115.63	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	781086	76.17	ng	0.00
79) Terphenyl-d14	20.209	244	1130856	78.34	ng	0.00

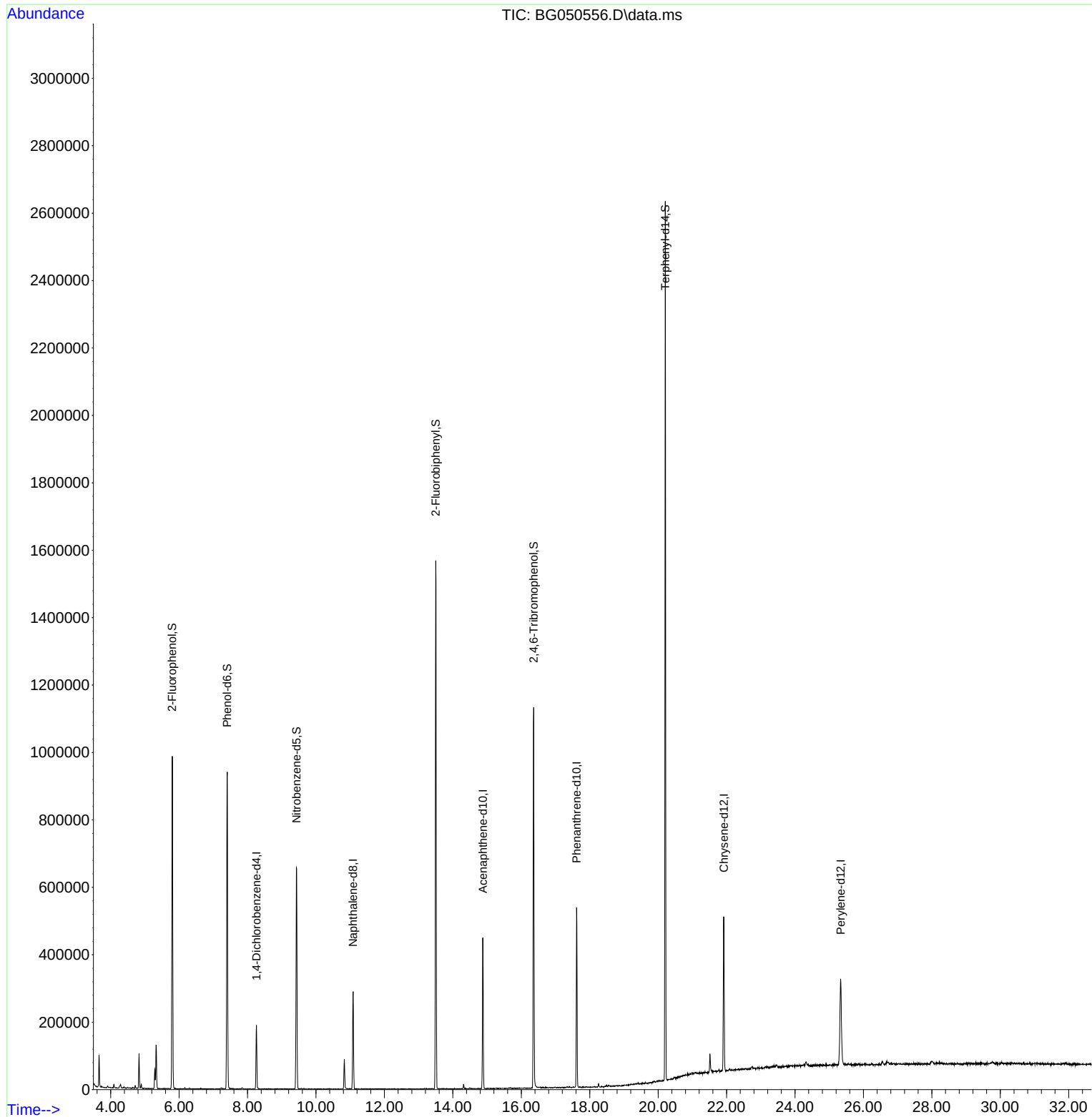
Target Compounds	Qvalue

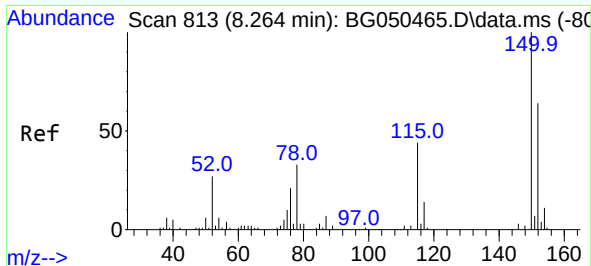
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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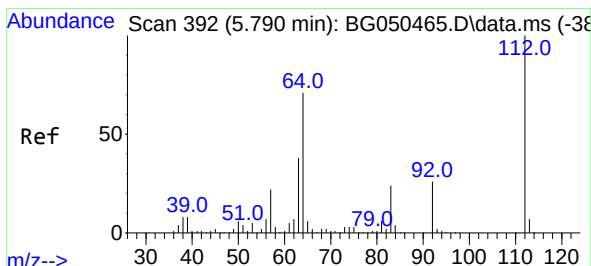
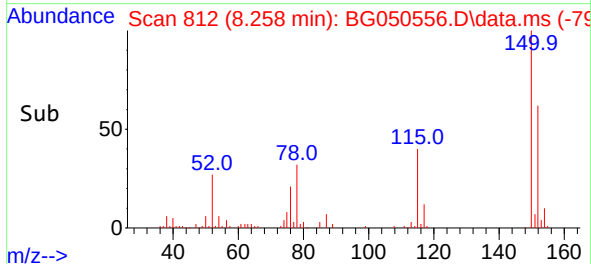
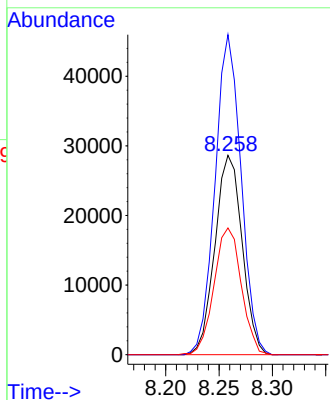
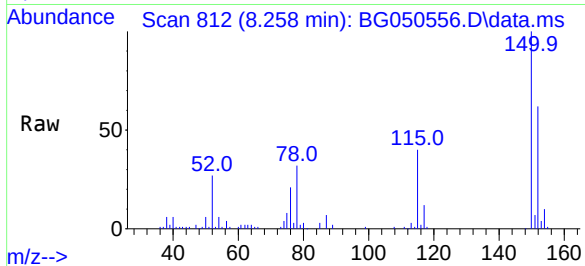




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

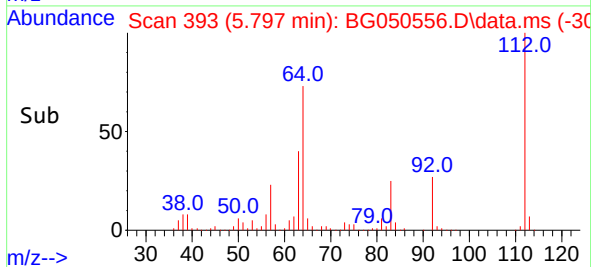
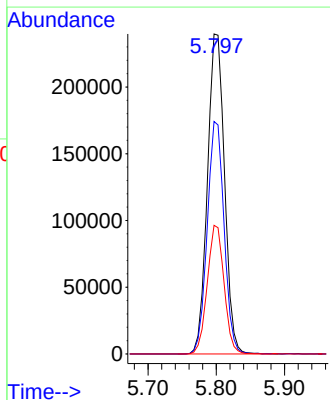
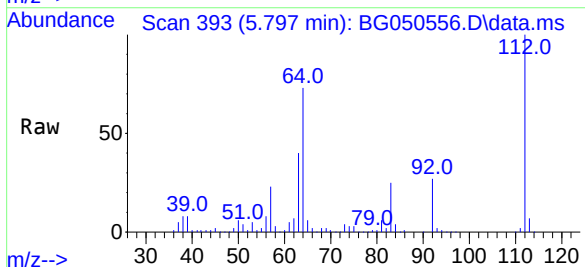
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

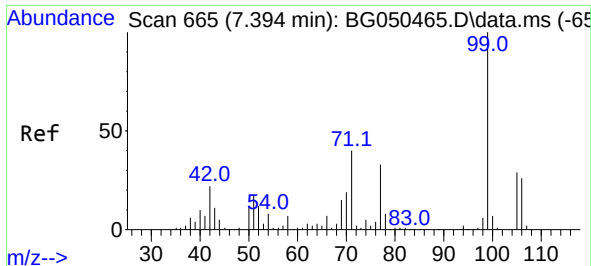
Tgt Ion:152 Resp: 50807
Ion Ratio Lower Upper
152 100
150 160.6 119.4 179.0
115 63.6 60.2 90.4



#5
2-Fluorophenol
Concen: 123.01 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:112 Resp: 417904
Ion Ratio Lower Upper
112 100
64 72.6 46.7 70.1#
63 40.2 35.3 52.9

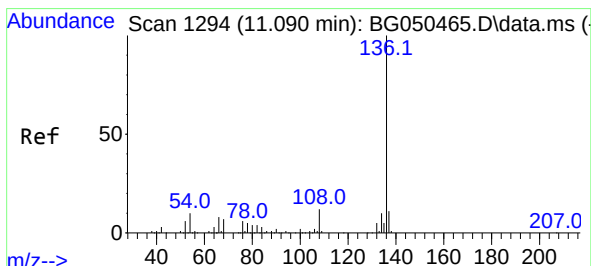
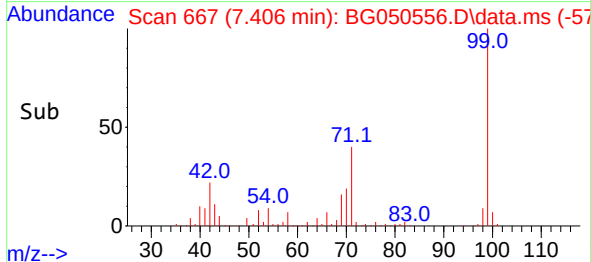
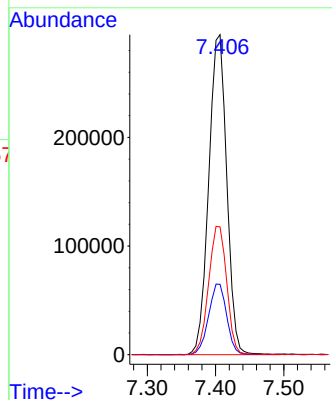
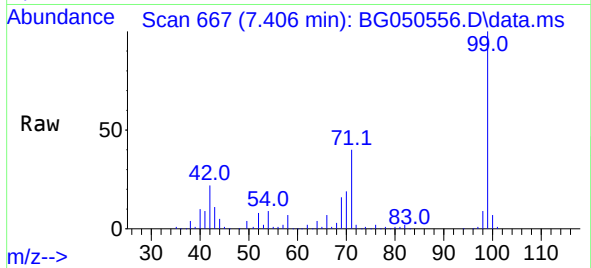




#7
Phenol-d6
Concen: 110.04 ng
RT: 7.406 min Scan# 667
Delta R.T. 0.012 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

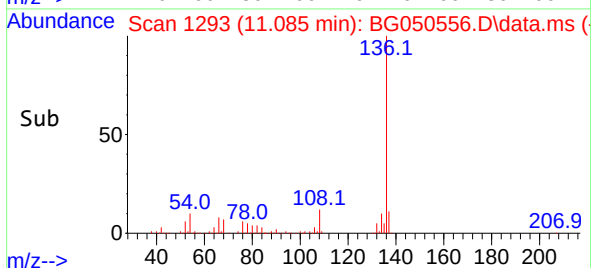
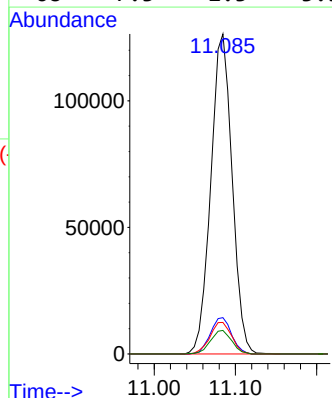
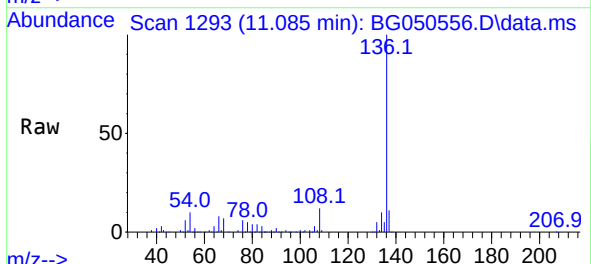
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

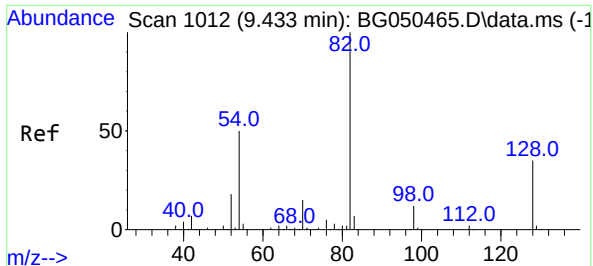
Tgt Ion: 99 Resp: 541245
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 39.9 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion: 136 Resp: 230269
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 9.8 5.5 8.3#
68 7.3 2.3 3.5#

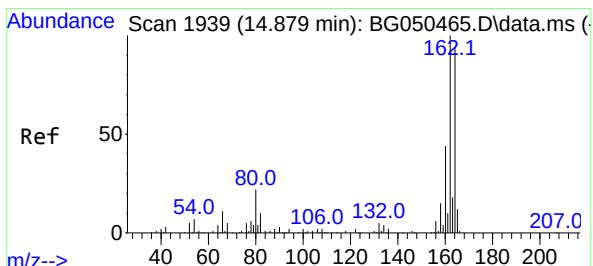
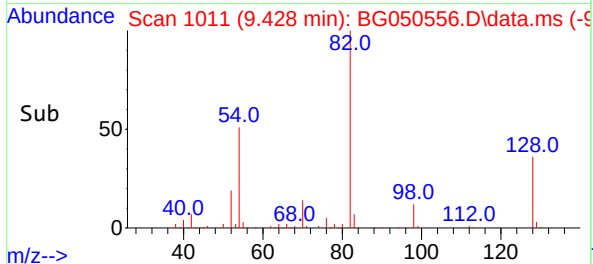
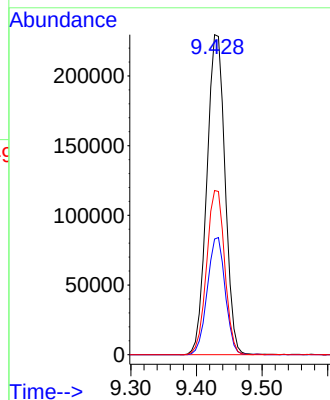
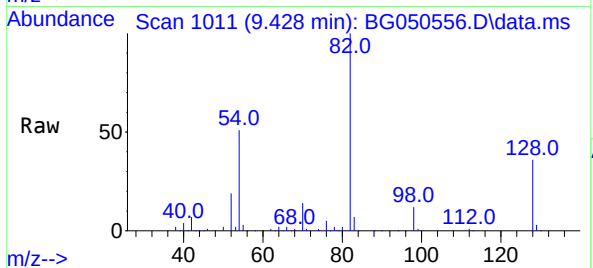




#23
Nitrobenzene-d5
Concen: 79.59 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

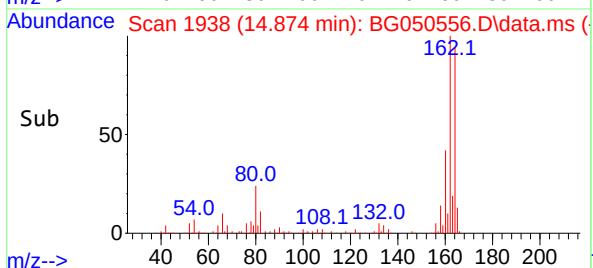
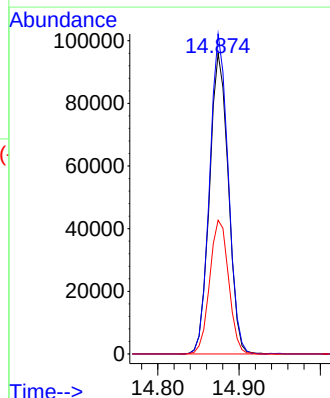
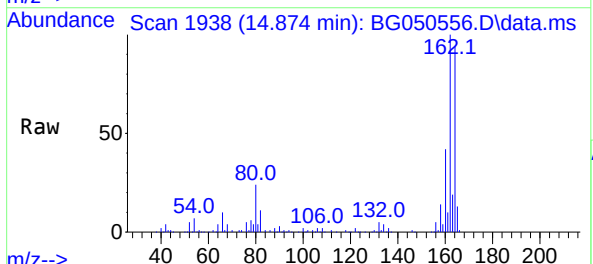
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)

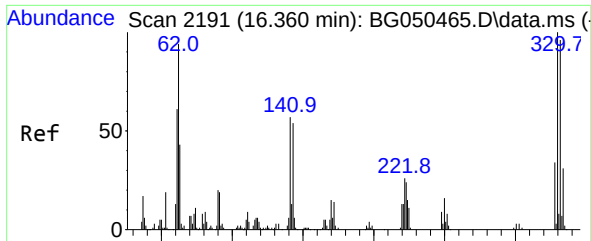
Tgt Ion: 82 Resp: 442719
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 51.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

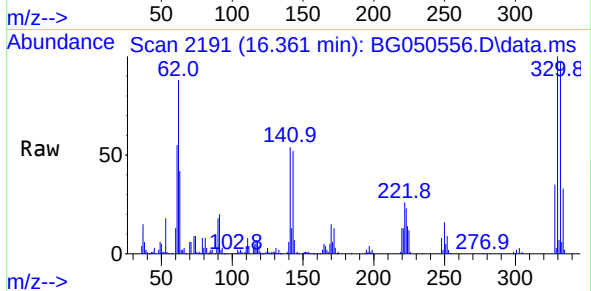
Tgt Ion:164 Resp: 154329
Ion Ratio Lower Upper
164 100
162 106.4 81.4 122.0
160 44.5 34.9 52.3



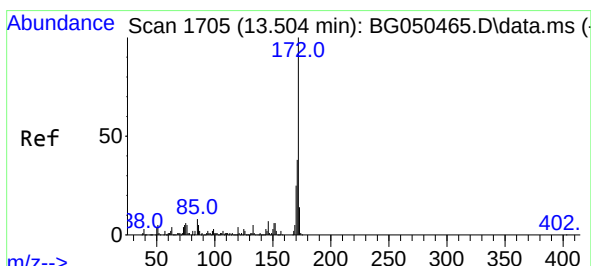
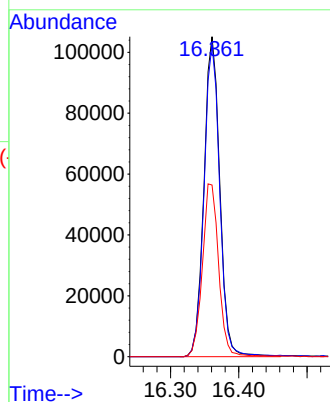
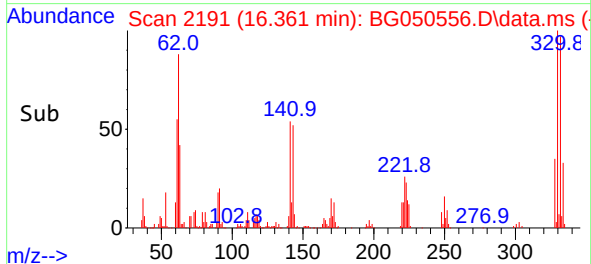


#42
2,4,6-Tribromophenol
Concen: 115.63 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

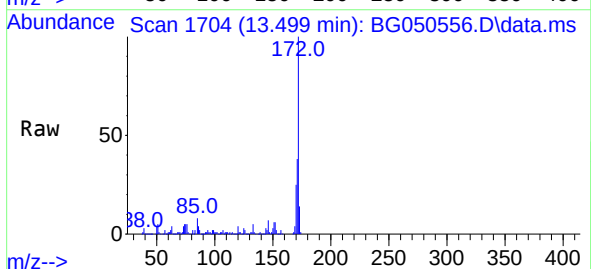
Instrument :
BNA_G
ClientSampleId :
T3-COMP-(1-4)



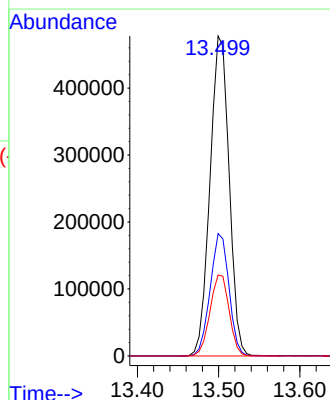
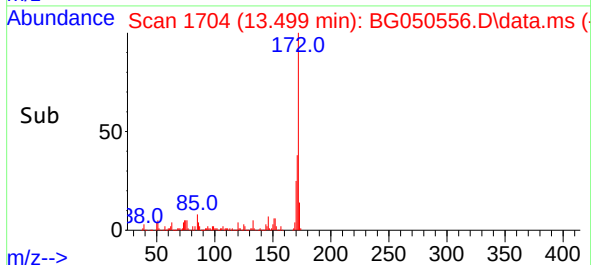
Tgt Ion:330 Resp: 170205
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 55.1 35.6 53.4#

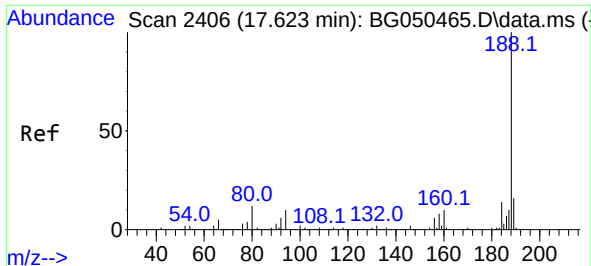


#45
2-Fluorobiphenyl
Concen: 76.17 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07



Tgt Ion:172 Resp: 781086
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 25.3 18.6 27.8

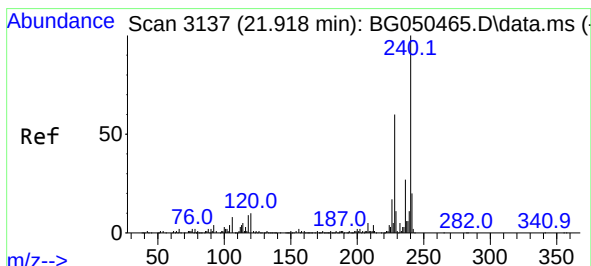
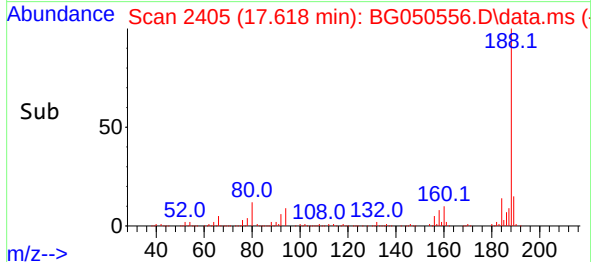
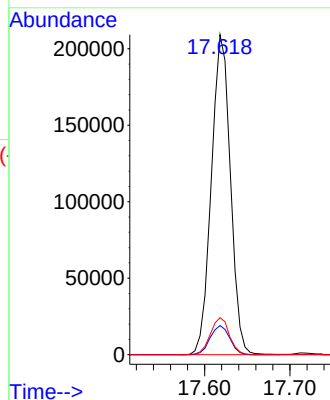
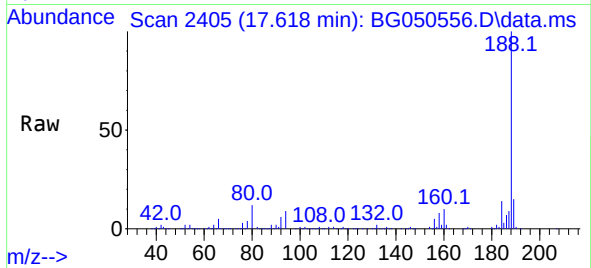




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

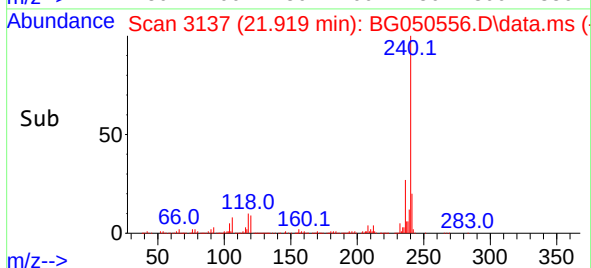
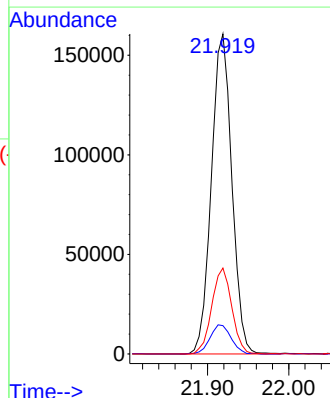
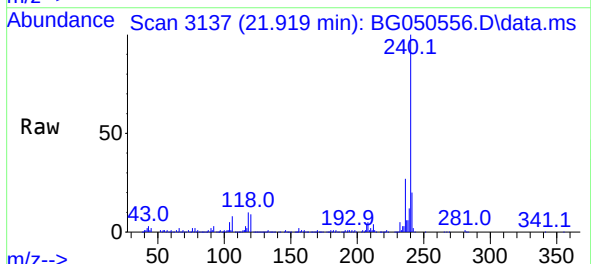
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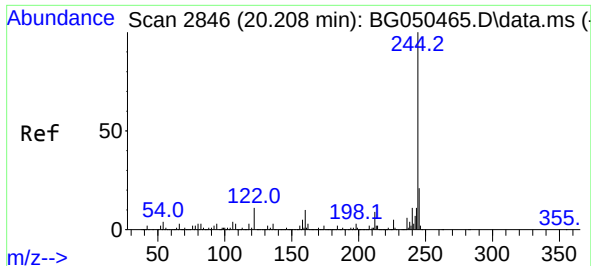
Tgt Ion:188 Resp: 325370
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.5 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050556.D
Acq: 12 Oct 2021 17:07

Tgt Ion:240 Resp: 281325
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 26.8 21.8 32.6

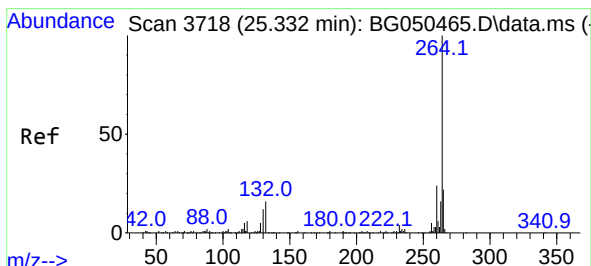
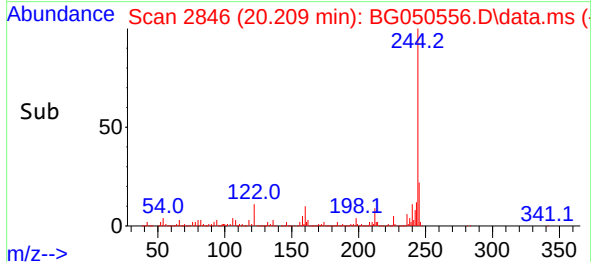
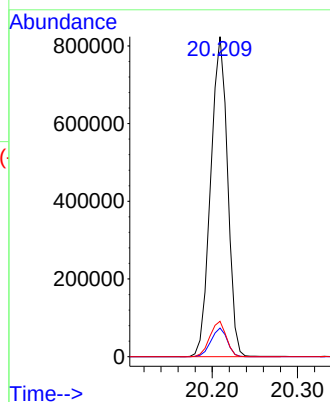
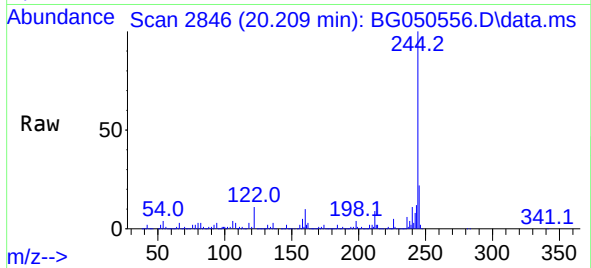




#79
 Terphenyl-d14
 Concen: 78.34 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050556.D
 Acq: 12 Oct 2021 17:07

Instrument :
 BNA_G
 ClientSampleId :
 T3-COMP-(1-4)

Tgt Ion:244 Resp: 1130856
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.9 10.3
 122 11.1 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.333 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG050556.D
 Acq: 12 Oct 2021 17:07

Tgt Ion:264 Resp: 271578
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.4 16.9 25.3

