

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050625.D
 Acq On : 18 Oct 2021 20:15
 Operator : CG/JU
 Sample : M4242-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-COMP-(1-4)

Quant Time: Oct 19 02:36:50 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)

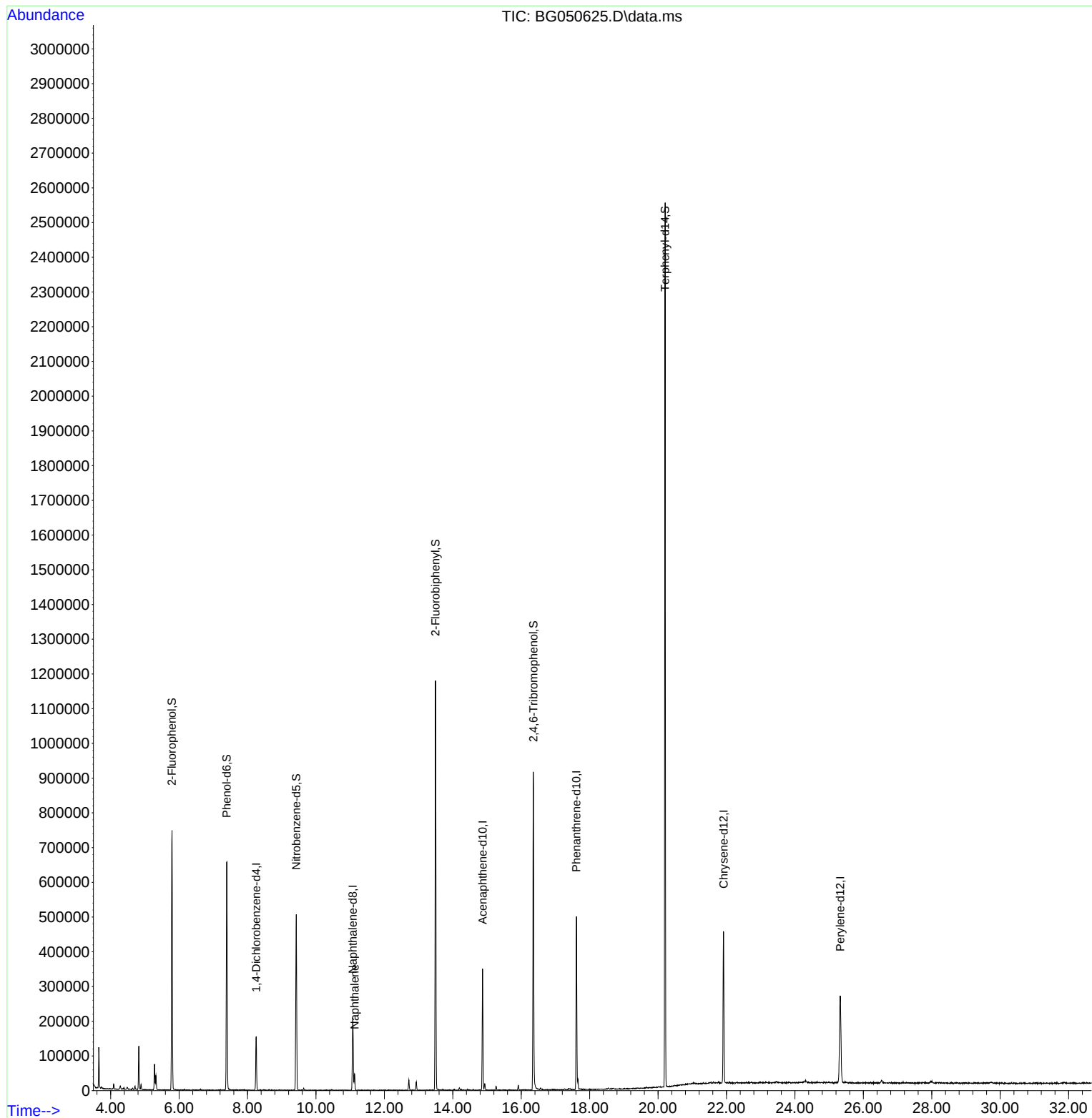
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	40416	20.00	ng	0.00
21) Naphthalene-d8	11.076	136	177947	20.00	ng	# 0.00
39) Acenaphthene-d10	14.871	164	120777	20.00	ng	0.00
64) Phenanthrene-d10	17.615	188	298252	20.00	ng	# 0.00
76) Chrysene-d12	21.916	240	271496	20.00	ng	# 0.00
86) Perylene-d12	25.324	264	264025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	309737	114.61	ng	0.00
7) Phenol-d6	7.392	99	378620	96.77	ng	0.00
23) Nitrobenzene-d5	9.425	82	327628	76.22	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	139393	121.00	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	588944	73.39	ng	0.00
79) Terphenyl-d14	20.206	244	1098822	78.87	ng	0.00
Target Compounds						
31) Naphthalene	11.128	128	40023	4.20	ng	Qvalue 99

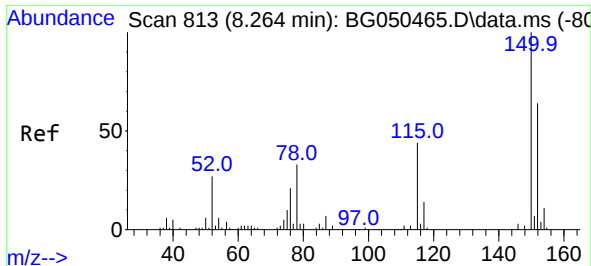
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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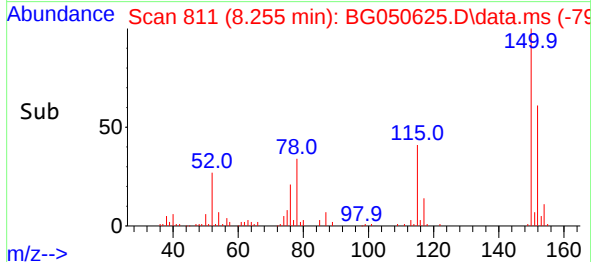
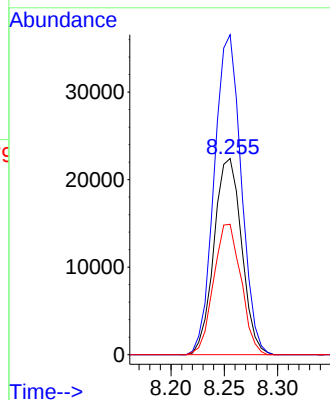
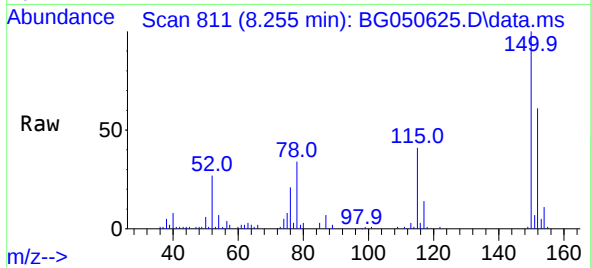




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

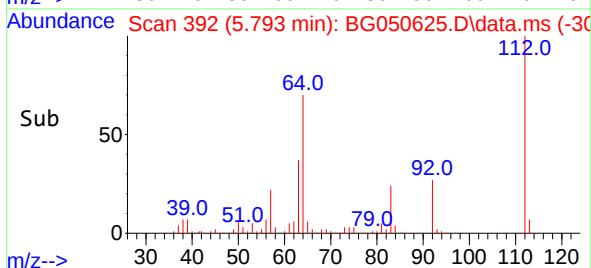
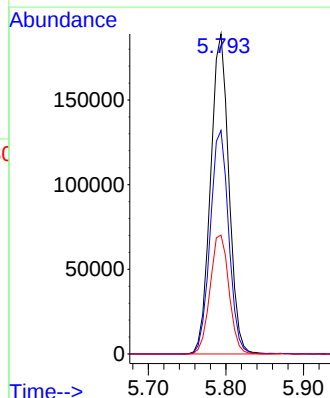
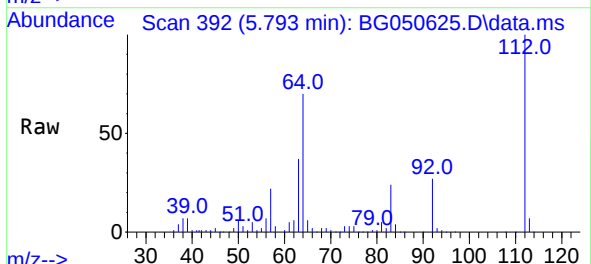
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

Tgt Ion:152 Resp: 40416
Ion Ratio Lower Upper
152 100
150 163.1 119.4 179.0
115 66.5 60.2 90.4



#5
2-Fluorophenol
Concen: 114.61 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:112 Resp: 309737
Ion Ratio Lower Upper
112 100
64 69.9 46.7 70.1
63 37.1 35.3 52.9

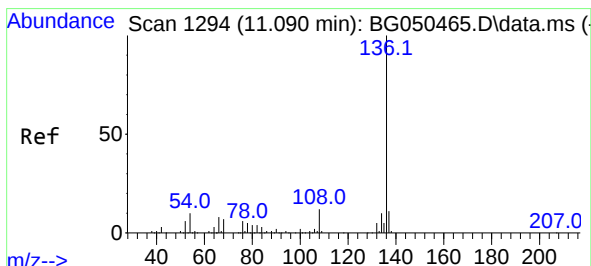
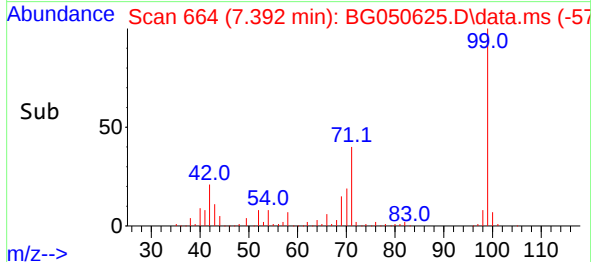
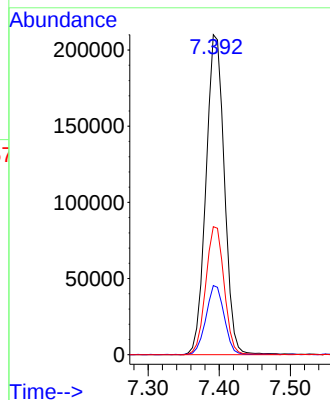
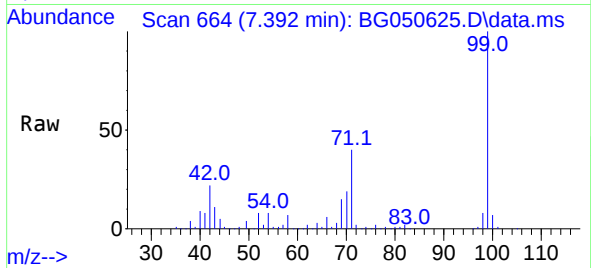




#7
Phenol-d6
Concen: 96.77 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

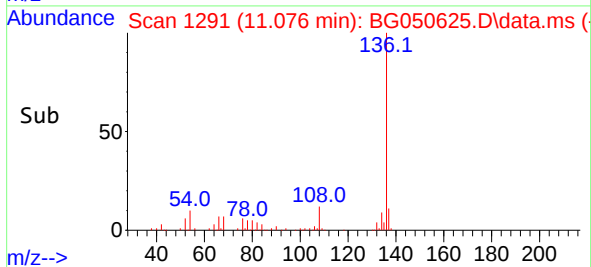
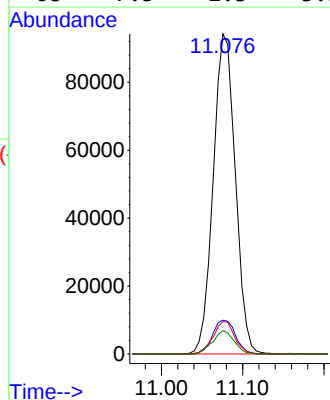
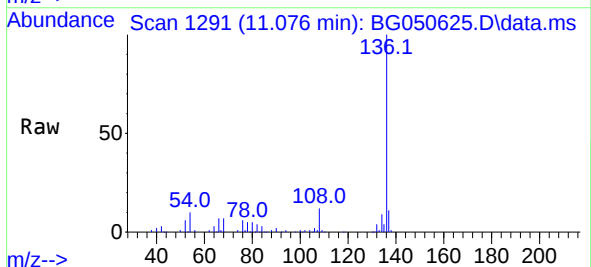
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

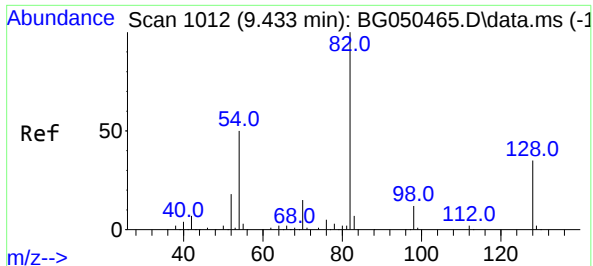
Tgt Ion: 99 Resp: 378620
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 40.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion: 136 Resp: 177947
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 10.1 5.5 8.3#
68 7.3 2.3 3.5#

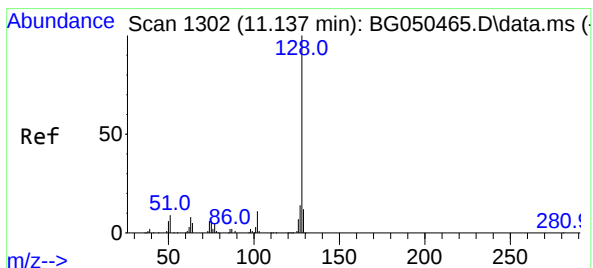
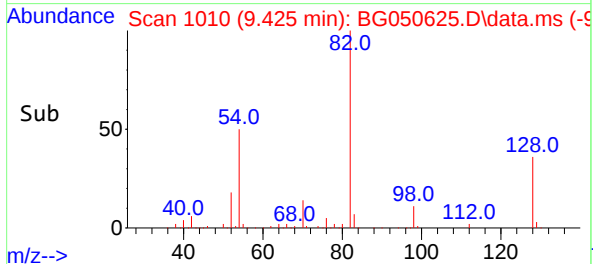
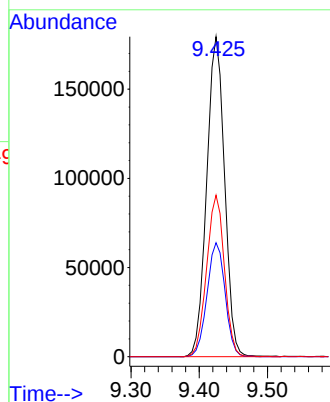
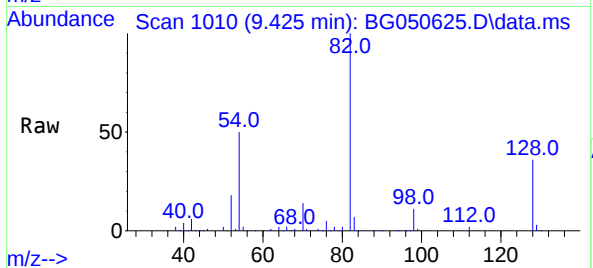




#23
Nitrobenzene-d5
Concen: 76.22 ng
RT: 9.425 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

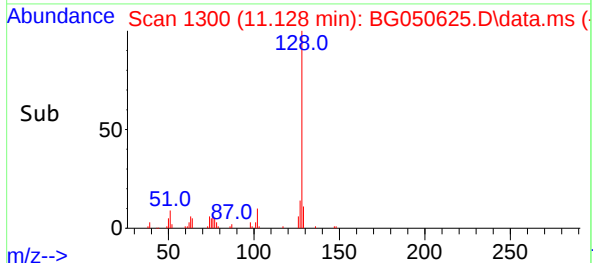
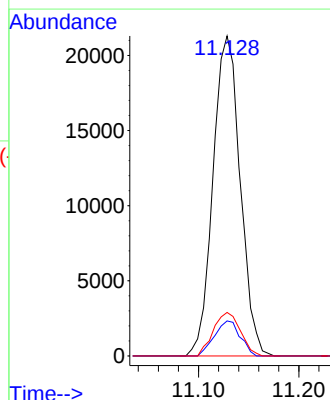
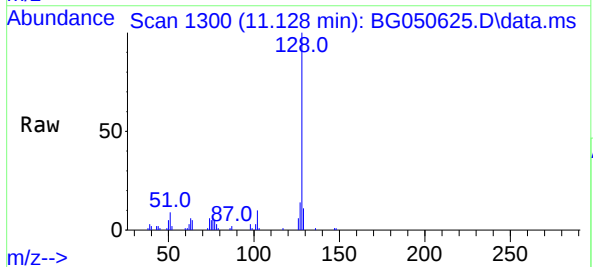
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

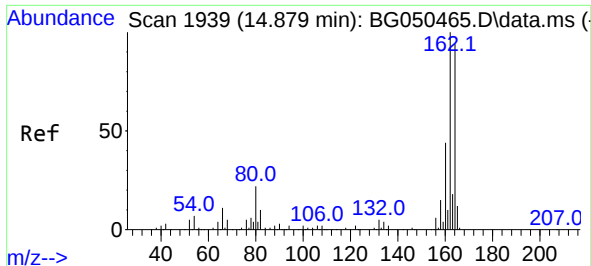
Tgt Ion: 82 Resp: 327628
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 50.4 45.8 68.8



#31
Naphthalene
Concen: 4.20 ng
RT: 11.128 min Scan# 1300
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion: 128 Resp: 40023
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.6 10.2 15.4



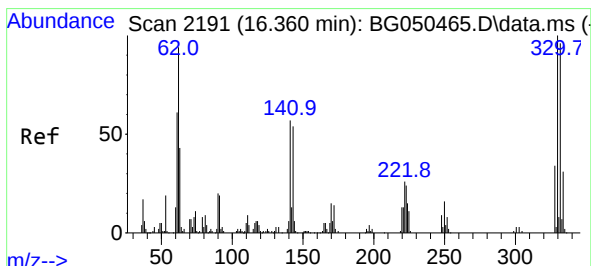
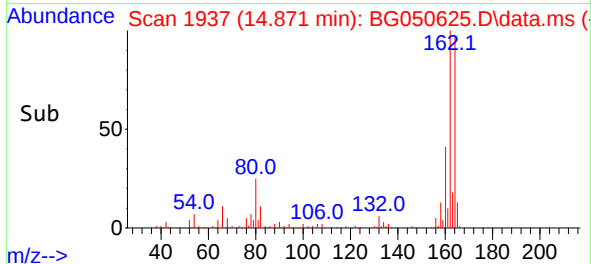
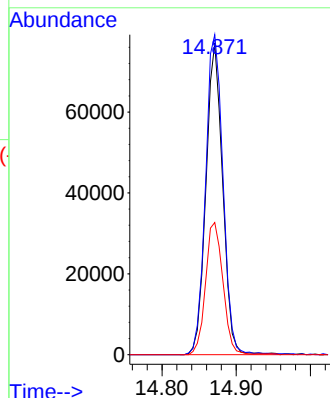
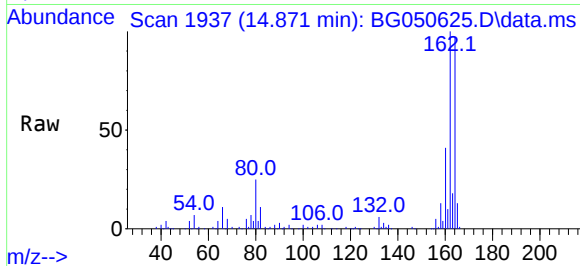


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

Tgt Ion:164 Resp: 120777

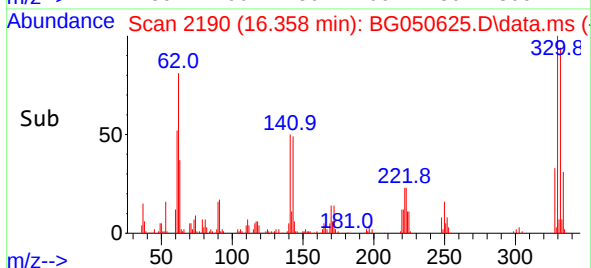
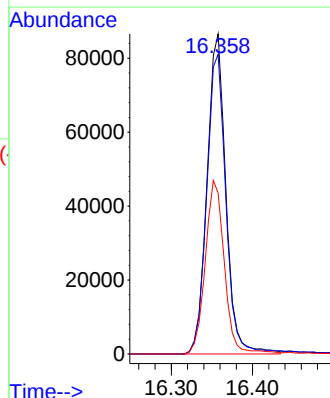
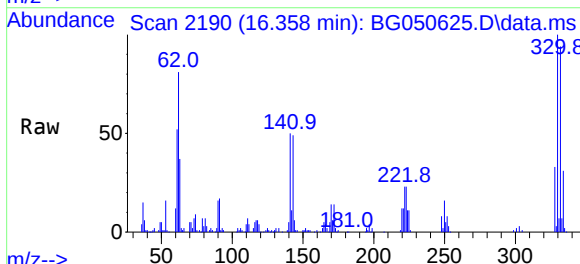
Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.4	122.0
160	42.5	34.9	52.3

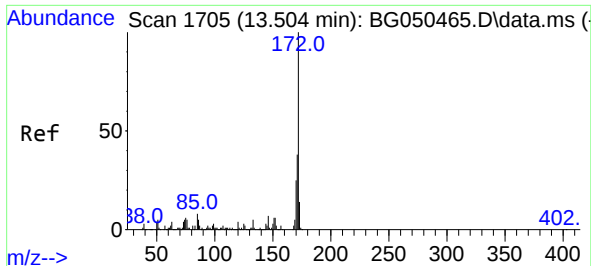


#42
2,4,6-Tribromophenol
Concen: 121.00 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:330 Resp: 139393

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	55.0	35.6	53.4#

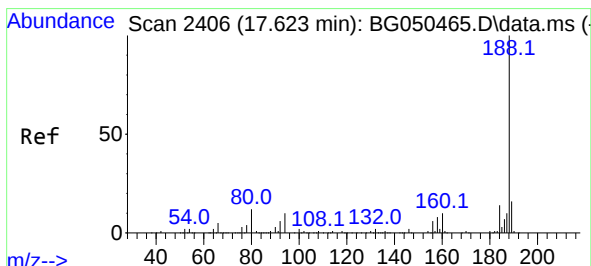
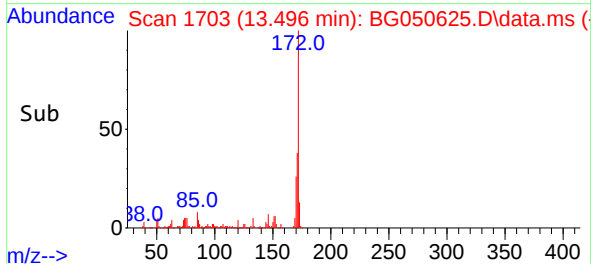
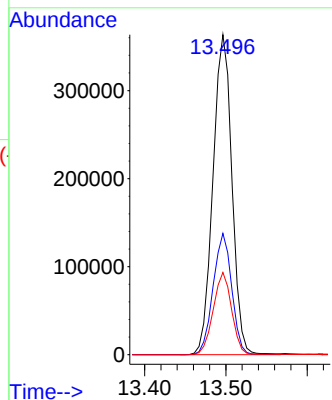
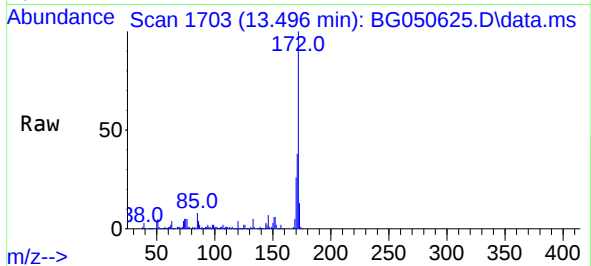




#45
2-Fluorobiphenyl
Concen: 73.39 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

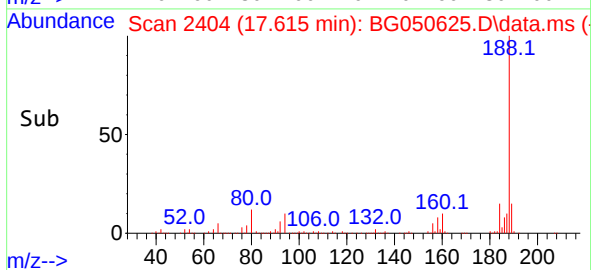
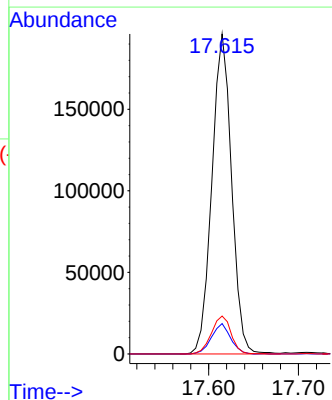
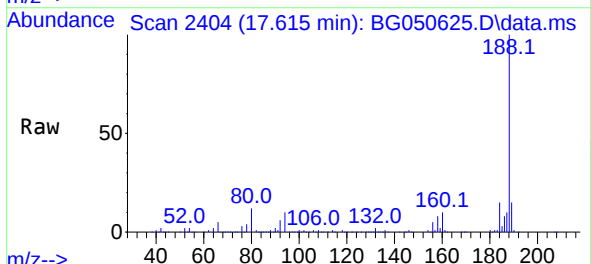
Instrument :
BNA_G
ClientSampleId :
T1-COMP-(1-4)

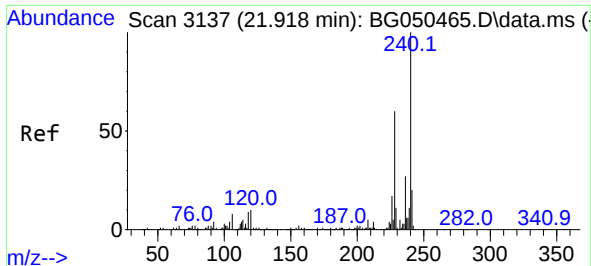
Tgt Ion:172 Resp: 588944
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:188 Resp: 298252
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 11.8 3.7 5.5#

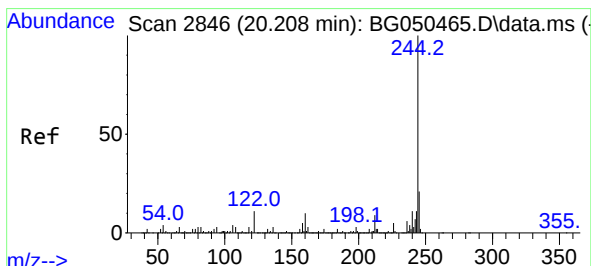
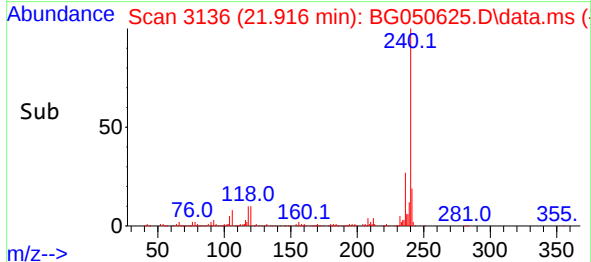
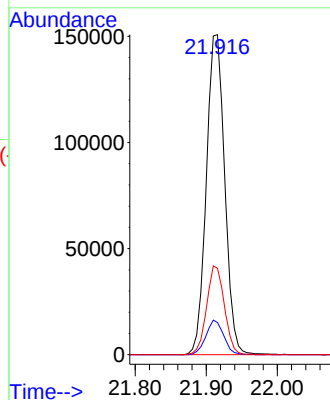
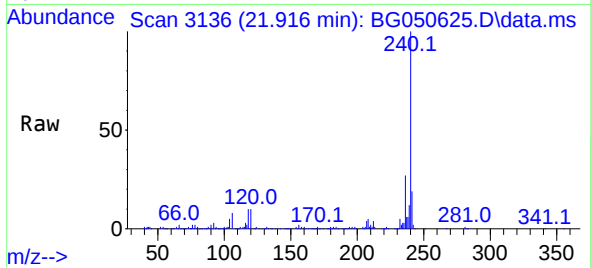




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

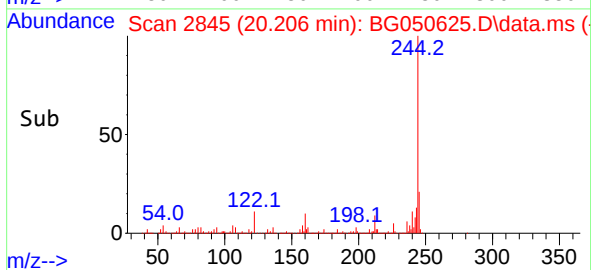
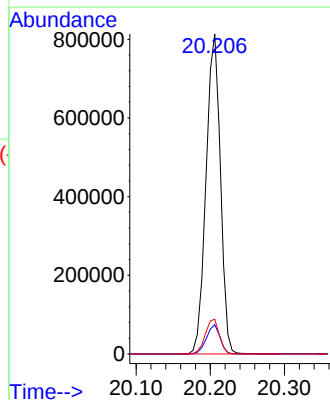
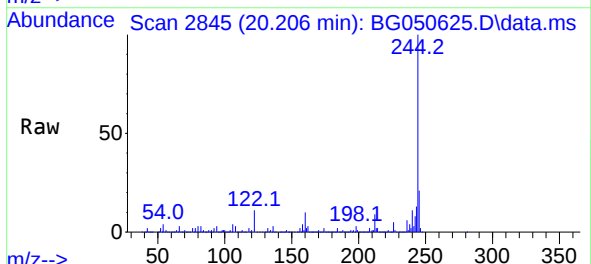
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ClientSampleId :
T1-COMP-(1-4)

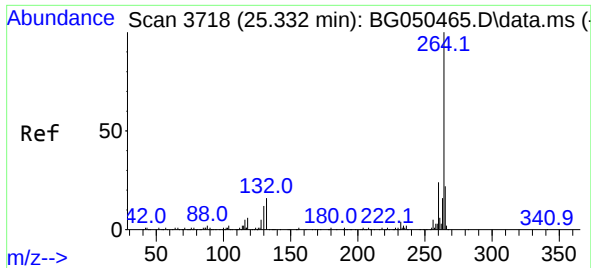
Tgt Ion:240 Resp: 271496
Ion Ratio Lower Upper
240 100
120 10.1 4.2 6.2#
236 27.0 21.8 32.6



#79
Terphenyl-d14
Concen: 78.87 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050625.D
Acq: 18 Oct 2021 20:15

Tgt Ion:244 Resp: 1098822
Ion Ratio Lower Upper
244 100
212 9.2 6.9 10.3
122 10.9 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.324 min Scan# 3716
 Delta R.T. -0.009 min
 Lab File: BG050625.D
 Acq: 18 Oct 2021 20:15

Instrument :
 BNA_G
 ClientSampleId :
 T1-COMP-(1-4)

Tgt Ion:264 Resp: 264025

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.5	16.9	25.3

