

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
 Data File : BG050590.D
 Acq On : 14 Oct 2021 16:12
 Operator : CG/JU
 Sample : PB139823BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139823BL

Quant Time: Oct 14 17:55:17 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)

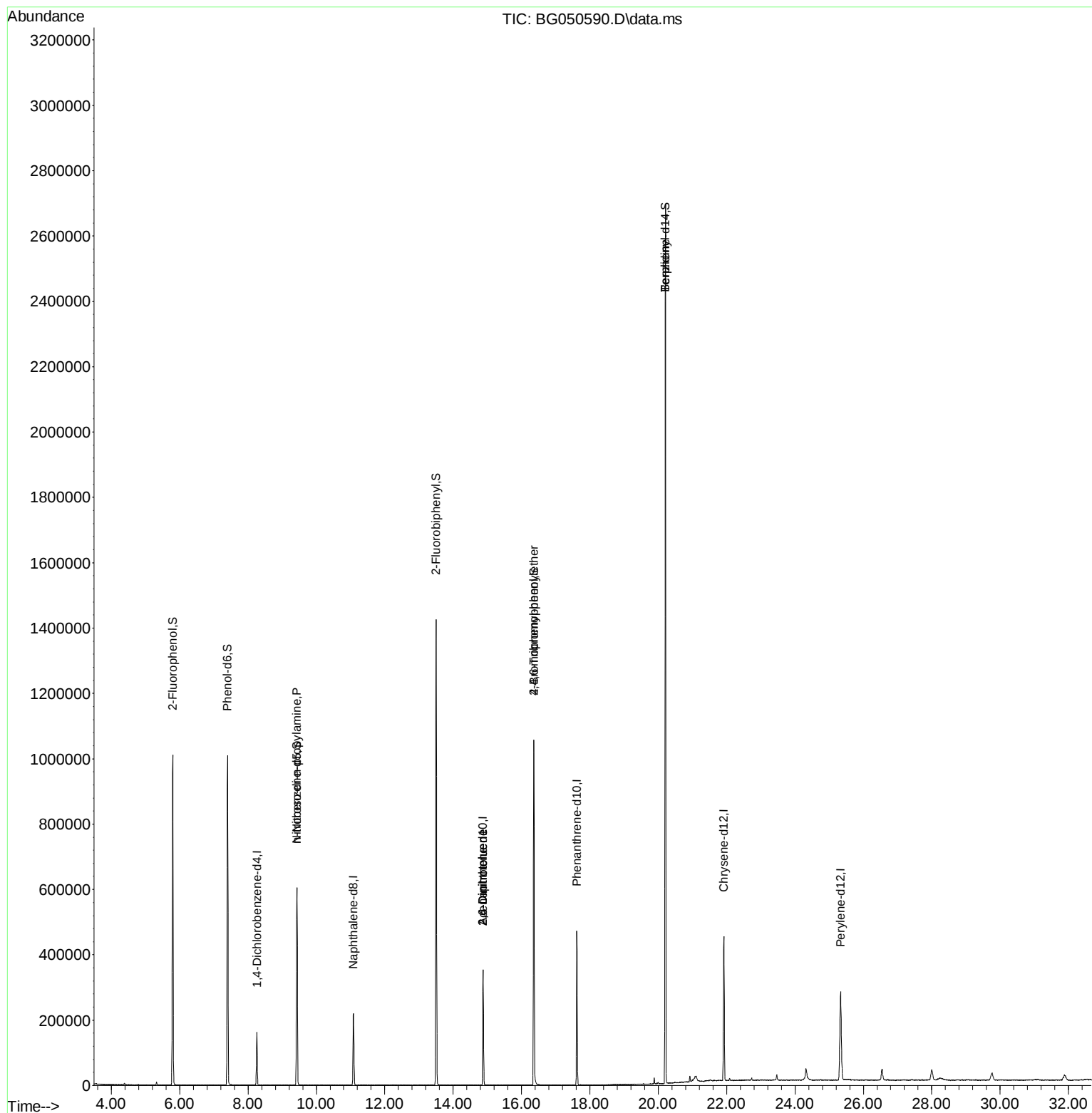
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	43441	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	184721	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	124408	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	286974	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	261162	20.000	ng	# 0.00
86) Perylene-d12	25.333	264	253827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	414881	142.830	ng	0.00
7) Phenol-d6	7.401	99	554019	131.736	ng	0.00
23) Nitrobenzene-d5	9.428	82	395040	88.528	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	158226	133.340	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	717981	86.858	ng	0.00
79) Terphenyl-d14	20.209	244	1174530	87.645	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.401	77	1207	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	56417	18.405	ng	# 69
51) 2,6-Dinitrotoluene	14.874	165	15383	8.167	ng	# 11
57) 2,4-Dinitrotoluene	14.874	165	15383	5.794	ng	# 16
67) 4-Bromophenyl-phenylether	16.361	248	13225	4.573	ng	# 1
77) Benzidine	20.209	184	24144	2.852	ng	# 89

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

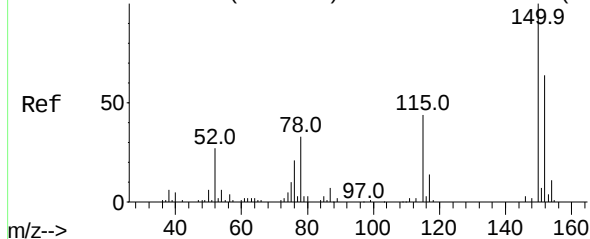
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101421\
Data File : BG050590.D
Acq On : 14 Oct 2021 16:12
Operator : CG/JU
Sample : PB139823BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139823BL

Quant Time: Oct 14 17:55:17 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

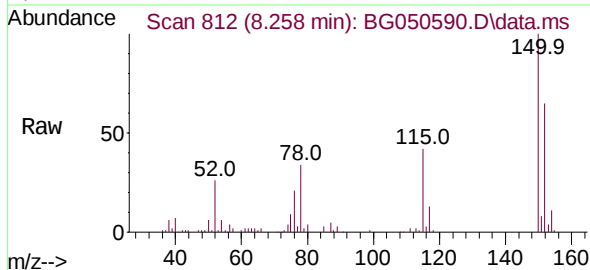


Abundance Scan 813 (8.264 min): BG050465.D\data.ms (-805) #1

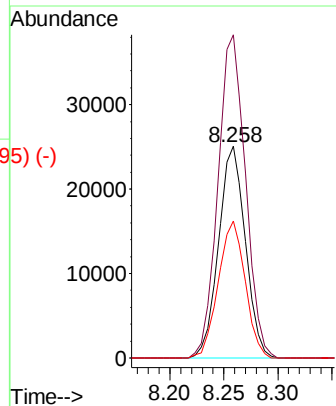
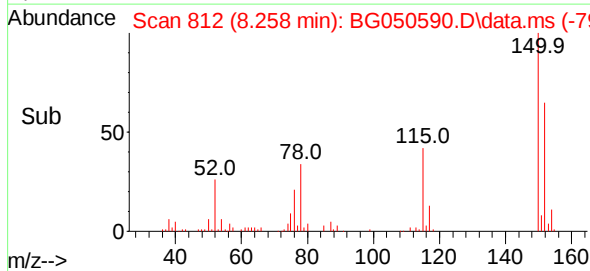


1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

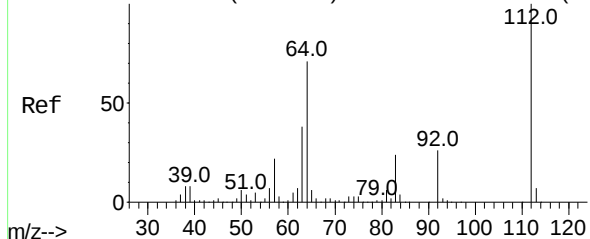
Instrument :
BNA_G
ClientSampleId :
PB139823BL



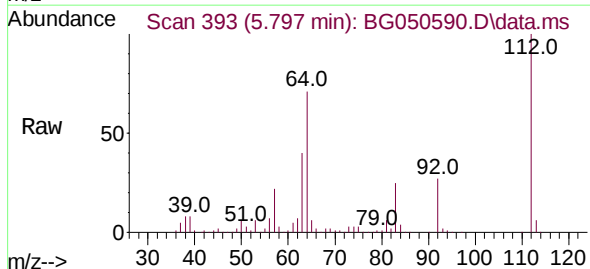
Tgt Ion:	152	Resp:	43441
Ion	Ratio	Lower	Upper
152	100		
150	152.7	119.4	179.0
115	64.8	60.2	90.4



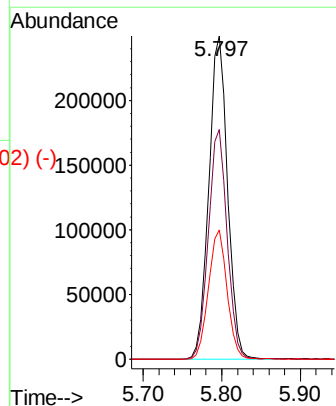
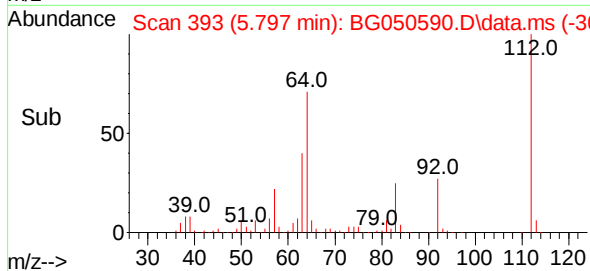
Abundance Scan 392 (5.790 min): BG050465.D\data.ms (-384) #5

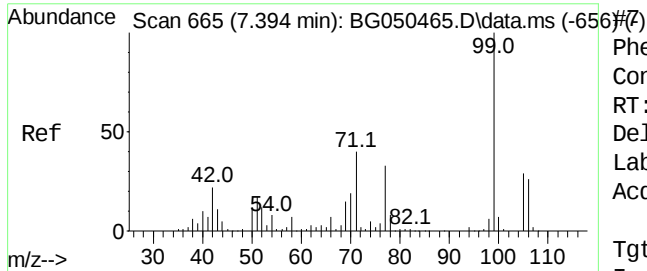


2-Fluorophenol
Concen: 142.830 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12



Tgt Ion:	112	Resp:	414881
Ion	Ratio	Lower	Upper
112	100		
64	71.1	46.7	70.1#
63	40.0	35.3	52.9

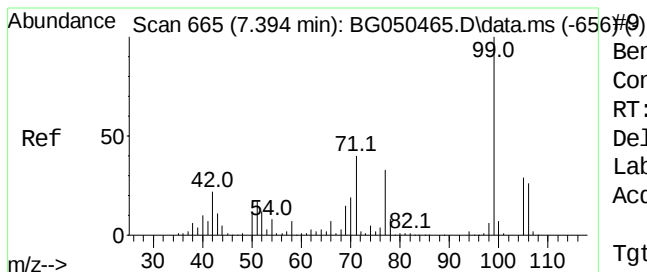
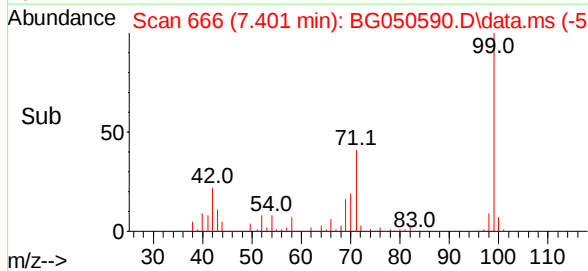
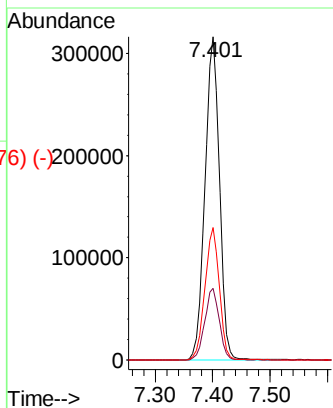
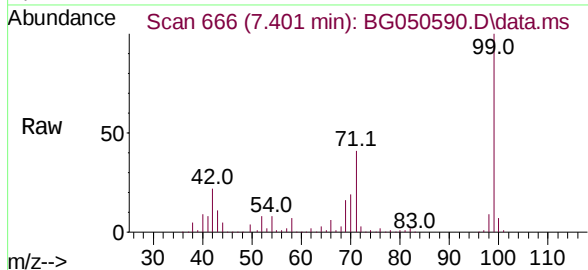




Phenol-d6
 Concen: 131.736 ng
 RT: 7.401 min Scan# 666
 Delta R.T. 0.000 min
 Lab File: BG050590.D
 Acq: 14 Oct 2021 16:12

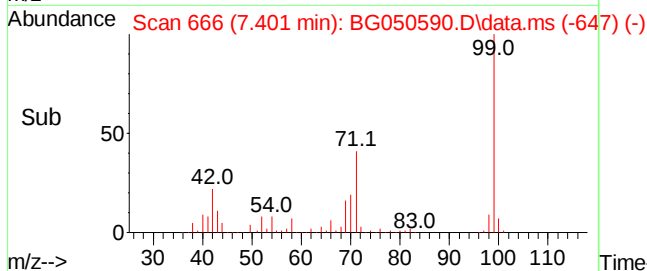
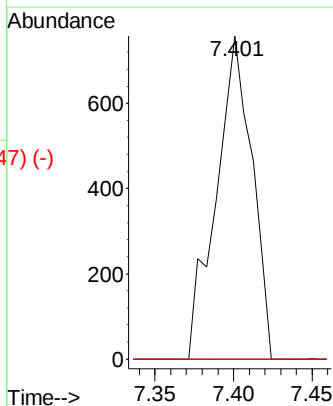
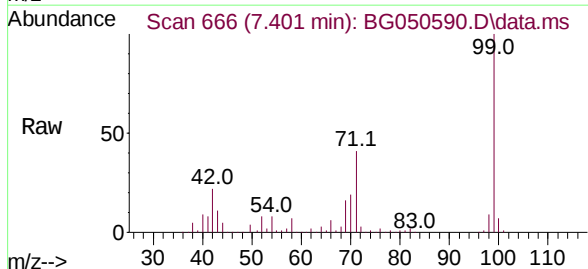
Instrument :
 BNA_G
 ClientSampleId :
 PB139823BL

Tgt Ion:	99	Resp:	554019
Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.5	30.7
71	41.1	41.5	62.3#



Benzaldehyde
 Concen: Below Cal
 RT: 7.401 min Scan# 666
 Delta R.T. 0.012 min
 Lab File: BG050590.D
 Acq: 14 Oct 2021 16:12

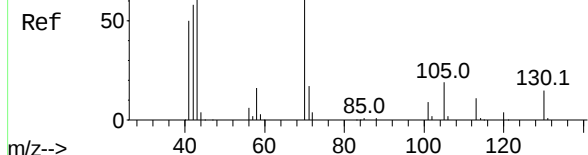
Tgt Ion:	77	Resp:	1207
Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.8	108.8#
106	0.0	47.9	87.9#



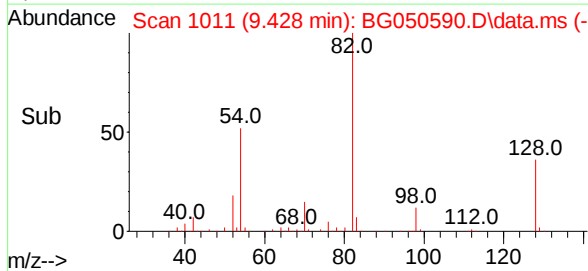
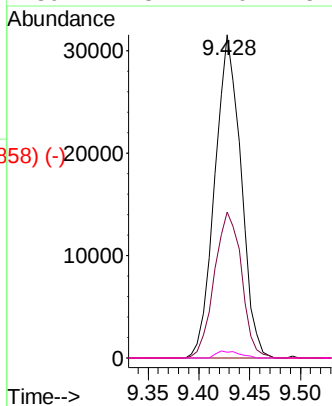
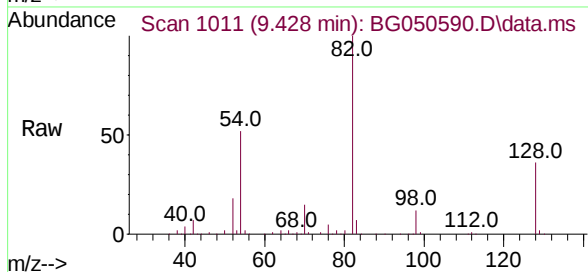
Abundance Scan 949 (9.063 min): BG050465.D\data.ms (-941#19)

n-Nitroso-di-n-propylamine
Concen: 18.405 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.370 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

Instrument :
BNA_G
ClientSampleId :
PB139823BL

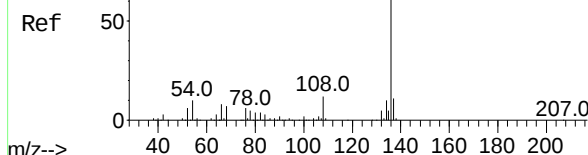


Tgt Ion:	70	Resp:	56417
Ion	Ratio	Lower	Upper
70	100		
42	45.1	54.5	81.7#
101	0.0	9.0	13.6#
130	1.8	17.0	25.6#

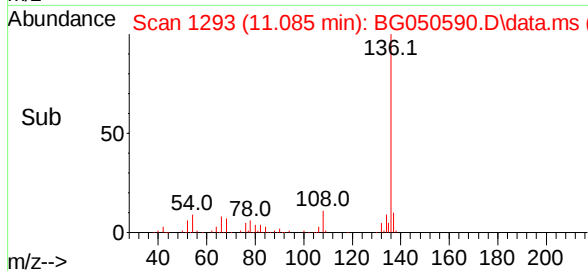
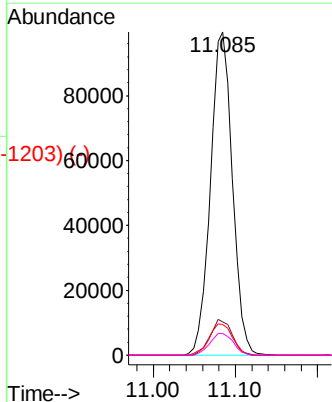
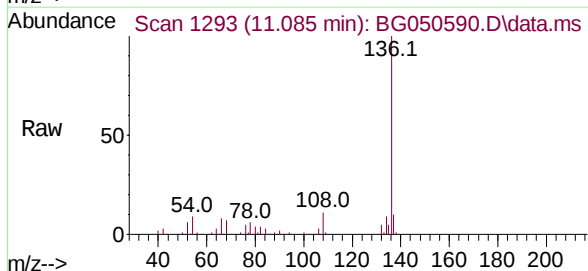


Abundance Scan 1294 (11.090 min): BG050465.D\data.ms (-1221#21)

Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12



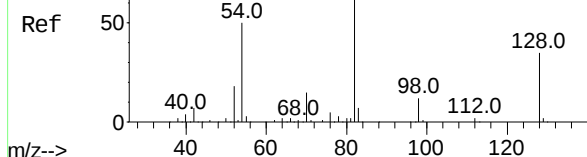
Tgt Ion:	136	Resp:	184721
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	9.4	5.5	8.3#
68	6.6	2.3	3.5#



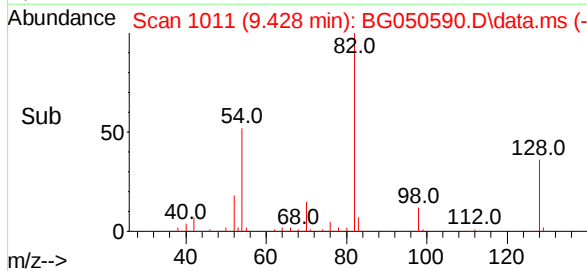
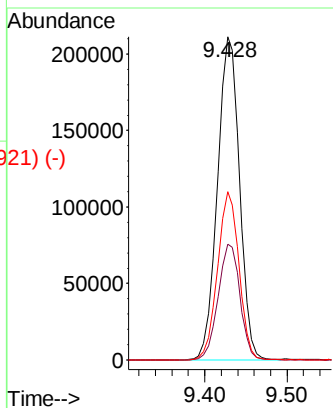
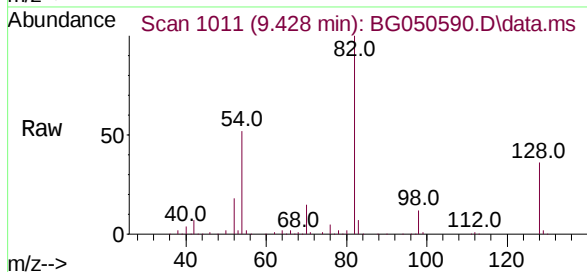
Abundance Scan 1012 (9.433 min): BG050465.D\data.ms (-10623) (-)

Nitrobenzene-d5
Concen: 88.528 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

Instrument :
BNA_G
ClientSampleId :
PB139823BL

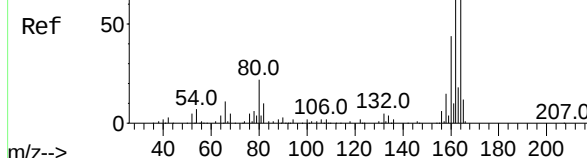


Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.8	44.6
54	52.0	45.8	68.8

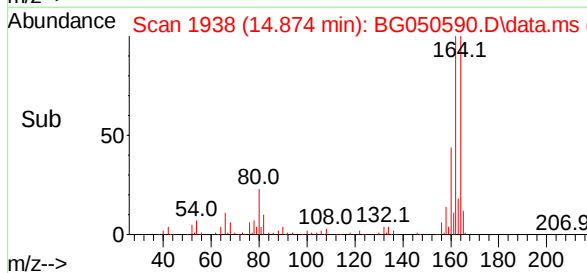
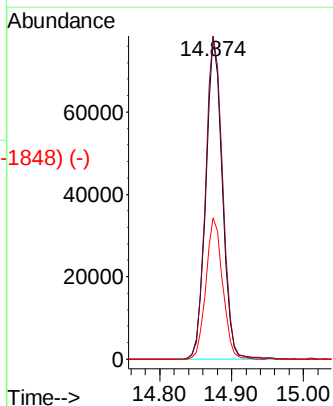
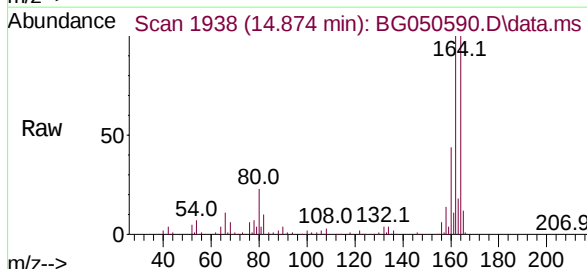


Abundance Scan 1939 (14.879 min): BG050465.D\data.ms (-1939) (-)

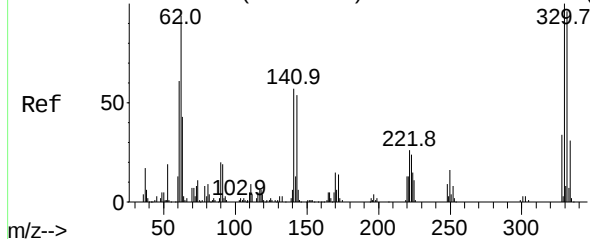
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12



Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.4	122.0
160	43.8	34.9	52.3



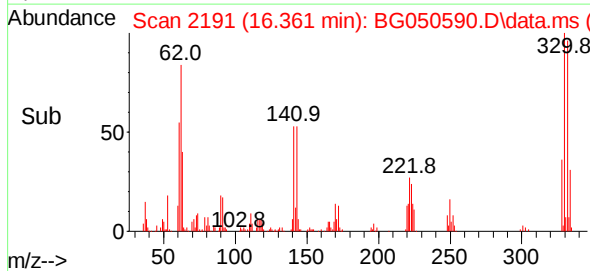
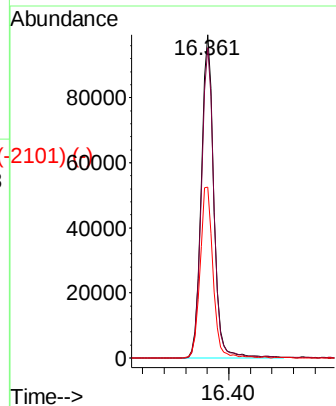
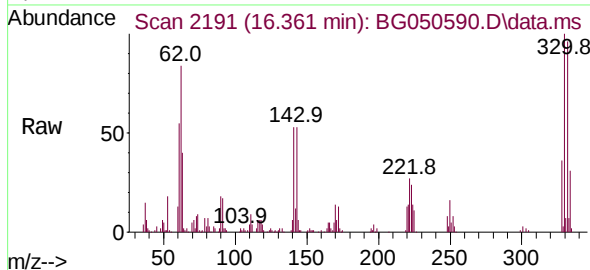
Abundance Scan 2191 (16.360 min): BG050465.D\data.ms (-2191) (-)



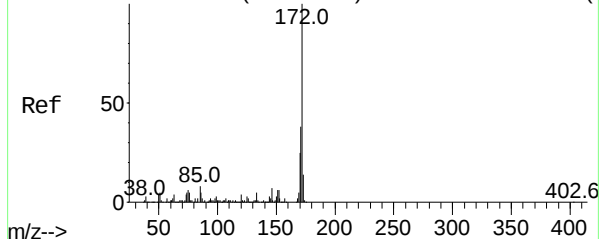
2,4,6-Tribromophenol
Concen: 133.340 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

Instrument :
BNA_G
ClientSampleId :
PB139823BL

Tgt Ion:	330	Resp:	158226
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	54.6	35.6	53.4#

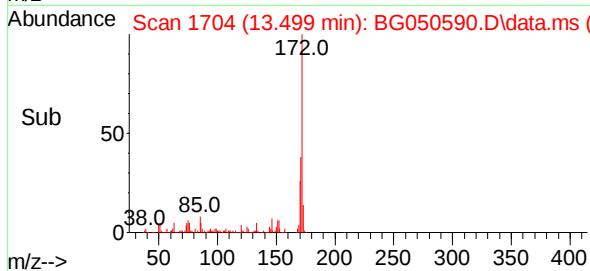
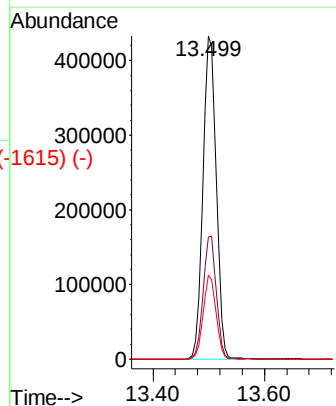
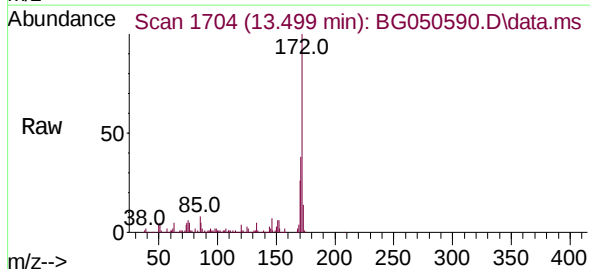


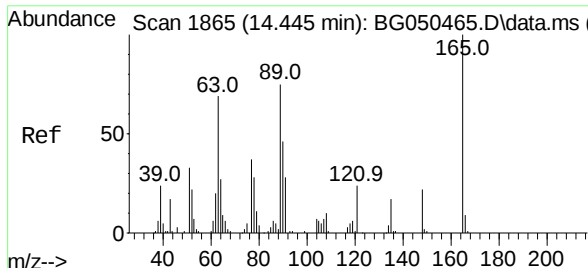
Abundance Scan 1705 (13.504 min): BG050465.D\data.ms (-1705) (-)



2-Fluorobiphenyl
Concen: 86.858 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

Tgt Ion:	172	Resp:	717981
Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.6	43.0
170	25.9	18.6	27.8

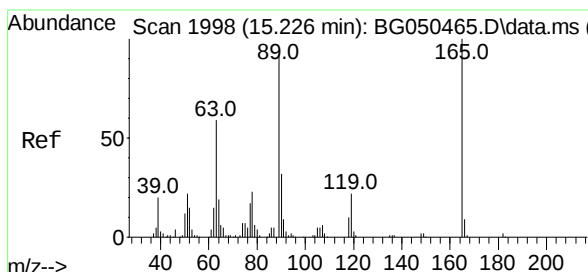
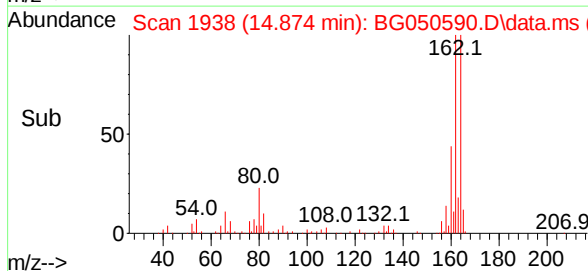
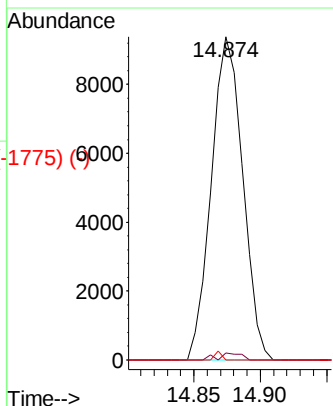
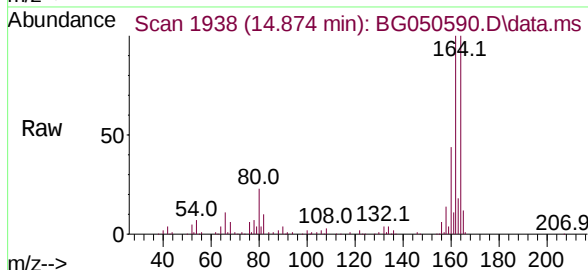




2,6-Dinitrotoluene
 Concen: 8.167 ng
 RT: 14.874 min Scan# 1938
 Delta R.T. 0.429 min
 Lab File: BG050590.D
 Acq: 14 Oct 2021 16:12

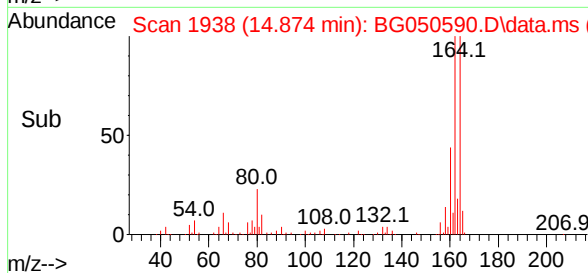
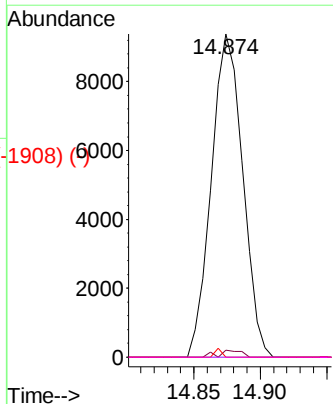
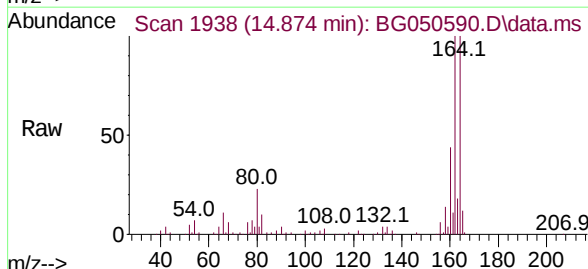
Instrument :
 BNA_G
 ClientSampleId :
 PB139823BL

Tgt Ion:	165	Resp:	15383
Ion	Ratio	Lower	Upper
165	100		
63	2.1	63.3	94.9#
89	0.0	63.4	95.0#

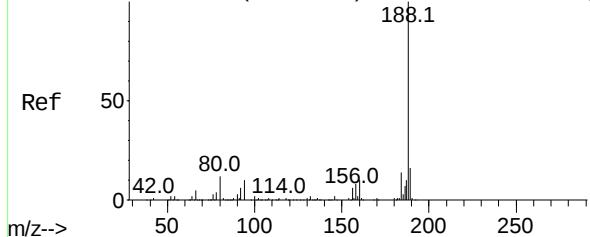


2,4-Dinitrotoluene
 Concen: 5.794 ng
 RT: 14.874 min Scan# 1938
 Delta R.T. -0.352 min
 Lab File: BG050590.D
 Acq: 14 Oct 2021 16:12

Tgt Ion:	165	Resp:	15383
Ion	Ratio	Lower	Upper
165	100		
63	2.1	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



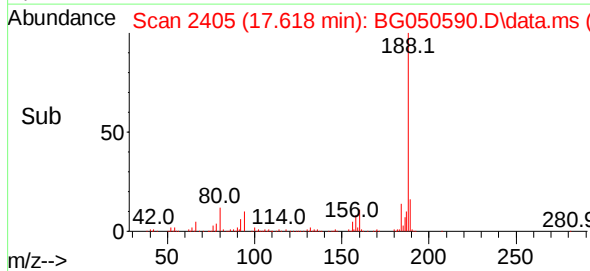
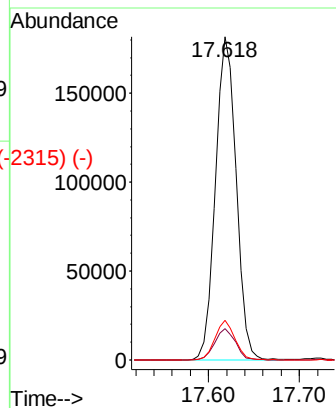
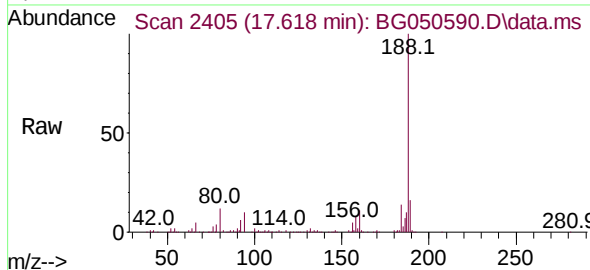
Abundance Scan 2406 (17.623 min): BG050465.D\data.ms (-2364) (-)



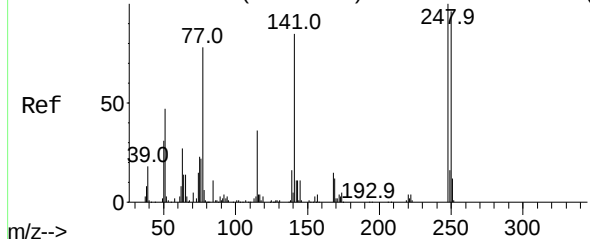
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

Instrument :
BNA_G
ClientSampleId :
PB139823BL

Tgt Ion:188 Resp: 286974
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 12.4 3.7 5.5#

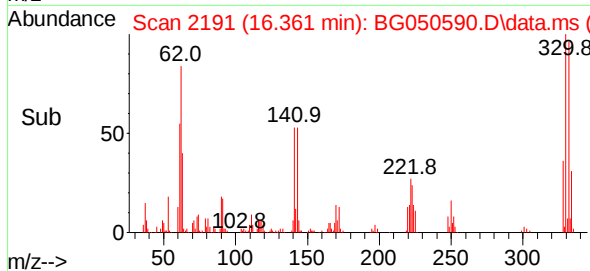
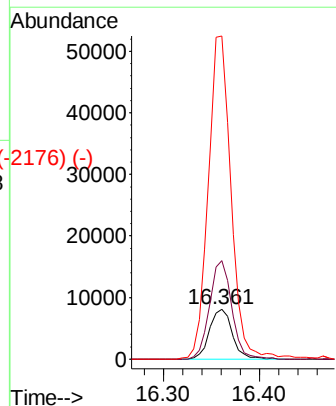
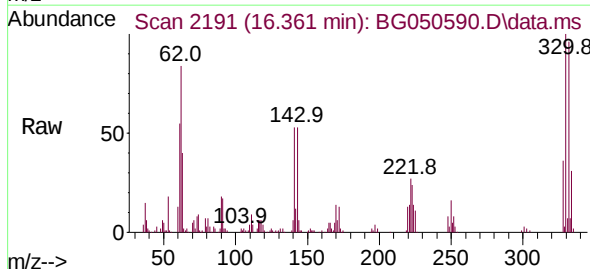


Abundance Scan 2266 (16.801 min): BG050465.D\data.ms (-2367) (-)



4-Bromophenyl-phenylether
Concen: 4.573 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.441 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

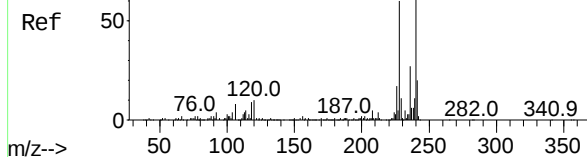
Tgt Ion:248 Resp: 13225
Ion Ratio Lower Upper
248 100
250 196.2 76.1 114.1#
141 645.0 65.4 98.2#



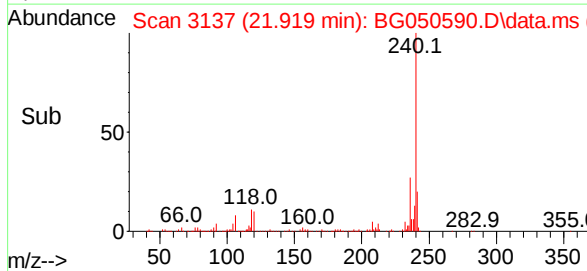
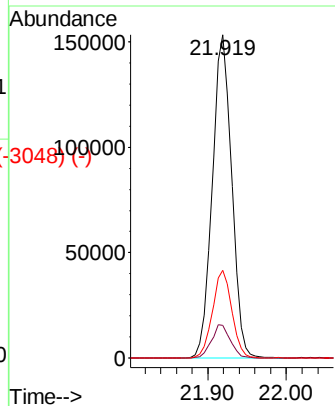
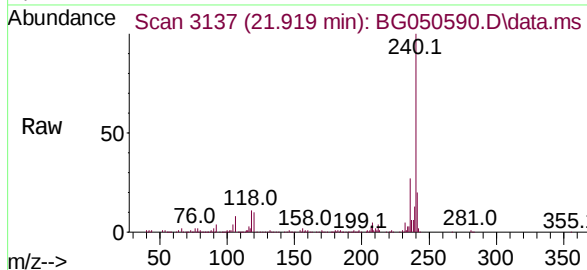
Abundance Scan 3137 (21.918 min): BG050465.D\data.ms (-3179) (-)

Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

Instrument :
BNA_G
ClientSampleId :
PB139823BL

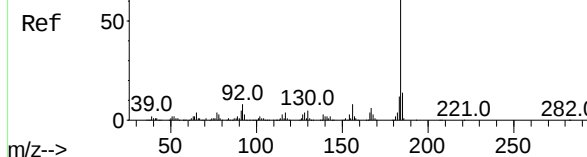


Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.2	6.2#
236	27.1	21.8	32.6

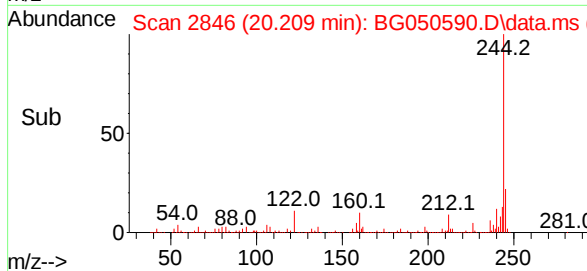
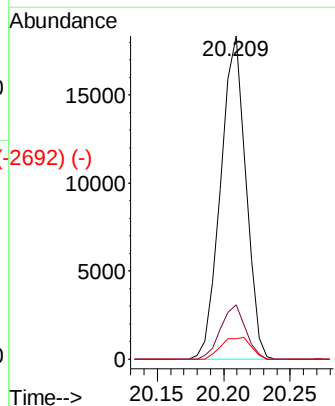
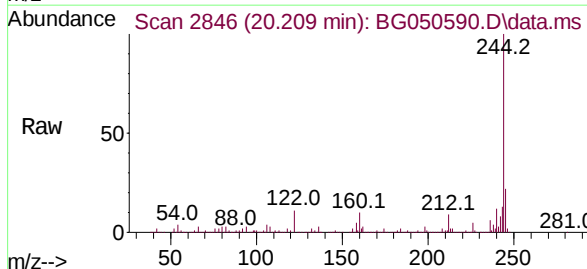


Abundance Scan 2782 (19.832 min): BG050465.D\data.ms (-2775) (-)

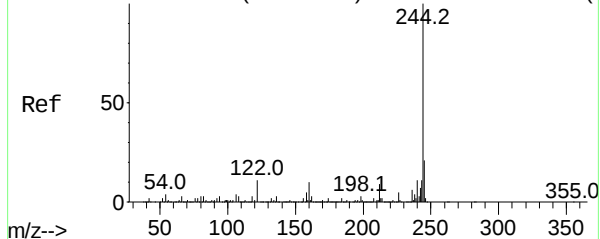
Benzidine
Concen: 2.852 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12



Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.9	10.7	16.1#
183	6.3	9.4	14.0#



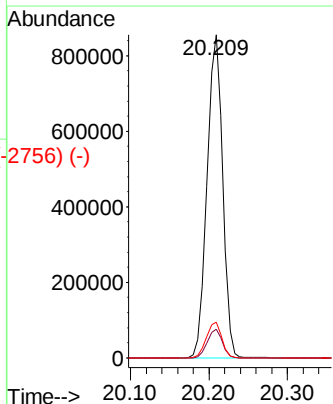
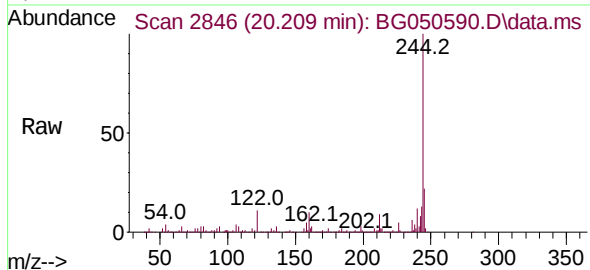
Abundance Scan 2846 (20.208 min): BG050465.D\data.ms (-2756) (-)



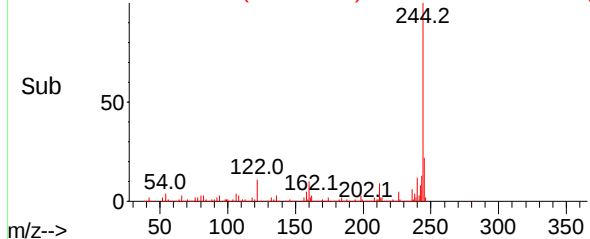
Terphenyl-d14
Concen: 87.645 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

Instrument :
BNA_G
ClientSampleId :
PB139823BL

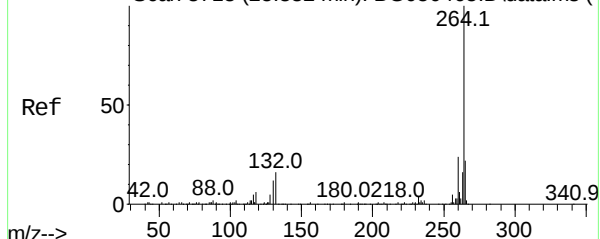
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	11.1	5.0	7.6#



Abundance Scan 2846 (20.209 min): BG050590.D\data.ms (-2756) (-)

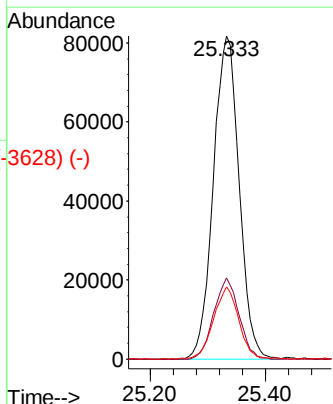
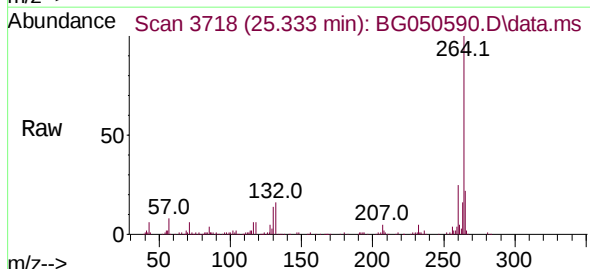


Abundance Scan 3718 (25.332 min): BG050465.D\data.ms (-3706) (-)



Perylene-d12
Concen: 20.000 ng
RT: 25.333 min Scan# 3718
Delta R.T. 0.000 min
Lab File: BG050590.D
Acq: 14 Oct 2021 16:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	22.4	16.9	25.3



Abundance Scan 3718 (25.333 min): BG050590.D\data.ms (-3628) (-)

