

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101821\
 Data File : BG050618.D
 Acq On : 18 Oct 2021 15:26
 Operator : CG/JU
 Sample : M4249-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1-(D)

Quant Time: Oct 18 16:11:07 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)

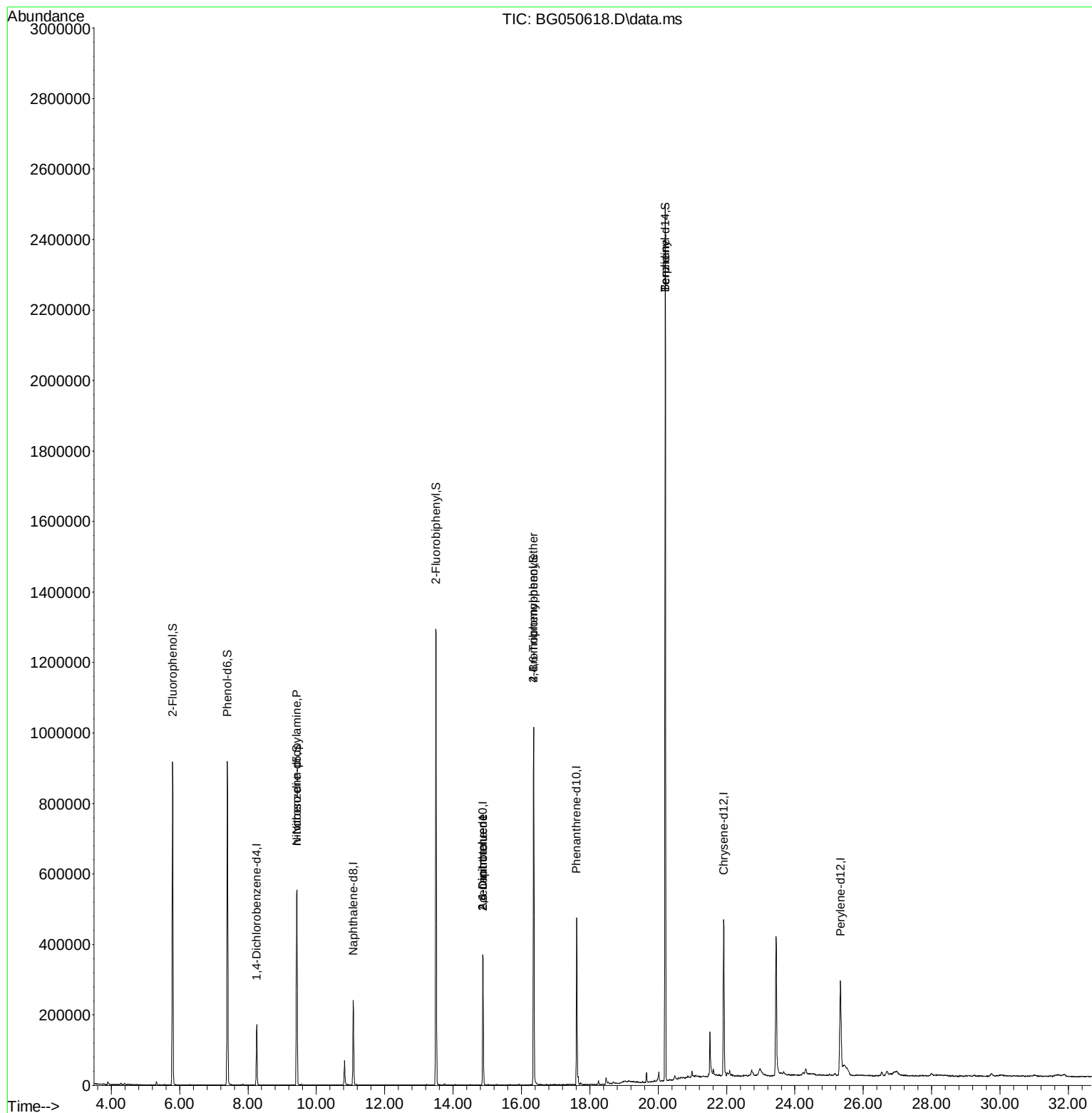
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	45378	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	195828	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	131515	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	295789	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	266071	20.000	ng	# 0.00
86) Perylene-d12	25.329	264	257579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	379359	125.026	ng	0.00
7) Phenol-d6	7.397	99	510635	116.237	ng	0.00
23) Nitrobenzene-d5	9.430	82	364883	77.132	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	148415	118.313	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	652290	74.647	ng	0.00
79) Terphenyl-d14	20.206	244	1066313	78.102	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.397	77	892	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.430	70	51521	16.091	ng	# 69
51) 2,6-Dinitrotoluene	14.871	165	16472	8.273	ng	# 12
57) 2,4-Dinitrotoluene	14.871	165	16472	5.869	ng	# 18
67) 4-Bromophenyl-phenylether	16.357	248	11946	4.008	ng	# 1
77) Benzidine	20.206	184	21264	2.466	ng	# 95

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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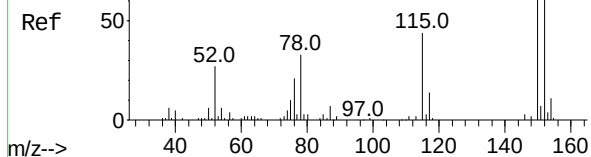
Quant Time: Oct 18 16:11:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration



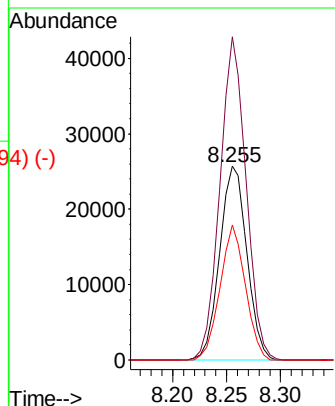
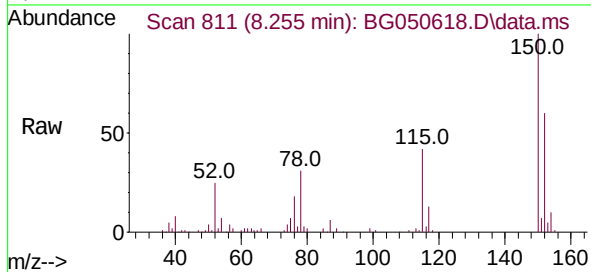
Abundance Scan 813 (8.264 min): BG050465.D\data.ms (-805#4)

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

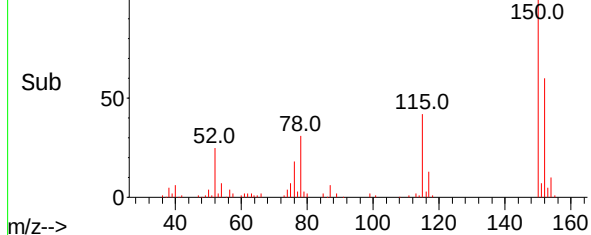
Instrument :
BNA_G
ClientSampleID :
TP1-(D)



Tgt Ion:	152	Resp:	45378
Ion	Ratio	Lower	Upper
152	100		
150	166.8	119.4	179.0
115	69.7	60.2	90.4



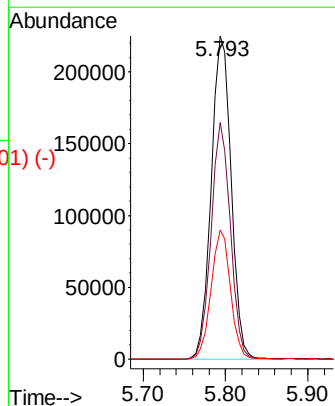
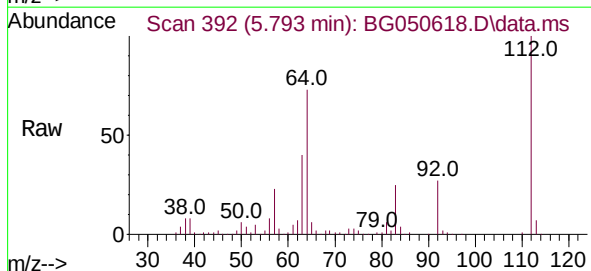
Abundance Scan 811 (8.255 min): BG050618.D\data.ms (-794) (-)



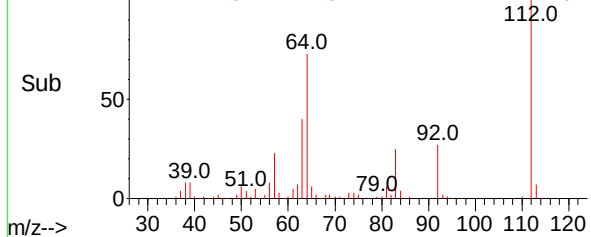
Abundance Scan 392 (5.790 min): BG050465.D\data.ms (-384#5)

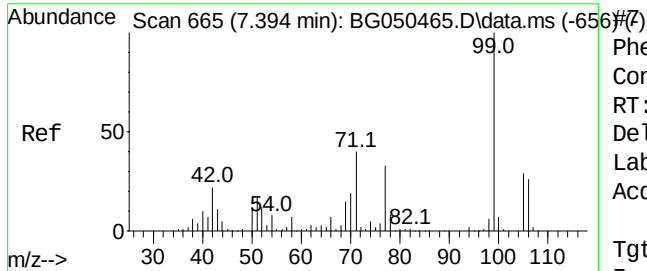
2-Fluorophenol
Concen: 125.026 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Tgt Ion:	112	Resp:	379359
Ion	Ratio	Lower	Upper
112	100		
64	73.2	46.7	70.1#
63	39.9	35.3	52.9



Abundance Scan 392 (5.793 min): BG050618.D\data.ms (-301) (-)

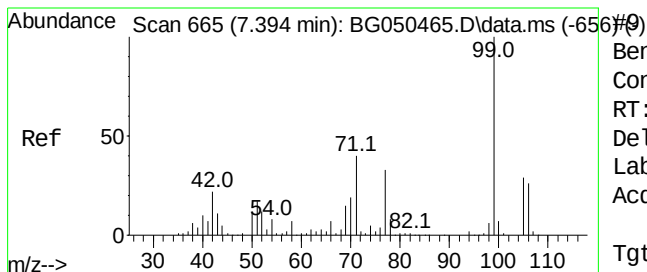
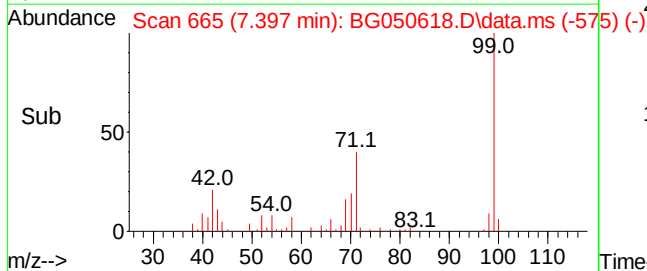
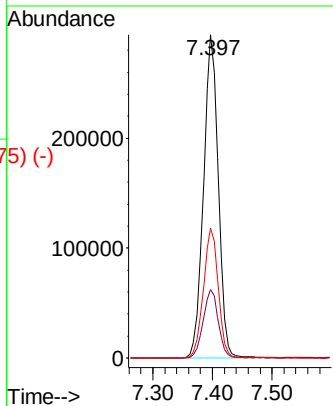
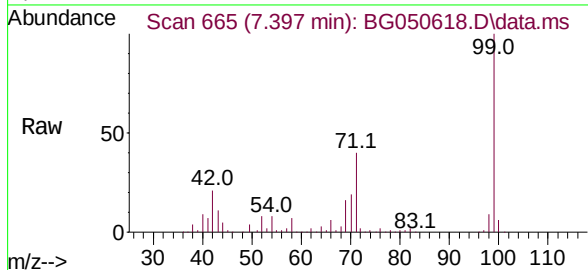




Phenol-d6
 Concen: 116.237 ng
 RT: 7.397 min Scan# 665
 Delta R.T. -0.003 min
 Lab File: BG050618.D
 Acq: 18 Oct 2021 15:26

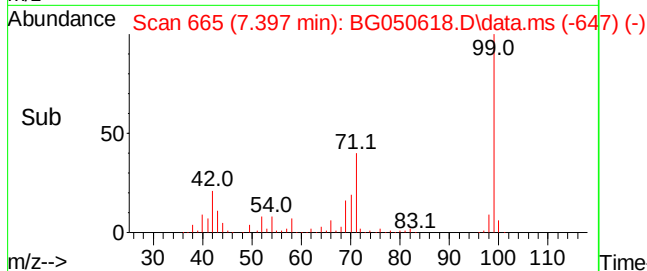
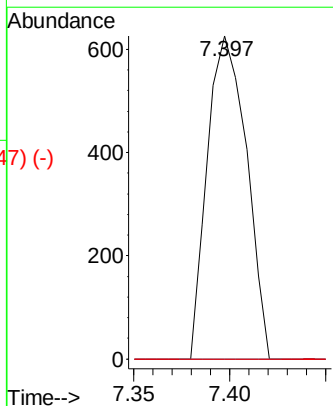
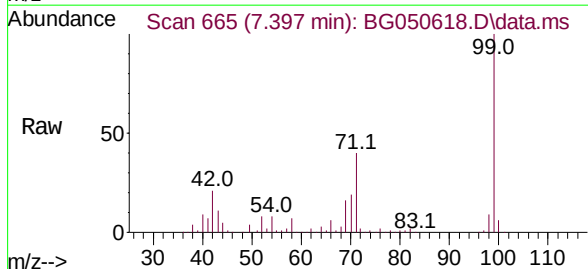
Instrument :
 BNA_G
 ClientSampleID :
 TP1-(D)

Tgt Ion	Ratio	Lower	Upper
99	100		
42	21.3	20.5	30.7
71	40.2	41.5	62.3#

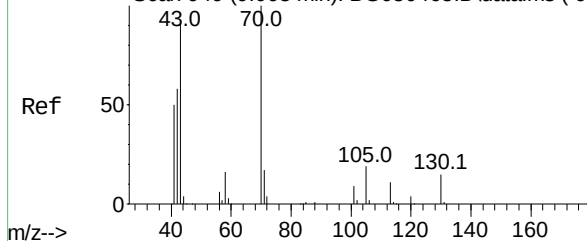


Benzaldehyde
 Concen: Below Cal
 RT: 7.397 min Scan# 665
 Delta R.T. 0.008 min
 Lab File: BG050618.D
 Acq: 18 Oct 2021 15:26

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



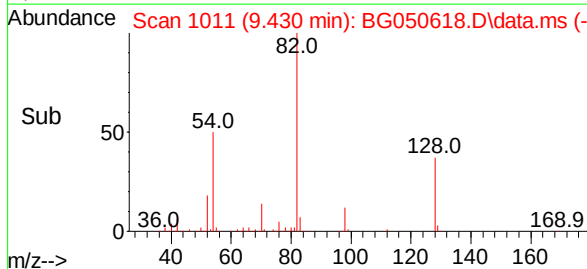
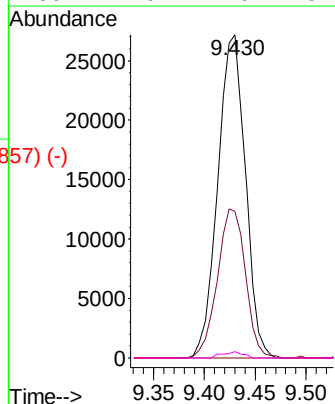
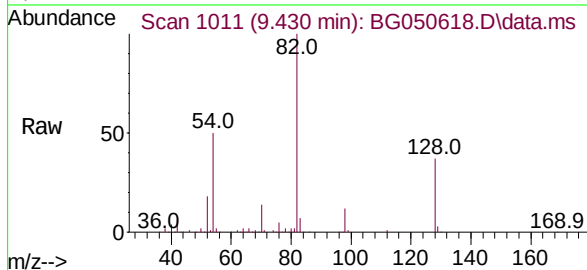
Abundance Scan 949 (9.063 min): BG050465.D\data.ms (-941#19)



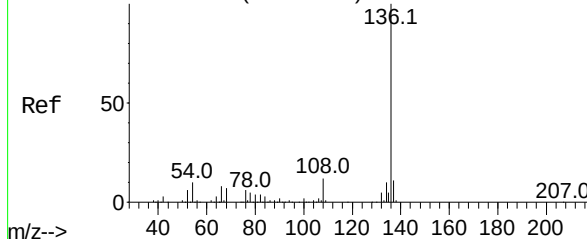
n-Nitroso-di-n-propylamine
Concen: 16.091 ng
RT: 9.430 min Scan# 1011
Delta R.T. 0.373 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Instrument :
BNA_G
ClientSampleID :
TP1-(D)

Tgt Ion:	70	Resp:	51521
Ion	Ratio	Lower	Upper
70	100		
42	45.4	54.5	81.7#
101	0.0	9.0	13.6#
130	2.0	17.0	25.6#

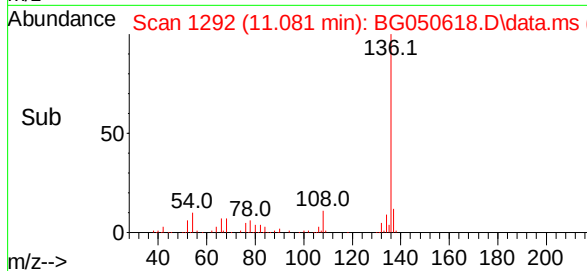
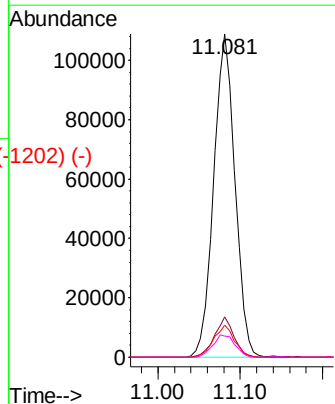
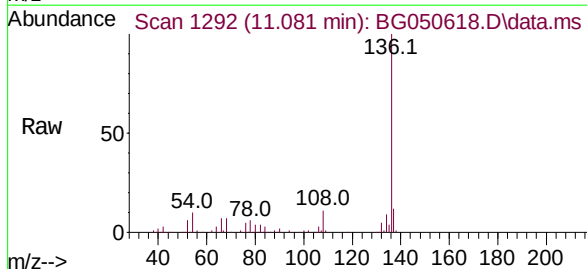


Abundance Scan 1294 (11.090 min): BG050465.D\data.ms (-1281#21)

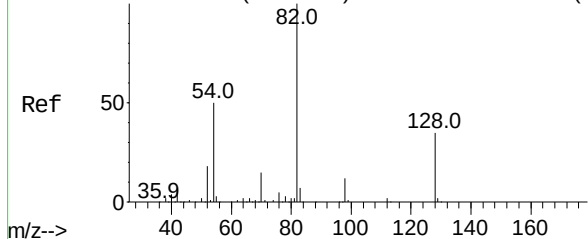


Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 1292
Delta R.T. -0.003 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Tgt Ion:	136	Resp:	195828
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.2	12.2#
54	9.8	5.5	8.3#
68	6.6	2.3	3.5#



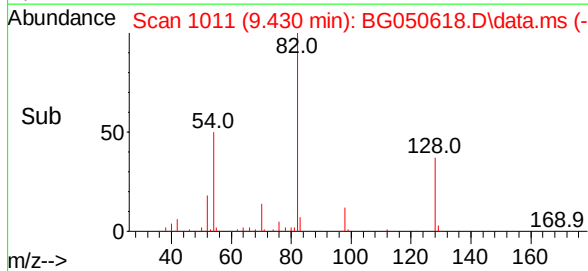
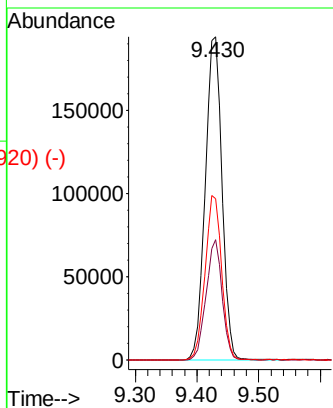
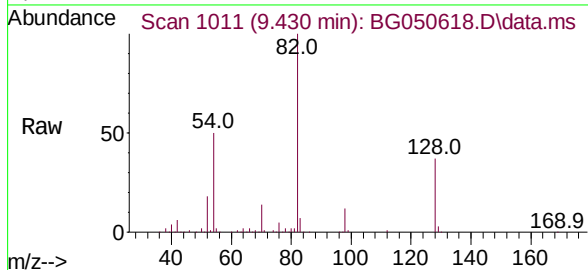
Abundance Scan 1012 (9.433 min): BG050465.D\data.ms (-10623)



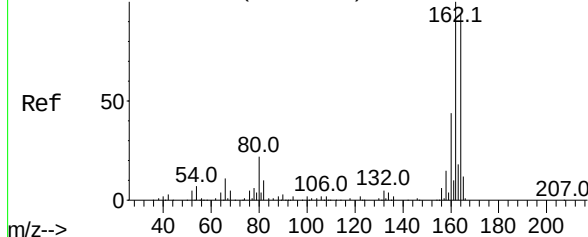
Nitrobenzene-d5
Concen: 77.132 ng
RT: 9.430 min Scan# 1011
Delta R.T. 0.003 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Instrument :
BNA_G
ClientSampleId :
TP1-(D)

Tgt Ion:	82	Resp:	364883
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.8	44.6
54	50.0	45.8	68.8

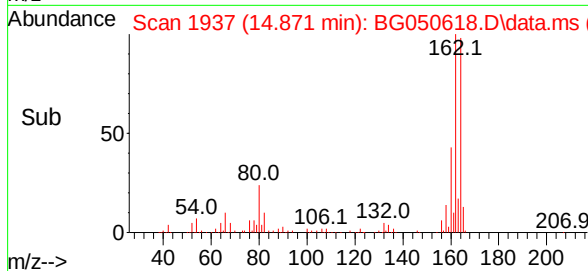
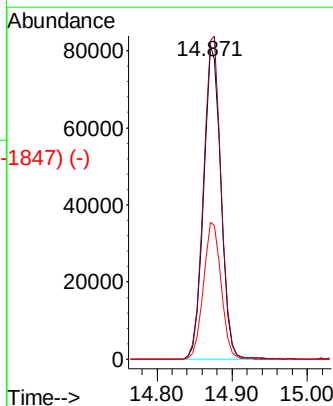
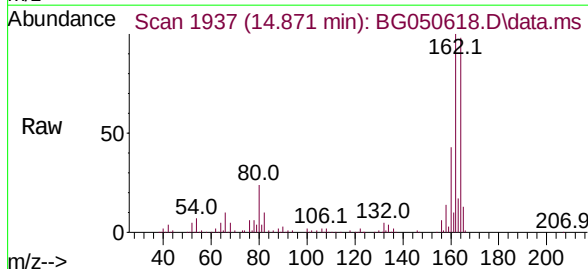


Abundance Scan 1939 (14.879 min): BG050465.D\data.ms (-1939)

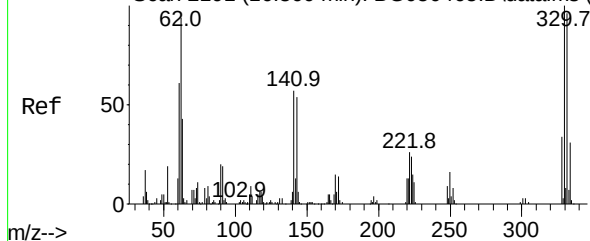


Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Tgt Ion:	164	Resp:	131515
Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	43.7	34.9	52.3



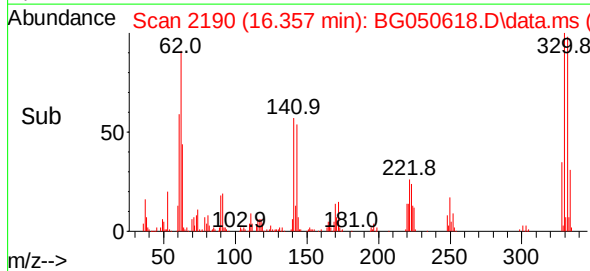
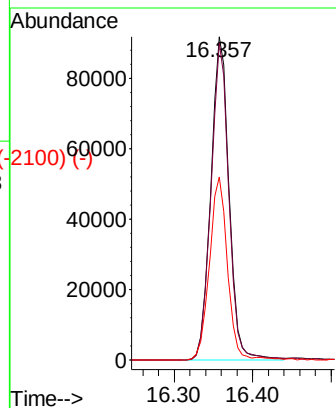
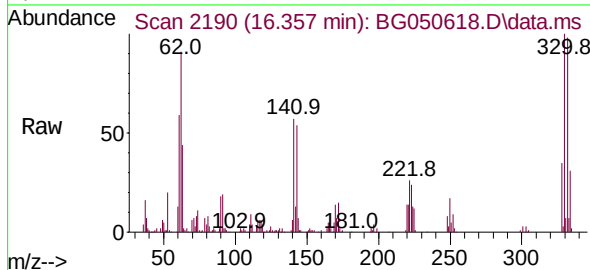
Abundance Scan 2191 (16.360 min): BG050465.D\data.ms (-2191) (-)



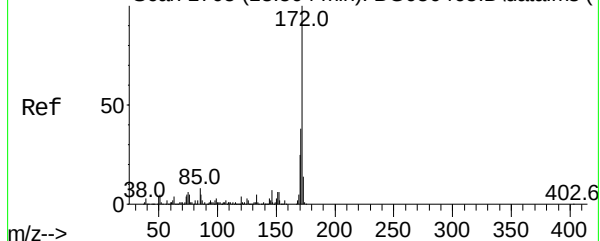
2,4,6-Tribromophenol
Concen: 118.313 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Instrument :
BNA_G
ClientSampleID :
TP1-(D)

Tgt Ion:	330	Resp:	148415
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	56.1	35.6	53.4#

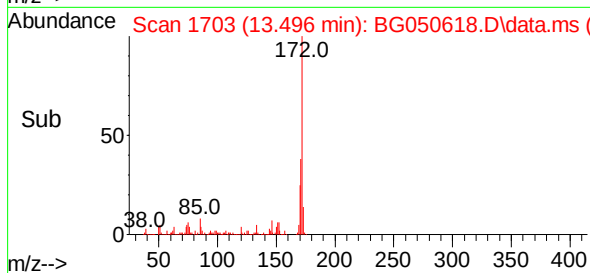
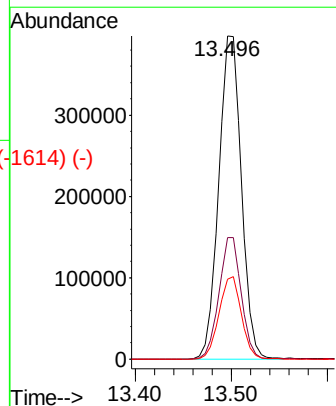
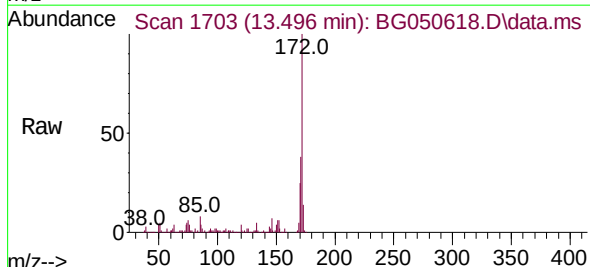


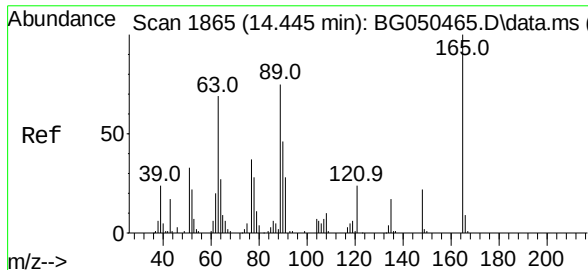
Abundance Scan 1705 (13.504 min): BG050465.D\data.ms (-1705) (-)



2-Fluorobiphenyl
Concen: 74.647 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Tgt Ion:	172	Resp:	652290
Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	43.0
170	24.8	18.6	27.8

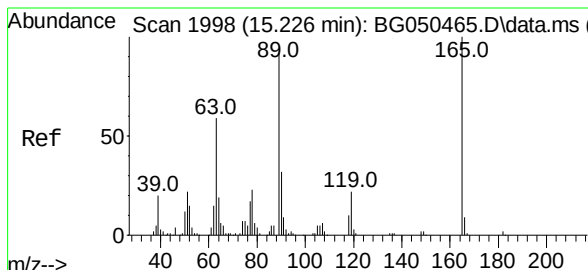
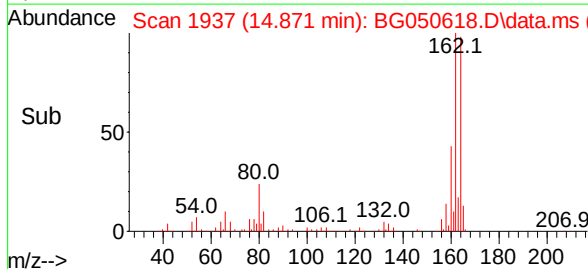
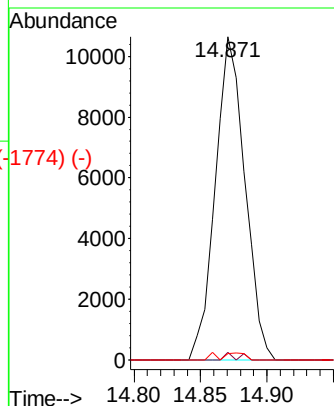
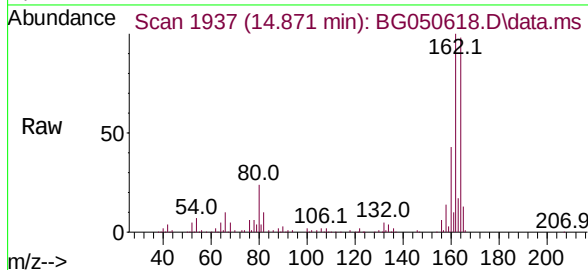




2,6-Dinitrotoluene
Concen: 8.273 ng
RT: 14.871 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

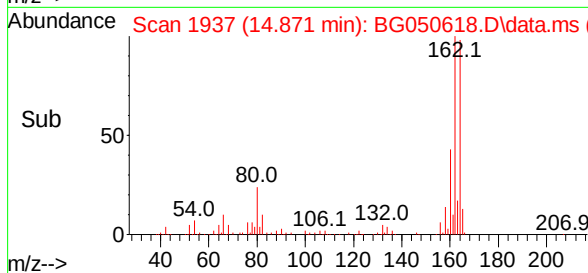
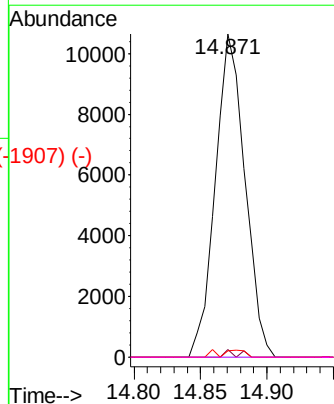
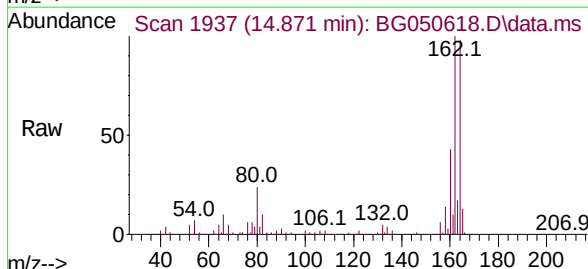
Instrument :
BNA_G
ClientSampleID :
TP1-(D)

Tgt Ion:	165	Resp:	16472
Ion	Ratio	Lower	Upper
165	100		
63	2.4	63.3	94.9#
89	2.0	63.4	95.0#



2,4-Dinitrotoluene
Concen: 5.869 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

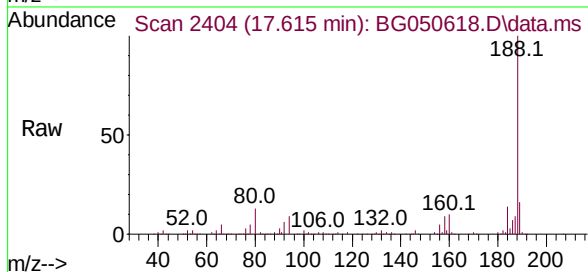
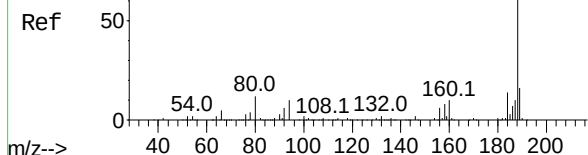
Tgt Ion:	165	Resp:	16472
Ion	Ratio	Lower	Upper
165	100		
63	2.4	48.0	72.0#
89	2.0	65.4	98.0#
182	0.0	2.0	3.0#



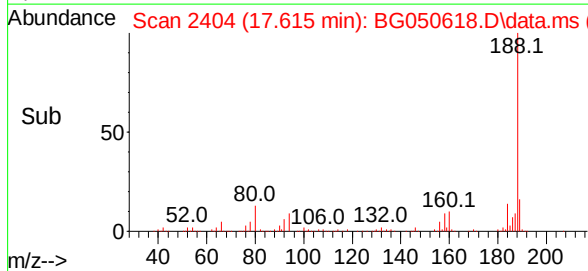
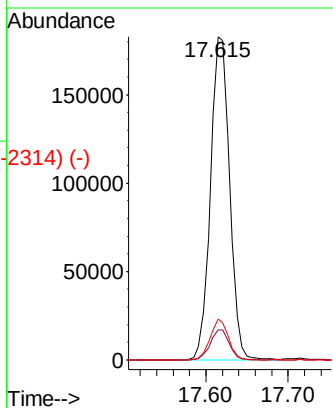
Abundance Scan 2406 (17.623 min): BG050465.D\data.ms (-2364) (-)

Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Instrument :
BNA_G
ClientSampled :
TP1-(D)

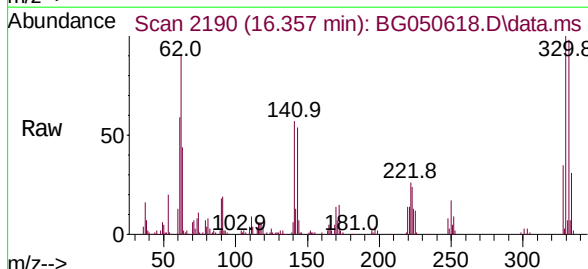
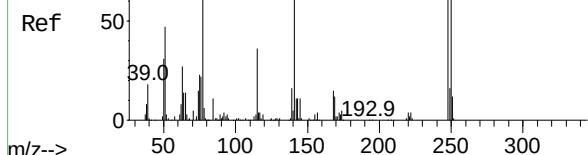


Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.4	8.0#
80	12.6	3.7	5.5#

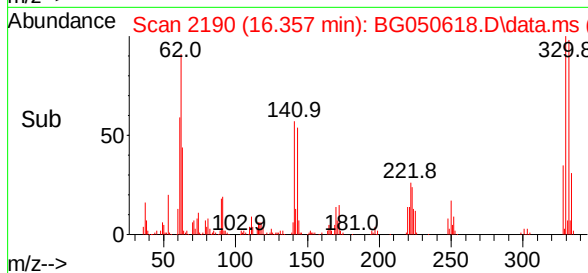
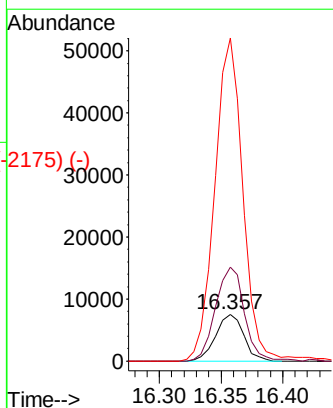


Abundance Scan 2266 (16.801 min): BG050465.D\data.ms (-2367) (-)

4-Bromophenyl-phenylether
Concen: 4.008 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.444 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26



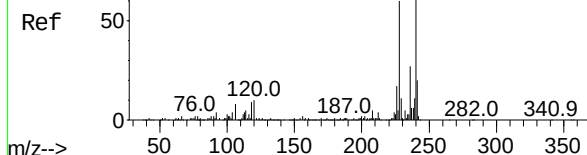
Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.1	114.1#
141	690.5	65.4	98.2#



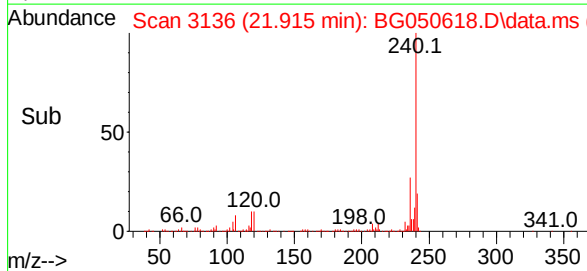
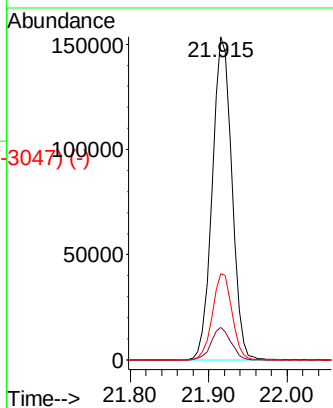
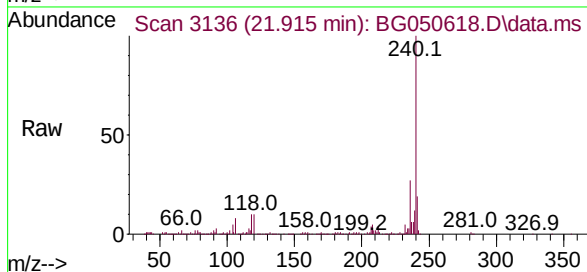
Abundance Scan 3137 (21.918 min): BG050465.D\data.ms (-3179) (-)

Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26

Instrument :
BNA_G
ClientSampleId :
TP1-(D)

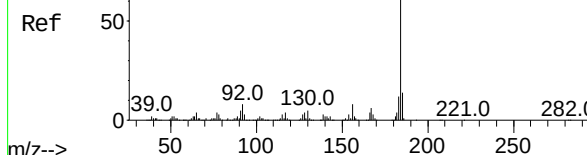


Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	4.2	6.2#
236	26.6	21.8	32.6

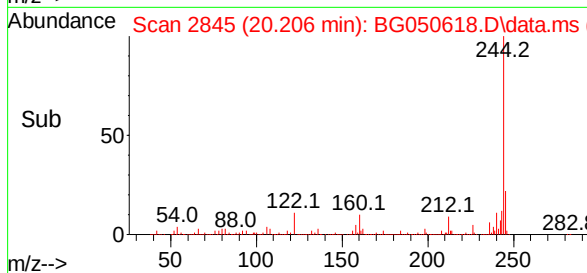
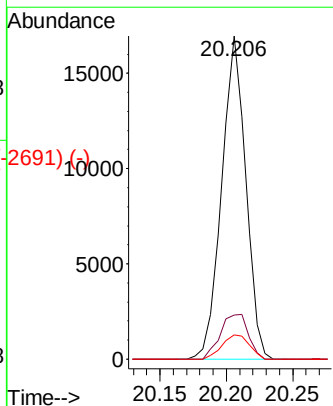
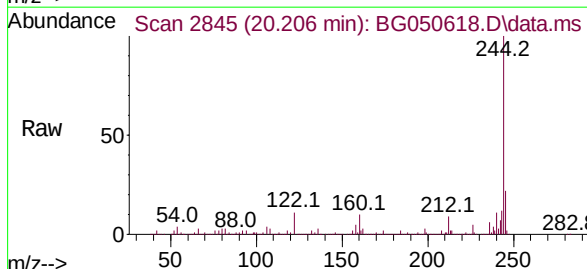


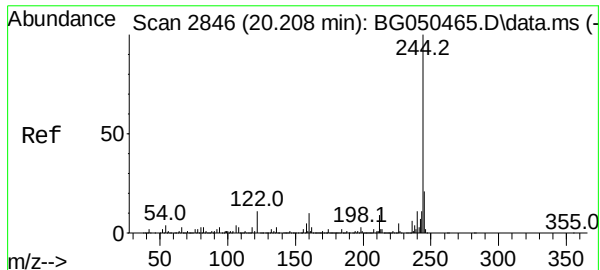
Abundance Scan 2782 (19.832 min): BG050465.D\data.ms (-2775) (-)

Benzidine
Concen: 2.466 ng
RT: 20.206 min Scan# 2845
Delta R.T. 0.373 min
Lab File: BG050618.D
Acq: 18 Oct 2021 15:26



Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	10.7	16.1
183	7.5	9.4	14.0#

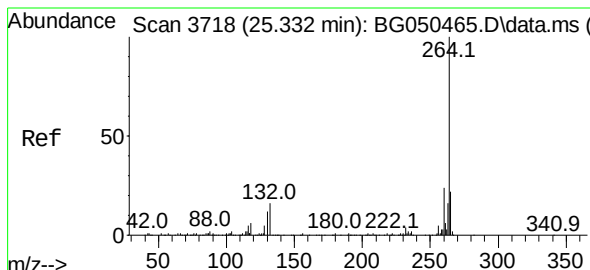
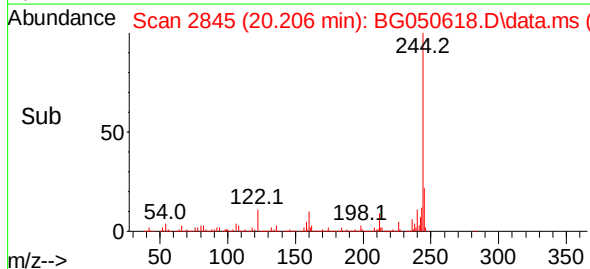
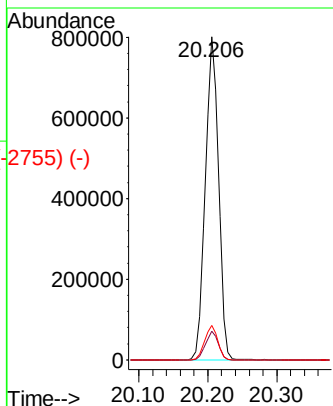
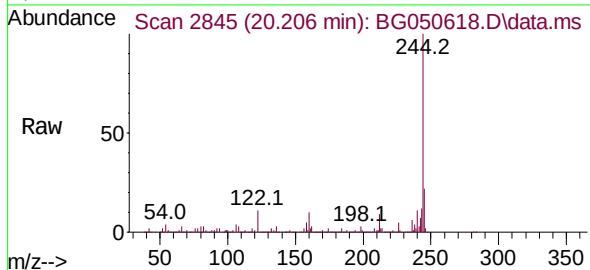




Terphenyl-d14
 Concen: 78.102 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BG050618.D
 Acq: 18 Oct 2021 15:26

Instrument :
 BNA_G
 ClientSampleId :
 TP1-(D)

Tgt Ion:	244	Resp:	1066313
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	10.7	5.0	7.6#



Perylene-d12
 Concen: 20.000 ng
 RT: 25.329 min Scan# 3717
 Delta R.T. -0.003 min
 Lab File: BG050618.D
 Acq: 18 Oct 2021 15:26

Tgt Ion:	264	Resp:	257579
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	16.9	25.3

