

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051158.D
 Acq On : 20 Nov 2021 22:01
 Operator : CG/JU
 Sample : M4758-35
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP18

Quant Time: Nov 22 01:27:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

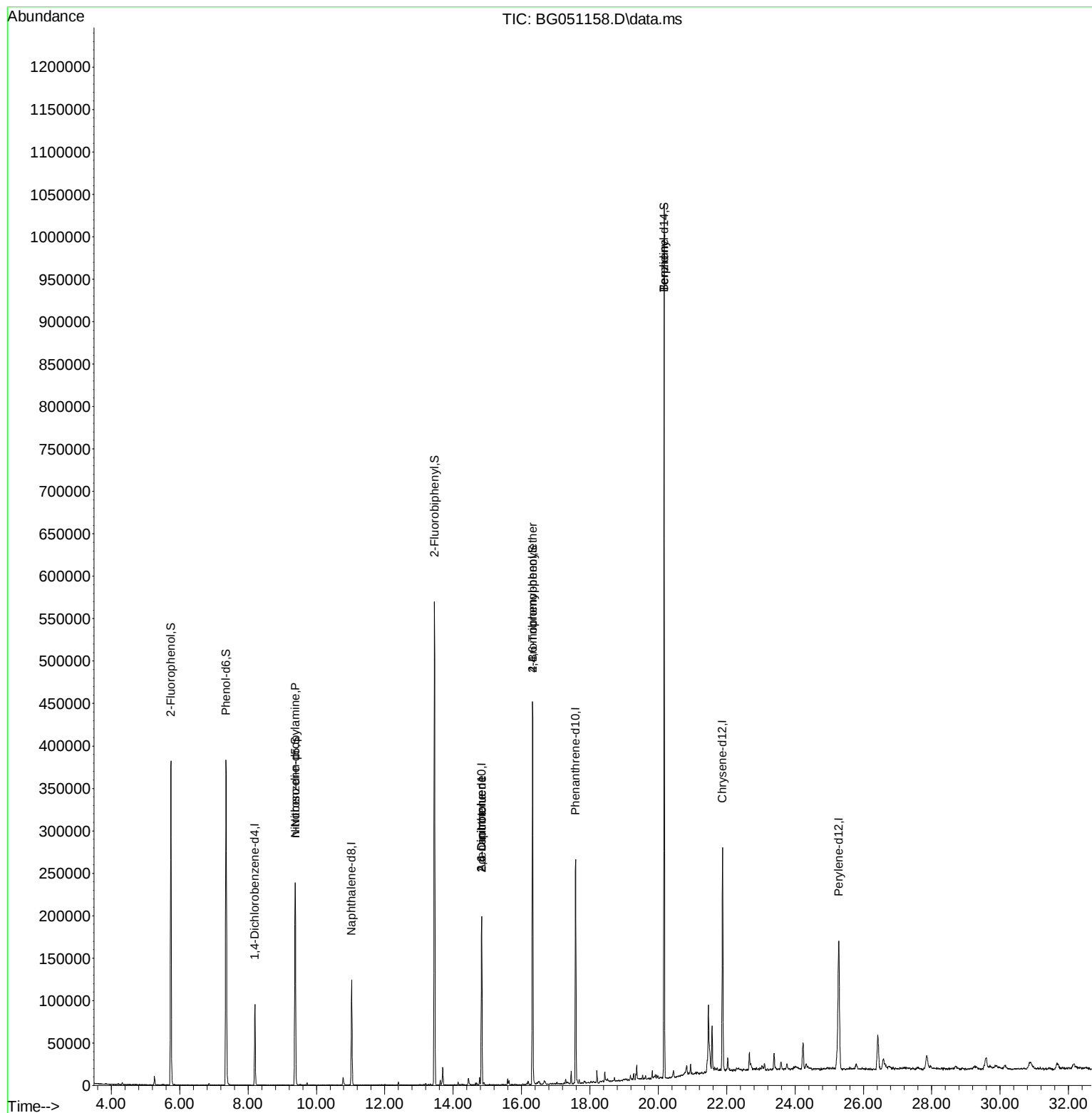
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	27289	20.00	ng	#-0.01
21) Naphthalene-d8	11.033	136	109884	20.00	ng	# 0.00
39) Acenaphthene-d10	14.834	164	70913	20.00	ng	0.00
64) Phenanthrene-d10	17.584	188	165687	20.00	ng	# 0.00
76) Chrysene-d12	21.879	240	170336	20.00	ng	# 0.00
86) Perylene-d12	25.281	264	165937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	170987	96.86	ng	0.00
7) Phenol-d6	7.354	99	225987	90.89	ng	-0.01
23) Nitrobenzene-d5	9.382	82	162892	67.67	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	75950	100.77	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	294183	62.60	ng	0.00
79) Terphenyl-d14	20.175	244	498332	53.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.382	70	22549	12.29	ng	# 69
51) 2,6-Dinitrotoluene	14.834	165	9104	7.98	ng	# 10
57) 2,4-Dinitrotoluene	14.834	165	9104	5.57	ng	# 15
67) 4-Bromophenyl-phenylether	16.326	248	5788	3.23	ng	# 1
77) Benzidine	20.169	184	8449	3.02	ng	96

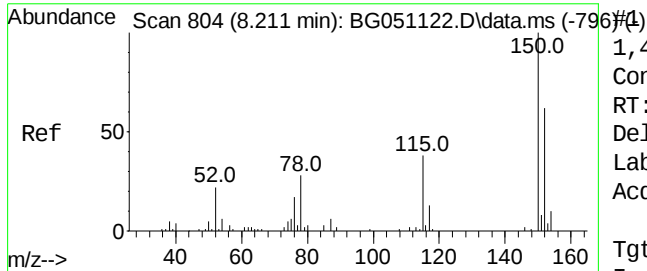
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration

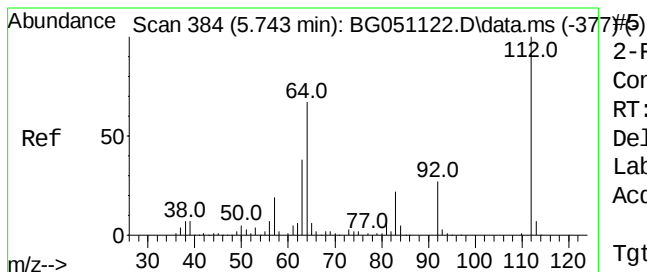
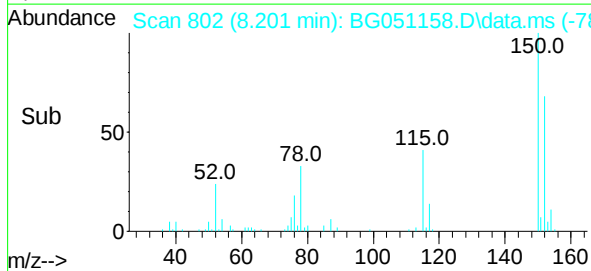
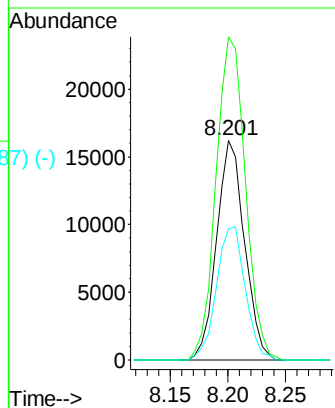
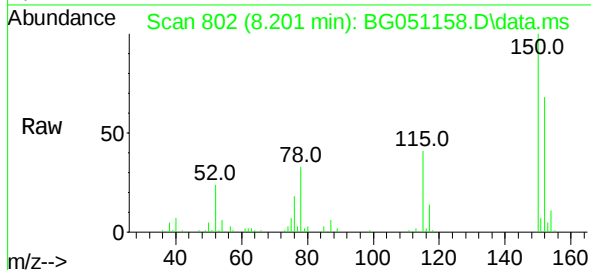




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.201 min Scan# 8
 Delta R.T. -0.010 min
 Lab File: BG051158.D
 Acq: 20 Nov 2021 22:01

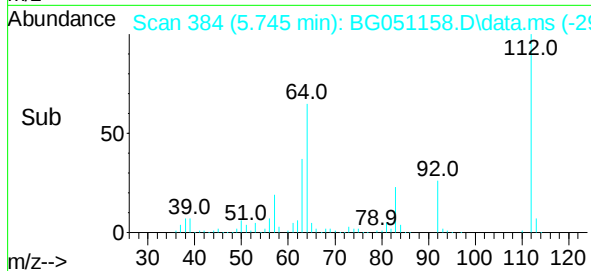
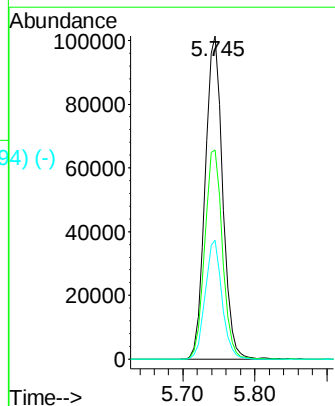
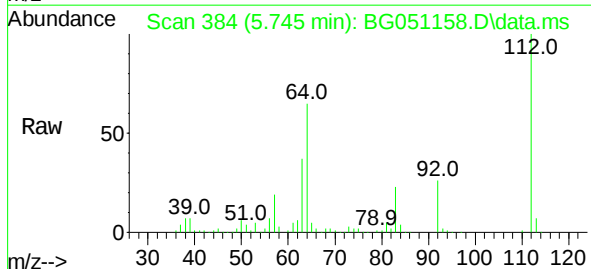
Instrument :
 BNA_G
 ClientSampleId :
 TP18

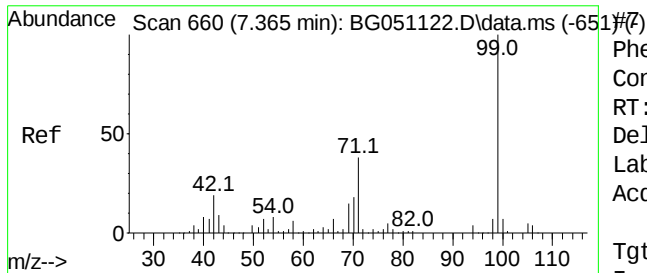
Tgt Ion:152 Resp: 27289
 Ion Ratio Lower Upper
 152 100
 150 147.1 119.4 179.0
 115 59.8 60.2 90.4#



2-Fluorophenol
 Concen: 96.86 ng
 RT: 5.745 min Scan# 384
 Delta R.T. 0.001 min
 Lab File: BG051158.D
 Acq: 20 Nov 2021 22:01

Tgt Ion:112 Resp: 170987
 Ion Ratio Lower Upper
 112 100
 64 64.8 46.7 70.1
 63 36.7 35.3 52.9

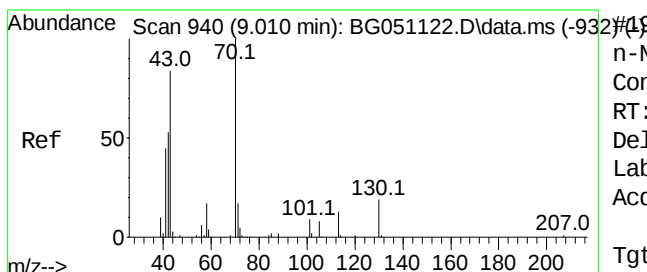
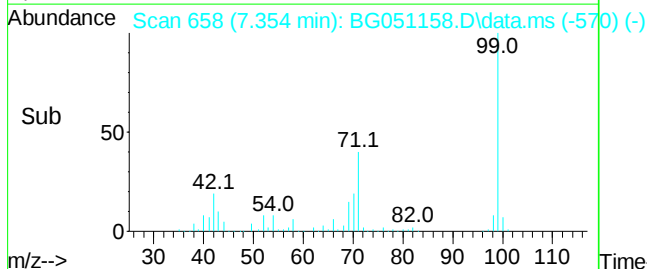
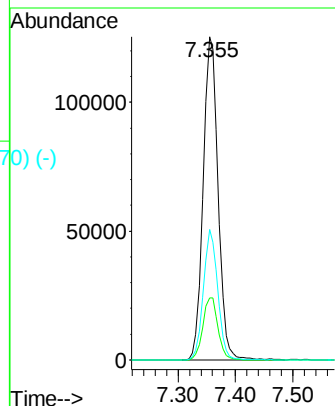
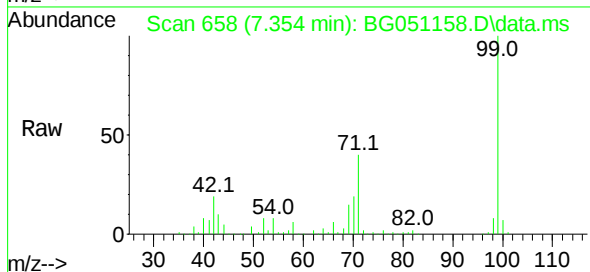




Phenol-d6
 Concen: 90.89 ng
 RT: 7.354 min Scan# 1
 Delta R.T. -0.010 min
 Lab File: BG051158.D
 Acq: 20 Nov 2021 22:01

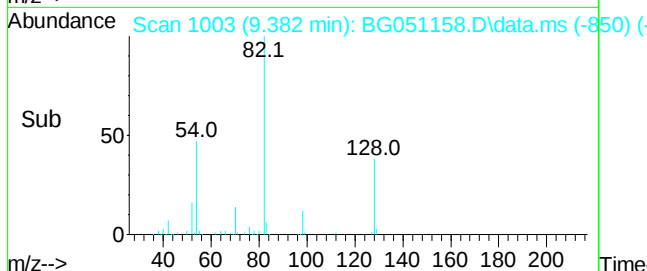
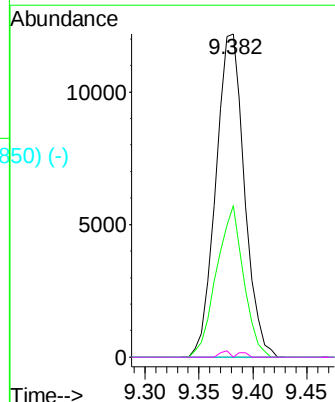
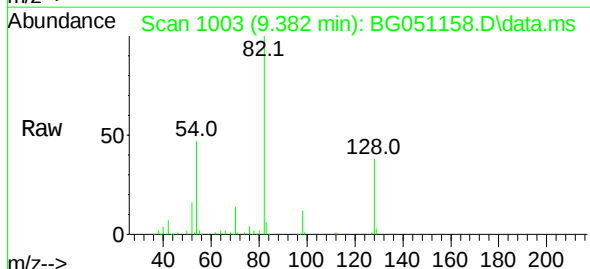
Instrument :
 BNA_G
 ClientSampleId :
 TP18

Tgt Ion:	99	Resp:	225987
Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.5	30.7#
71	40.4	41.5	62.3#



n-Nitroso-di-n-propylamine
 Concen: 12.29 ng
 RT: 9.382 min Scan# 1003
 Delta R.T. 0.372 min
 Lab File: BG051158.D
 Acq: 20 Nov 2021 22:01

Tgt Ion:	70	Resp:	22549
Ion	Ratio	Lower	Upper
70	100		
42	46.8	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#



Abundance Scan 1285 (11.037 min): BG051122.D\data.ms (-1285) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 11.033 min Scan# 1195

Delta R.T. -0.004 min

Lab File: BG051158.D

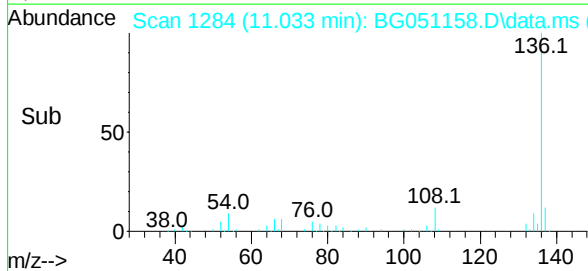
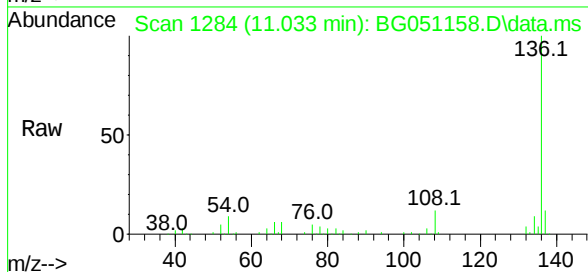
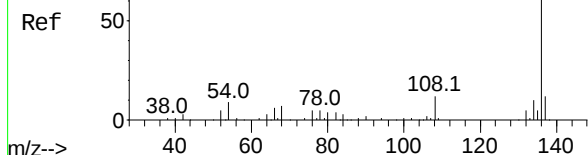
Acq: 20 Nov 2021 22:01

Instrument :

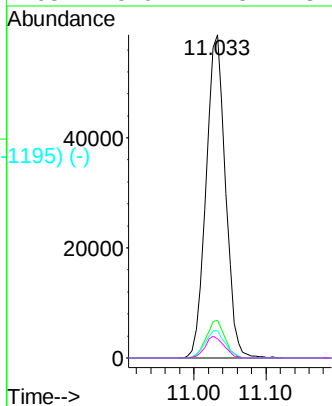
BNA_G

ClientSampleId :

TP18



Tgt Ion:	136	Resp:	109884
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	8.6	5.5	8.3#
68	5.9	2.3	3.5#



Abundance Scan 1004 (9.386 min): BG051122.D\data.ms (-99623)

Nitrobenzene-d5

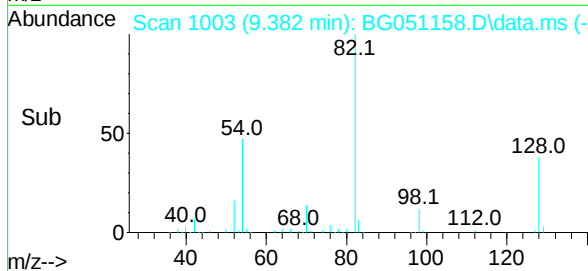
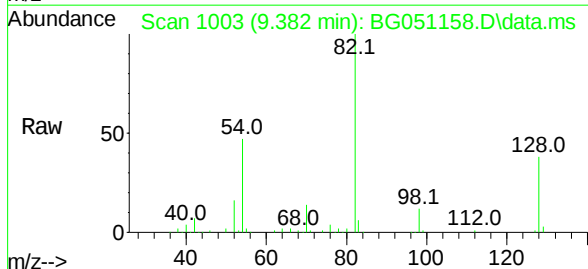
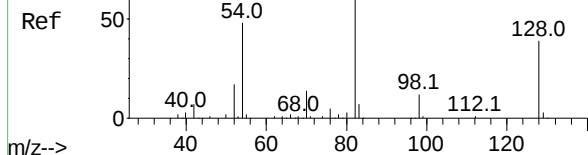
Concen: 67.67 ng

RT: 9.382 min Scan# 1003

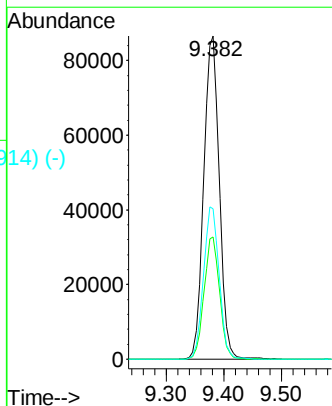
Delta R.T. -0.005 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01



Tgt Ion:	82	Resp:	162892
Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.8	44.6
54	46.6	45.8	68.8



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1929) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.834 min Scan# 1931

Delta R.T. -0.004 min

Lab File: BG051158.D

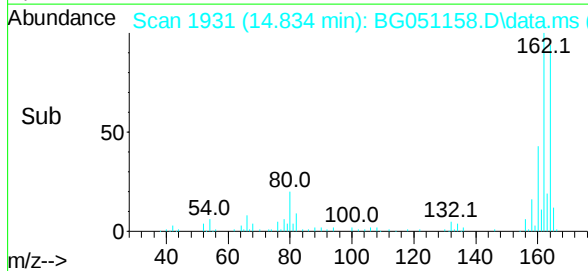
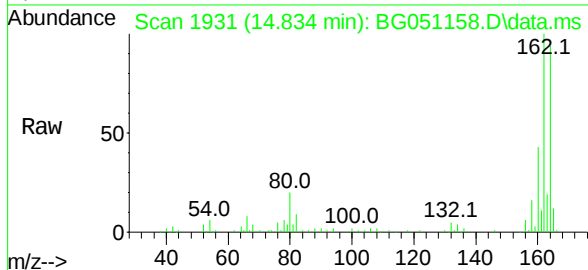
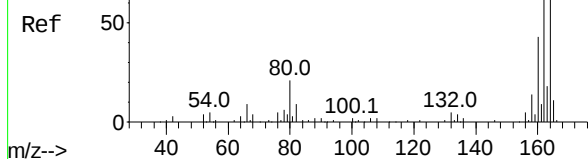
Acq: 20 Nov 2021 22:01

Instrument :

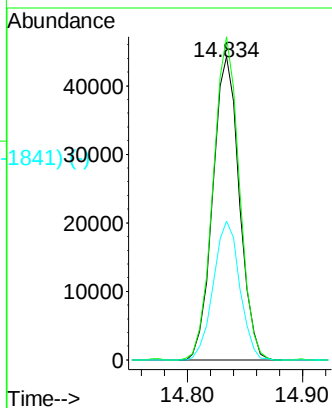
BNA_G

ClientSampleId :

TP18



Tgt Ion:	164	Resp:	70913
Ion Ratio	Lower	Upper	
164	100		
162	106.6	81.4	122.0
160	45.9	34.9	52.3



Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2179) (-)

2,4,6-Tribromophenol

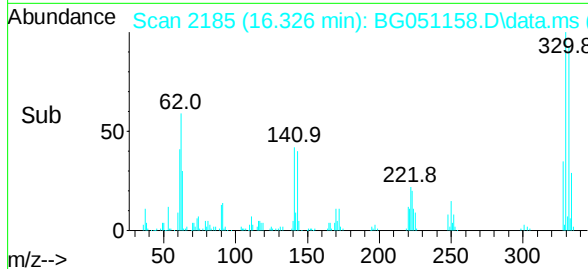
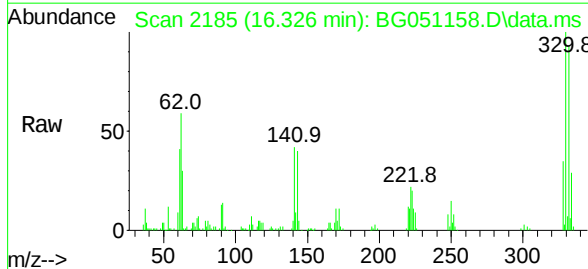
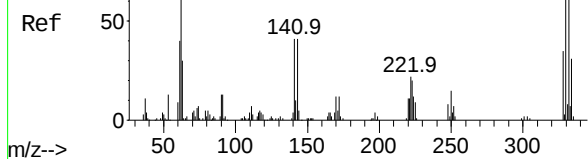
Concen: 100.77 ng

RT: 16.326 min Scan# 2185

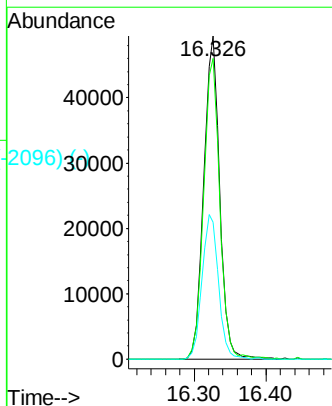
Delta R.T. -0.005 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01



Tgt Ion:	330	Resp:	75950
Ion Ratio	Lower	Upper	
330	100		
332	94.6	77.3	115.9
141	46.0	35.6	53.4



Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1685) (-)

2-Fluorobiphenyl

Concen: 62.60 ng

RT: 13.453 min Scan# 1695

Delta R.T. -0.005 min

Lab File: BG051158.D

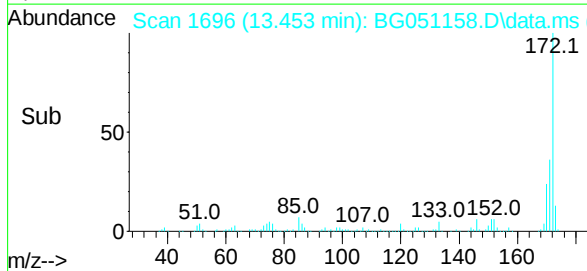
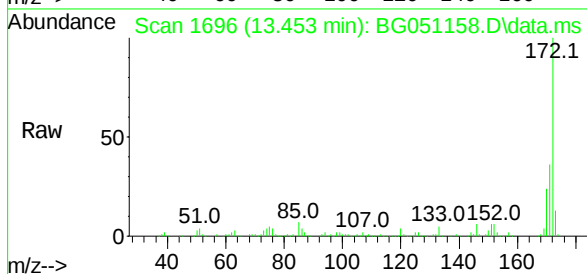
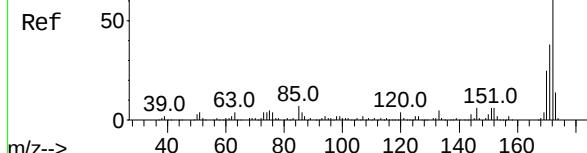
Acq: 20 Nov 2021 22:01

Instrument :

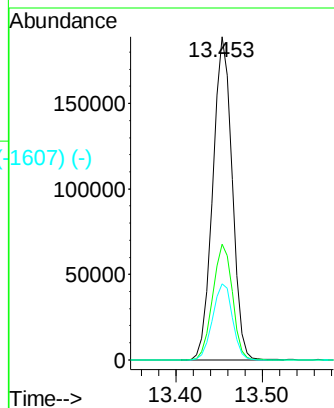
BNA_G

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Tgt Ion:	172	Resp:	294183
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.5	18.6	27.8



Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1651) (-)

2,6-Dinitrotoluene

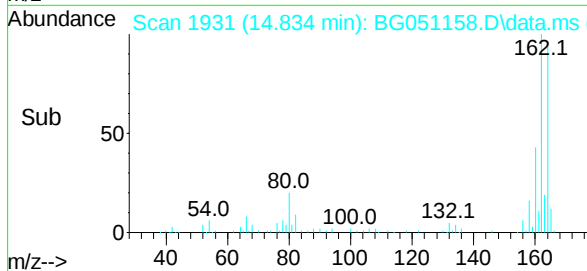
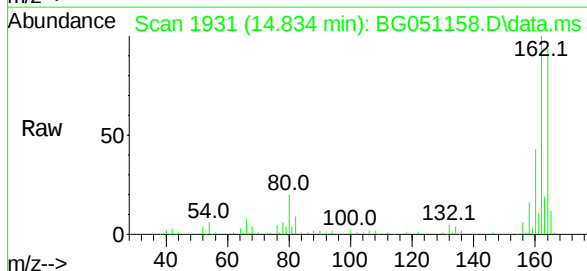
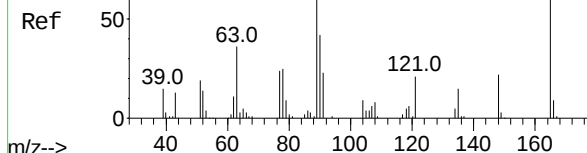
Concen: 7.98 ng

RT: 14.834 min Scan# 1931

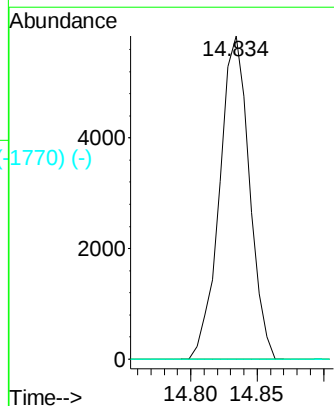
Delta R.T. 0.419 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01



Tgt Ion:	165	Resp:	9104
Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	0.0	63.4	95.0#



Abundance Scan 1994 (15.203 min): BG051122.D\data.ms (-1957) (-)

2,4-Dinitrotoluene

Concen: 5.57 ng

RT: 14.834 min Scan# 1957

Delta R.T. -0.369 min

Lab File: BG051158.D

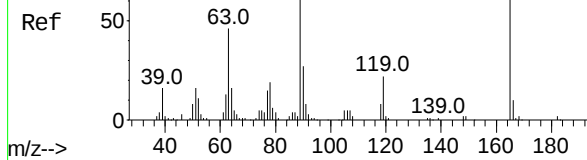
Acq: 20 Nov 2021 22:01

Instrument :

BNA_G

ClientSampleId :

TP18



Tgt Ion:165 Resp: 9104

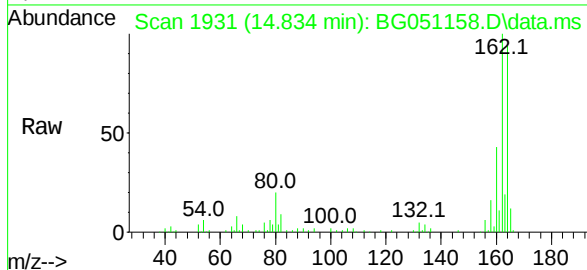
Ion Ratio Lower Upper

165 100

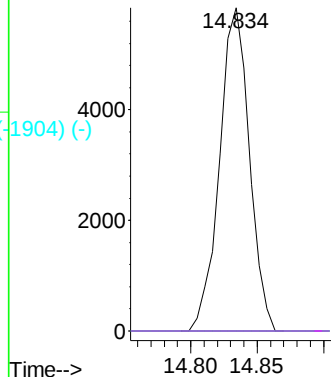
63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

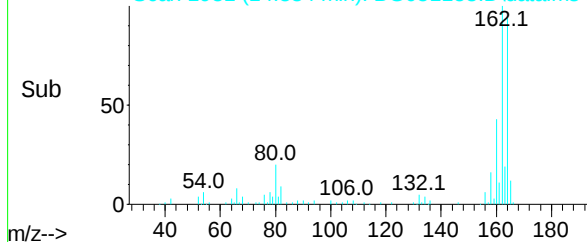
182 0.0 2.0 3.0#



Abundance



Abundance Scan 1931 (14.834 min): BG051158.D\data.ms (-1904) (-)



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2392) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.584 min Scan# 2399

Delta R.T. -0.005 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01

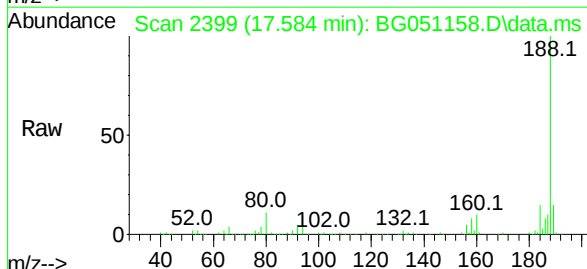
Tgt Ion:188 Resp: 165687

Ion Ratio Lower Upper

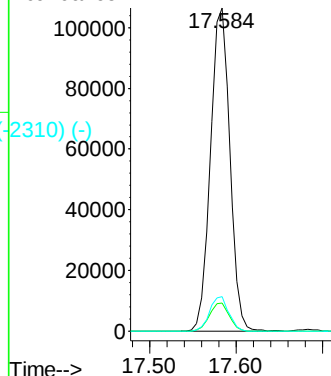
188 100

94 8.8 5.4 8.0#

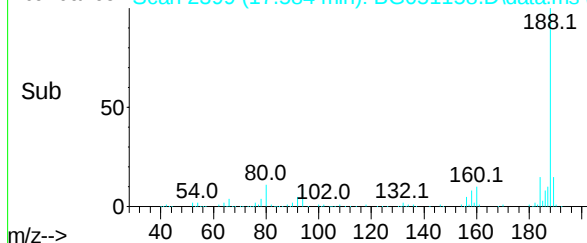
80 10.6 3.7 5.5#



Abundance



Abundance Scan 2399 (17.584 min): BG051158.D\data.ms (-2310) (-)



Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2259) (-)

4-Bromophenyl-phenylether

Concen: 3.23 ng

RT: 16.326 min Scan# 2185

Delta R.T. -0.433 min

Lab File: BG051158.D

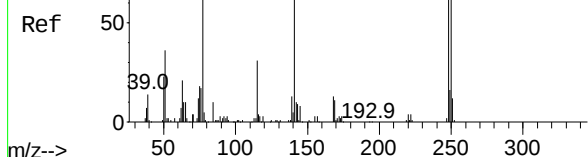
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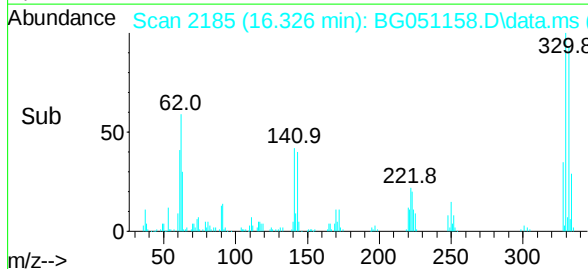
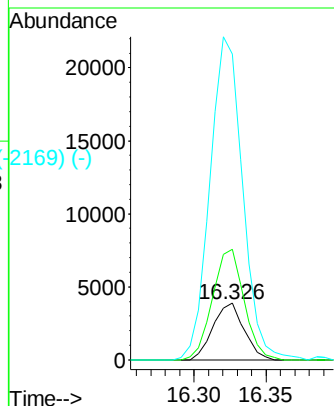
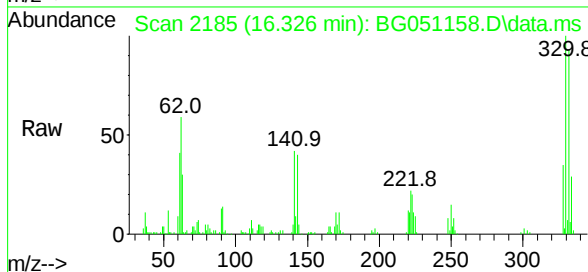
Tgt Ion:248 Resp: 5788

Ion Ratio Lower Upper

248 100

250 195.8 76.1 114.1#

141 540.4 65.4 98.2#



Abundance Scan 3131 (21.883 min): BG051122.D\data.ms (-3131) (-)

Chrysene-d12

Concen: 20.00 ng

RT: 21.879 min Scan# 3130

Delta R.T. -0.005 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01

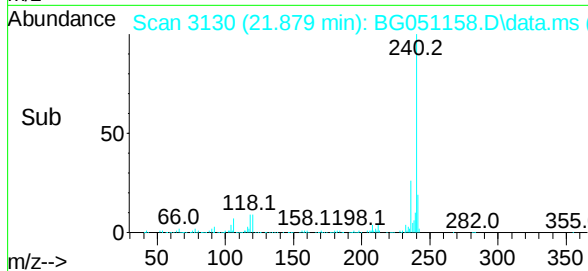
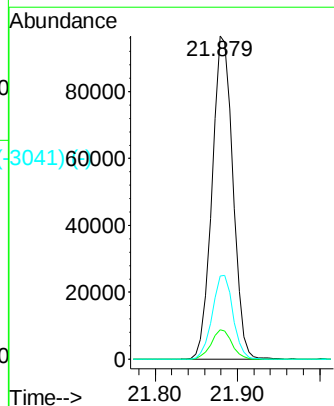
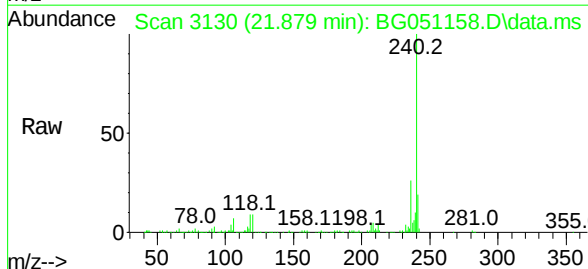
Tgt Ion:240 Resp: 170336

Ion Ratio Lower Upper

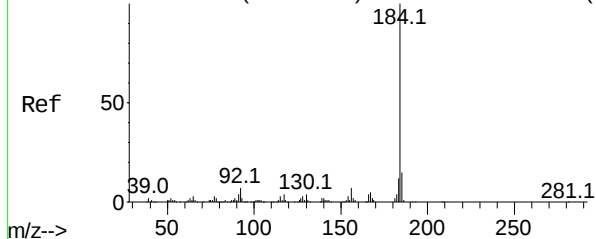
240 100

120 9.1 4.2 6.2#

236 25.8 21.8 32.6



Abundance Scan 2777 (19.803 min): BG051122.D\data.ms (-2770) (-)



Benzidine

Concen: 3.02 ng

RT: 20.169 min Scan# 2770

Delta R.T. 0.366 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01

Instrument :

BNA_G

ClientSampleId :

TP18

Tgt Ion:184 Resp: 8449

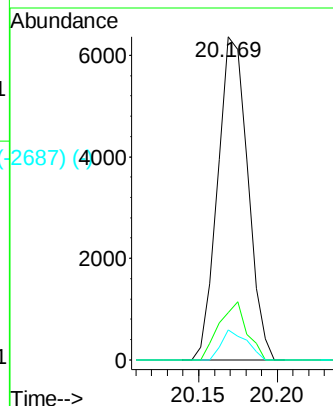
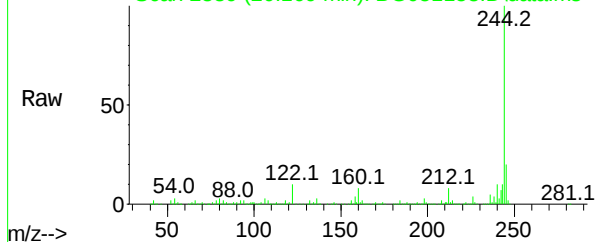
Ion Ratio Lower Upper

184 100

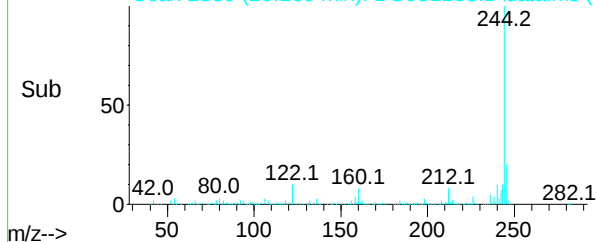
185 14.6 10.7 16.1

183 9.4 9.4 14.0

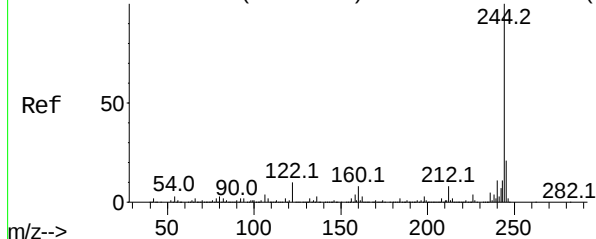
Abundance Scan 2839 (20.169 min): BG051158.D\data.ms



Abundance Scan 2839 (20.169 min): BG051158.D\data.ms (-2687) (-)



Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2679) (-)



Terphenyl-d14

Concen: 53.48 ng

RT: 20.175 min Scan# 2840

Delta R.T. 0.001 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01

Tgt Ion:244 Resp: 498332

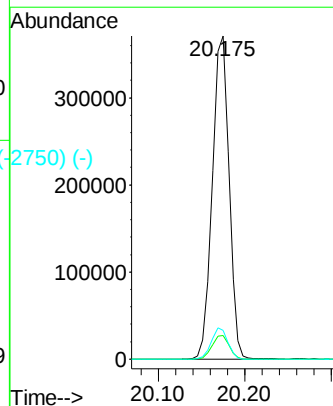
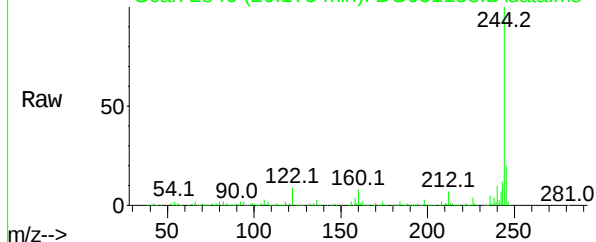
Ion Ratio Lower Upper

244 100

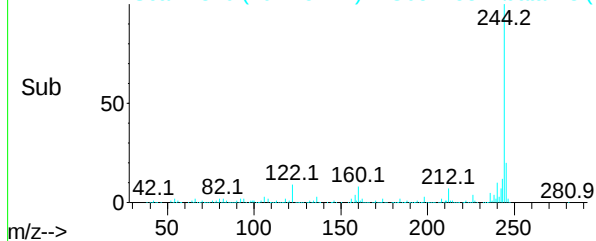
212 7.3 6.9 10.3

122 8.9 5.0 7.6#

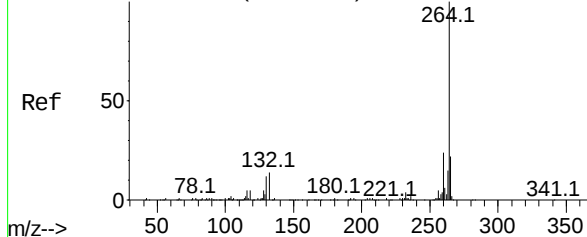
Abundance Scan 2840 (20.175 min): BG051158.D\data.ms



Abundance Scan 2840 (20.175 min): BG051158.D\data.ms (-2750) (-)



Abundance Scan 3709 (25.279 min): BG051122.D\data.ms (-3696) (-)



Perylene-d12

Concen: 20.00 ng

RT: 25.281 min Scan# 3619

Delta R.T. 0.001 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01

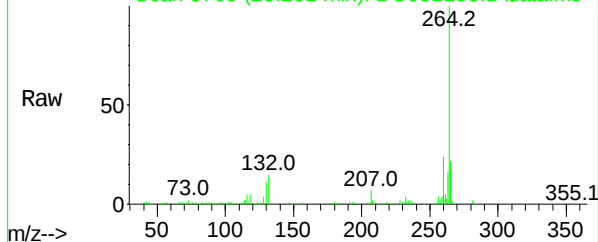
Instrument :

BNA_G

ClientSampleId :

TP18

Abundance Scan 3709 (25.281 min): BG051158.D\data.ms



Tgt Ion:264 Resp: 165937

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.9 16.9 25.3

Abundance Scan 3709 (25.281 min): BG051158.D\data.ms (-3619) (-)

