

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051160.D
 Acq On : 20 Nov 2021 23:24
 Operator : CG/JU
 Sample : M4758-39
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP20

Quant Time: Nov 22 01:28:02 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)

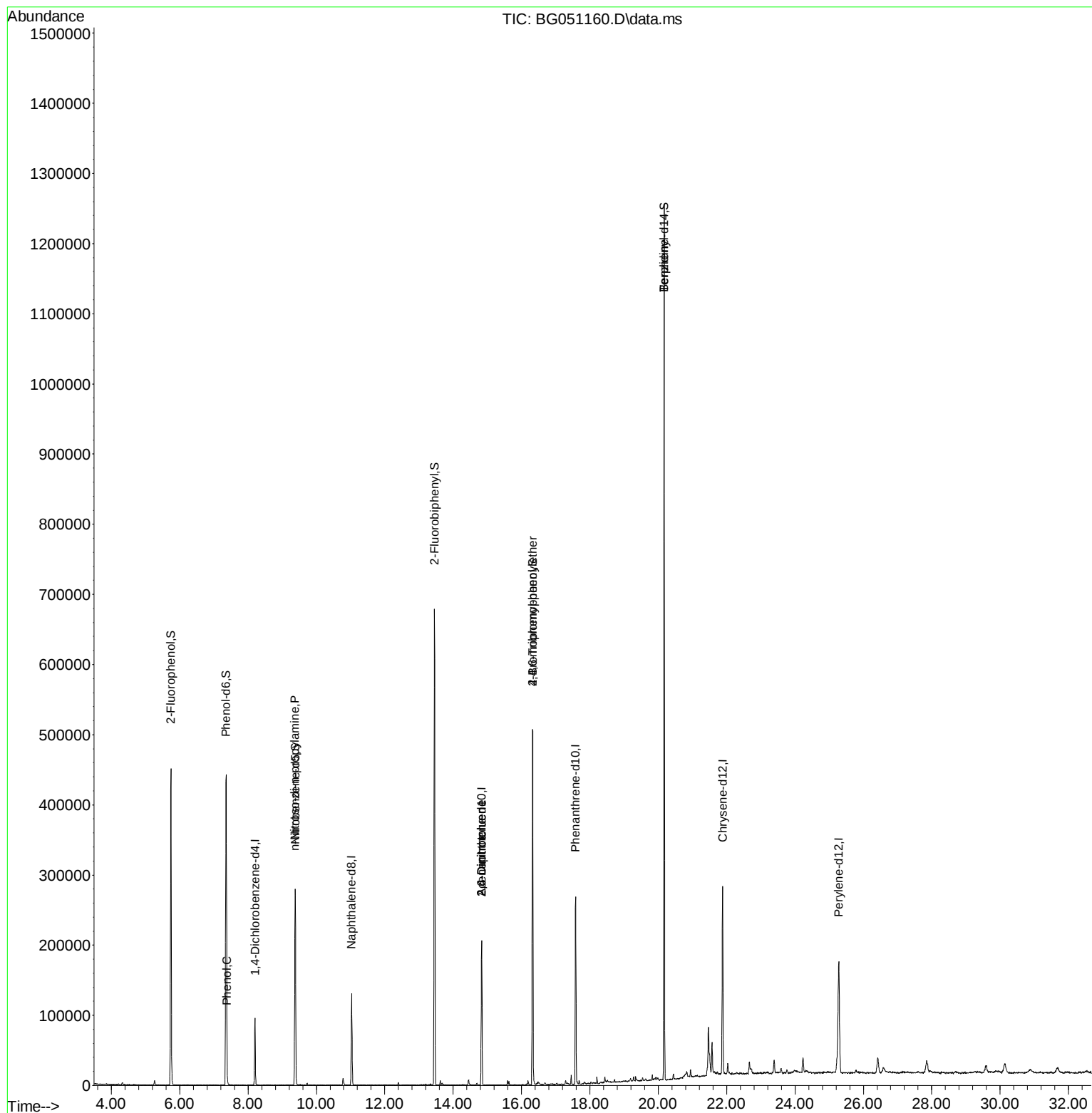
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	27442	20.00	ng	# 0.00
21) Naphthalene-d8	11.032	136	112363	20.00	ng	# 0.00
39) Acenaphthene-d10	14.834	164	74684	20.00	ng	0.00
64) Phenanthrene-d10	17.584	188	168885	20.00	ng	# 0.00
76) Chrysene-d12	21.884	240	171755	20.00	ng	# 0.00
86) Perylene-d12	25.280	264	170430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	197809	111.43	ng	0.00
7) Phenol-d6	7.354	99	261467	104.57	ng	-0.01
23) Nitrobenzene-d5	9.381	82	186395	75.72	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	86963	109.55	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	352014	71.12	ng	0.00
79) Terphenyl-d14	20.175	244	608408	64.76	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.384	94	6814	2.65	ng	94
19) n-Nitroso-di-n-propyla...	9.375	70	25225	13.67	ng	# 69
51) 2,6-Dinitrotoluene	14.834	165	9871	8.21	ng	# 10
57) 2,4-Dinitrotoluene	14.834	165	9871	5.73	ng	# 15
67) 4-Bromophenyl-phenylether	16.326	248	6803	3.72	ng	# 1
77) Benzidine	20.175	184	10169	3.61	ng	# 94

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

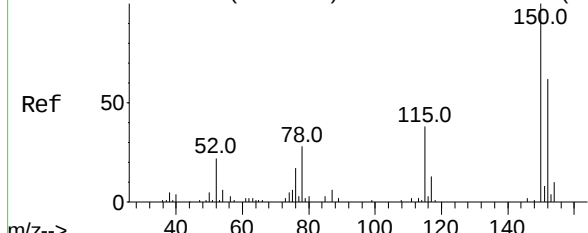
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
Data File : BG051160.D
Acq On : 20 Nov 2021 23:24
Operator : CG/JU
Sample : M4758-39
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP20

Quant Time: Nov 22 01:28:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration



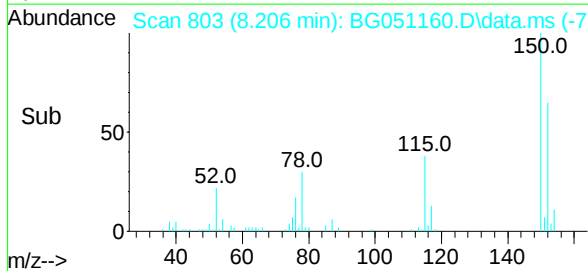
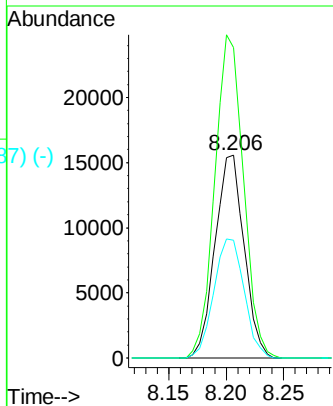
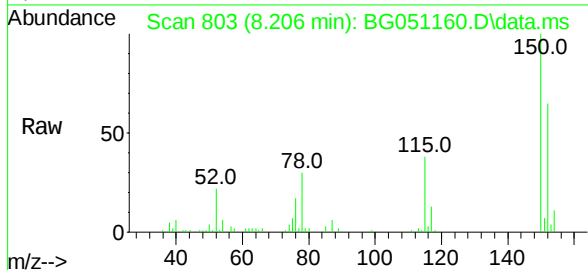
Abundance Scan 804 (8.211 min): BG051122.D\data.ms (-796) #1



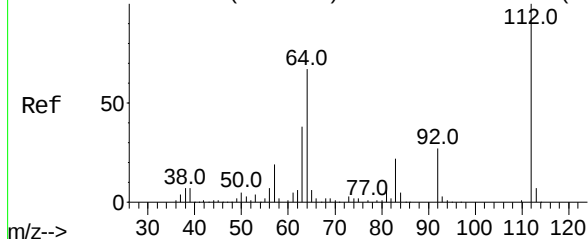
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.206 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG051160.D
Acq: 20 Nov 2021 23:24

Instrument :
BNA_G
ClientSampleId :
TP20

Tgt Ion:152 Resp: 27442
Ion Ratio Lower Upper
152 100
150 152.8 119.4 179.0
115 58.0 60.2 90.4#

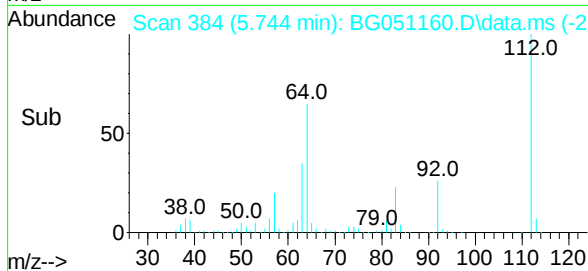
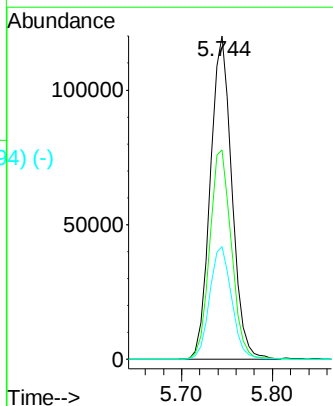
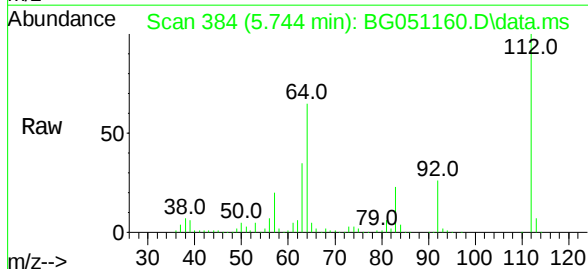


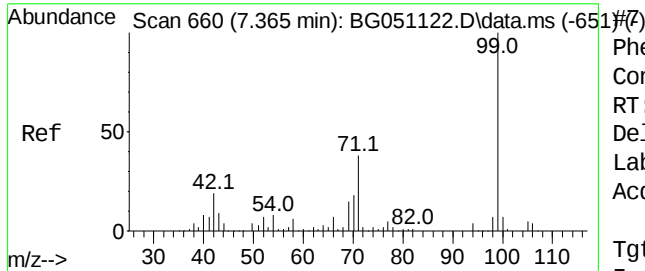
Abundance Scan 384 (5.743 min): BG051122.D\data.ms (-377) #5



2-Fluorophenol
Concen: 111.43 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051160.D
Acq: 20 Nov 2021 23:24

Tgt Ion:112 Resp: 197809
Ion Ratio Lower Upper
112 100
64 64.7 46.7 70.1
63 34.8 35.3 52.9#

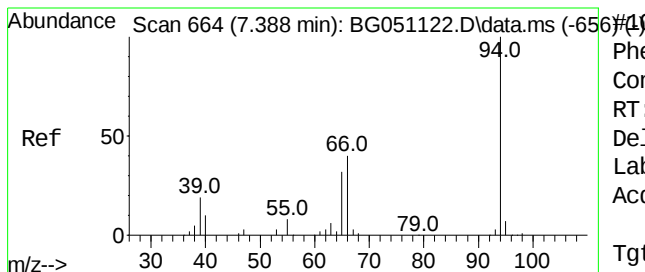
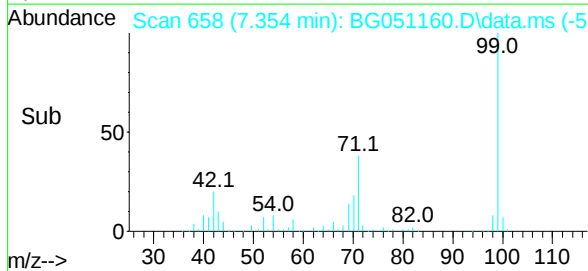
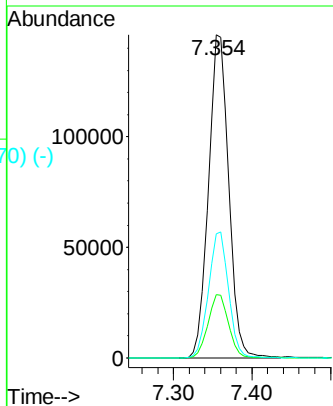
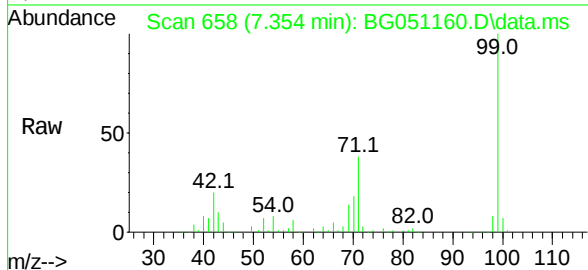




Phenol-d6
 Concen: 104.57 ng
 RT: 7.354 min Scan#
 Delta R.T. -0.011 min
 Lab File: BG051160.D
 Acq: 20 Nov 2021 23:24

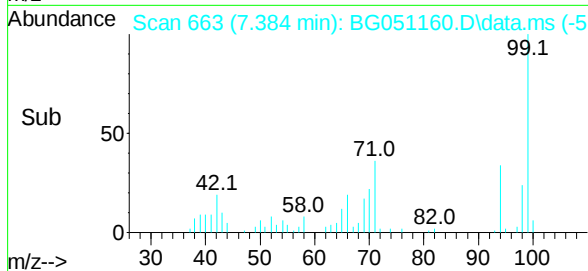
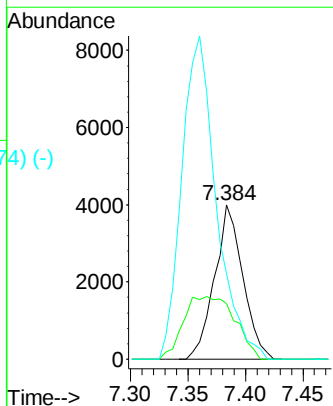
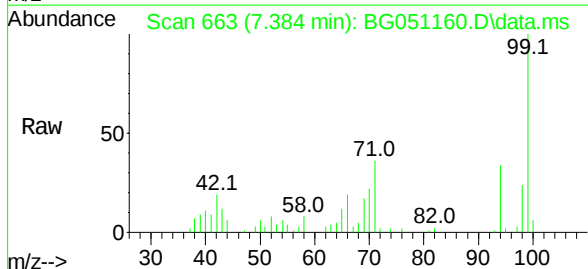
Instrument :
 BNA_G
 ClientSampleId :
 TP20

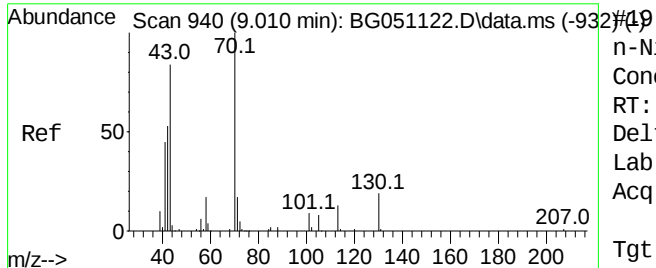
Tgt Ion:	99	Resp:	261467
Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.5	30.7#
71	38.5	41.5	62.3#



Phenol
 Concen: 2.65 ng
 RT: 7.384 min Scan# 663
 Delta R.T. -0.005 min
 Lab File: BG051160.D
 Acq: 20 Nov 2021 23:24

Tgt Ion:	94	Resp:	6814
Ion	Ratio	Lower	Upper
94	100		
65	36.2	12.9	52.9
66	55.4	39.4	79.4

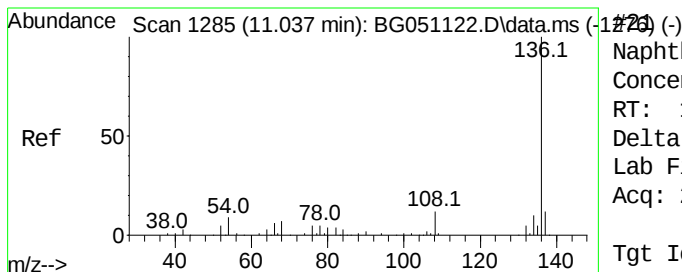
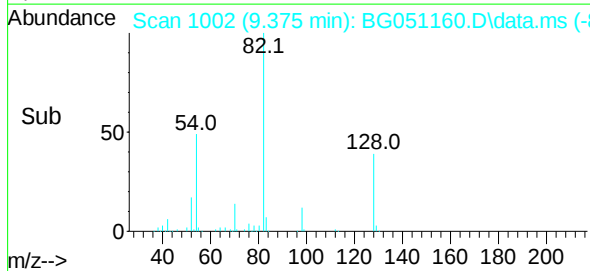
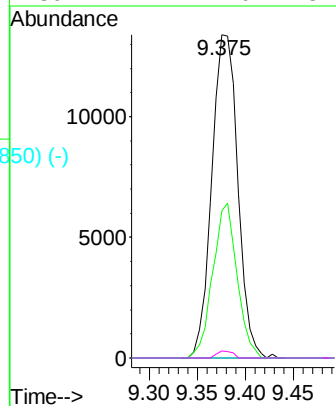
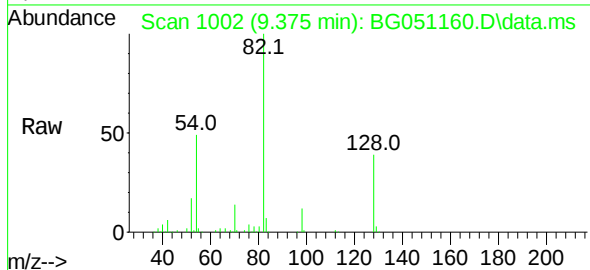




n-Nitroso-di-n-propylamine
 Concen: 13.67 ng
 RT: 9.375 min Scan# 1
 Delta R.T. 0.365 min
 Lab File: BG051160.D
 Acq: 20 Nov 2021 23:24

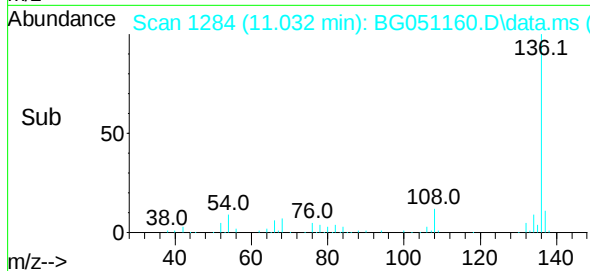
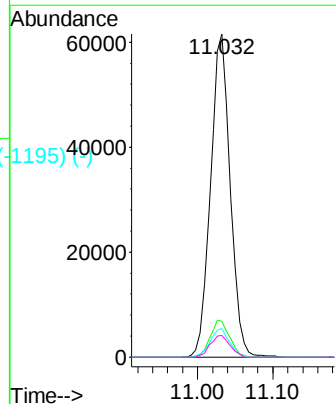
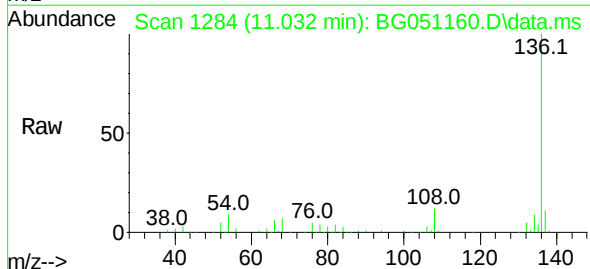
Instrument :
 BNA_G
 ClientSampleId :
 TP20

Tgt Ion:	70	Resp:	25225
Ion	Ratio	Lower	Upper
70	100		
42	45.6	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#



Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.032 min Scan# 1284
 Delta R.T. -0.005 min
 Lab File: BG051160.D
 Acq: 20 Nov 2021 23:24

Tgt Ion:	136	Resp:	112363
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	8.9	5.5	8.3#
68	6.6	2.3	3.5#



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

Nitrobenzene-d5

Concen: 75.72 ng

RT: 9.381 min Scan#

Delta R.T. -0.005 min

Lab File: BG051160.D

Acq: 20 Nov 2021 23:24

Instrument :

BNA_G

ClientSampleId :

TP20

Tgt Ion: 82 Resp: 186395

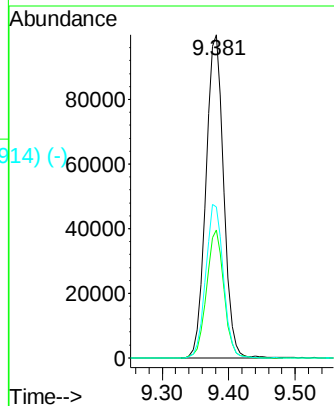
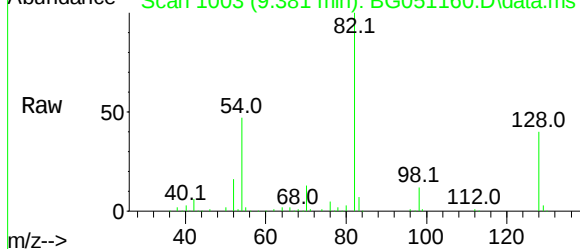
Ion Ratio Lower Upper

82 100

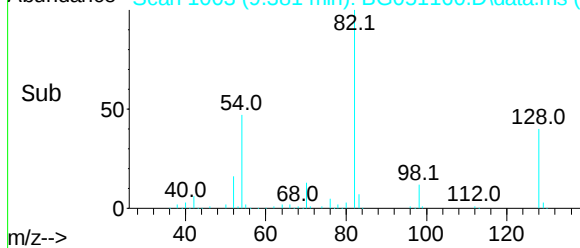
128 39.6 29.8 44.6

54 46.8 45.8 68.8

Abundance Scan 1003 (9.381 min): BG051160.D\data.ms



Abundance Scan 1003 (9.381 min): BG051160.D\data.ms (-914)



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1925)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.834 min Scan# 1931

Delta R.T. -0.004 min

Lab File: BG051160.D

Acq: 20 Nov 2021 23:24

Tgt Ion: 164 Resp: 74684

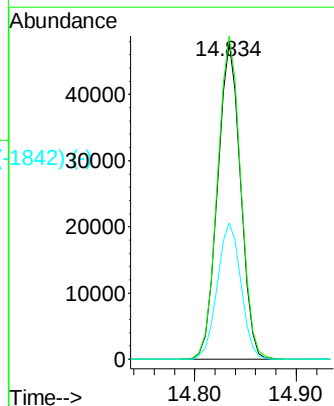
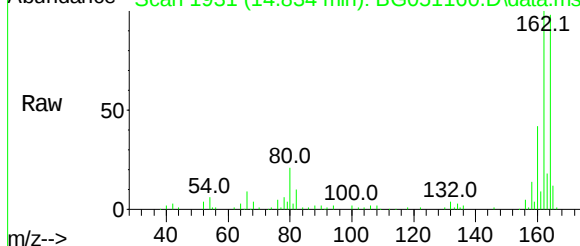
Ion Ratio Lower Upper

164 100

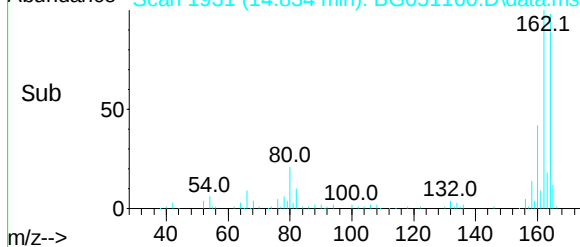
162 102.0 81.4 122.0

160 42.9 34.9 52.3

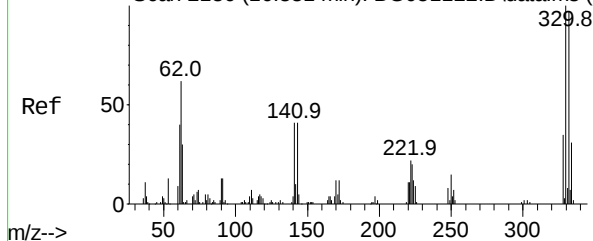
Abundance Scan 1931 (14.834 min): BG051160.D\data.ms



Abundance Scan 1931 (14.834 min): BG051160.D\data.ms (-1842)



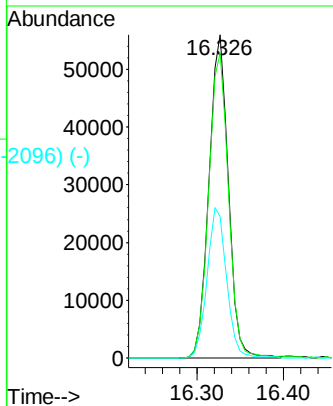
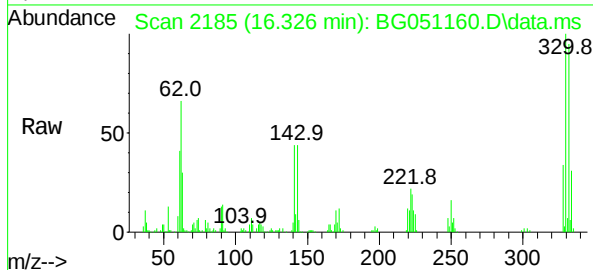
Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2174) (-)



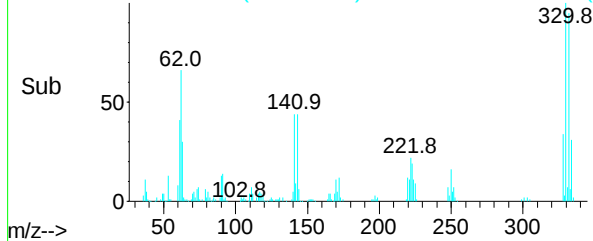
2,4,6-Tribromophenol
Concen: 109.55 ng
RT: 16.326 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BG051160.D
Acq: 20 Nov 2021 23:24

Instrument :
BNA_G
ClientSampleId :
TP20

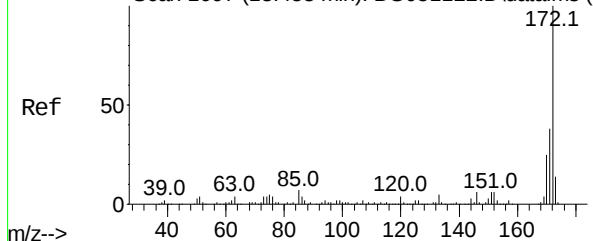
Tgt Ion:	330	Resp:	86963
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	46.7	35.6	53.4



Abundance Scan 2185 (16.326 min): BG051160.D\data.ms (-2096) (-)

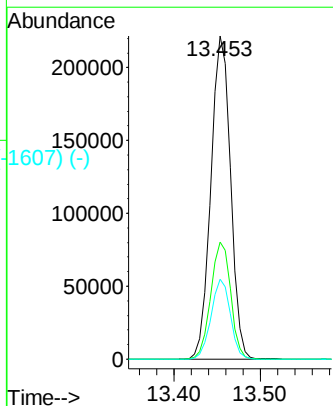
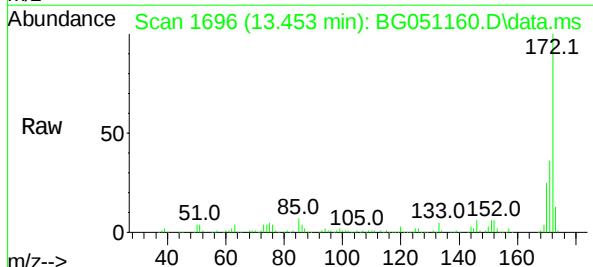


Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1695) (-)

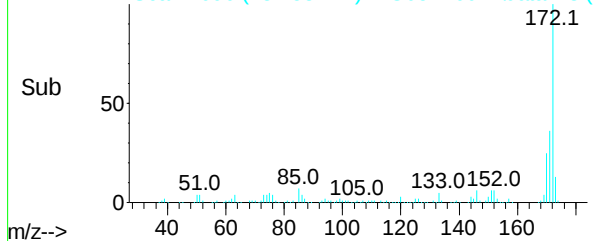


2-Fluorobiphenyl
Concen: 71.12 ng
RT: 13.453 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BG051160.D
Acq: 20 Nov 2021 23:24

Tgt Ion:	172	Resp:	352014
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.7	18.6	27.8



Abundance Scan 1696 (13.453 min): BG051160.D\data.ms (-1607) (-)



Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1652) (-)

2,6-Dinitrotoluene

Concen: 8.21 ng

RT: 14.834 min Scan# 1931

Delta R.T. 0.418 min

Lab File: BG051160.D

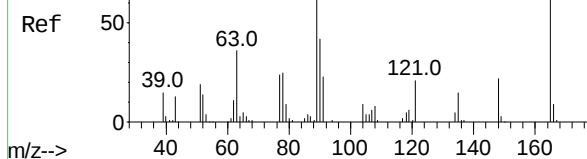
Acq: 20 Nov 2021 23:24

Instrument :

BNA_G

ClientSampleId :

TP20



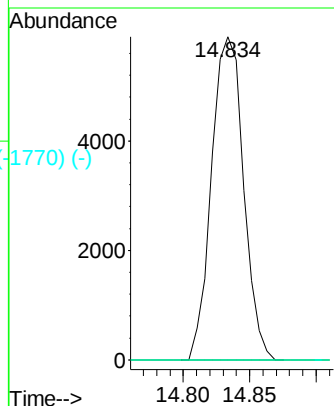
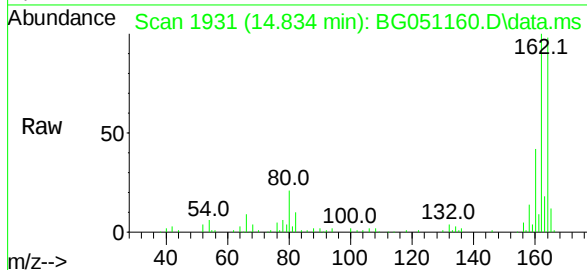
Tgt Ion:165 Resp: 9871

Ion Ratio Lower Upper

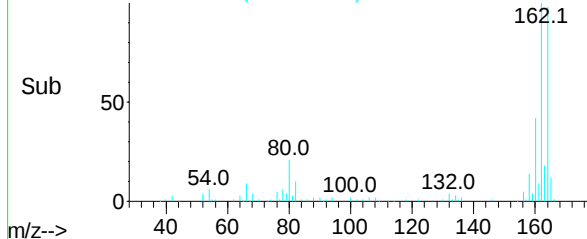
165 100

63 0.0 63.3 94.9#

89 0.0 63.4 95.0#



Abundance Scan 1931 (14.834 min): BG051160.D\data.ms (-1770) (-)



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

2,4-Dinitrotoluene

Concen: 5.73 ng

RT: 14.834 min Scan# 1931

Delta R.T. -0.369 min

Lab File: BG051160.D

Acq: 20 Nov 2021 23:24

Tgt Ion:165 Resp: 9871

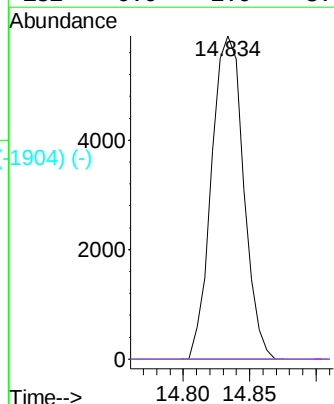
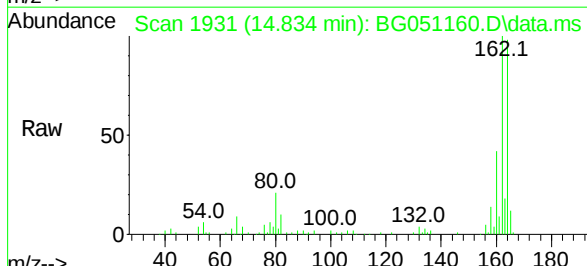
Ion Ratio Lower Upper

165 100

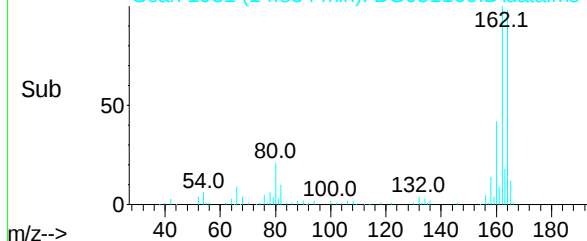
63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



Abundance Scan 1931 (14.834 min): BG051160.D\data.ms (-1904) (-)



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2362) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.584 min Scan# 2185

Delta R.T. -0.005 min

Lab File: BG051160.D

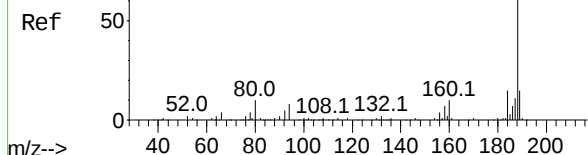
Acq: 20 Nov 2021 23:24

Instrument :

BNA_G

ClientSampleId :

TP20



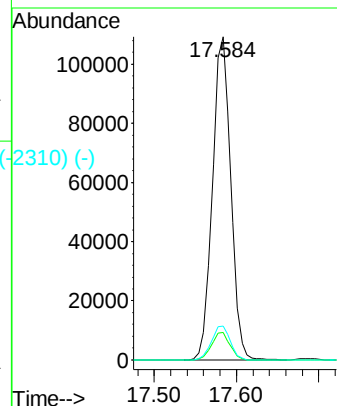
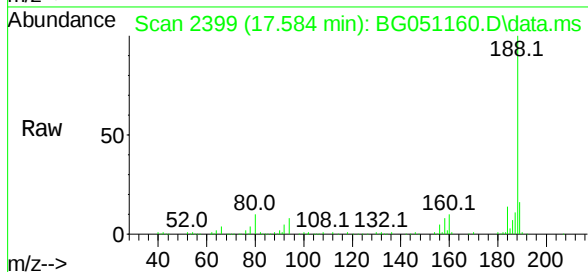
Tgt Ion:188 Resp: 168885

Ion Ratio Lower Upper

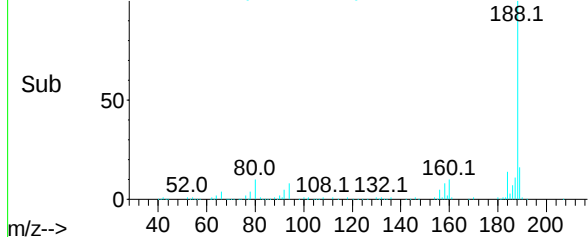
188 100

94 8.5 5.4 8.0#

80 10.4 3.7 5.5#



Abundance Scan 2399 (17.584 min): BG051160.D\data.ms (-2310) (-)



Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2362) (-)

4-Bromophenyl-phenylether

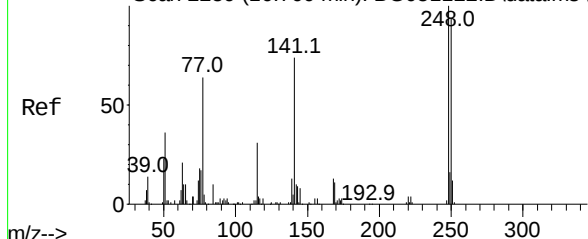
Concen: 3.72 ng

RT: 16.326 min Scan# 2185

Delta R.T. -0.434 min

Lab File: BG051160.D

Acq: 20 Nov 2021 23:24



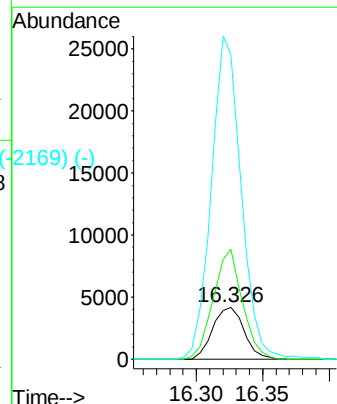
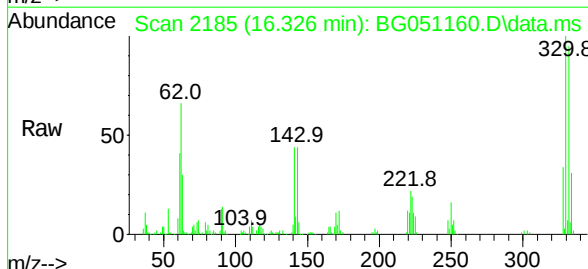
Tgt Ion:248 Resp: 6803

Ion Ratio Lower Upper

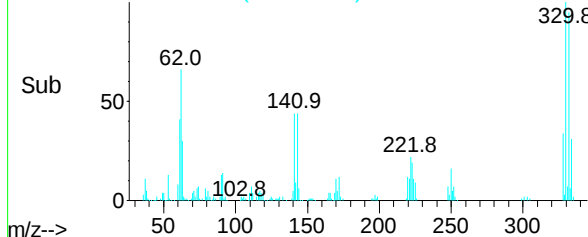
248 100

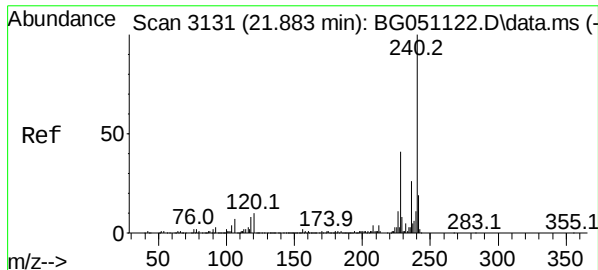
250 212.4 76.1 114.1#

141 587.6 65.4 98.2#



Abundance Scan 2185 (16.326 min): BG051160.D\data.ms (-2169) (-)

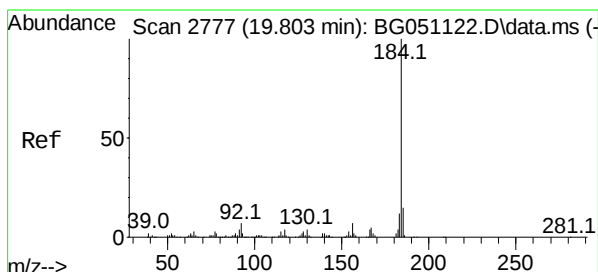
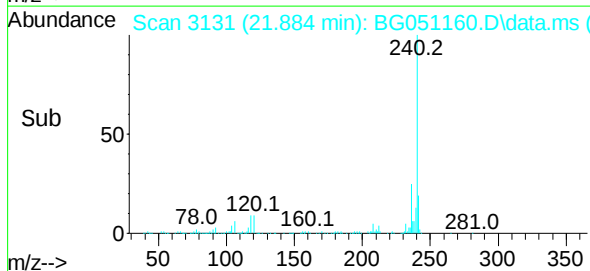
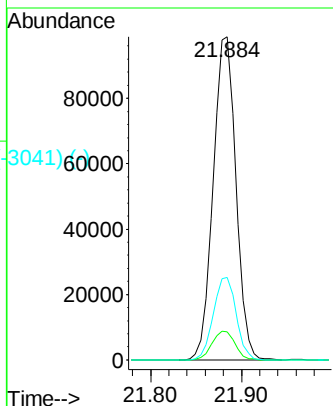
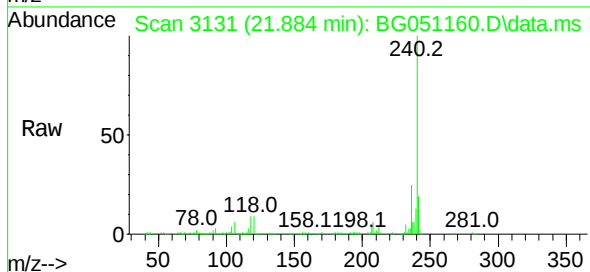




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.884 min Scan# 3131
 Delta R.T. 0.001 min
 Lab File: BG051160.D
 Acq: 20 Nov 2021 23:24

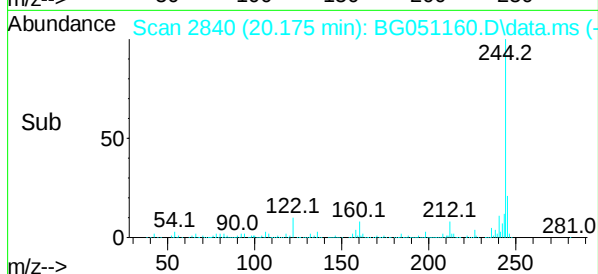
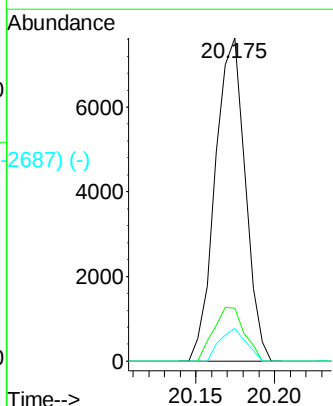
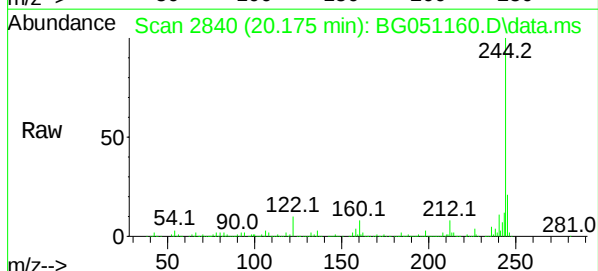
Instrument :
 BNA_G
 ClientSampleId :
 TP20

Tgt Ion:	240	Resp:	171755
Ion	Ratio	Lower	Upper
240	100		
120	8.7	4.2	6.2#
236	25.4	21.8	32.6

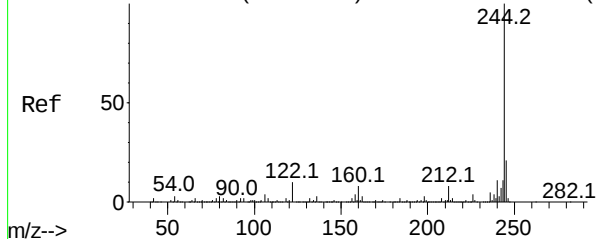


Benzidine
 Concen: 3.61 ng
 RT: 20.175 min Scan# 2840
 Delta R.T. 0.371 min
 Lab File: BG051160.D
 Acq: 20 Nov 2021 23:24

Tgt Ion:	184	Resp:	10169
Ion	Ratio	Lower	Upper
184	100		
185	16.4	10.7	16.1#
183	10.0	9.4	14.0



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



Terphenyl-d14

Concen: 64.76 ng

RT: 20.175 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051160.D

Acq: 20 Nov 2021 23:24

Instrument :

BNA_G

ClientSampleId :

TP20

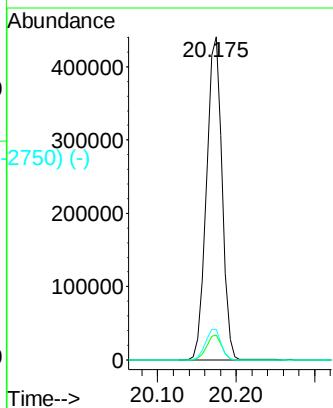
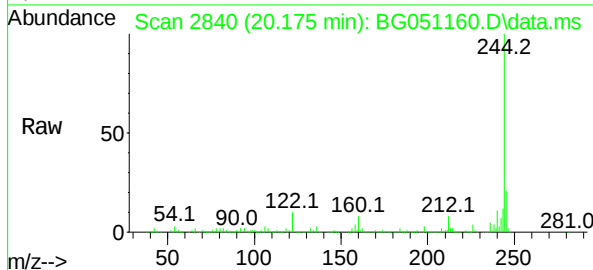
Tgt Ion:244 Resp: 608408

Ion Ratio Lower Upper

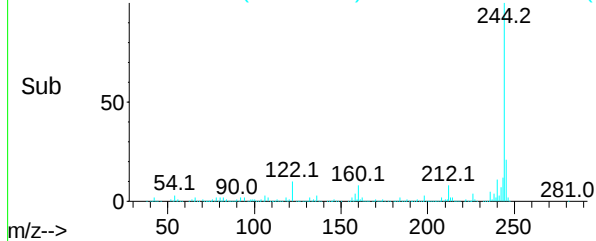
244 100

212 7.7 6.9 10.3

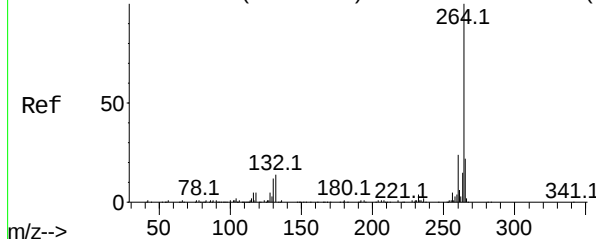
122 9.5 5.0 7.6#



Abundance Scan 2840 (20.175 min): BG051160.D\data.ms (-2750) (-)



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



Perylene-d12

Concen: 20.00 ng

RT: 25.280 min Scan# 3709

Delta R.T. 0.001 min

Lab File: BG051160.D

Acq: 20 Nov 2021 23:24

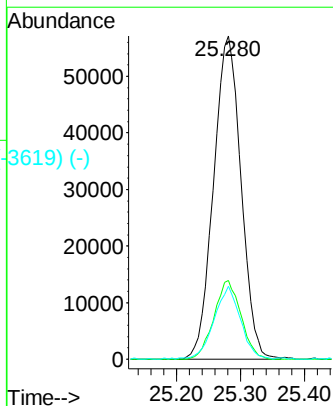
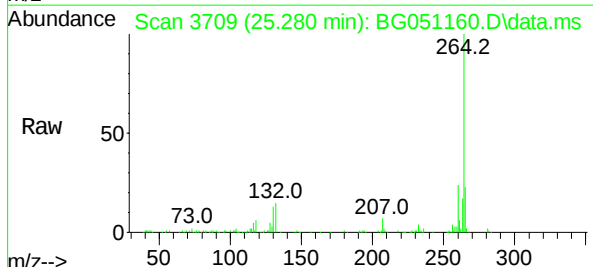
Tgt Ion:264 Resp: 170430

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.6 16.9 25.3



Abundance Scan 3709 (25.280 min): BG051160.D\data.ms (-3619) (-)

