

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
 Data File : BG046529.D
 Acq On : 3 Sep 2020 23:33
 Operator : CG/JU
 Sample : L3888-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1

Quant Time: Sep 04 01:25:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

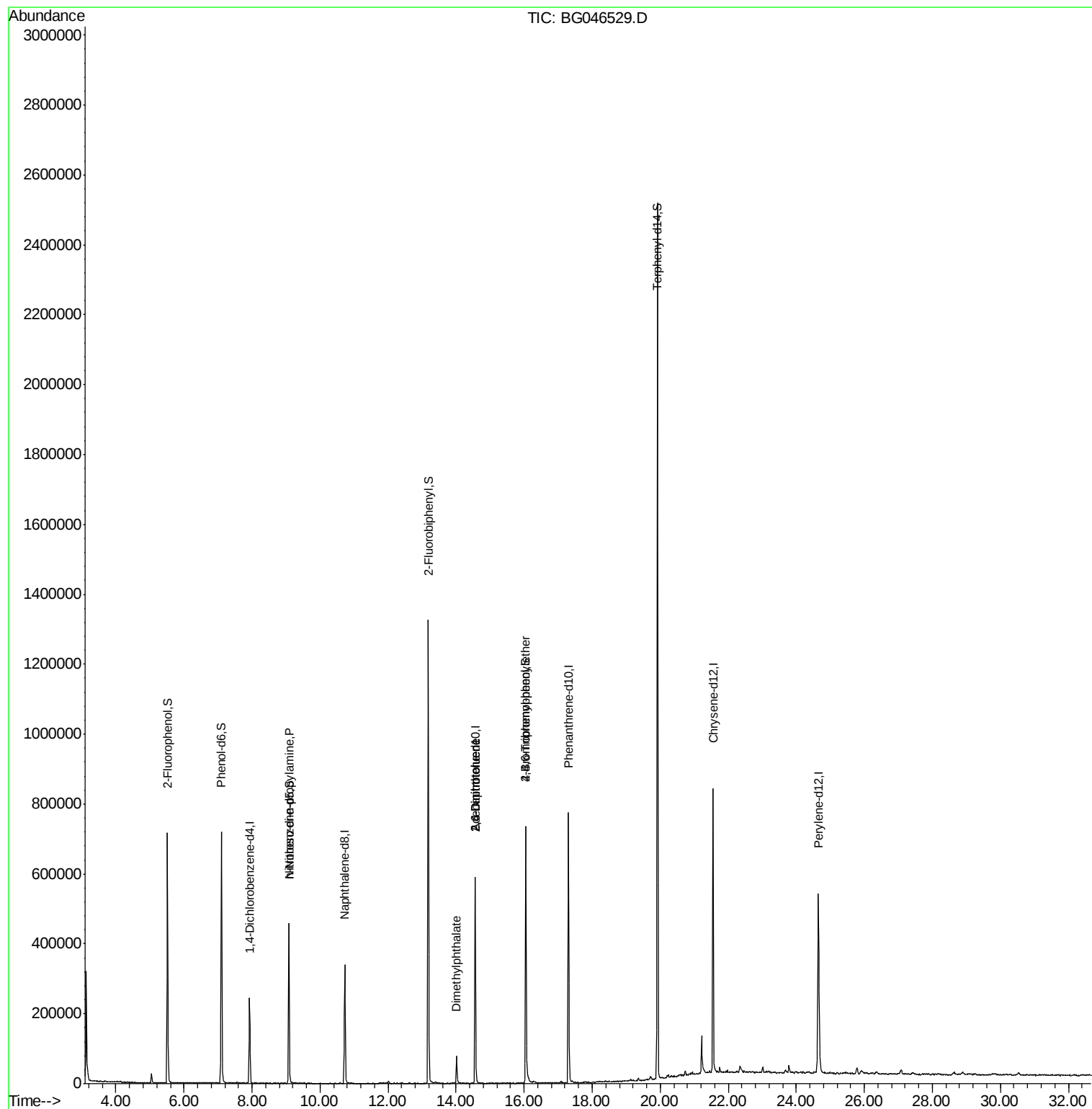
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77327	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	325569	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	223930	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	533684	20.00	ng	0.00
76) Chrysene-d12	21.55	240	527232	20.00	ng	0.00
86) Perylene-d12	24.65	264	543456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	349694	80.10	ng	0.00
7) Phenol-d6	7.10	99	457876	73.98	ng	0.00
23) Nitrobenzene-d5	9.09	82	298007	52.32	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	175235	57.76	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	762382	51.97	ng	0.00
79) Terphenyl-d14	19.92	244	1164468	47.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.09	70	37238	10.059	ng	Qvalue # 74
50) Dimethylphthalate	14.02	163	65069	3.756	ng	# 99
51) 2,6-Dinitrotoluene	14.56	165	29448	7.711	ng	# 33
57) 2,4-Dinitrotoluene	14.56	165	29448	5.408	ng	# 33
67) 4-Bromophenyl-phenylether	16.05	248	12863	2.066	ng	# 1

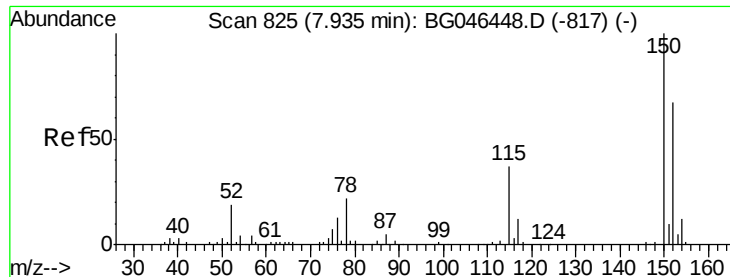
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG046529.D

Acq: 3 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

9-2-TP-1

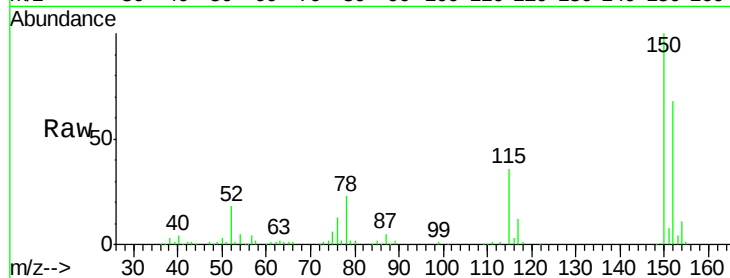
Tot Ion:152 Resp: 77327

Ion Ratio Lower Upper

152 100

150 147.5 119.5 179.3

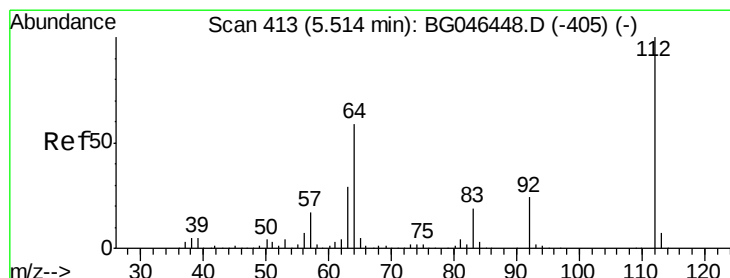
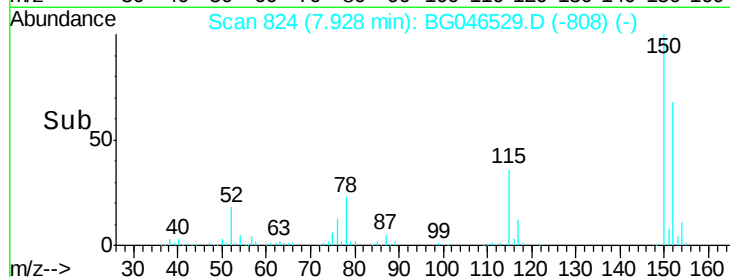
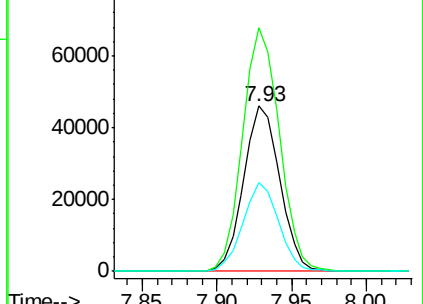
115 53.6 44.3 66.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 80.098 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG046529.D

Acq: 3 Sep 2020 23:33

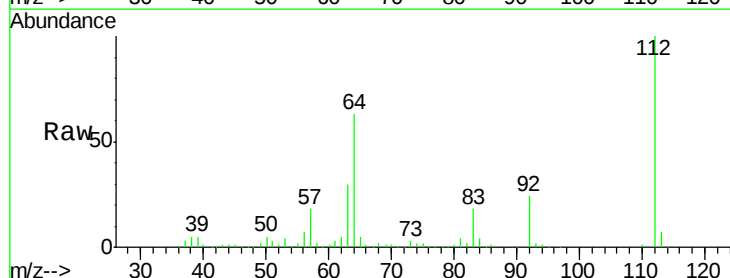
Tgt Ion:112 Resp: 349694

Ion Ratio Lower Upper

112 100

64 63.1 47.0 70.6

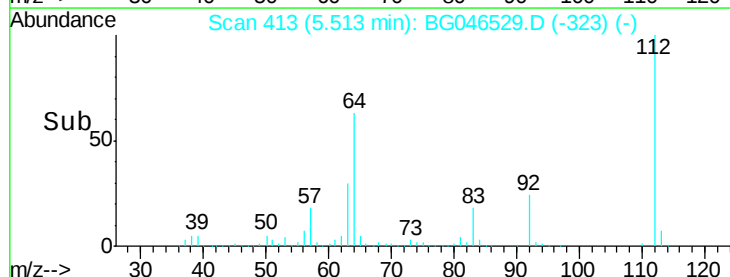
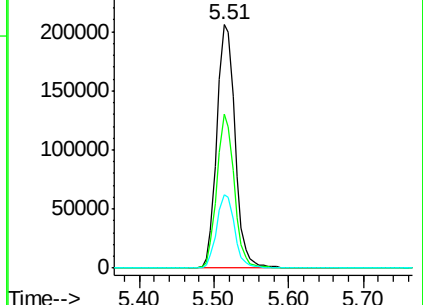
63 30.4 23.5 35.3

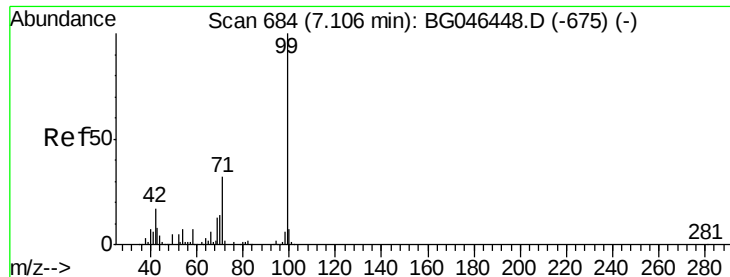


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 73.982 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG046529.D

Acq: 3 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

9-2-TP-1

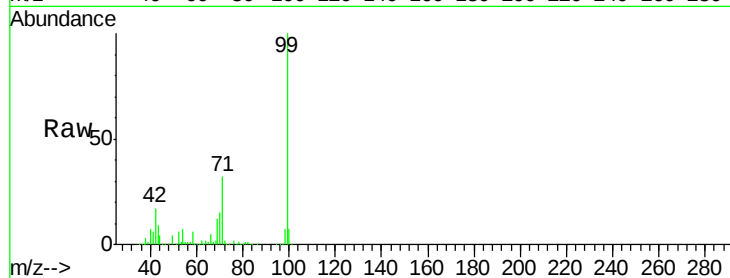
Tot Ion: 99 Resp: 457876

Ion Ratio Lower Upper

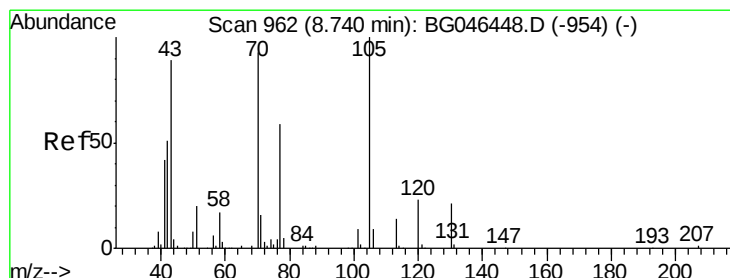
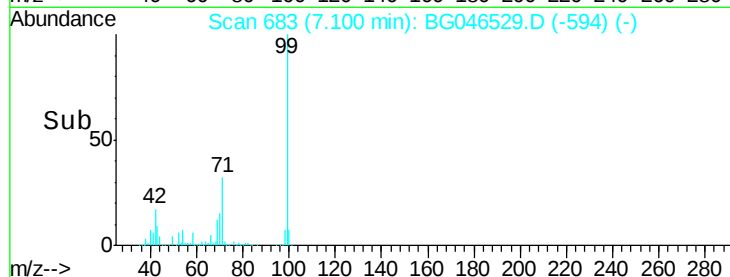
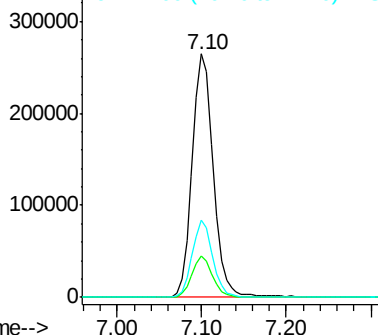
99 100

42 17.2 13.3 19.9

71 31.7 25.3 37.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 10.059 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.35 min

Lab File: BG046529.D

Acq: 3 Sep 2020 23:33

Tgt Ion: 70 Resp: 37238

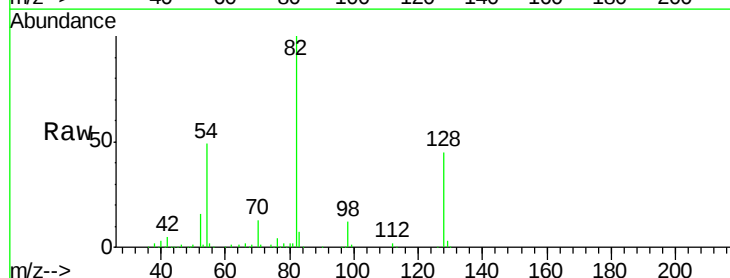
Ion Ratio Lower Upper

70 100

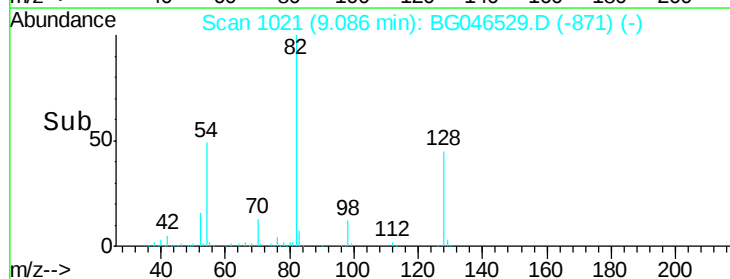
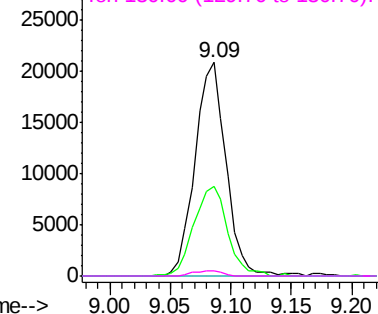
42 41.8 44.2 66.2#

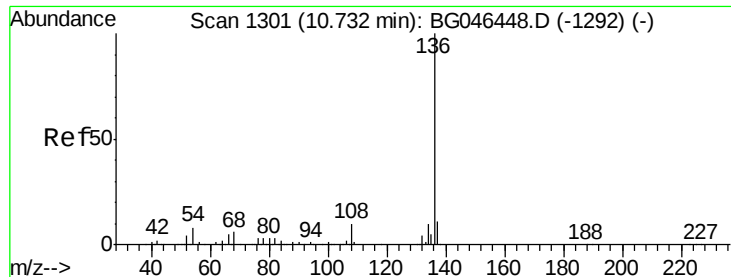
101 0.0 7.8 11.8#

130 2.3 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

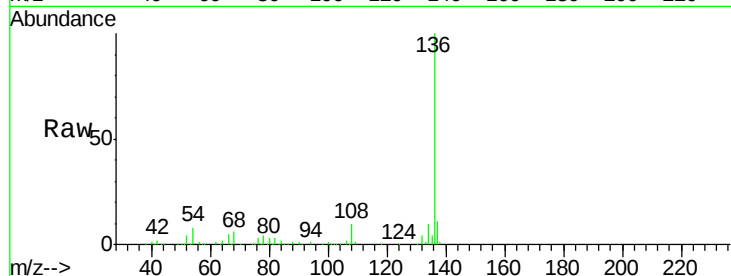




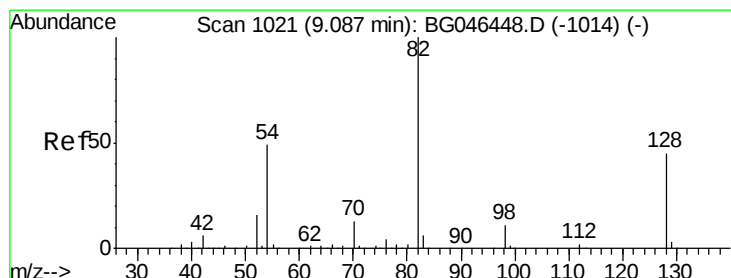
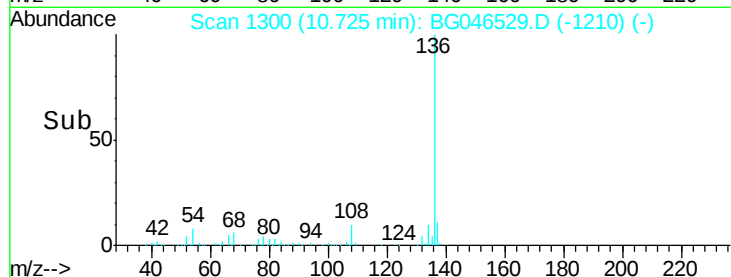
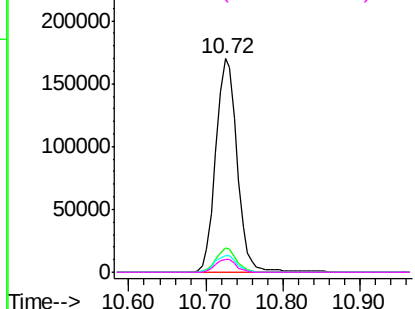
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046529.D
Acq: 3 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1

Tot Ion:136	Resp:	325569
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 7.9	6.1	9.1
68 6.2	4.8	7.2

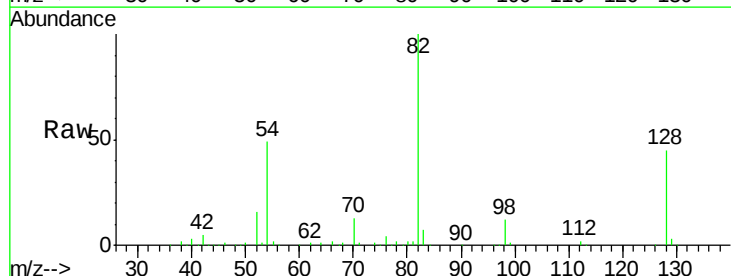


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

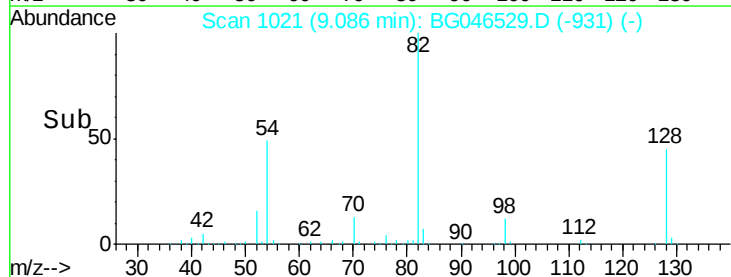
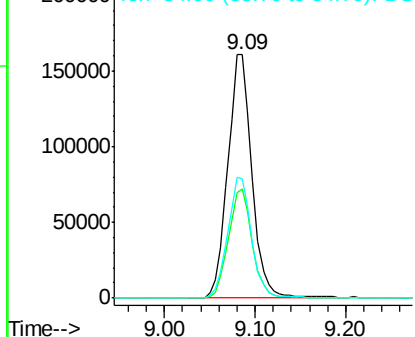


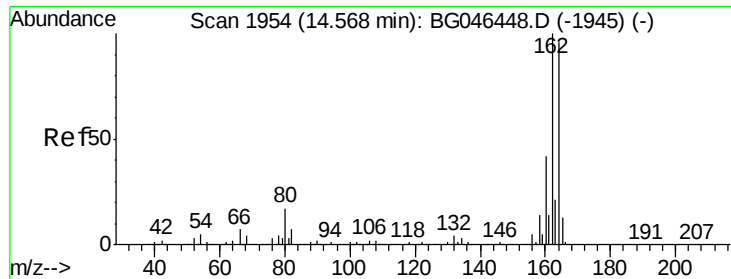
#23
Nitrobenzene-d5
Concen: 52.316 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG046529.D
Acq: 3 Sep 2020 23:33

Tgt	Ion: 82	Resp:	298007
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	49.1	39.4	59.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

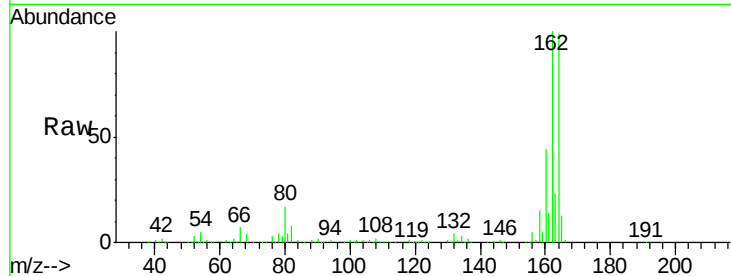




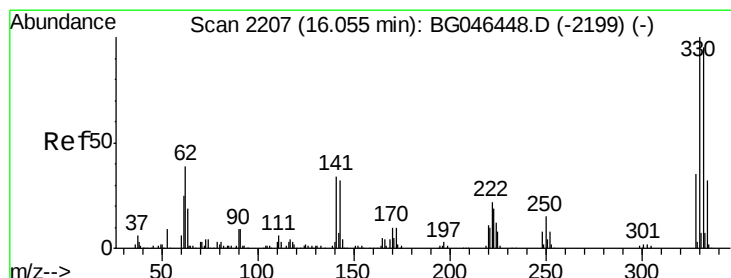
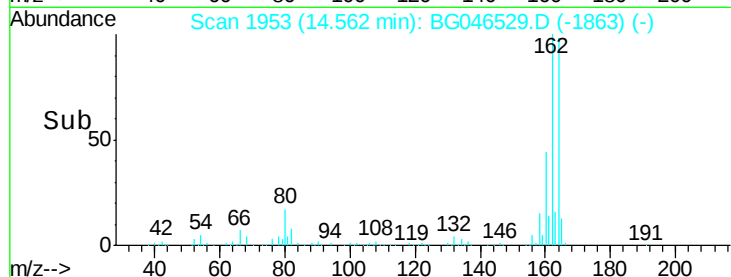
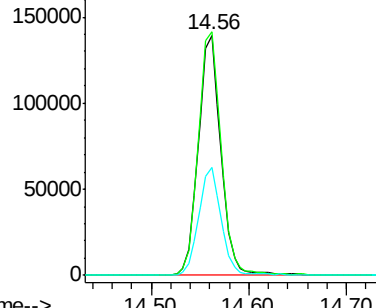
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG046529.D
Acq: 3 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.3	124.9
160	44.9	35.0	52.6

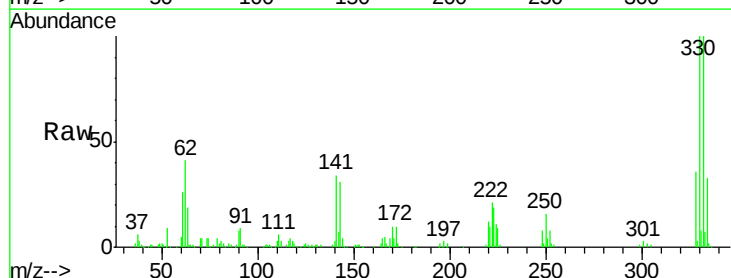


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

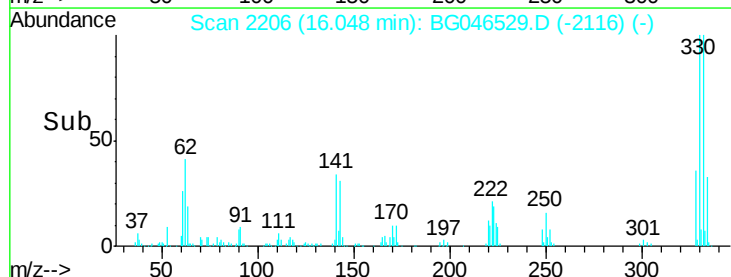
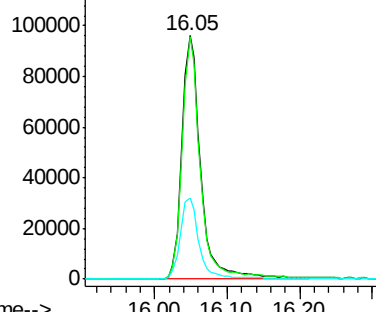


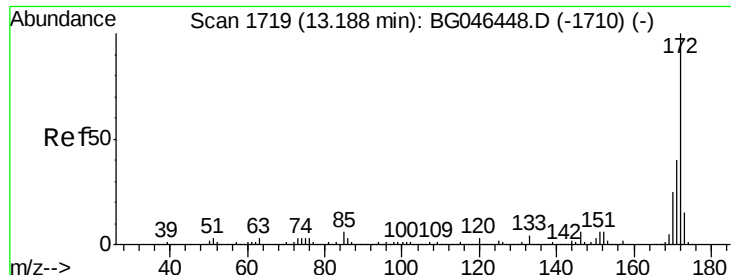
#42
2,4,6-Tribromophenol
Concen: 57.755 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG046529.D
Acq: 3 Sep 2020 23:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	33.6	26.1	39.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

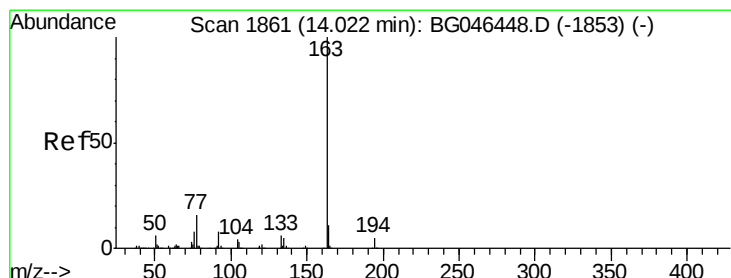
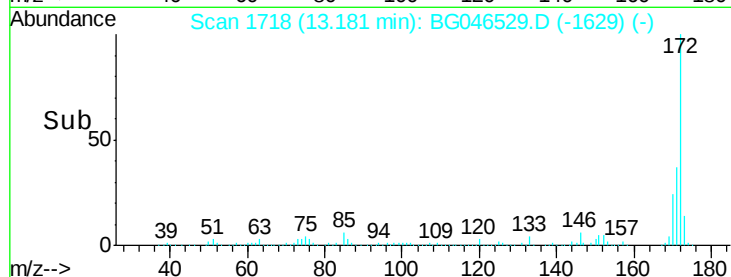
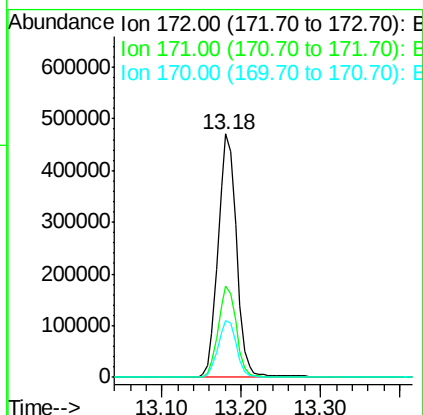
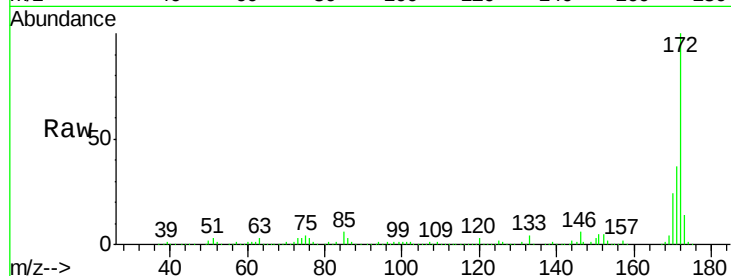




#45
2-Fluorobiphenyl
Concen: 51.973 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG046529.D
Acq: 3 Sep 2020 23:33

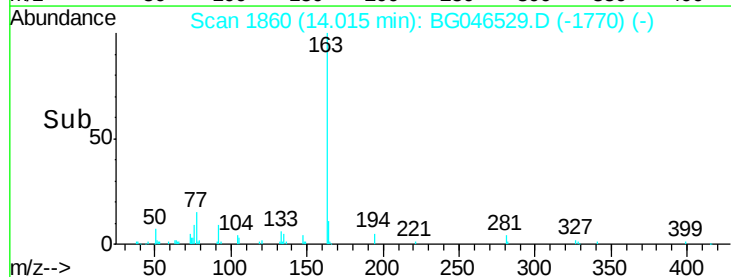
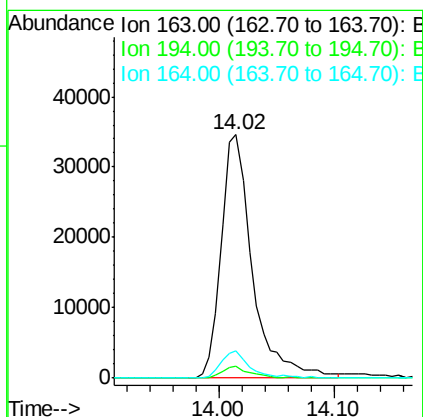
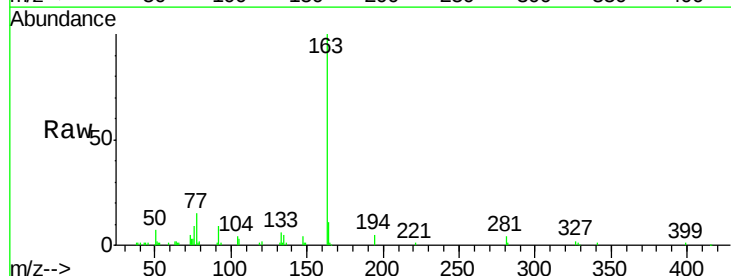
Instrument :
BNA_G
ClientSampleId :
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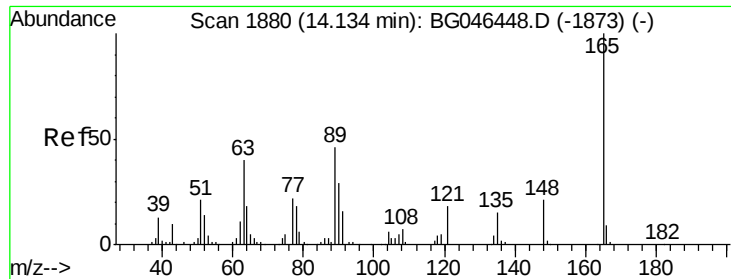
Tot Ion:172 Resp: 762382
Ion Ratio Lower Upper
172 100
171 37.5 31.8 47.6
170 23.5 20.3 30.5



#50
Dimethylphthalate
Concen: 3.756 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG046529.D
Acq: 3 Sep 2020 23:33

Tgt Ion:163 Resp: 65069
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 11.3 8.6 12.8

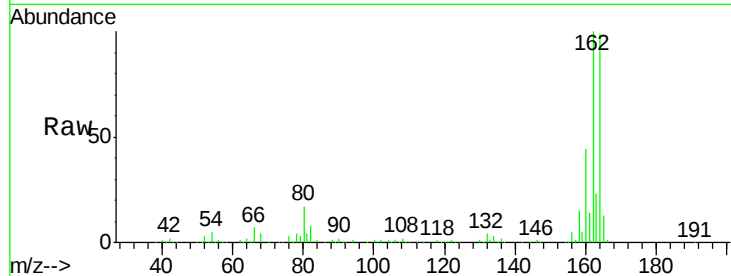




#51
2,6-Dinitrotoluene
Concen: 7.711 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.43 min
Lab File: BG046529.D
Acq: 3 Sep 2020 23:33

Instrument :
BNA_G
ClientSampleId :
9-2-TP-1

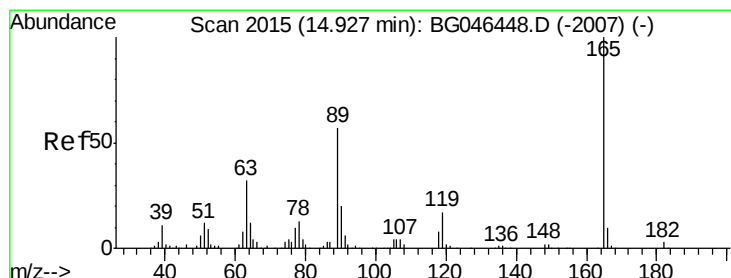
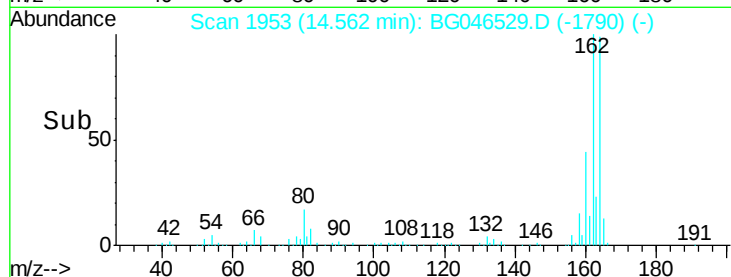
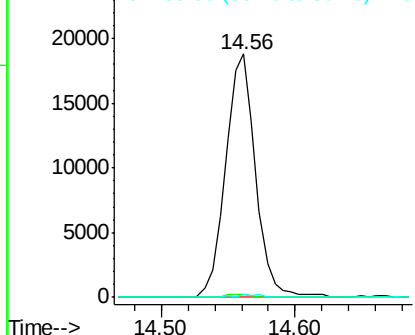
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.2	51.4#
89	1.0	37.0	55.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
2,4-Dinitrotoluene
Concen: 5.408 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.36 min
Lab File: BG046529.D
Acq: 3 Sep 2020 23:33

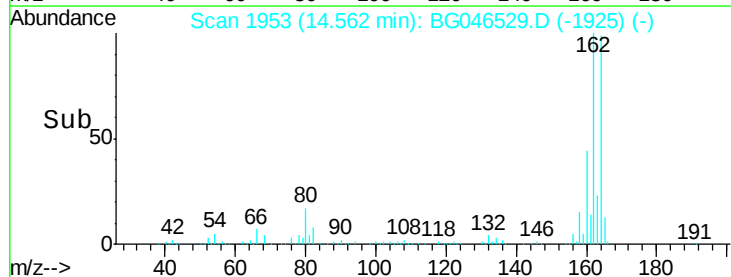
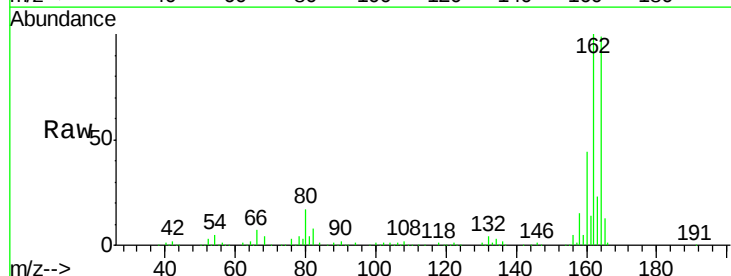
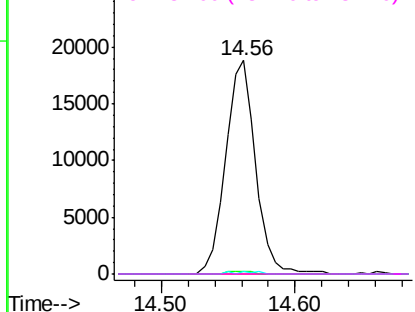
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.0	45.9	68.9#
182	0.0	2.3	3.5#

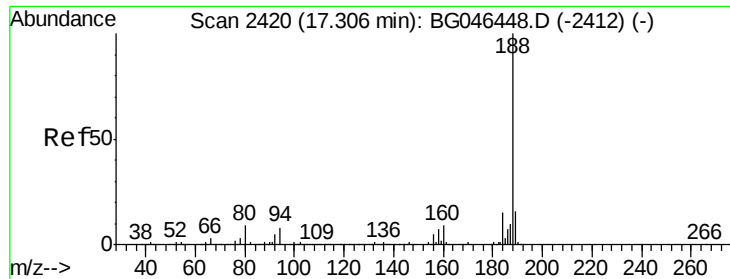
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG046529.D

Acq: 3 Sep 2020 23:33

Instrument :

BNA_G

ClientSampleId :

9-2-TP-1

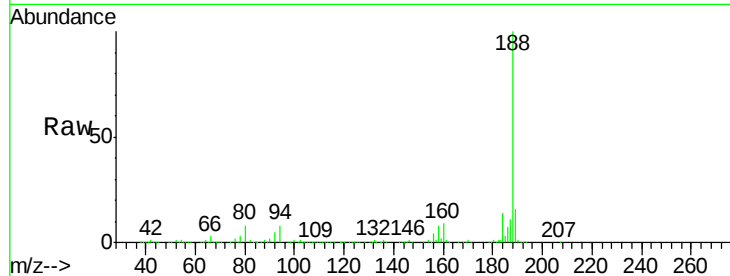
Tot Ion:188 Resp: 533684

Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

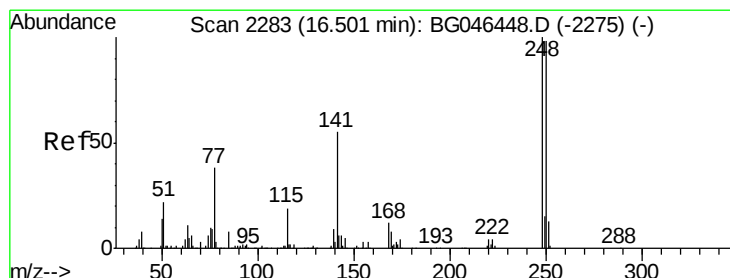
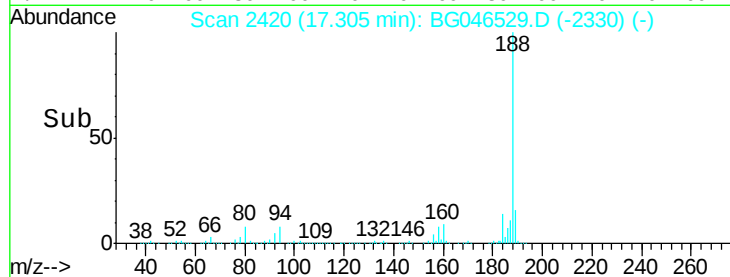
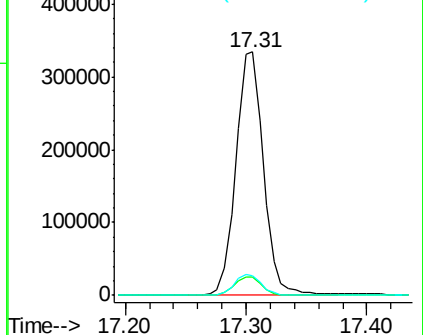
80 8.1 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 2.066 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.45 min

Lab File: BG046529.D

Acq: 3 Sep 2020 23:33

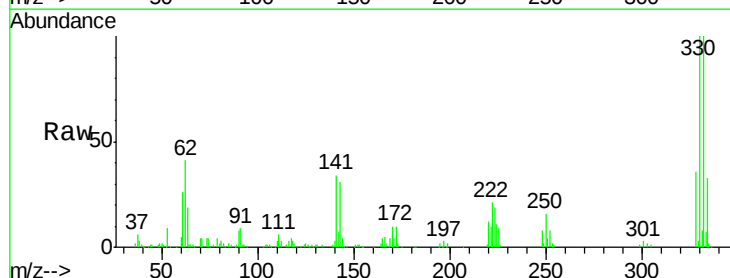
Tgt Ion:248 Resp: 12863

Ion Ratio Lower Upper

248 100

250 205.6 78.6 118.0#

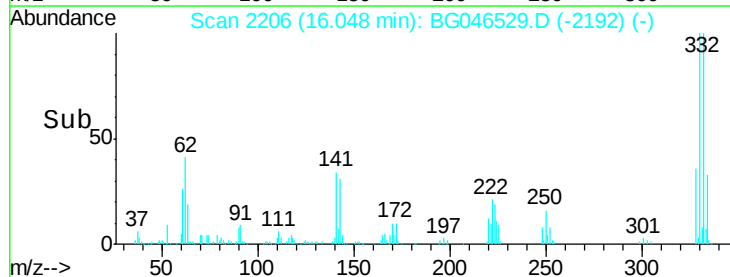
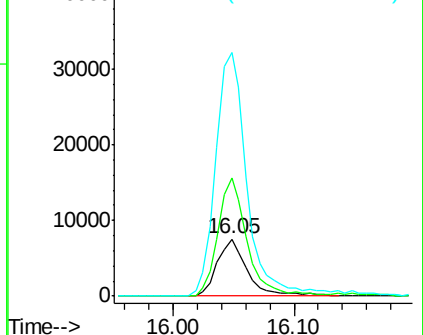
141 424.6 43.9 65.9#

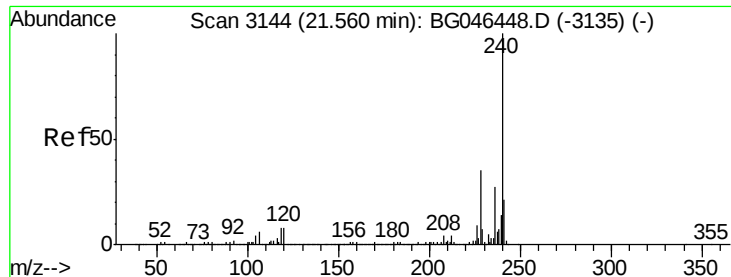


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

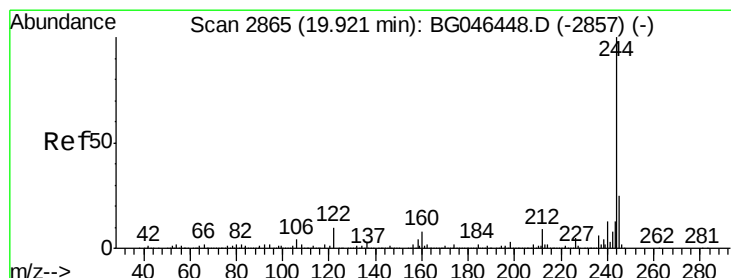
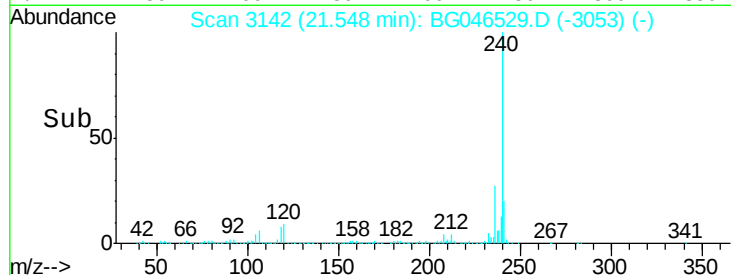
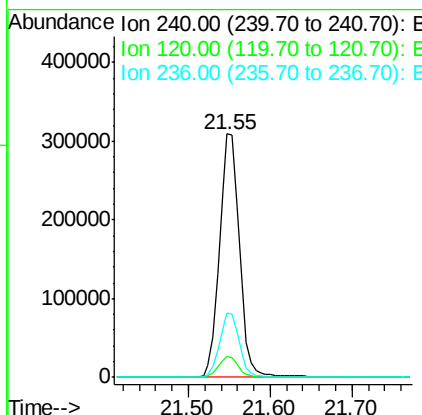
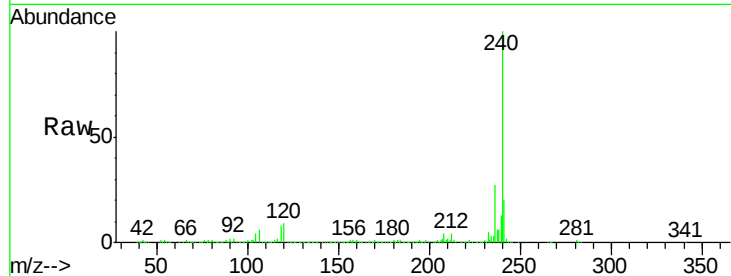




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG046529.D
 Acq: 3 Sep 2020 23:33

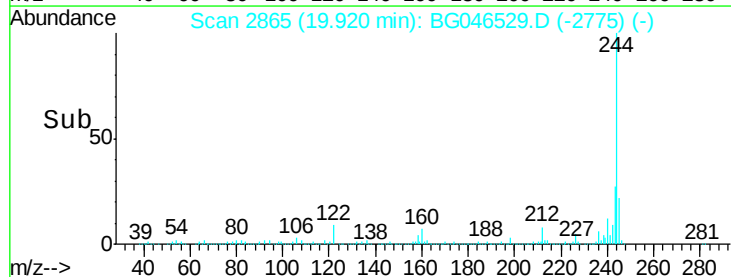
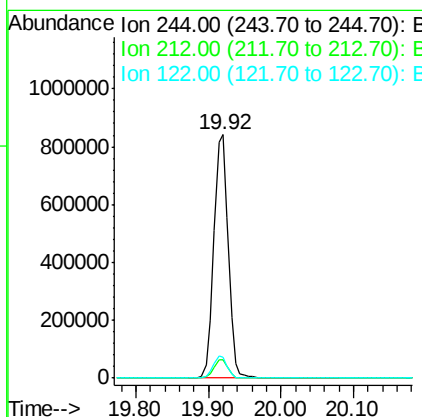
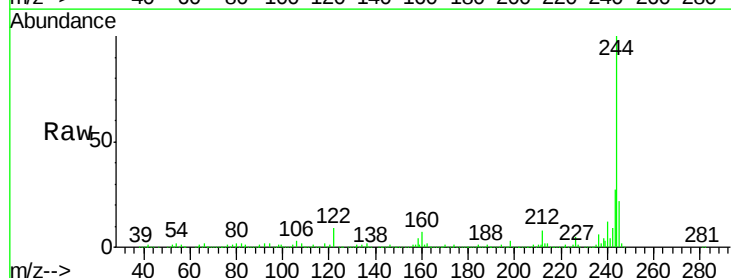
Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1

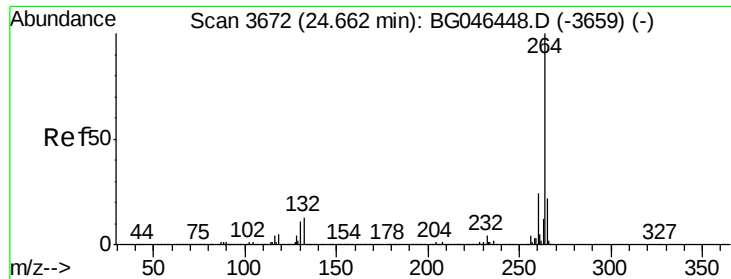
Tot Ion:240 Resp: 527232
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.6 10.0
 236 26.5 21.4 32.2



#79
 Terphenyl-d14
 Concen: 47.004 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. -0.00 min
 Lab File: BG046529.D
 Acq: 3 Sep 2020 23:33

Tgt Ion:244 Resp: 1164468
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.9 10.3
 122 8.7 8.2 12.4

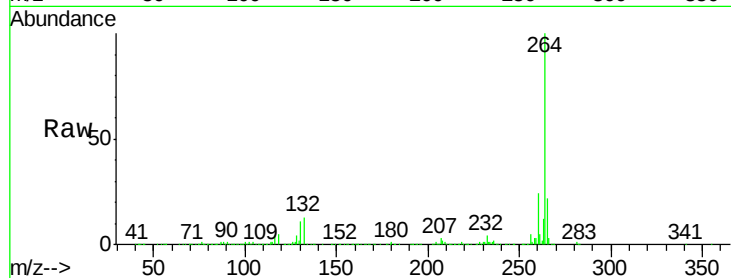




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.65 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG046529.D
 Acq: 3 Sep 2020 23:33

Instrument :
 BNA_G
 ClientSampleId :
 9-2-TP-1

Tot Ion: 264 Resp: 543456
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

