

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046474.D
 Acq On : 31 Aug 2020 18:32
 Operator : CG/JU
 Sample : L3828-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-2

Quant Time: Aug 31 19:11:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

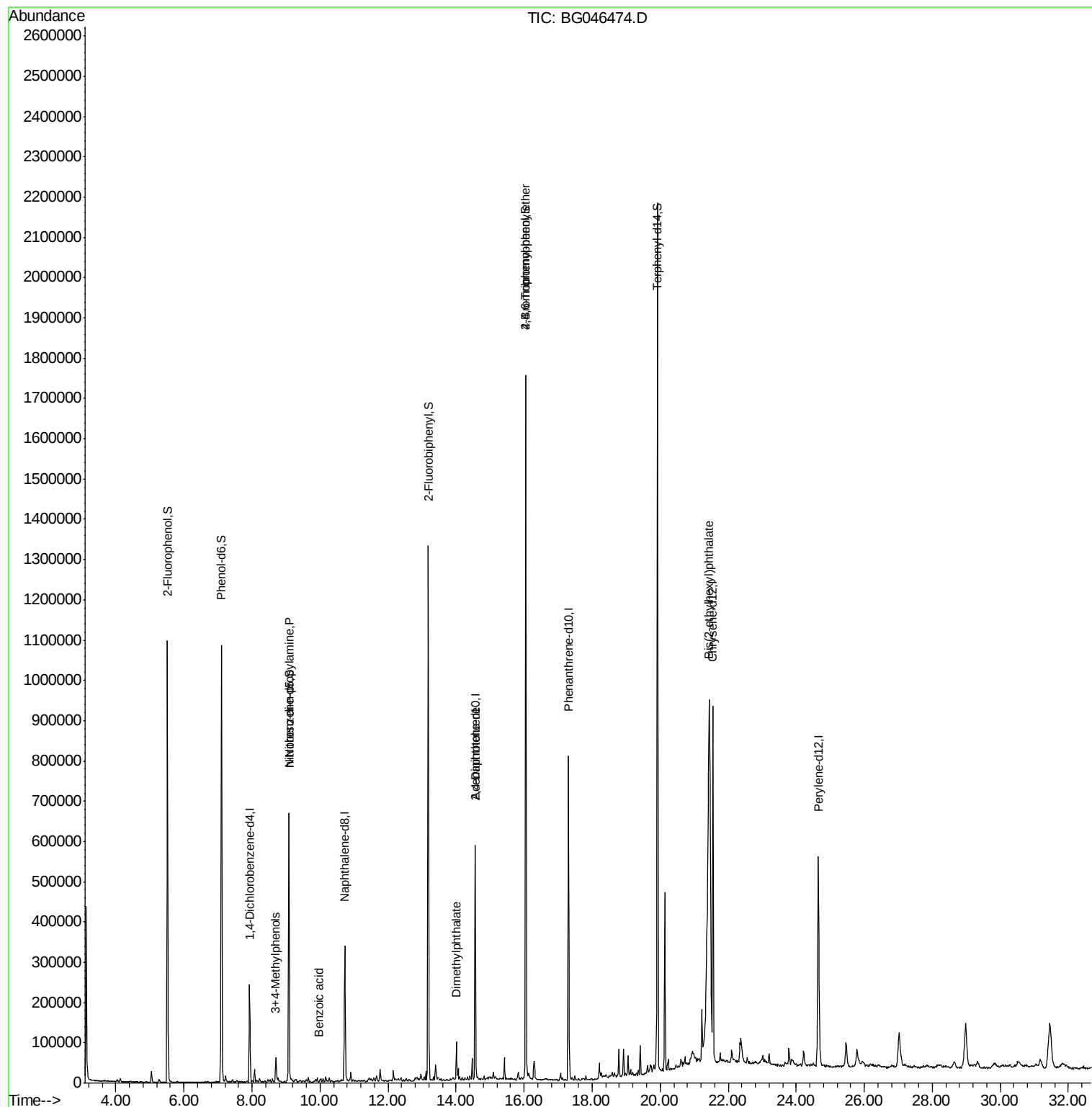
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	72359	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	301856	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	210554	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	533897	20.00	ng	0.00
76) Chrysene-d12	21.55	240	533750	20.00	ng	0.00
86) Perylene-d12	24.65	264	573026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	518730	126.97	ng	0.00
7) Phenol-d6	7.10	99	693344	119.72	ng	0.00
23) Nitrobenzene-d5	9.09	82	417186	78.99	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	336782	118.05	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	718465	52.09	ng	0.00
79) Terphenyl-d14	19.92	244	1030049	41.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.09	70	54364	15.693	ng	Qvalue # 77
20) 3+4-Methylphenols	8.70	107	31945	6.118	ng	95
32) Benzoic acid	9.96	122	54	4.492	ng	# 1
50) Dimethylphthalate	14.01	163	70332	4.318	ng	97
57) 2,4-Dinitrotoluene	14.56	165	28390	5.545	ng	# 32
67) 4-Bromophenyl-phenylether	16.05	248	25683	4.123	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.45	149	61245	3.385	ng	# 63

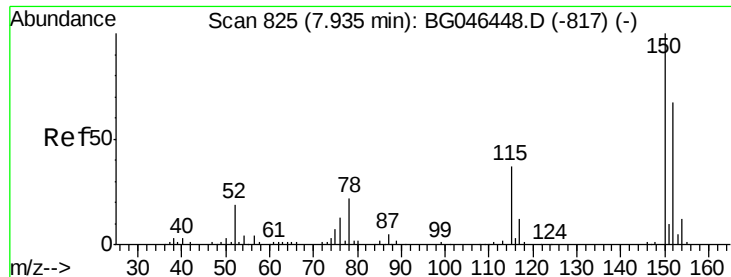
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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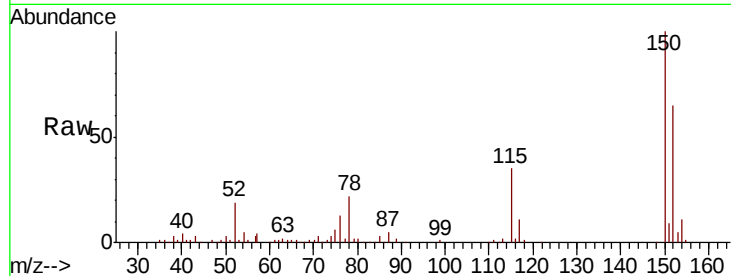


#1

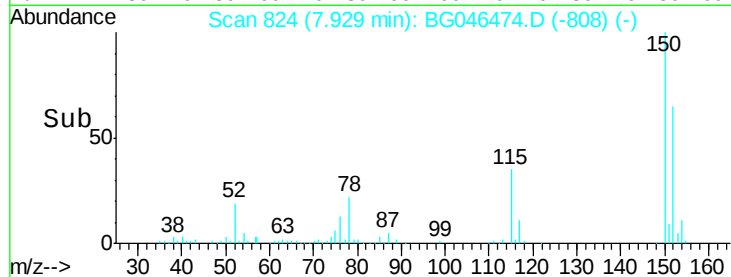
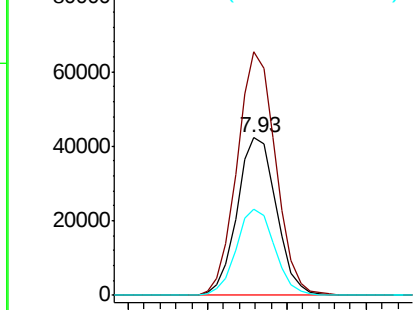
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Instrument :
BNA_G
ClientSampled :
BS-2

Tot Ion:152 Resp: 72359
Ion Ratio Lower Upper
152 100
150 154.6 119.5 179.3
115 54.7 44.3 66.5



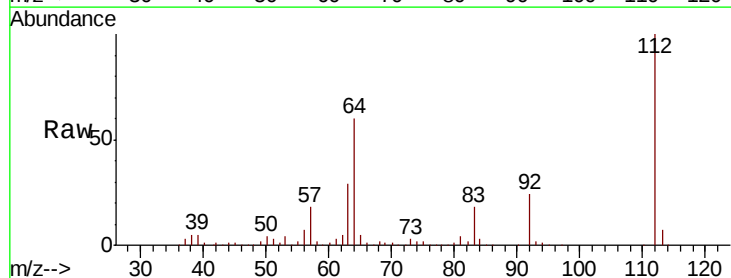
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



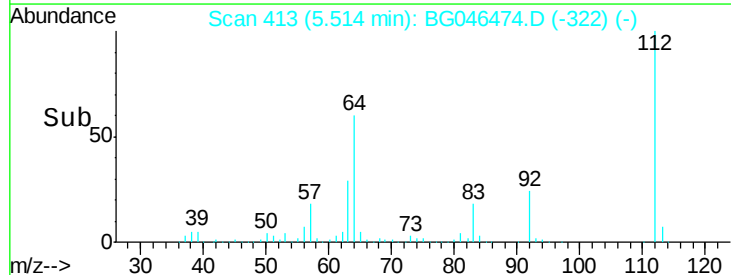
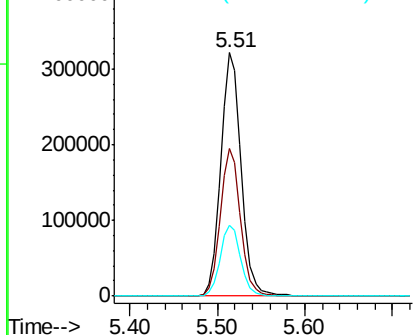
#5

2-Fluorophenol
Concen: 126.973 ng
RT: 5.51 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Tgt Ion:112 Resp: 518730
Ion Ratio Lower Upper
112 100
64 60.4 47.0 70.6
63 29.1 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: 119.720 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Instrument :

BNA_G

ClientSampleId :

BS-2

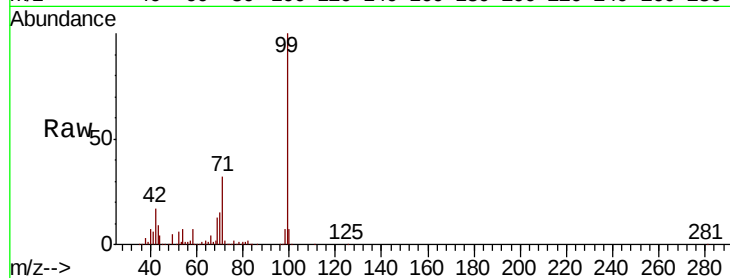
Tot Ion: 99 Resp: 693344

Ion Ratio Lower Upper

99 100

42 16.5 13.3 19.9

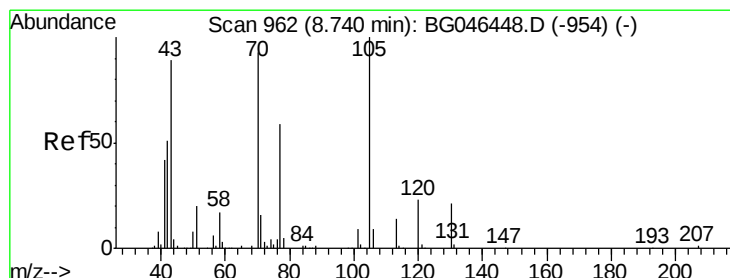
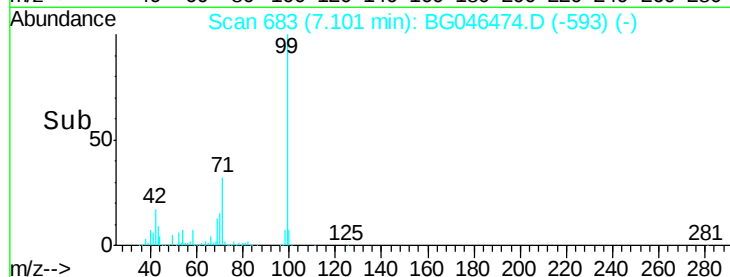
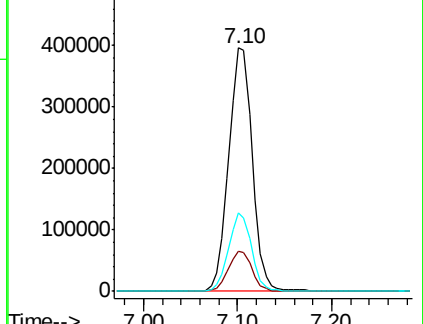
71 32.3 25.3 37.9



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: 15.693 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Tgt Ion: 70 Resp: 54364

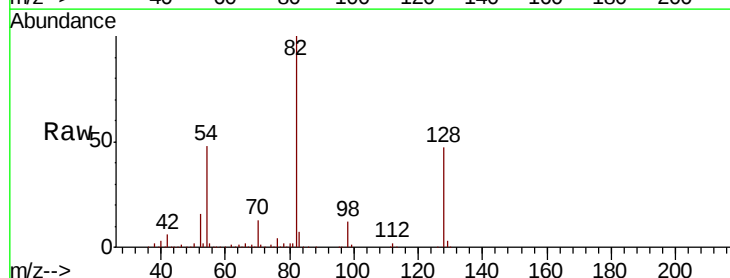
Ion Ratio Lower Upper

70 100

42 44.0 44.2 66.2#

101 0.0 7.8 11.8#

130 2.9 18.2 27.4#

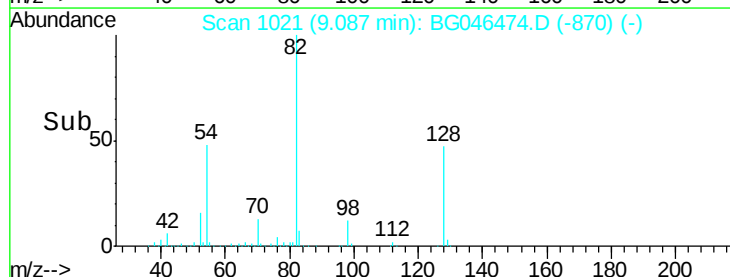
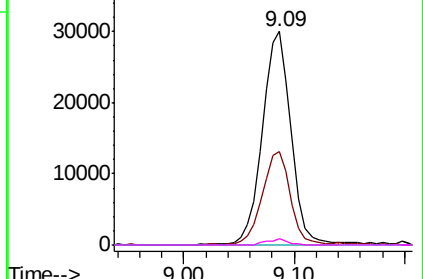


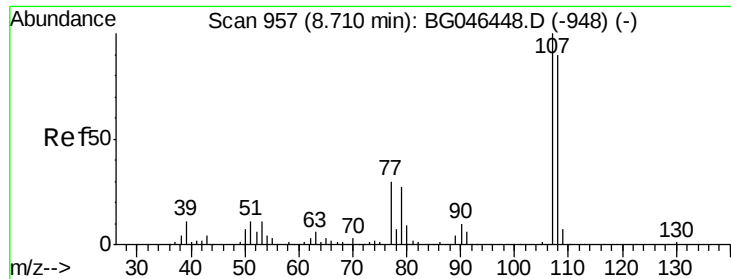
Abundance Ion 70.00 (69.70 to 70.70): BGC

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





#20

3+4-Methylphenols

Concen: 6.118 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Instrument :

BNA_G

ClientSampleId :

BS-2

Tot Ion:107 Resp: 31945

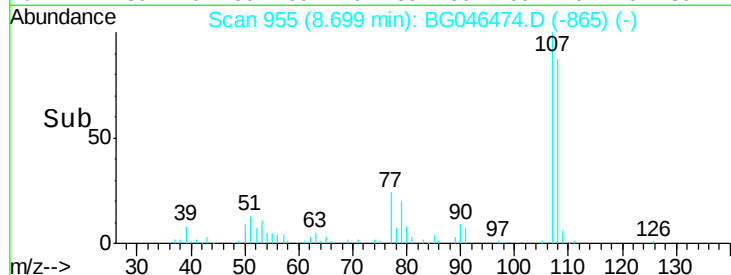
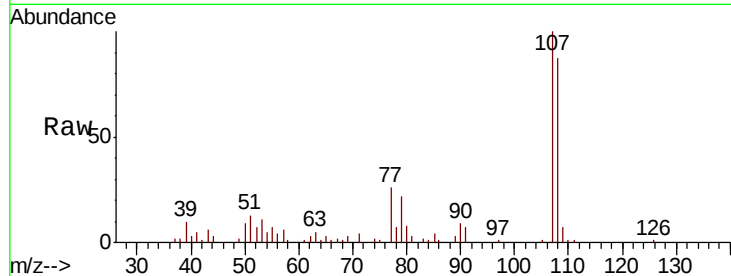
Ion Ratio Lower Upper

107 100

108 86.8 69.7 109.7

77 25.6 9.7 49.7

79 21.7 6.9 46.9

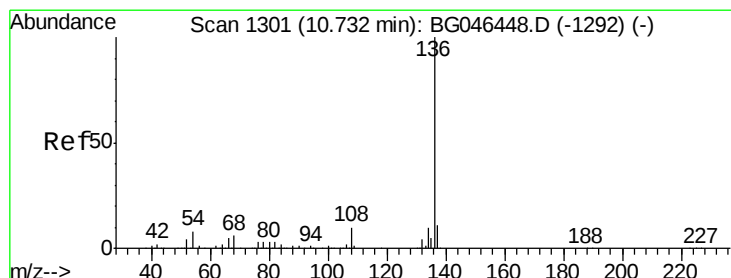
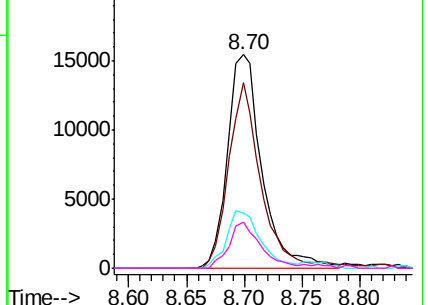


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Tgt Ion:136 Resp: 301856

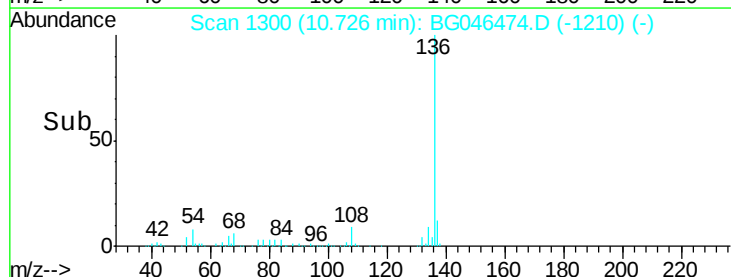
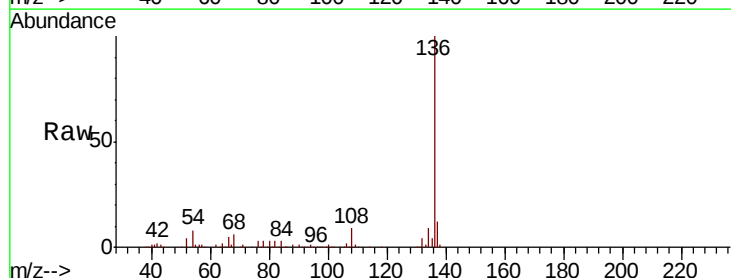
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 8.3 6.1 9.1

68 5.9 4.8 7.2

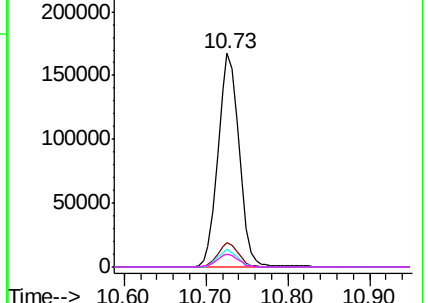


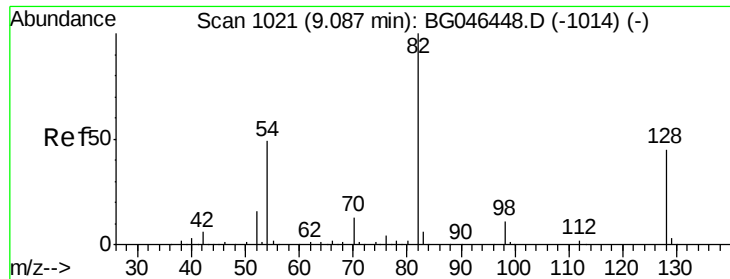
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

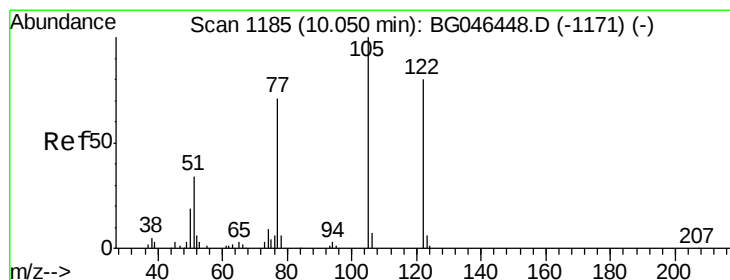
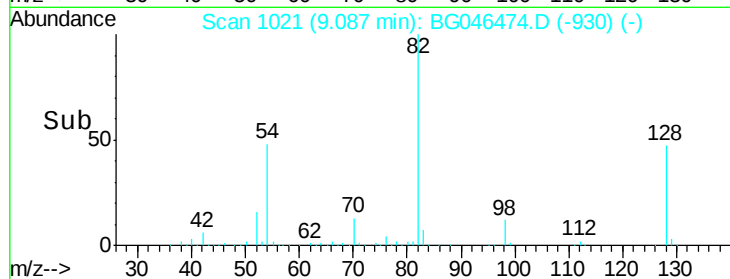
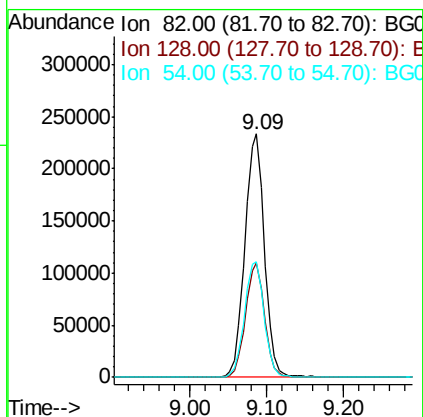
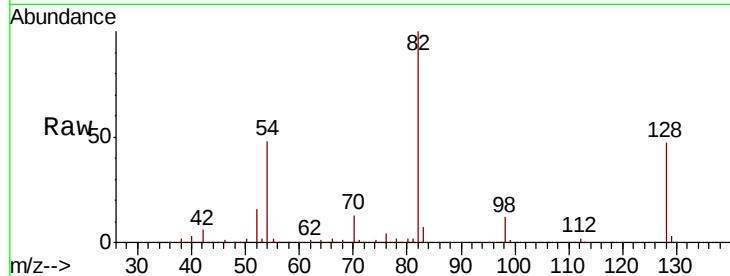




#23
Nitrobenzene-d5
Concen: 78.992 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

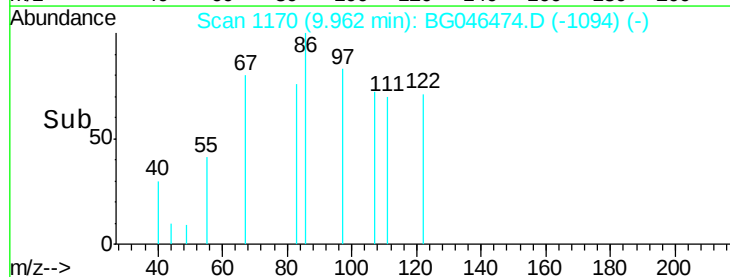
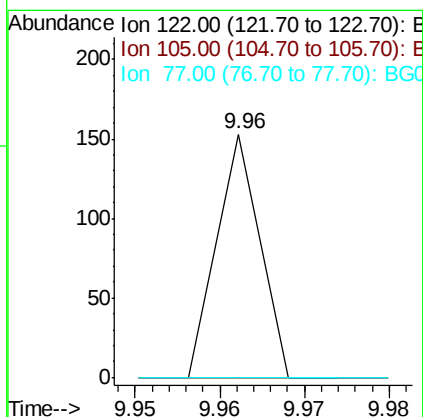
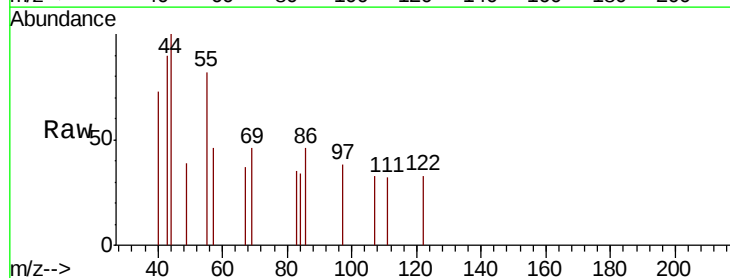
Instrument :
BNA_G
ClientSampleId :
BS-2

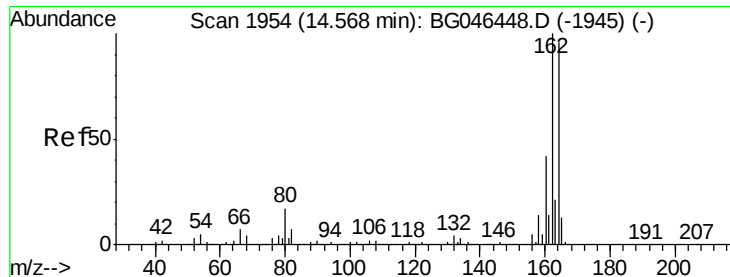
Tot Ion	82	Resp	417186
Ion Ratio	100	Lower	Upper
128	46.9	35.7	53.5
54	47.7	39.4	59.0



#32
Benzoic acid
Concen: 4.492 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.09 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Tgt Ion	122	Resp	54
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	0.0	102.5	142.5#
77	0.0	68.2	108.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Instrument :

BNA_G

ClientSampleId :

BS-2

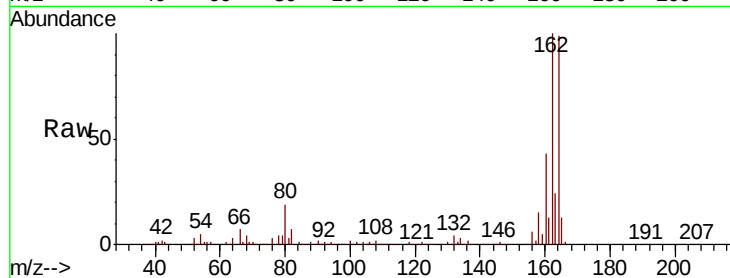
Tot Ion:164 Resp: 210554

Ion Ratio Lower Upper

164 100

162 100.9 83.3 124.9

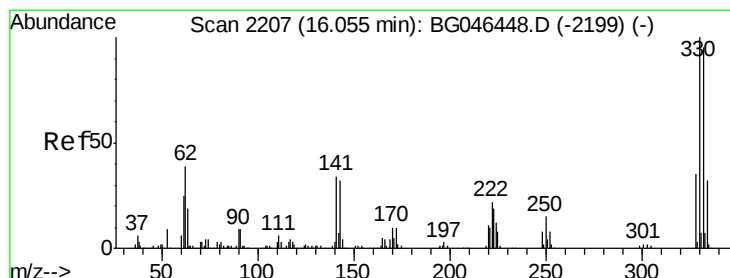
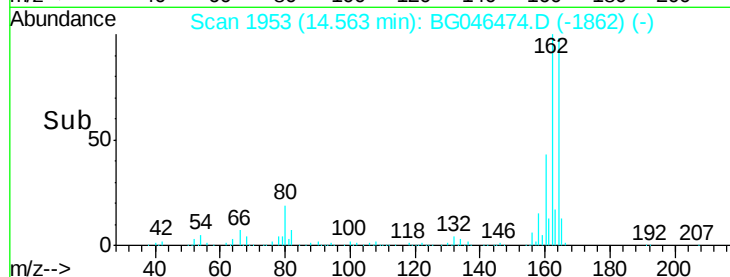
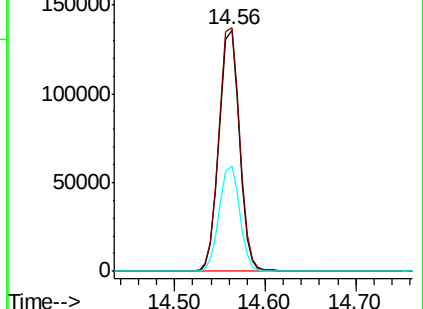
160 43.5 35.0 52.6



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: 118.051 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

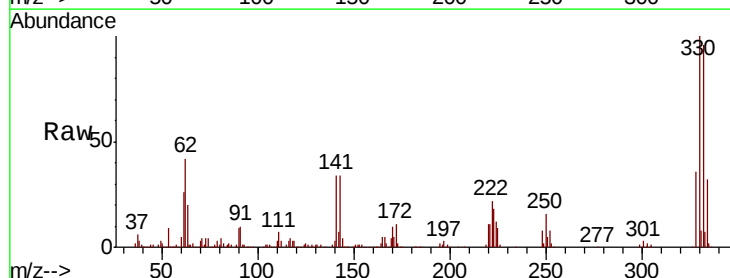
Tgt Ion:330 Resp: 336782

Ion Ratio Lower Upper

330 100

332 95.9 76.1 114.1

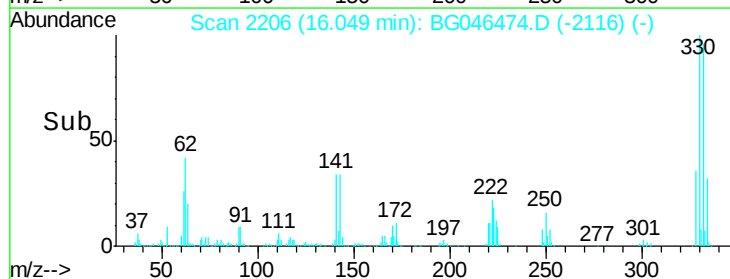
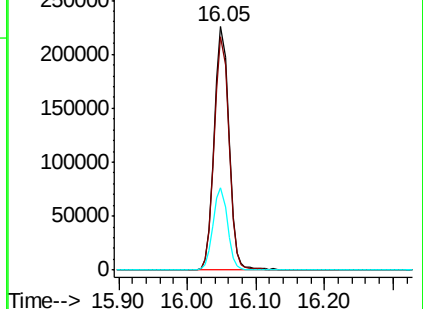
141 33.7 26.1 39.1

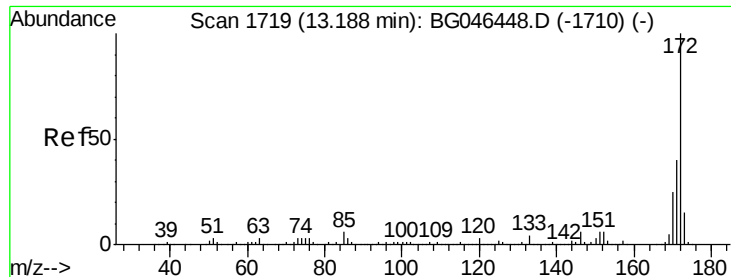


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

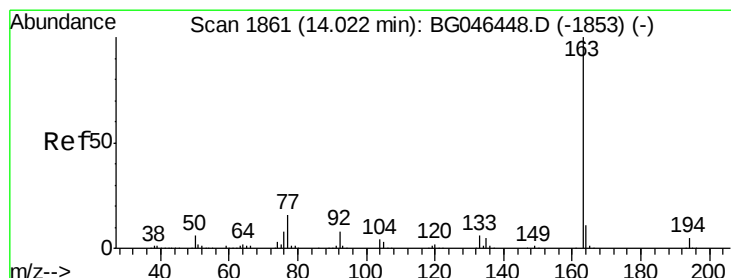
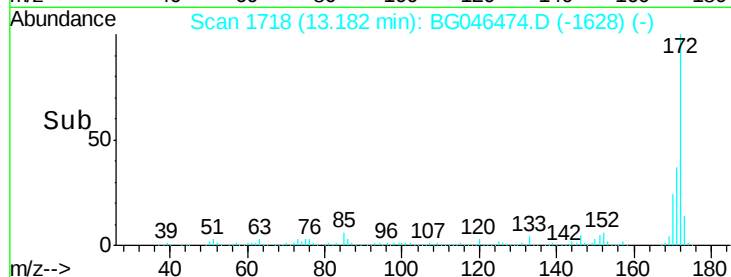
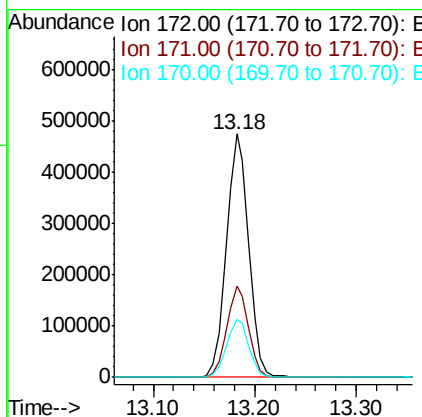
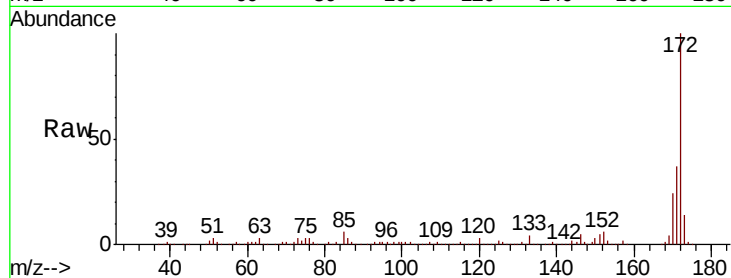




#45
2-Fluorobiphenyl
Concen: 52.090 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

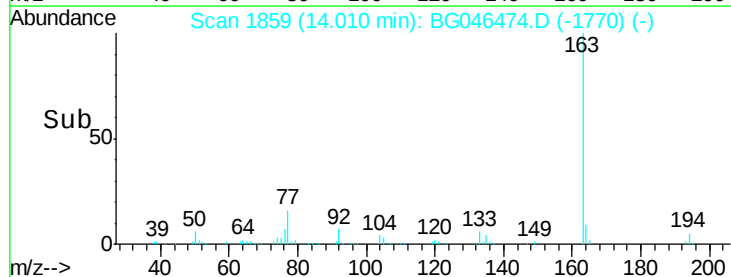
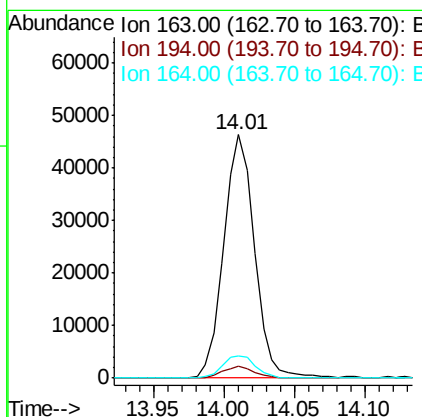
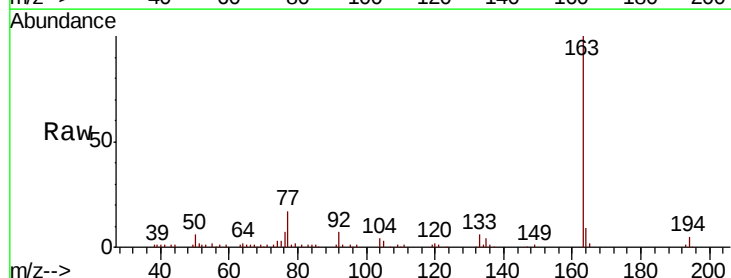
Instrument :
BNA_G
ClientSampleId :
BS-2

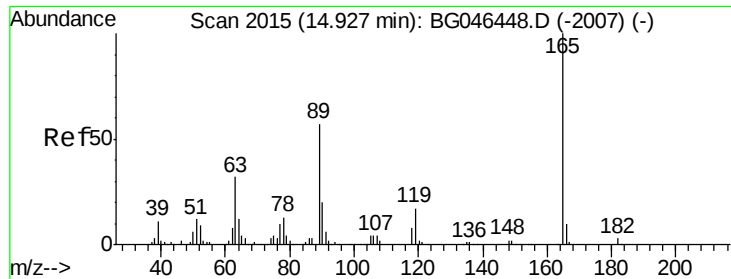
Tot Ion:172 Resp: 718465
Ion Ratio Lower Upper
172 100
171 37.3 31.8 47.6
170 24.0 20.3 30.5



#50
Dimethylphthalate
Concen: 4.318 ng
RT: 14.01 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Tgt Ion:163 Resp: 70332
Ion Ratio Lower Upper
163 100
194 4.8 3.7 5.5
164 9.2 8.6 12.8

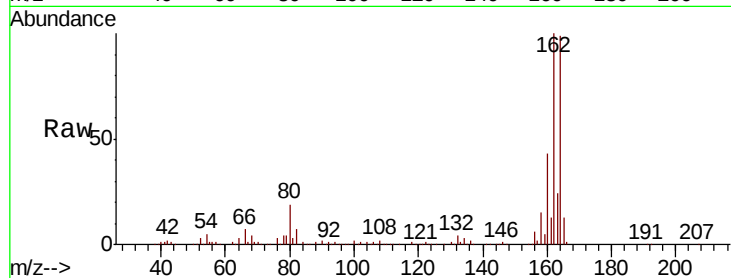




#57
 2,4-Dinitrotoluene
 Concen: 5.545 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.36 min
 Lab File: BG046474.D
 Acq: 31 Aug 2020 18:32

Instrument :
 BNA_G
 ClientSampled :
 BS-2

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	0.0	45.9	68.9#
182	0.0	2.3	3.5#

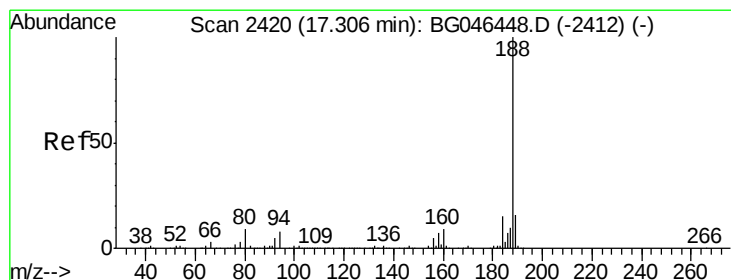
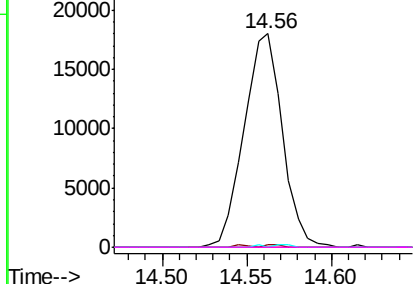
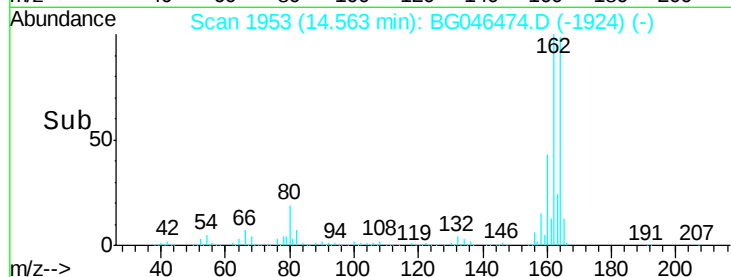


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

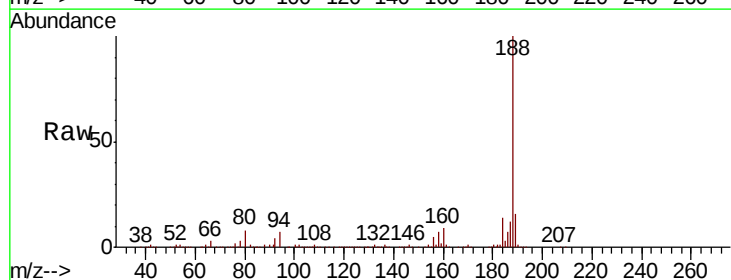
Ion 89.00 (88.70 to 89.70): BGC

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: BG046474.D
 Acq: 31 Aug 2020 18:32

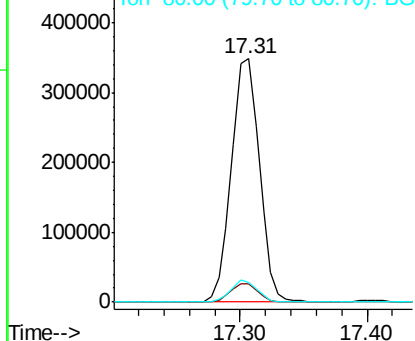
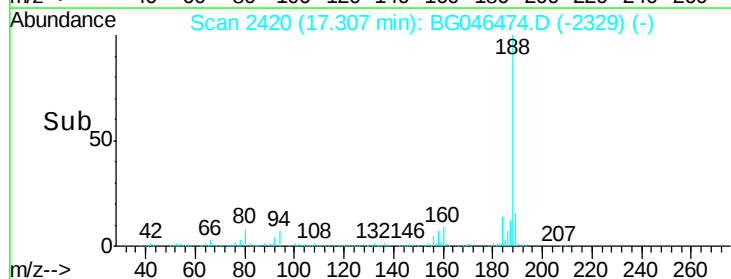
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.3	9.5
80	7.8	6.9	10.3

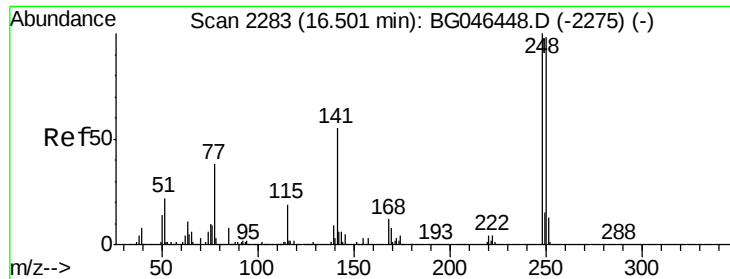


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

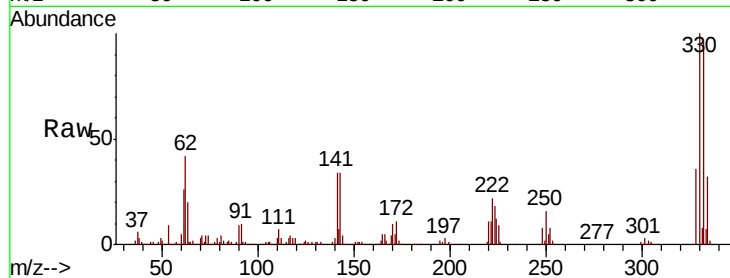




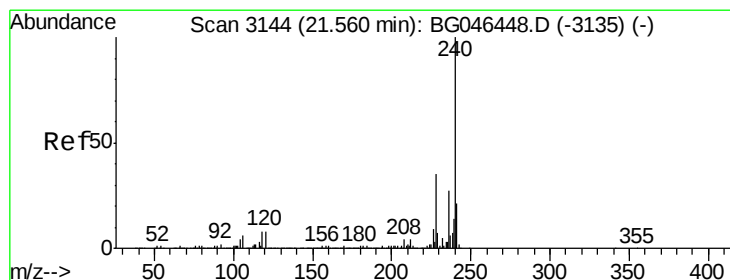
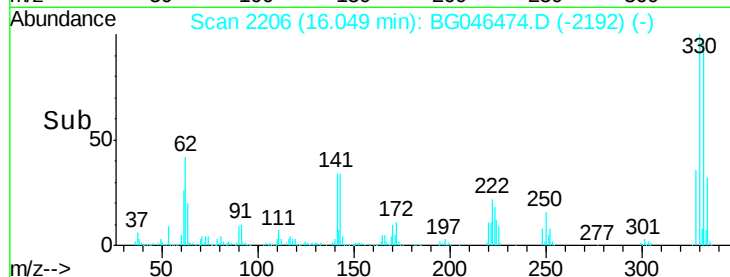
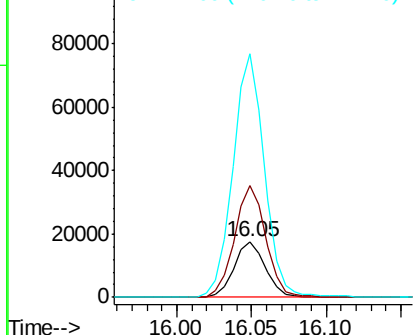
#67
4-Bromophenyl-phenylether
Concen: 4.123 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.45 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Instrument :
BNA_G
ClientSampled :
BS-2

Tot Ion:248 Resp: 25683
Ion Ratio Lower Upper
248 100
250 201.9 78.6 118.0#
141 438.7 43.9 65.9#

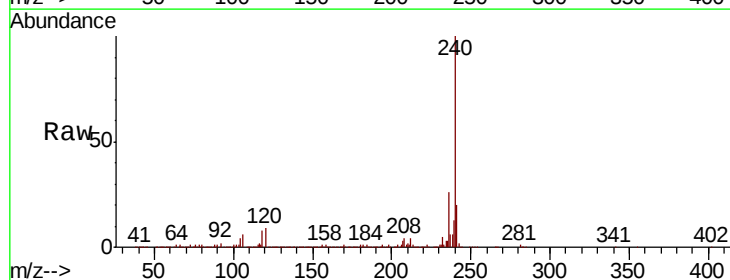


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

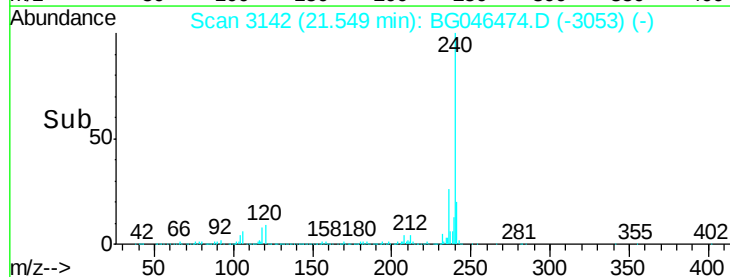
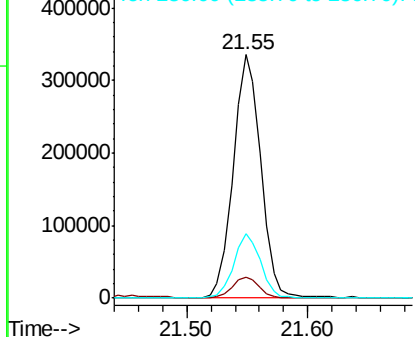


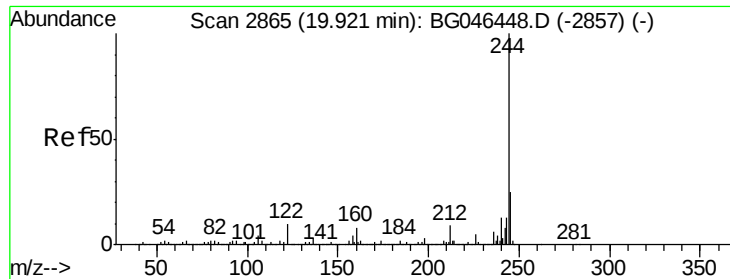
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Tgt Ion:240 Resp: 533750
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 26.4 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 41.070 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Instrument :

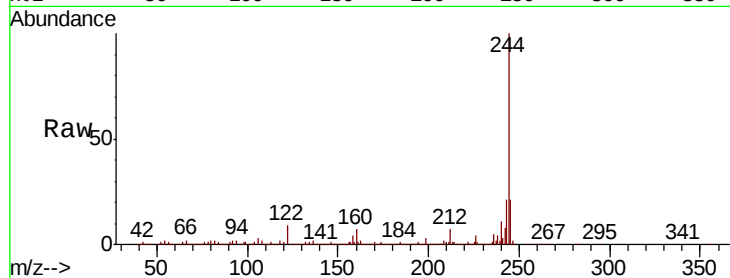
BNA_G

ClientSampleId :

BS-2

Tot Ion:244 Resp: 1030049

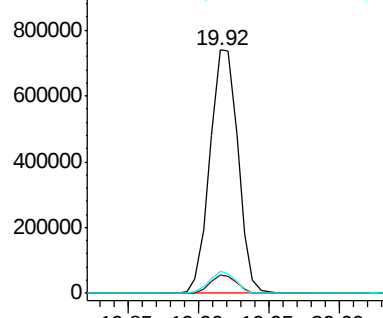
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.9	10.3
122	8.9	8.2	12.4



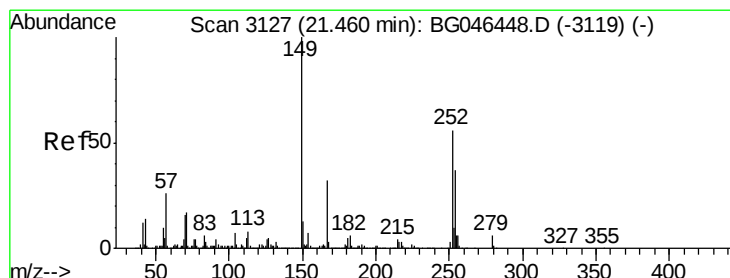
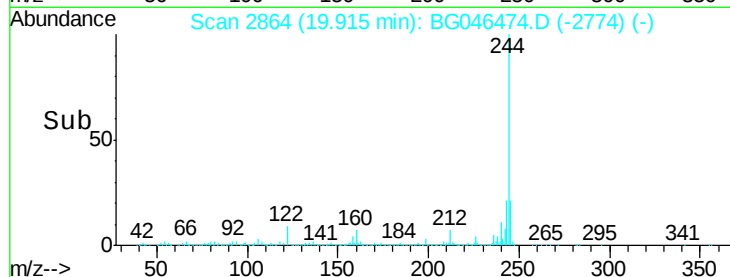
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.385 ng

RT: 21.45 min Scan# 3125

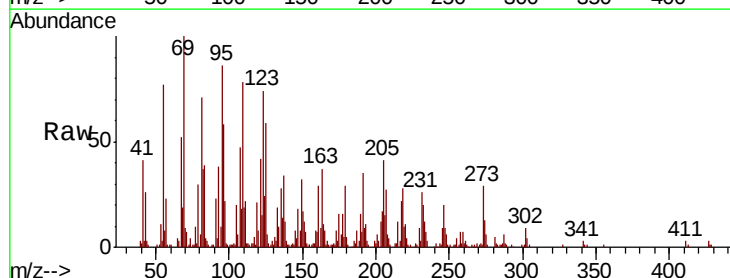
Delta R.T. -0.01 min

Lab File: BG046474.D

Acq: 31 Aug 2020 18:32

Tgt Ion:149 Resp: 61245

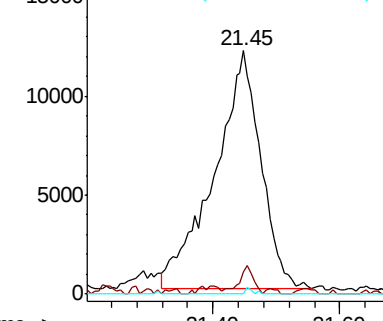
Ion	Ratio	Lower	Upper
149	100		
167	9.1	25.4	38.2#
279	0.0	4.5	6.7#



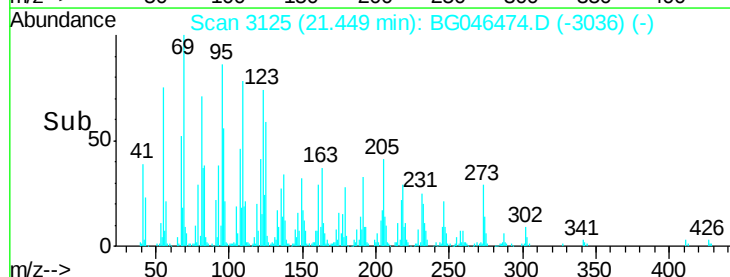
Abundance Ion 149.00 (148.70 to 149.70): E

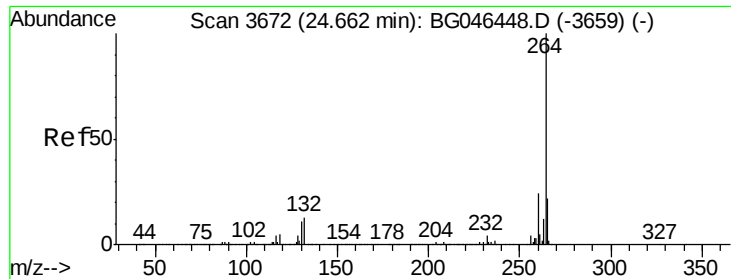
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046474.D
Acq: 31 Aug 2020 18:32

Instrument :
BNA_G
ClientSampleId :
BS-2

Tot Ion: 264 Resp: 573026

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.8	17.9	26.9

