

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038829.D
 Acq On : 26 Dec 2018 14:18
 Operator : JU/SJ
 Sample : J6505-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 26 15:54:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

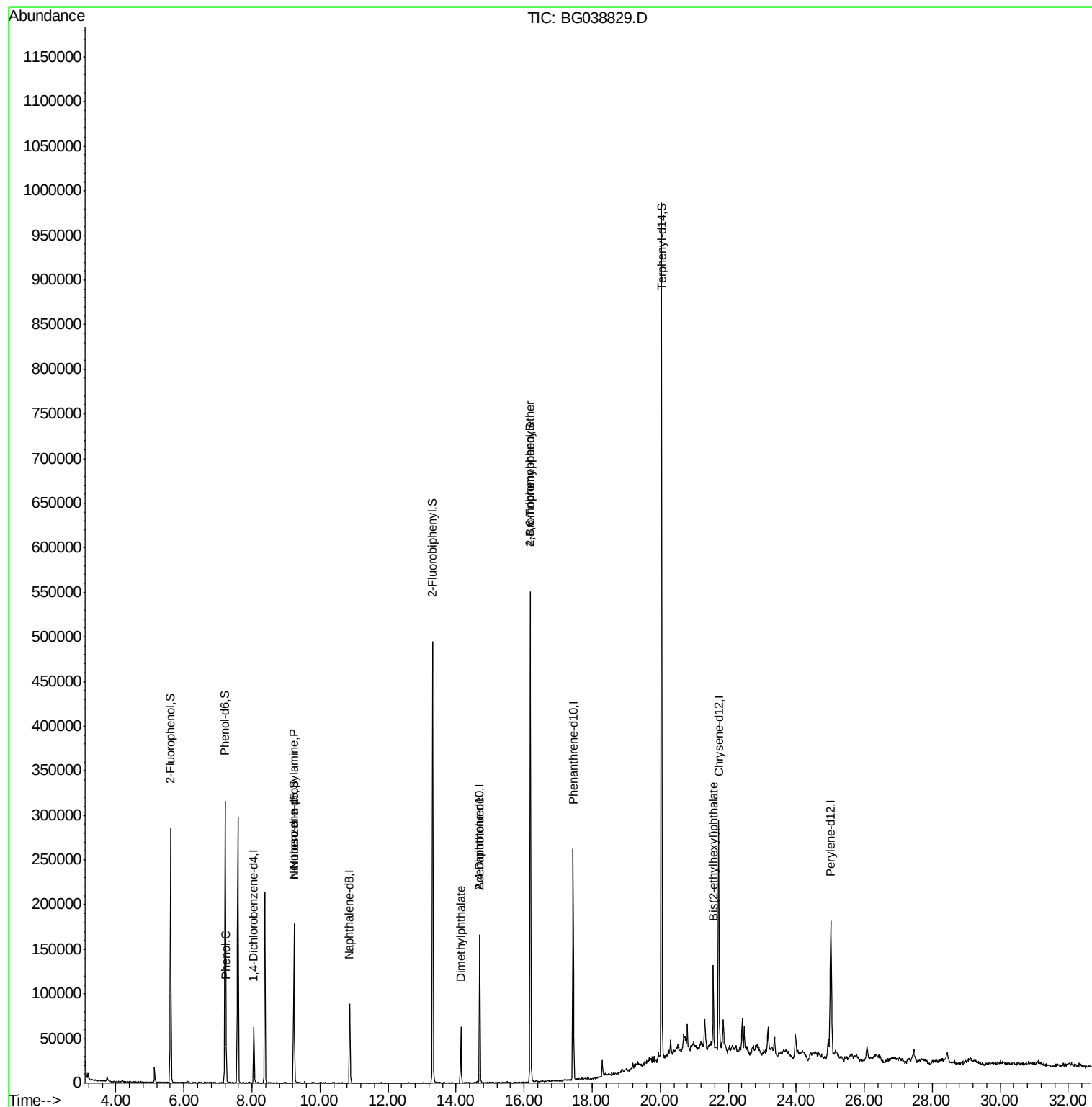
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	19719	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	81081	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62319	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	169965	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164186	20.00	ng	0.00
87) Perylene-d12	25.02	264	182707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	126507	113.79	ng	0.00
7) Phenol-d6	7.21	99	181356	118.82	ng	0.00
23) Nitrobenzene-d5	9.23	82	110491	69.62	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	119764	139.44	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	278903	61.40	ng	0.00
79) Terphenyl-d14	20.04	244	503576	66.75	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13159	8.115	ng	95
19) n-Nitroso-di-n-propylamine	9.23	70	14129	13.181	ng	# 68
50) Dimethylphthalate	14.14	163	48443	9.519	ng	97
57) 2,4-Dinitrotoluene	14.69	165	7983	4.915	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	7738	3.728	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.57	149	41962	6.982	ng	94

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

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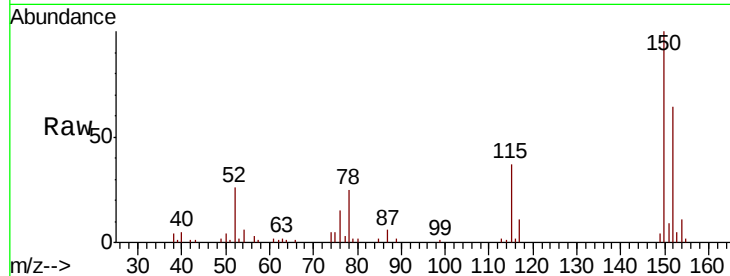


#1

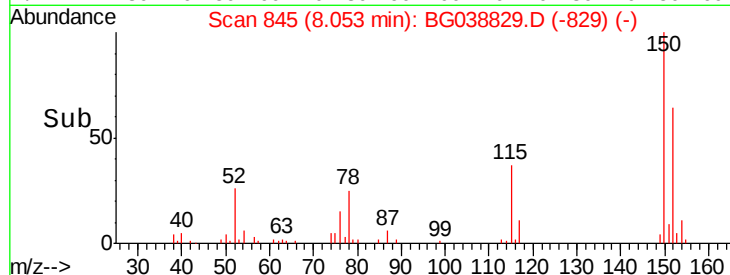
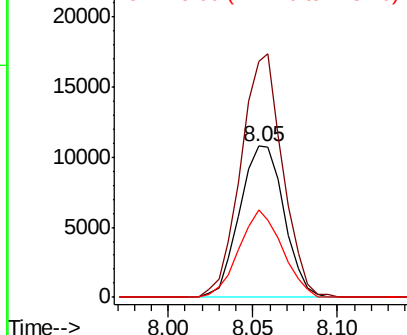
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 19719
Ion Ratio Lower Upper
152 100
150 156.1 119.5 179.3
115 58.2 49.6 74.4



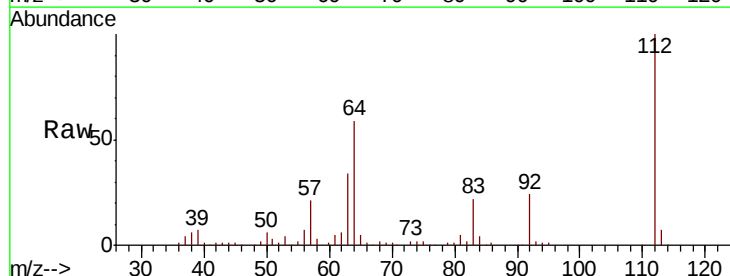
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



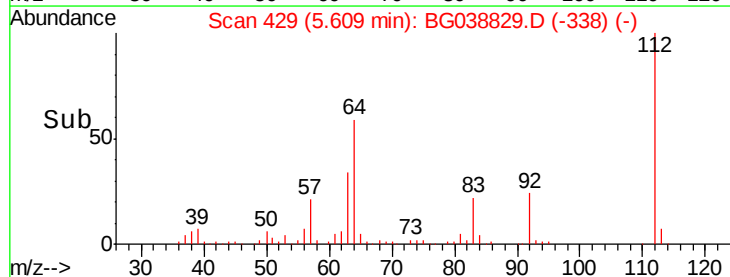
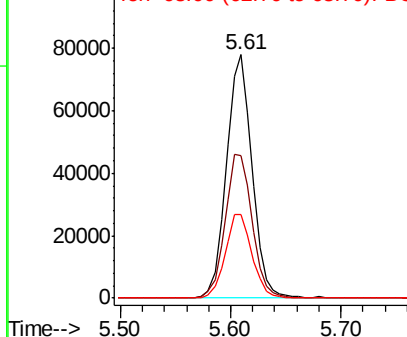
#5

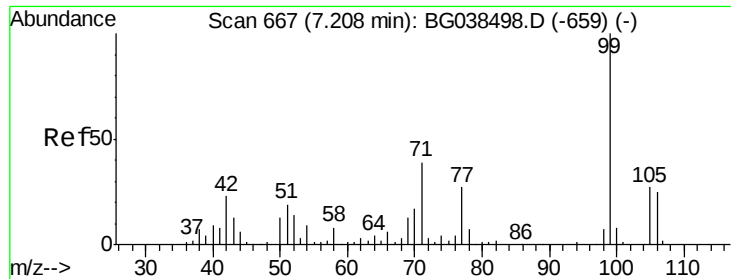
2-Fluorophenol
Concen: 113.788 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Tgt Ion:112 Resp: 126507
Ion Ratio Lower Upper
112 100
64 58.7 53.4 80.2
63 34.3 29.3 43.9



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: 118.825 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

Instrument :

BNA_E

ClientSampled :

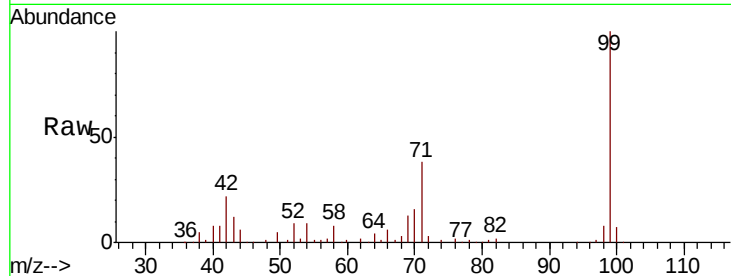
Tot Ion: 99 Resp: 181356

Ion Ratio Lower Upper

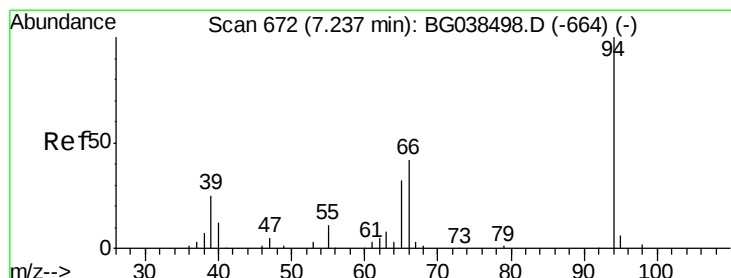
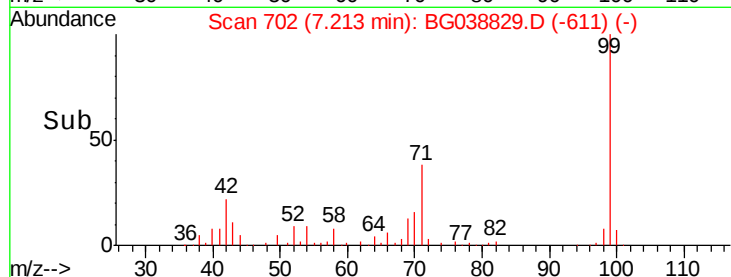
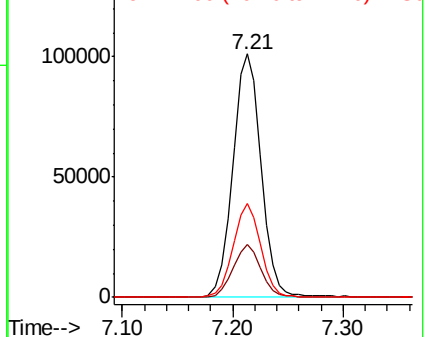
99 100

42 22.0 18.5 27.7

71 38.4 31.1 46.7



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



#10

Phenol

Concen: 8.115 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

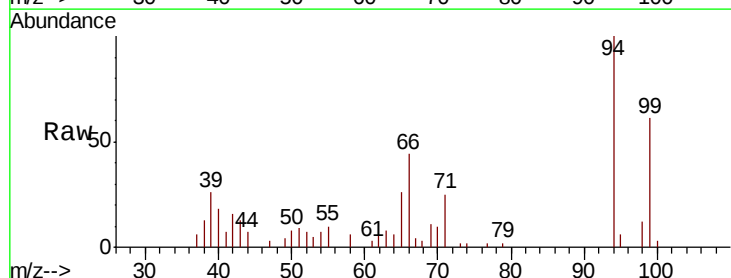
Tgt Ion: 94 Resp: 13159

Ion Ratio Lower Upper

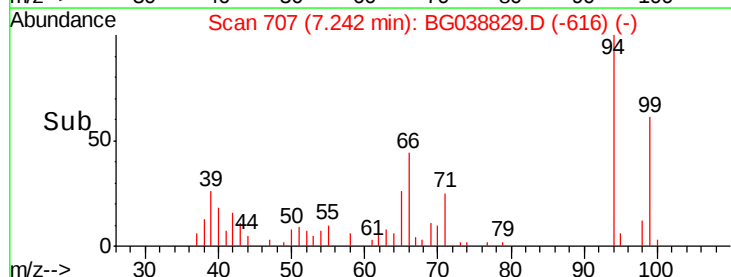
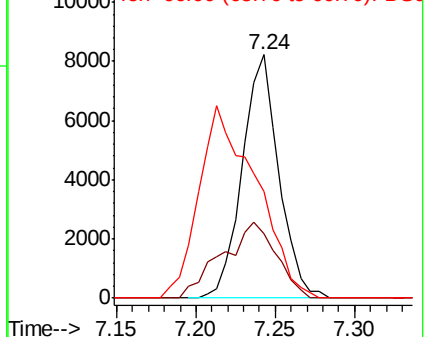
94 100

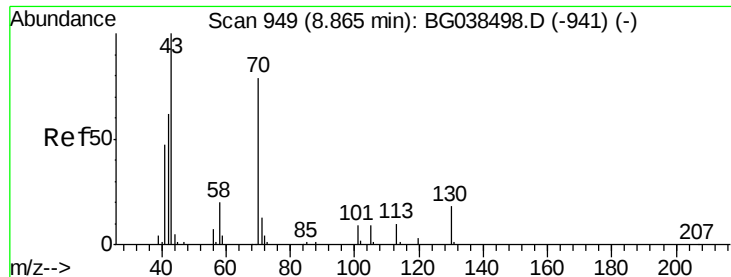
65 26.5 12.6 52.6

66 43.7 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 13.181 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

Instrument :

BNA_E

ClientSampled :

Tot Ion: 70 Resp: 14129

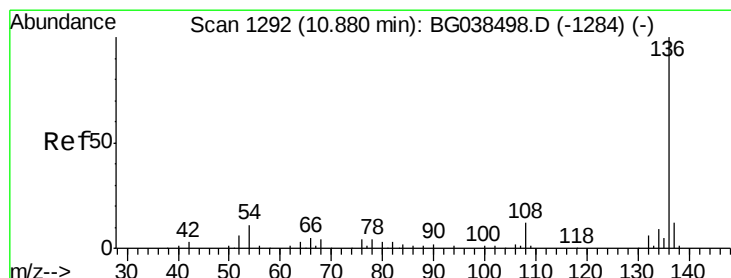
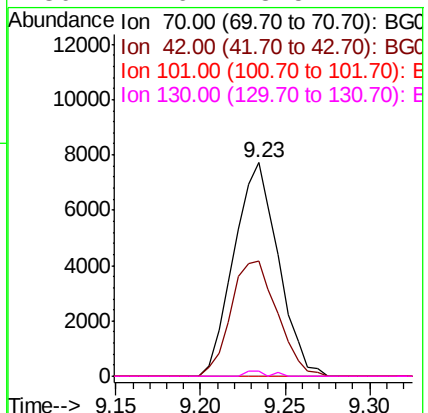
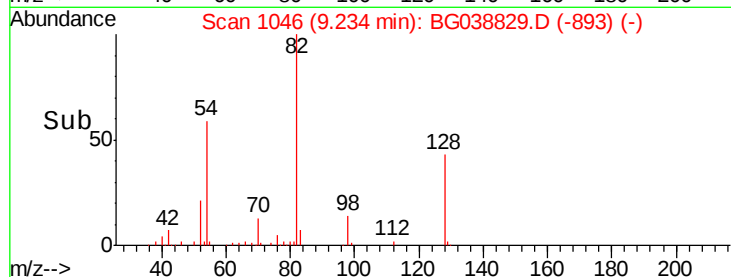
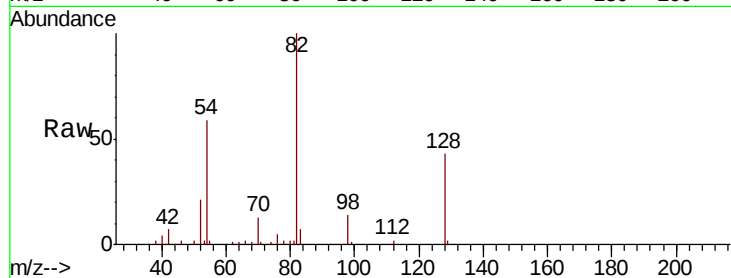
Ion Ratio Lower Upper

70 100

42 54.0 63.6 95.4#

101 0.0 9.2 13.8#

130 2.6 18.5 27.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

Tgt Ion: 136 Resp: 81081

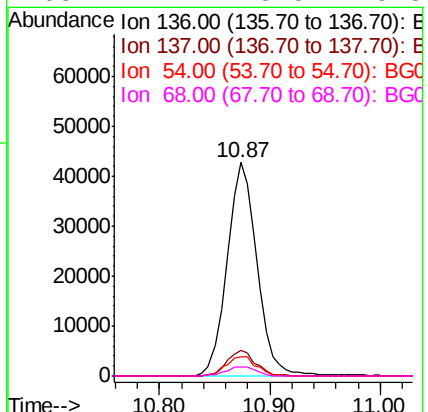
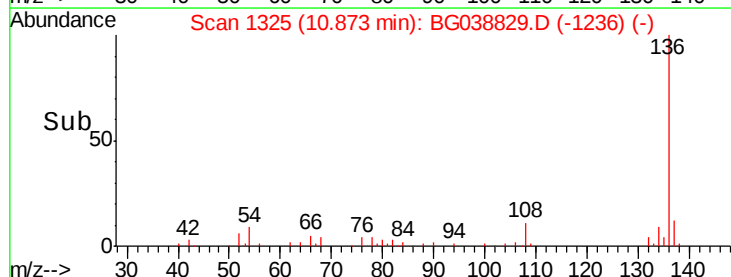
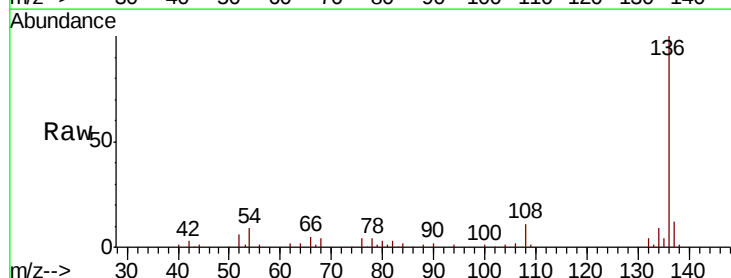
Ion Ratio Lower Upper

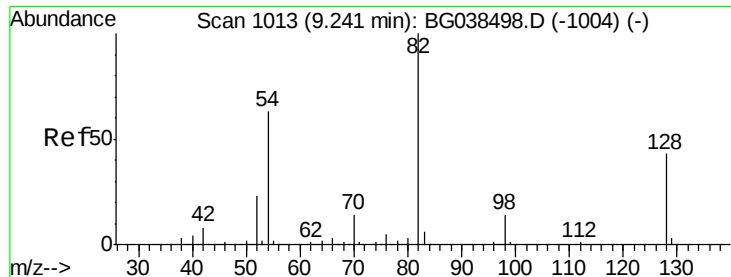
136 100

137 12.1 9.3 13.9

54 9.2 8.5 12.7

68 4.4 3.5 5.3

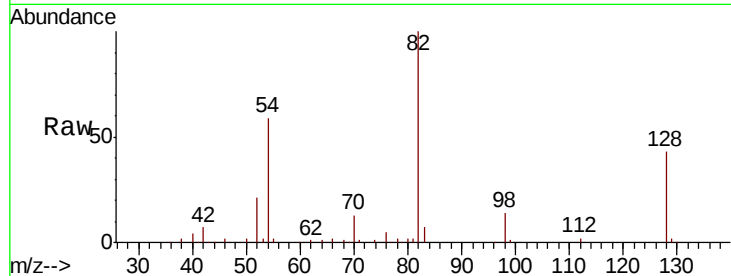




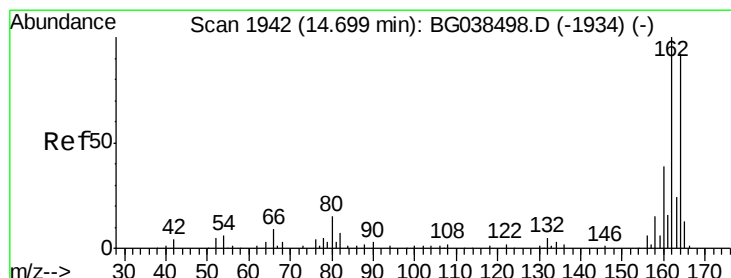
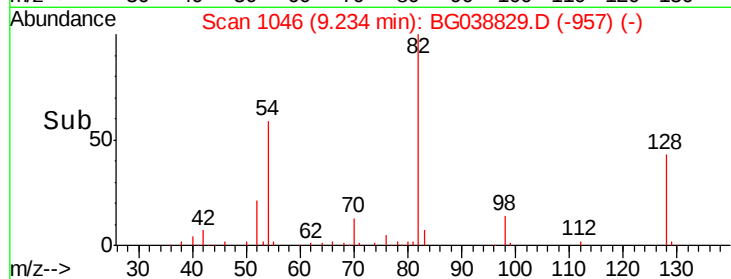
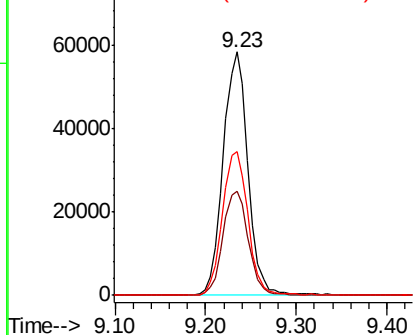
#23
 Nitrobenzene-d5
 Concen: 69.618 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038829.D
 Acq: 26 Dec 2018 14:18

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 82 Resp: 110491
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 52.0
 54 59.0 50.6 76.0

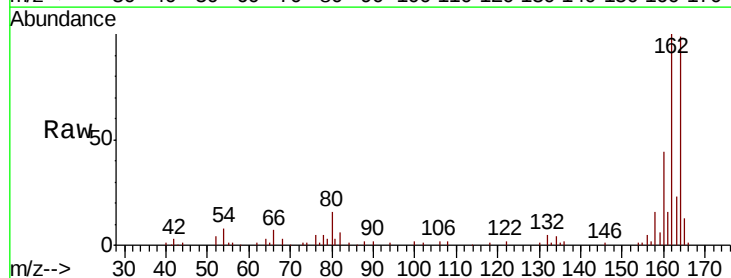


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

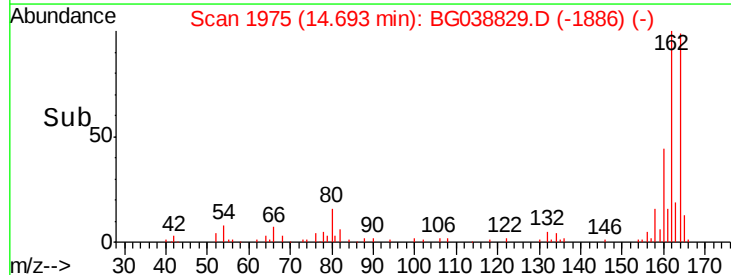
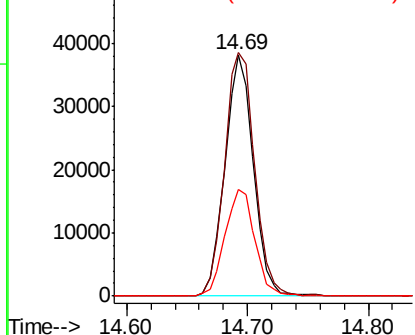


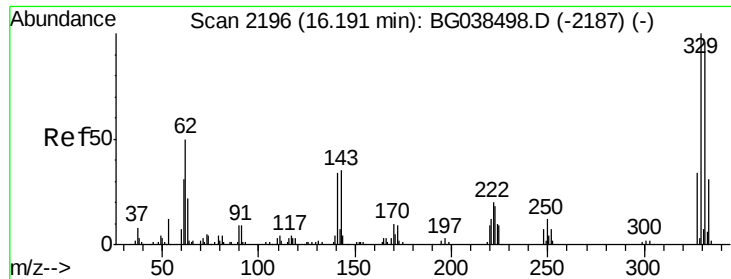
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038829.D
 Acq: 26 Dec 2018 14:18

Tgt Ion:164 Resp: 62319
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.6 130.0
 160 44.0 34.2 51.2



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





#42

2,4,6-Tribromophenol

Concen: 139.444 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

Instrument :

BNA_E

ClientSampleId :

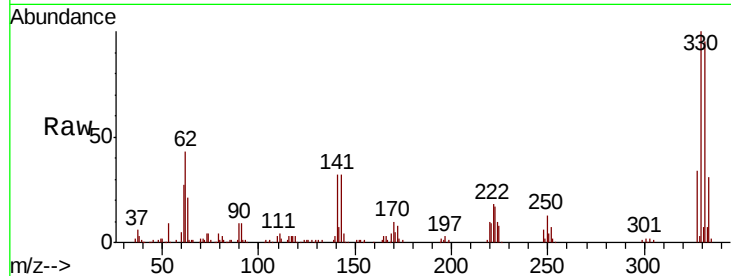
Tot Ion:330 Resp: 119764

Ion Ratio Lower Upper

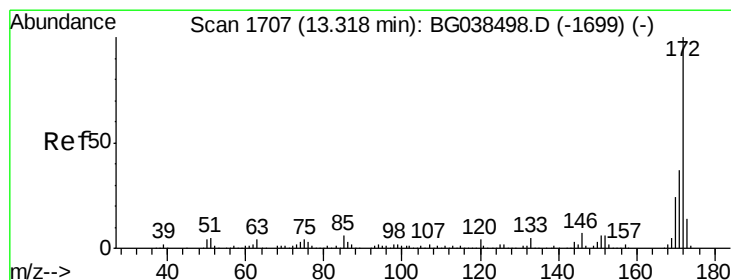
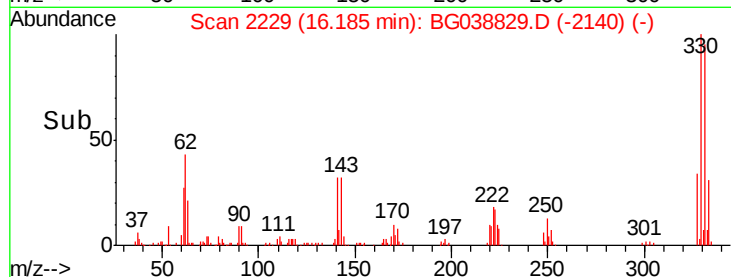
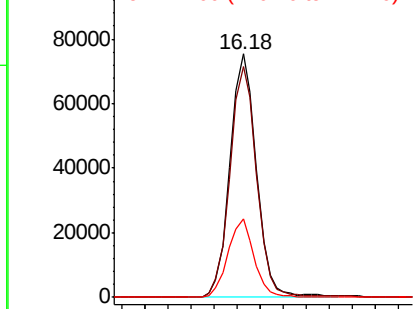
330 100

332 96.4 76.9 115.3

141 31.8 28.8 43.2



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: 61.396 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038829.D

Acq: 26 Dec 2018 14:18

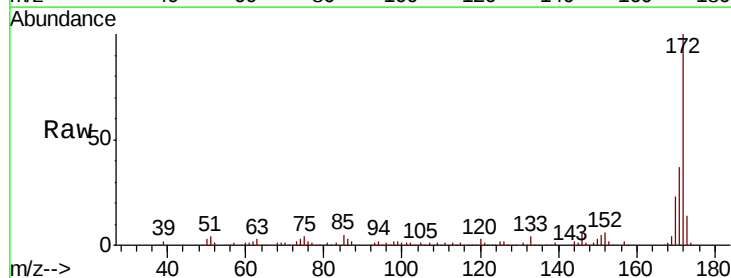
Tgt Ion:172 Resp: 278903

Ion Ratio Lower Upper

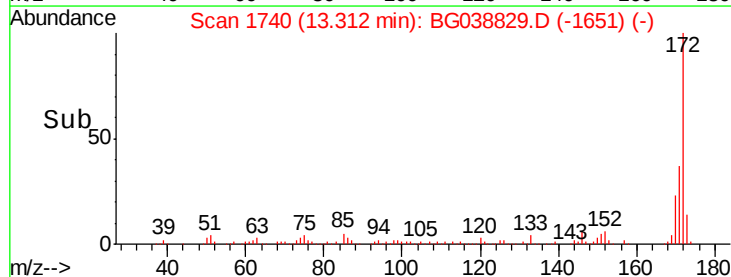
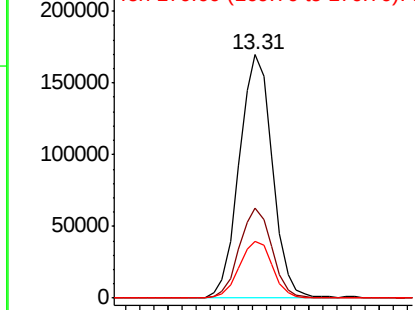
172 100

171 37.1 29.8 44.6

170 23.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

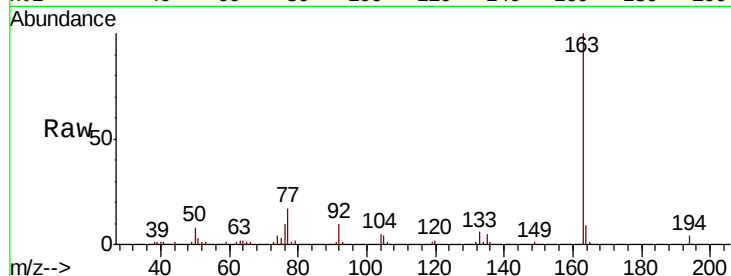




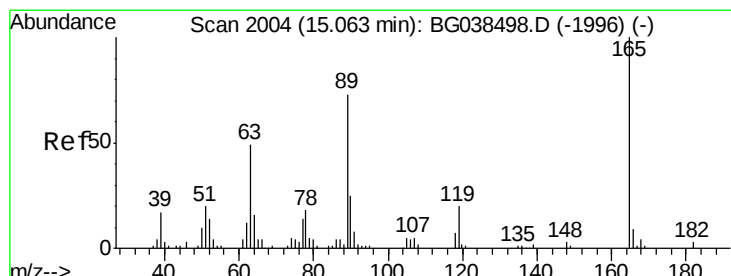
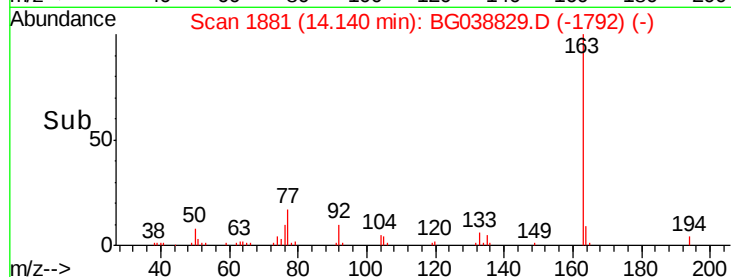
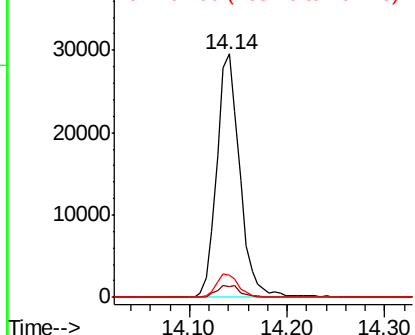
#50
Dimethylphthalate
Concen: 9.519 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:163 Resp: 48443
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 9.3 8.6 12.8

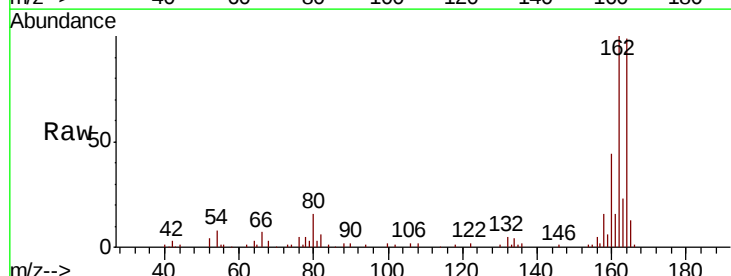


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

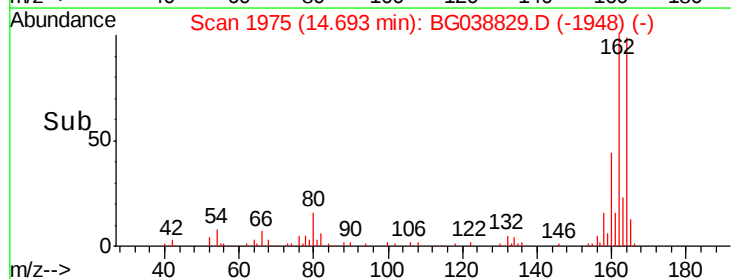
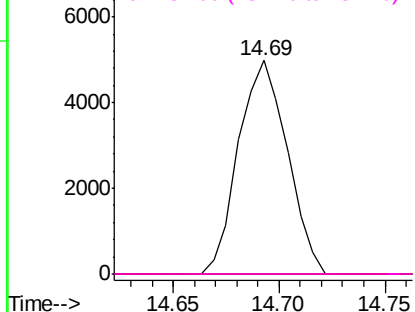


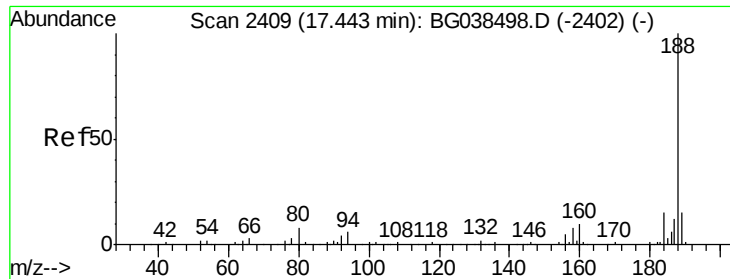
#57
2,4-Dinitrotoluene
Concen: 4.915 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Tgt Ion:165 Resp: 7983
Ion Ratio Lower Upper
165 100
63 0.0 39.0 58.4#
89 0.0 58.0 87.0#
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

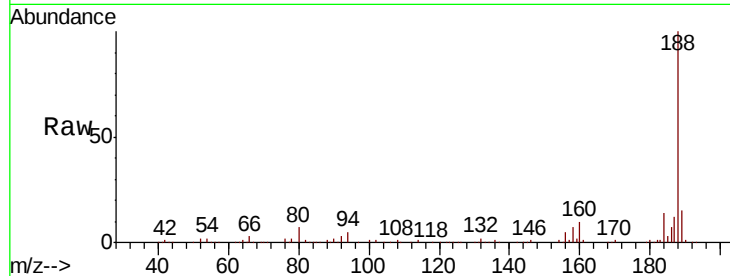




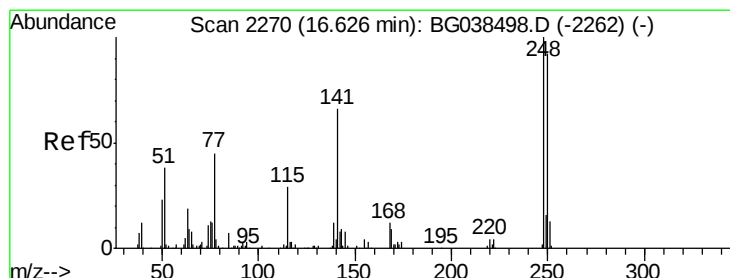
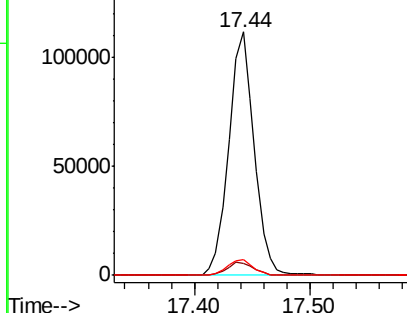
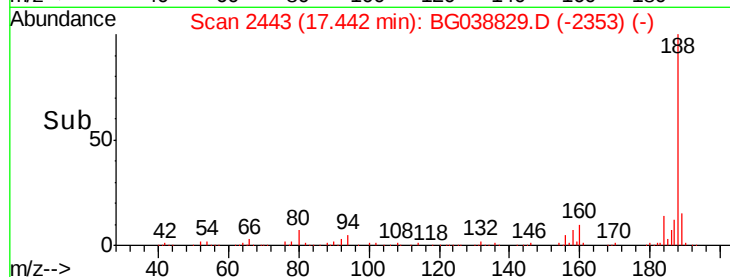
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 169965
Ion Ratio Lower Upper
188 100
94 5.1 5.1 7.7#
80 6.7 6.1 9.1

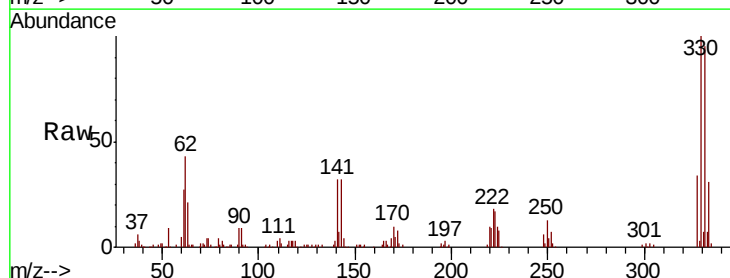


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

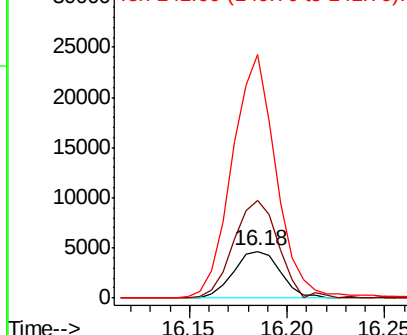
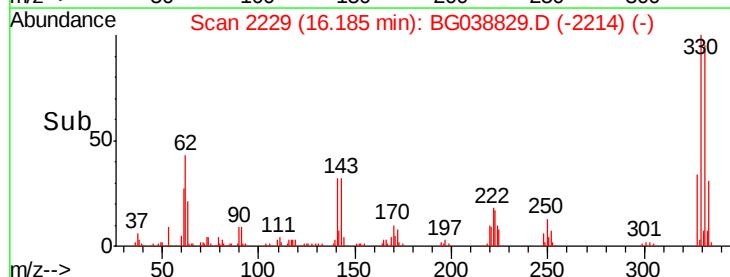


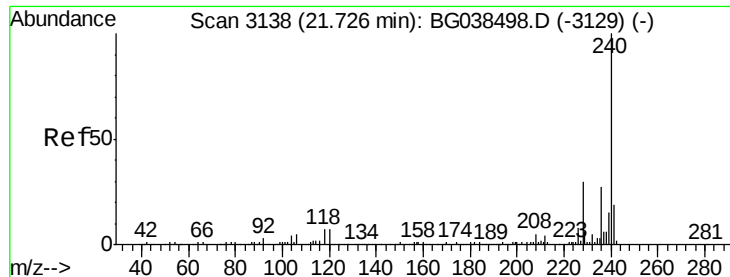
#67
4-Bromophenyl-phenylether
Concen: 3.728 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038829.D
Acq: 26 Dec 2018 14:18

Tgt Ion:248 Resp: 7738
Ion Ratio Lower Upper
248 100
250 214.8 73.4 110.2#
141 403.0 52.9 79.3#



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

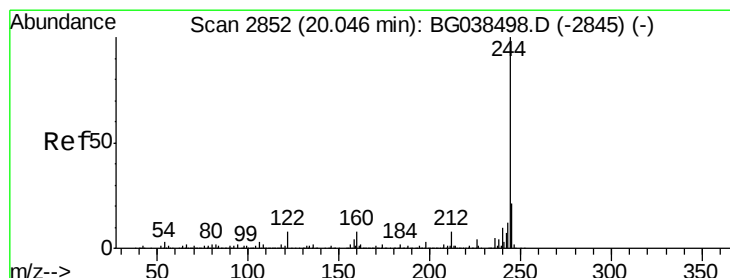
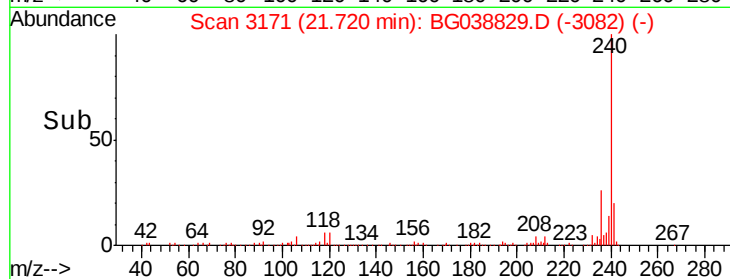
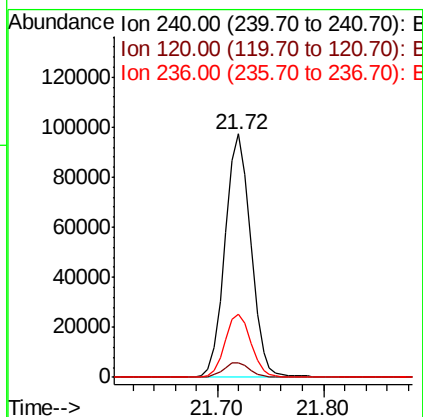
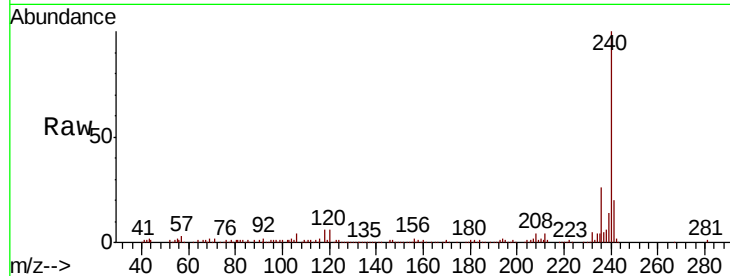




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038829.D
 Acq: 26 Dec 2018 14:18

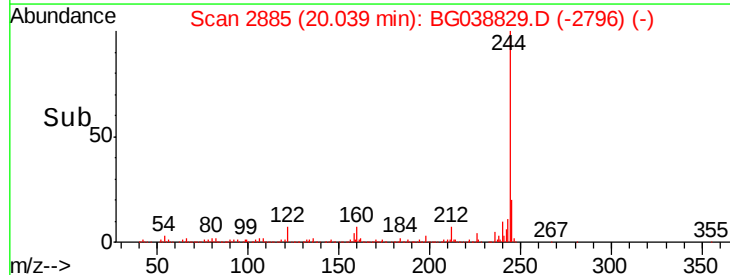
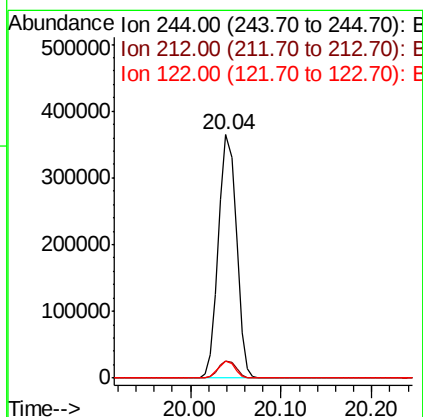
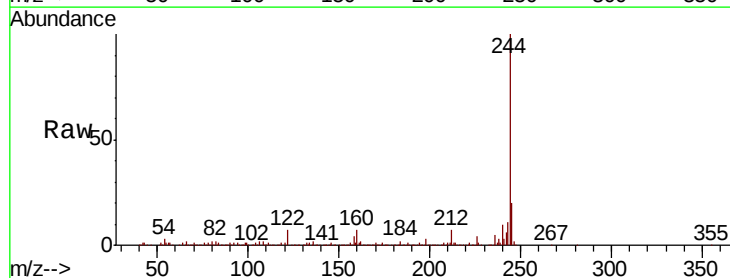
Instrument :
 BNA_E
 ClientSampleId :

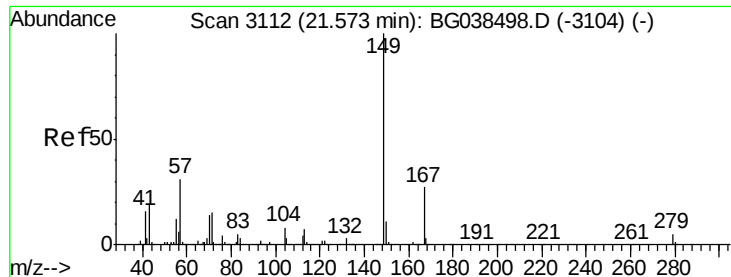
Tot Ion:240 Resp: 164186
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.3 7.9
 236 26.0 21.4 32.2



#79
 Terphenyl-d14
 Concen: 66.750 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG038829.D
 Acq: 26 Dec 2018 14:18

Tgt Ion:244 Resp: 503576
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 6.8 6.3 9.5

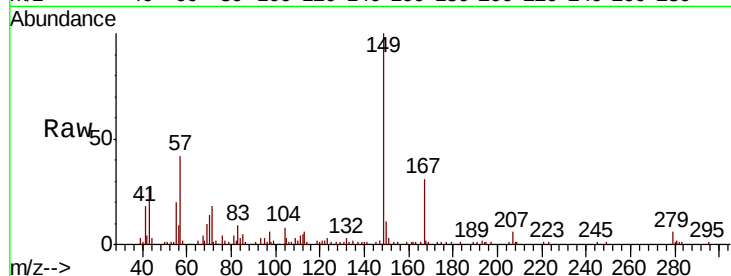




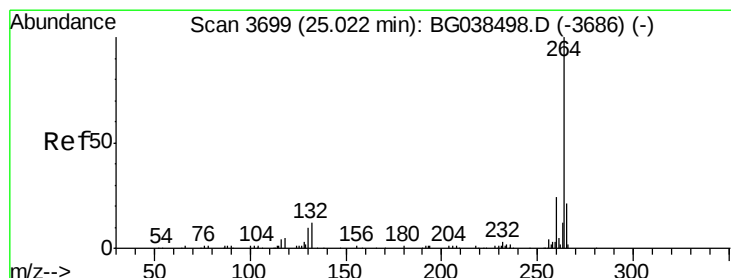
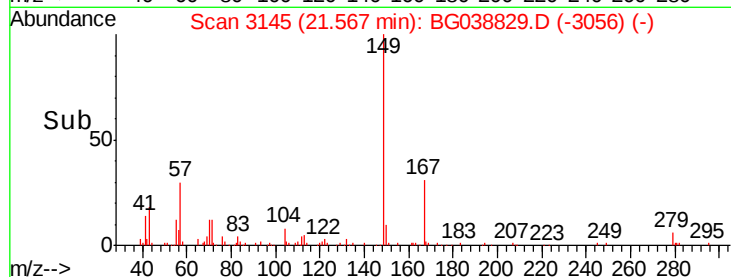
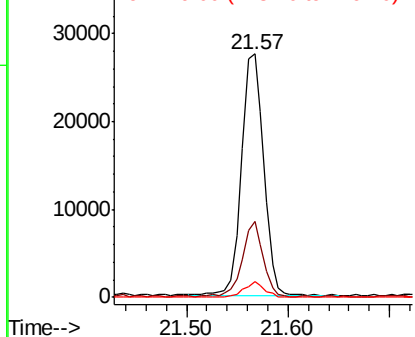
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.982 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG038829.D
 Acq: 26 Dec 2018 14:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 41962
 Ion Ratio Lower Upper
 149 100
 167 31.0 21.9 32.9
 279 6.2 4.2 6.2

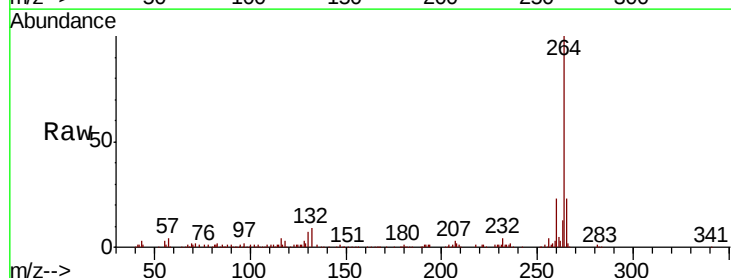


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG038829.D
 Acq: 26 Dec 2018 14:18

Tgt Ion:264 Resp: 182707
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.9 28.3
 265 23.0 17.0 25.4



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

