

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040194.D
 Acq On : 28 Mar 2019 11:02
 Operator : JU/SJ
 Sample : PB118303BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BL

Quant Time: Mar 29 05:42:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

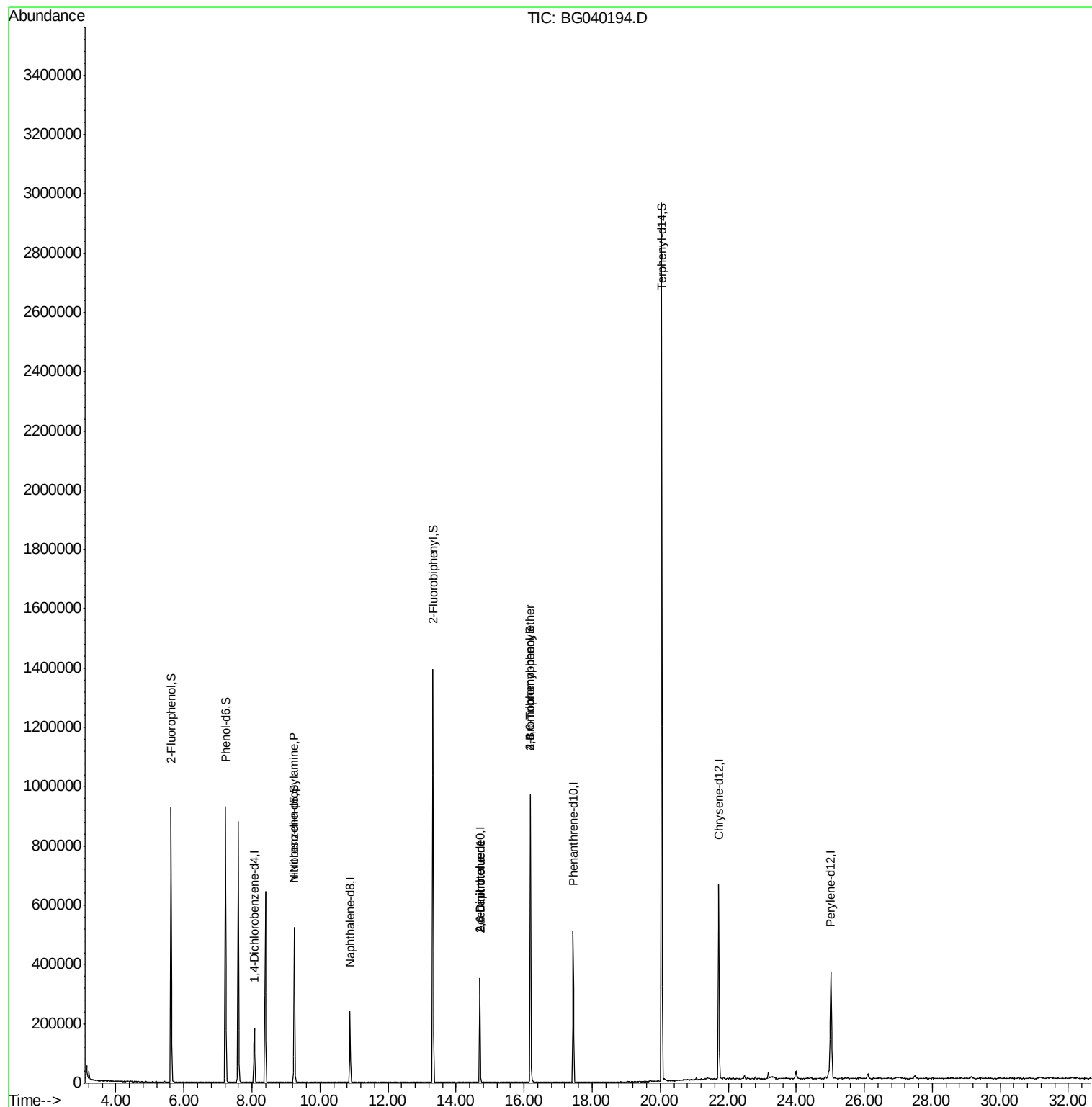
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	53200	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	208132	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	125253	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	318784	20.00	ng	0.00
76) Chrysene-d12	21.72	240	396748	20.00	ng	-0.01
87) Perylene-d12	25.02	264	394755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	404061	126.26	ng	0.00
7) Phenol-d6	7.22	99	541047	122.33	ng	0.00
23) Nitrobenzene-d5	9.25	82	316285	80.77	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	177206	130.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	733968	86.83	ng	0.00
79) Terphenyl-d14	20.04	244	1345929	76.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	39471	12.448	ng	# 73
51) 2,6-Dinitrotoluene	14.70	165	15404	6.998	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	15404	5.037	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	14407	4.016	ng	# 1

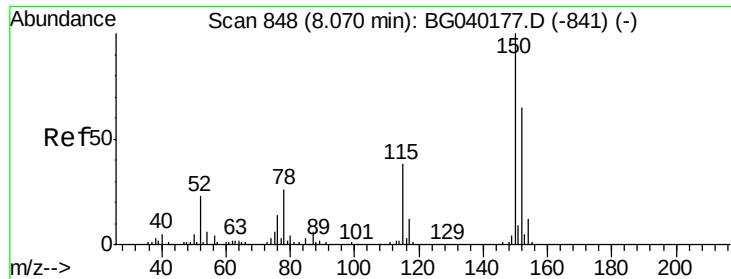
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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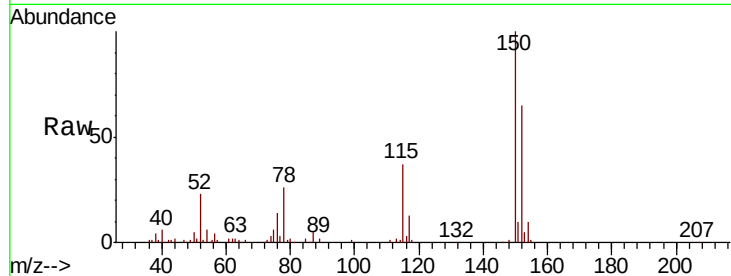


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040194.D
Acq: 28 Mar 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB118303BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	57.3	46.9	70.3

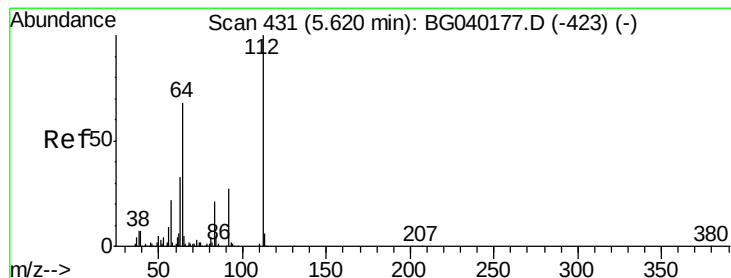
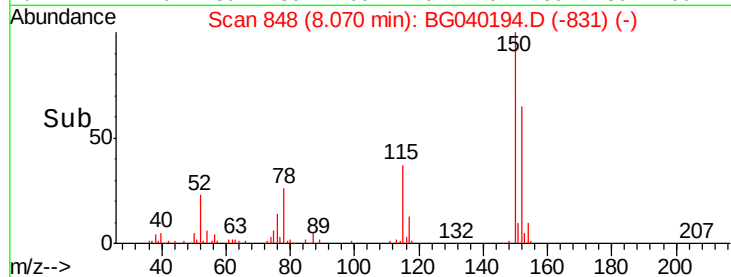
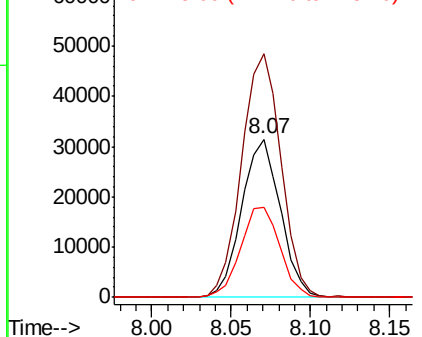


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

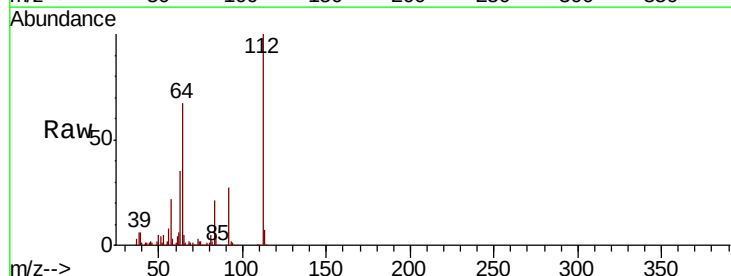
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.262 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040194.D
Acq: 28 Mar 2019 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	54.2	81.2
63	34.5	26.4	39.6

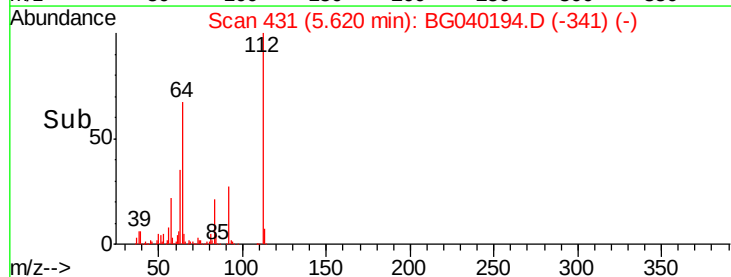
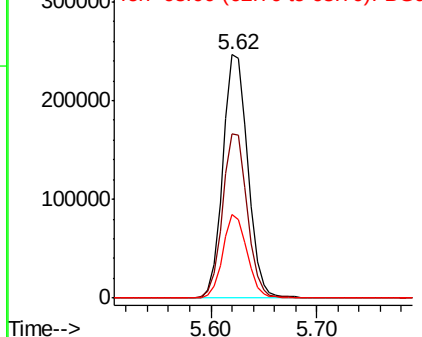


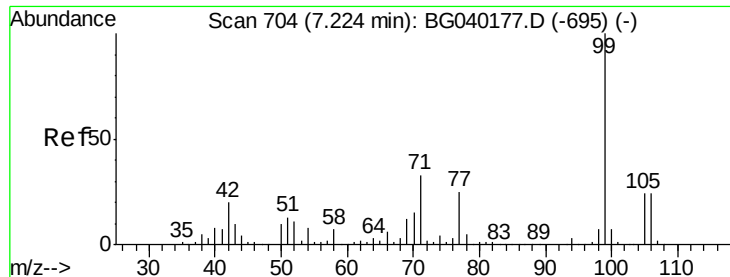
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 122.334 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB118303BL

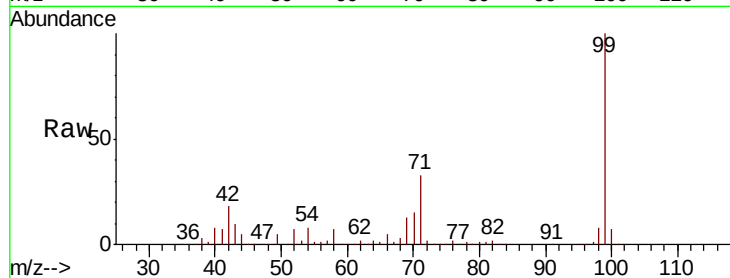
Tgt Ion: 99 Resp: 541047

Ion Ratio Lower Upper

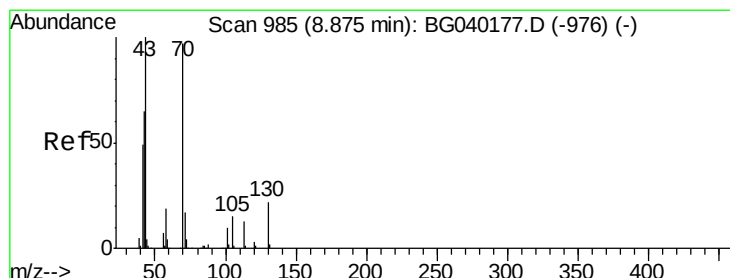
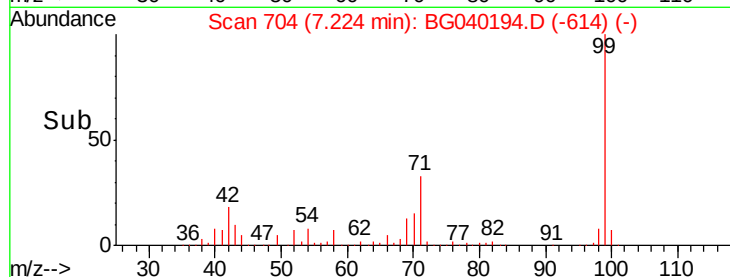
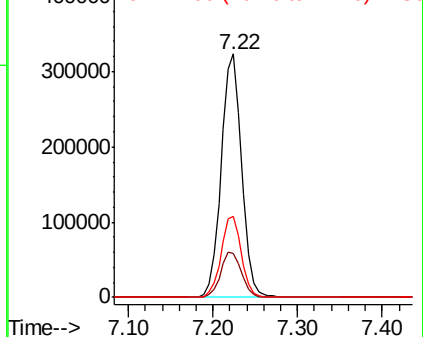
99 100

42 18.0 16.2 24.2

71 33.2 26.8 40.2



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: 12.448 ng

RT: 9.25 min Scan# 1048

Delta R.T. 0.37 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Tgt Ion: 70 Resp: 39471

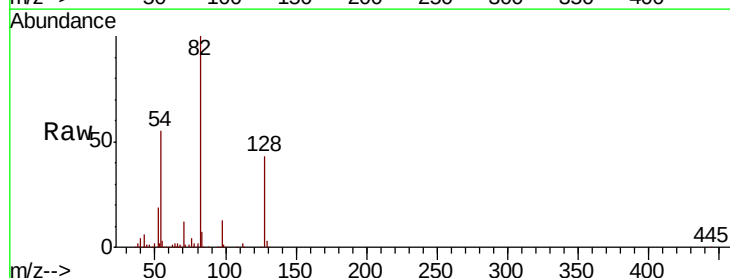
Ion Ratio Lower Upper

70 100

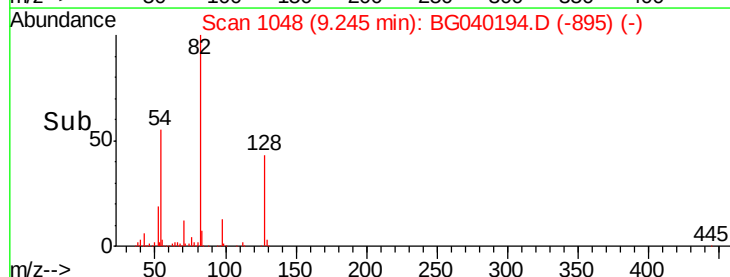
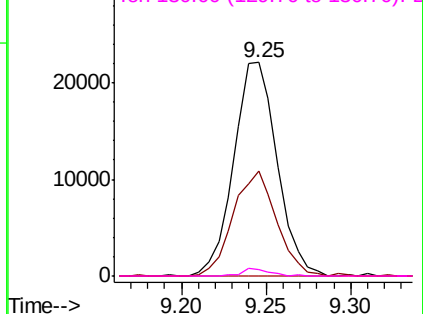
42 49.3 54.0 81.0#

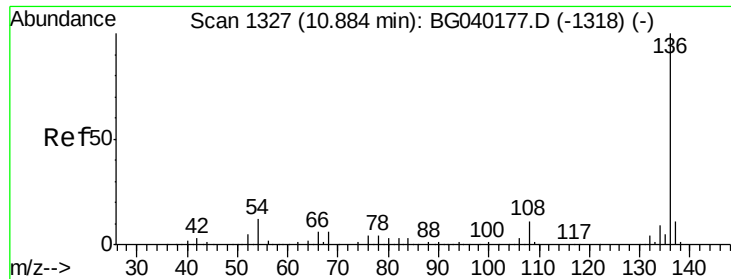
101 0.0 8.6 13.0#

130 2.9 18.2 27.2#



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

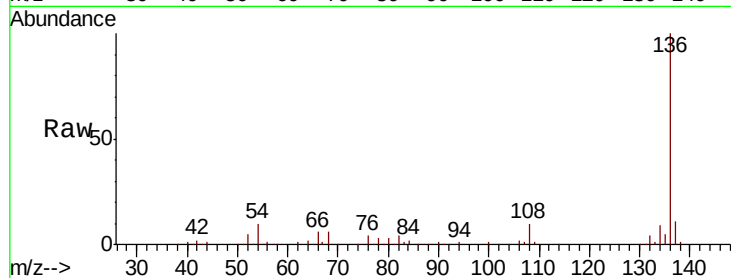




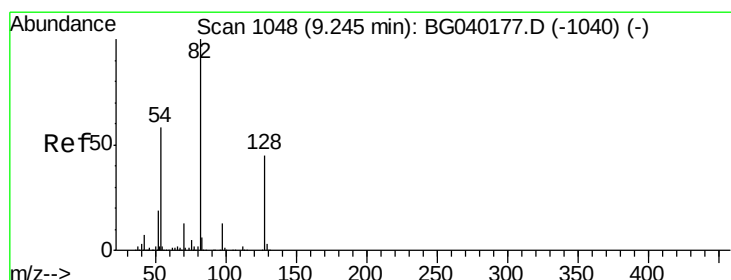
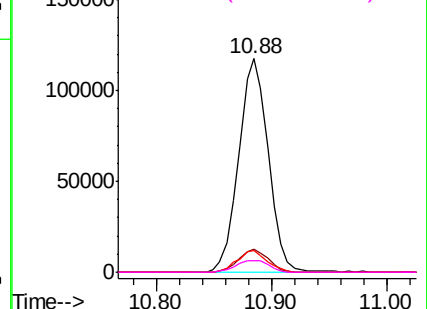
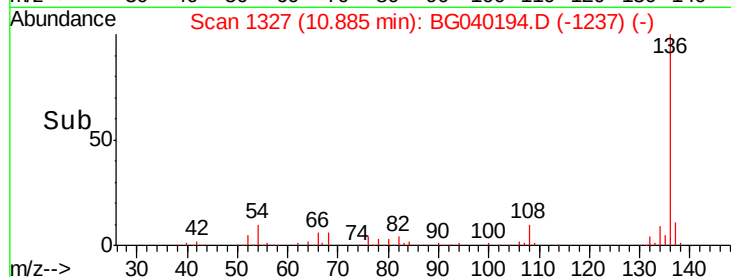
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040194.D
Acq: 28 Mar 2019 11:02

Instrument :
BNA_G
ClientSampleId :
PB118303BL

Tgt Ion:	136	Resp:	208132
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.5	9.6	14.4
68	5.5	5.1	7.7

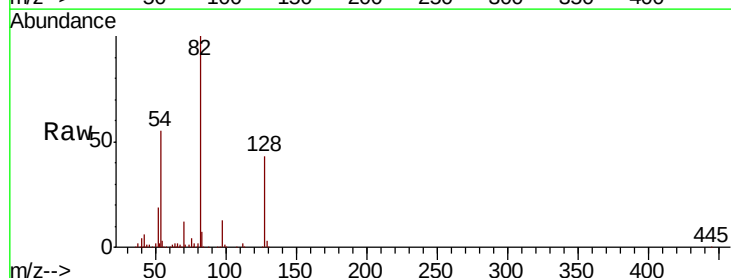


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

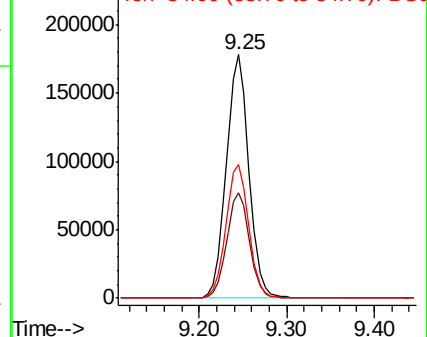
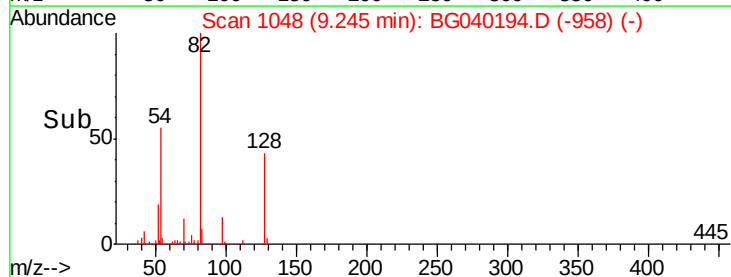


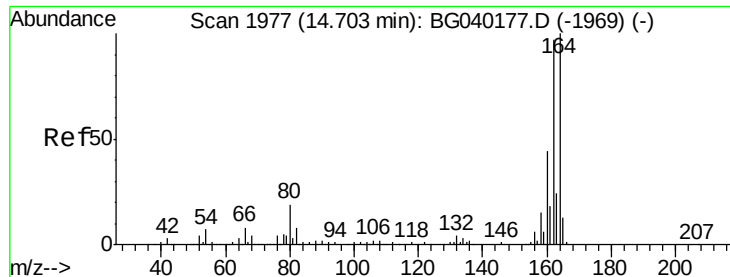
#23
Nitrobenzene-d5
Concen: 80.774 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040194.D
Acq: 28 Mar 2019 11:02

Tgt Ion:	82	Resp:	316285
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.8
54	54.9	46.2	69.2



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: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB118303BL

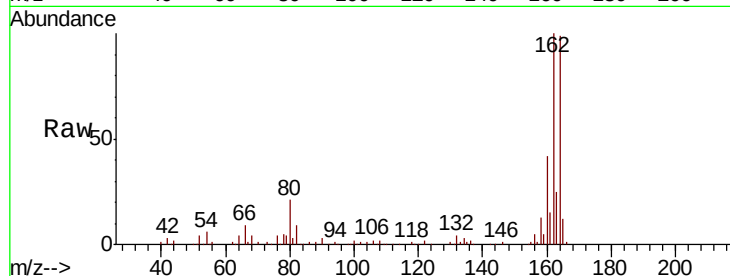
Tgt Ion:164 Resp: 125253

Ion Ratio Lower Upper

164 100

162 100.8 77.4 116.2

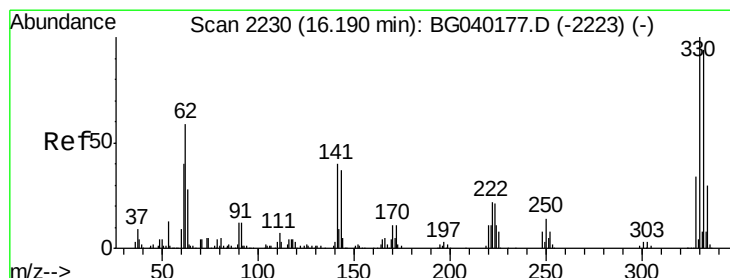
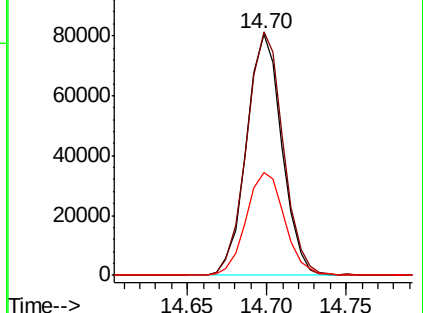
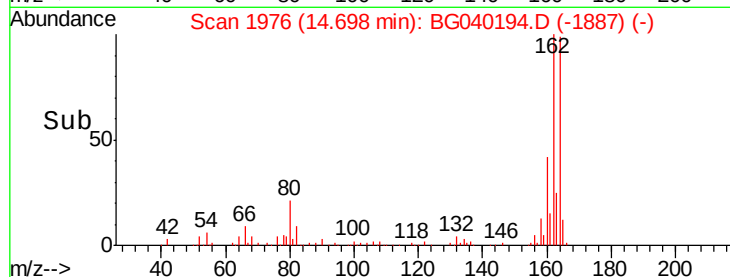
160 42.7 35.3 52.9



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: 130.909 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

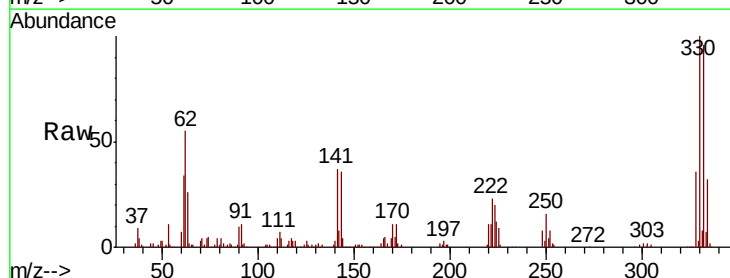
Tgt Ion:330 Resp: 177206

Ion Ratio Lower Upper

330 100

332 98.1 76.6 115.0

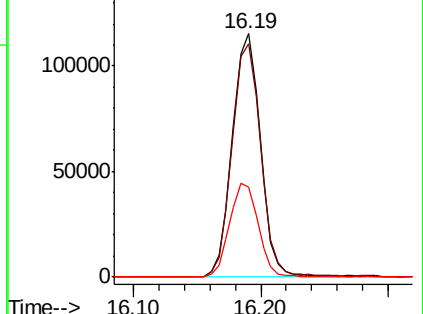
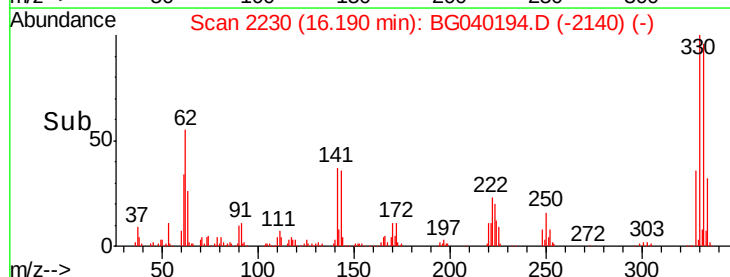
141 39.3 32.6 48.8

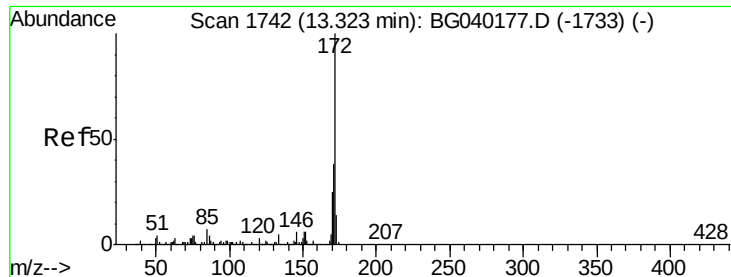


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 86.830 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB118303BL

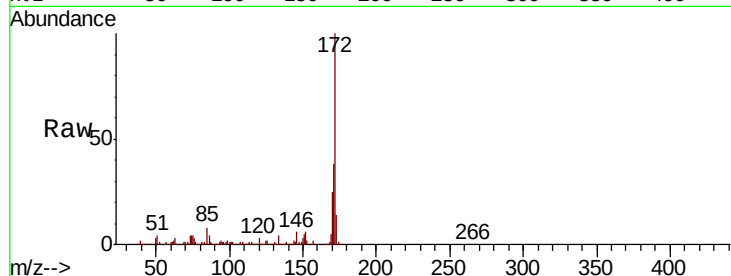
Tgt Ion:172 Resp: 733968

Ion Ratio Lower Upper

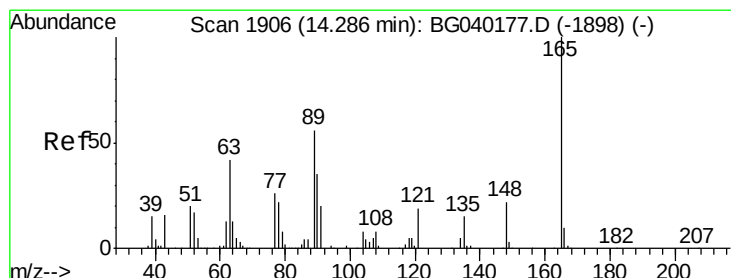
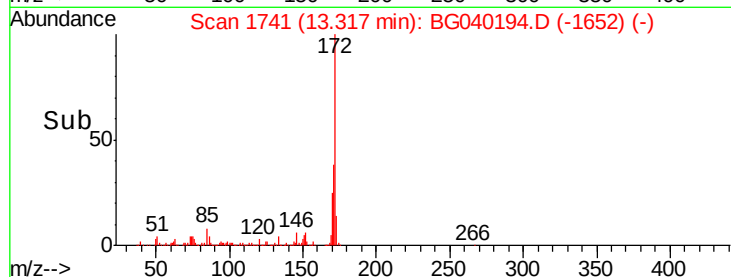
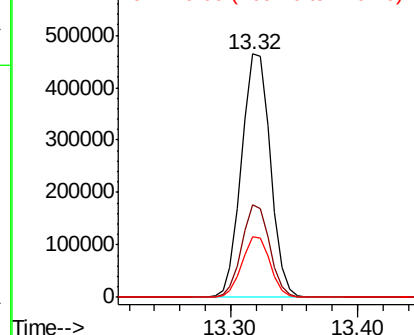
172 100

171 38.0 30.5 45.7

170 24.7 20.1 30.1



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



#51

2,6-Dinitrotoluene

Concen: 6.998 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.41 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

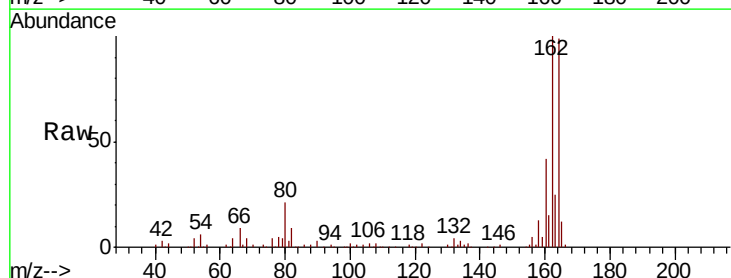
Tgt Ion:165 Resp: 15404

Ion Ratio Lower Upper

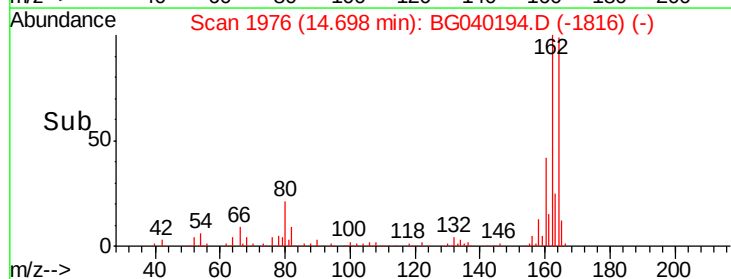
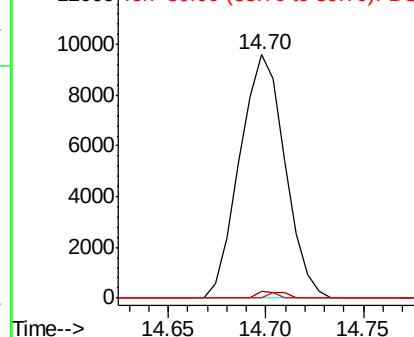
165 100

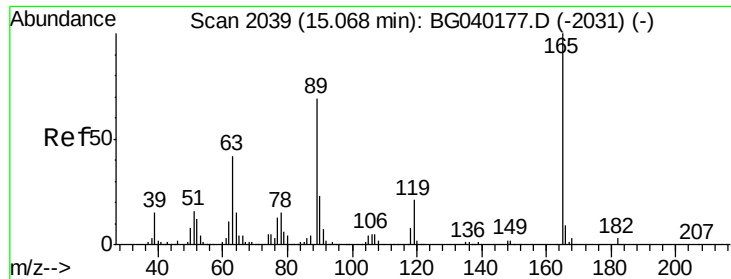
63 2.7 44.1 66.1#

89 0.0 44.9 67.3#



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

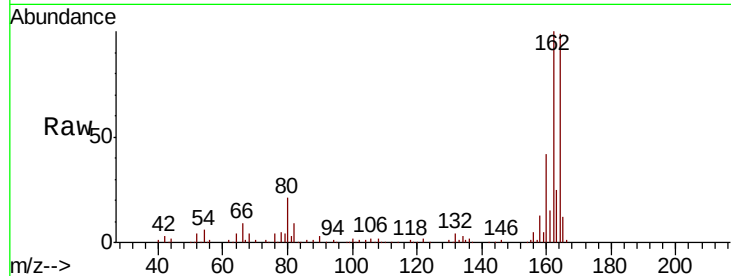




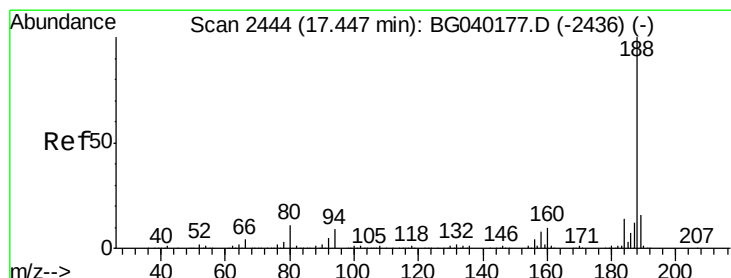
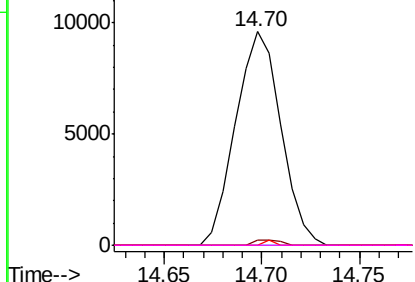
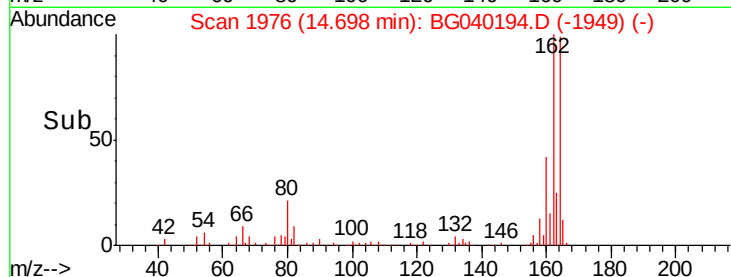
#57
 2,4-Dinitrotoluene
 Concen: 5.037 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.37 min
 Lab File: BG040194.D
 Acq: 28 Mar 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#

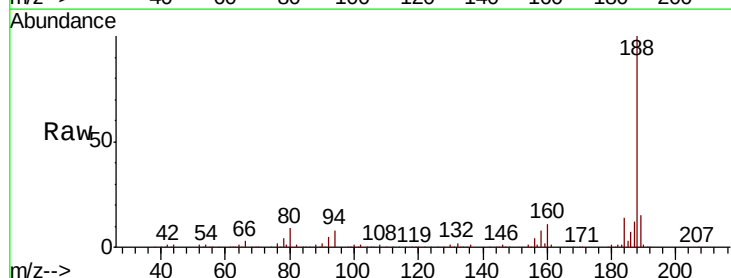


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

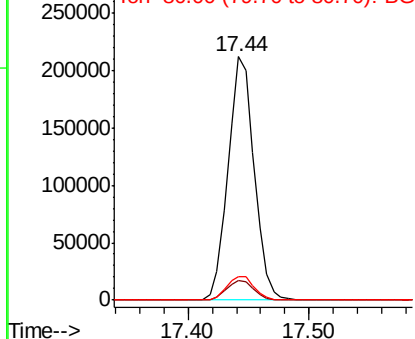
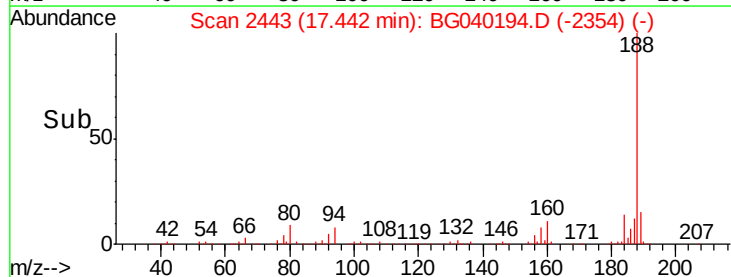


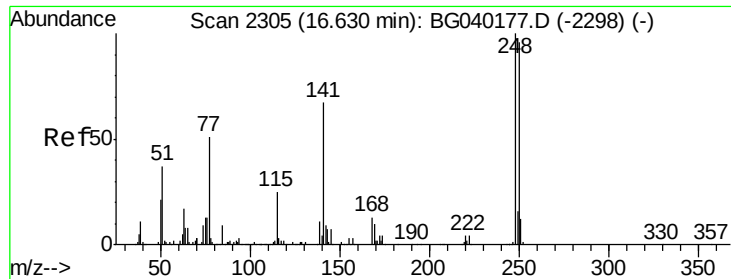
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG040194.D
 Acq: 28 Mar 2019 11:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.4
80	9.4	8.6	13.0



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

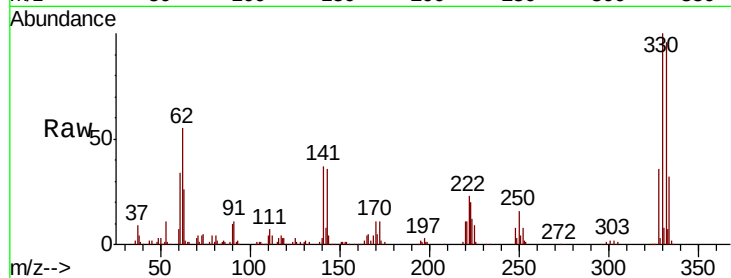




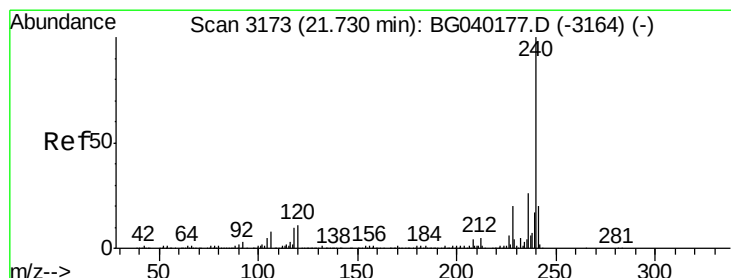
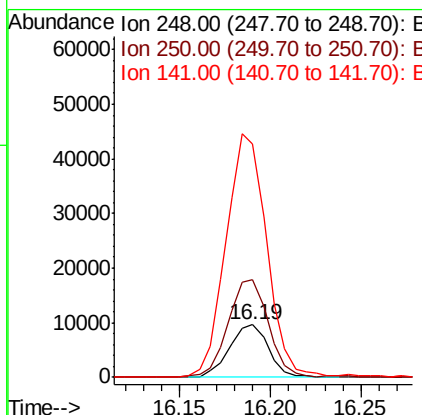
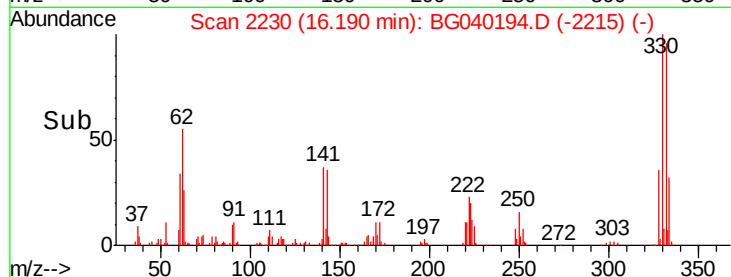
#67
 4-Bromophenyl-phenylether
 Concen: 4.016 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG040194.D
 Acq: 28 Mar 2019 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118303BL

Tgt Ion:248 Resp: 14407
 Ion Ratio Lower Upper
 248 100
 250 186.0 76.4 114.6#
 141 442.8 53.8 80.8#

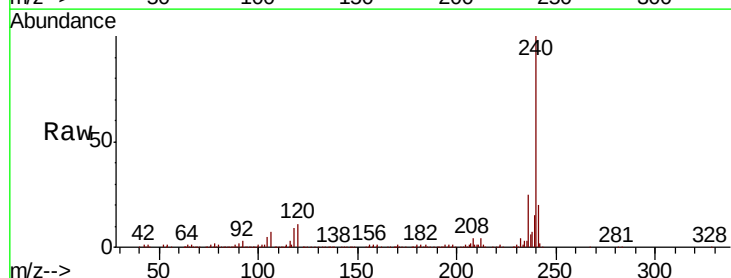


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

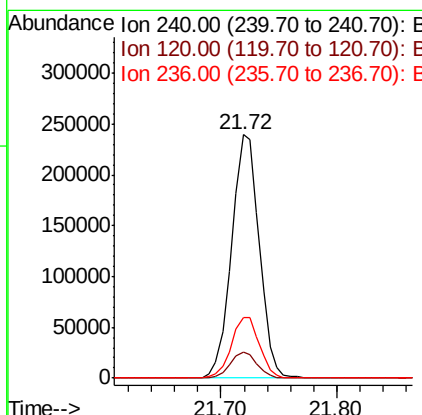
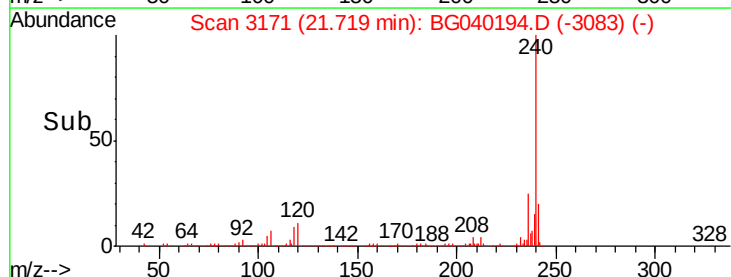


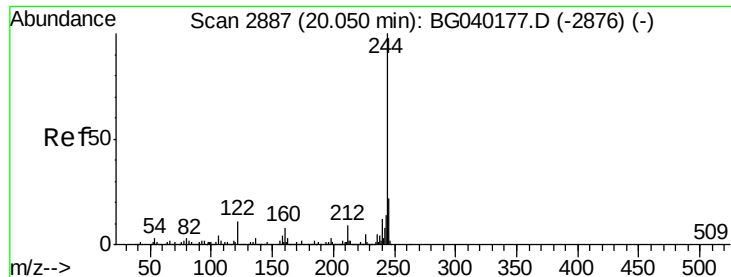
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG040194.D
 Acq: 28 Mar 2019 11:02

Tgt Ion:240 Resp: 396748
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 25.0 20.8 31.2



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: 76.317 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

Instrument :

BNA_G

ClientSampleId :

PB118303BL

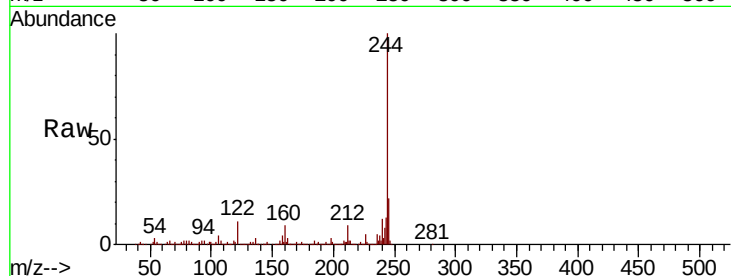
Tgt Ion:244 Resp: 1345929

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

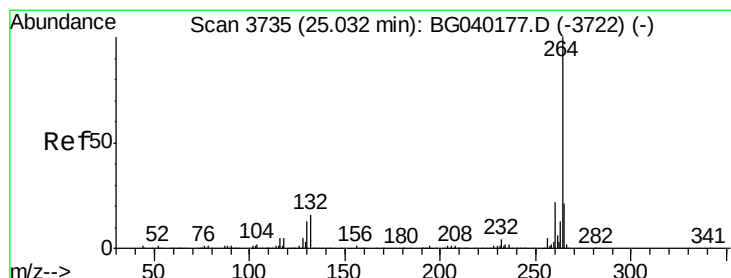
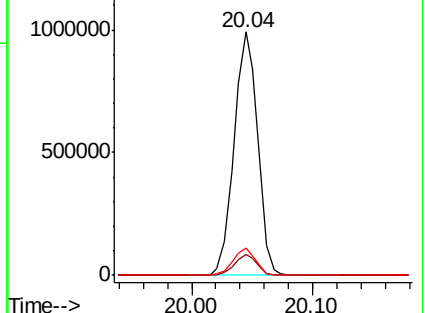
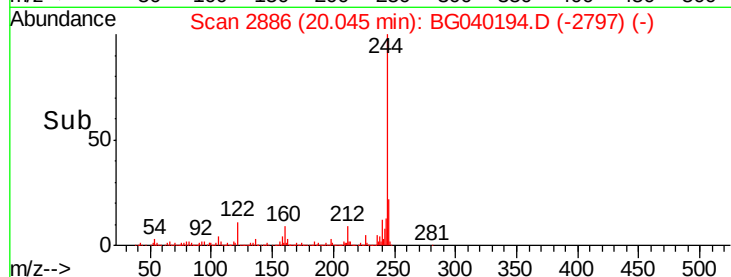
122 11.2 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040194.D

Acq: 28 Mar 2019 11:02

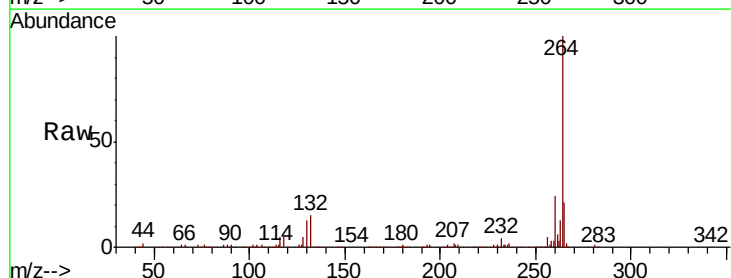
Tgt Ion:264 Resp: 394755

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 20.9 16.8 25.2



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

