

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
 Data File : BG041362.D
 Acq On : 20 Jun 2019 18:22
 Operator : HP/JU
 Sample : K3157-07 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 19:07:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

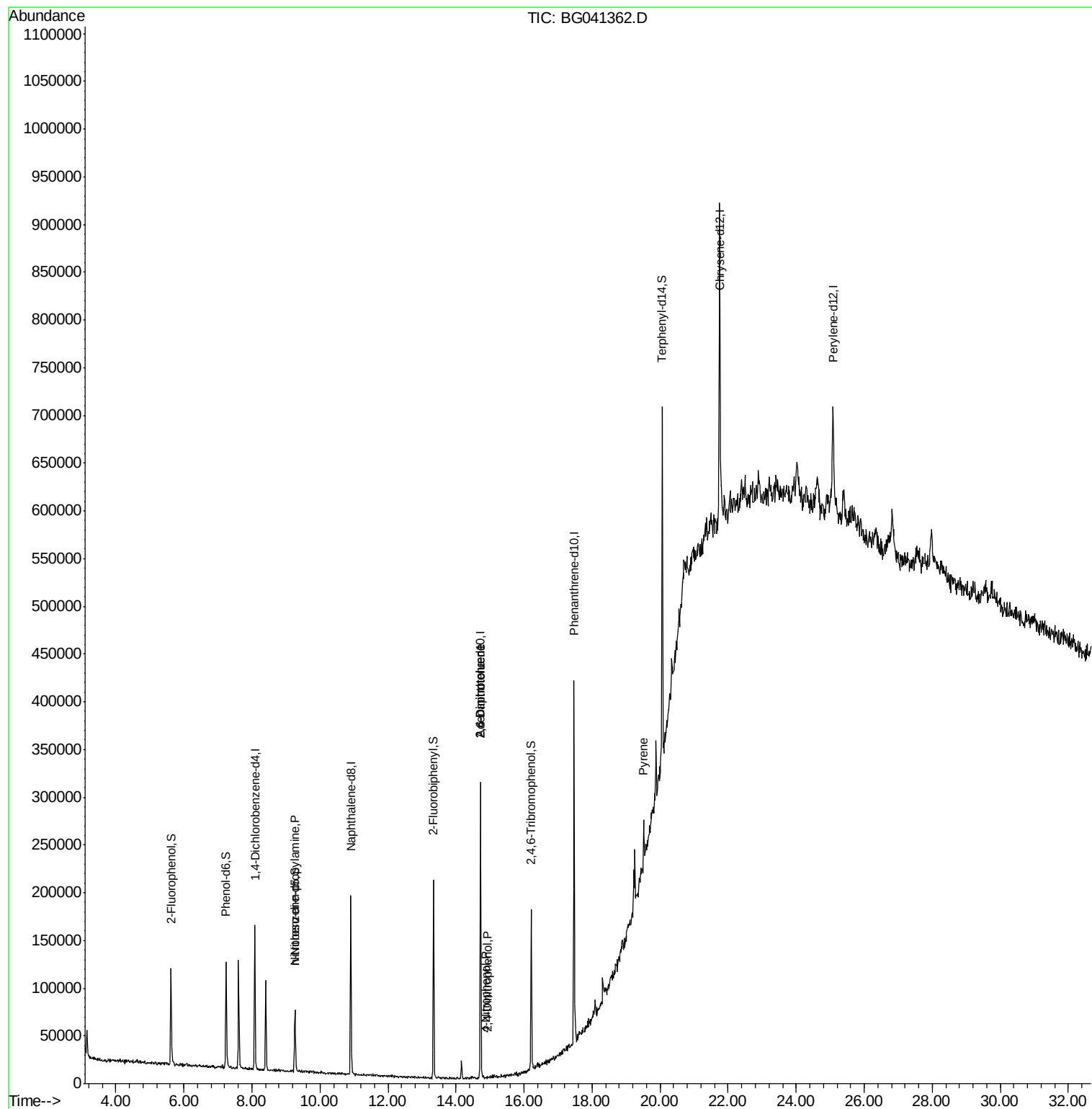
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39819	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	157575	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106601	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	240603	20.00	ng	0.00
76) Chrysene-d12	21.75	240	236400	20.00	ng	0.00
87) Perylene-d12	25.08	264	148801	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	42318	19.53	ng	0.00
7) Phenol-d6	7.24	99	63999	20.37	ng	0.00
23) Nitrobenzene-d5	9.26	82	46434	12.39	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	30174	18.44	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	110546	14.09	ng	0.00
79) Terphenyl-d14	20.06	244	176199	14.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	6389	2.515	ng	# 69
51) 2,6-Dinitrotoluene	14.72	165	14064	7.032	ng	# 16
54) 2,4-Dinitrophenol	14.93	184	66	4.889	ng	# 13
56) 4-Nitrophenol	14.86	139	58	3.253	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	14064	4.811	ng	# 19
78) Pyrene	19.52	202	32211	2.020	ng	97

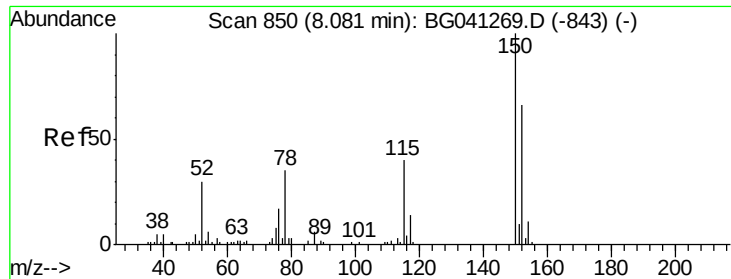
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 20 19:07:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
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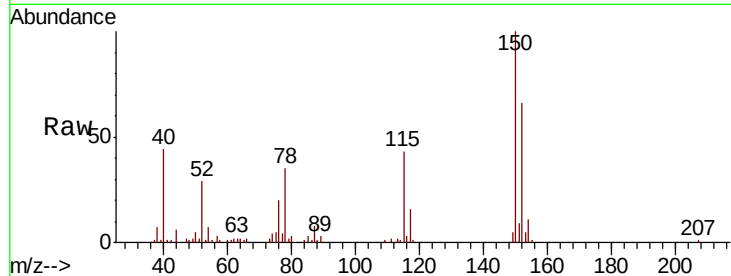


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	39819
Ion Ratio	Lower	Upper	
152	100		
150	151.7	120.6	181.0
115	65.6	47.9	71.9

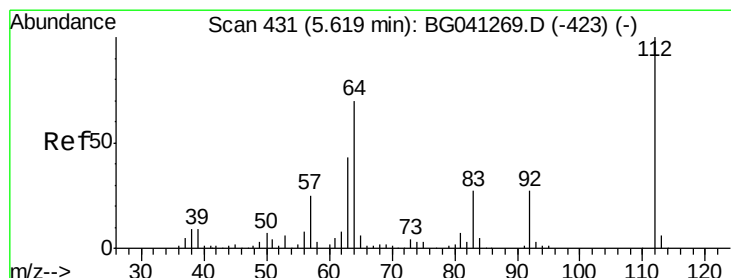
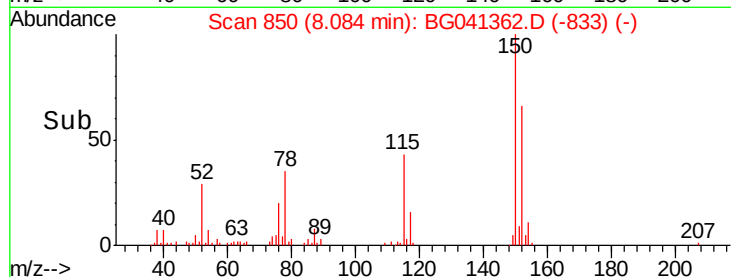
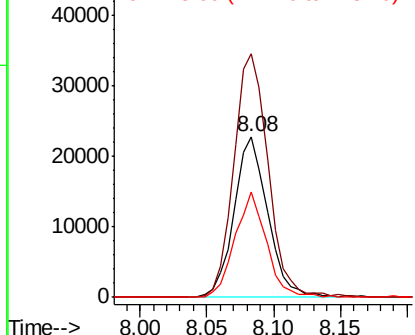


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

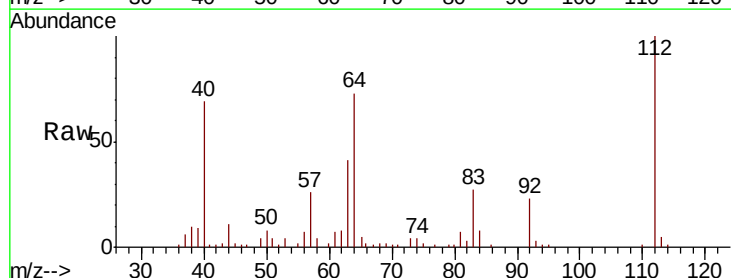
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.527 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Tgt Ion	112	Resp	42318
Ion Ratio	Lower	Upper	
112	100		
64	72.9	55.9	83.9
63	41.4	34.6	51.8

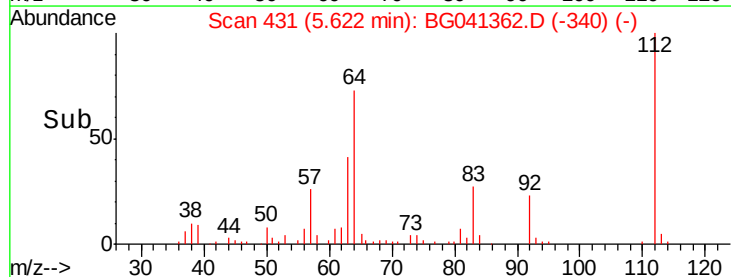
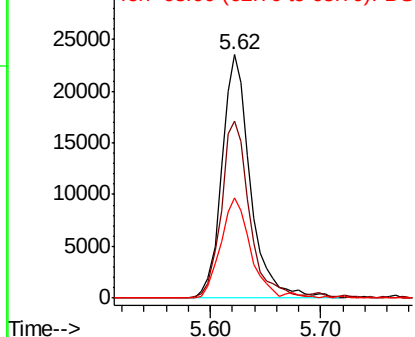


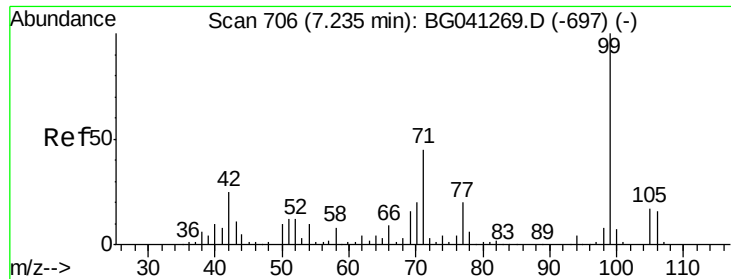
Abundance

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: 20.374 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

Instrument :

BNA_G

ClientSampled :

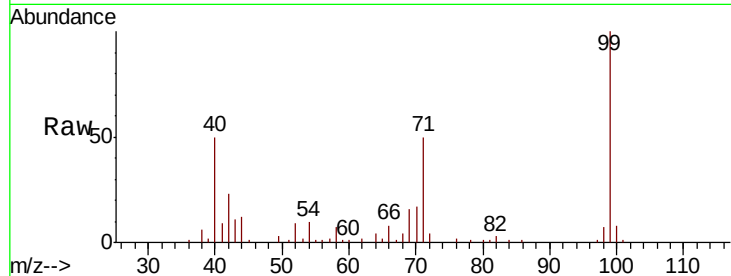
Tot Ion: 99 Resp: 63999

Ion Ratio Lower Upper

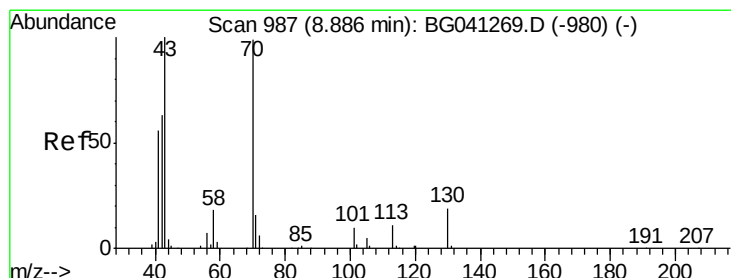
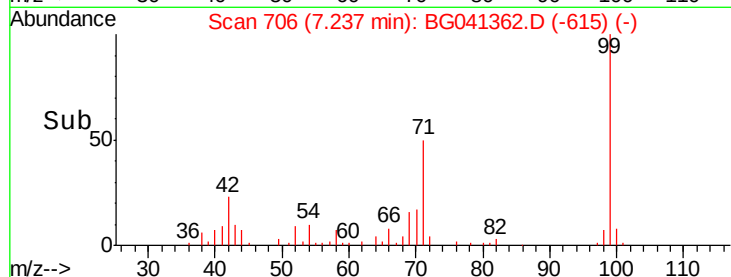
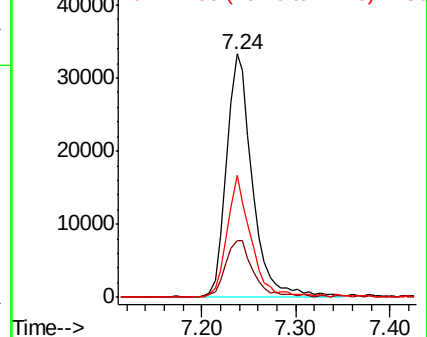
99 100

42 23.5 19.9 29.9

71 49.9 36.4 54.6



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: 2.515 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

Tgt Ion: 70 Resp: 6389

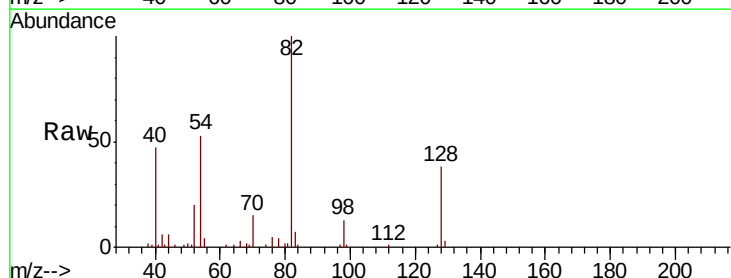
Ion Ratio Lower Upper

70 100

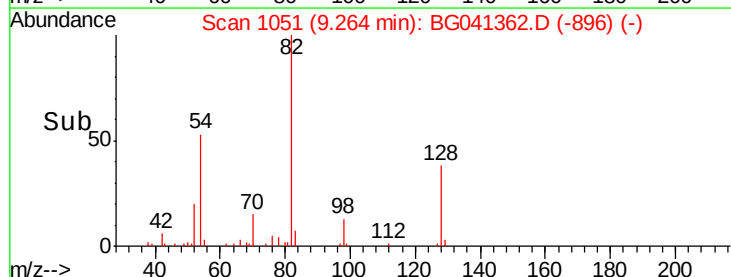
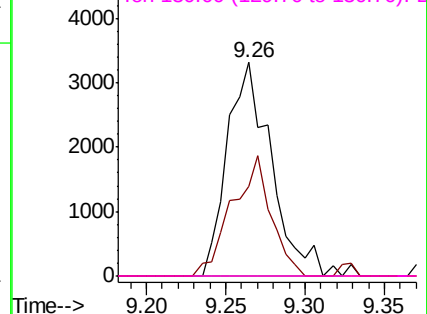
42 41.9 51.4 77.2#

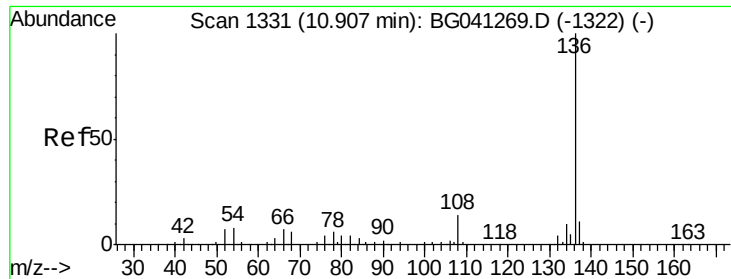
101 0.0 8.2 12.2#

130 0.0 15.2 22.8#



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

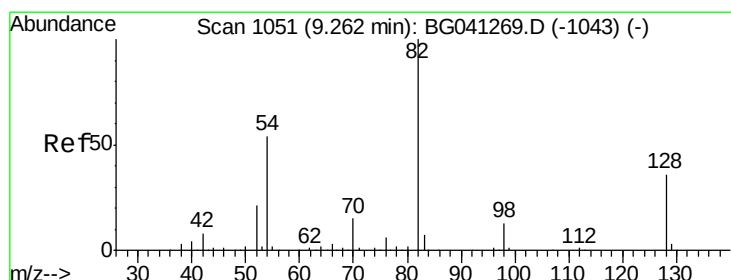
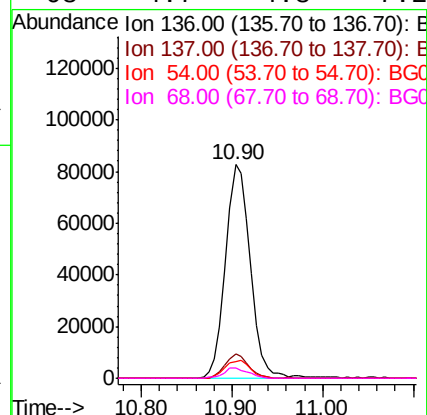
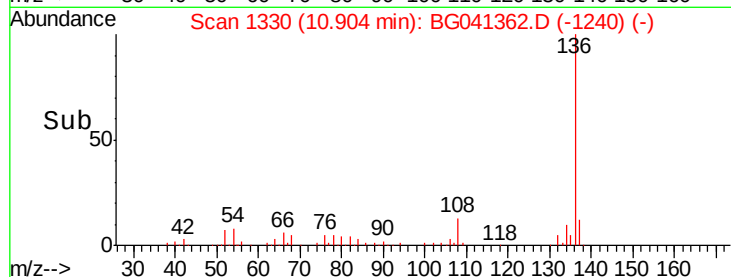
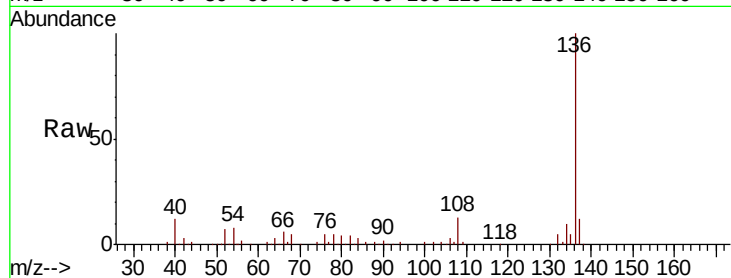




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

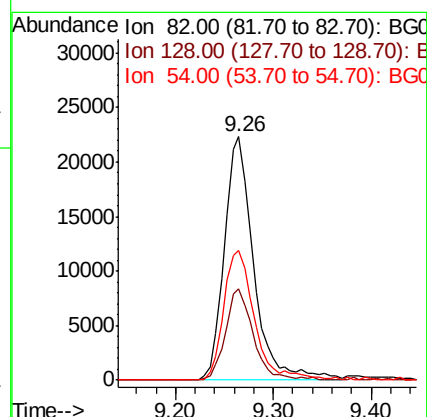
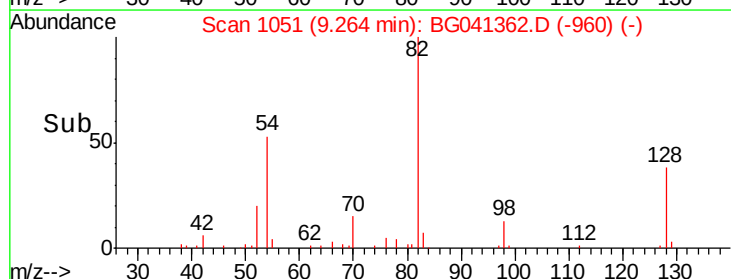
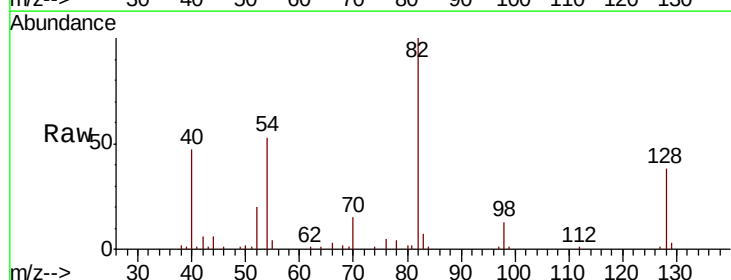
Instrument :
BNA_G
ClientSampleId :

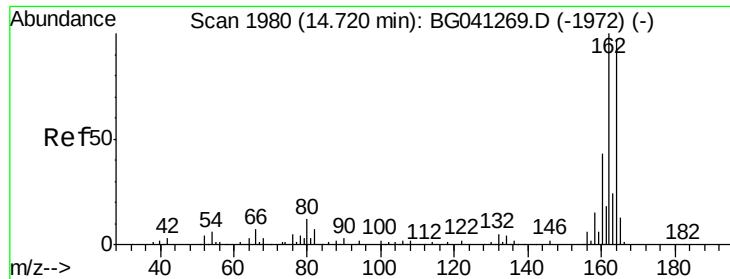
Tot Ion:136	Resp:	157575
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.8 13.2
54	8.4	6.4 9.6
68	4.7	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 12.393 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Tgt Ion: 82	Resp:	46434
Ion Ratio	Lower	Upper
82	100	
128	37.6	29.2 43.8
54	53.0	43.4 65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

Instrument :

BNA_G

ClientSampleId :

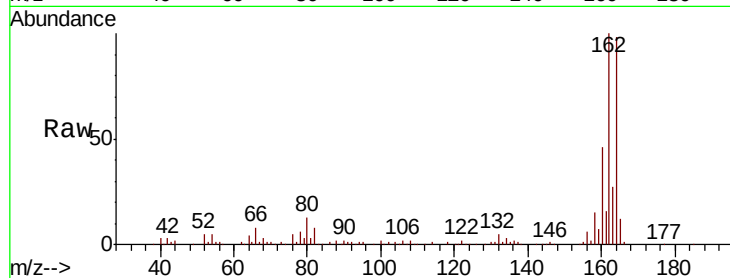
Tot Ion:164 Resp: 106601

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

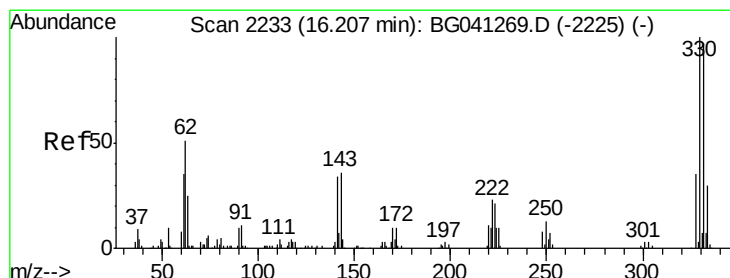
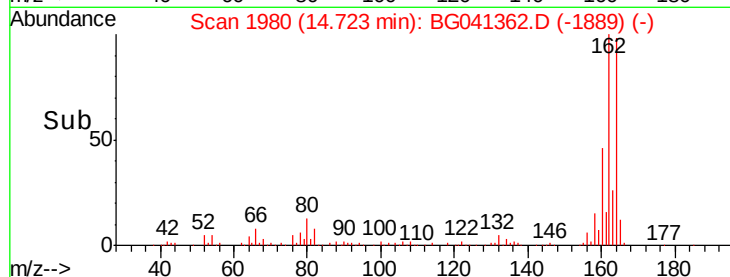
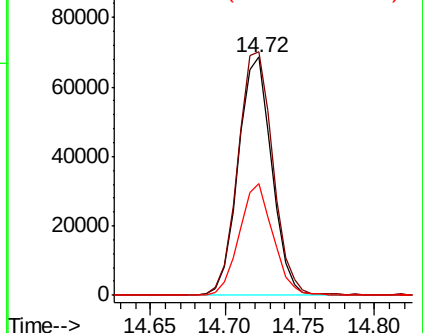
160 46.7 35.8 53.8



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: 18.437 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

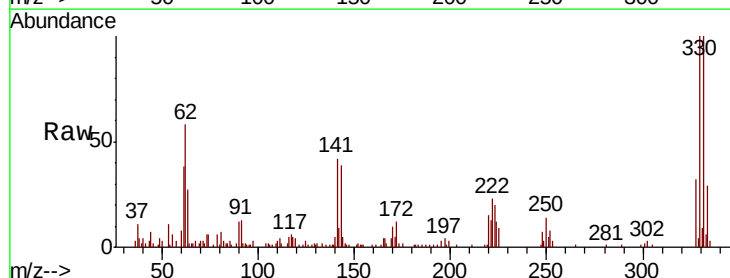
Tgt Ion:330 Resp: 30174

Ion Ratio Lower Upper

330 100

332 102.7 75.5 113.3

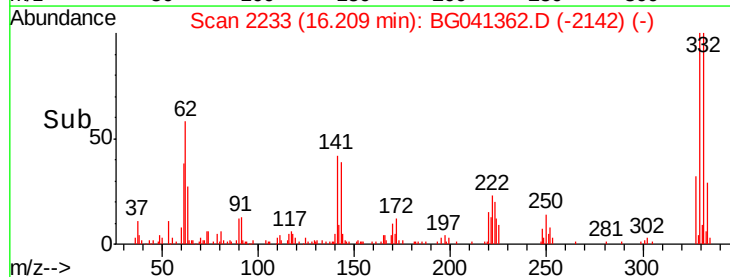
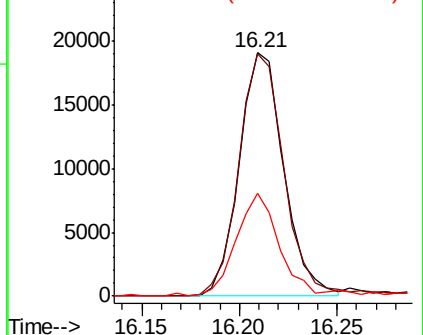
141 40.7 29.0 43.4

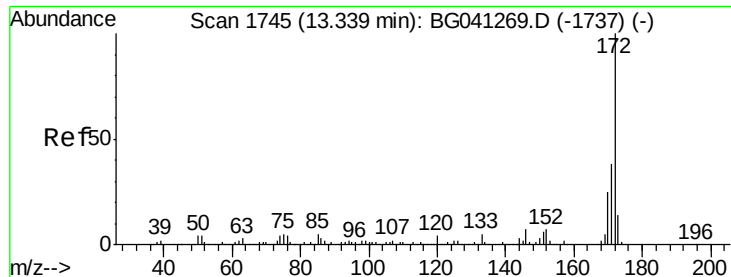


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

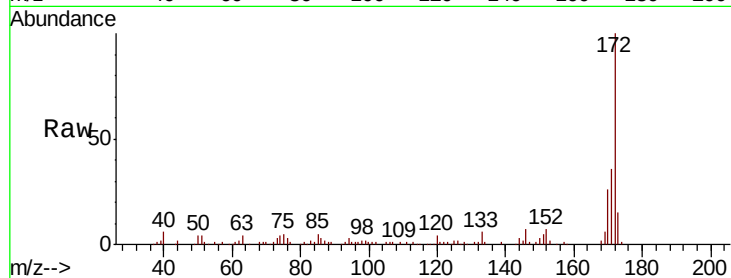




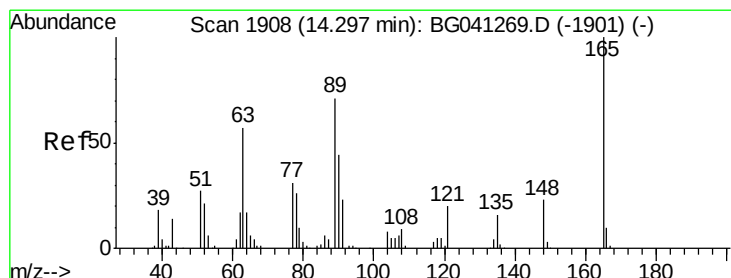
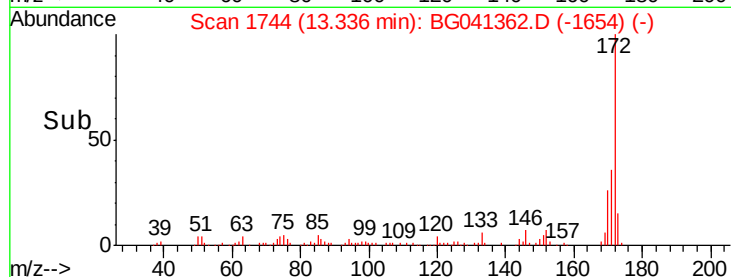
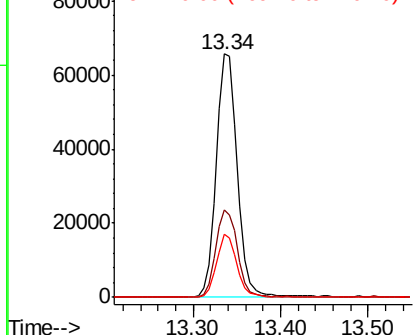
#45
2-Fluorobiphenyl
Concen: 14.095 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 110546
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 26.1 19.8 29.6

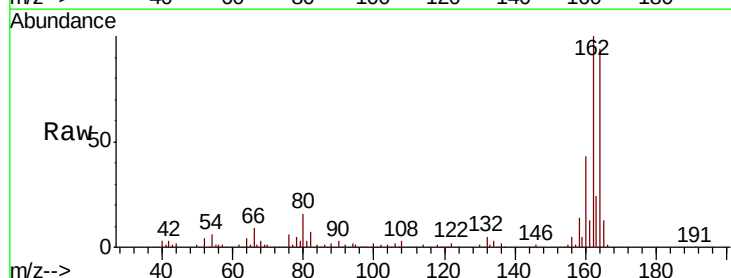


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

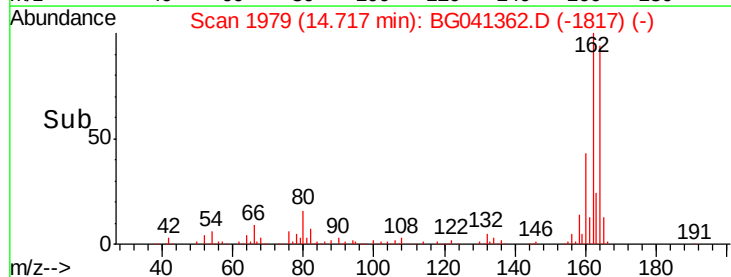
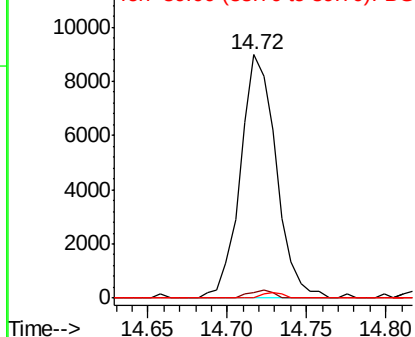


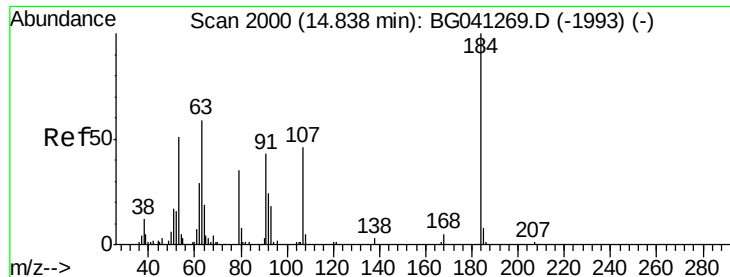
#51
2,6-Dinitrotoluene
Concen: 7.032 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.42 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Tgt Ion:165 Resp: 14064
Ion Ratio Lower Upper
165 100
63 2.0 55.4 83.0#
89 0.0 56.5 84.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

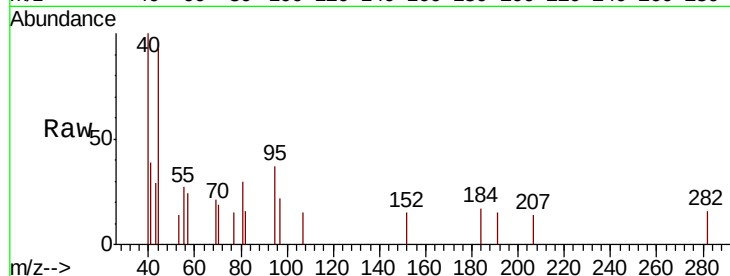




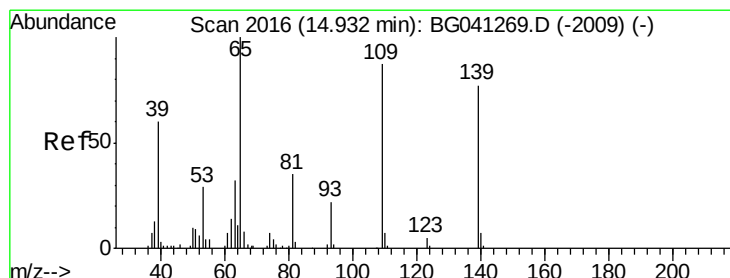
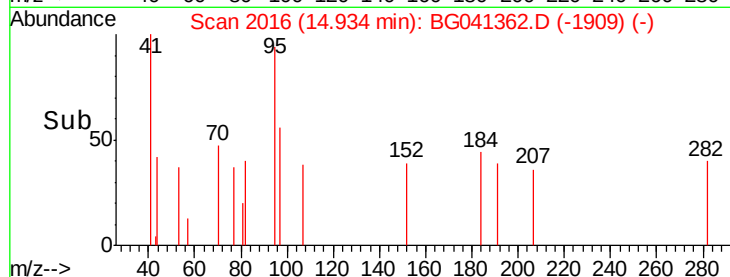
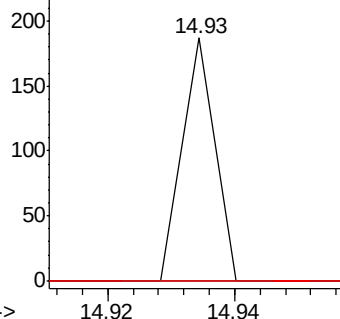
#54
 2,4-Dinitrophenol
 Concen: 4.889 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. 0.10 min
 Lab File: BG041362.D
 Acq: 20 Jun 2019 18:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.0	90.0#
154	0.0	58.3	87.5#

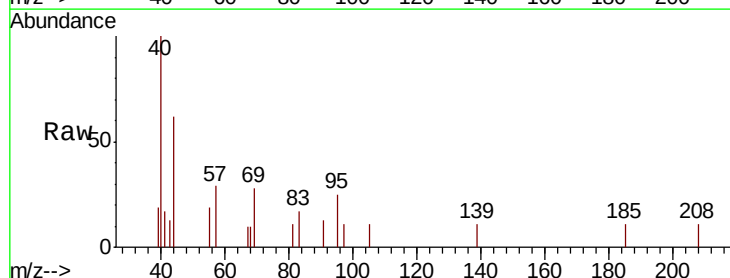


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

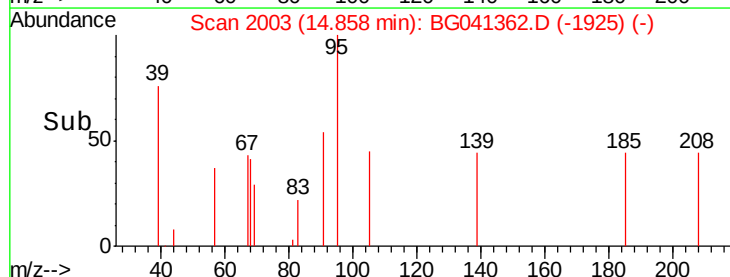
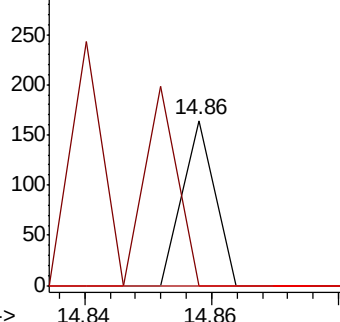


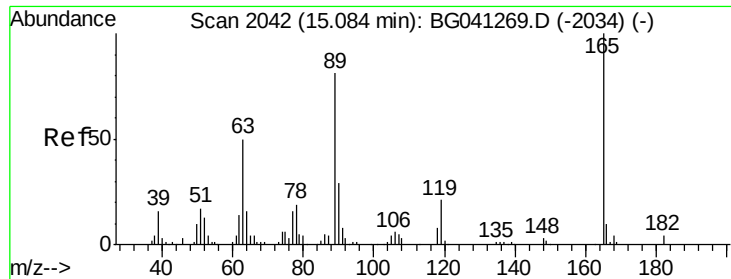
#56
 4-Nitrophenol
 Concen: 3.253 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.07 min
 Lab File: BG041362.D
 Acq: 20 Jun 2019 18:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.2	133.2#
65	0.0	110.2	150.2#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BG

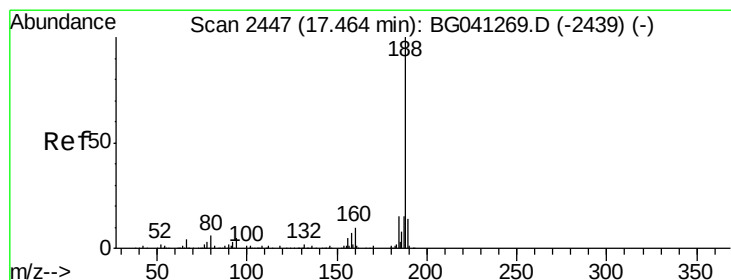
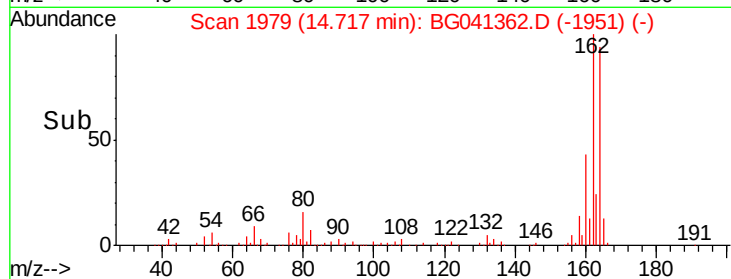
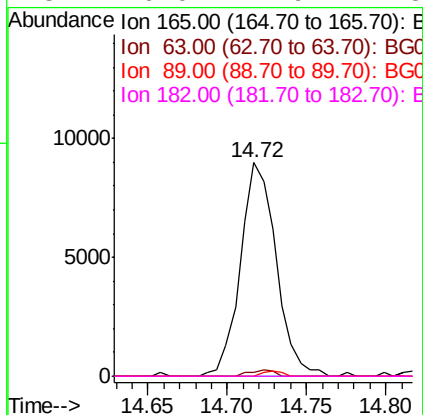
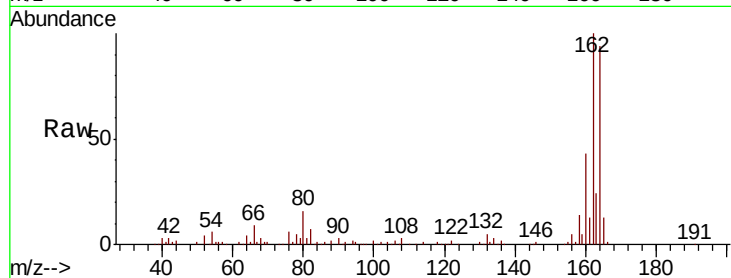




#57
 2,4-Dinitrotoluene
 Concen: 4.811 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041362.D
 Acq: 20 Jun 2019 18:22

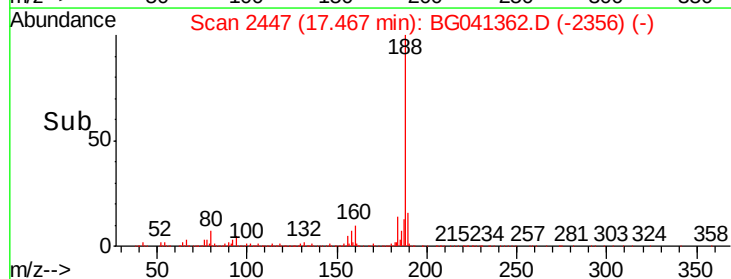
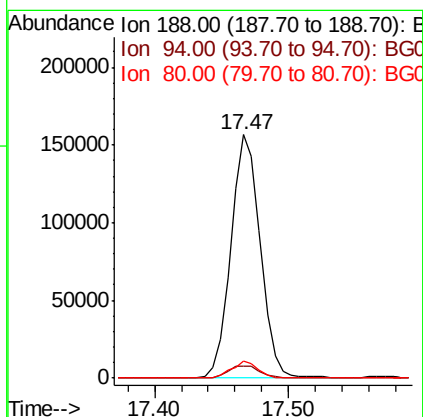
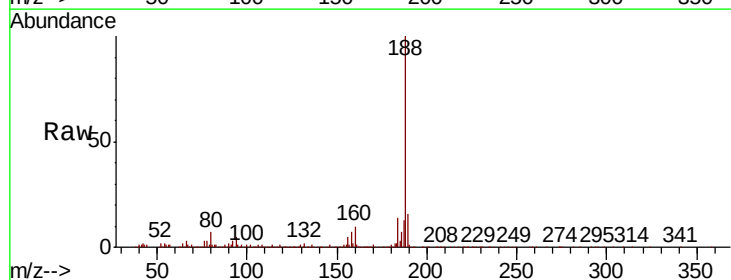
Instrument :
 BNA_G
 ClientSampleId :

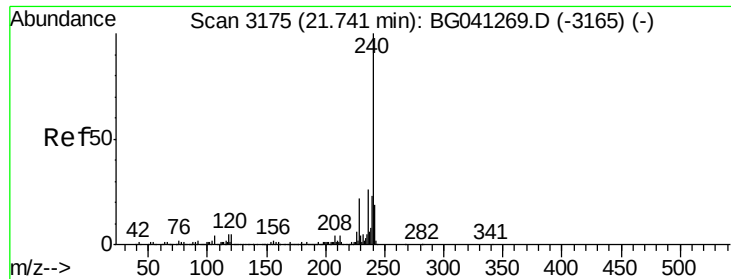
Tot Ion:	165	Resp:	14064
Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG041362.D
 Acq: 20 Jun 2019 18:22

Tgt Ion:	188	Resp:	240603
Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.6	5.4
80	7.0	4.8	7.2

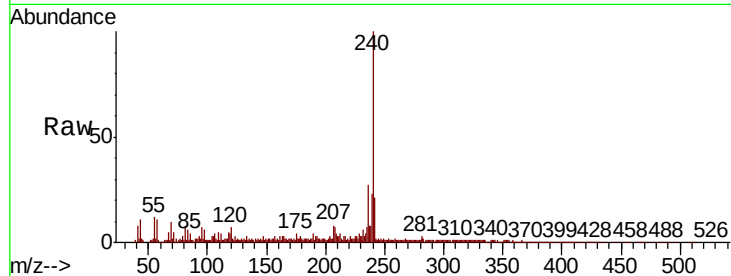




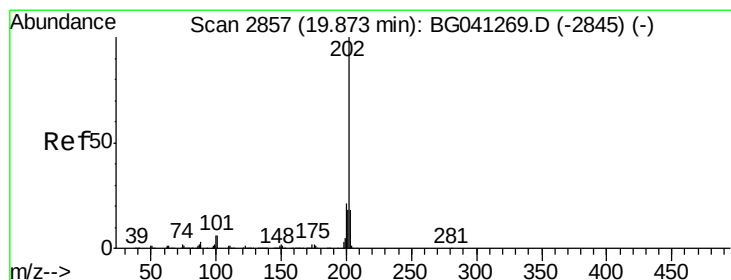
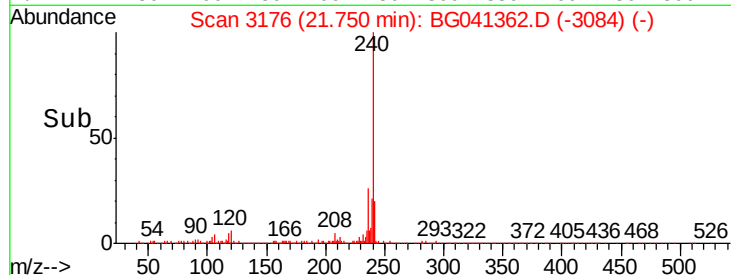
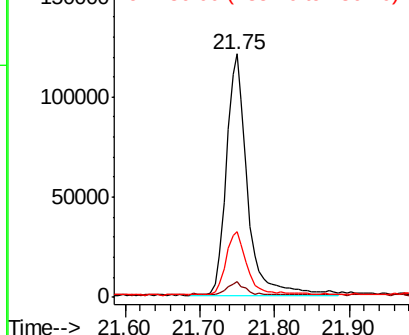
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.01 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 236400
Ion Ratio Lower Upper
240 100
120 6.6 3.7 5.5#
236 26.7 21.1 31.7

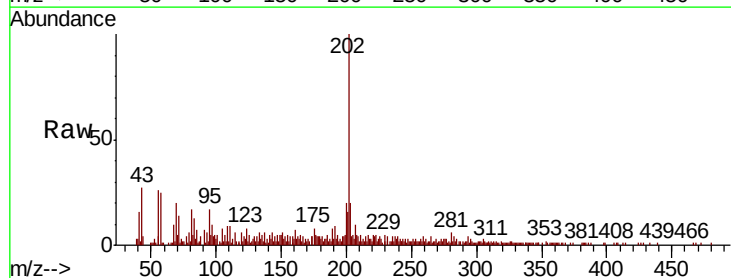


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

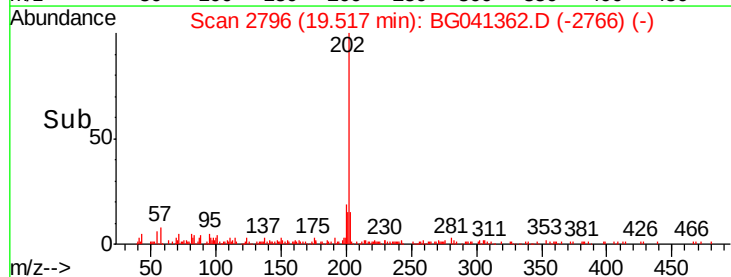
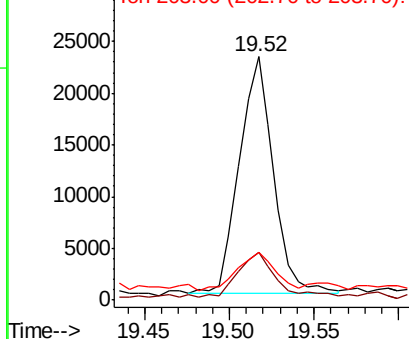


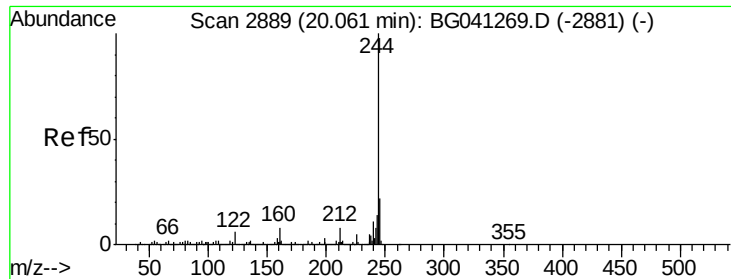
#78
Pyrene
Concen: 2.020 ng
RT: 19.52 min Scan# 2796
Delta R.T. -0.36 min
Lab File: BG041362.D
Acq: 20 Jun 2019 18:22

Tgt Ion:202 Resp: 32211
Ion Ratio Lower Upper
202 100
200 19.9 16.8 25.2
203 19.8 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 14.771 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

Instrument :

BNA_G

ClientSampleId :

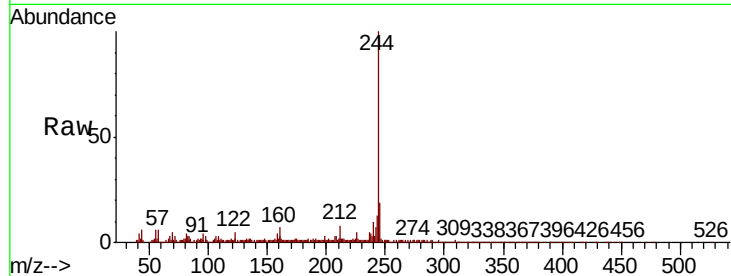
Tot Ion:244 Resp: 176199

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

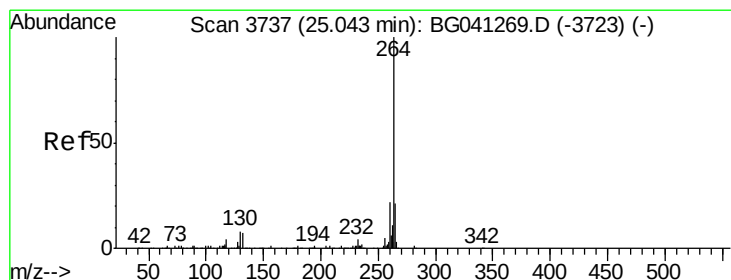
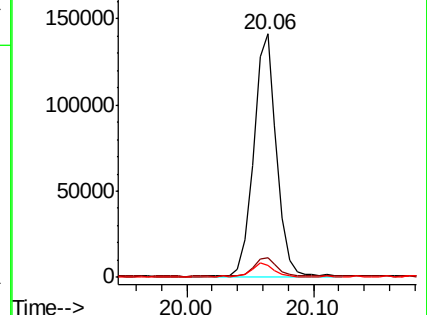
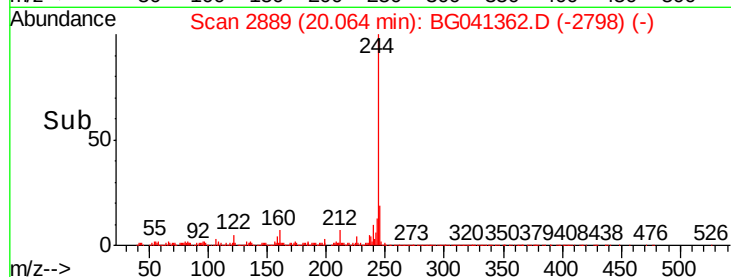
122 5.1 5.0 7.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3742

Delta R.T. 0.03 min

Lab File: BG041362.D

Acq: 20 Jun 2019 18:22

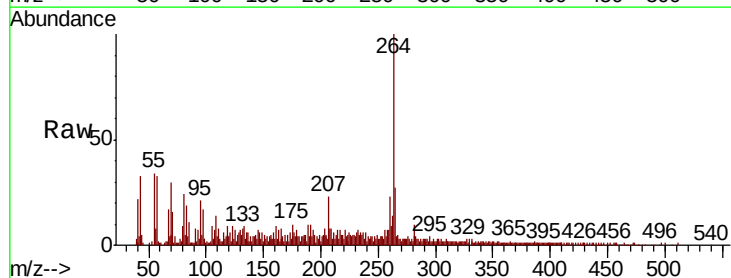
Tgt Ion:264 Resp: 148801

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.2

265 26.6 17.2 25.8#



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

