

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041331.D
 Acq On : 19 Jun 2019 16:58
 Operator : HP/JU
 Sample : K3154-07 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 17:46:43 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

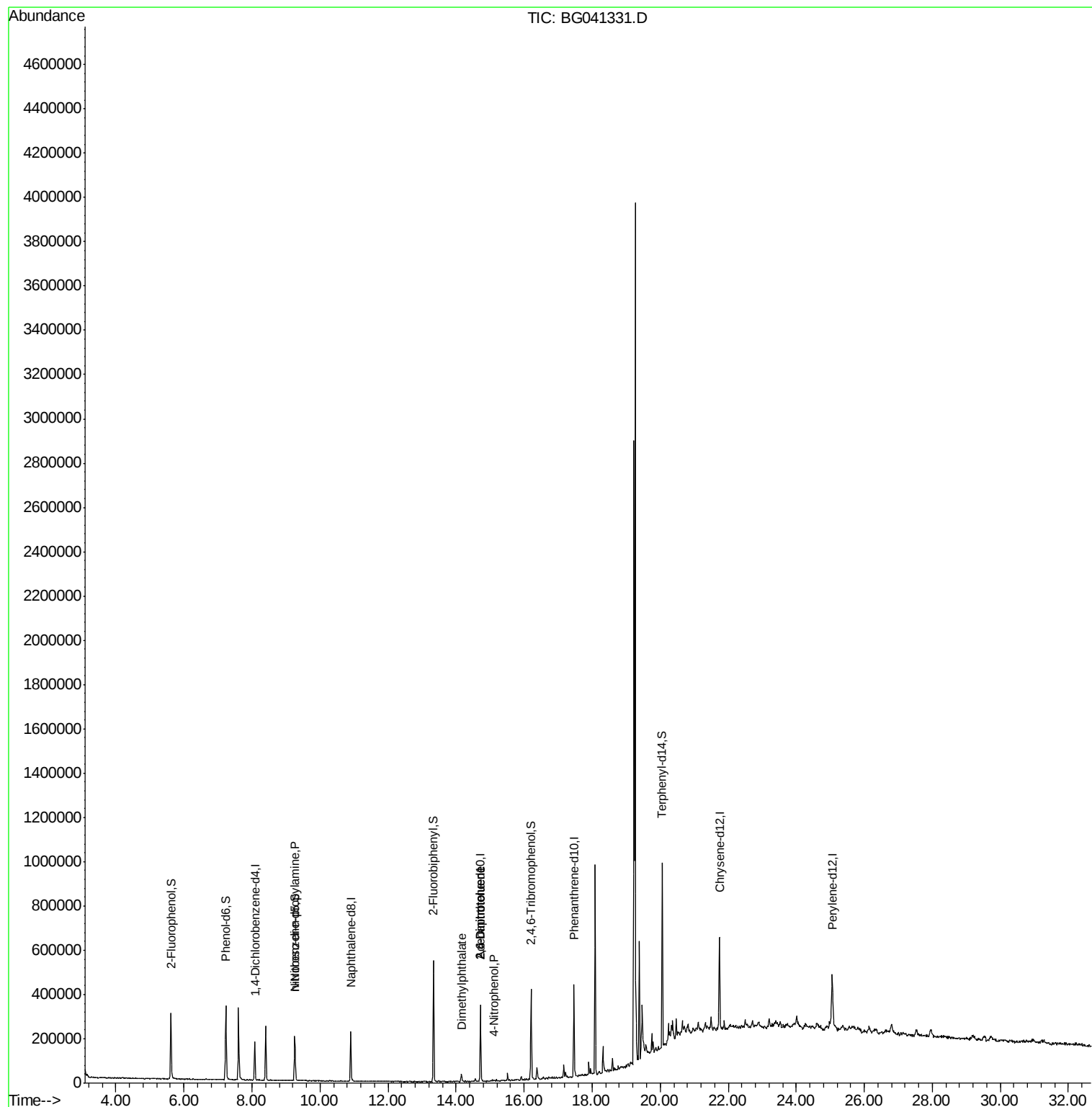
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	45846	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	179107	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119947	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	264823	20.00	ng	0.00
76) Chrysene-d12	21.74	240	267428	20.00	ng	0.00
87) Perylene-d12	25.06	264	291236	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	121814	48.82	ng	0.00
7) Phenol-d6	7.23	99	178643	49.39	ng	0.00
23) Nitrobenzene-d5	9.26	82	129735	30.46	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	75518	41.01	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	275231	31.19	ng	0.00
79) Terphenyl-d14	20.06	244	407150	30.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	18721	6.400	ng	# 76
50) Dimethylphthalate	14.16	163	22363	2.095	ng	# 97
51) 2,6-Dinitrotoluene	14.72	165	15524	6.899	ng	# 17
56) 4-Nitrophenol	15.13	139	55	3.247	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	15524	4.719	ng	# 21

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

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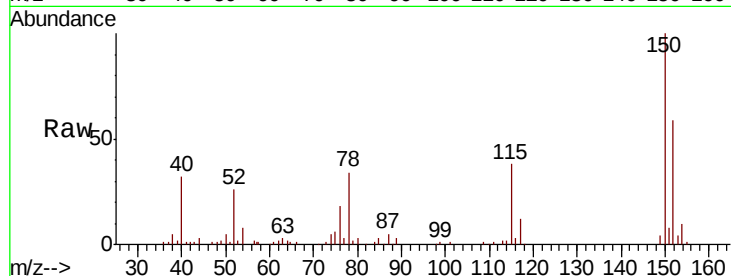


#1

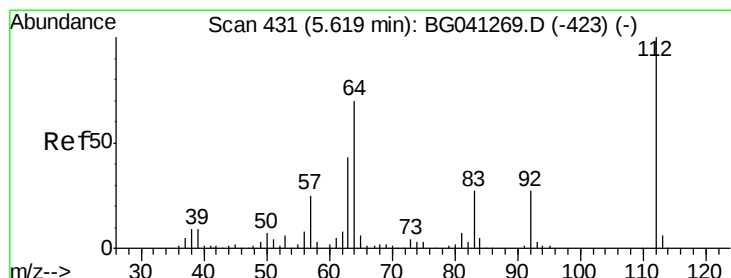
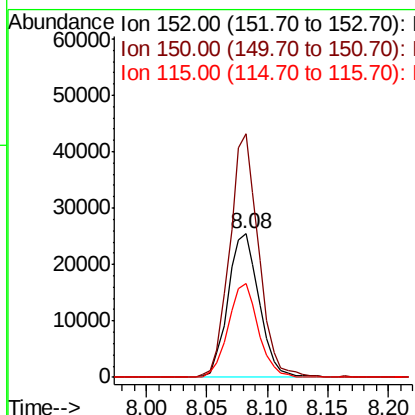
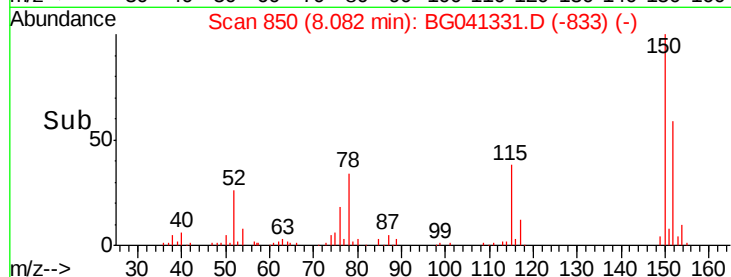
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041331.D
Acq: 19 Jun 2019 16:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 45846
Ion Ratio Lower Upper
152 100
150 169.7 120.6 181.0
115 65.0 47.9 71.9



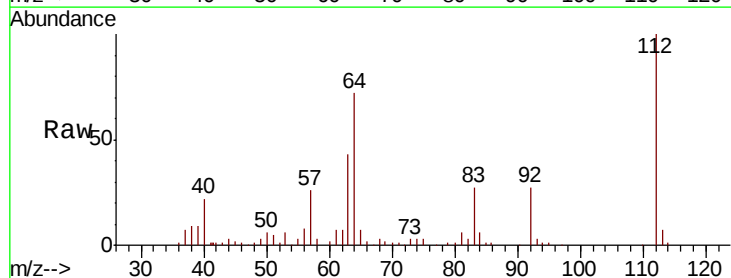
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



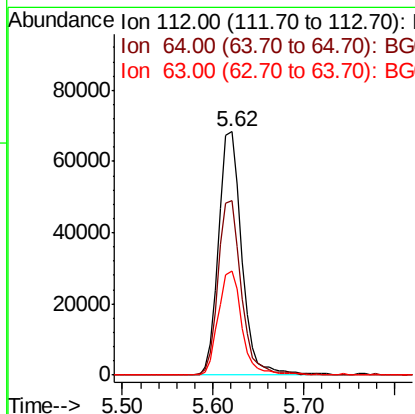
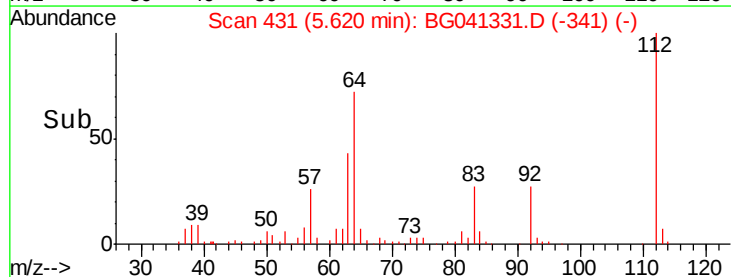
#5

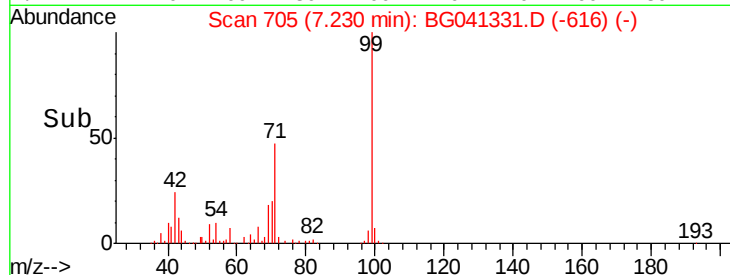
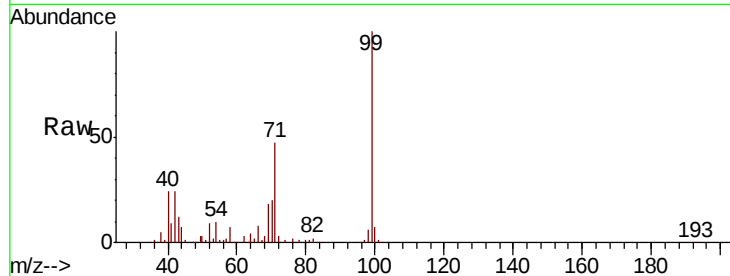
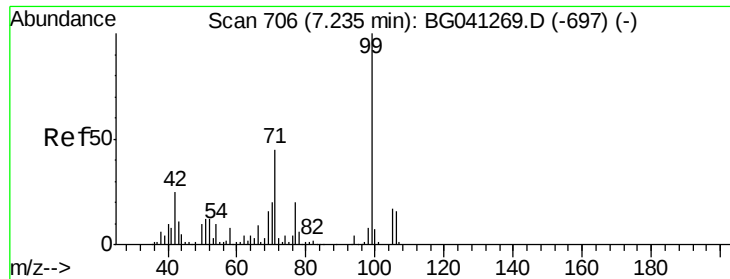
2-Fluorophenol
Concen: 48.821 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041331.D
Acq: 19 Jun 2019 16:58

Tgt Ion:112 Resp: 121814
Ion Ratio Lower Upper
112 100
64 71.8 55.9 83.9
63 42.8 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: 49.394 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041331.D

Acq: 19 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

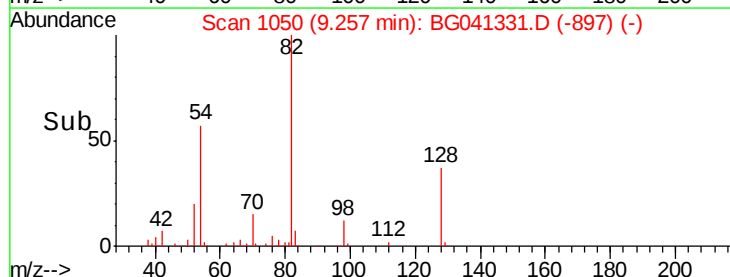
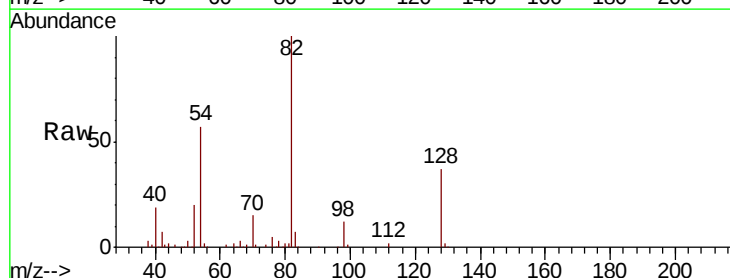
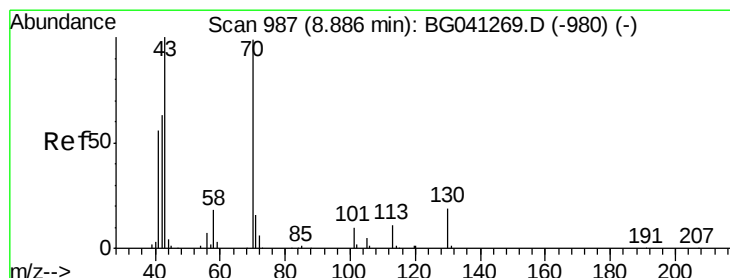
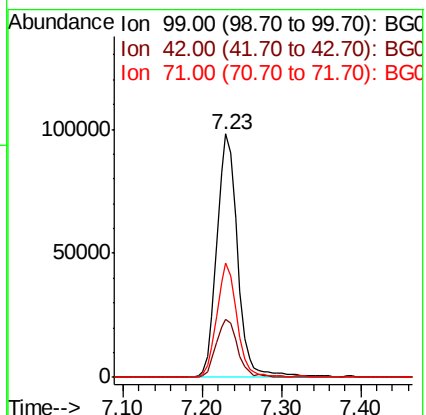
Tot Ion: 99 Resp: 178643

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

71 47.0 36.4 54.6



#19

n-Nitroso-di-n-propylamine

Concen: 6.400 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.37 min

Lab File: BG041331.D

Acq: 19 Jun 2019 16:58

Tgt Ion: 70 Resp: 18721

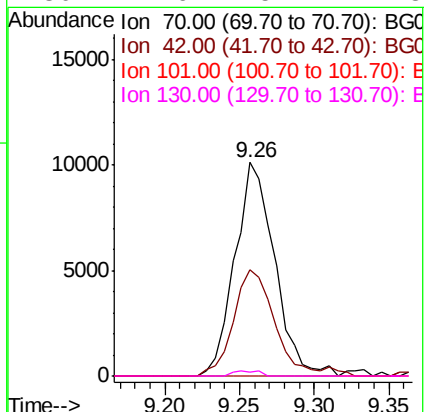
Ion Ratio Lower Upper

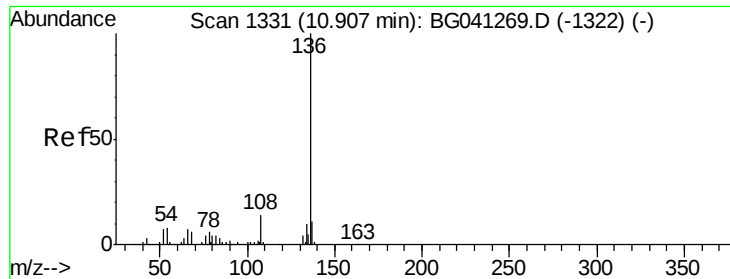
70 100

42 49.5 51.4 77.2#

101 0.0 8.2 12.2#

130 1.6 15.2 22.8#

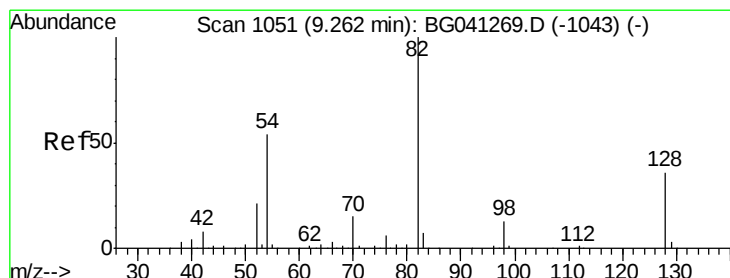
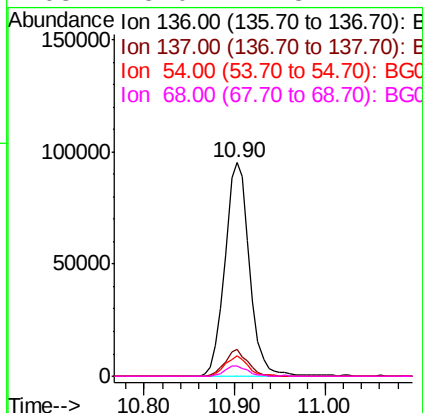
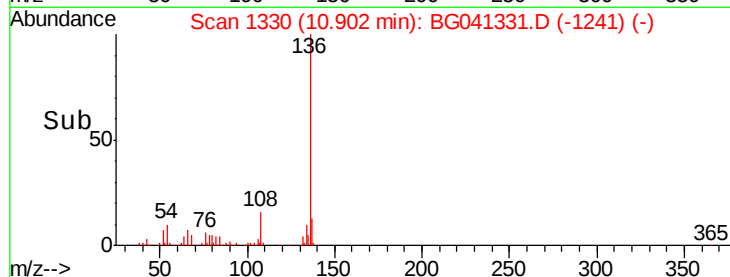
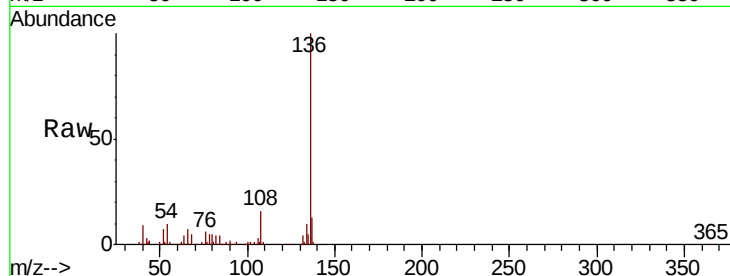




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041331.D
Acq: 19 Jun 2019 16:58

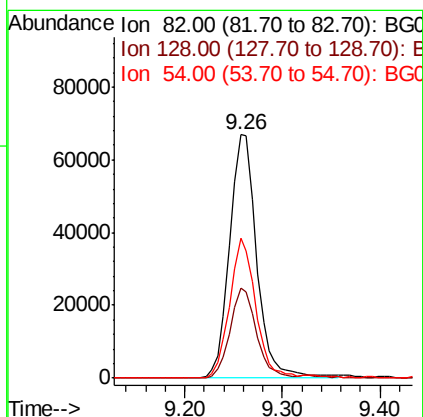
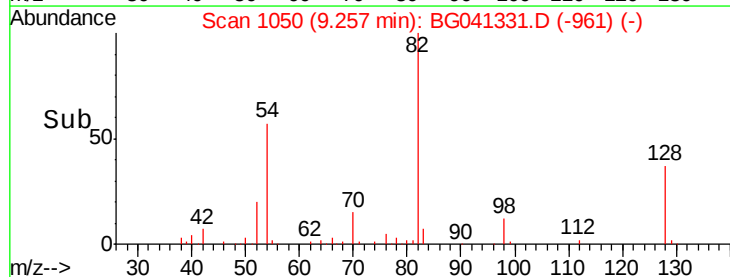
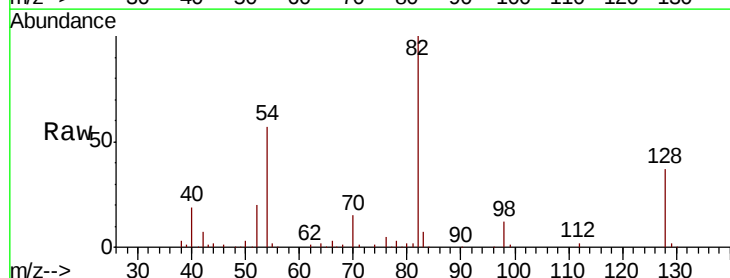
Instrument :
BNA_G
ClientSampled :

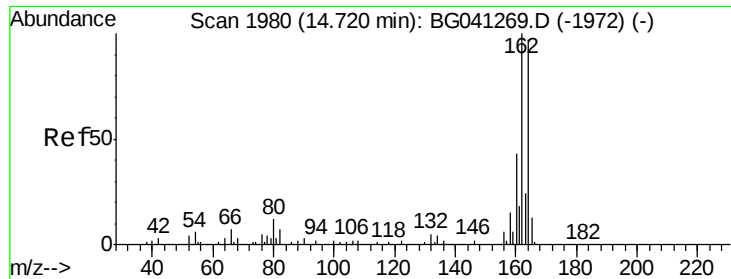
Tot Ion:136	Resp:	179107
Ion Ratio	Lower	Upper
136	100	
137	12.8	8.8 13.2
54	9.8	6.4 9.6#
68	5.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 30.463 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041331.D
Acq: 19 Jun 2019 16:58

Tgt Ion: 82	Resp:	129735
Ion Ratio	Lower	Upper
82	100	
128	36.9	29.2 43.8
54	57.3	43.4 65.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041331.D

Acq: 19 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

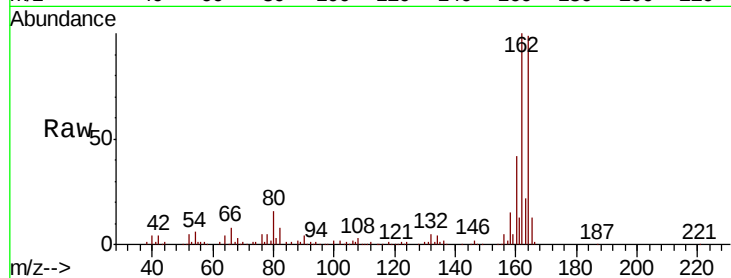
Tot Ion:164 Resp: 119947

Ion Ratio Lower Upper

164 100

162 101.3 82.8 124.2

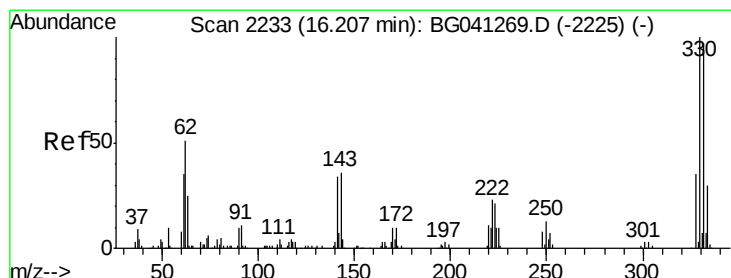
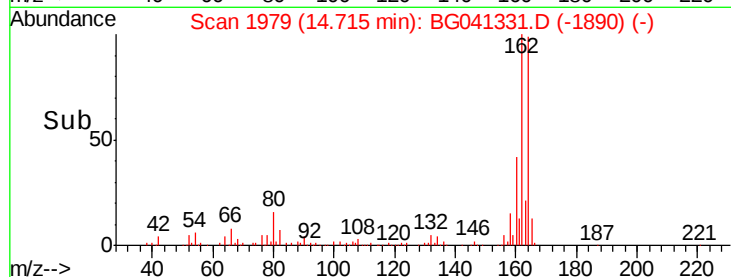
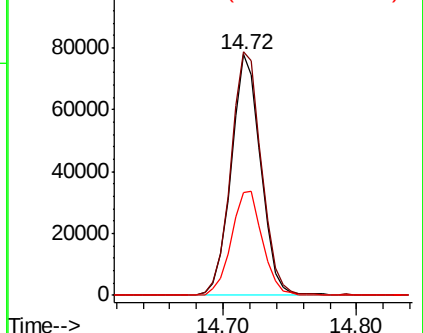
160 42.9 35.8 53.8



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: 41.010 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041331.D

Acq: 19 Jun 2019 16:58

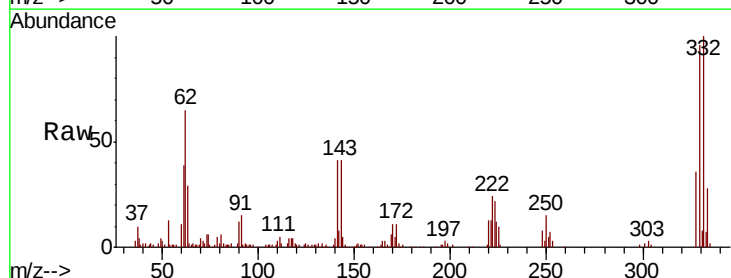
Tgt Ion:330 Resp: 75518

Ion Ratio Lower Upper

330 100

332 99.8 75.5 113.3

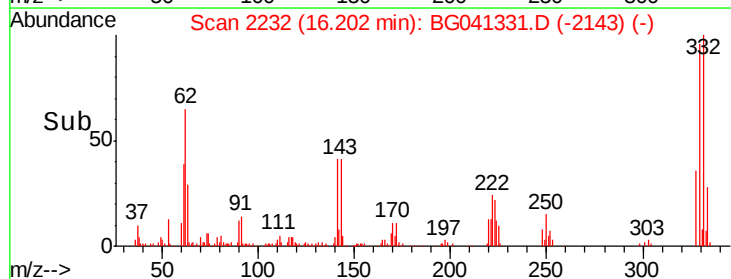
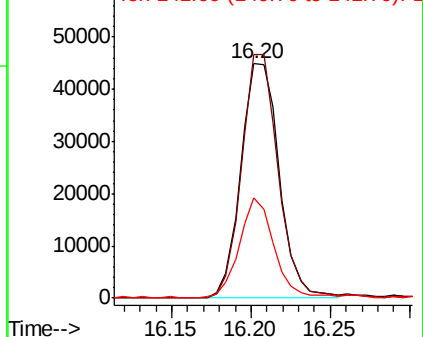
141 38.7 29.0 43.4

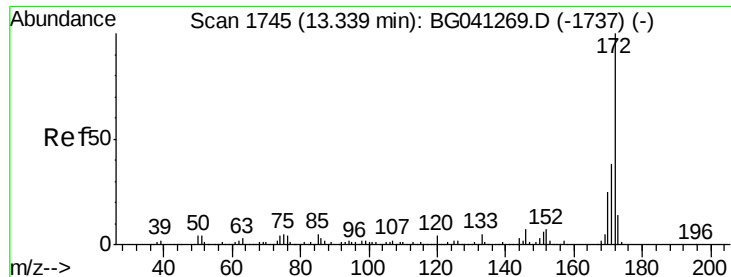


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

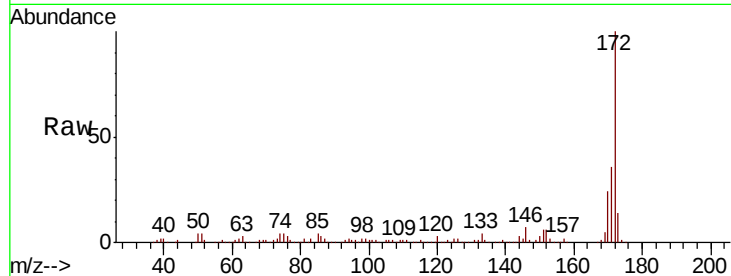




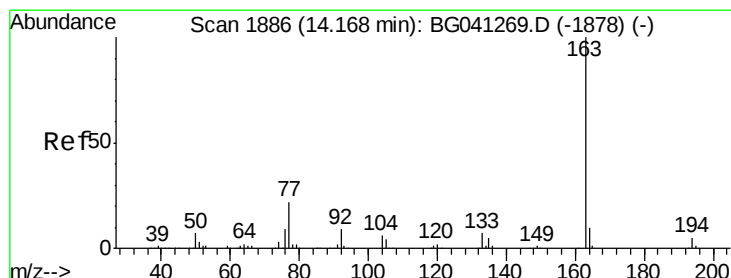
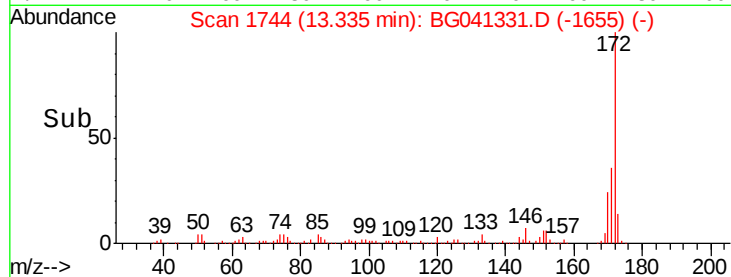
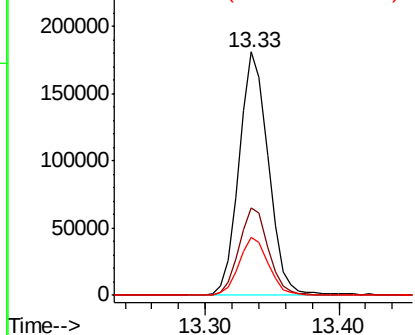
#45
2-Fluorobiphenyl
Concen: 31.187 ng
RT: 13.33 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041331.D
Acq: 19 Jun 2019 16:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 275231
Ion Ratio Lower Upper
172 100
171 35.7 30.0 45.0
170 24.0 19.8 29.6

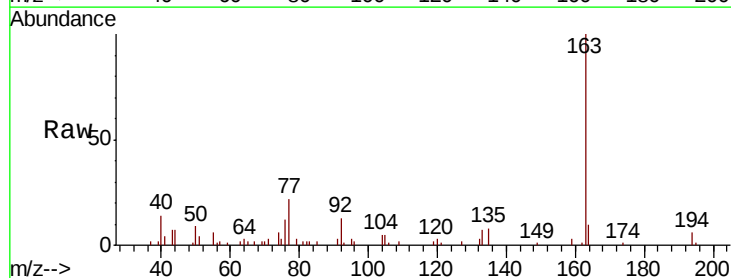


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

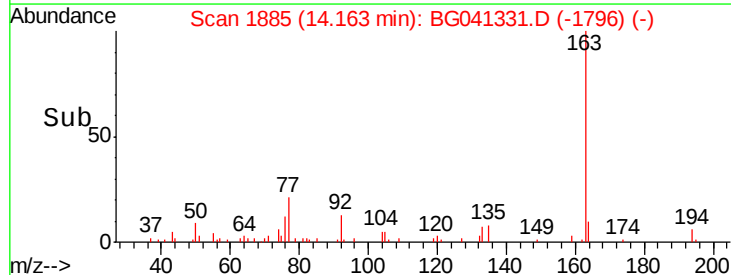
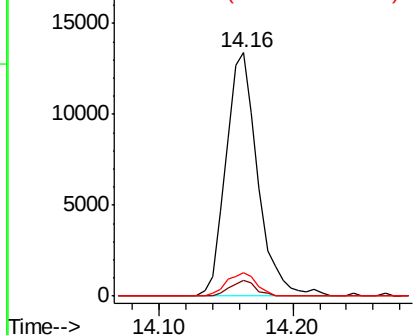


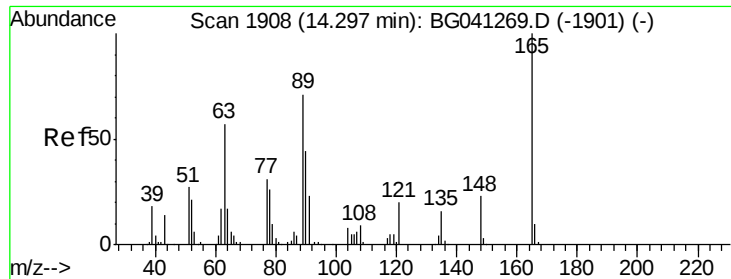
#50
Dimethylphthalate
Concen: 2.095 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG041331.D
Acq: 19 Jun 2019 16:58

Tgt Ion:163 Resp: 22363
Ion Ratio Lower Upper
163 100
194 6.4 3.9 5.9#
164 9.5 8.3 12.5



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

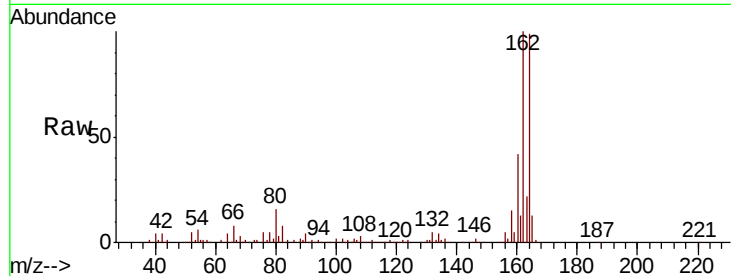




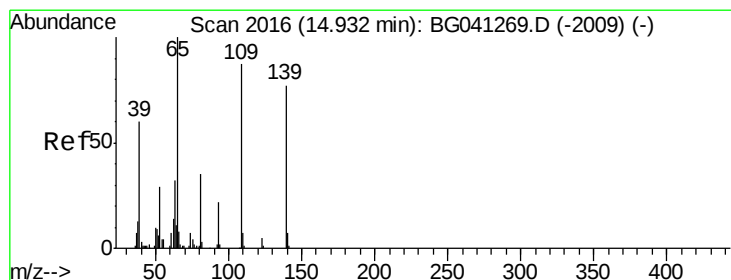
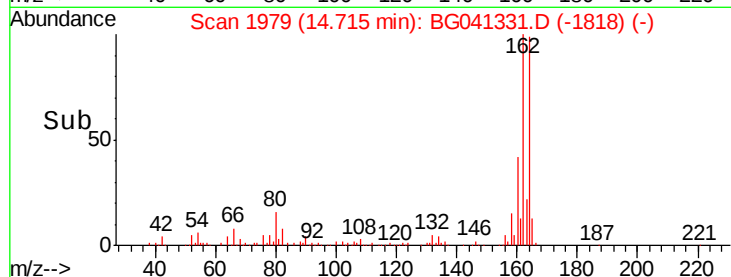
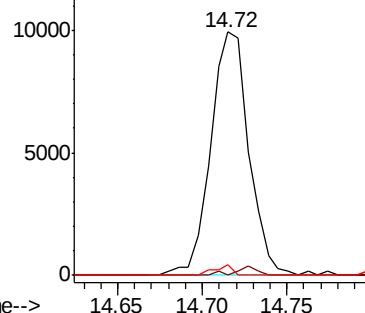
#51
 2,6-Dinitrotoluene
 Concen: 6.899 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.42 min
 Lab File: BG041331.D
 Acq: 19 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15524
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.0#
 89 4.2 56.5 84.7#

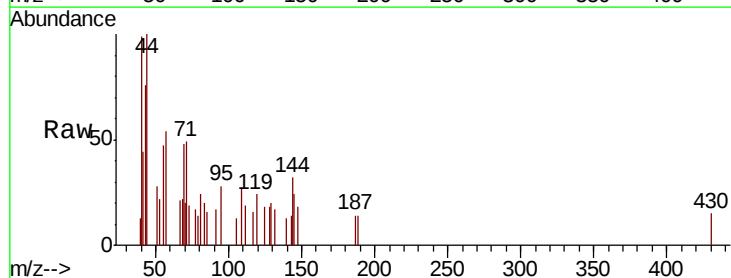


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

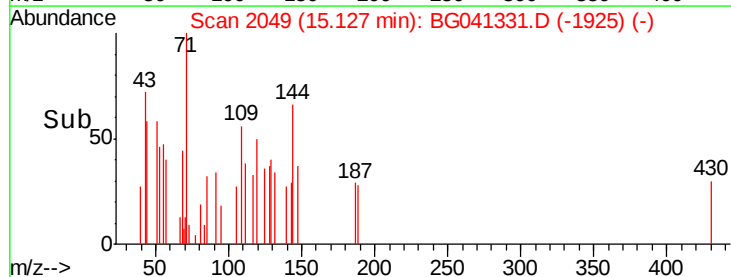
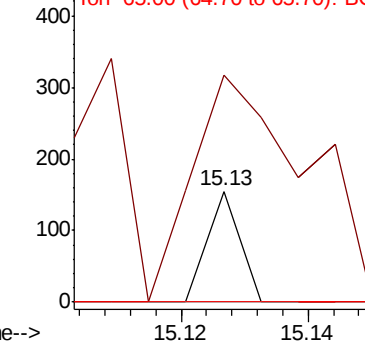


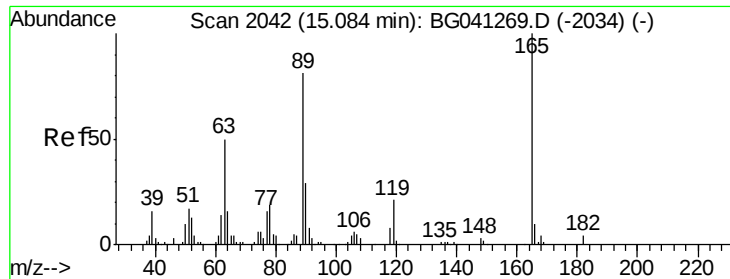
#56
 4-Nitrophenol
 Concen: 3.247 ng
 RT: 15.13 min Scan# 2049
 Delta R.T. 0.20 min
 Lab File: BG041331.D
 Acq: 19 Jun 2019 16:58

Tgt Ion:139 Resp: 55
 Ion Ratio Lower Upper
 139 100
 109 204.5 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

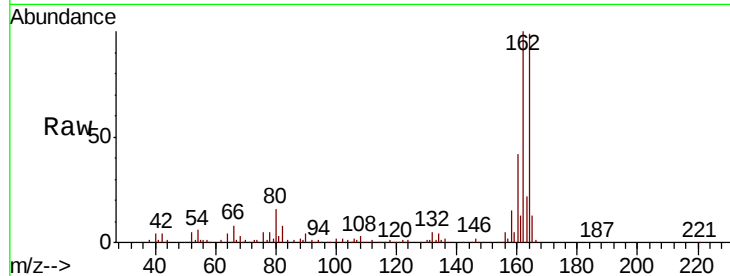




#57
 2,4-Dinitrotoluene
 Concen: 4.719 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041331.D
 Acq: 19 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	4.2	64.6	96.8#
182	0.0	2.9	4.3#

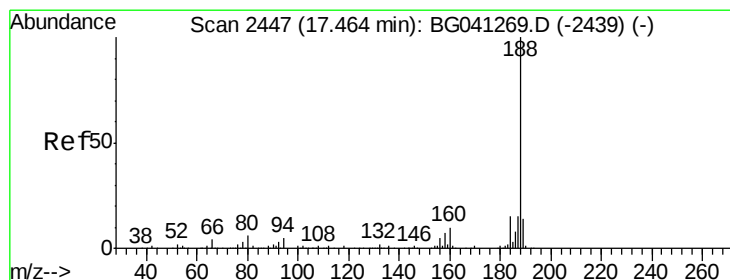
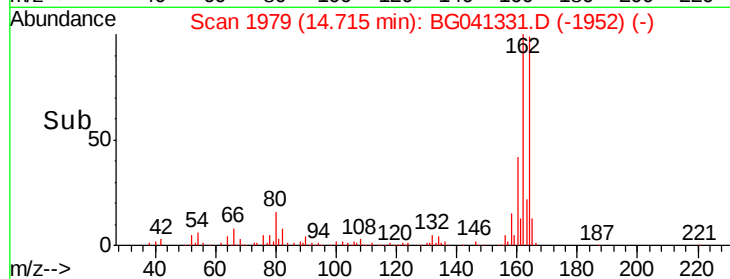
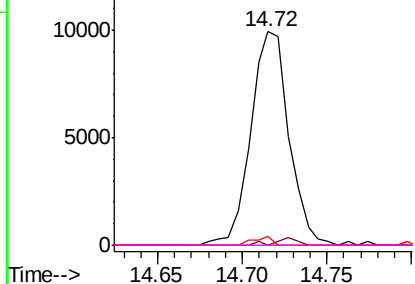


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



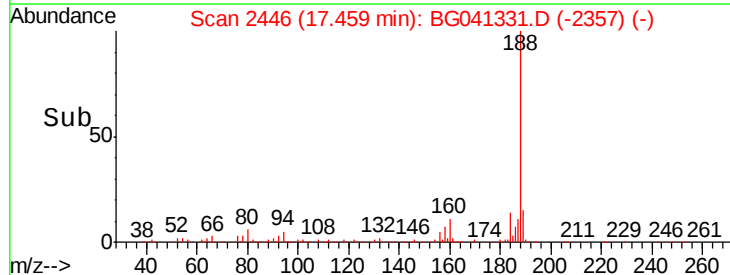
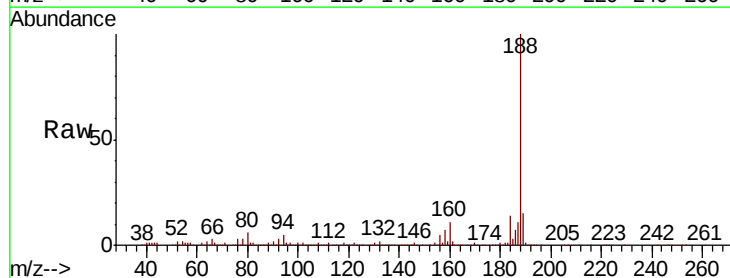
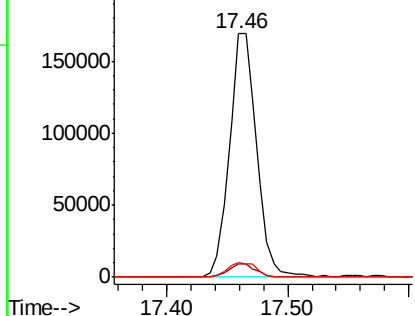
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG041331.D
 Acq: 19 Jun 2019 16:58

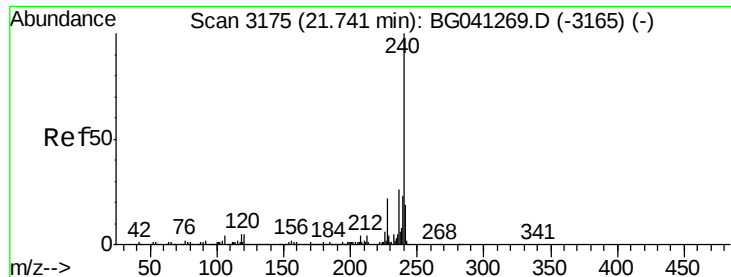
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.6	5.4
80	6.2	4.8	7.2

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041331.D

Acq: 19 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

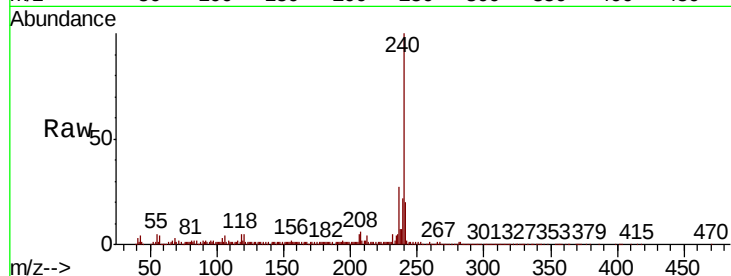
Tot Ion:240 Resp: 267428

Ion Ratio Lower Upper

240 100

120 5.3 3.7 5.5

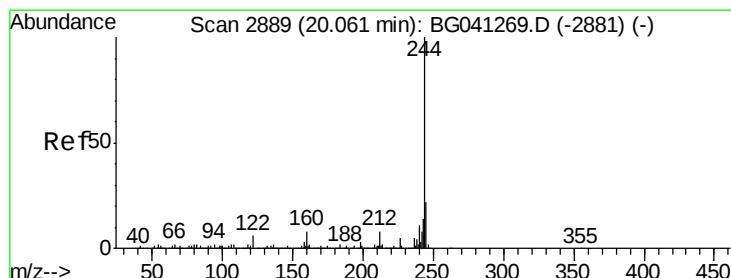
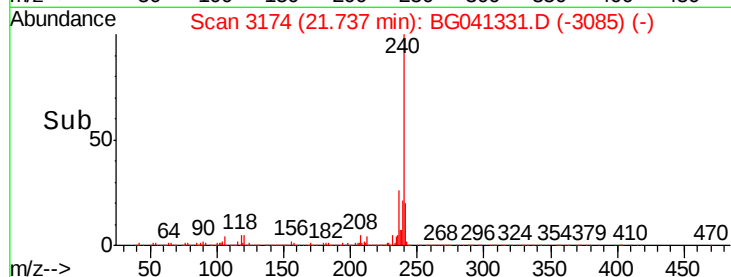
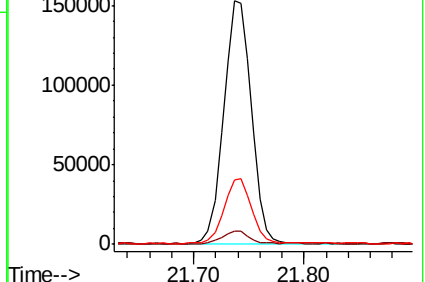
236 26.5 21.1 31.7



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



#79

Terphenyl-d14

Concen: 30.172 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041331.D

Acq: 19 Jun 2019 16:58

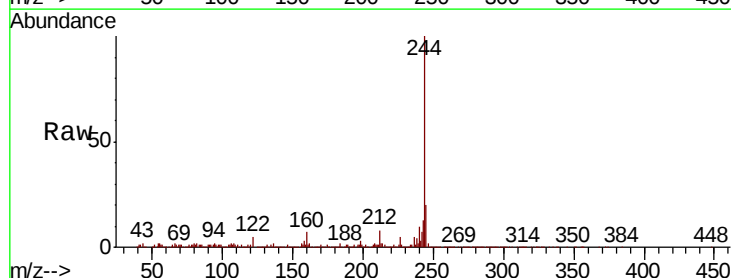
Tgt Ion:244 Resp: 407150

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

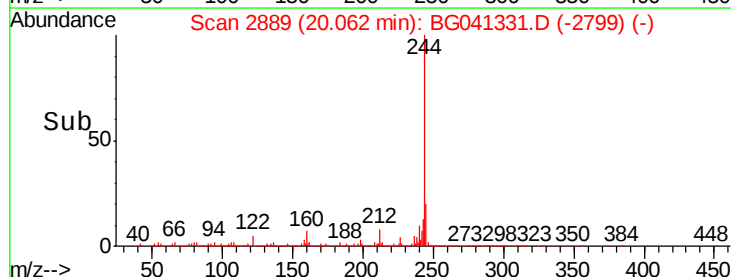
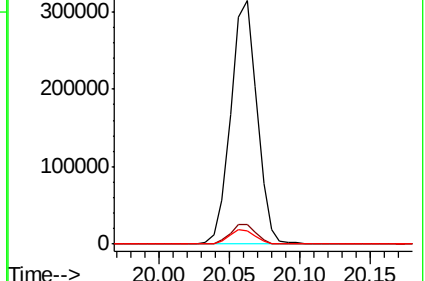
122 5.4 5.0 7.4

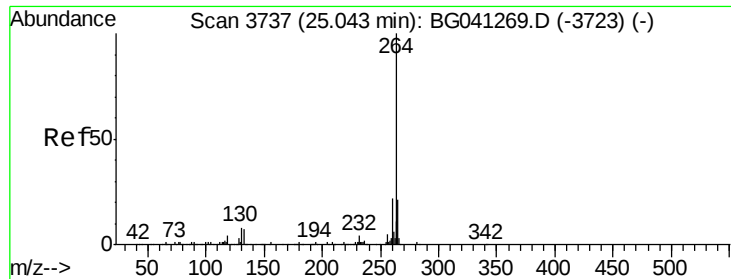


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

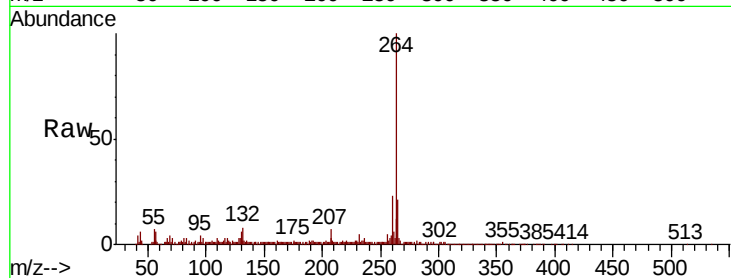




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3739
 Delta R.T. 0.01 min
 Lab File: BG041331.D
 Acq: 19 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.2
265	21.2	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

