

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042544.D
 Acq On : 28 Aug 2019 22:32
 Operator : HP/JU
 Sample : K4536-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 06:00:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

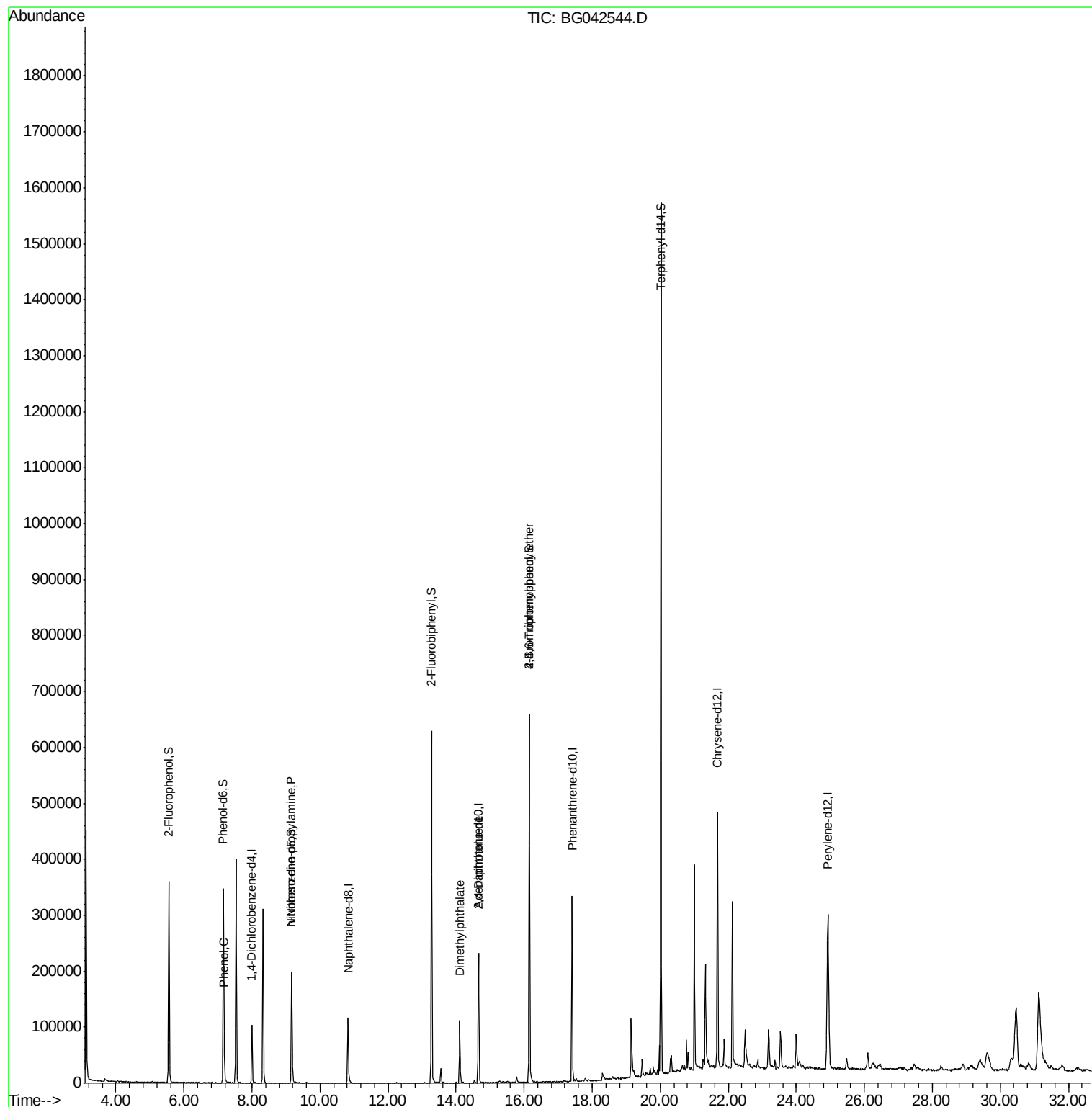
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34628	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131326	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97159	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	250435	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	293533	20.00	ng	-0.01
87) Perylene-d12	24.92	264	348475	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	188705	110.37	ng	0.00
7) Phenol-d6	7.16	99	243267	105.33	ng	-0.01
23) Nitrobenzene-d5	9.17	82	137833	72.53	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	171631	124.28	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	390460	67.97	ng	0.00
79) Terphenyl-d14	20.02	244	801428	59.03	ng	0.00
Target Compounds						
10) Phenol	7.19	94	6486	2.762	ng	82
19) n-Nitroso-di-n-propylamine	9.16	70	17278	11.548	ng	# 77
50) Dimethylphthalate	14.10	163	98788	14.092	ng	99
57) 2,4-Dinitrotoluene	14.66	165	12796	5.499	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	11946	3.761	ng	# 1

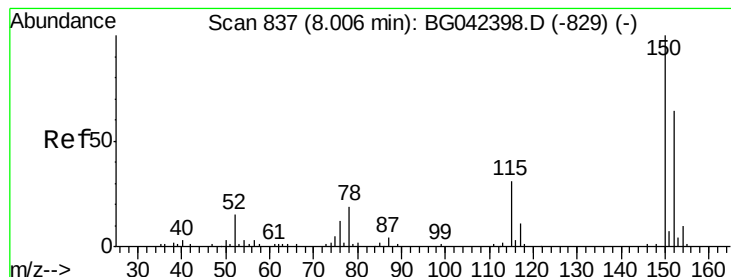
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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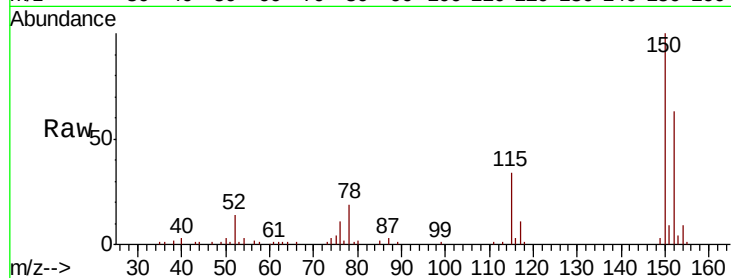


#1

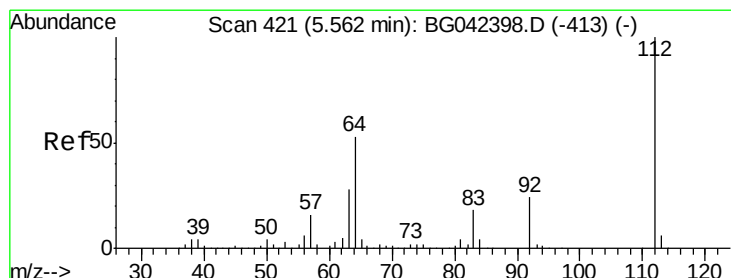
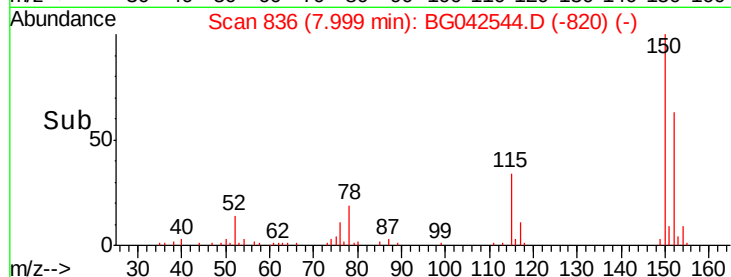
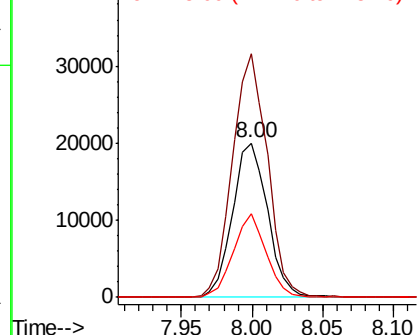
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34628
Ion Ratio Lower Upper
152 100
150 157.7 125.4 188.0
115 54.4 38.5 57.7



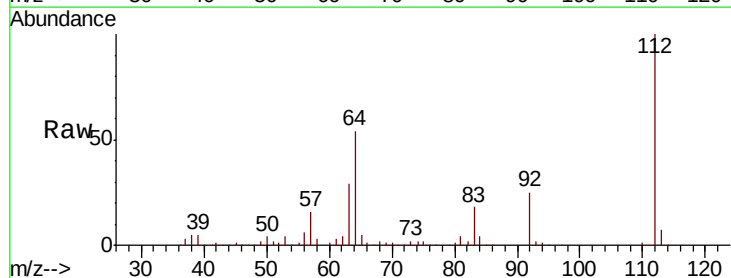
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



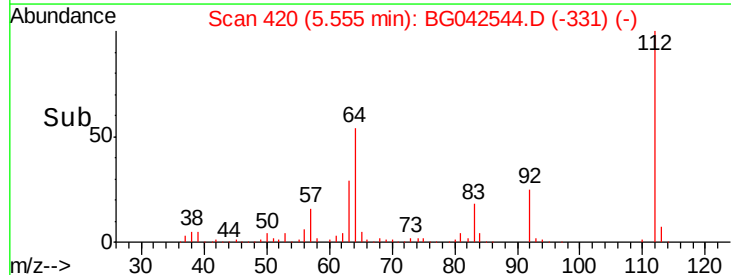
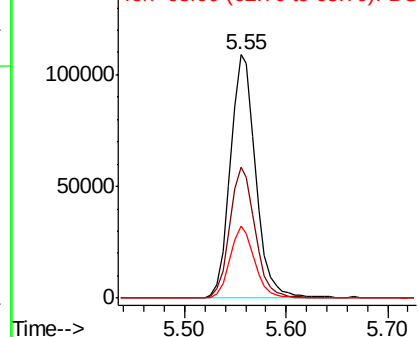
#5

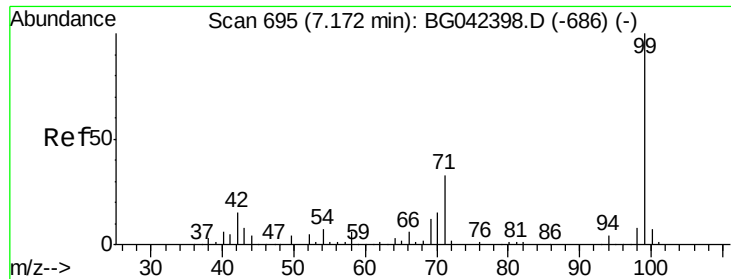
2-Fluorophenol
Concen: 110.368 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Tgt Ion:112 Resp: 188705
Ion Ratio Lower Upper
112 100
64 53.6 42.8 64.2
63 29.5 22.7 34.1



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: 105.332 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

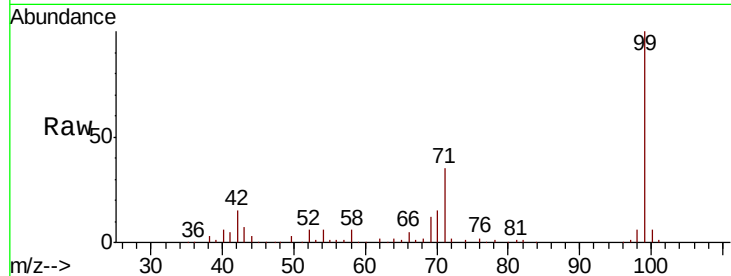
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 243267

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.0	18.0
71	35.0	26.3	39.5

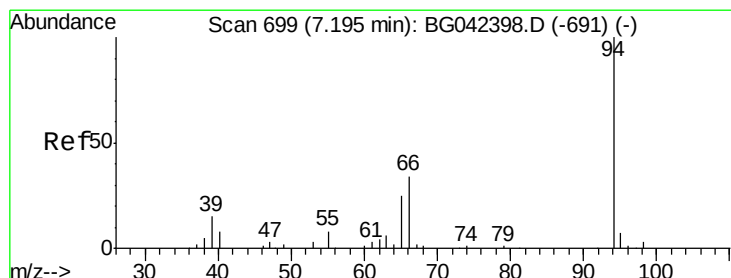
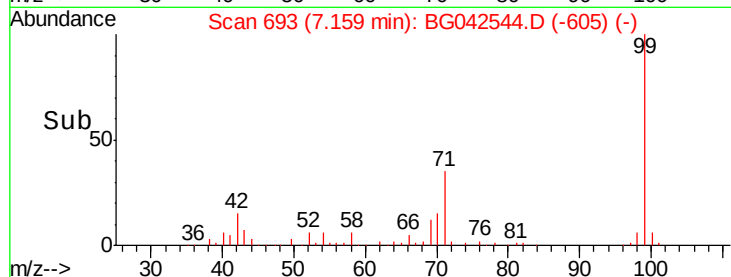
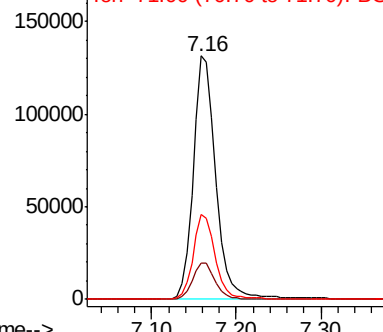


Abundance

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: 2.762 ng

RT: 7.19 min Scan# 698

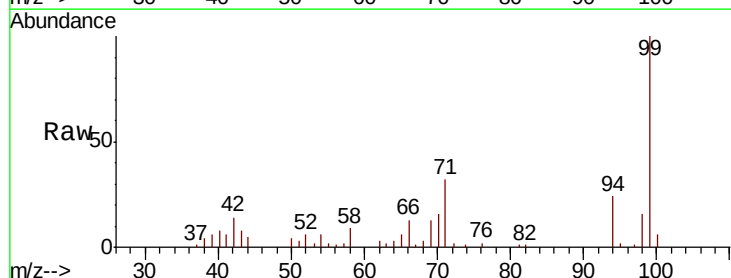
Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

Tgt Ion: 94 Resp: 6486

Ion	Ratio	Lower	Upper
94	100		
65	24.5	5.6	45.6
66	53.1	16.0	56.0

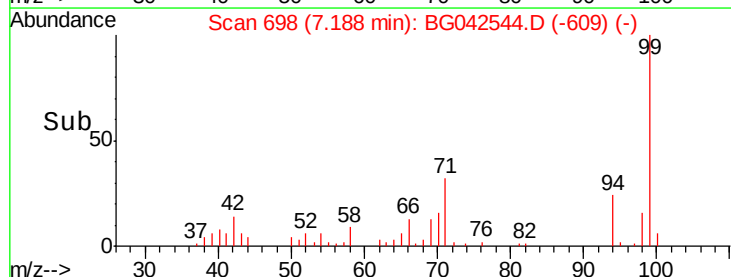
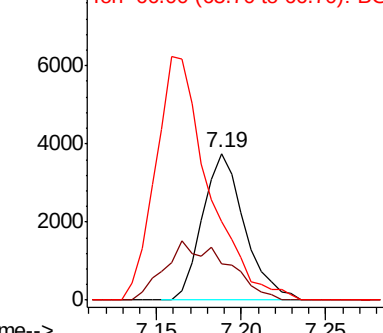


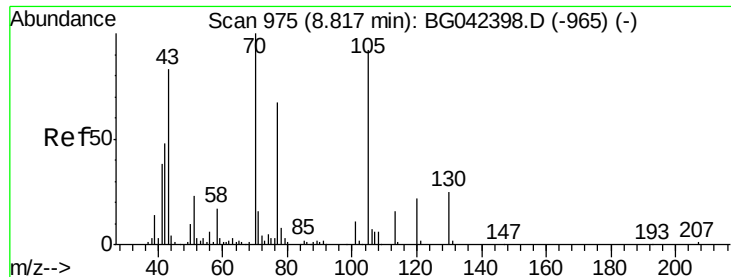
Abundance

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

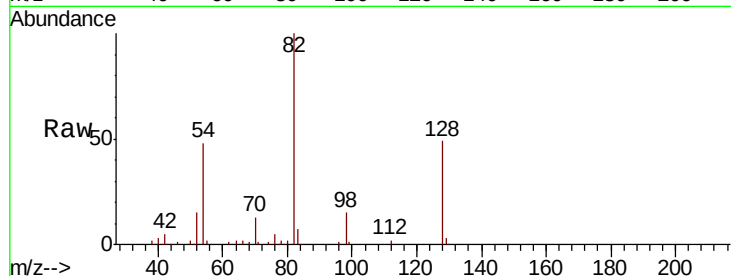




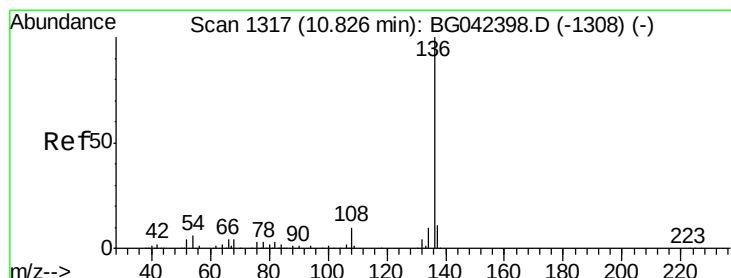
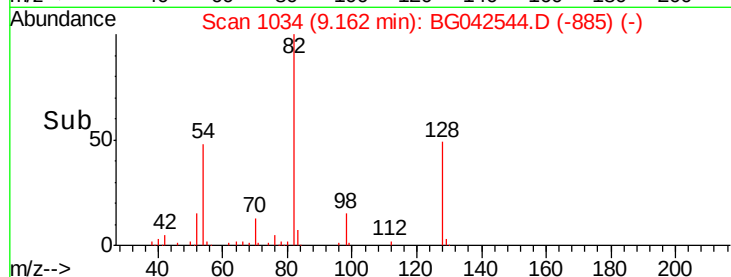
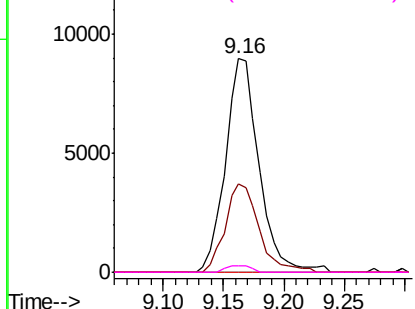
#19
n-Nitroso-di-n-propylamine
Concen: 11.548 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 17278
Ion Ratio Lower Upper
70 100
42 41.1 38.8 58.2
101 0.0 9.0 13.6#
130 2.8 20.0 30.0#



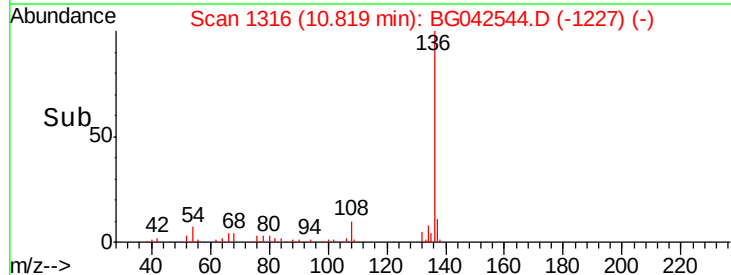
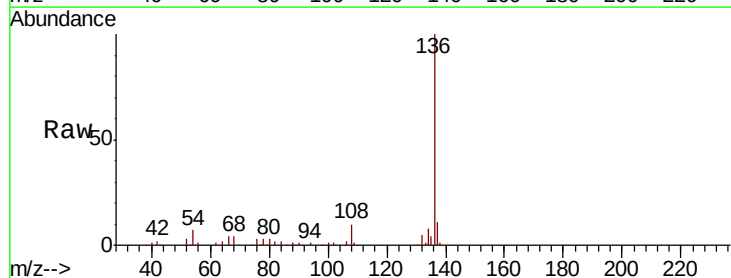
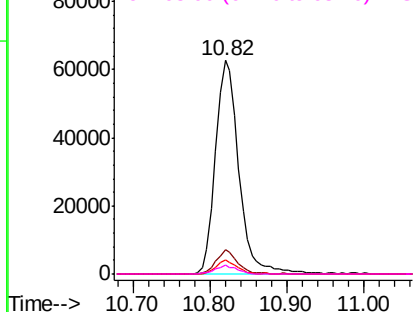
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

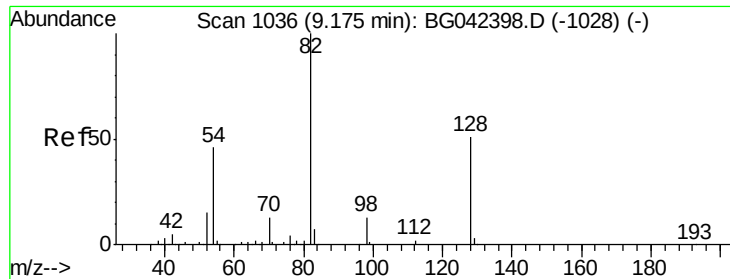


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Tgt Ion: 136 Resp: 131326
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 6.7 4.9 7.3
68 4.3 3.6 5.4

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

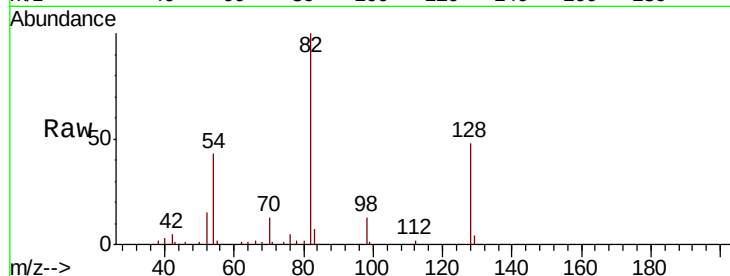




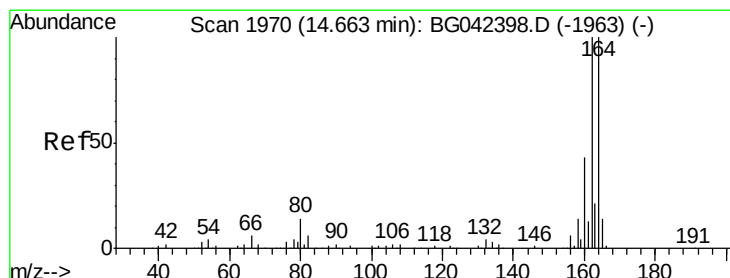
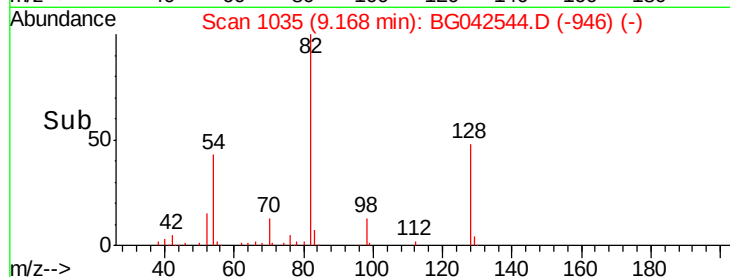
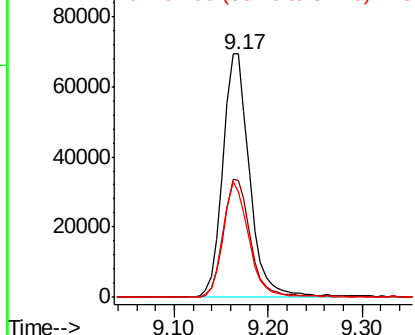
#23
Nitrobenzene-d5
Concen: 72.528 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	82.00	Resp	137833
Ion Ratio	Lower	Upper	
82	100		
128	48.0	40.7	61.1
54	43.3	36.3	54.5

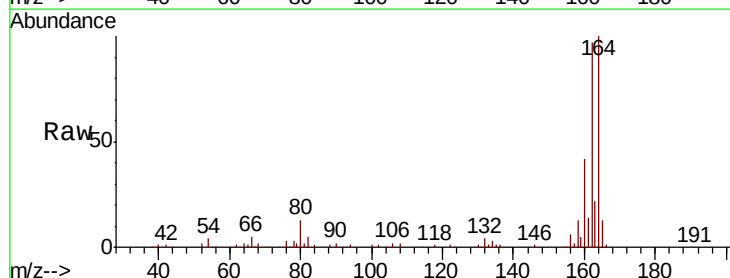


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

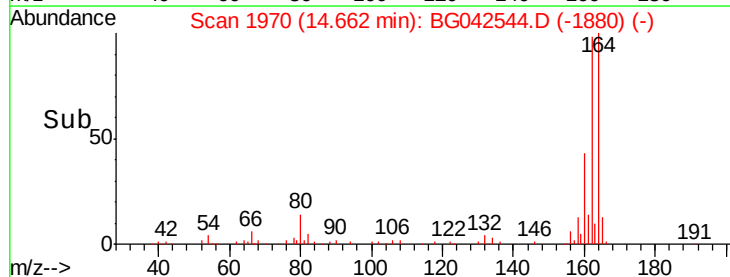
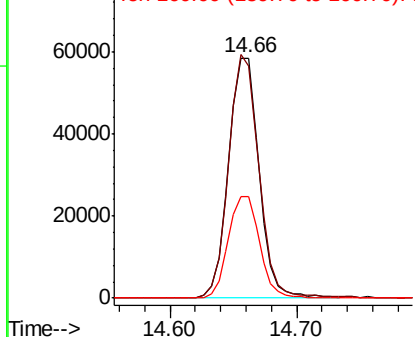


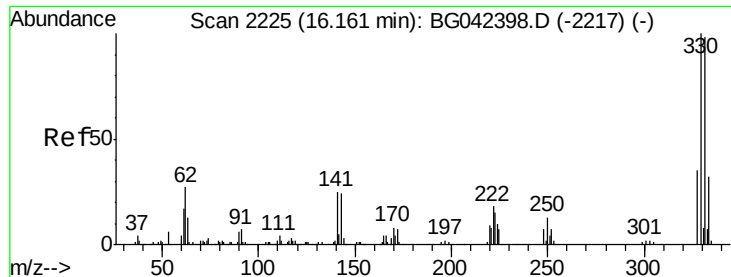
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042544.D
Acq: 28 Aug 2019 22:32

Tgt Ion	164.00	Resp	97159
Ion Ratio	Lower	Upper	
164	100		
162	96.7	79.9	119.9
160	42.1	34.3	51.5



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: 124.284 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

Instrument :

BNA_G

ClientSampled :

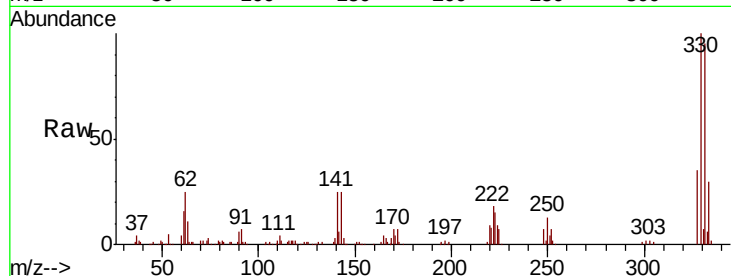
Tot Ion:330 Resp: 171631

Ion Ratio Lower Upper

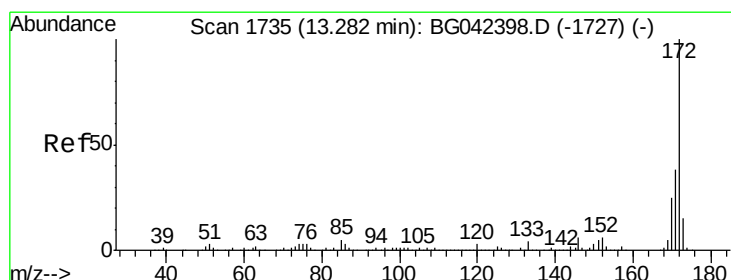
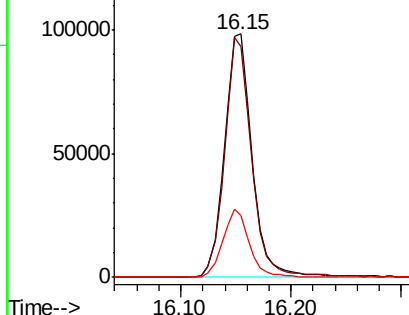
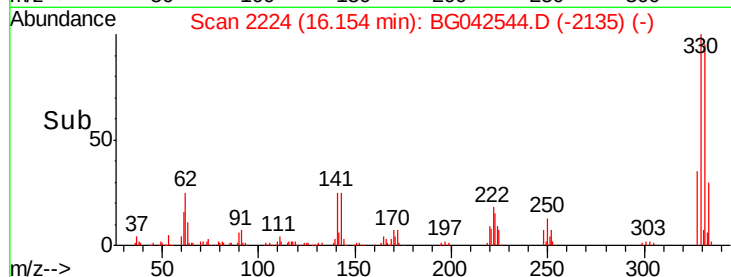
330 100

332 96.8 77.4 116.0

141 26.8 21.4 32.0



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: 67.969 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

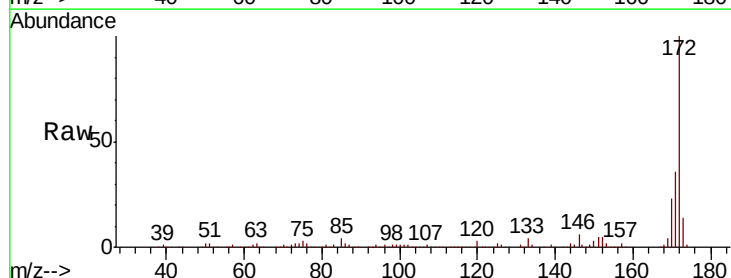
Tgt Ion:172 Resp: 390460

Ion Ratio Lower Upper

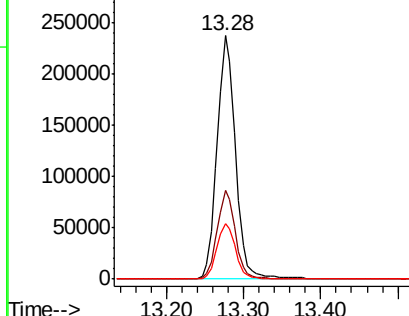
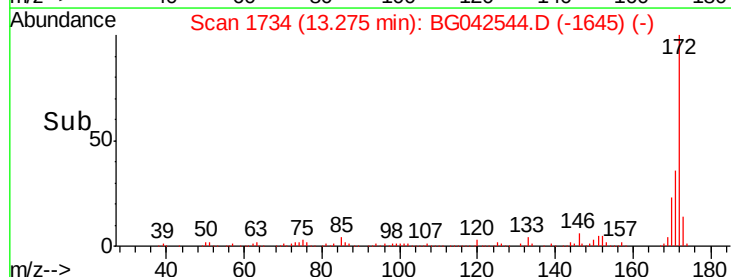
172 100

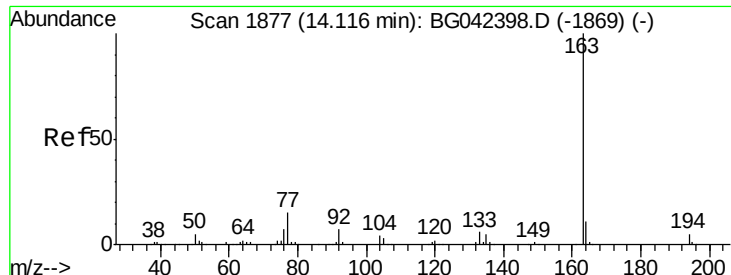
171 36.4 30.5 45.7

170 22.7 20.2 30.2



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: 14.092 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

Instrument :

BNA_G

ClientSampleId :

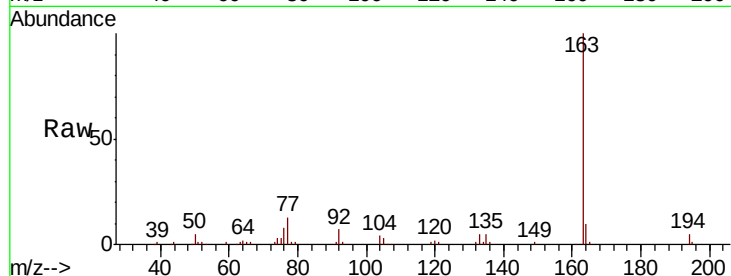
Tot Ion:163 Resp: 98788

Ion Ratio Lower Upper

163 100

194 4.7 4.2 6.2

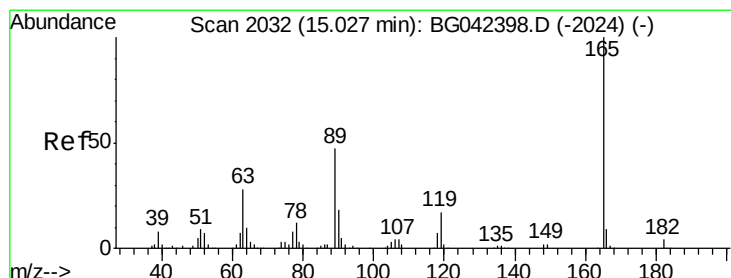
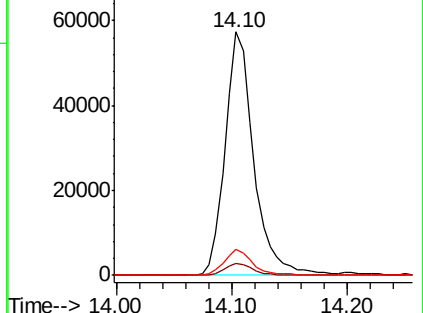
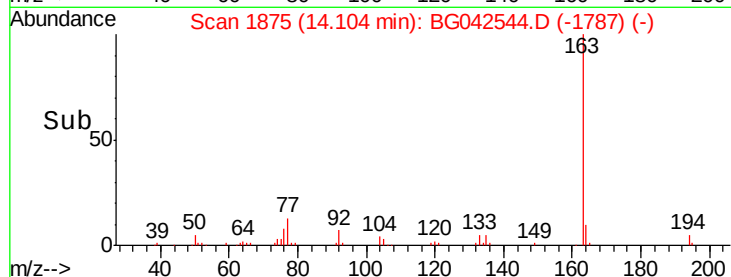
164 10.5 8.8 13.2



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: 5.499 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042544.D

Acq: 28 Aug 2019 22:32

Tgt Ion:165 Resp: 12796

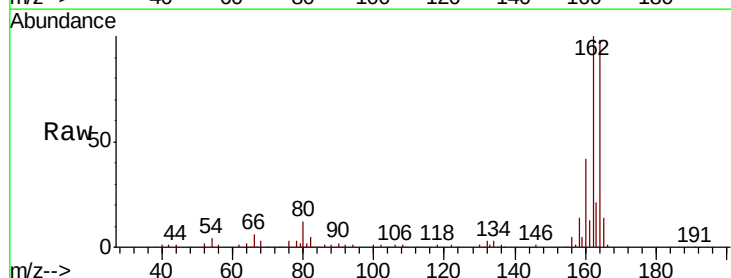
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

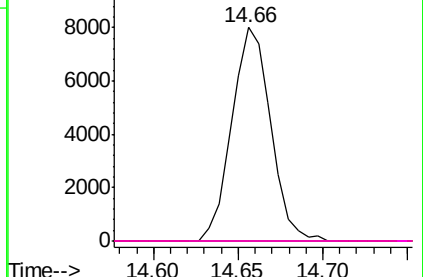
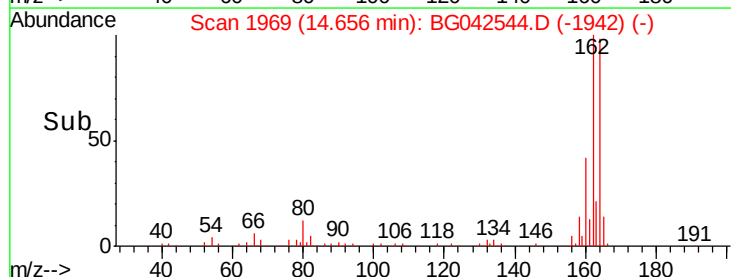


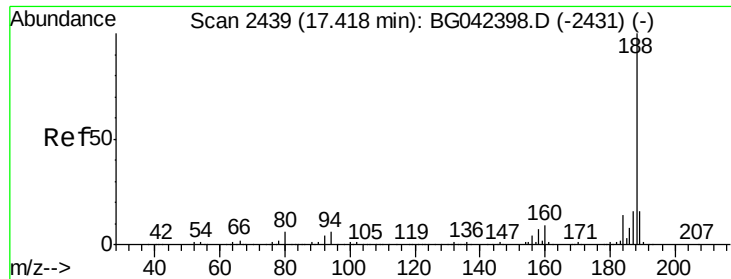
Abundance Ion 165.00 (164.70 to 165.70): E

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

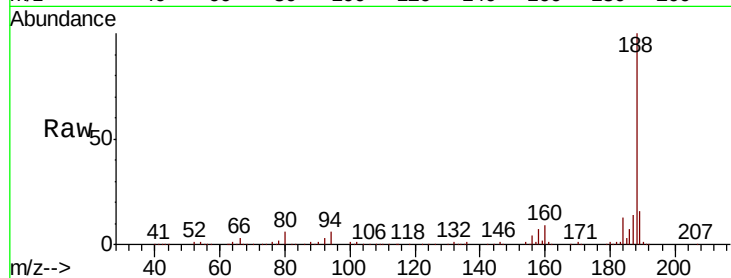




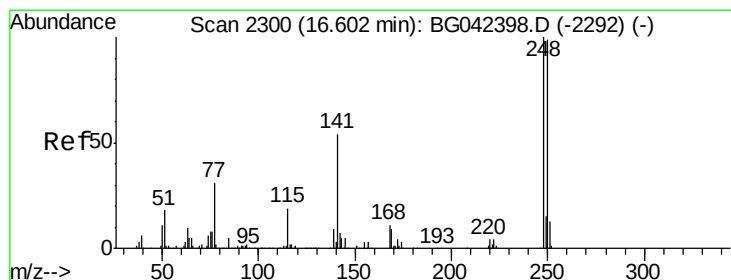
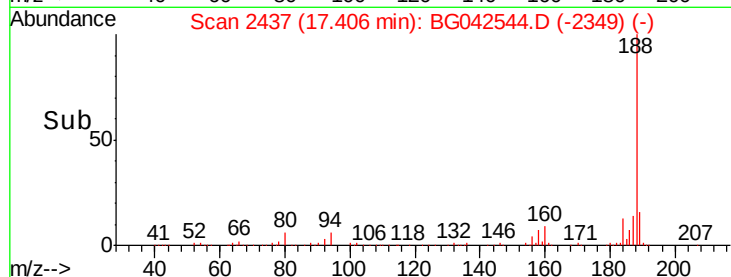
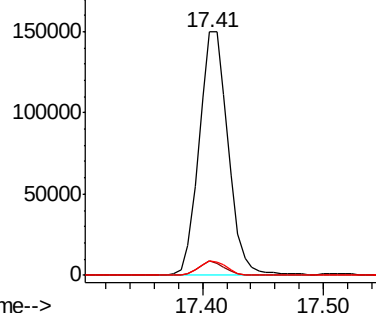
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042544.D
 Acq: 28 Aug 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 250435
 Ion Ratio Lower Upper
 188 100
 94 5.8 4.5 6.7
 80 5.9 4.9 7.3

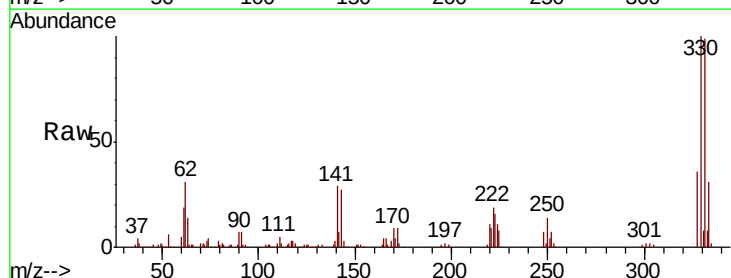


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

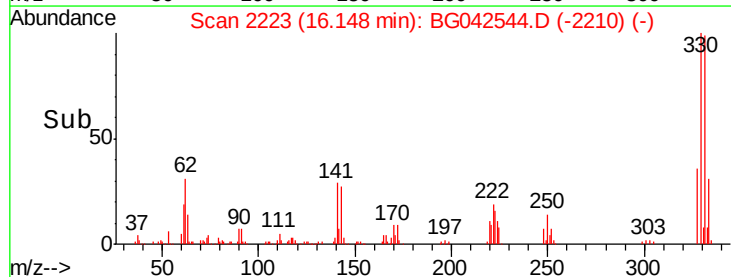
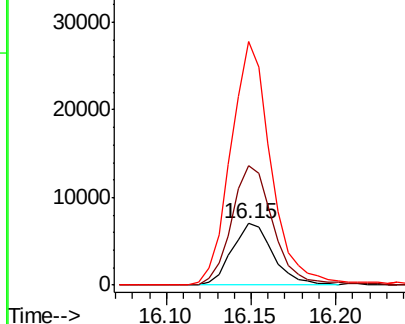


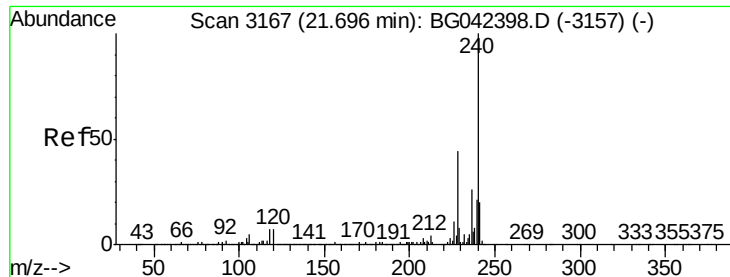
#67
 4-Bromophenyl-phenylether
 Concen: 3.761 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042544.D
 Acq: 28 Aug 2019 22:32

Tgt Ion:248 Resp: 11946
 Ion Ratio Lower Upper
 248 100
 250 194.2 78.9 118.3#
 141 394.0 43.3 64.9#



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

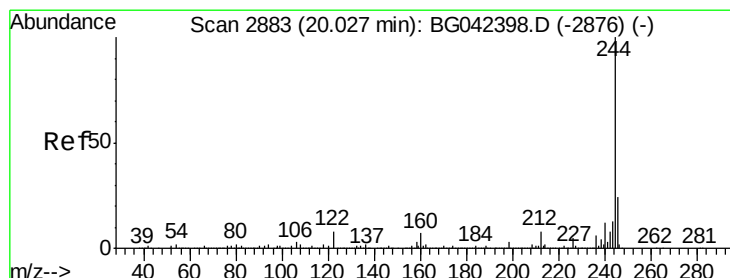
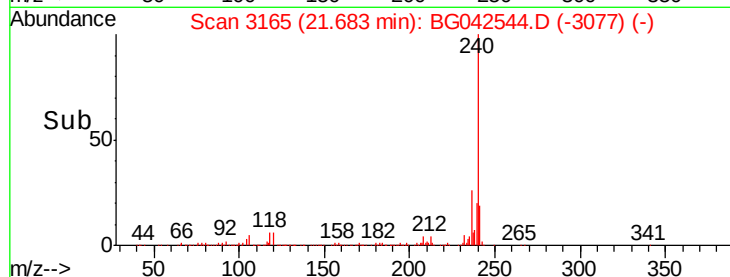
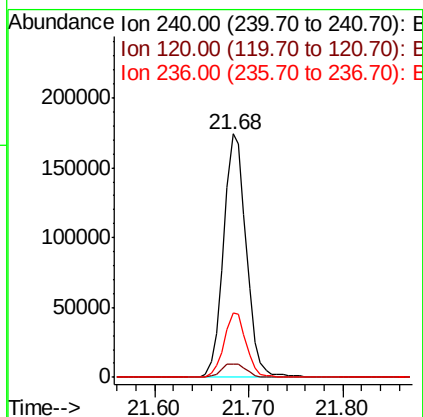
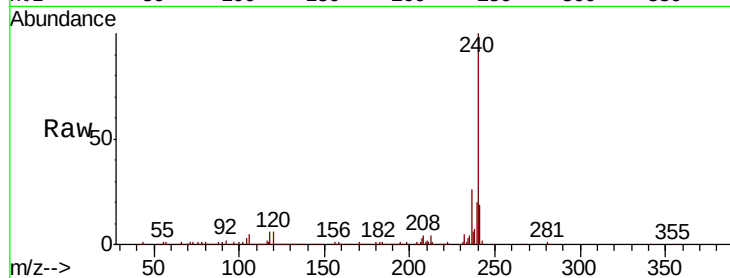




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042544.D
 Acq: 28 Aug 2019 22:32

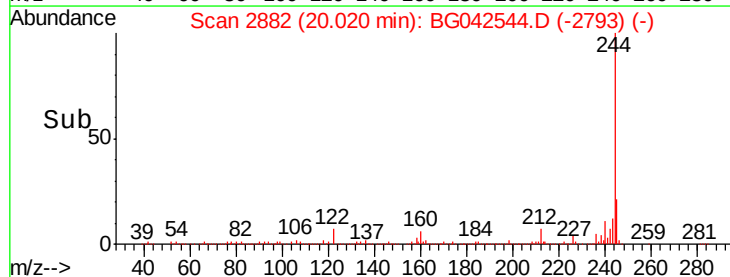
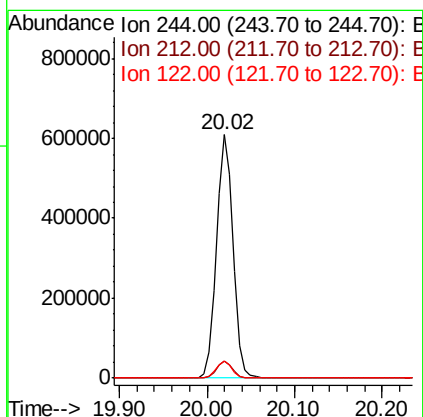
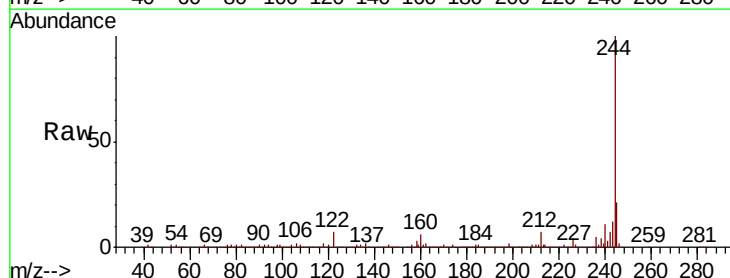
Instrument :
 BNA_G
 ClientSampleId :

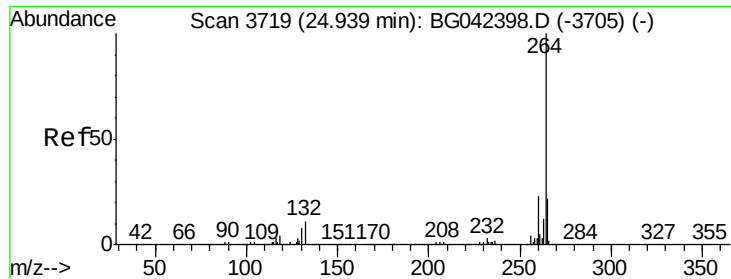
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	26.4	21.0	31.4



#79
 Terphenyl-d14
 Concen: 59.026 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042544.D
 Acq: 28 Aug 2019 22:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	7.0	6.7	10.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042544.D
 Acq: 28 Aug 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.4	17.6	26.4

