

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042454.D
 Acq On : 24 Aug 2019 6:24
 Operator : HP/JU
 Sample : K4477-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 04:57:47 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

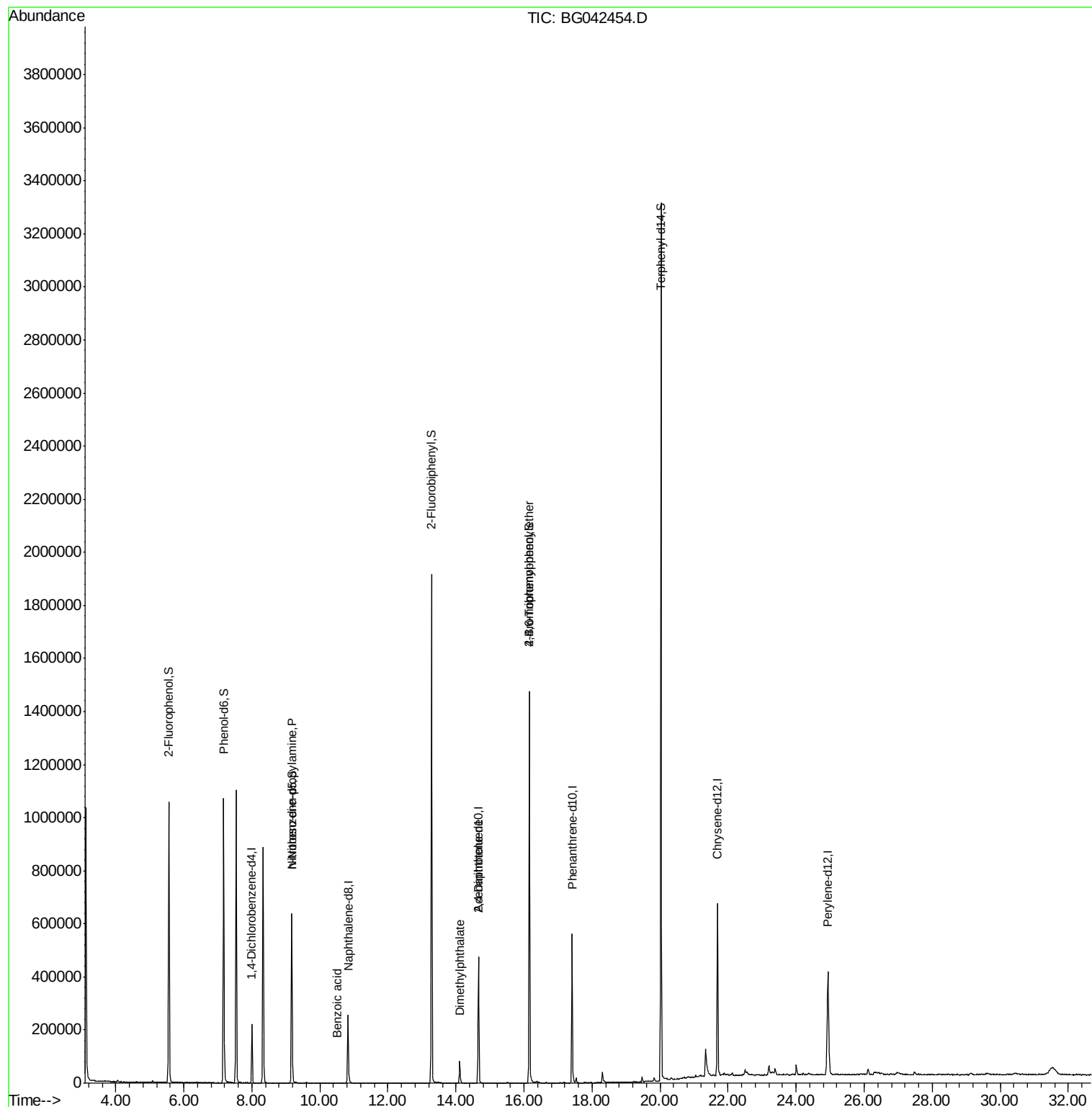
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	72144	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	282667	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	190571	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	396838	20.00	ng	0.00
76) Chrysene-d12	21.69	240	399472	20.00	ng	0.00
87) Perylene-d12	24.94	264	461761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	529731	148.71	ng	0.00
7) Phenol-d6	7.17	99	724558	150.58	ng	0.00
23) Nitrobenzene-d5	9.17	82	426499	104.27	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	334123	123.35	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1103673	97.95	ng	0.00
79) Terphenyl-d14	20.02	244	1609368	87.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	54902	17.612	ng	# 73
32) Benzoic acid	10.51	122	75	8.193	ng	# 1
50) Dimethylphthalate	14.11	163	82084	5.970	ng	99
57) 2,4-Dinitrotoluene	14.66	165	24769	5.427	ng	# 41
67) 4-Bromophenyl-phenylether	16.16	248	24360	4.839	ng	# 1

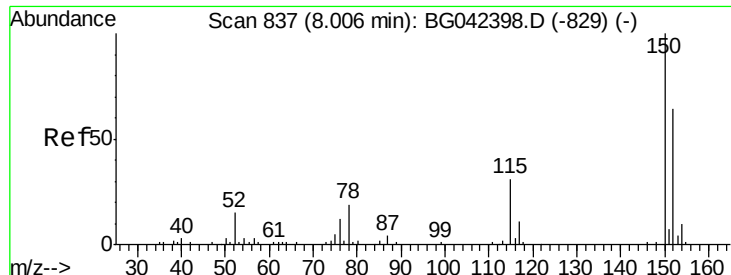
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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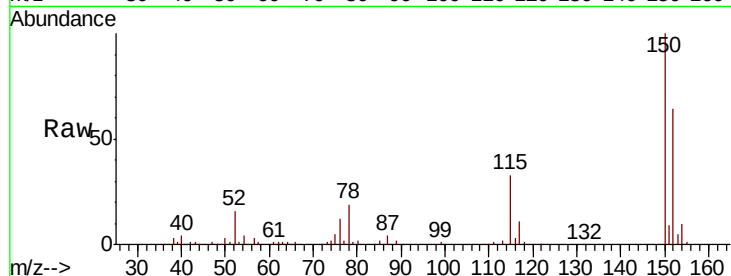


#1

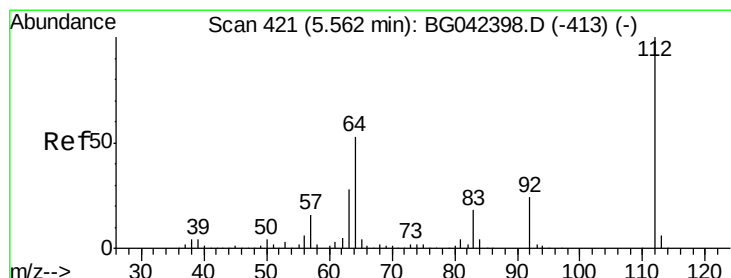
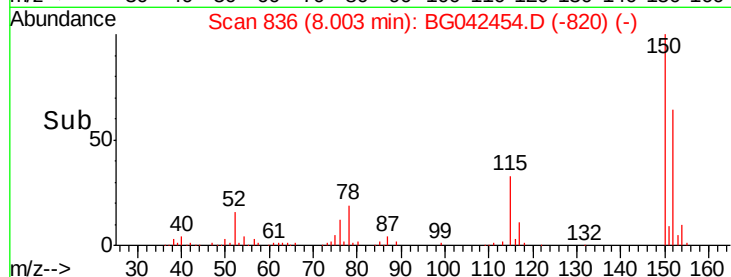
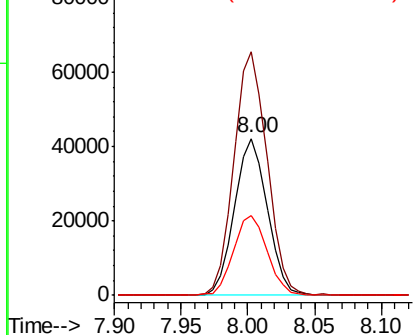
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 72144
Ion Ratio Lower Upper
152 100
150 155.5 125.4 188.0
115 50.7 38.5 57.7



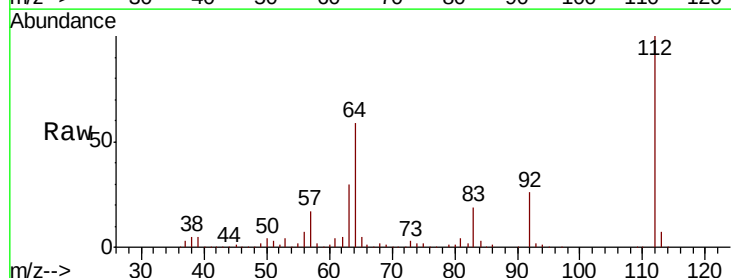
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



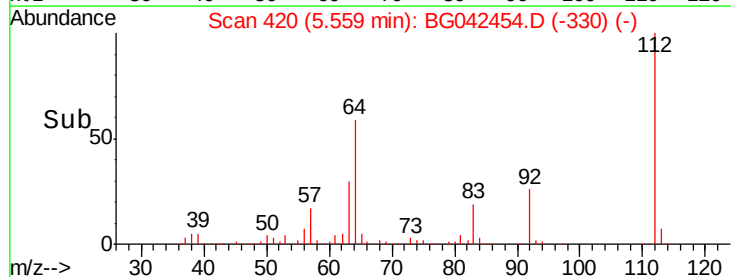
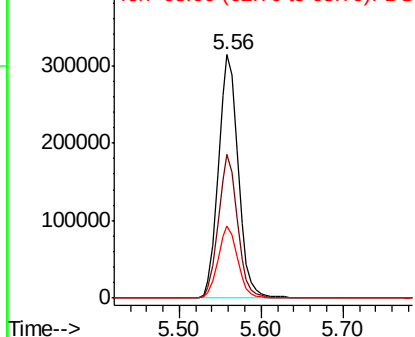
#5

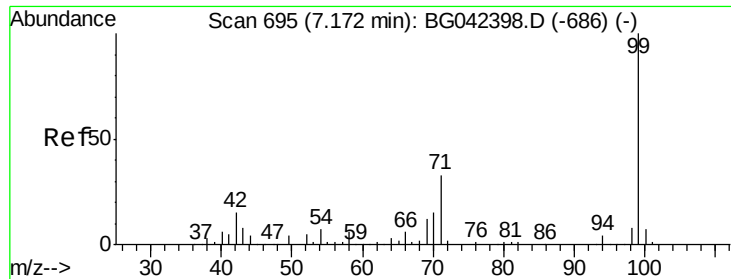
2-Fluorophenol
Concen: 148.711 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Tgt Ion:112 Resp: 529731
Ion Ratio Lower Upper
112 100
64 59.0 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 150.584 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042454.D

Acq: 24 Aug 2019 6:24

Instrument :

BNA_G

ClientSampleId :

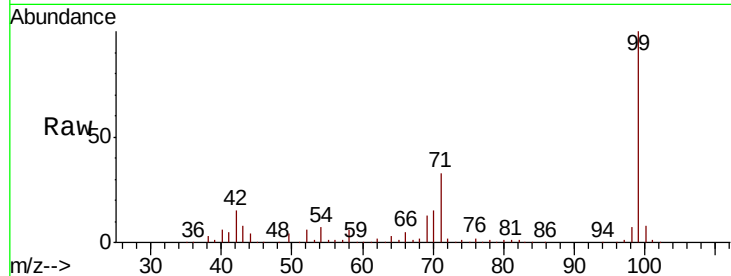
Tot Ion: 99 Resp: 724558

Ion Ratio Lower Upper

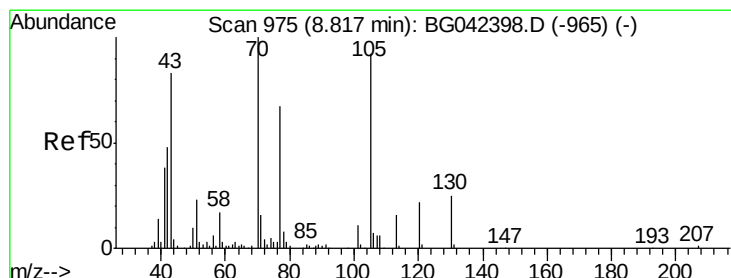
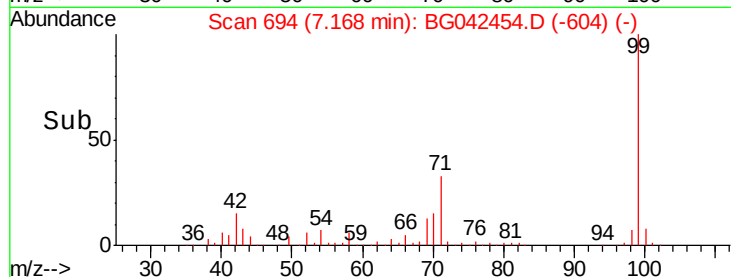
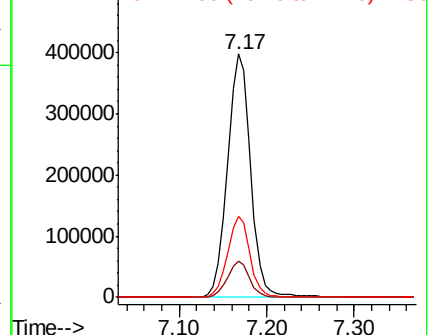
99 100

42 14.8 12.0 18.0

71 33.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 17.612 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG042454.D

Acq: 24 Aug 2019 6:24

Tgt Ion: 70 Resp: 54902

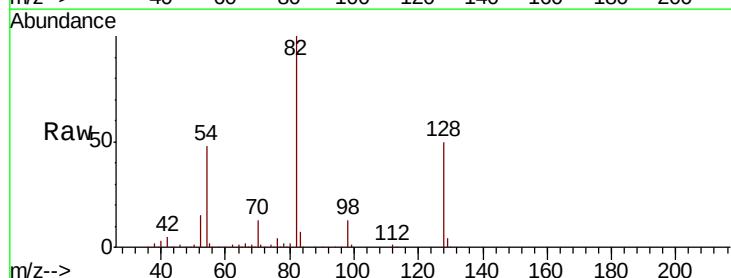
Ion Ratio Lower Upper

70 100

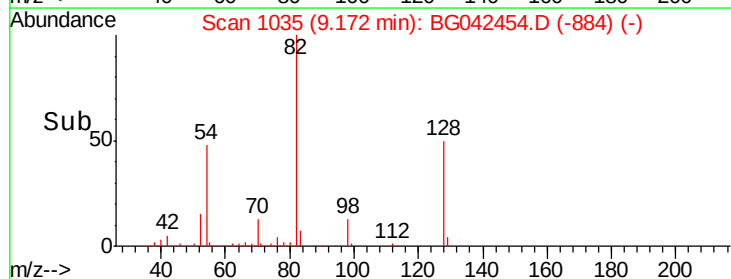
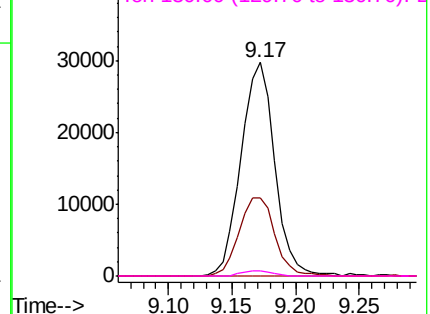
42 36.6 38.8 58.2#

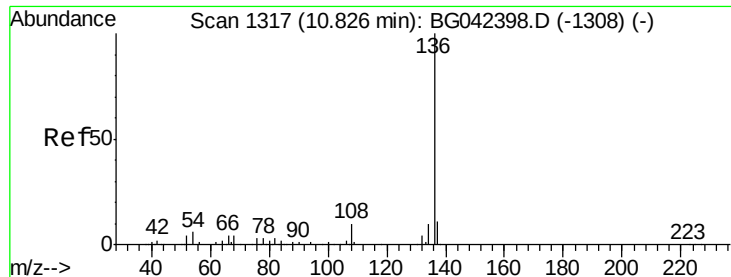
101 0.0 9.0 13.6#

130 2.3 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

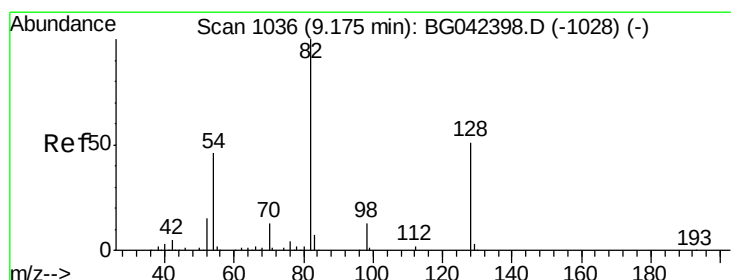
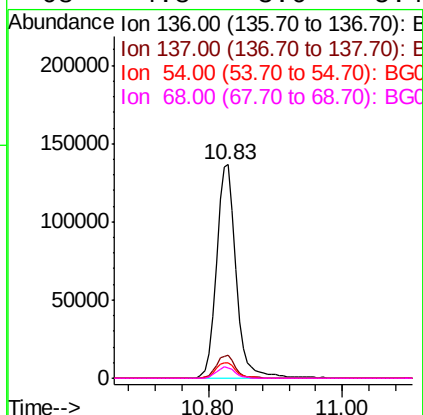
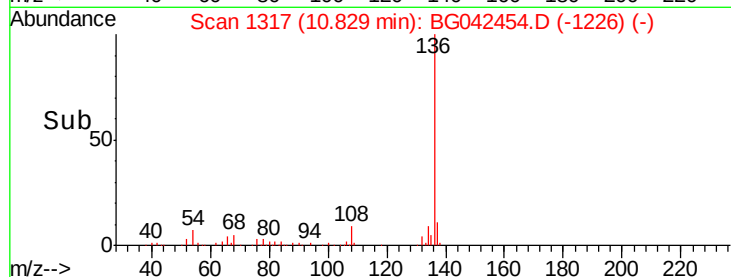
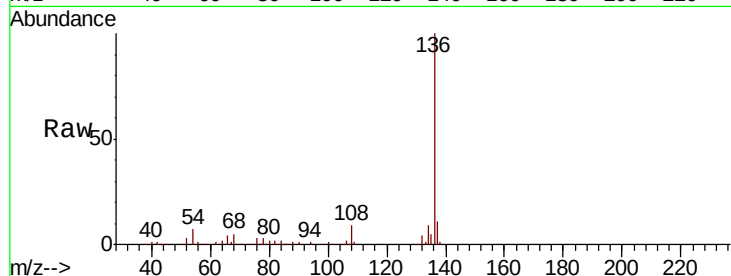




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

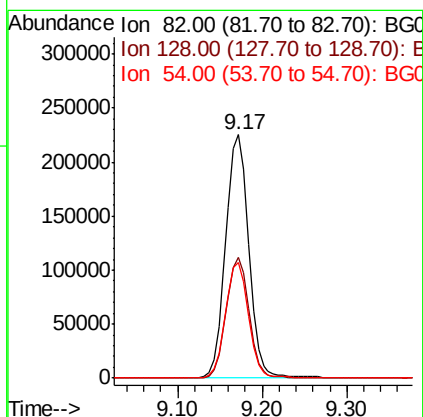
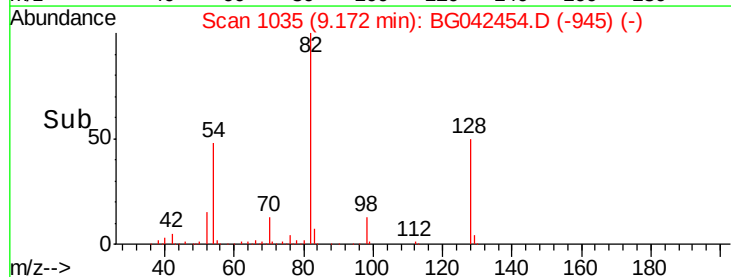
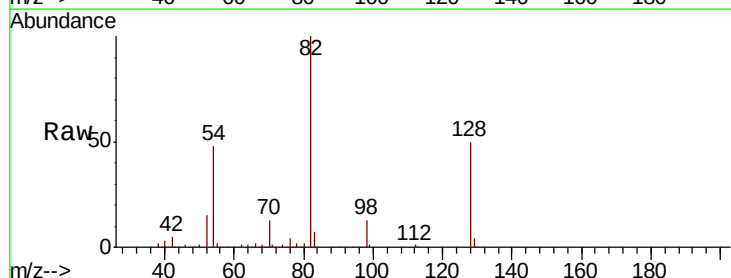
Instrument :
BNA_G
ClientSampleId :

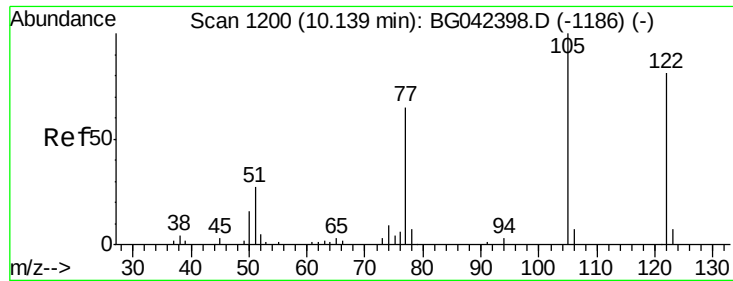
Tot Ion:136	Resp:	282667
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	7.4	4.9 7.3#
68	4.8	3.6 5.4



#23
Nitrobenzene-d5
Concen: 104.267 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Tgt Ion: 82	Resp:	426499
Ion Ratio	Lower	Upper
82	100	
128	49.6	40.7 61.1
54	47.6	36.3 54.5





#32

Benzoic acid

Concen: 8.193 ng

RT: 10.51 min Scan# 1262

Delta R.T. 0.37 min

Lab File: BG042454.D

Acq: 24 Aug 2019 6:24

Instrument :

BNA_G

ClientSampled :

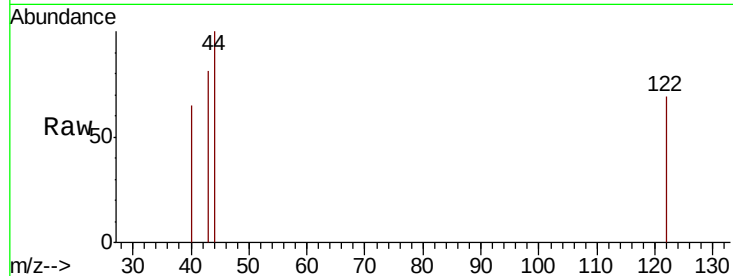
Tot Ion:122 Resp: 75

Ion Ratio Lower Upper

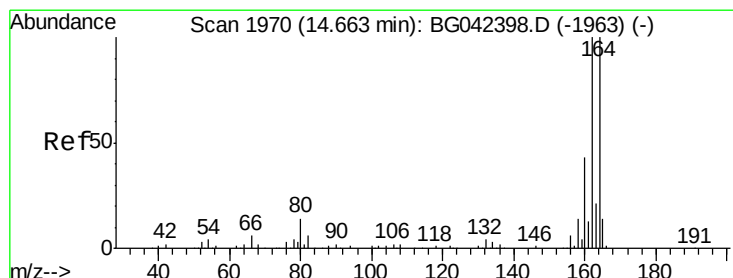
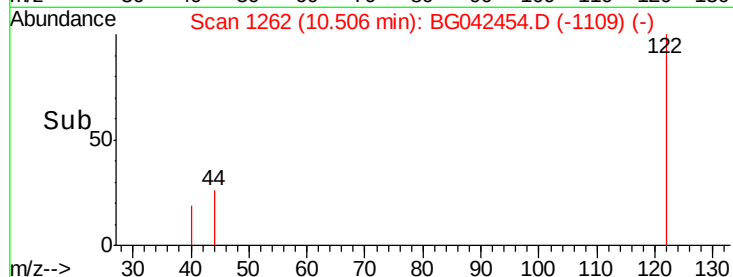
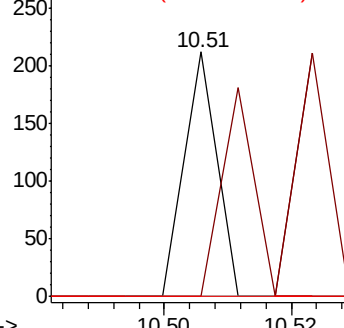
122 100

105 0.0 99.6 139.6#

77 0.0 59.5 99.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042454.D

Acq: 24 Aug 2019 6:24

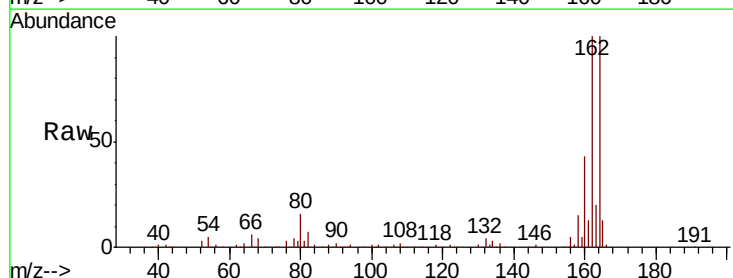
Tgt Ion:164 Resp: 190571

Ion Ratio Lower Upper

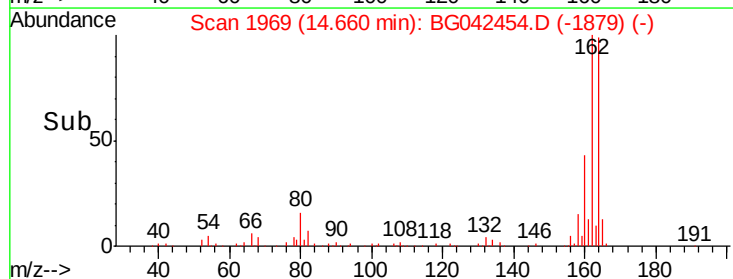
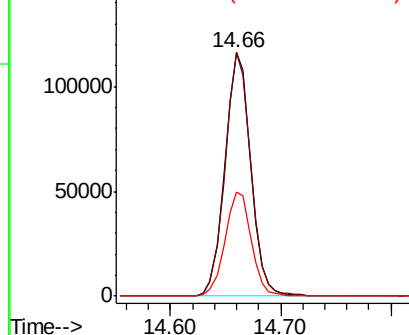
164 100

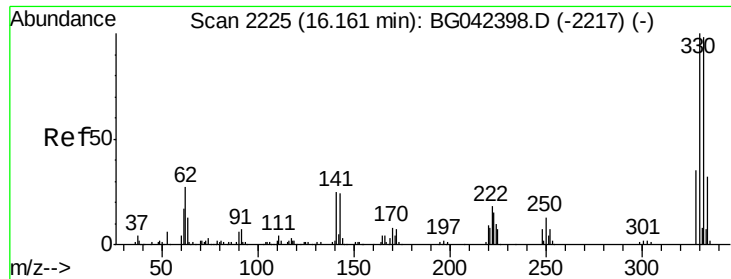
162 99.9 79.9 119.9

160 42.9 34.3 51.5



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

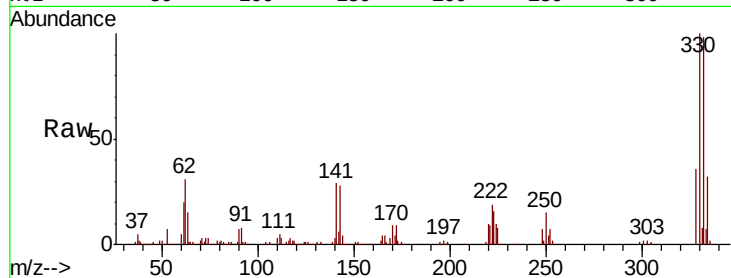




#42
 2,4,6-Tribromophenol
 Concen: 123.354 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	31.3	21.4	32.0

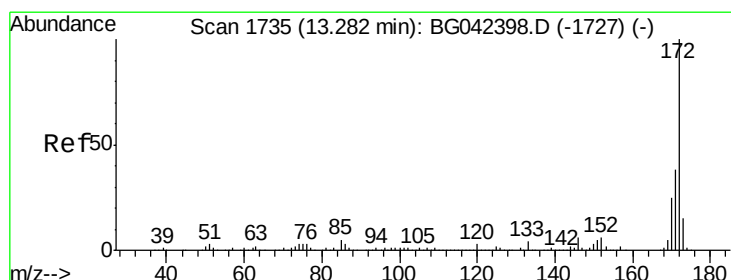
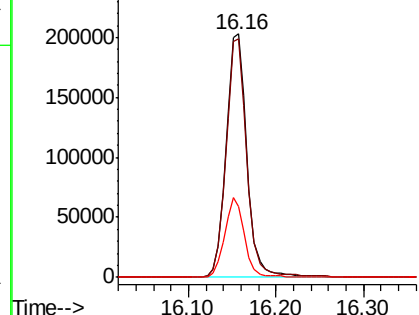
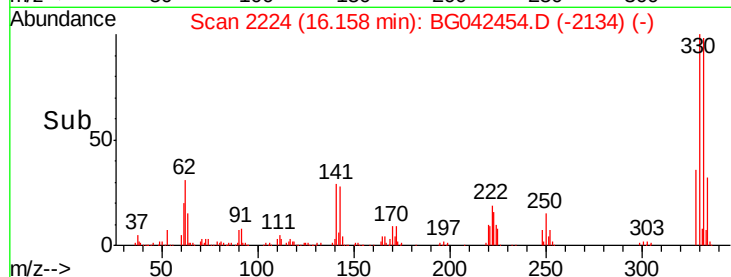


Abundance

Ion 329.80 (329.50 to 330.50): E

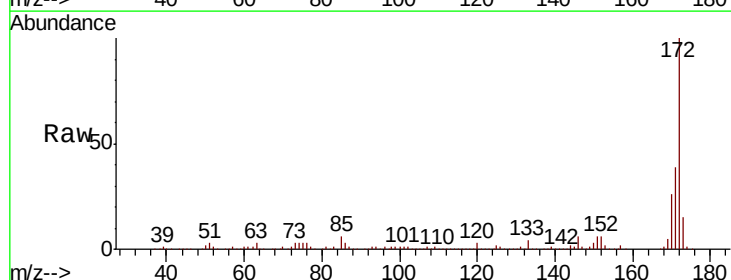
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.949 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042454.D
 Acq: 24 Aug 2019 6:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.6	20.2	30.2

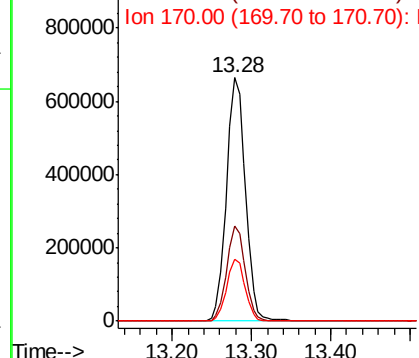
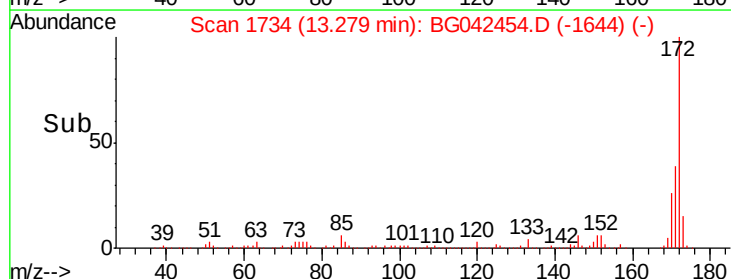


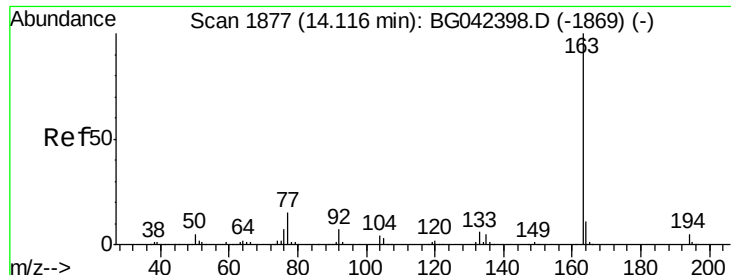
Abundance

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

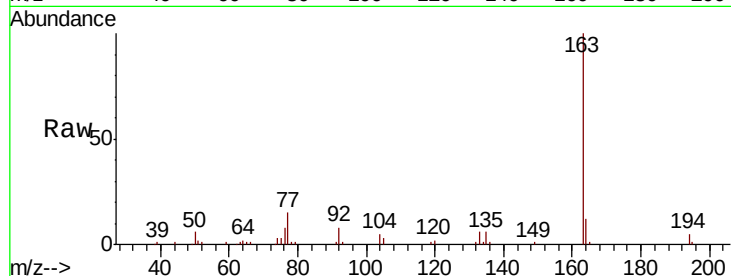




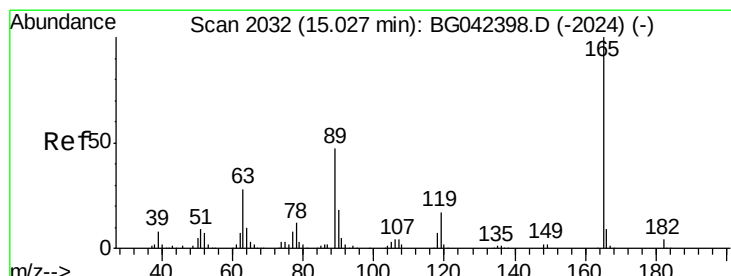
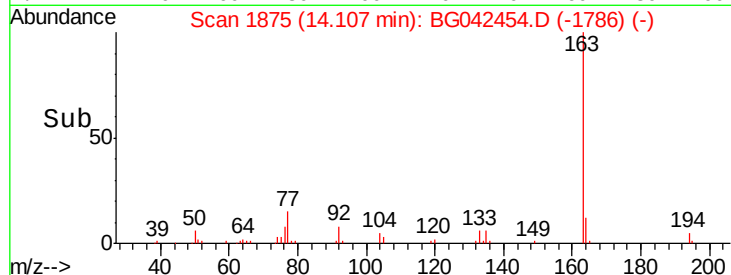
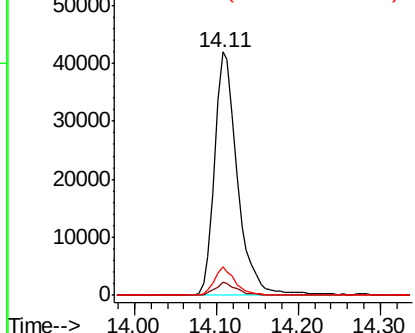
#50
Dimethylphthalate
Concen: 5.970 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 82084
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 11.6 8.8 13.2

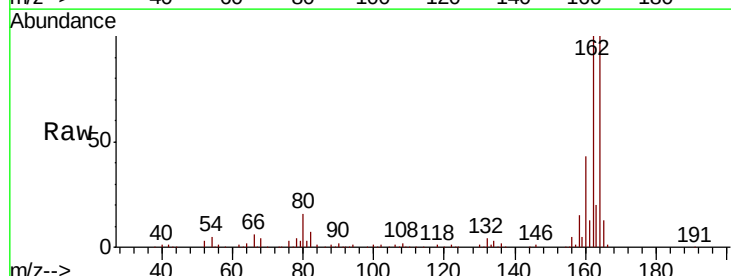


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

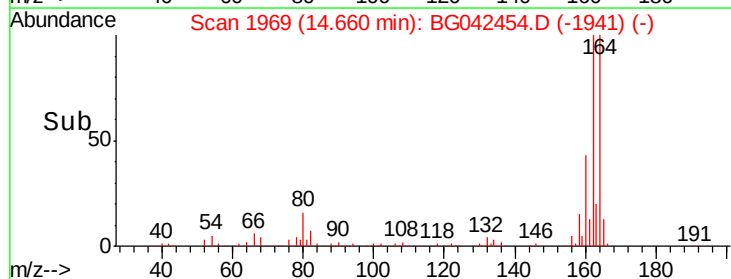
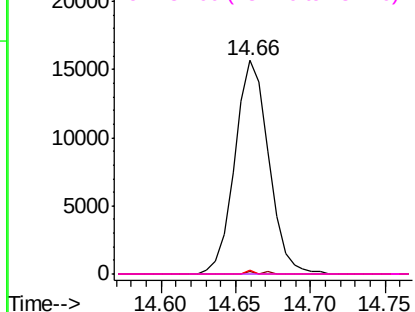


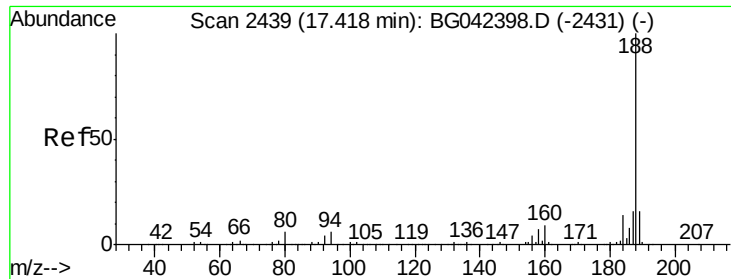
#57
2,4-Dinitrotoluene
Concen: 5.427 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Tgt Ion:165 Resp: 24769
Ion Ratio Lower Upper
165 100
63 1.3 22.5 33.7#
89 2.0 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: BG042454.D

Acq: 24 Aug 2019 6:24

Instrument :

BNA_G

ClientSampleId :

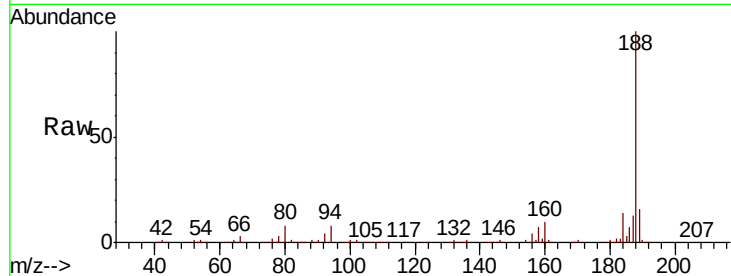
Tot Ion:188 Resp: 396838

Ion Ratio Lower Upper

188 100

94 7.7 4.5 6.7#

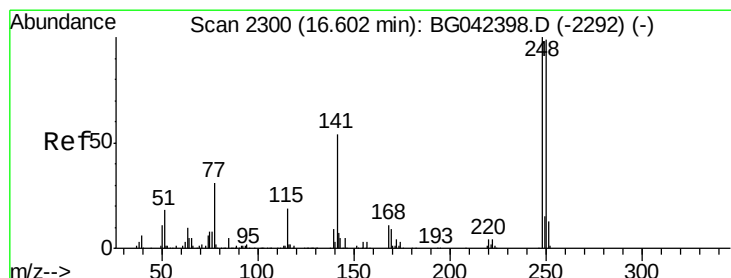
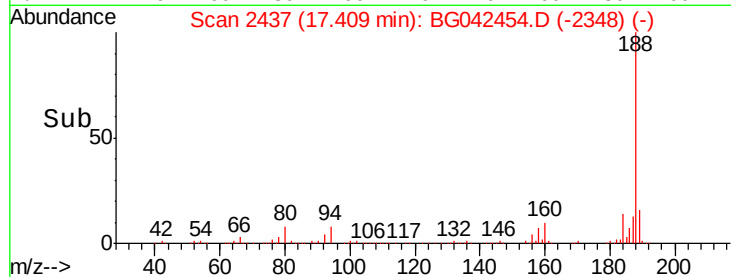
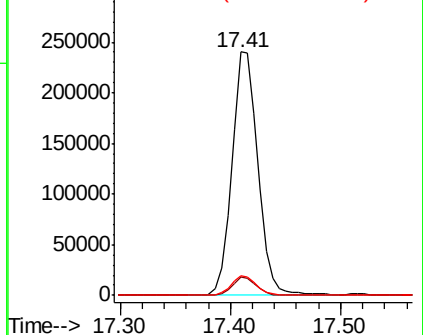
80 8.3 4.9 7.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 4.839 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.44 min

Lab File: BG042454.D

Acq: 24 Aug 2019 6:24

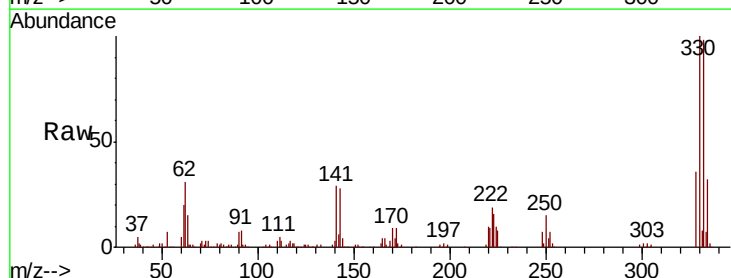
Tgt Ion:248 Resp: 24360

Ion Ratio Lower Upper

248 100

250 198.9 78.9 118.3#

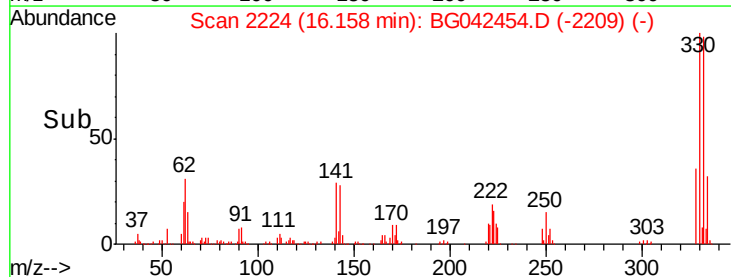
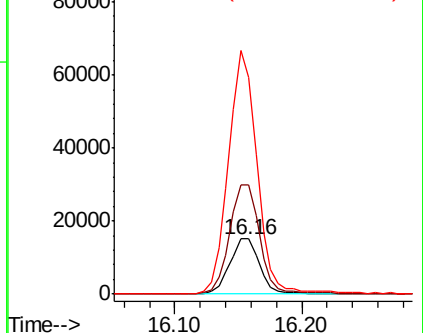
141 394.3 43.3 64.9#

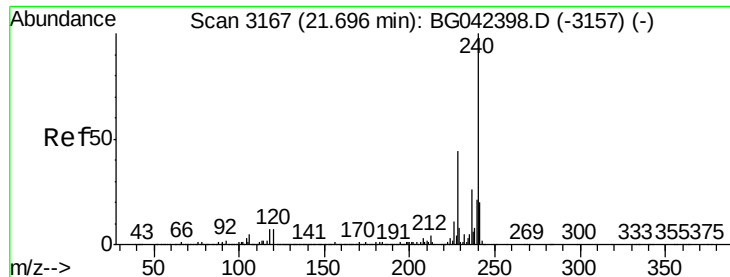


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

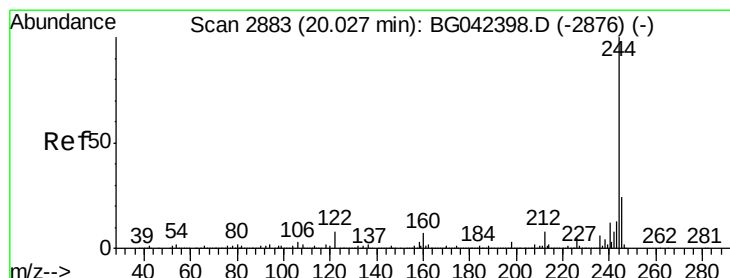
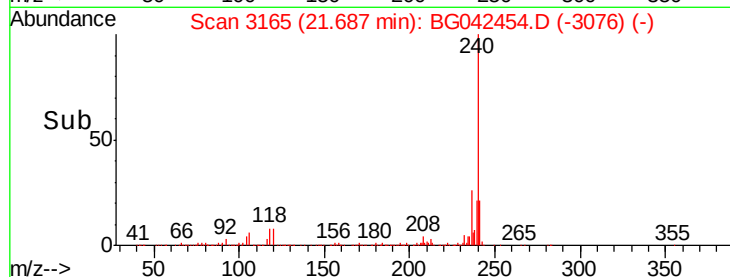
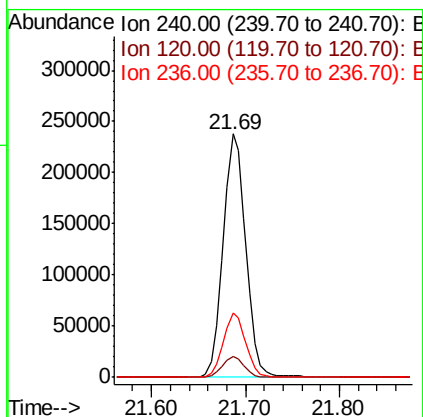
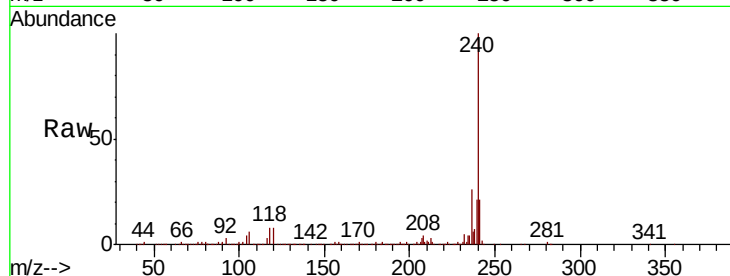




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

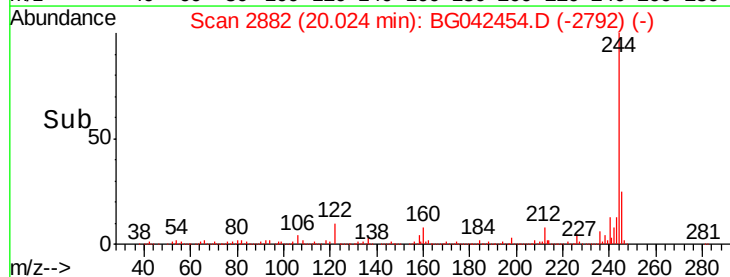
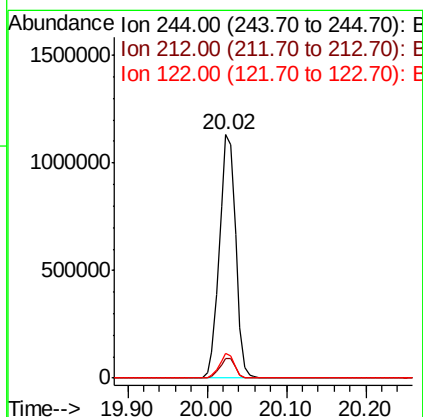
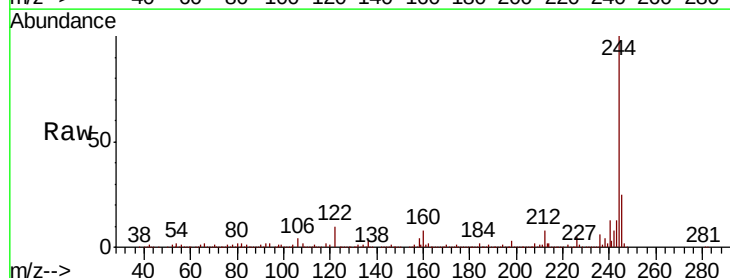
Instrument :
BNA_G
ClientSampleId :

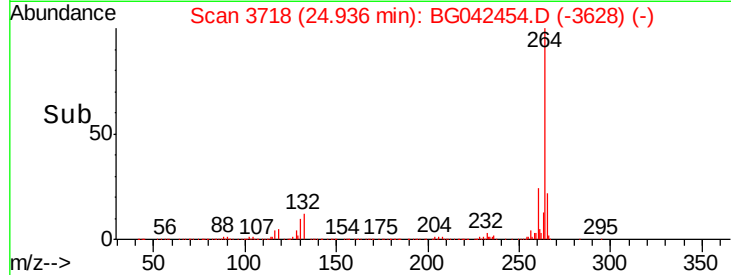
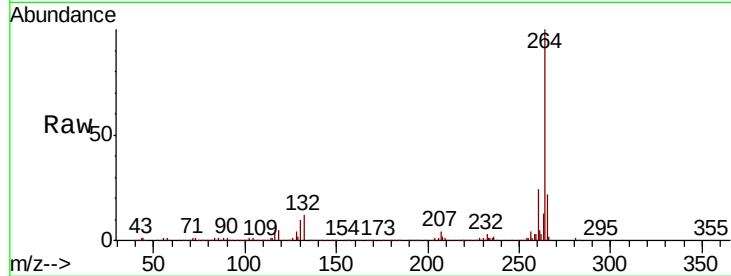
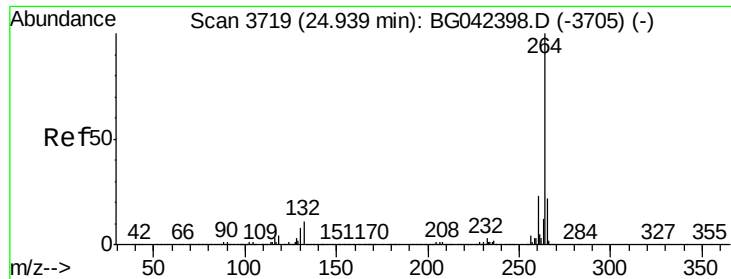
Tot Ion:240 Resp: 399472
Ion Ratio Lower Upper
240 100
120 8.3 5.7 8.5
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 87.098 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Tgt Ion:244 Resp: 1609368
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 10.4 6.7 10.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG042454.D
Acq: 24 Aug 2019 6:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	461761
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.9	17.6	26.4

