

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042546.D
 Acq On : 28 Aug 2019 23:49
 Operator : HP/JU
 Sample : K4576-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 06:00:48 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

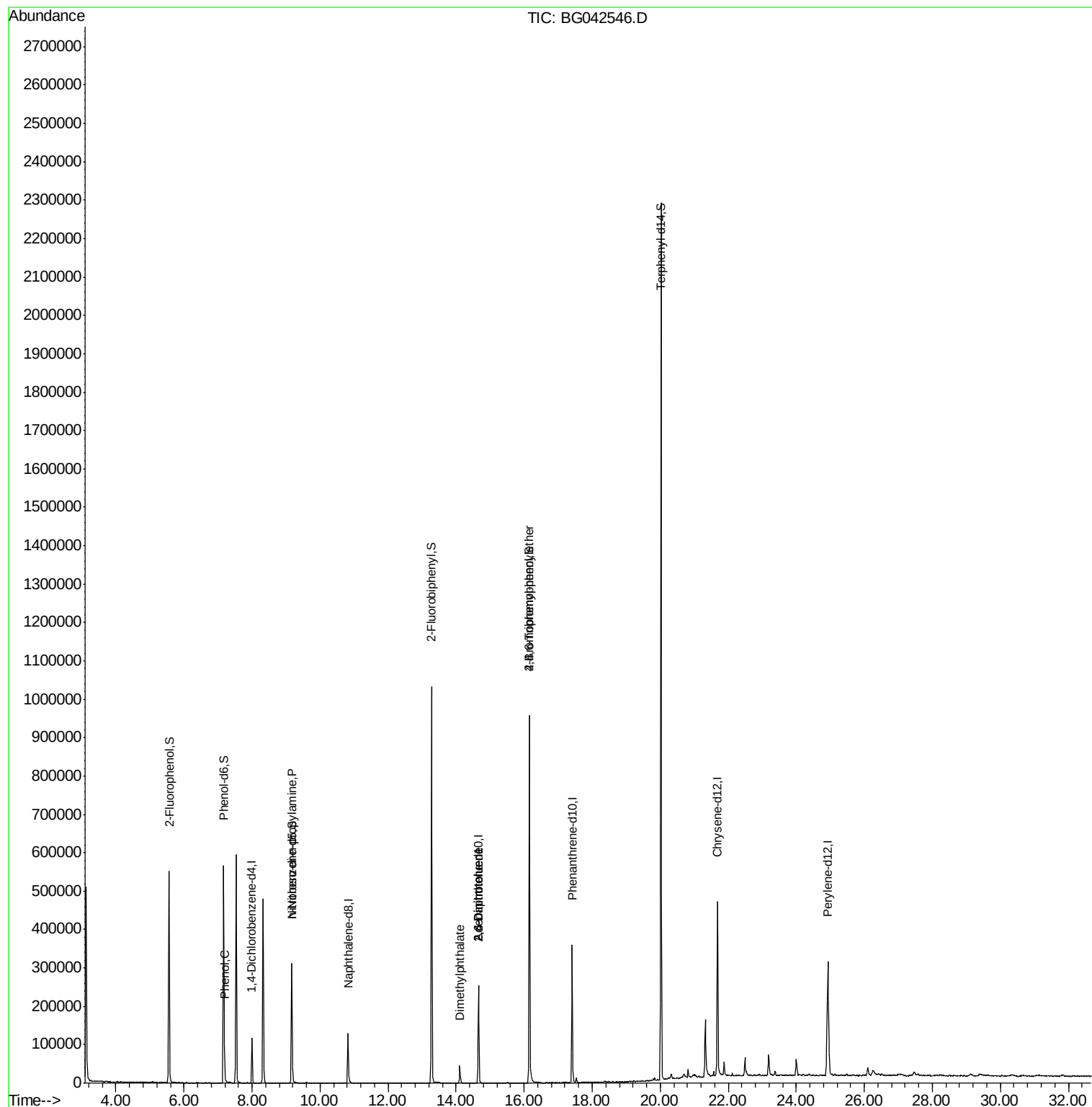
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38599	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	139969	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	106052	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	259759	20.00	ng	0.00
76) Chrysene-d12	21.68	240	303270	20.00	ng	-0.01
87) Perylene-d12	24.92	264	360952	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	286018	150.07	ng	0.00
7) Phenol-d6	7.16	99	373985	145.27	ng	0.00
23) Nitrobenzene-d5	9.17	82	209508	103.44	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	254068	168.55	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	635784	101.39	ng	0.00
79) Terphenyl-d14	20.02	244	1252690	89.30	ng	0.00
Target Compounds						
10) Phenol	7.19	94	19022	7.267	ng	94
19) n-Nitroso-di-n-propylamine	9.16	70	27677	16.595	ng	# 75
50) Dimethylphthalate	14.11	163	48143	6.292	ng	98
51) 2,6-Dinitrotoluene	14.66	165	13690	7.718	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	13690	5.390	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	17513	5.315	ng	# 1

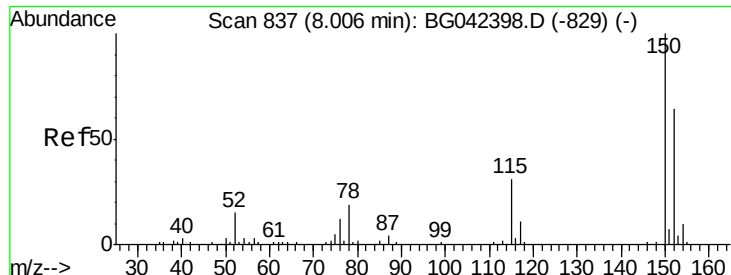
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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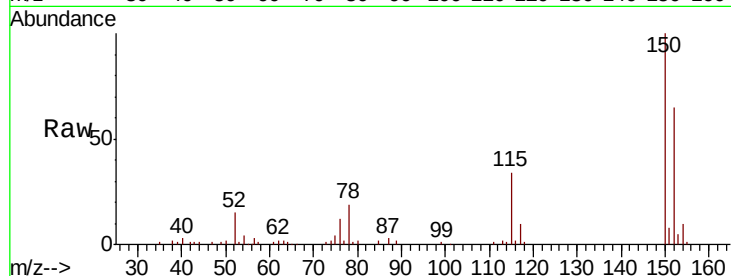


#1

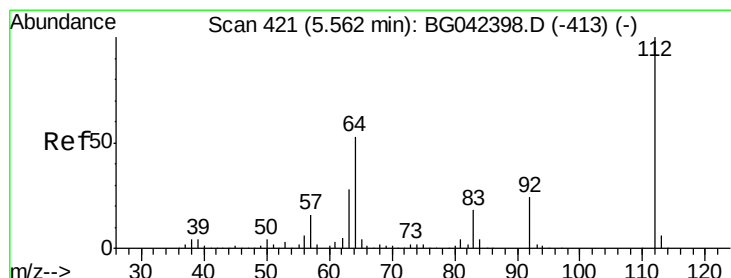
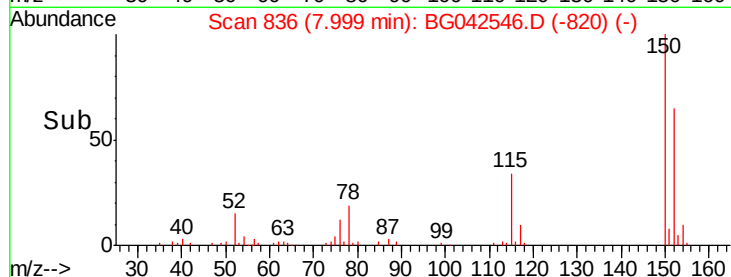
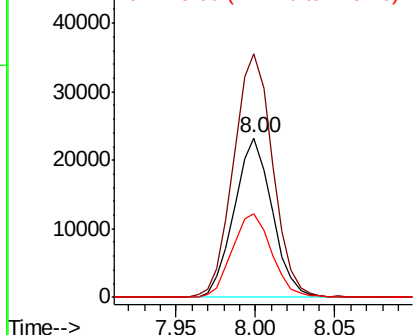
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042546.D
Acq: 28 Aug 2019 23:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	125.4	188.0
115	52.5	38.5	57.7



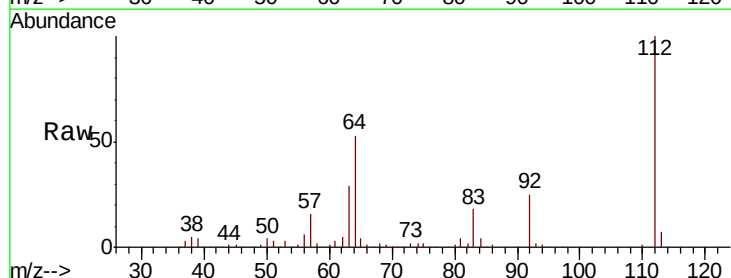
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



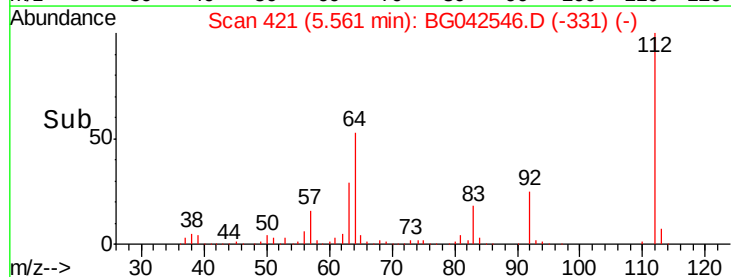
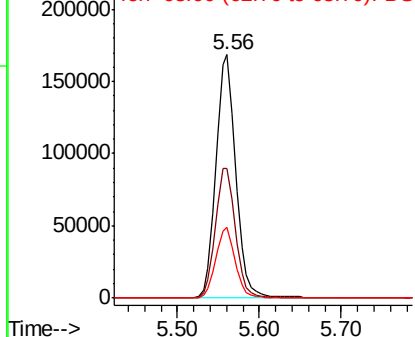
#5

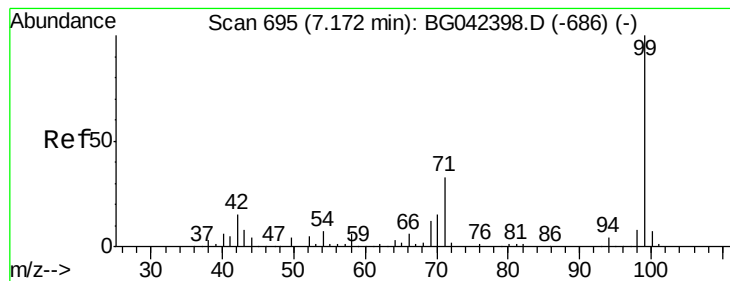
2-Fluorophenol
Concen: 150.074 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042546.D
Acq: 28 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.8	64.2
63	29.3	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: 145.272 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

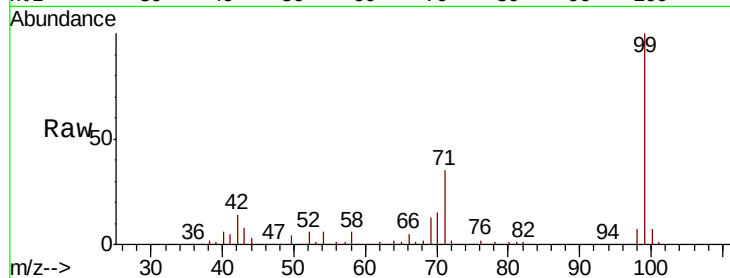
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 373985

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.0	18.0
71	35.0	26.3	39.5

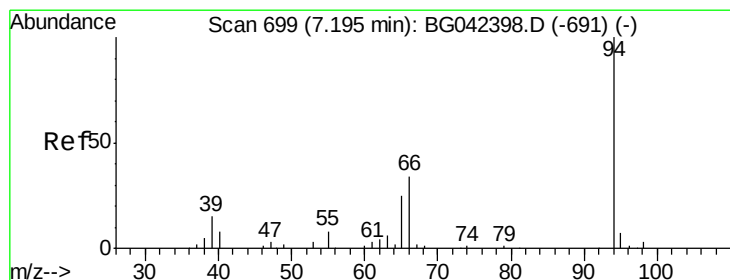
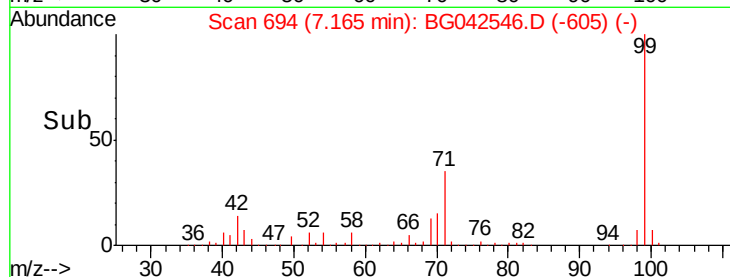
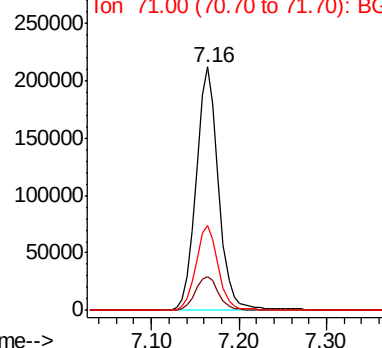


Abundance

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: 7.267 ng

RT: 7.19 min Scan# 699

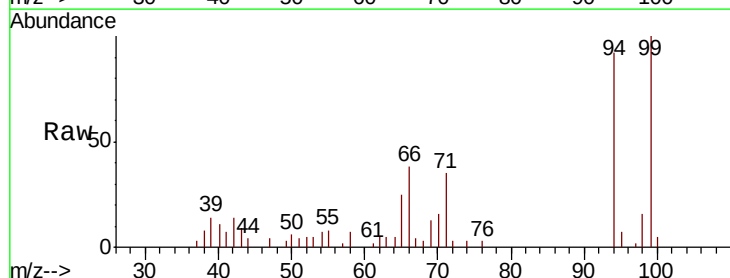
Delta R.T. -0.00 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Tgt Ion: 94 Resp: 19022

Ion	Ratio	Lower	Upper
94	100		
65	27.5	5.6	45.6
66	40.9	16.0	56.0

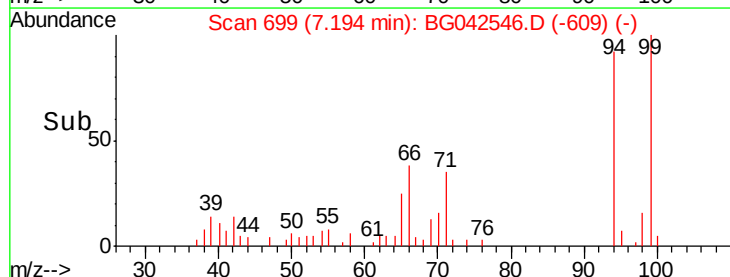
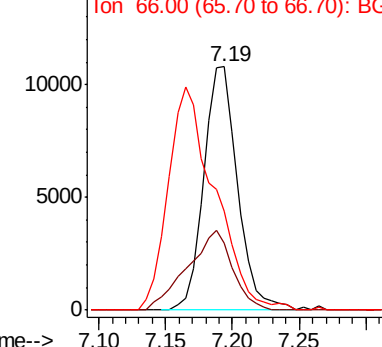


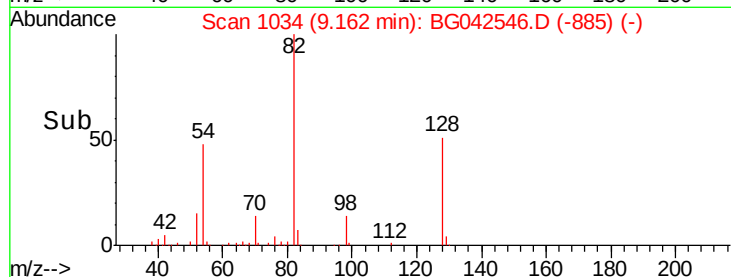
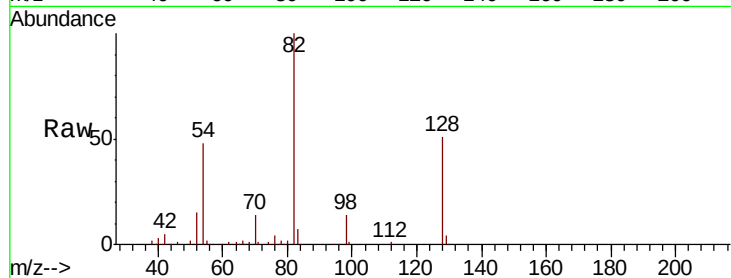
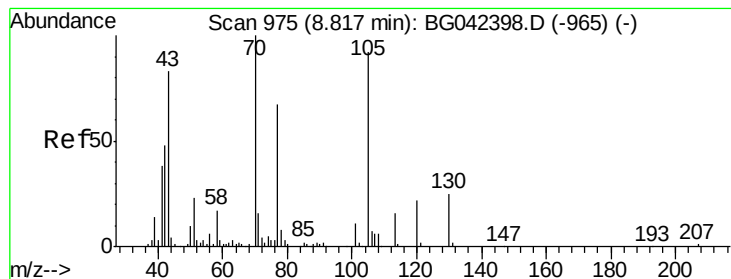
Abundance

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: 16.595 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 27677

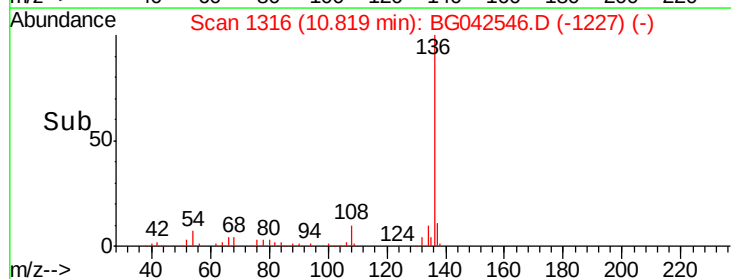
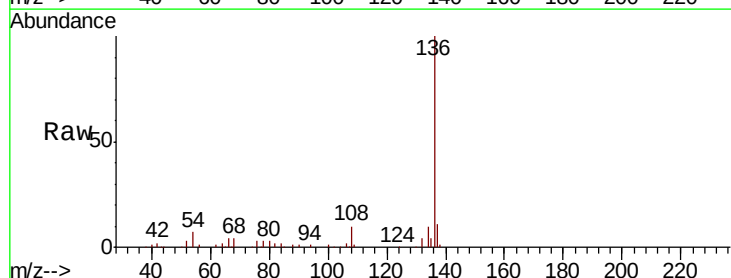
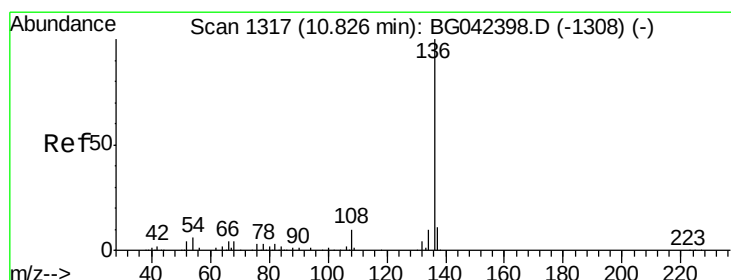
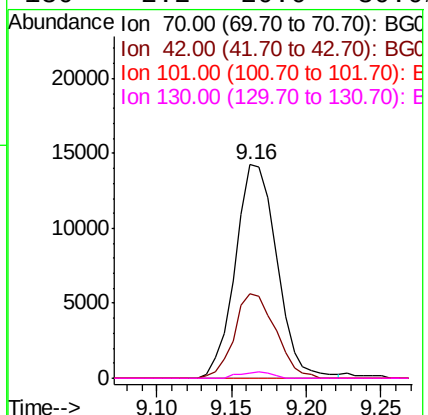
Ion Ratio Lower Upper

70 100

42 39.5 38.8 58.2

101 0.0 9.0 13.6#

130 2.2 20.0 30.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Tgt Ion:136 Resp: 139969

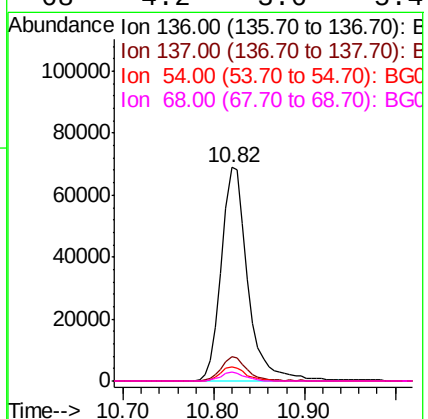
Ion Ratio Lower Upper

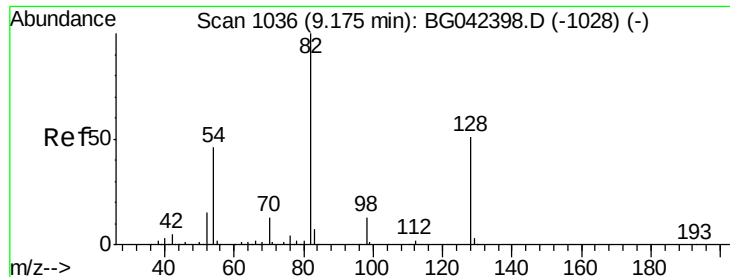
136 100

137 11.4 8.7 13.1

54 6.5 4.9 7.3

68 4.2 3.6 5.4

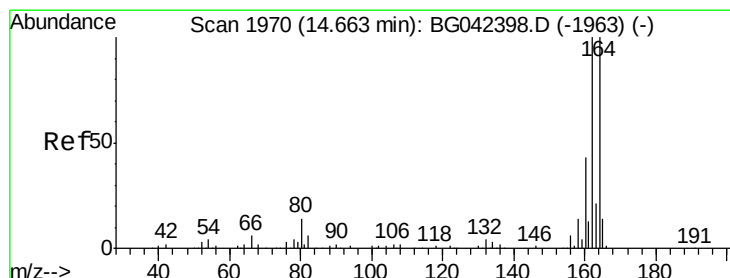
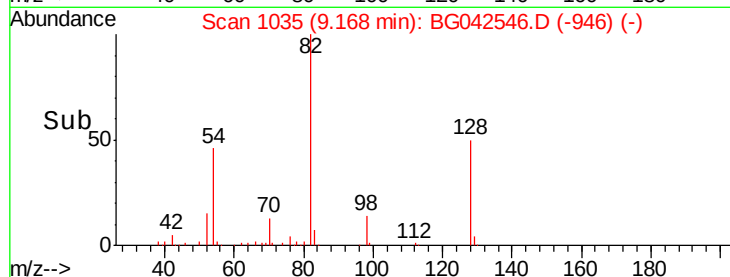
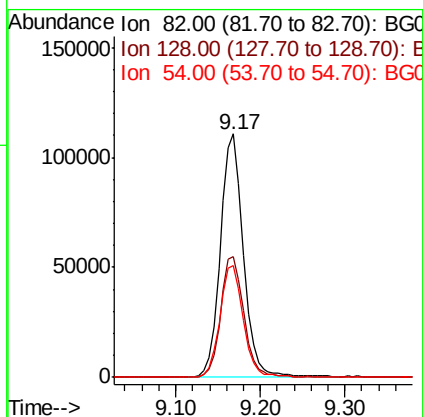
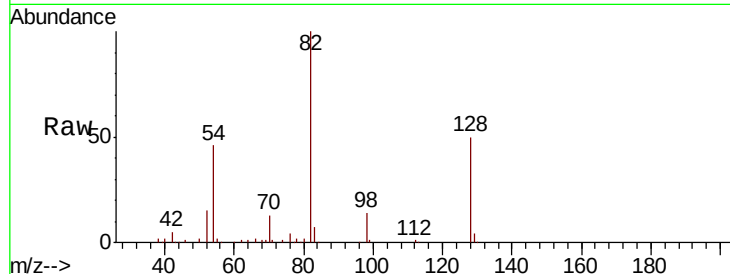




#23
 Nitrobenzene-d5
 Concen: 103.436 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042546.D
 Acq: 28 Aug 2019 23:49

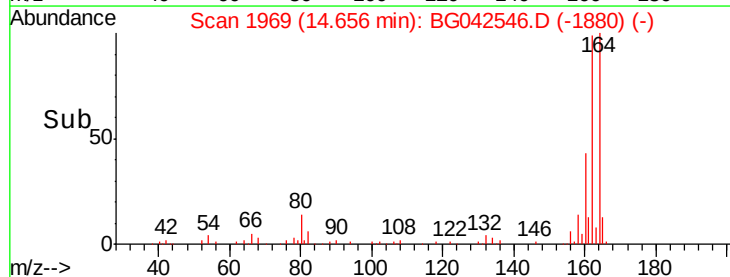
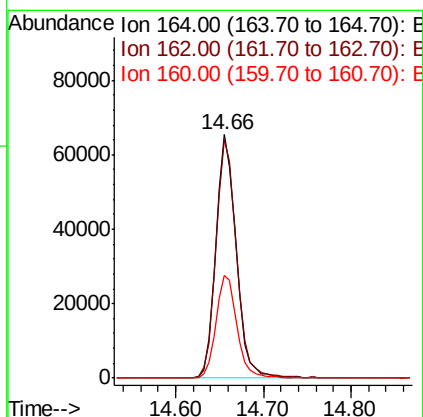
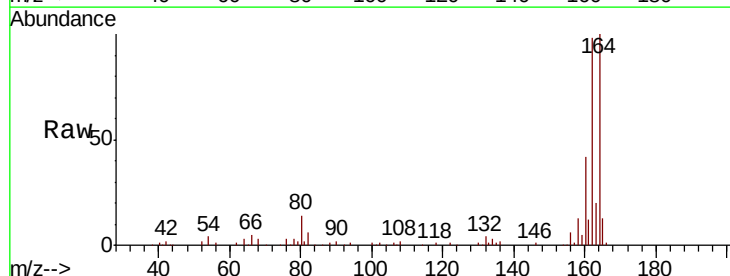
Instrument :
 BNA_G
 ClientSampleId :

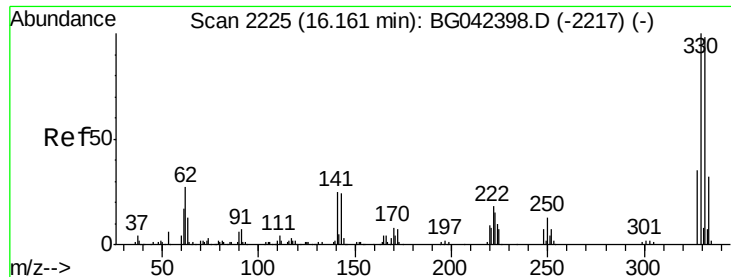
Tot Ion	82	Resp	209508
Ion Ratio	Lower	Upper	
82	100		
128	49.8	40.7	61.1
54	45.8	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042546.D
 Acq: 28 Aug 2019 23:49

Tgt Ion	164	Resp	106052
Ion Ratio	Lower	Upper	
164	100		
162	97.8	79.9	119.9
160	42.4	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 168.552 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Instrument :

BNA_G

ClientSampleId :

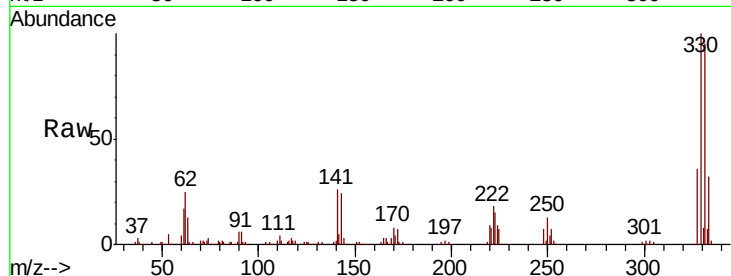
Tot Ion:330 Resp: 254068

Ion Ratio Lower Upper

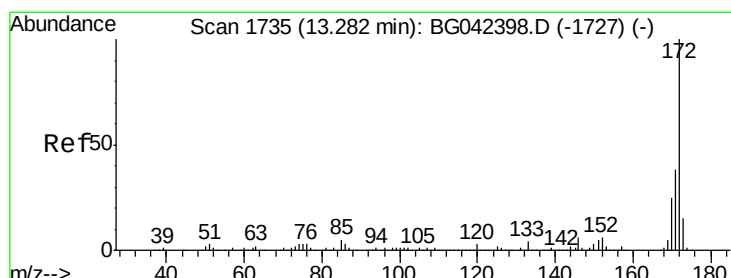
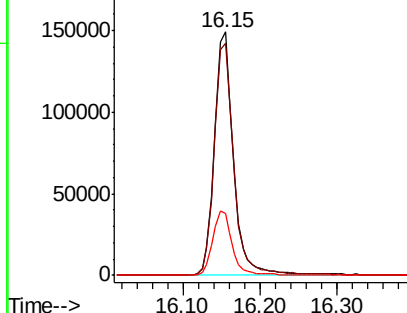
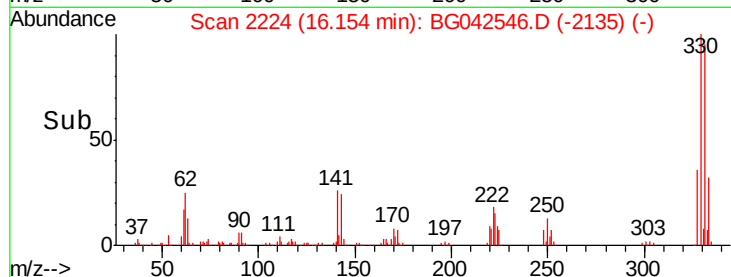
330 100

332 98.0 77.4 116.0

141 27.0 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: 101.393 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

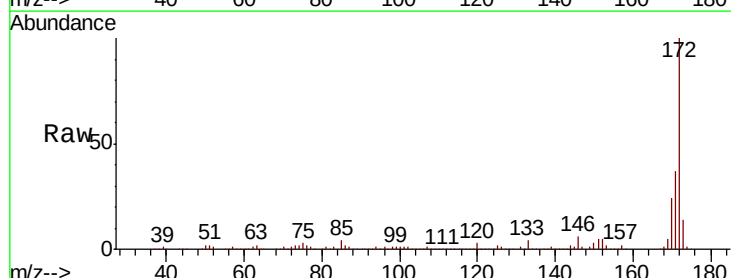
Tgt Ion:172 Resp: 635784

Ion Ratio Lower Upper

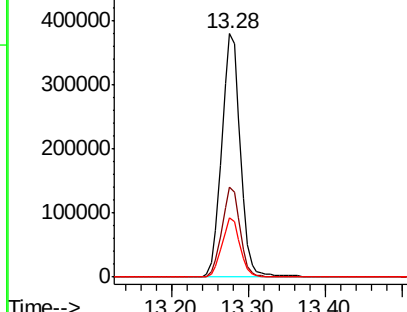
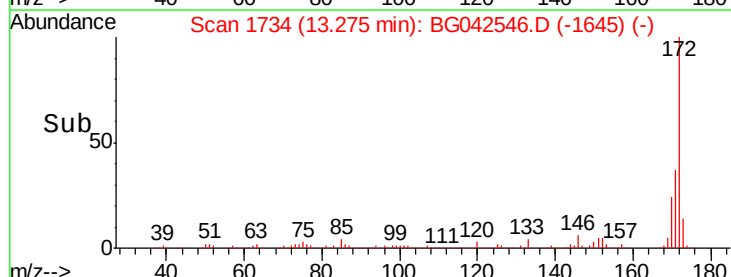
172 100

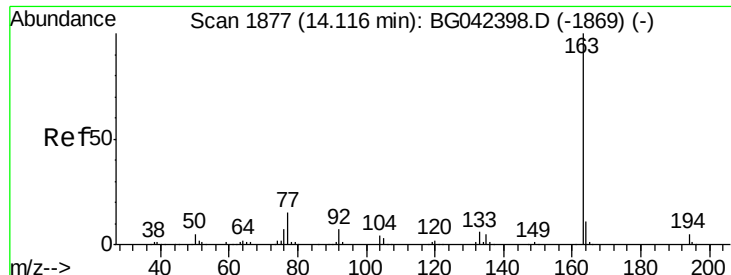
171 37.2 30.5 45.7

170 24.4 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: 6.292 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Instrument :

BNA_G

ClientSampleId :

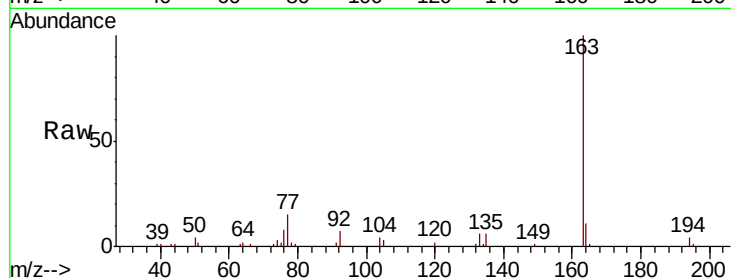
Tot Ion:163 Resp: 48143

Ion Ratio Lower Upper

163 100

194 4.2 4.2 6.2

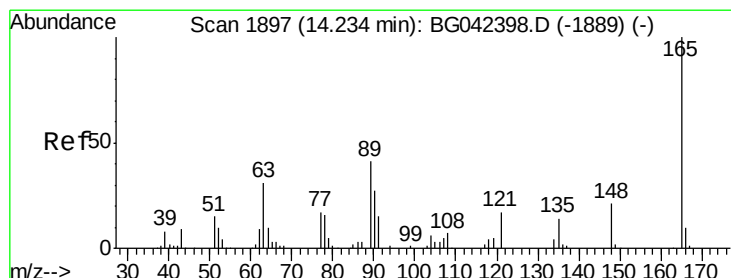
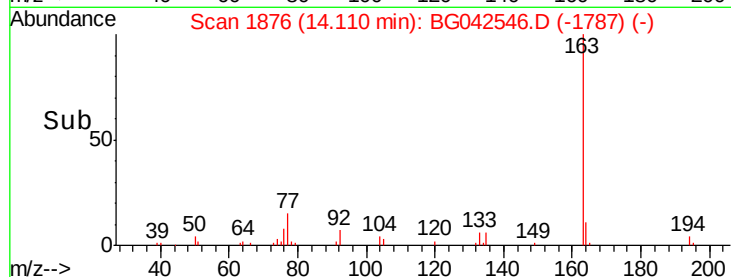
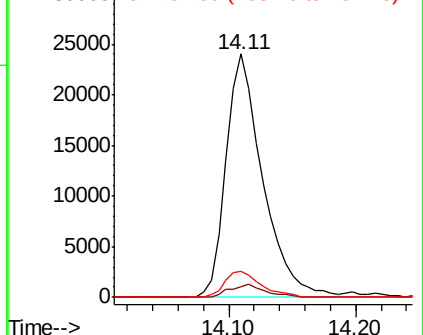
164 10.6 8.8 13.2



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



#51

2,6-Dinitrotoluene

Concen: 7.718 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.42 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

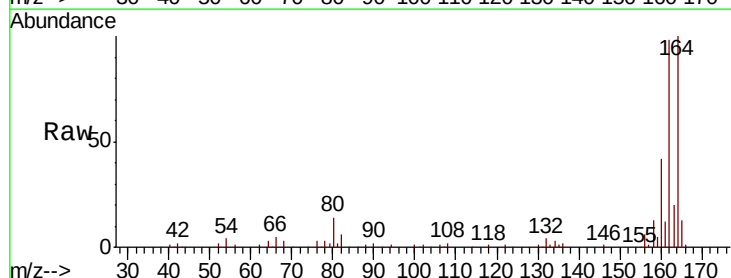
Tgt Ion:165 Resp: 13690

Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

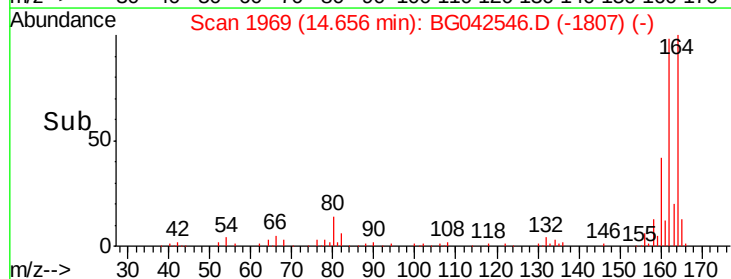
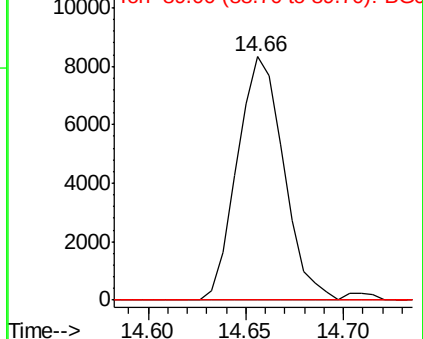
89 0.0 32.6 49.0#

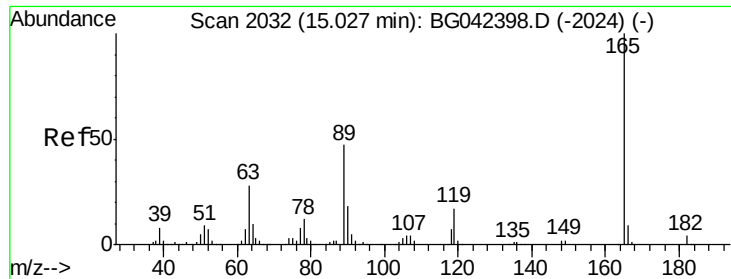


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

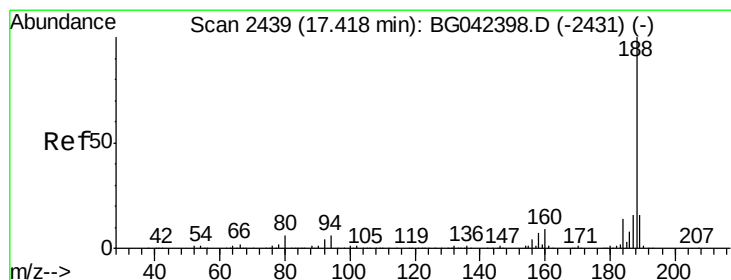
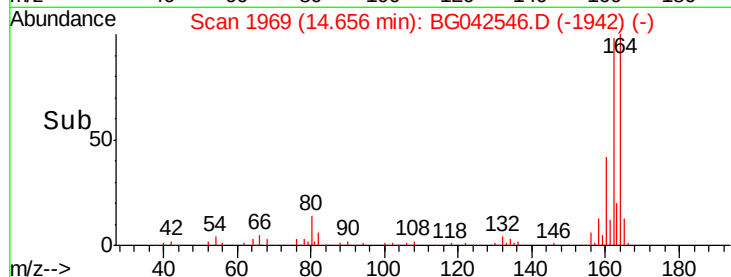
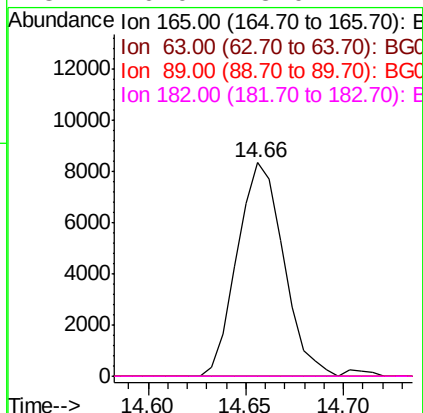
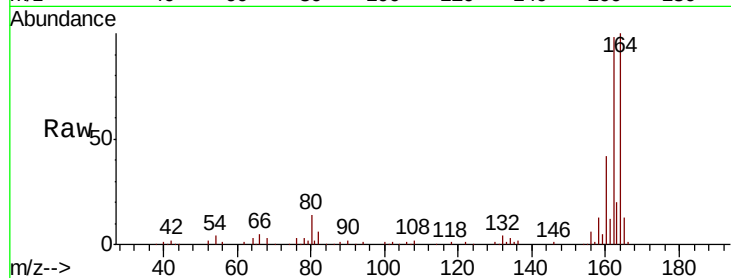




#57
 2,4-Dinitrotoluene
 Concen: 5.390 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042546.D
 Acq: 28 Aug 2019 23:49

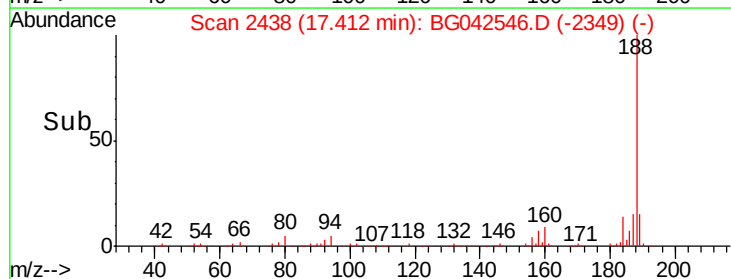
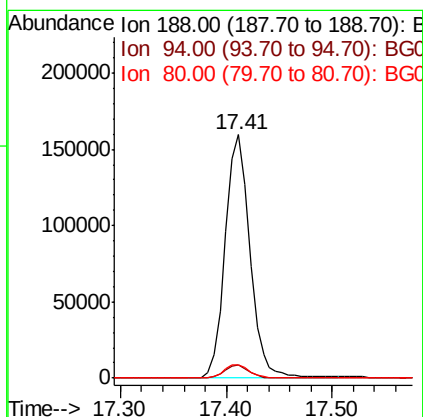
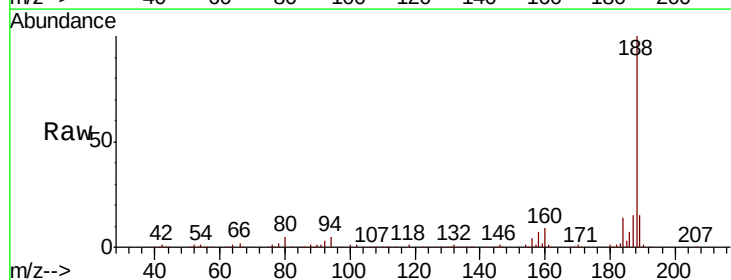
Instrument :
 BNA_G
 ClientSampleId :

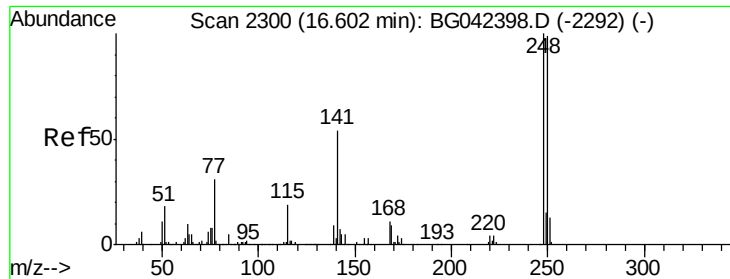
Tot Ion:165	Resp:	13690
Ion Ratio	Lower	Upper
165	100	
63	0.0	22.5 33.7#
89	0.0	37.8 56.6#
182	0.0	3.0 4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042546.D
 Acq: 28 Aug 2019 23:49

Tgt Ion:188	Resp:	259759
Ion Ratio	Lower	Upper
188	100	
94	5.3	4.5 6.7
80	5.5	4.9 7.3

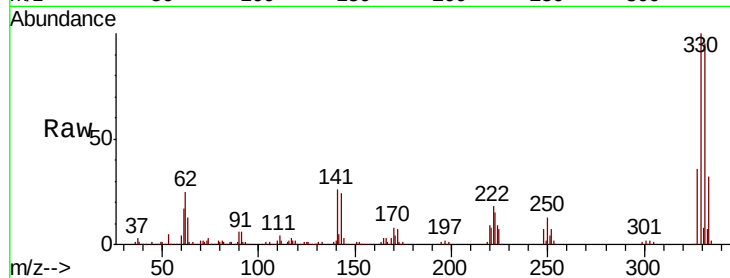




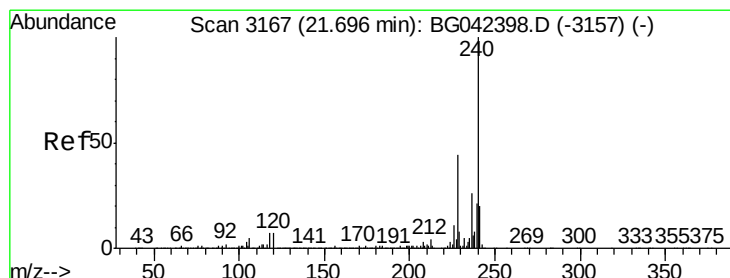
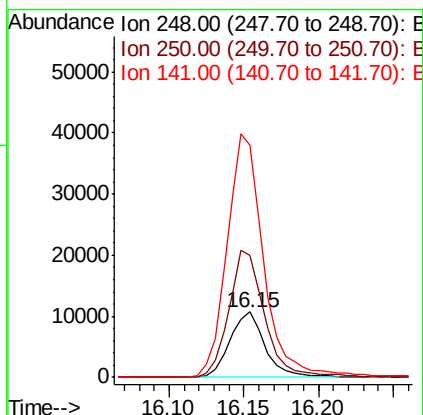
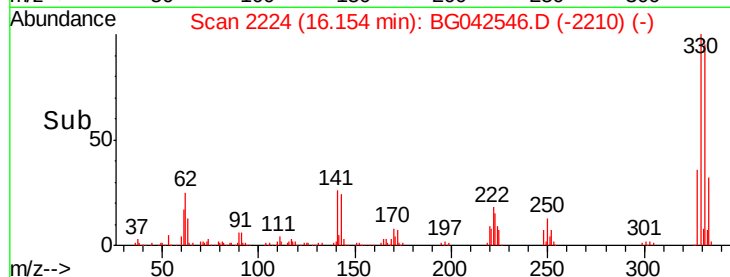
#67
 4-Bromophenyl-phenylether
 Concen: 5.315 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042546.D
 Acq: 28 Aug 2019 23:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 17513
 Ion Ratio Lower Upper
 248 100
 250 187.7 78.9 118.3#
 141 356.8 43.3 64.9#

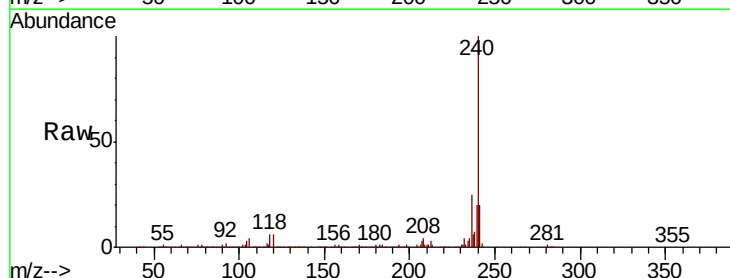


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

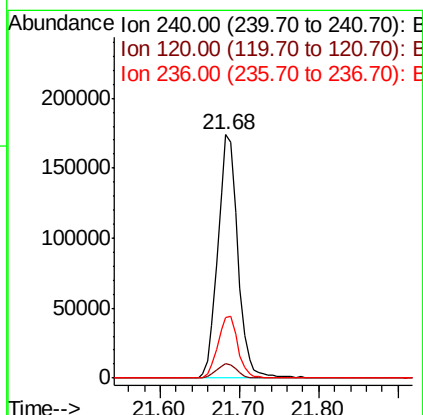
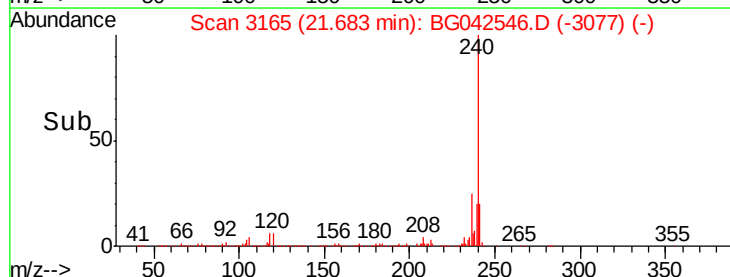


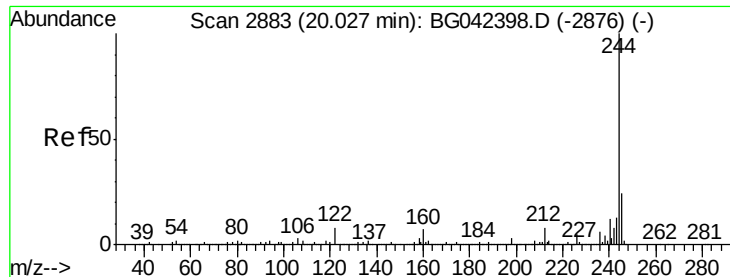
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042546.D
 Acq: 28 Aug 2019 23:49

Tgt Ion:240 Resp: 303270
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.7 8.5
 236 24.9 21.0 31.4



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: 89.300 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Instrument :

BNA_G

ClientSampled :

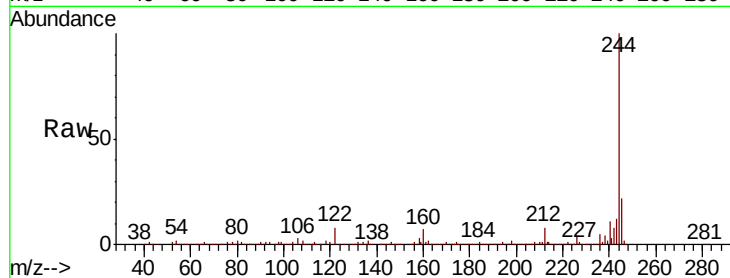
Tot Ion:244 Resp: 1252690

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

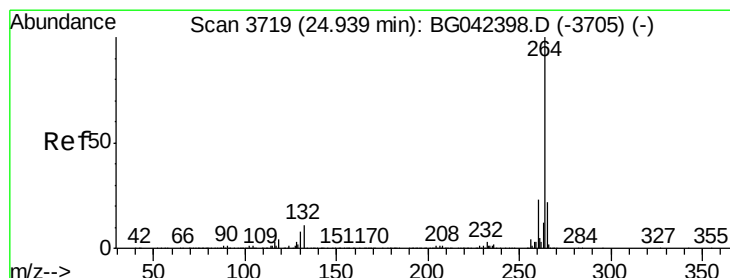
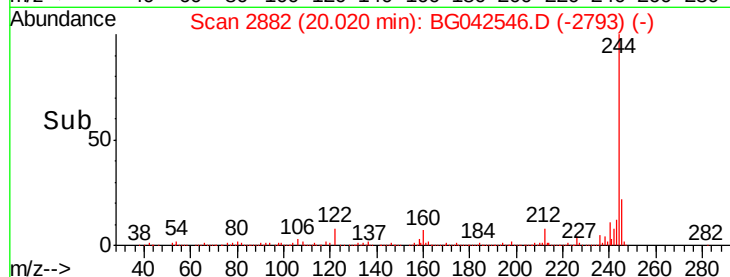
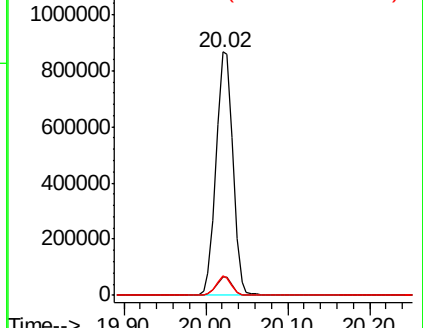
122 8.1 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

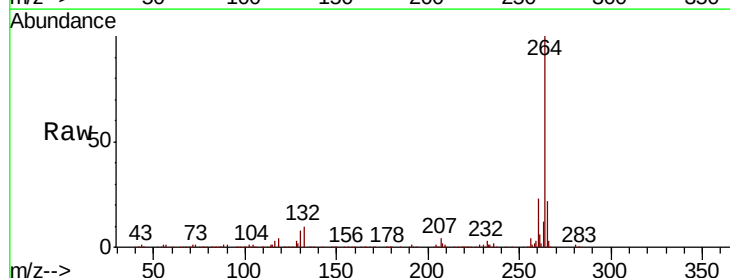
Tgt Ion:264 Resp: 360952

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 22.2 17.6 26.4



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

