

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
 Data File : BG042577.D
 Acq On : 29 Aug 2019 22:45
 Operator : HP/JU
 Sample : K4567-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-S

Quant Time: Aug 30 05:37:04 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

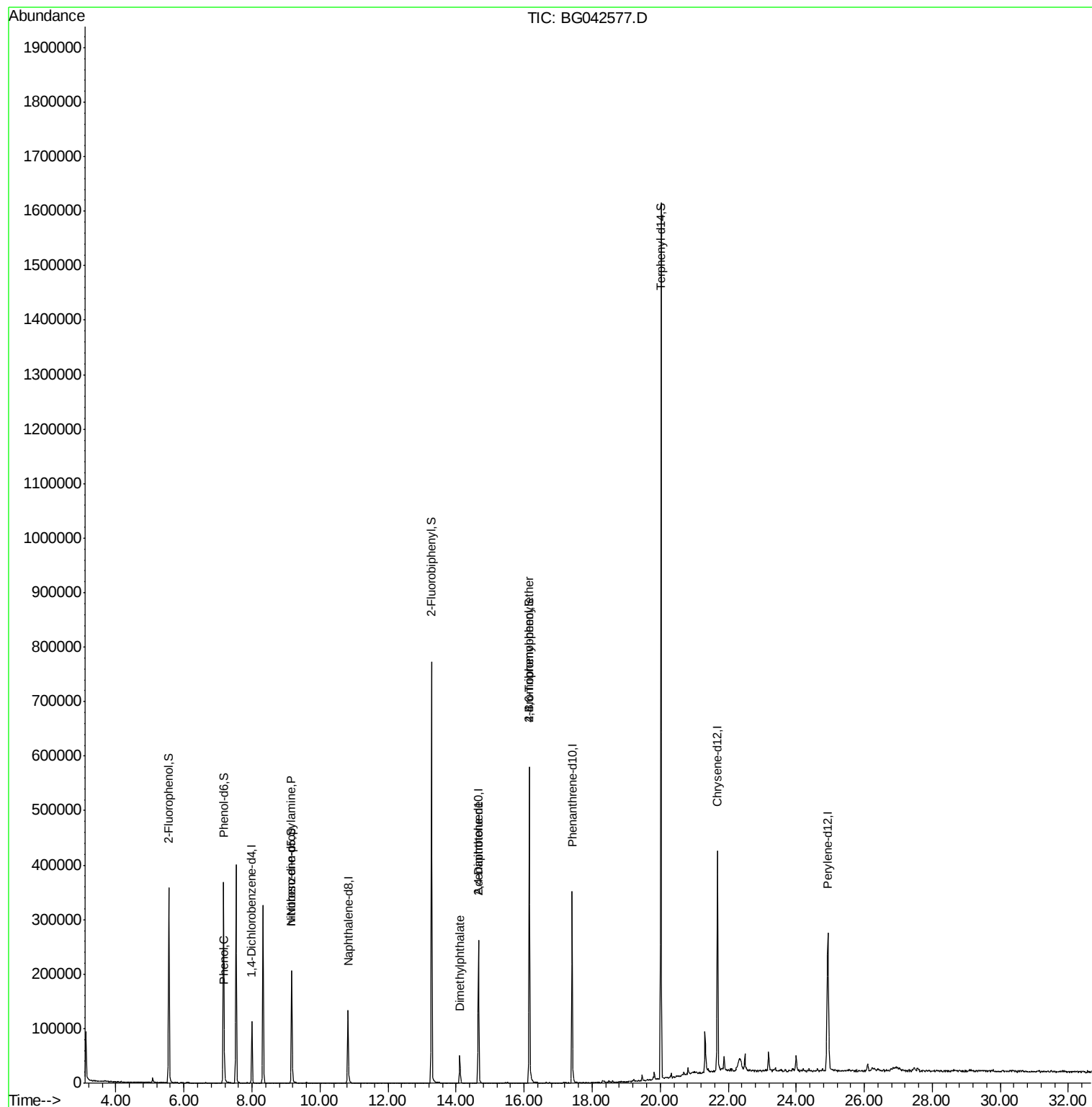
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38632	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146989	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107509	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	249075	20.00	ng	0.00
76) Chrysene-d12	21.68	240	260276	20.00	ng	-0.01
87) Perylene-d12	24.93	264	311129	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	183224	96.06	ng	0.00
7) Phenol-d6	7.17	99	247598	96.10	ng	0.00
23) Nitrobenzene-d5	9.16	82	141574	66.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	158174	103.51	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	470574	74.03	ng	0.00
79) Terphenyl-d14	20.02	244	860260	71.46	ng	0.00
Target Compounds						
10) Phenol	7.19	94	13132	5.013	ng	82
19) n-Nitroso-di-n-propylamine	9.16	70	18218	10.914	ng	# 77
50) Dimethylphthalate	14.10	163	53823	6.938	ng	99
57) 2,4-Dinitrotoluene	14.66	165	13960	5.422	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	10535	3.335	ng	# 1

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

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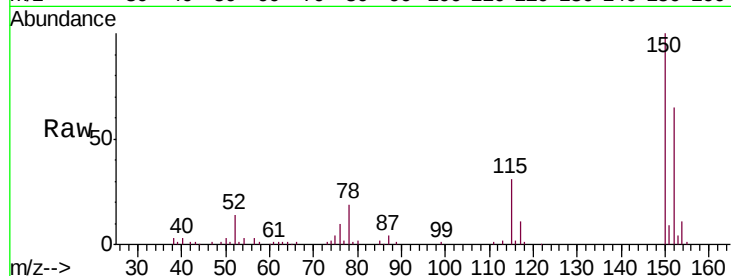




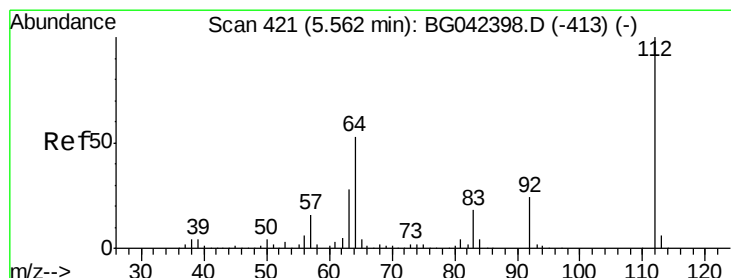
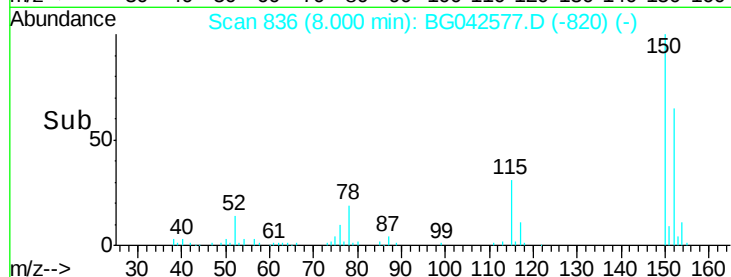
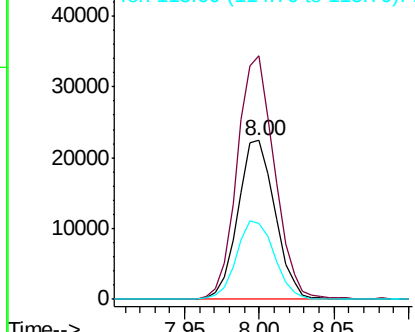
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-S

Tgt Ion:152 Resp: 38632
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.4 188.0
 115 47.9 38.5 57.7

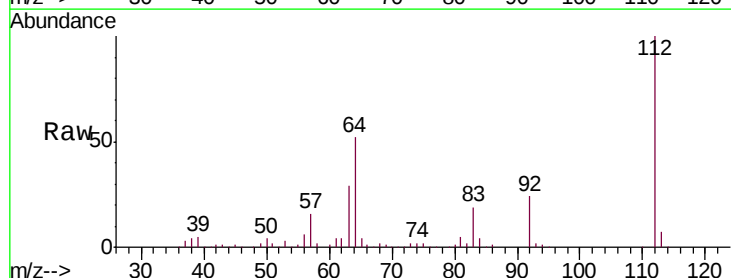


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

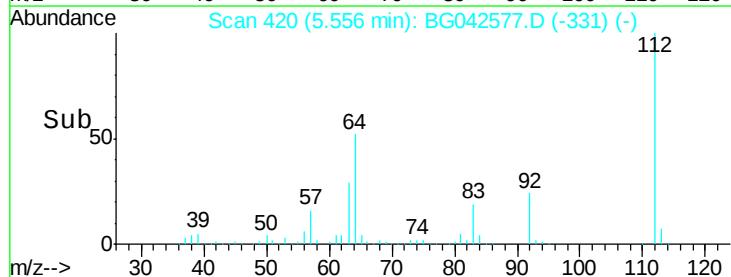
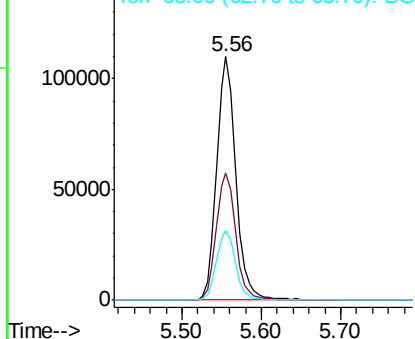


#5
 2-Fluorophenol
 Concen: 96.056 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Tgt Ion:112 Resp: 183224
 Ion Ratio Lower Upper
 112 100
 64 52.2 42.8 64.2
 63 28.7 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: 96.096 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

Instrument :

BNA_G

ClientSampleId :

TP-7-S

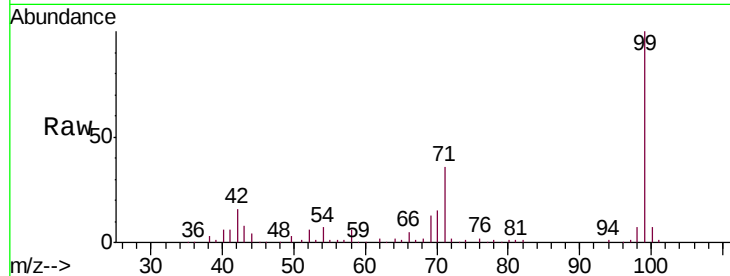
Tgt Ion: 99 Resp: 247598

Ion Ratio Lower Upper

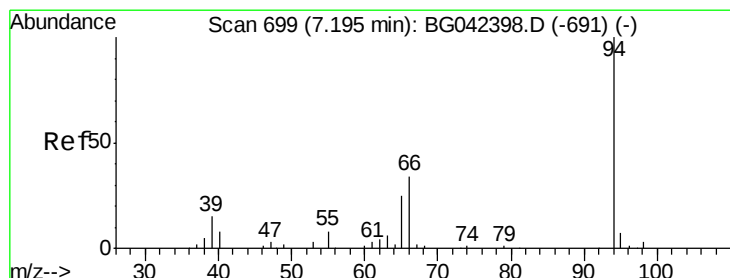
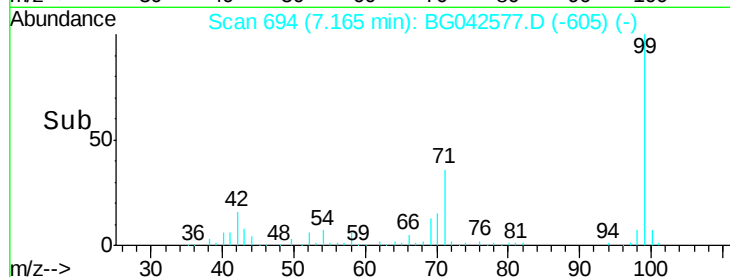
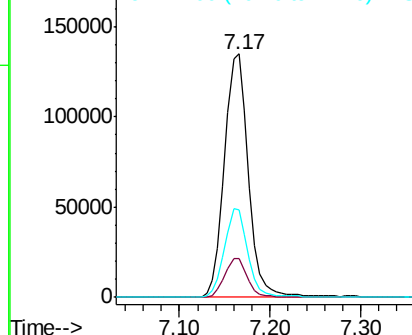
99 100

42 15.8 12.0 18.0

71 35.8 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: 5.013 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

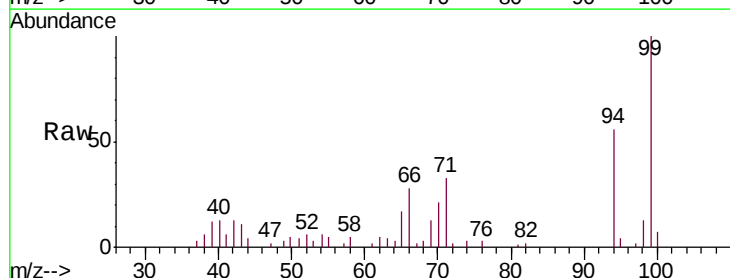
Tgt Ion: 94 Resp: 13132

Ion Ratio Lower Upper

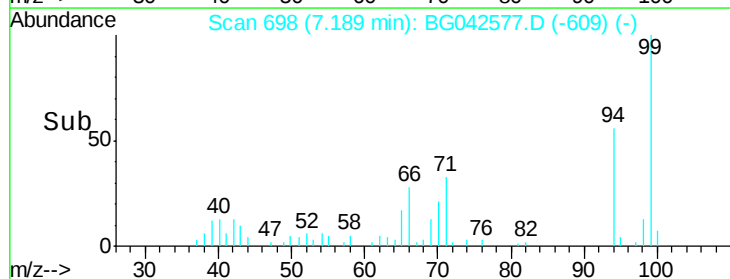
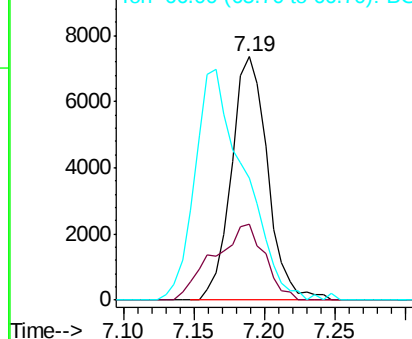
94 100

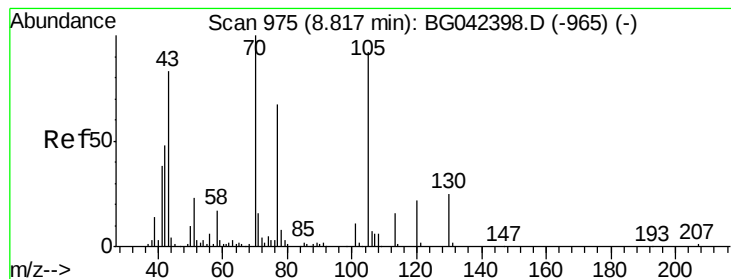
65 31.0 5.6 45.6

66 50.0 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: 10.914 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

Instrument :

BNA_G

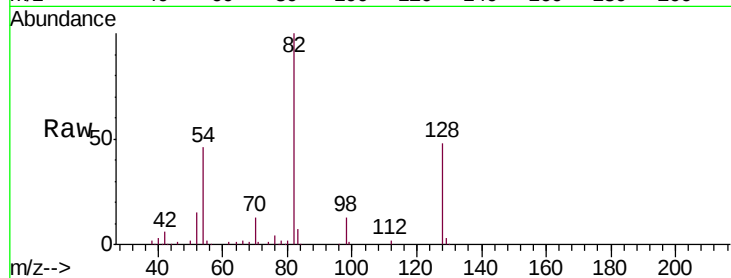
ClientSampleId :

TP-7-S

Tgt Ion: 70 Resp: 18218

Ion Ratio Lower Upper

70	100		
42	42.3	38.8	58.2
101	0.0	9.0	13.6#
130	2.3	20.0	30.0#



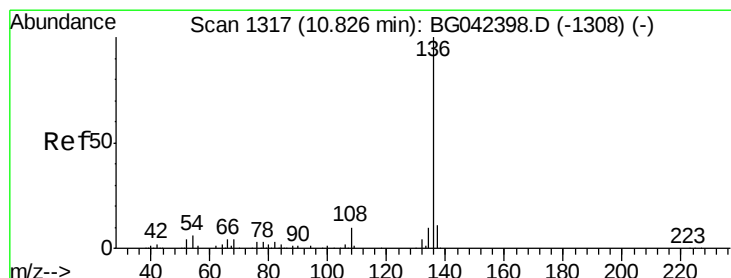
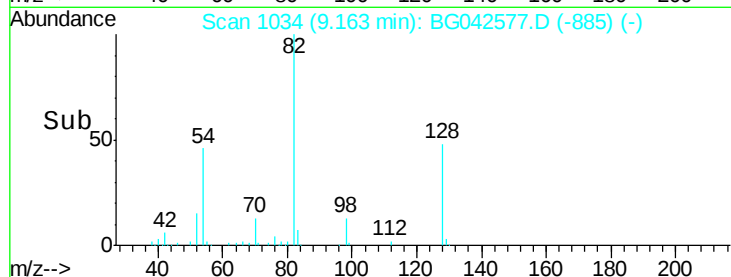
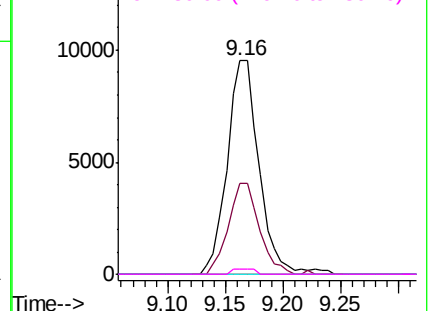
Abundance

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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

Tgt Ion: 136 Resp: 146989

Ion Ratio Lower Upper

136	100		
137	11.0	8.7	13.1
54	6.0	4.9	7.3
68	3.5	3.6	5.4#

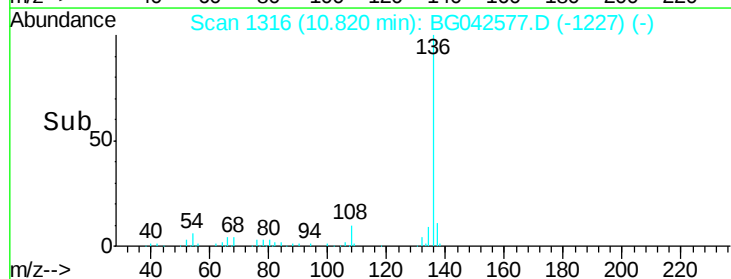
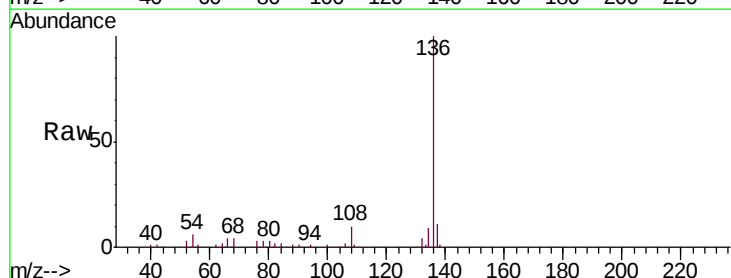
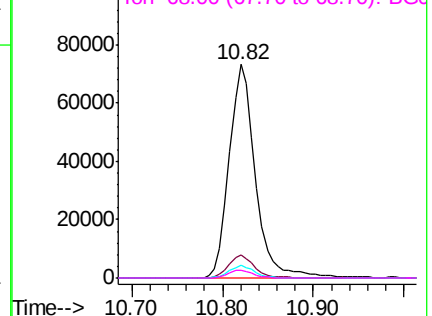
Abundance

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

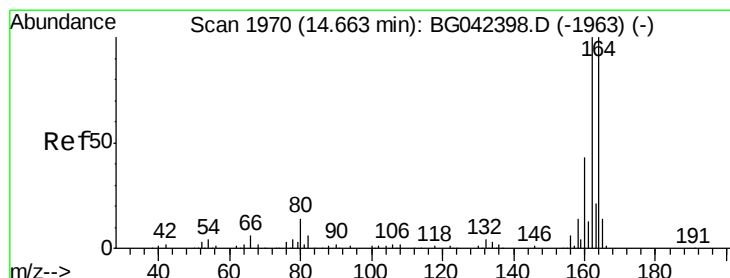
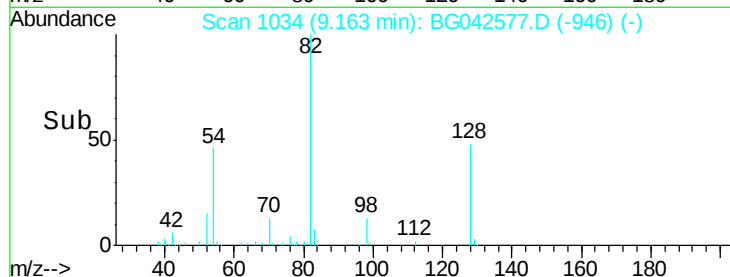
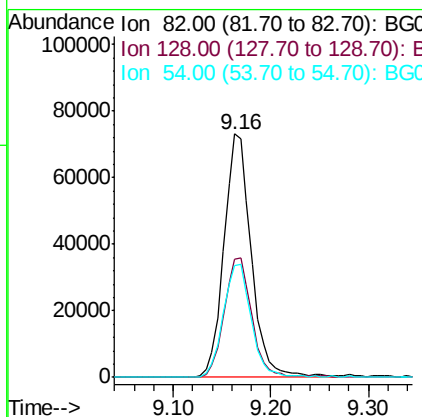
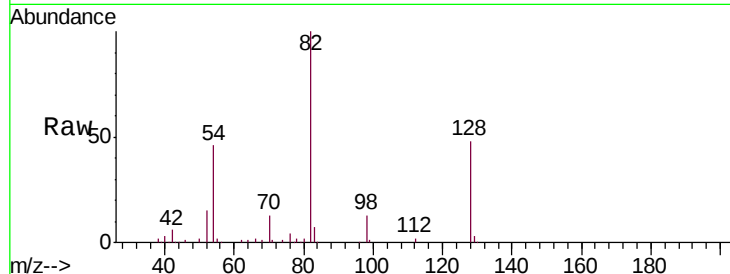




#23
 Nitrobenzene-d5
 Concen: 66.558 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

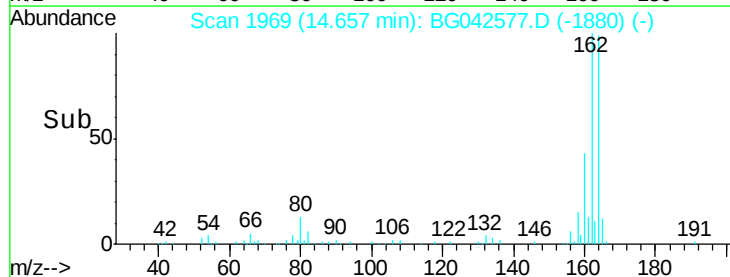
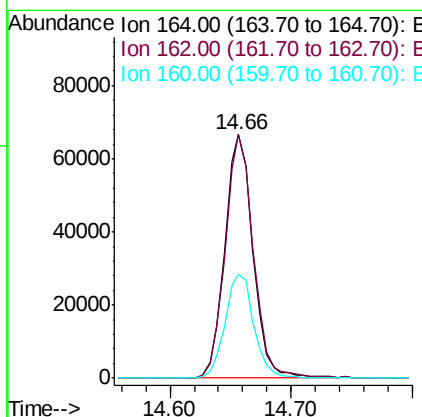
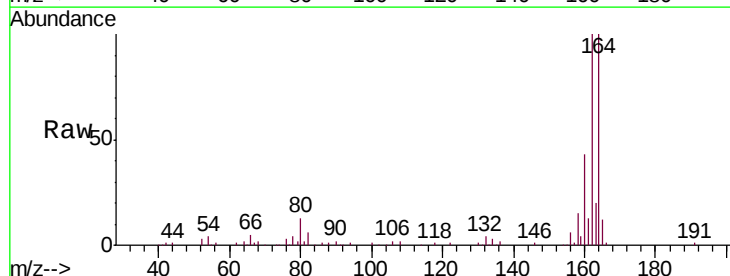
Instrument :
 BNA_G
 ClientSampled :
 TP-7-S

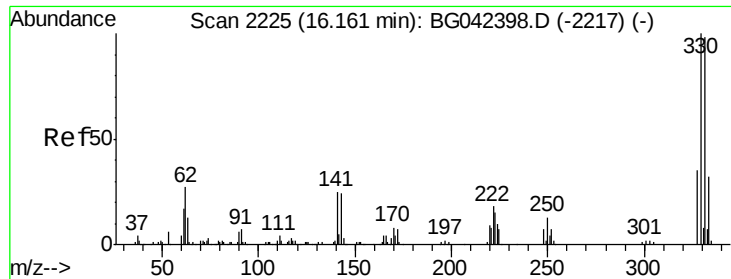
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	40.7	61.1
54	45.8	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.9	119.9
160	42.8	34.3	51.5

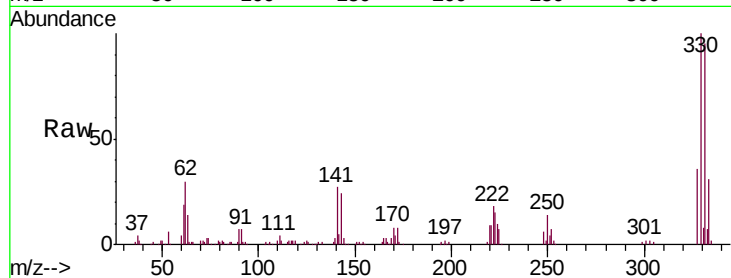




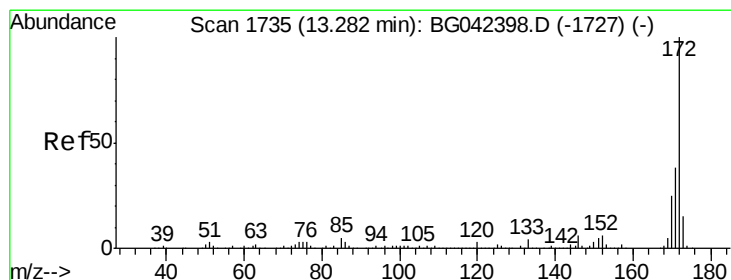
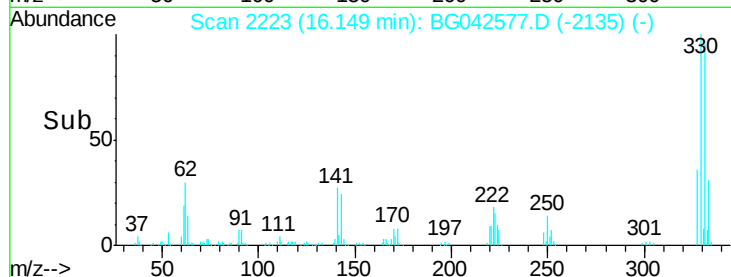
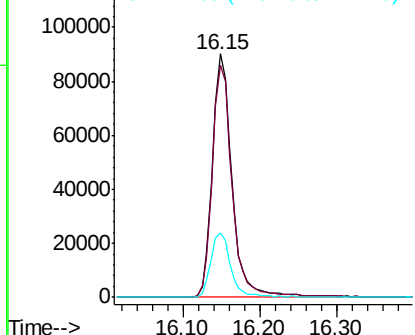
#42
 2,4,6-Tribromophenol
 Concen: 103.513 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-S

Tgt Ion:330 Resp: 158174
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 27.4 21.4 32.0

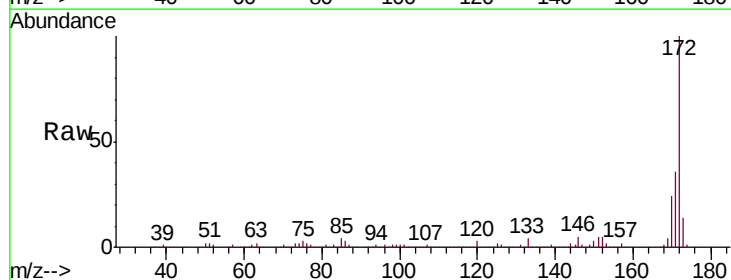


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

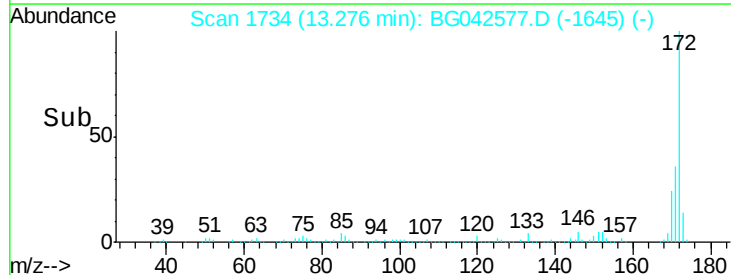
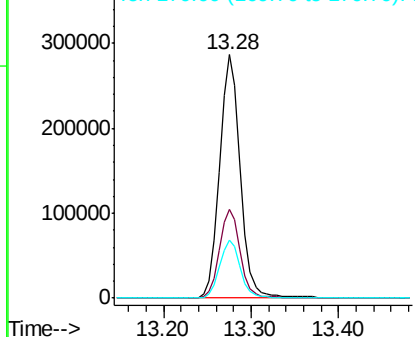


#45
 2-Fluorobiphenyl
 Concen: 74.029 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Tgt Ion:172 Resp: 470574
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 23.9 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: 6.938 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

Instrument :

BNA_G

ClientSampleId :

TP-7-S

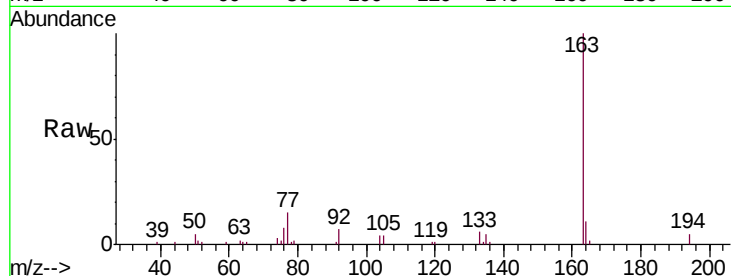
Tgt Ion:163 Resp: 53823

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

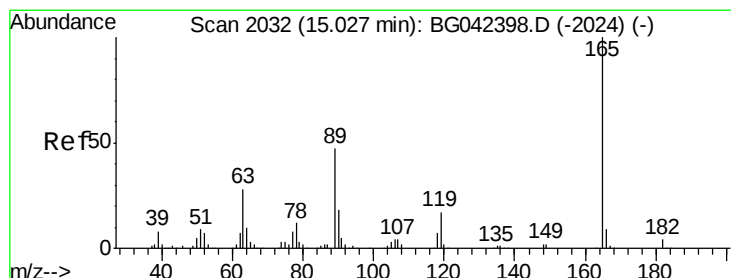
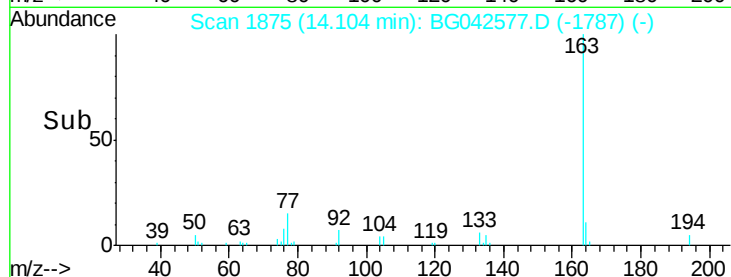
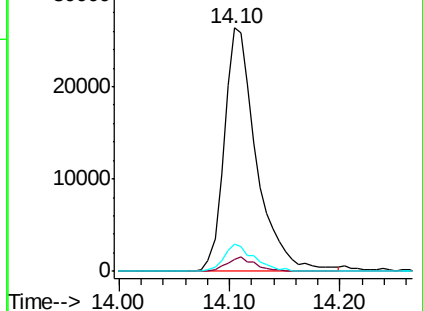
164 11.4 8.8 13.2



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: 5.422 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042577.D

Acq: 29 Aug 2019 22:45

Tgt Ion:165 Resp: 13960

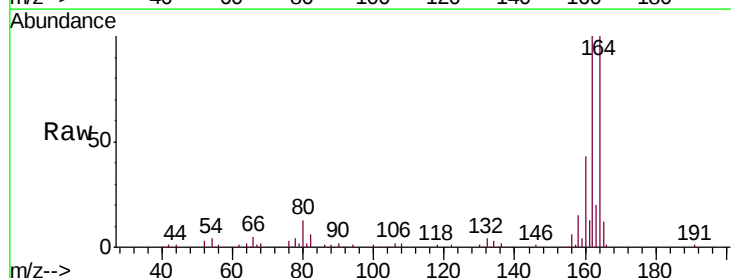
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

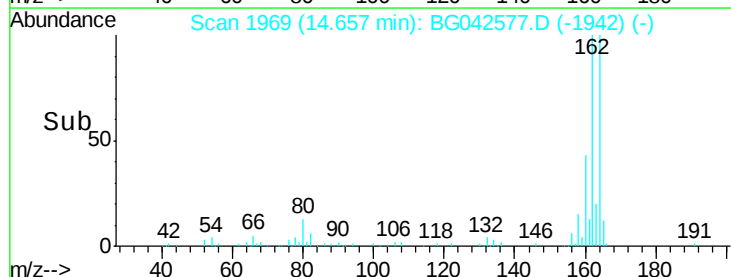
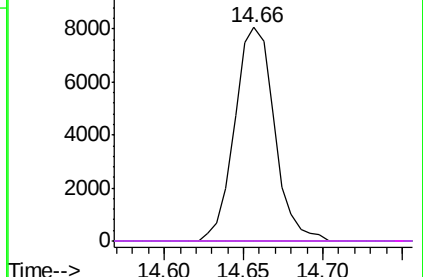


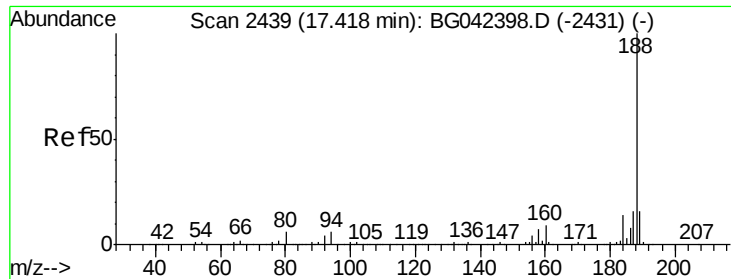
Abundance Ion 165.00 (164.70 to 165.70): E

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

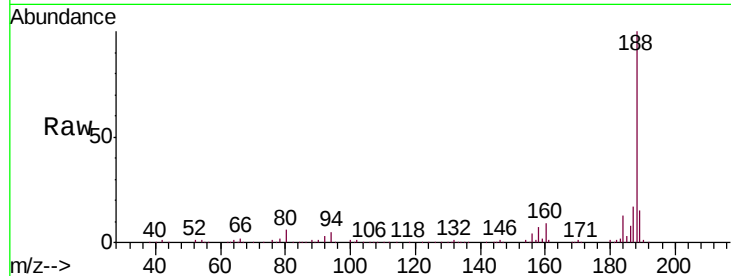




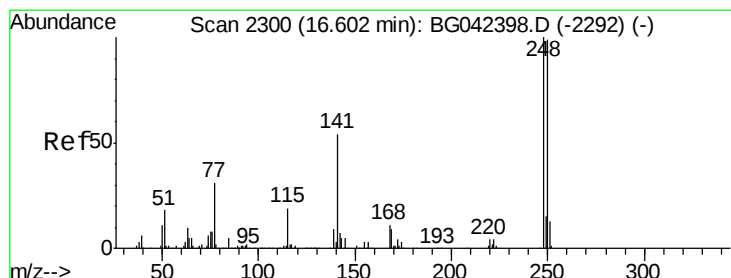
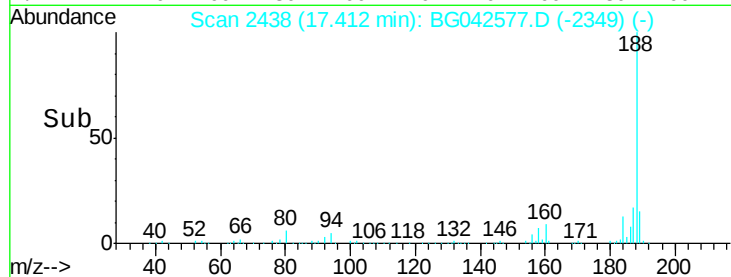
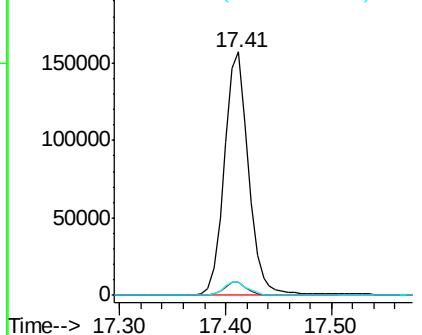
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-S

Tgt Ion:188 Resp: 249075
 Ion Ratio Lower Upper
 188 100
 94 5.2 4.5 6.7
 80 5.6 4.9 7.3

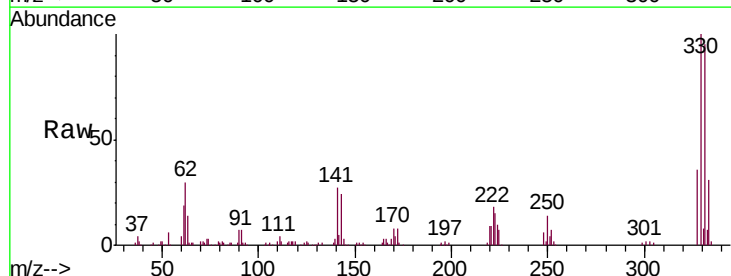


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGO
 Ion 80.00 (79.70 to 80.70): BGO

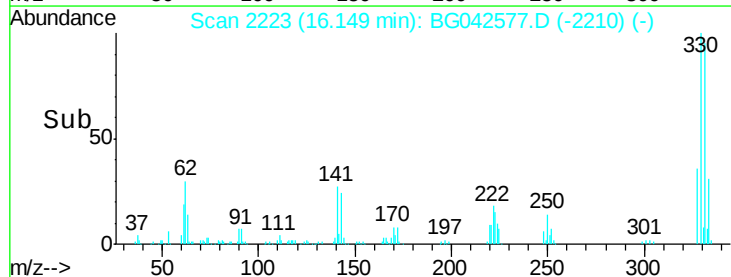
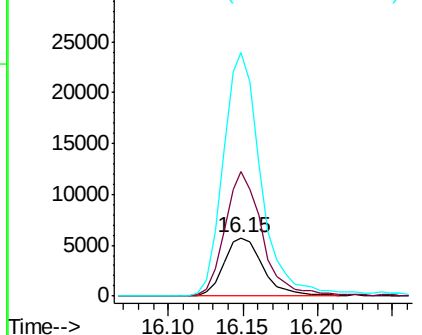


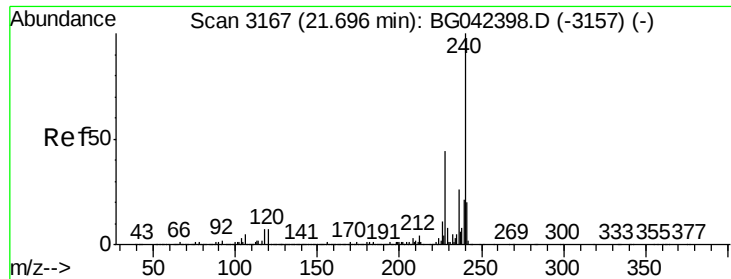
#67
 4-Bromophenyl-phenylether
 Concen: 3.335 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042577.D
 Acq: 29 Aug 2019 22:45

Tgt Ion:248 Resp: 10535
 Ion Ratio Lower Upper
 248 100
 250 213.1 78.9 118.3#
 141 418.2 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

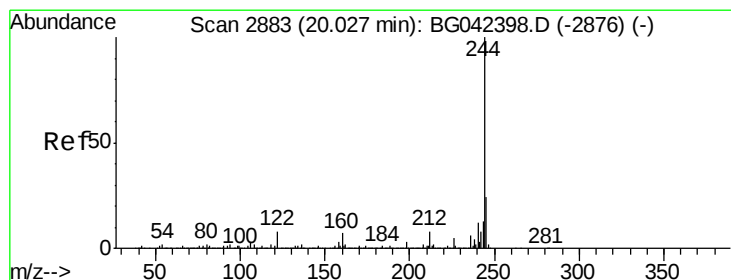
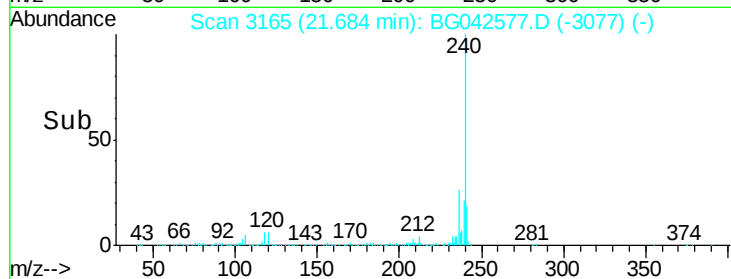
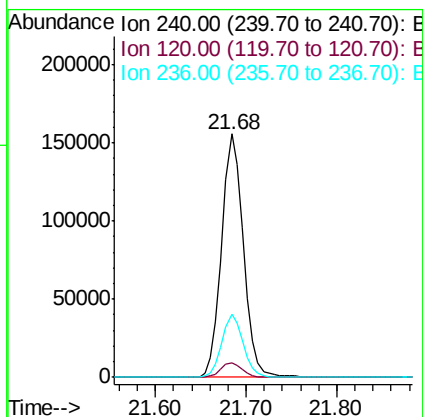
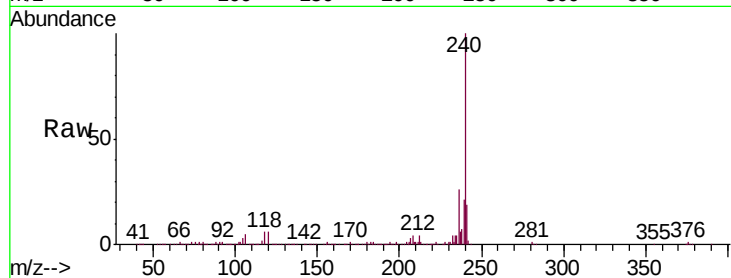




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

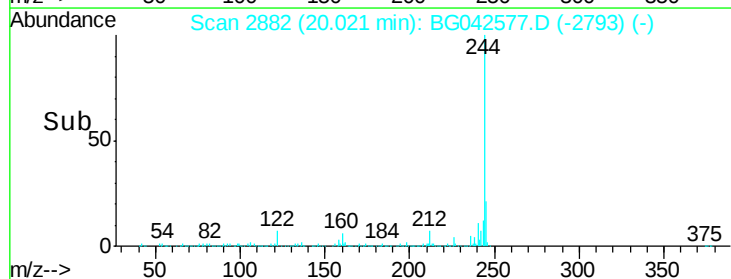
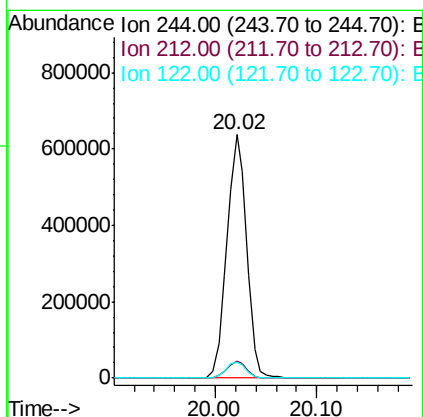
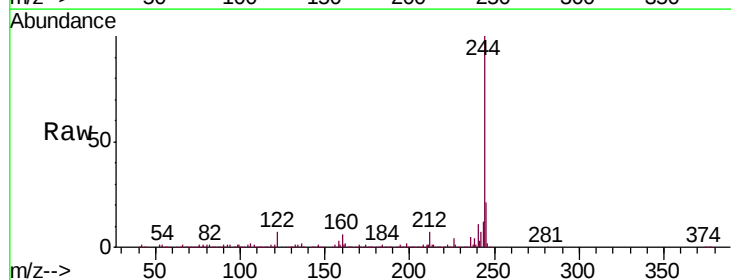
Instrument :
BNA_G
ClientSampleId :
TP-7-S

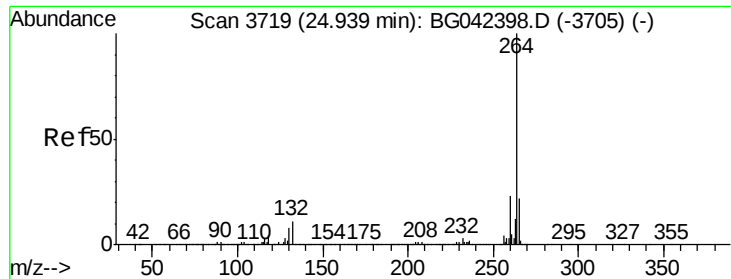
Tgt Ion:240 Resp: 260276
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 25.9 21.0 31.4



#79
Terphenyl-d14
Concen: 71.455 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

Tgt Ion:244 Resp: 860260
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 6.6 6.7 10.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042577.D
Acq: 29 Aug 2019 22:45

Instrument :
BNA_G
ClientSampleId :
TP-7-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.8	17.6	26.4

