

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042476.D
 Acq On : 25 Aug 2019 13:52
 Operator : HP/JU
 Sample : K4451-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:32:02 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

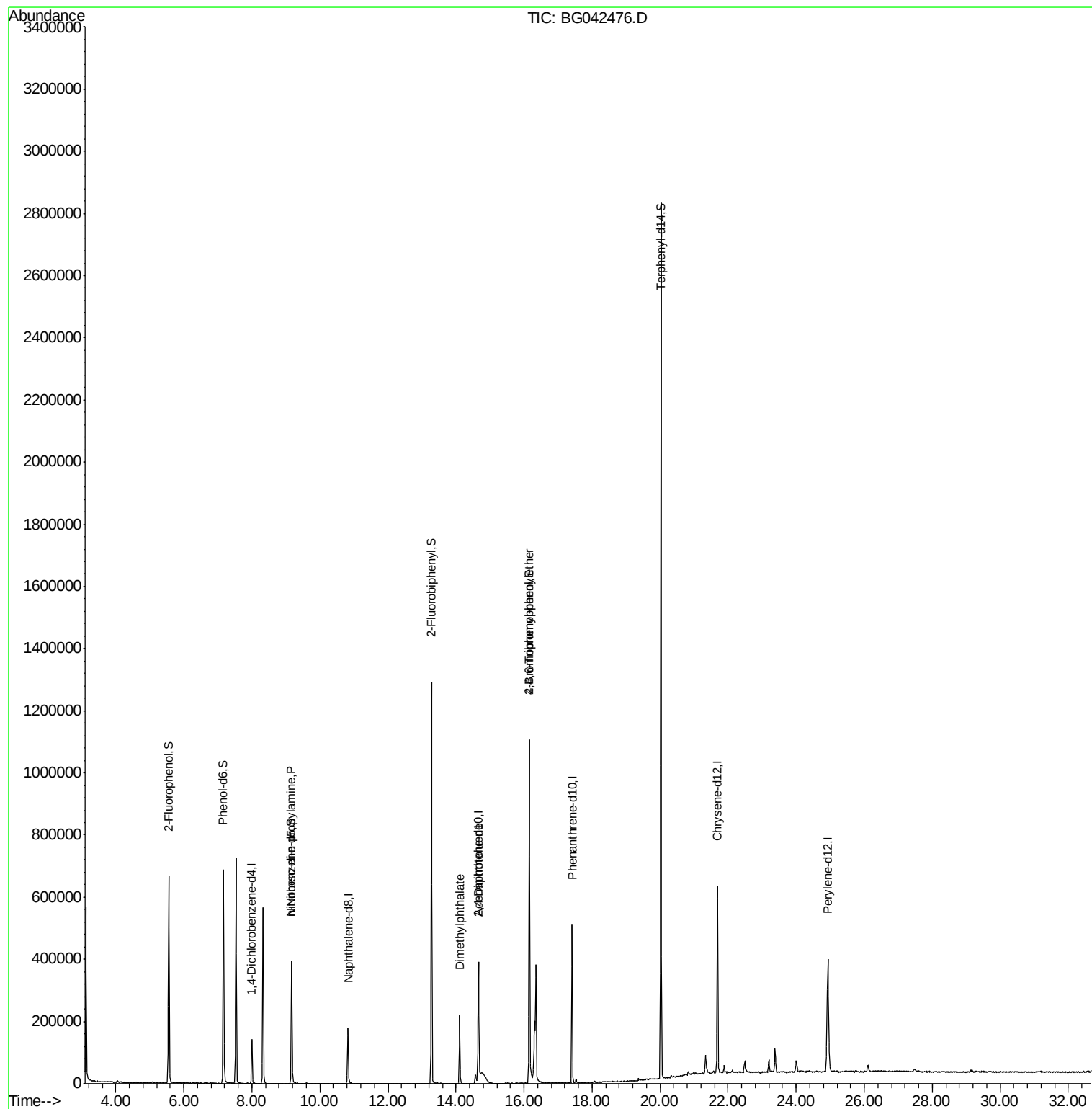
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	48301	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	188457	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	141460	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	350737	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	376477	20.00	ng	-0.01
87) Perylene-d12	24.92	264	434626	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	347703	145.79	ng	0.00
7) Phenol-d6	7.16	99	479751	148.92	ng	-0.01
23) Nitrobenzene-d5	9.17	82	266274	97.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	293781	146.11	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	737358	88.16	ng	0.00
79) Terphenyl-d14	20.02	244	1403164	80.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	34065	16.322	ng	Qvalue # 72
50) Dimethylphthalate	14.11	163	179410	17.577	ng	99
57) 2,4-Dinitrotoluene	14.66	165	18478	5.454	ng	# 45
67) 4-Bromophenyl-phenylether	16.15	248	19883	4.469	ng	# 1

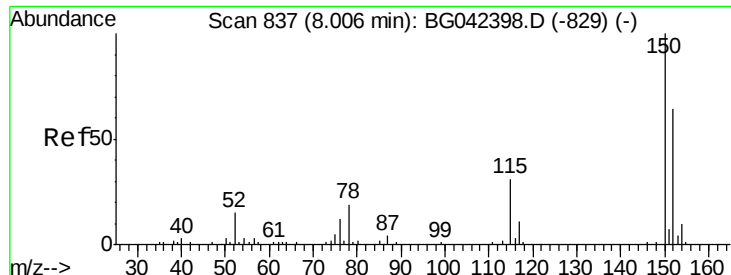
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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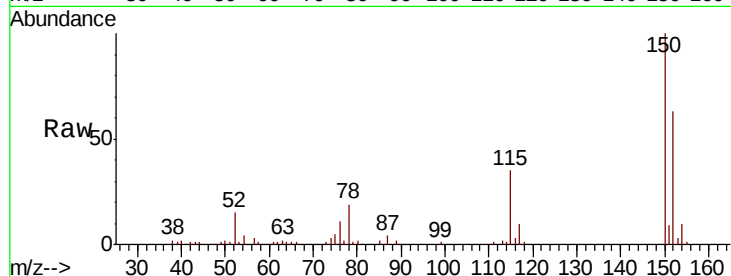


#1

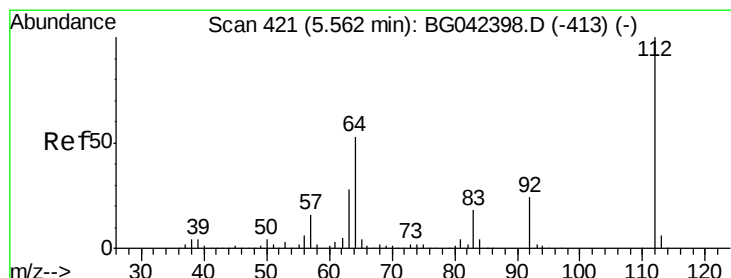
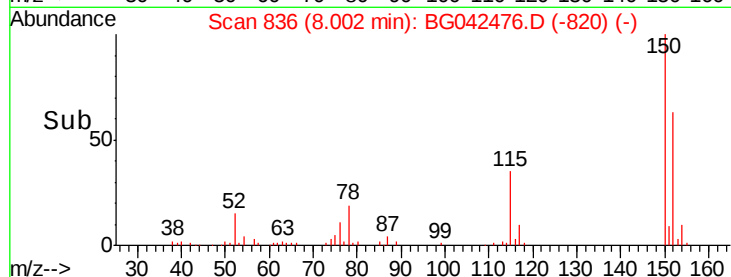
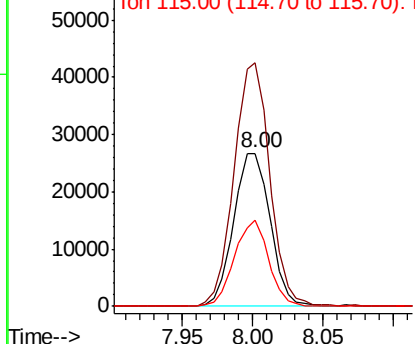
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042476.D
Acq: 25 Aug 2019 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48301
Ion Ratio Lower Upper
152 100
150 159.1 125.4 188.0
115 56.1 38.5 57.7



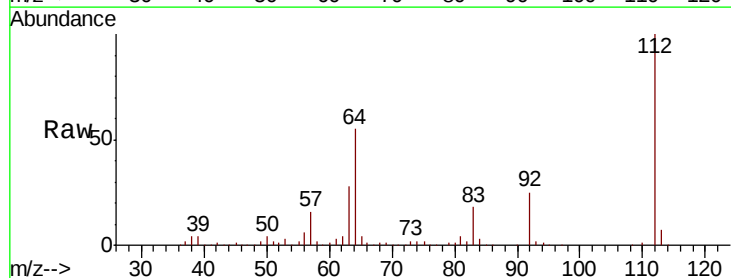
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



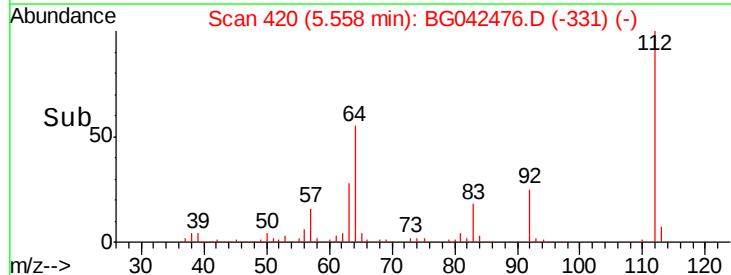
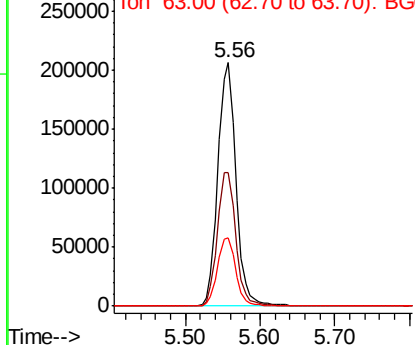
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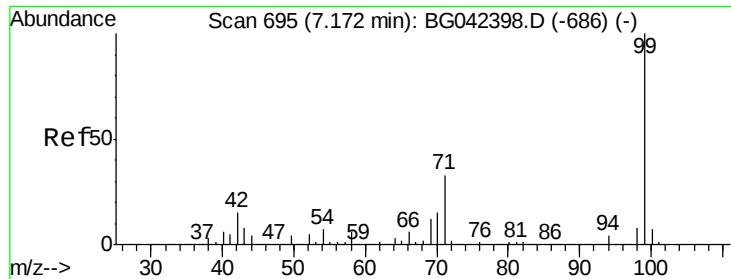
2-Fluorophenol
Concen: 145.794 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042476.D
Acq: 25 Aug 2019 13:52

Tgt Ion:112 Resp: 347703
Ion Ratio Lower Upper
112 100
64 54.9 42.8 64.2
63 27.9 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: 148.924 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042476.D

Acq: 25 Aug 2019 13:52

Instrument :

BNA_G

ClientSampleId :

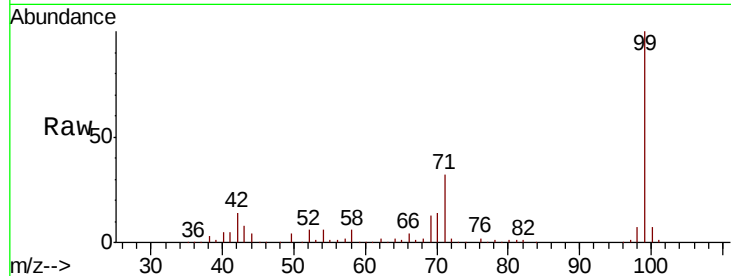
Tot Ion: 99 Resp: 479751

Ion Ratio Lower Upper

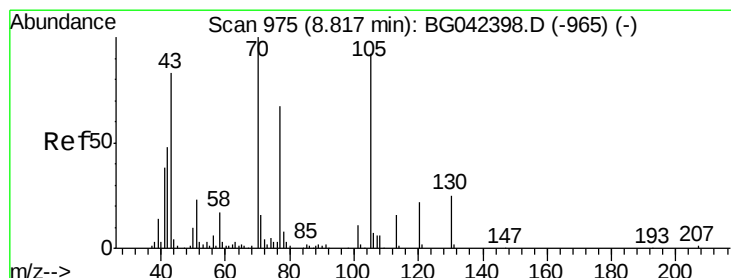
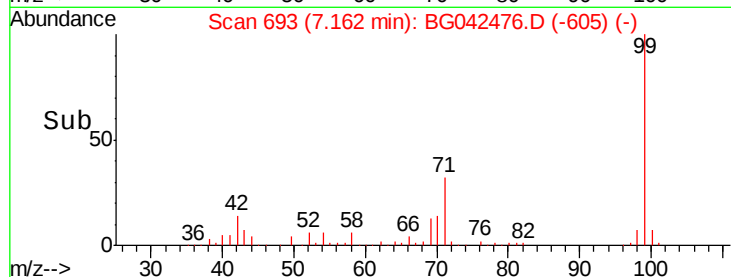
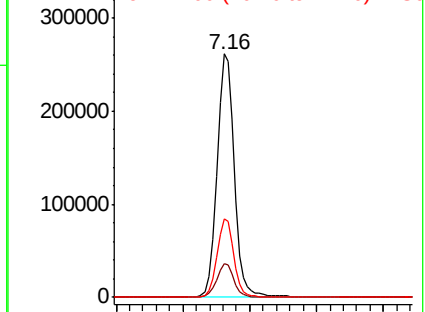
99 100

42 14.0 12.0 18.0

71 32.5 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: 16.322 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042476.D

Acq: 25 Aug 2019 13:52

Tgt Ion: 70 Resp: 34065

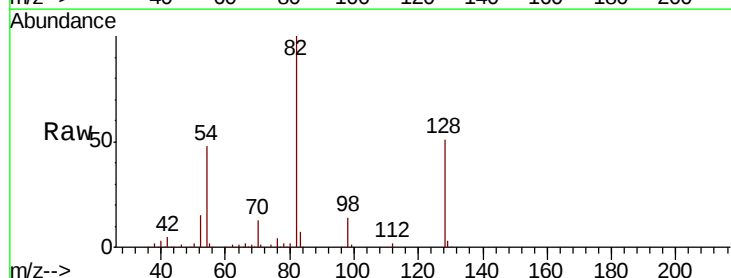
Ion Ratio Lower Upper

70 100

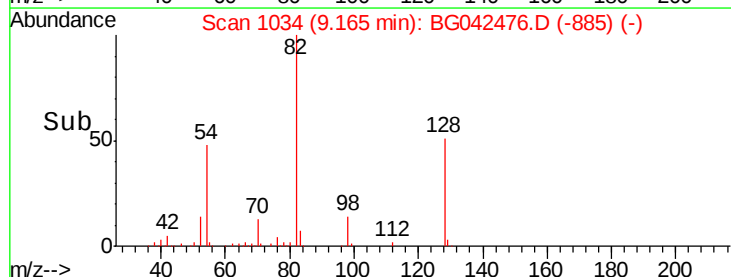
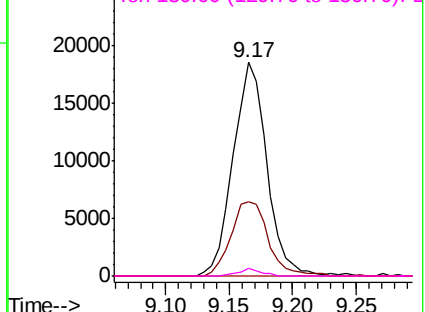
42 34.6 38.8 58.2#

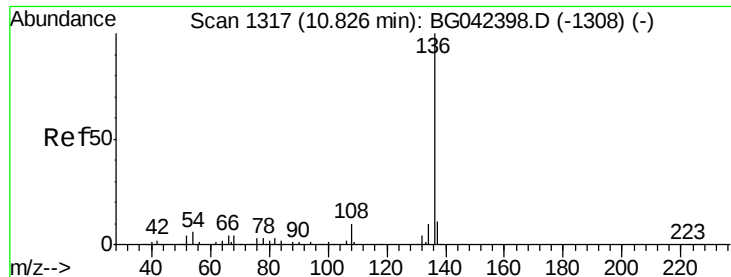
101 0.0 9.0 13.6#

130 3.5 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

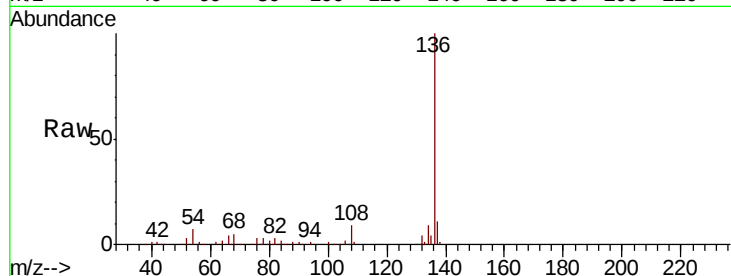




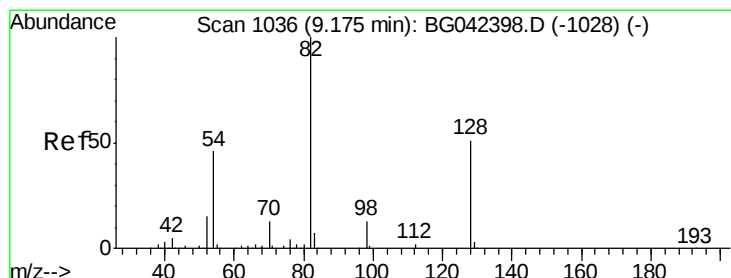
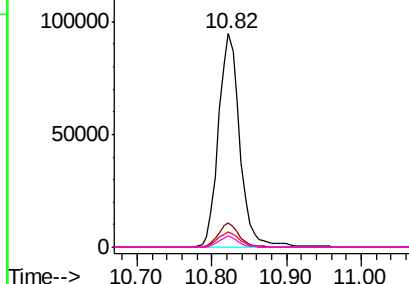
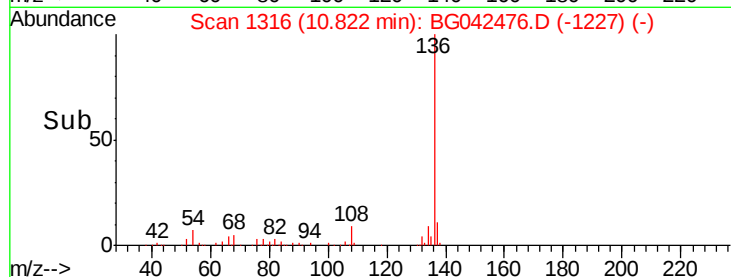
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042476.D
Acq: 25 Aug 2019 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	188457
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.7 13.1
54	7.0	4.9 7.3
68	5.2	3.6 5.4

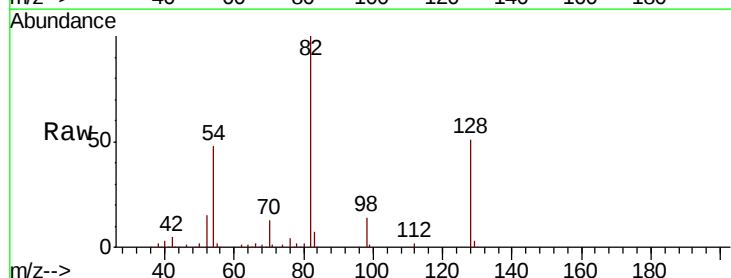


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

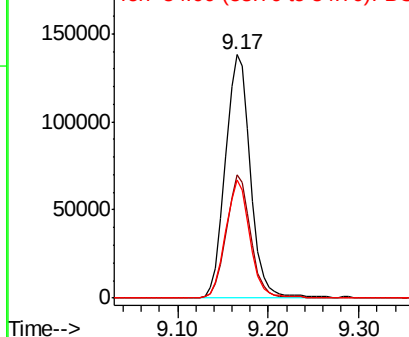
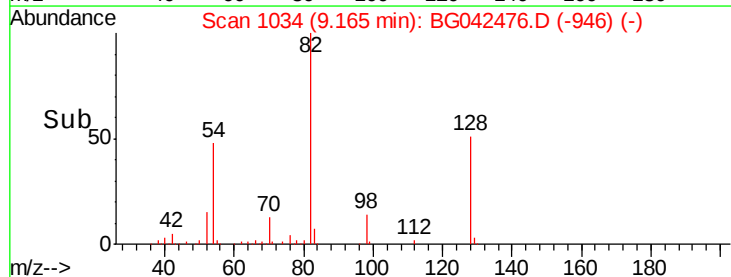


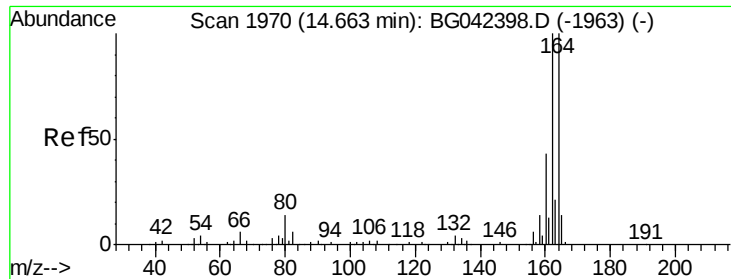
#23
Nitrobenzene-d5
Concen: 97.638 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042476.D
Acq: 25 Aug 2019 13:52

Tgt Ion: 82	Resp:	266274
Ion	Ratio	Lower Upper
82	100	
128	50.8	40.7 61.1
54	48.4	36.3 54.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042476.D

Acq: 25 Aug 2019 13:52

Instrument :

BNA_G

ClientSampleId :

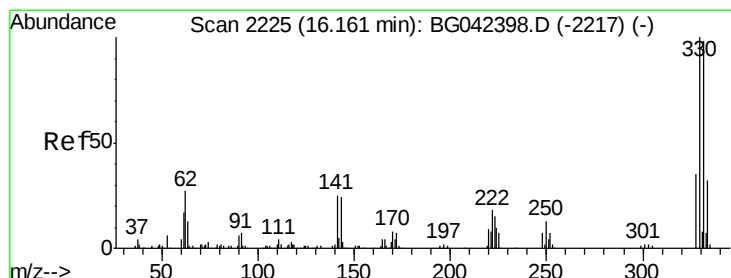
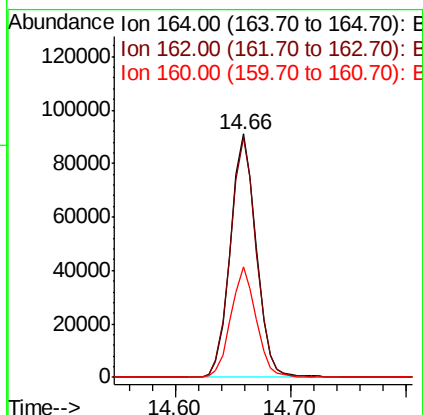
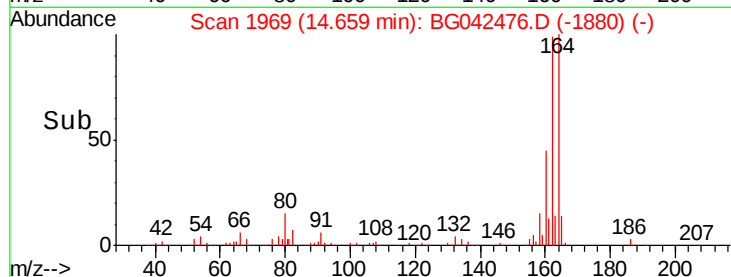
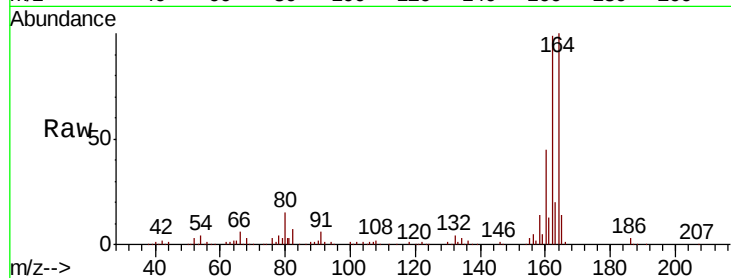
Tot Ion:164 Resp: 141460

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

160 45.2 34.3 51.5



#42

2,4,6-Tribromophenol

Concen: 146.114 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042476.D

Acq: 25 Aug 2019 13:52

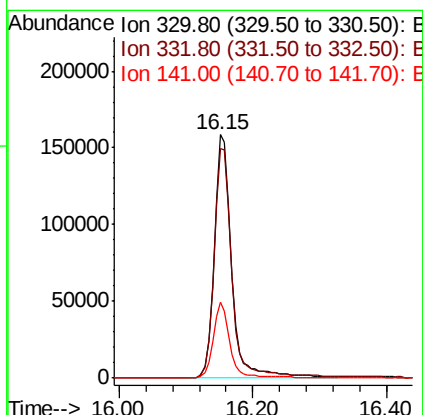
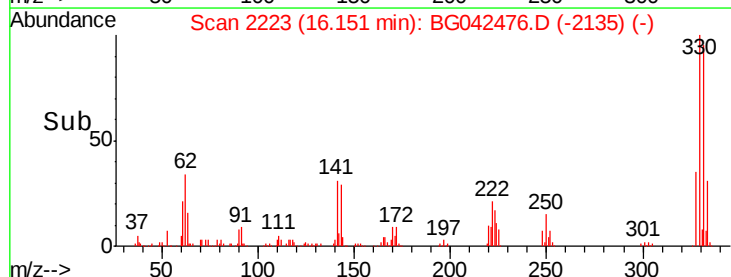
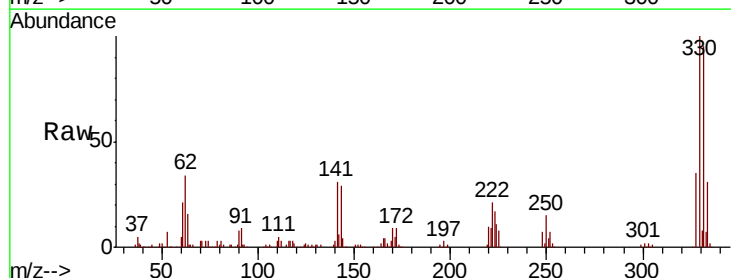
Tgt Ion:330 Resp: 293781

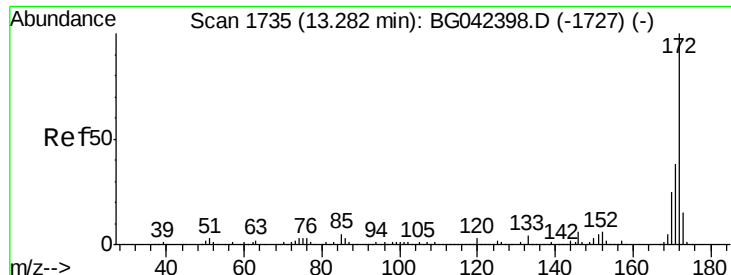
Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

141 29.1 21.4 32.0

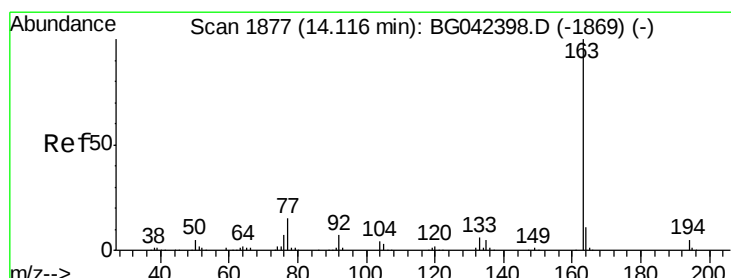
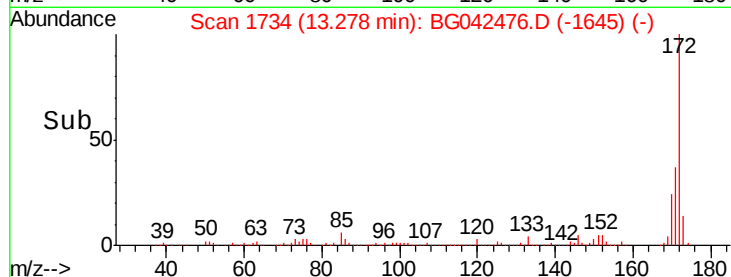
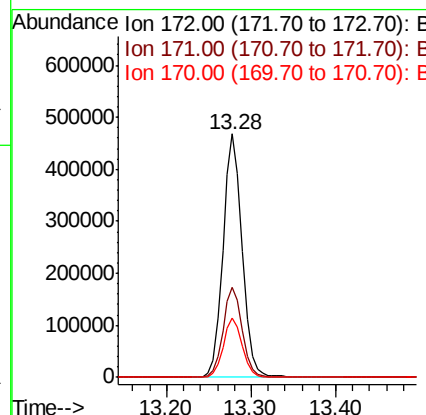
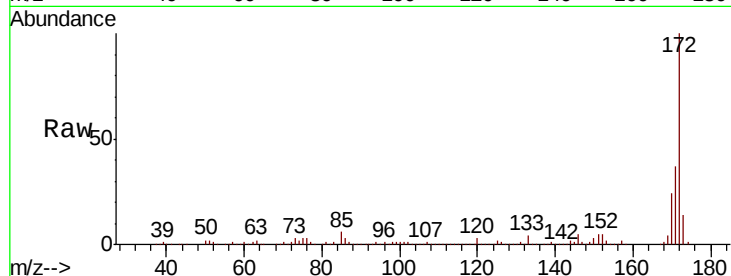




#45
 2-Fluorobiphenyl
 Concen: 88.158 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042476.D
 Acq: 25 Aug 2019 13:52

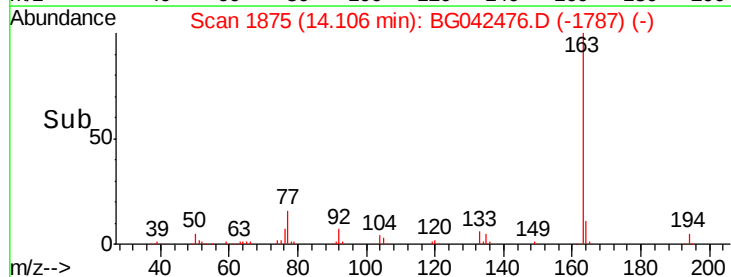
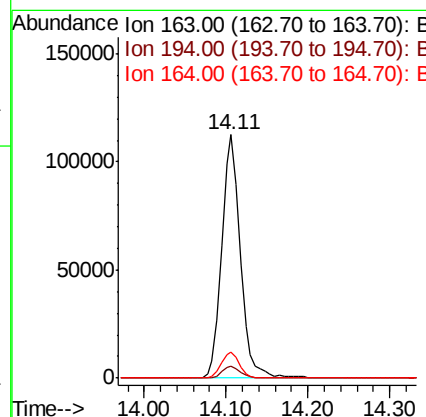
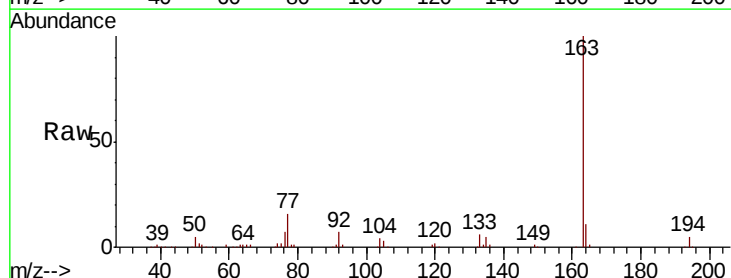
Instrument :
 BNA_G
 ClientSampleId :

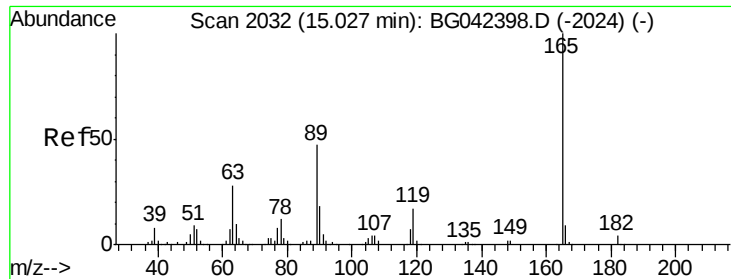
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	24.4	20.2	30.2



#50
 Dimethylphthalate
 Concen: 17.577 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042476.D
 Acq: 25 Aug 2019 13:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.7	8.8	13.2

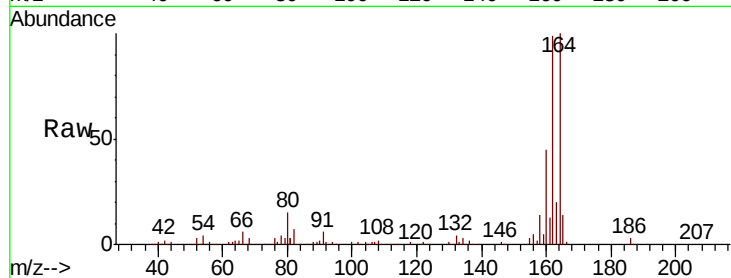




#57
2,4-Dinitrotoluene
Concen: 5.454 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042476.D
Acq: 25 Aug 2019 13:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	4.6	22.5	33.7#
89	4.4	37.8	56.6#
182	0.0	3.0	4.4#



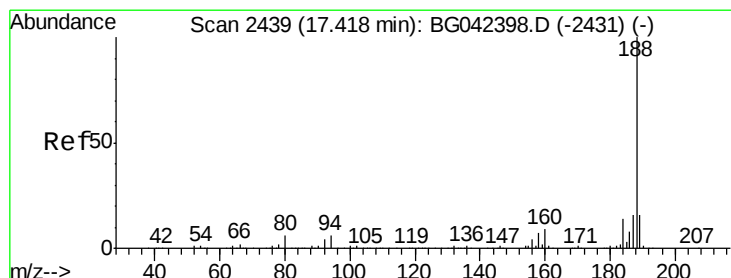
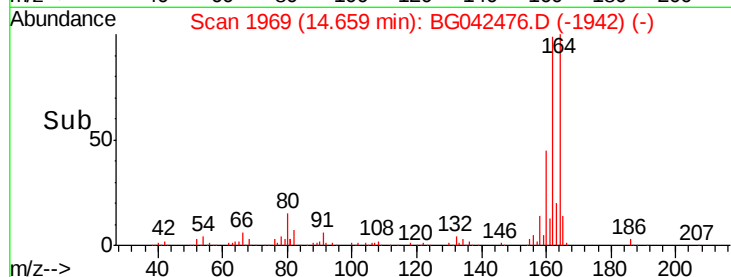
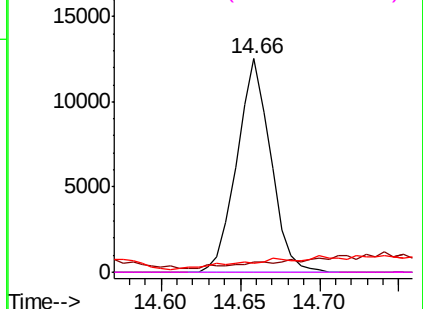
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

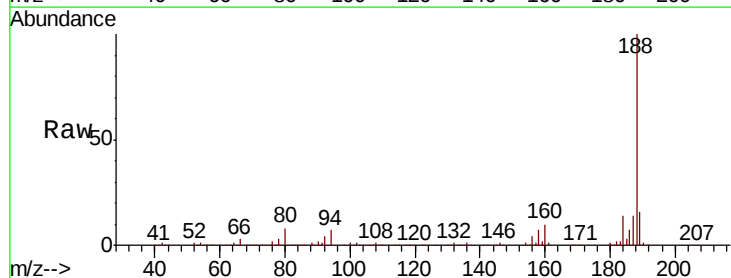
Ion 89.00 (88.70 to 89.70): BGC

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: BG042476.D
Acq: 25 Aug 2019 13:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	4.5	6.7#
80	7.6	4.9	7.3#

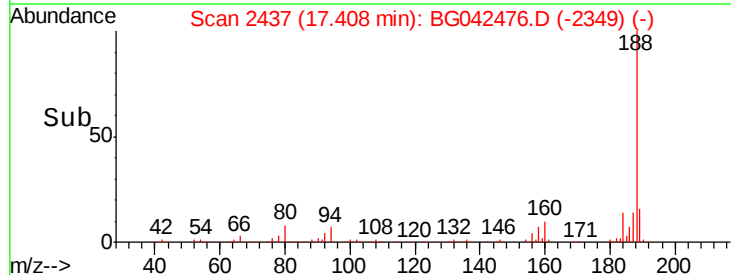
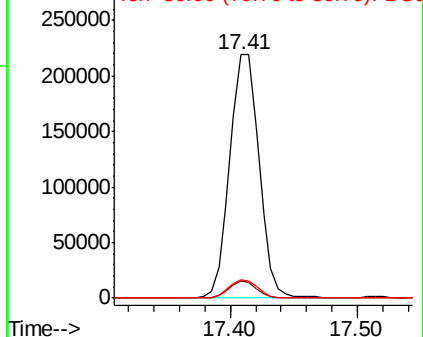


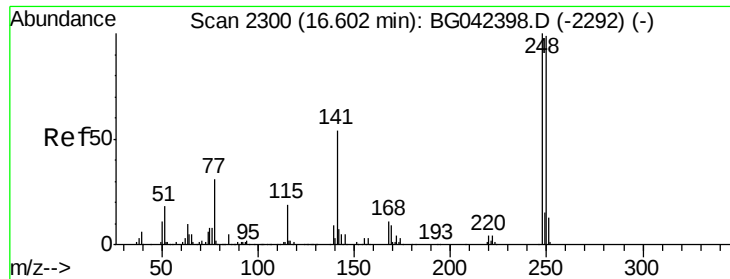
Abundance

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

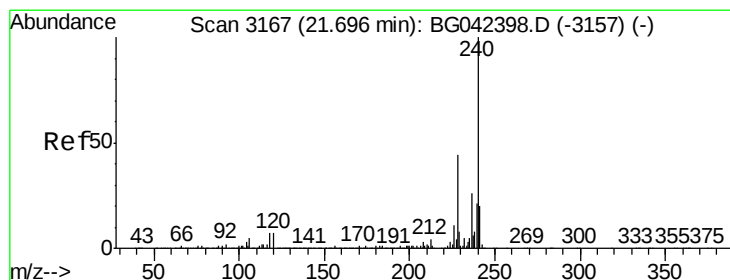
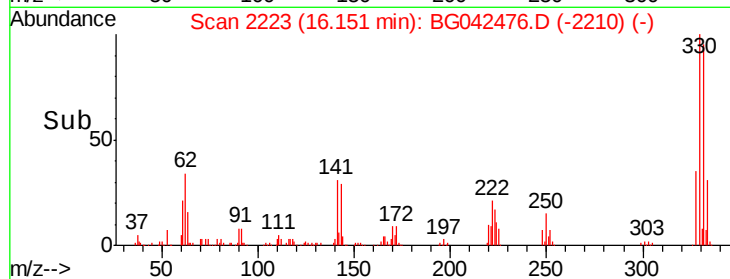
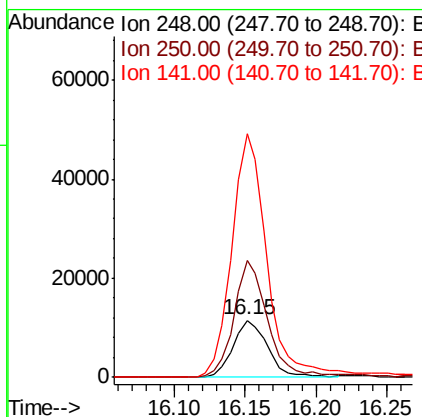
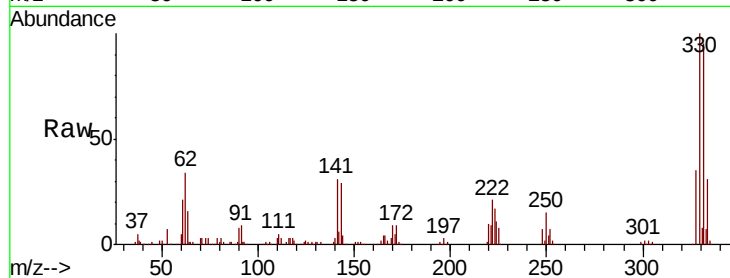




#67
 4-Bromophenyl-phenylether
 Concen: 4.469 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042476.D
 Acq: 25 Aug 2019 13:52

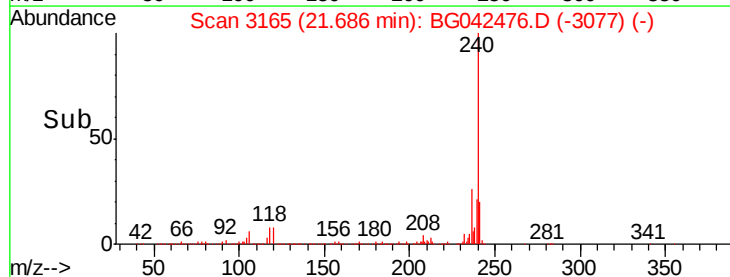
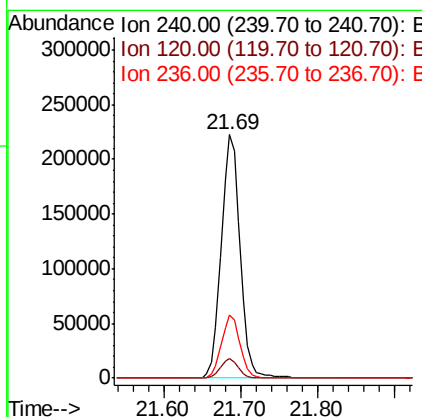
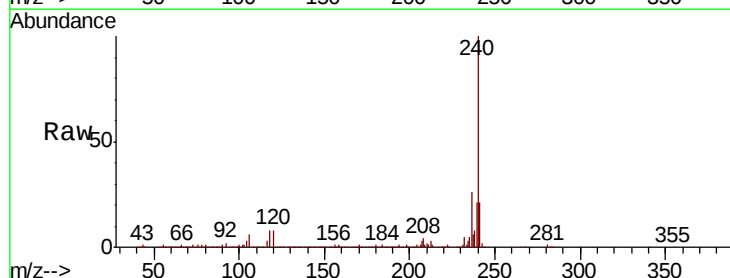
Instrument :
 BNA_G
 ClientSampleId :

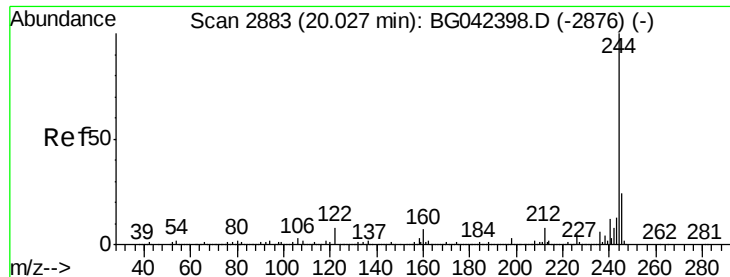
Tot Ion	Ratio	Lower	Upper
248	100		
250	206.2	78.9	118.3#
141	429.0	43.3	64.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042476.D
 Acq: 25 Aug 2019 13:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.7	8.5
236	25.9	21.0	31.4





#79

Terphenyl-d14

Concen: 80.577 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042476.D

Acq: 25 Aug 2019 13:52

Instrument :

BNA_G

ClientSampleId :

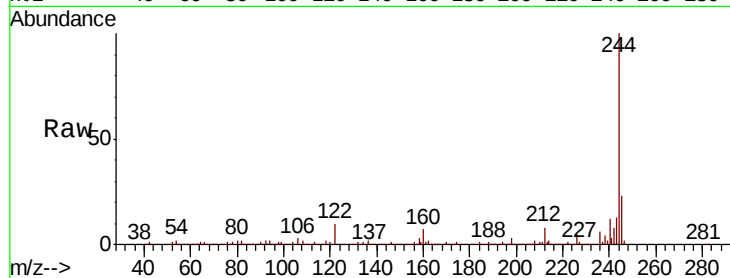
Tot Ion:244 Resp: 1403164

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

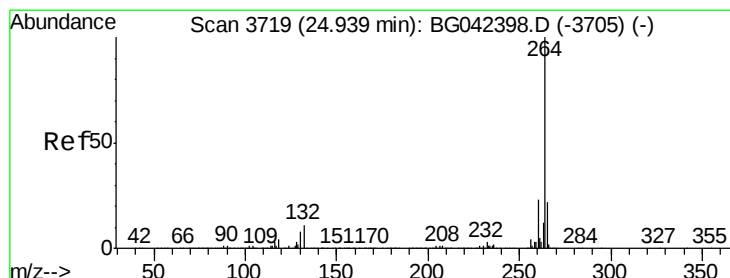
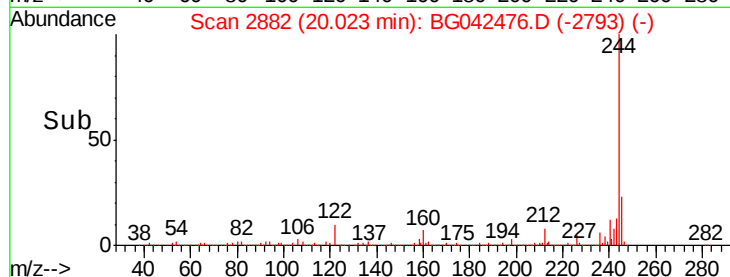
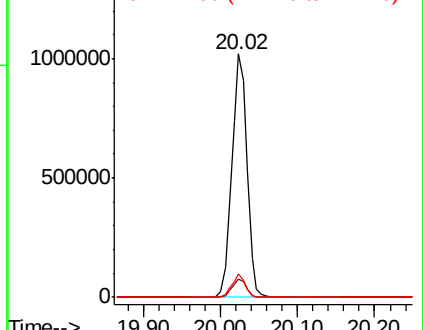
122 9.6 6.7 10.1



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: BG042476.D

Acq: 25 Aug 2019 13:52

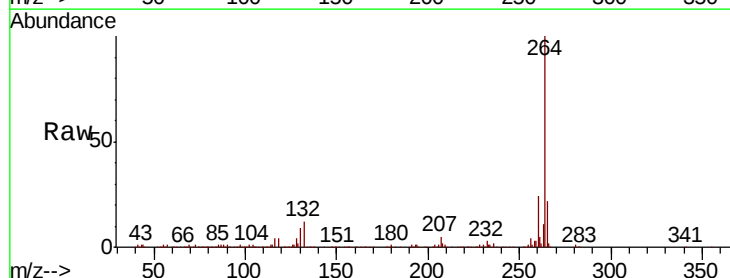
Tgt Ion:264 Resp: 434626

Ion Ratio Lower Upper

264 100

260 23.8 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

