

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042479.D
 Acq On : 25 Aug 2019 15:47
 Operator : HP/JU
 Sample : K4510-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:32:53 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

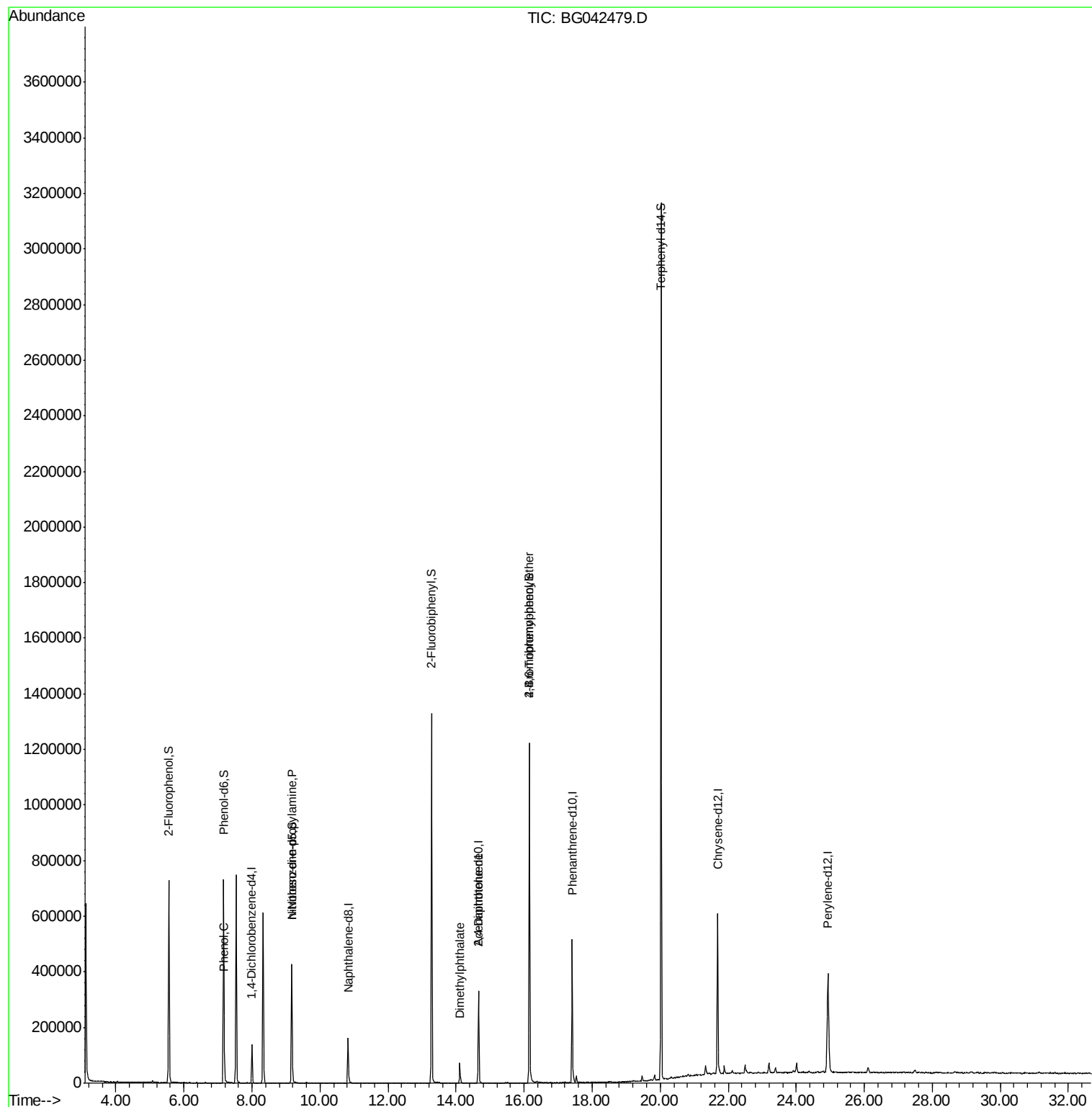
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	46450	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	182242	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	135831	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	354525	20.00	ng	0.00
76) Chrysene-d12	21.69	240	374676	20.00	ng	0.00
87) Perylene-d12	24.93	264	434669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	363229	158.37	ng	0.00
7) Phenol-d6	7.17	99	499910	161.37	ng	0.00
23) Nitrobenzene-d5	9.17	82	285301	108.18	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	312140	161.68	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	816138	101.62	ng	0.00
79) Terphenyl-d14	20.03	244	1565497	90.33	ng	0.00
Target Compounds						
10) Phenol	7.19	94	9381	2.978	ng	# 61
19) n-Nitroso-di-n-propylamine	9.17	70	36308	18.090	ng	# 75
50) Dimethylphthalate	14.11	163	70293	7.172	ng	# 99
57) 2,4-Dinitrotoluene	14.66	165	17314	5.322	ng	# 40
67) 4-Bromophenyl-phenylether	16.15	248	22206	4.938	ng	# 1

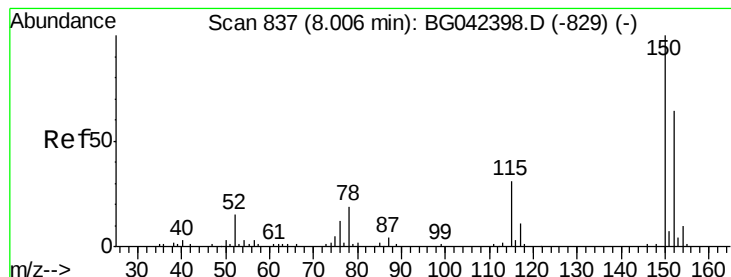
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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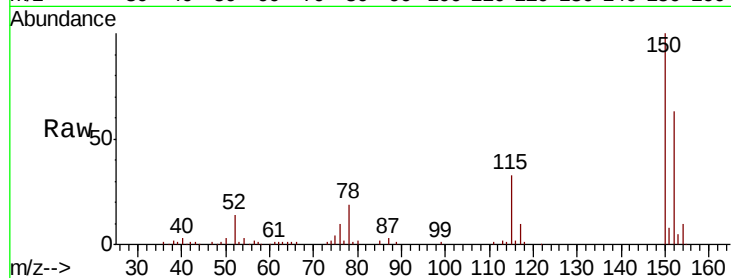


#1

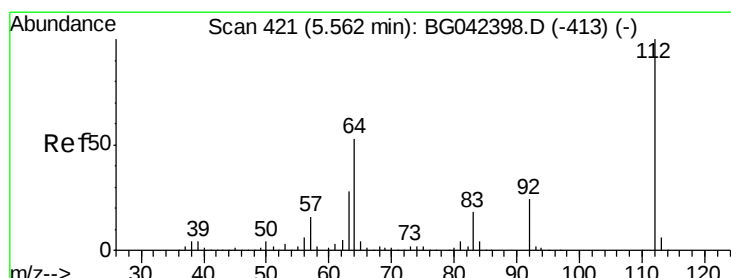
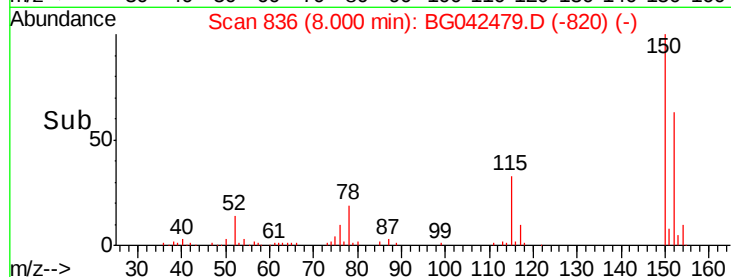
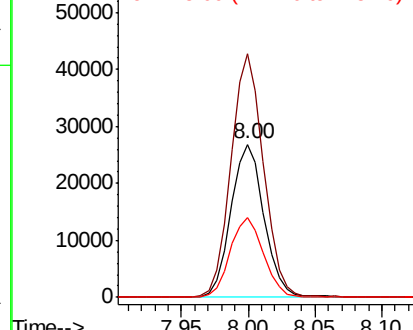
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 46450
Ion Ratio Lower Upper
152 100
150 159.3 125.4 188.0
115 51.8 38.5 57.7



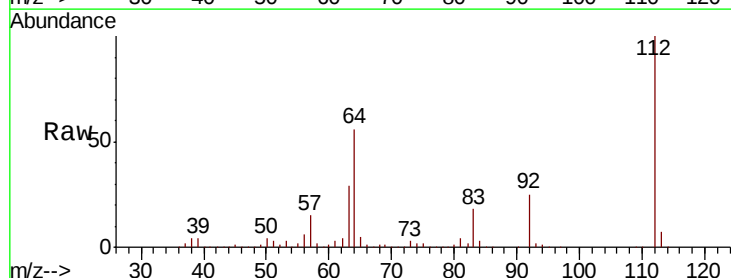
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



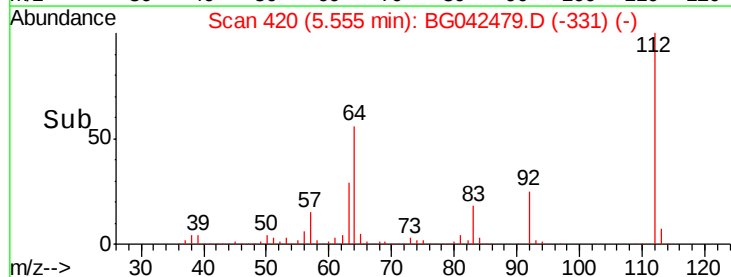
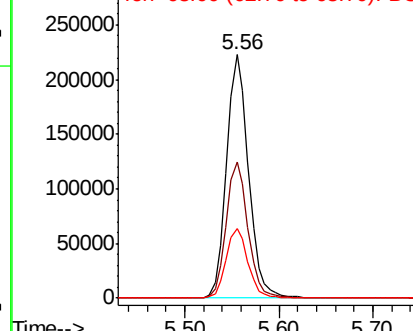
#5

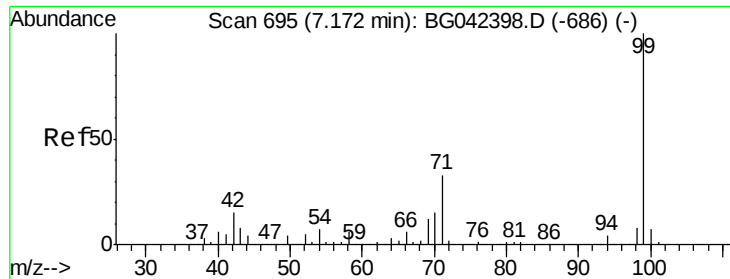
2-Fluorophenol
Concen: 158.373 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Tgt Ion:112 Resp: 363229
Ion Ratio Lower Upper
112 100
64 55.7 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: 161.366 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042479.D

Acq: 25 Aug 2019 15:47

Instrument :

BNA_G

ClientSampleId :

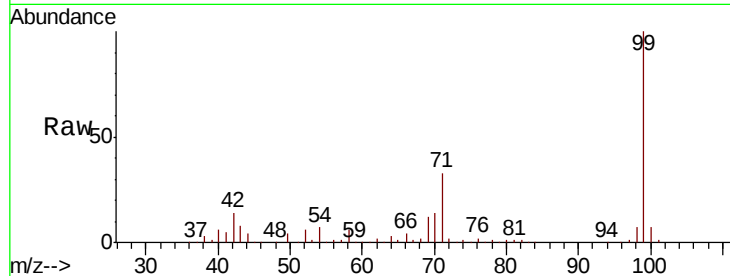
Tot Ion: 99 Resp: 499910

Ion Ratio Lower Upper

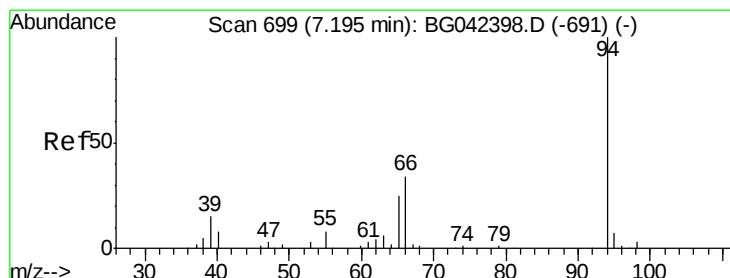
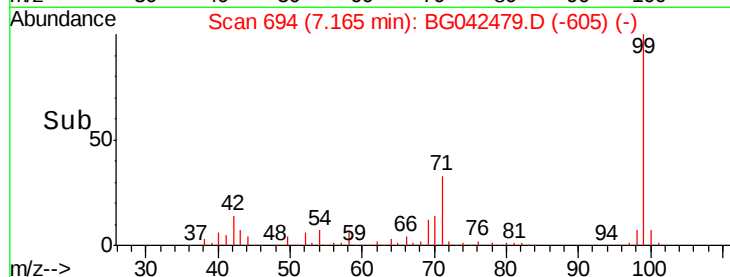
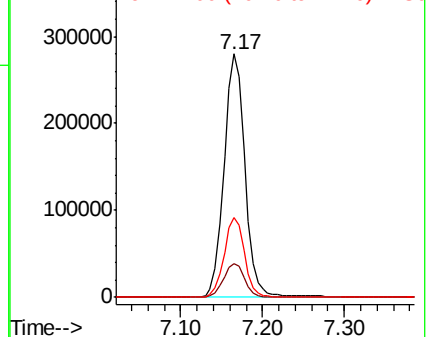
99 100

42 14.1 12.0 18.0

71 32.6 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: 2.978 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042479.D

Acq: 25 Aug 2019 15:47

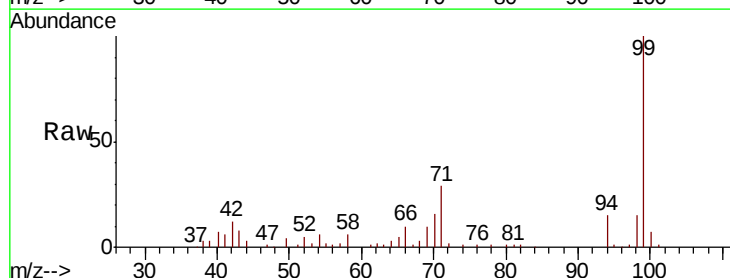
Tgt Ion: 94 Resp: 9381

Ion Ratio Lower Upper

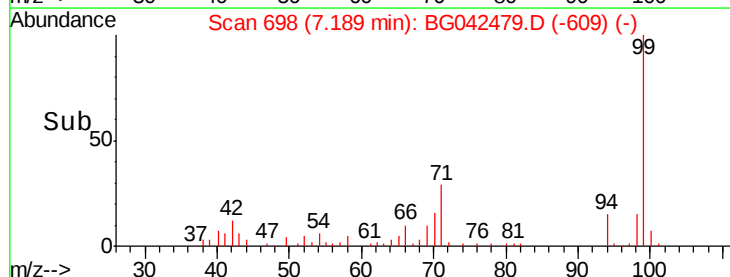
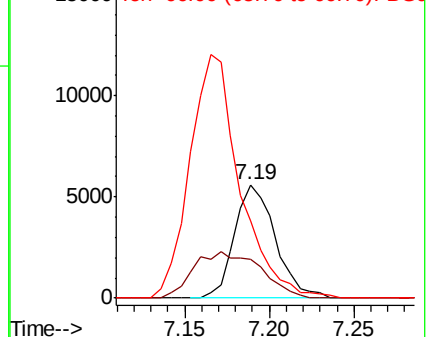
94 100

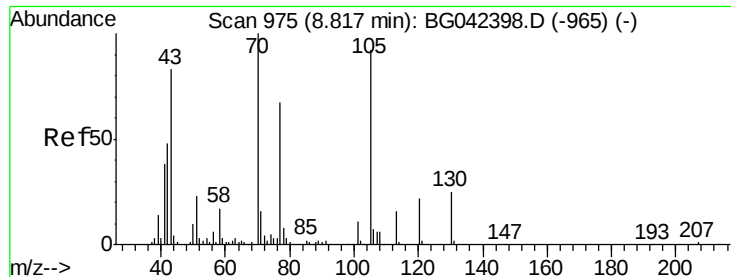
65 33.9 5.6 45.6

66 68.0 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

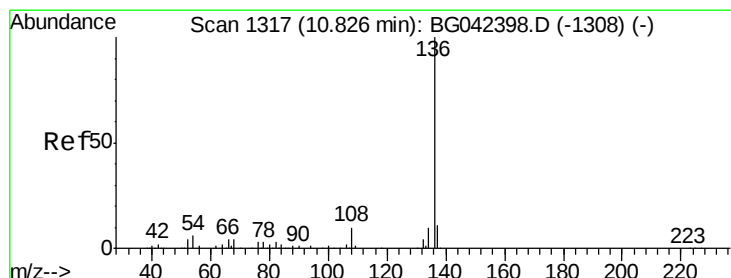
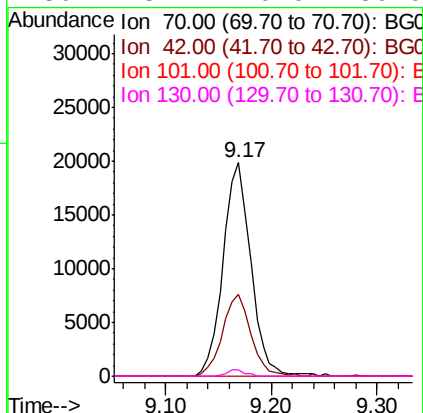
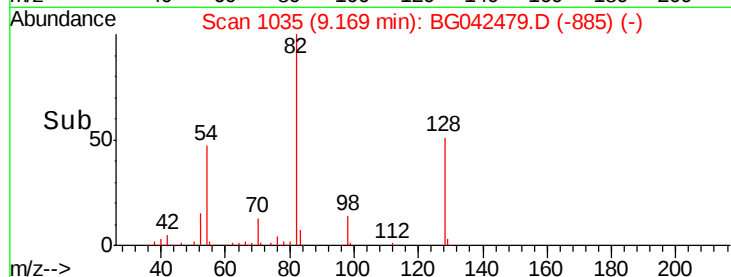
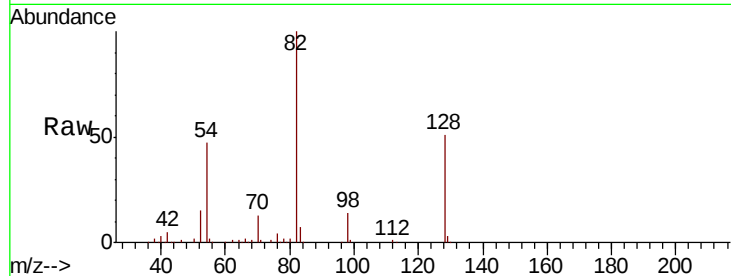




#19
n-Nitroso-di-n-propylamine
Concen: 18.090 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

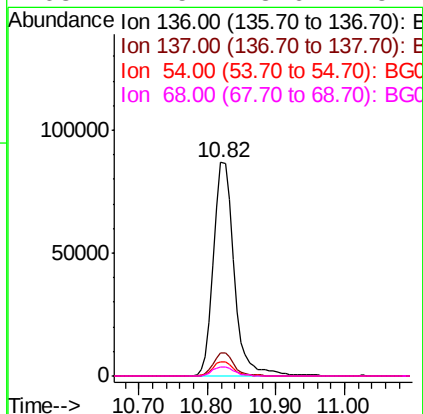
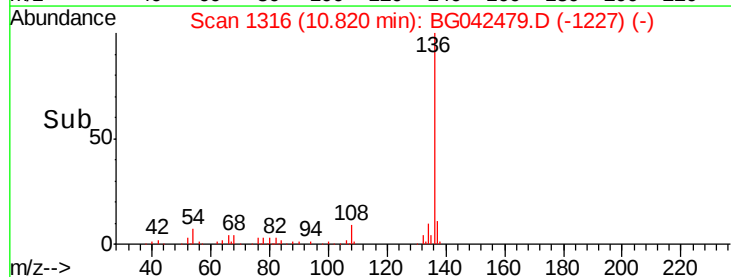
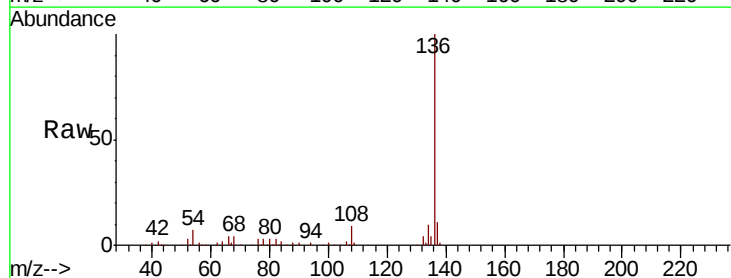
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 36308
Ion Ratio Lower Upper
70 100
42 38.6 38.8 58.2#
101 0.0 9.0 13.6#
130 3.1 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: BG042479.D
Acq: 25 Aug 2019 15:47

Tgt Ion: 136 Resp: 182242
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.9 4.9 7.3
68 4.5 3.6 5.4

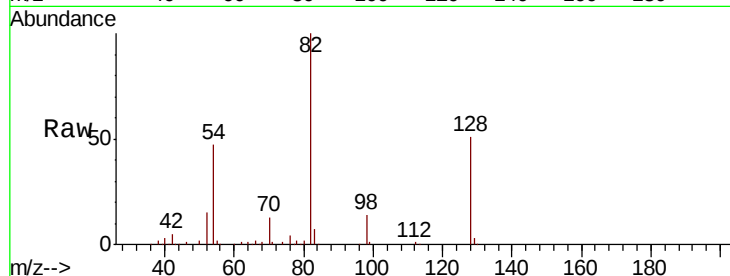




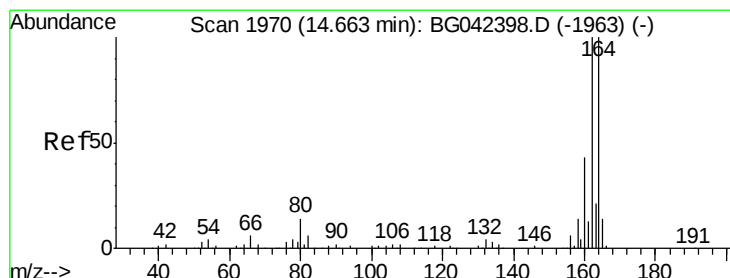
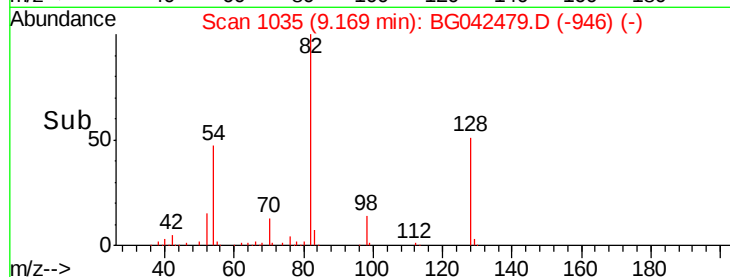
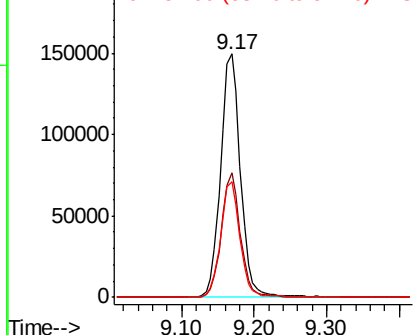
#23
Nitrobenzene-d5
Concen: 108.183 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	285301
Ion Ratio	100	Lower	Upper
128	51.3	40.7	61.1
54	47.4	36.3	54.5

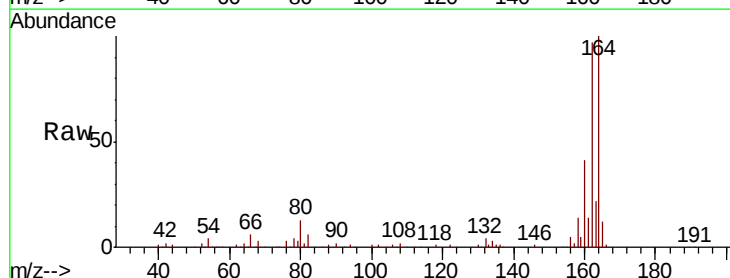


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

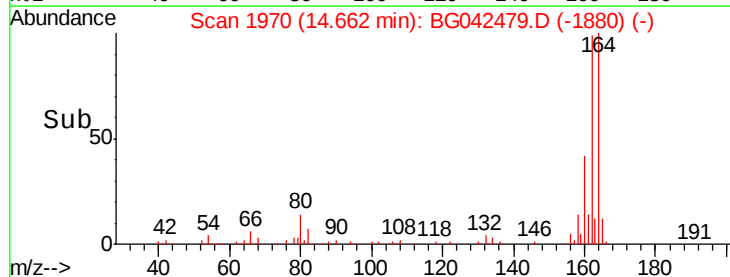
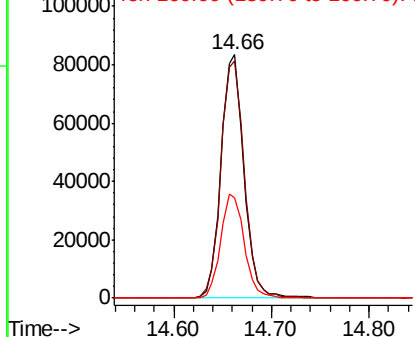


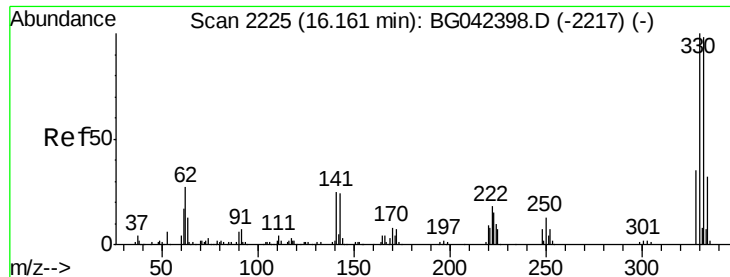
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Tgt Ion	164	Resp	135831
Ion Ratio	100	Lower	Upper
162	97.5	79.9	119.9
160	41.0	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

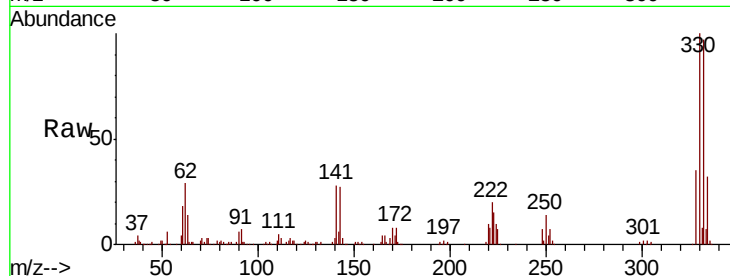




#42
 2,4,6-Tribromophenol
 Concen: 161.679 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042479.D
 Acq: 25 Aug 2019 15:47

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	29.3	21.4	32.0

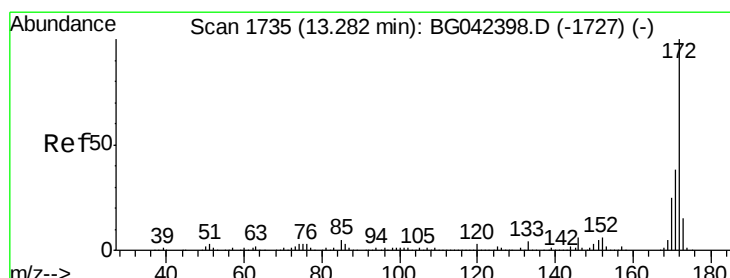
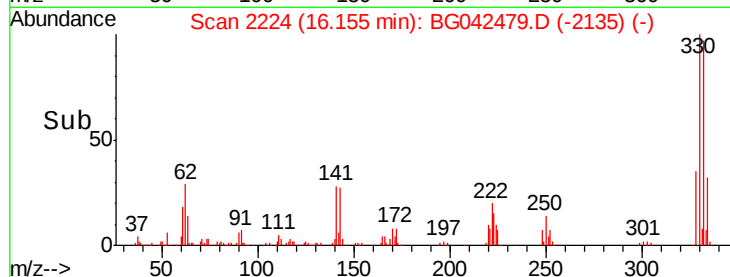
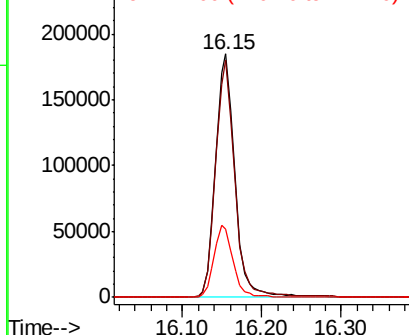


Abundance

Ion 329.80 (329.50 to 330.50): E

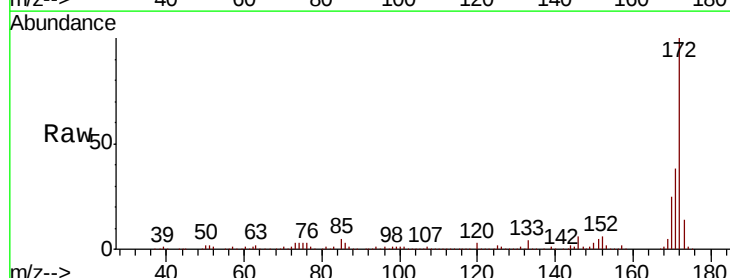
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 101.621 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042479.D
 Acq: 25 Aug 2019 15:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.0	20.2	30.2

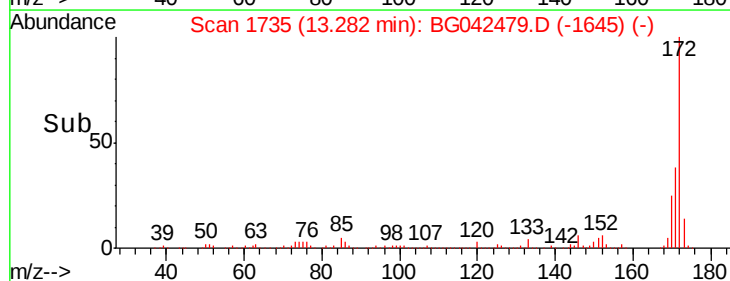
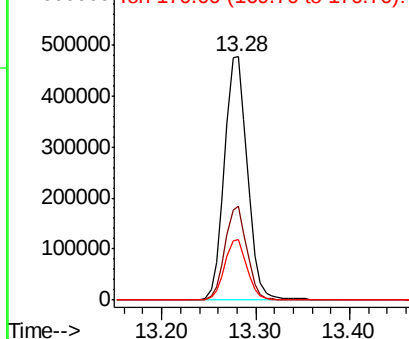


Abundance

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

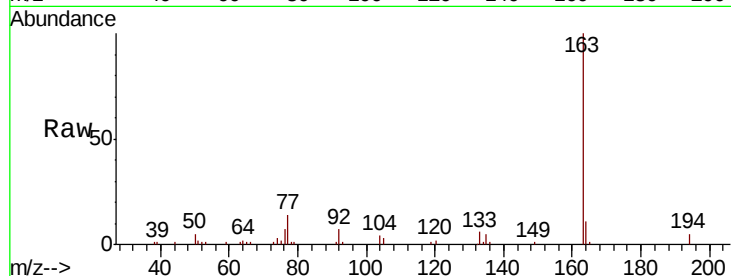




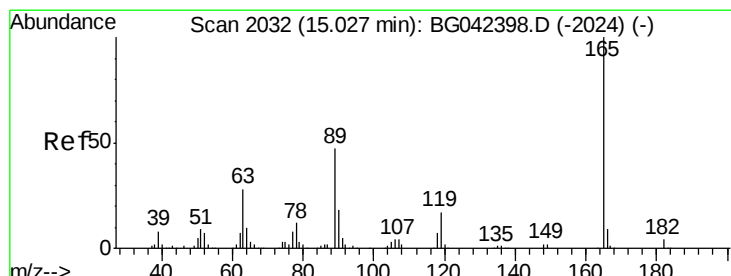
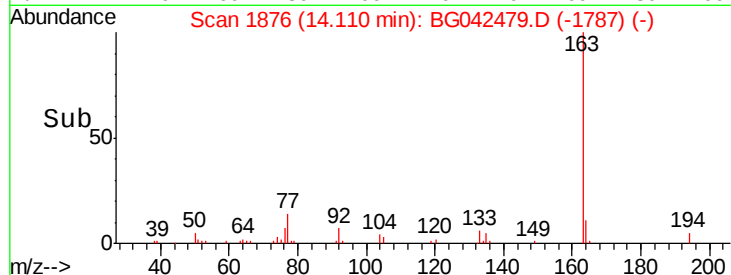
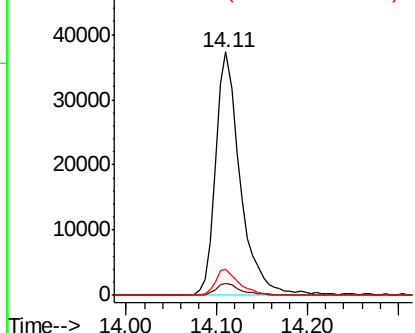
#50
Dimethylphthalate
Concen: 7.172 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 70293
Ion Ratio Lower Upper
163 100
194 4.8 4.2 6.2
164 10.8 8.8 13.2

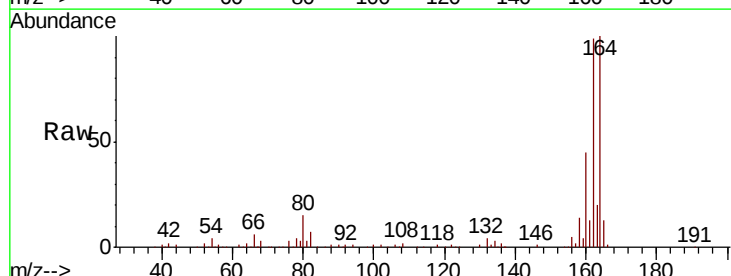


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

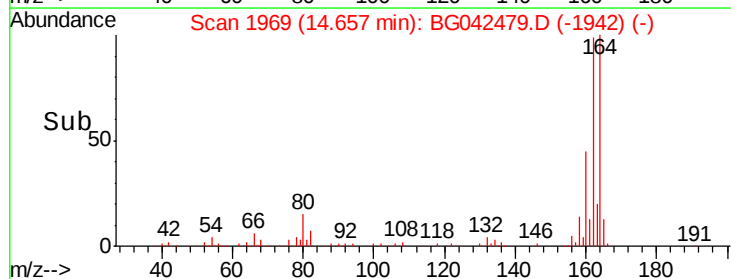
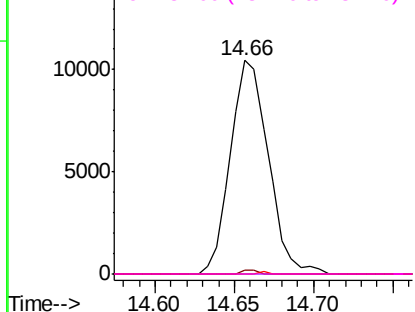


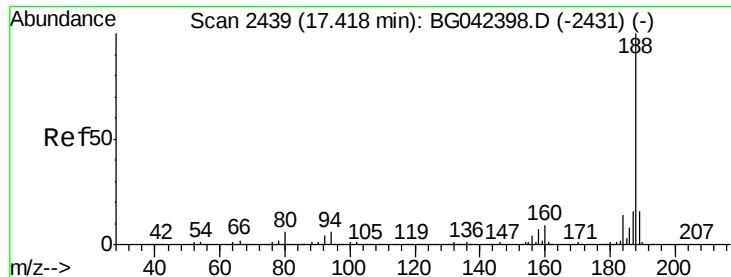
#57
2,4-Dinitrotoluene
Concen: 5.322 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042479.D
Acq: 25 Aug 2019 15:47

Tgt Ion:165 Resp: 17314
Ion Ratio Lower Upper
165 100
63 1.9 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

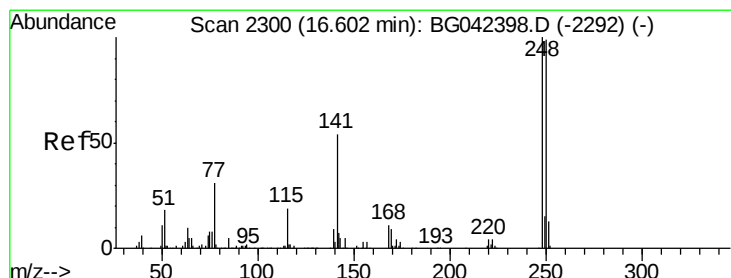
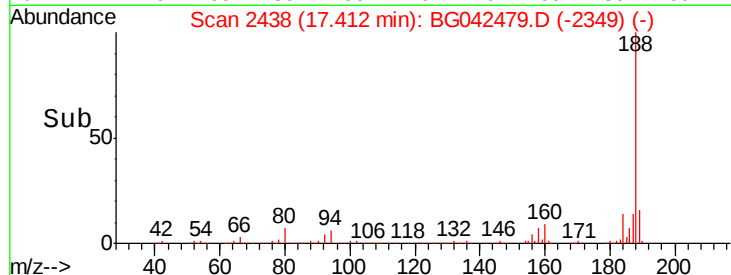
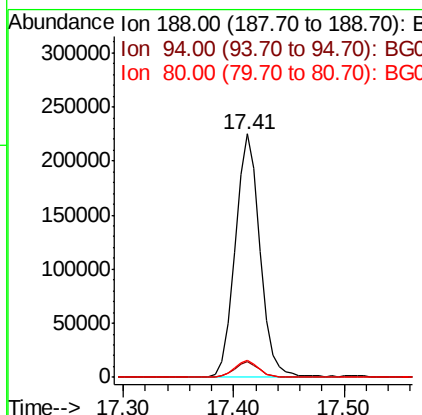
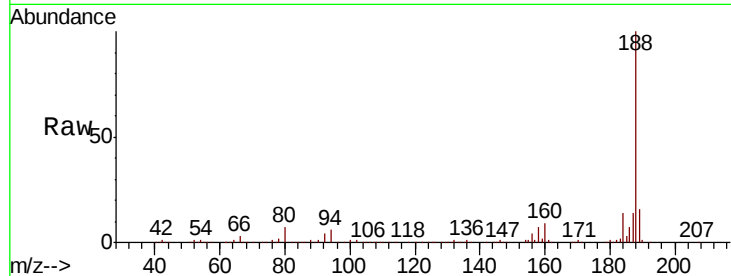




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042479.D
 Acq: 25 Aug 2019 15:47

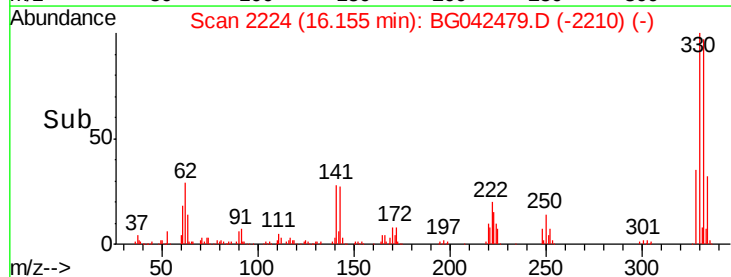
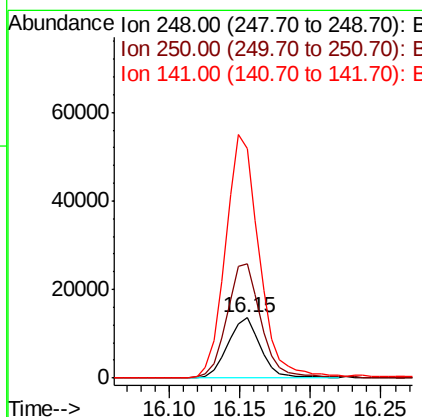
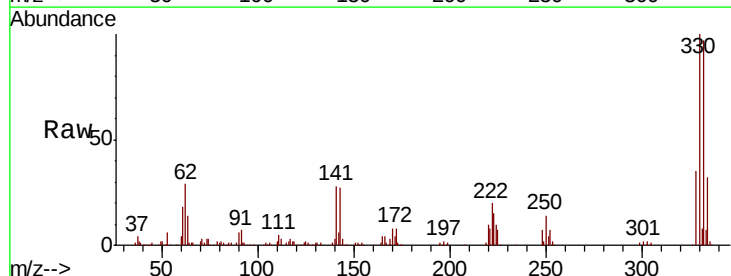
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 354525
 Ion Ratio Lower Upper
 188 100
 94 6.3 4.5 6.7
 80 7.1 4.9 7.3



#67
 4-Bromophenyl-phenylether
 Concen: 4.938 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG042479.D
 Acq: 25 Aug 2019 15:47

Tgt Ion:248 Resp: 22206
 Ion Ratio Lower Upper
 248 100
 250 190.0 78.9 118.3#
 141 383.0 43.3 64.9#

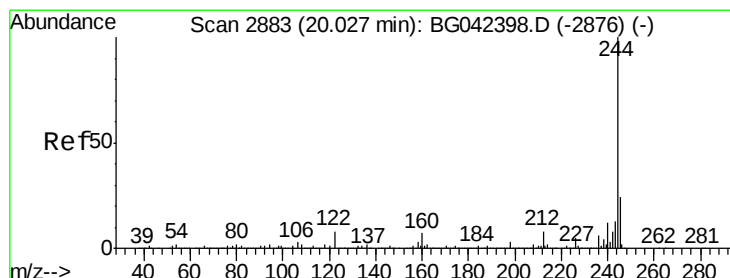
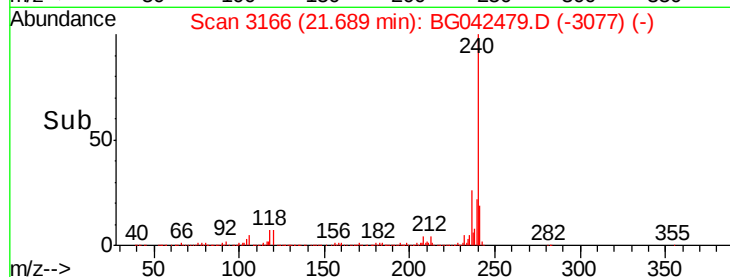
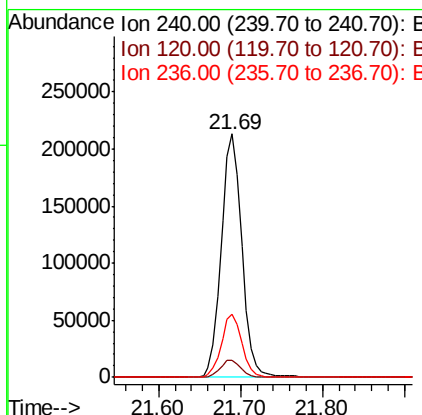
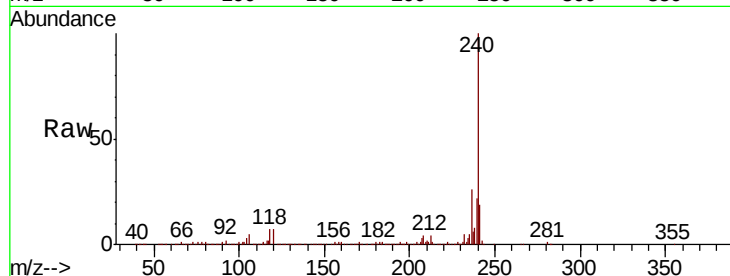




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042479.D
 Acq: 25 Aug 2019 15:47

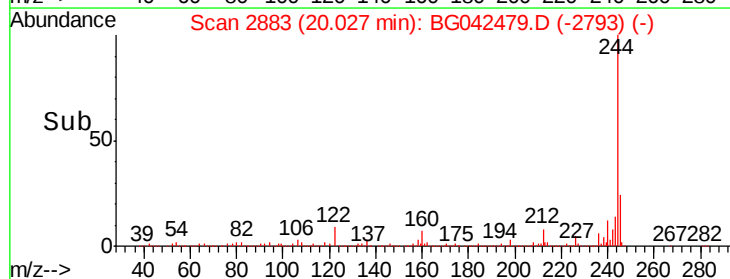
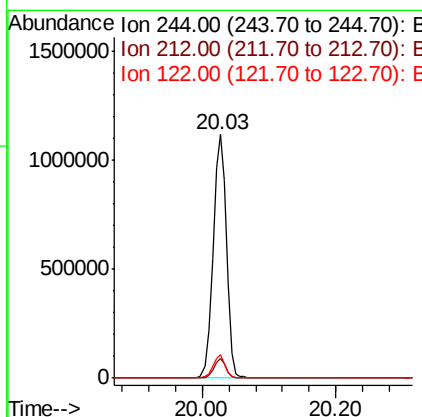
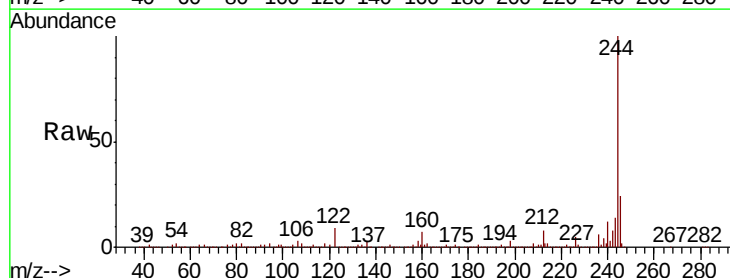
Instrument :
 BNA_G
 ClientSampled :

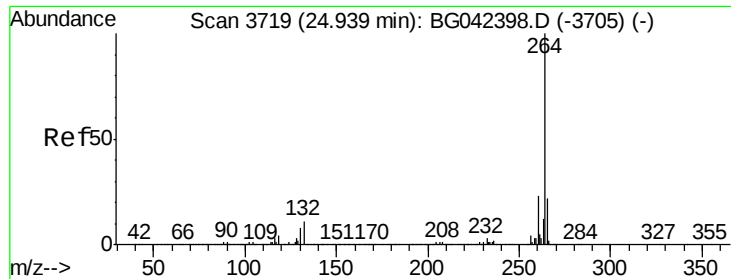
Tot Ion:240 Resp: 374676
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.7 8.5
 236 25.8 21.0 31.4



#79
 Terphenyl-d14
 Concen: 90.331 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG042479.D
 Acq: 25 Aug 2019 15:47

Tgt Ion:244 Resp: 1565497
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 9.4 6.7 10.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042479.D
 Acq: 25 Aug 2019 15:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.3	17.6	26.4

