

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042545.D
 Acq On : 28 Aug 2019 23:10
 Operator : HP/JU
 Sample : K4536-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 06:00:35 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

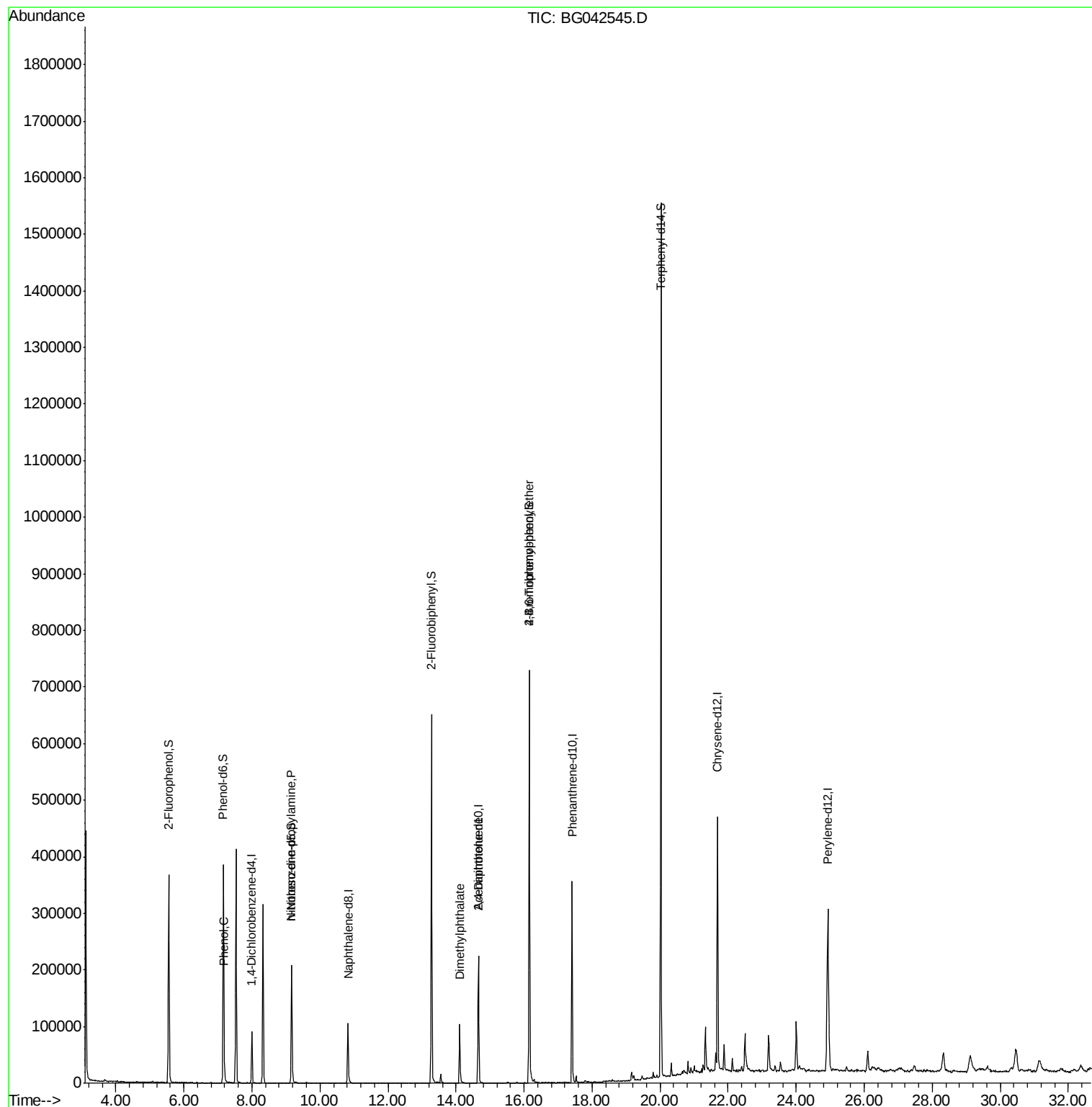
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	31508	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	119390	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95771	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	254707	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	296893	20.00	ng	-0.01
87) Perylene-d12	24.93	264	353021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	194942	125.31	ng	-0.01
7) Phenol-d6	7.16	99	258972	123.24	ng	-0.01
23) Nitrobenzene-d5	9.16	82	146315	84.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	198033	145.48	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	403062	71.18	ng	0.00
79) Terphenyl-d14	20.02	244	856982	62.40	ng	0.00
Target Compounds						
10) Phenol	7.18	94	6078	2.845	ng	# 62
19) n-Nitroso-di-n-propylamine	9.16	70	18626	13.681	ng	# 75
50) Dimethylphthalate	14.11	163	105091	15.208	ng	97
57) 2,4-Dinitrotoluene	14.66	165	12060	5.258	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13108	4.057	ng	# 1

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

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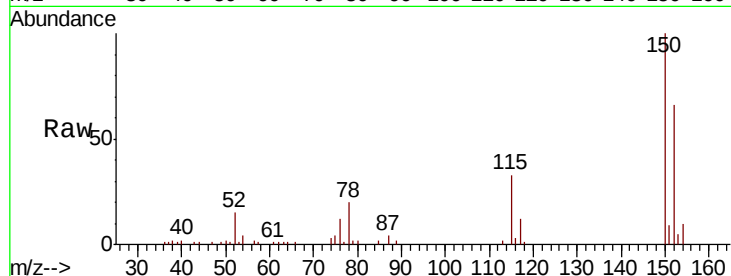


#1

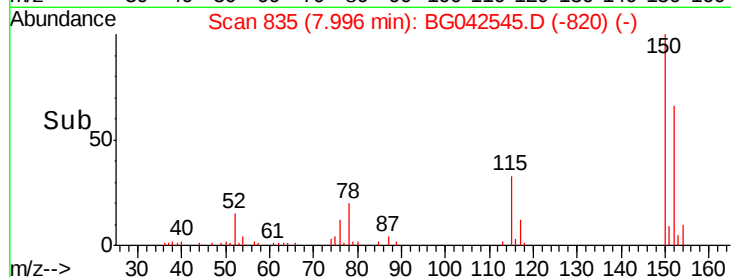
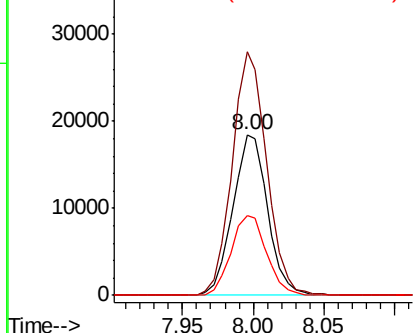
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042545.D
Acq: 28 Aug 2019 23:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31508
Ion Ratio Lower Upper
152 100
150 151.6 125.4 188.0
115 49.6 38.5 57.7



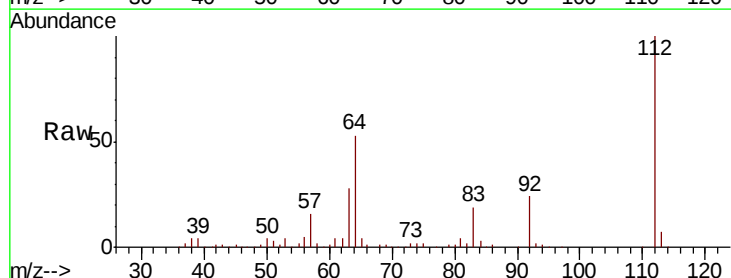
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



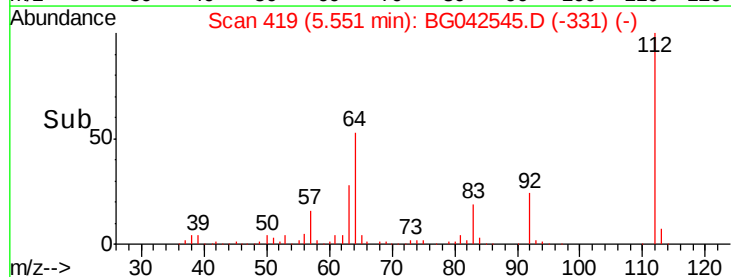
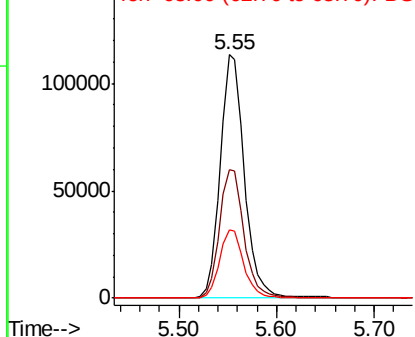
#5

2-Fluorophenol
Concen: 125.306 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042545.D
Acq: 28 Aug 2019 23:10

Tgt Ion:112 Resp: 194942
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 28.2 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: 123.236 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Instrument :

BNA_G

ClientSampled :

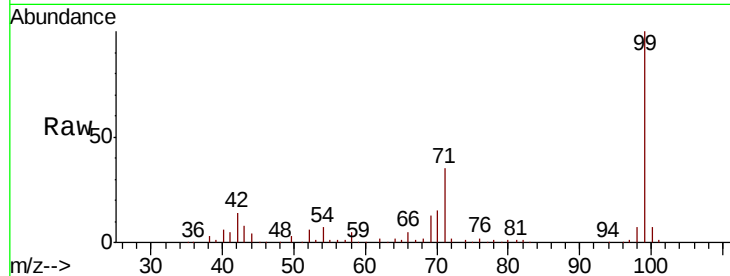
Tot Ion: 99 Resp: 258972

Ion Ratio Lower Upper

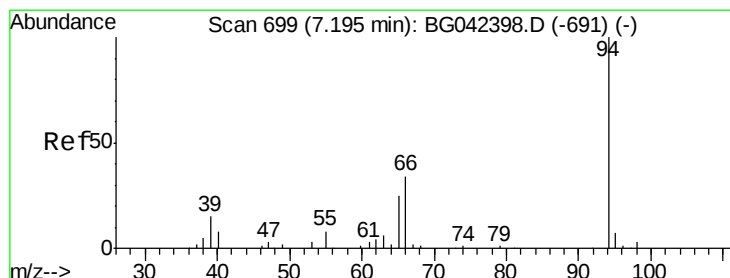
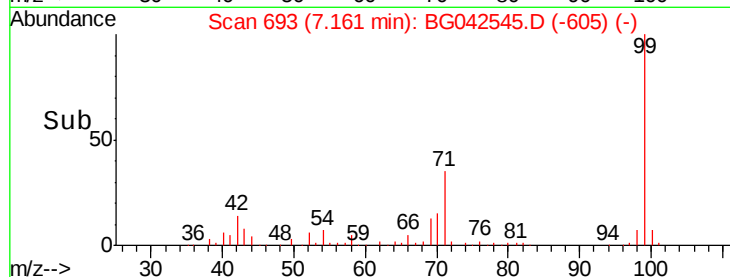
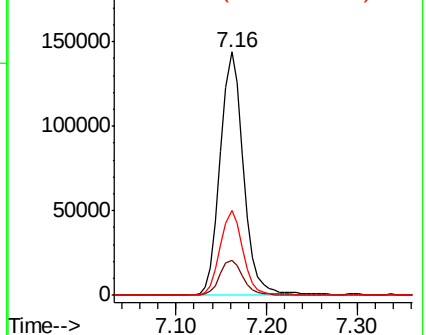
99 100

42 14.4 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: 2.845 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

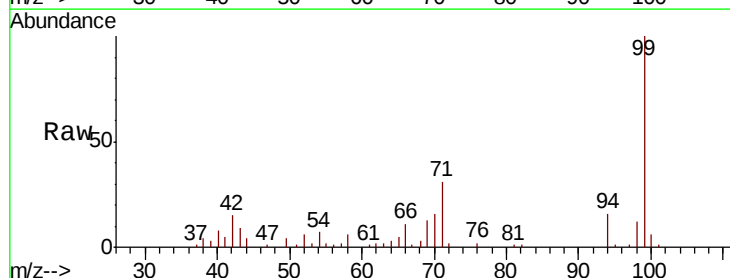
Tgt Ion: 94 Resp: 6078

Ion Ratio Lower Upper

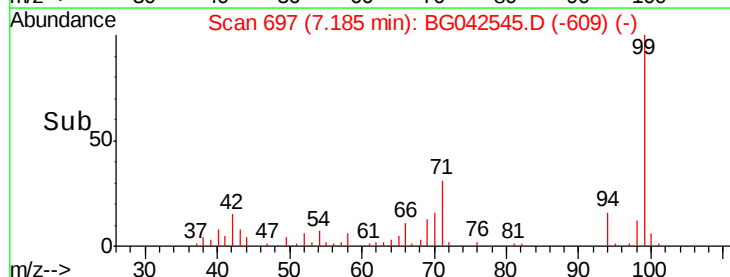
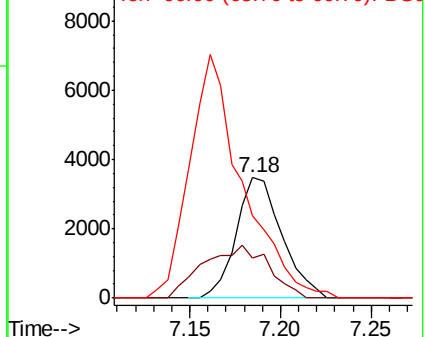
94 100

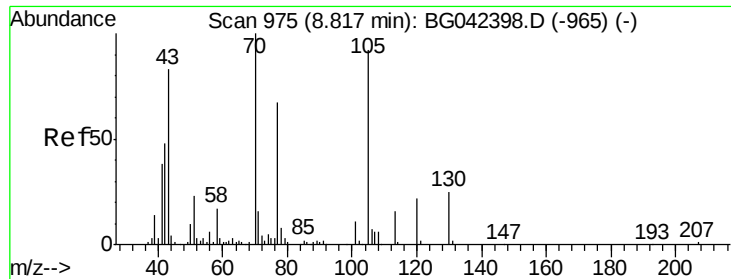
65 32.9 5.6 45.6

66 68.4 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: 13.681 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 18626

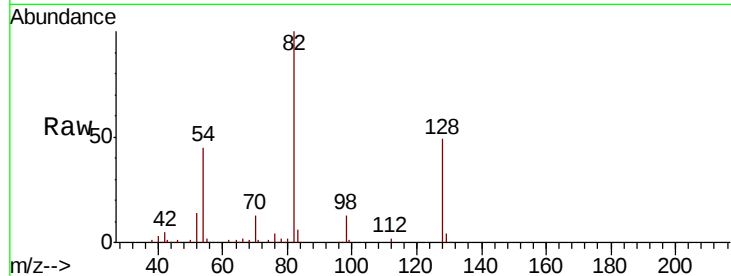
Ion Ratio Lower Upper

70 100

42 39.0 38.8 58.2

101 0.0 9.0 13.6#

130 2.6 20.0 30.0#

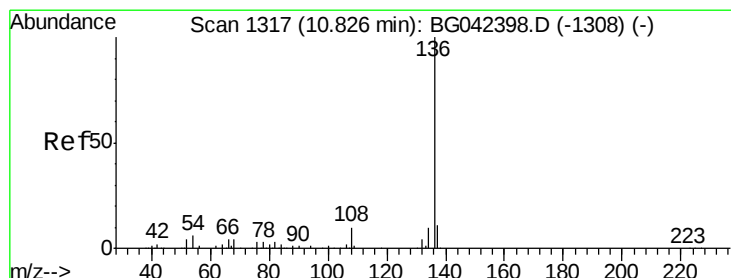
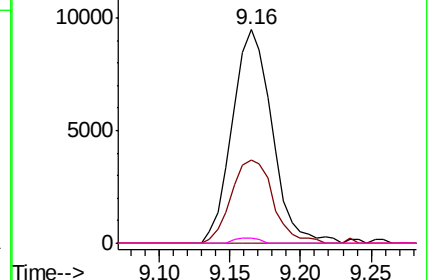
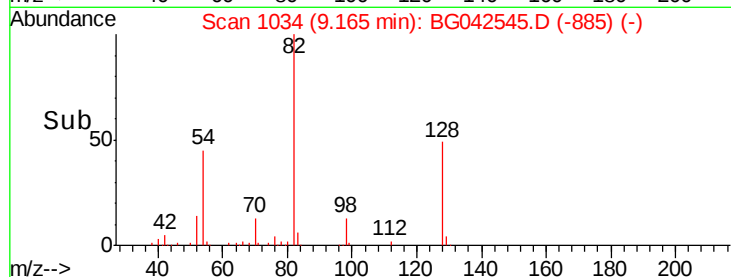


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG042545.D

Acq: 28 Aug 2019 23:10

Tgt Ion:136 Resp: 119390

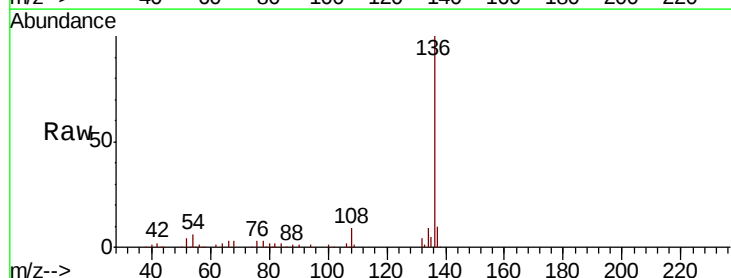
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.3 4.9 7.3

68 3.4 3.6 5.4#

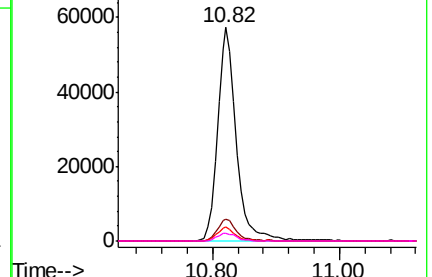
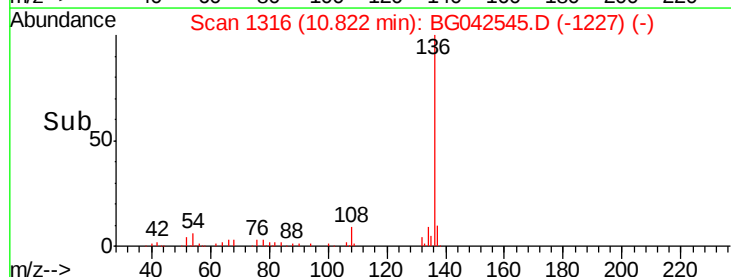


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

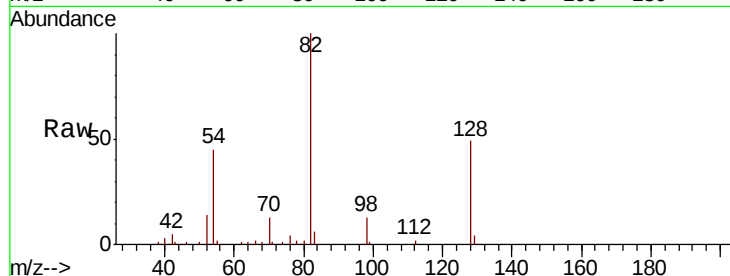




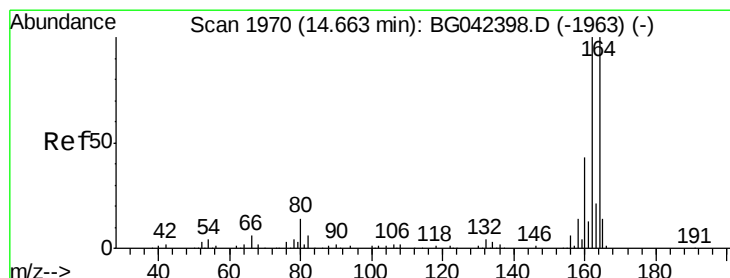
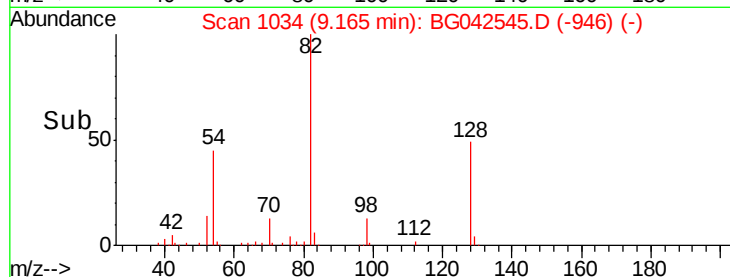
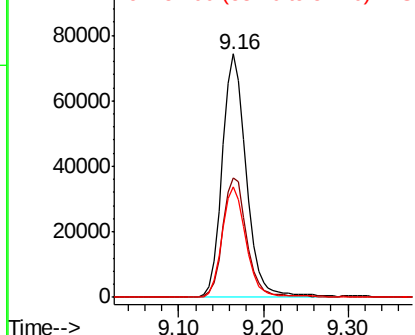
#23
Nitrobenzene-d5
Concen: 84.688 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042545.D
Acq: 28 Aug 2019 23:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	146315
Ion Ratio	100	Lower	Upper
128	49.3	40.7	61.1
54	45.5	36.3	54.5

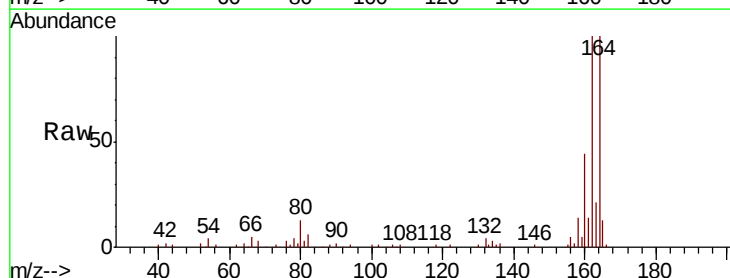


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

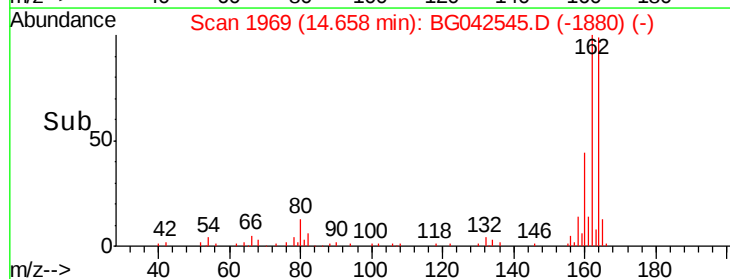
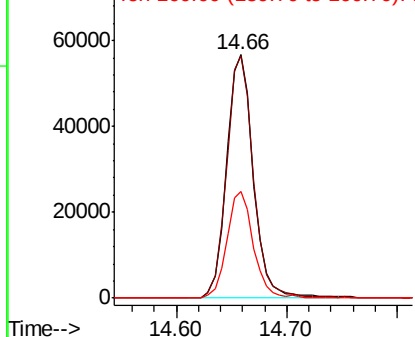


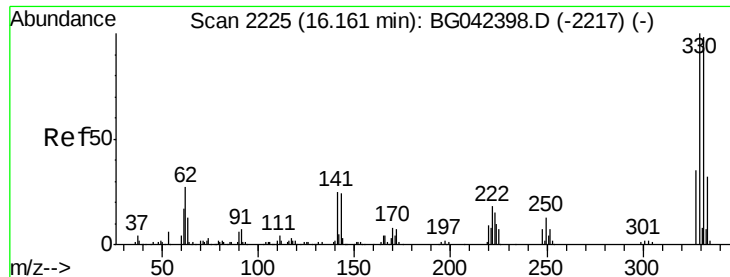
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042545.D
Acq: 28 Aug 2019 23:10

Tgt Ion	164	Resp	95771
Ion Ratio	100	Lower	Upper
162	99.5	79.9	119.9
160	43.6	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

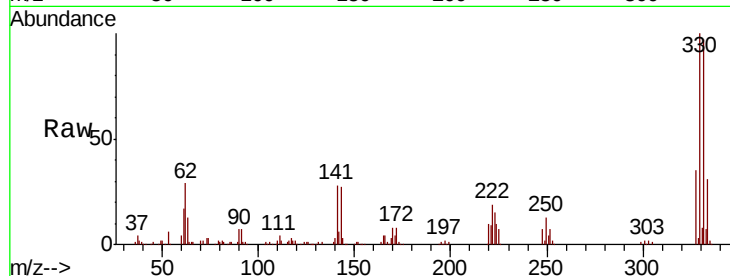




#42
 2,4,6-Tribromophenol
 Concen: 145.481 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	26.9	21.4	32.0

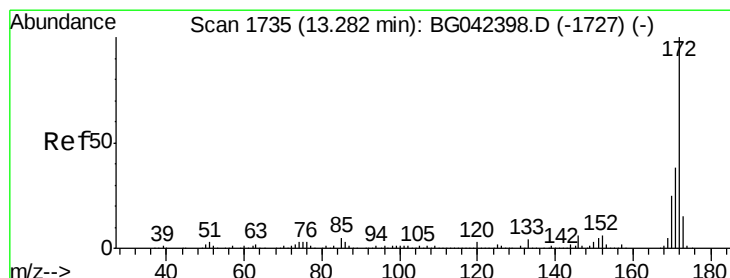
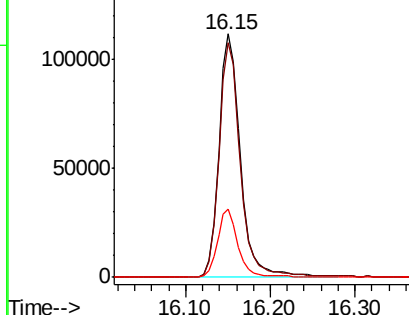
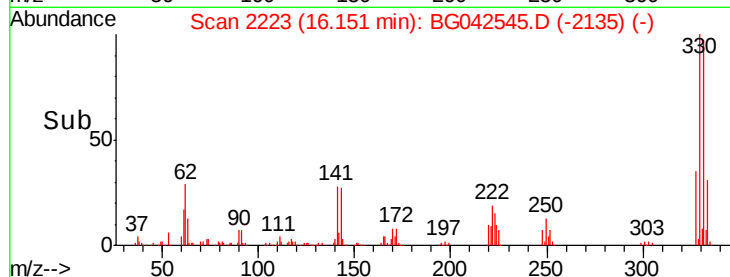


Abundance

Ion 329.80 (329.50 to 330.50): E

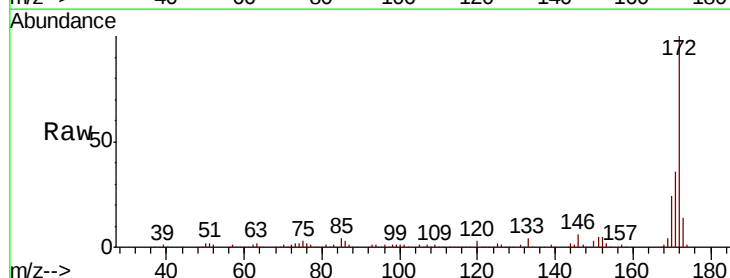
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.179 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.9	20.2	30.2

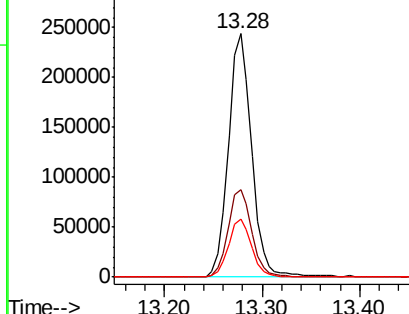
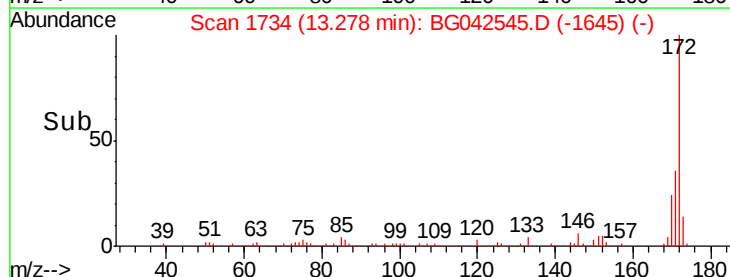


Abundance

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: 15.208 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Instrument :

BNA_G

ClientSampleId :

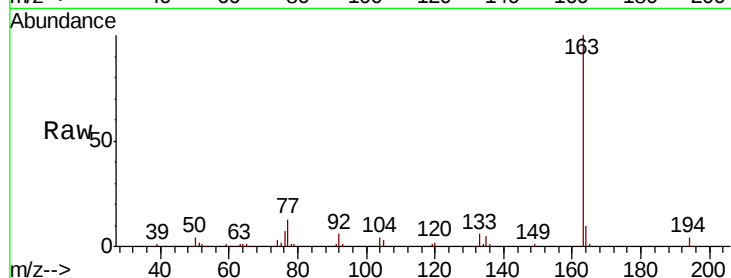
Tot Ion:163 Resp: 105091

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

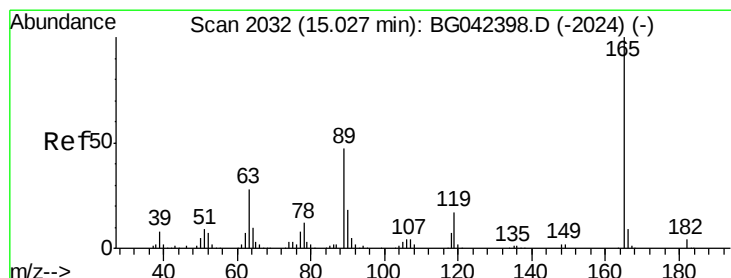
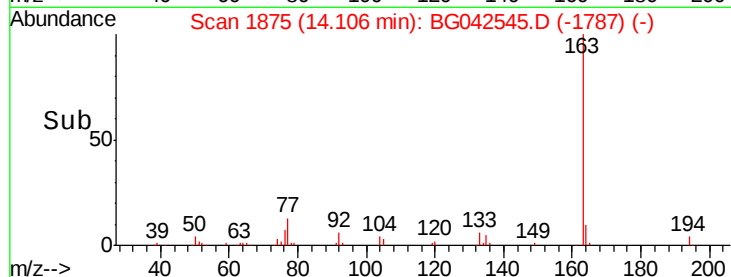
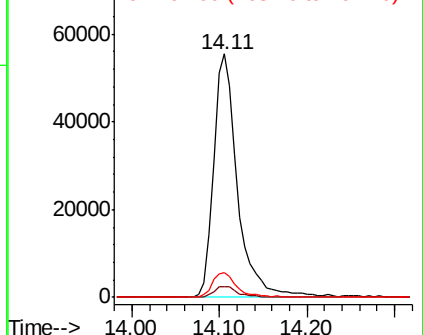
164 10.1 8.8 13.2



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: 5.258 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042545.D

Acq: 28 Aug 2019 23:10

Tgt Ion:165 Resp: 12060

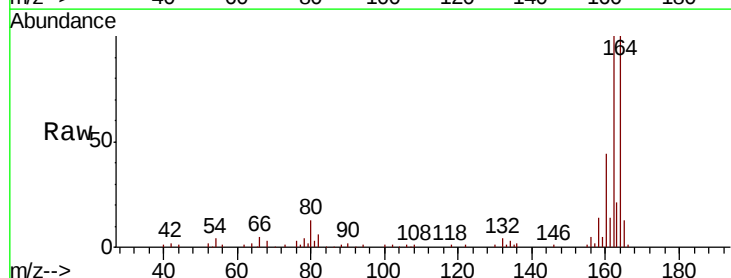
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

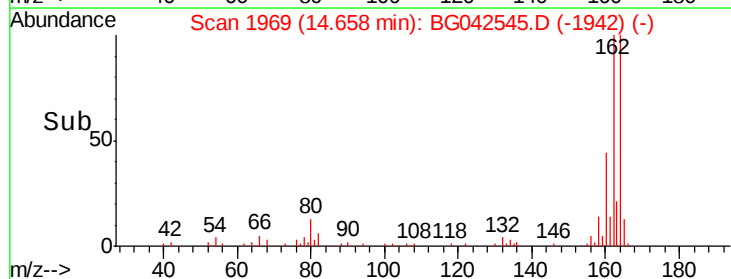
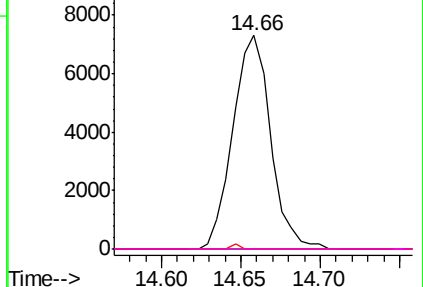


Abundance Ion 165.00 (164.70 to 165.70): E

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

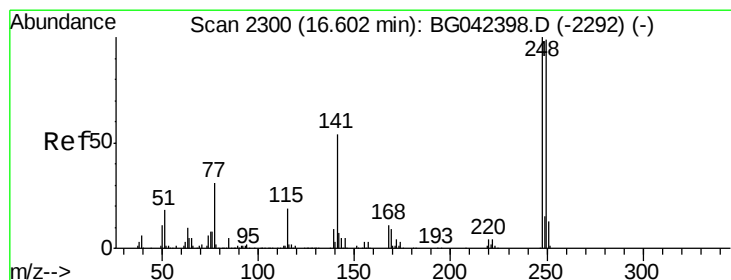
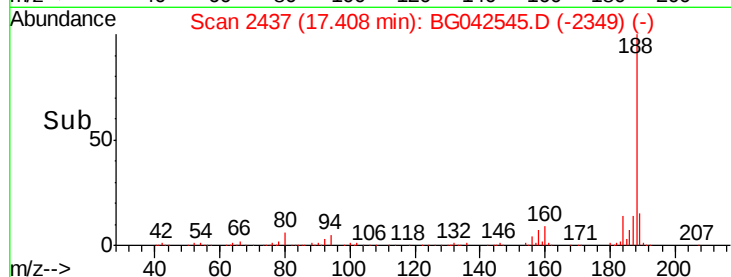
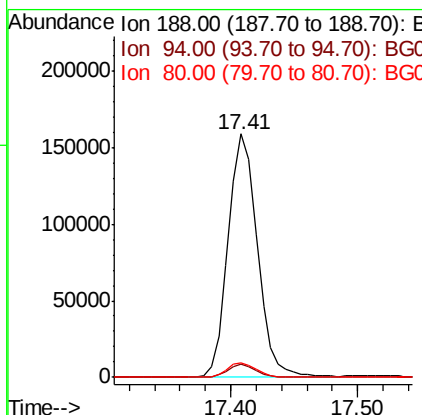
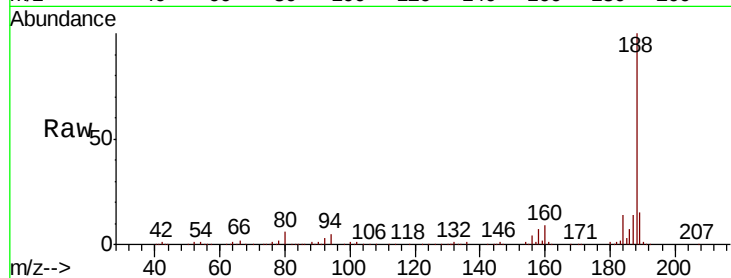




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

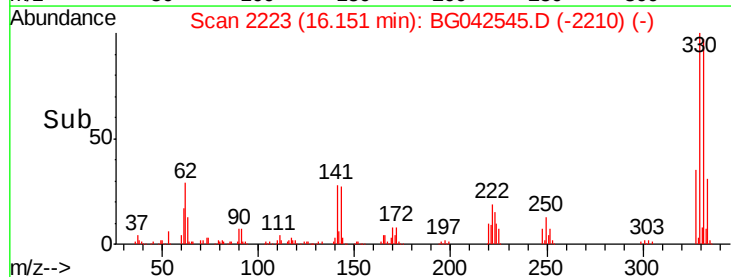
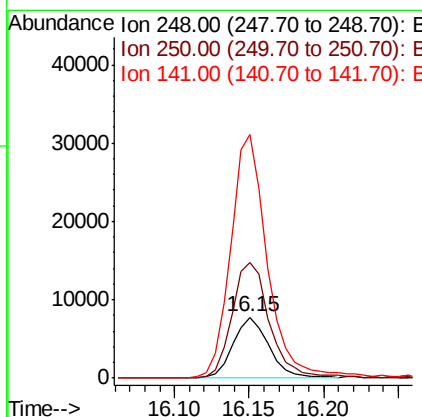
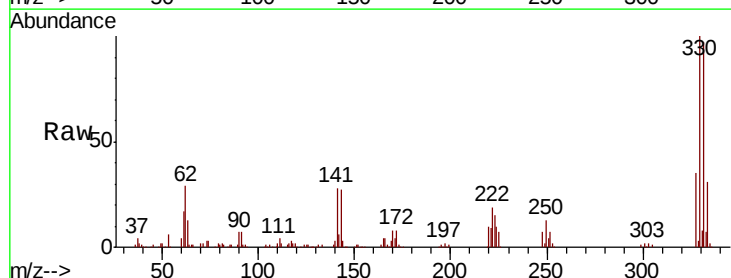
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 254707
 Ion Ratio Lower Upper
 188 100
 94 5.4 4.5 6.7
 80 6.1 4.9 7.3



#67
 4-Bromophenyl-phenylether
 Concen: 4.057 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

Tgt Ion:248 Resp: 13108
 Ion Ratio Lower Upper
 248 100
 250 189.5 78.9 118.3#
 141 398.9 43.3 64.9#

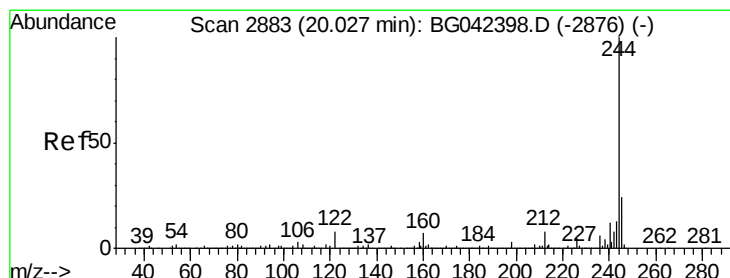
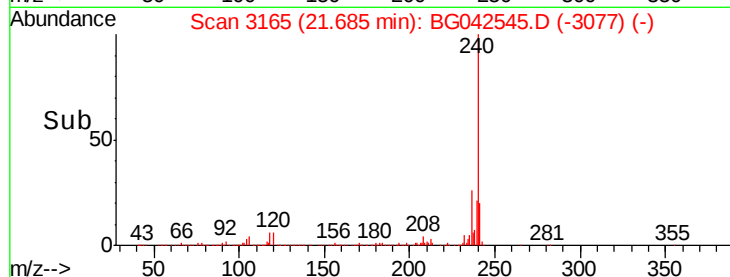
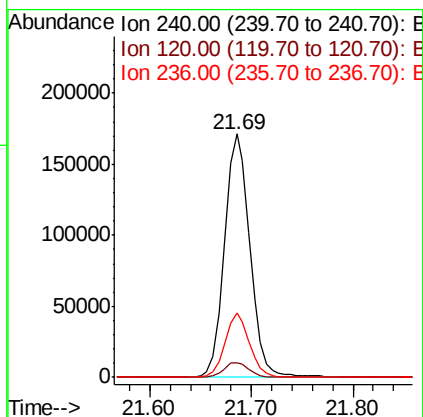
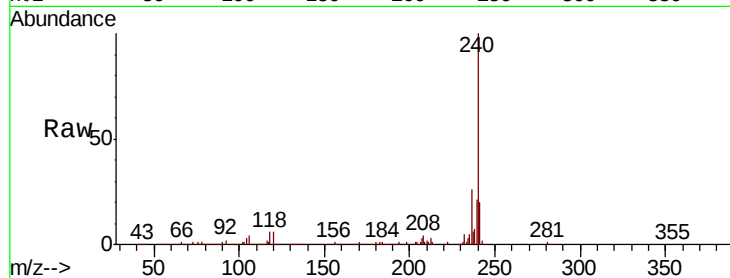




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

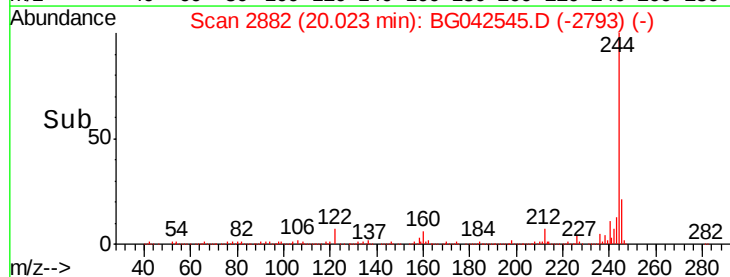
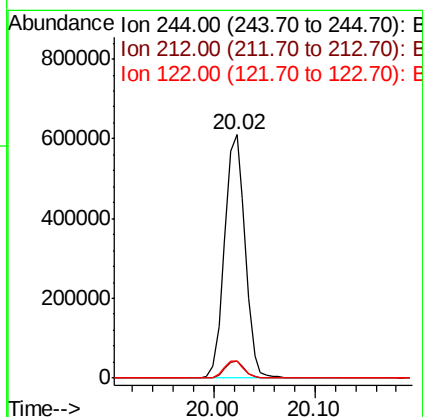
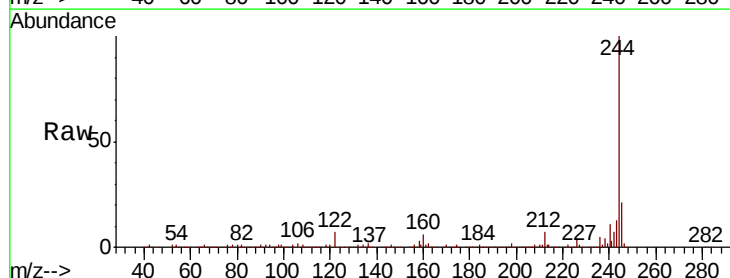
Instrument :
 BNA_G
 ClientSampleId :

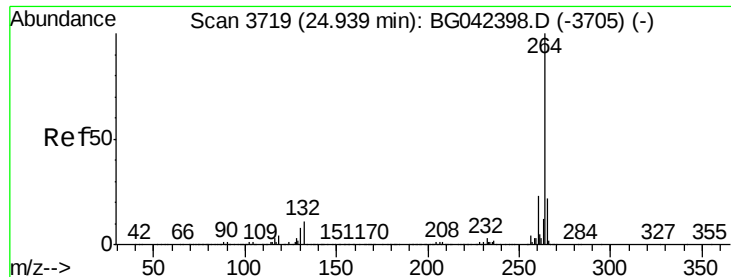
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	26.4	21.0	31.4



#79
 Terphenyl-d14
 Concen: 62.404 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	6.8	6.7	10.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042545.D
 Acq: 28 Aug 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.3	17.6	26.4

