

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042650.D
 Acq On : 1 Sep 2019 2:47
 Operator : HP/JU
 Sample : K4547-30
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-F

Quant Time: Sep 01 04:15:54 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	32587	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	122308	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	88104	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	208714	20.00	ng	0.00
76) Chrysene-d12	21.68	240	238792	20.00	ng	-0.02
87) Perylene-d12	24.92	264	273429	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	207570	129.01	ng	0.00
7) Phenol-d6	7.16	99	245125	112.78	ng	0.00
23) Nitrobenzene-d5	9.16	82	178221	100.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	179040	142.97	ng	-0.02
45) 2-Fluorobiphenyl	13.27	172	568924	109.21	ng	0.00
79) Terphenyl-d14	20.02	244	1163607	105.35	ng	0.00

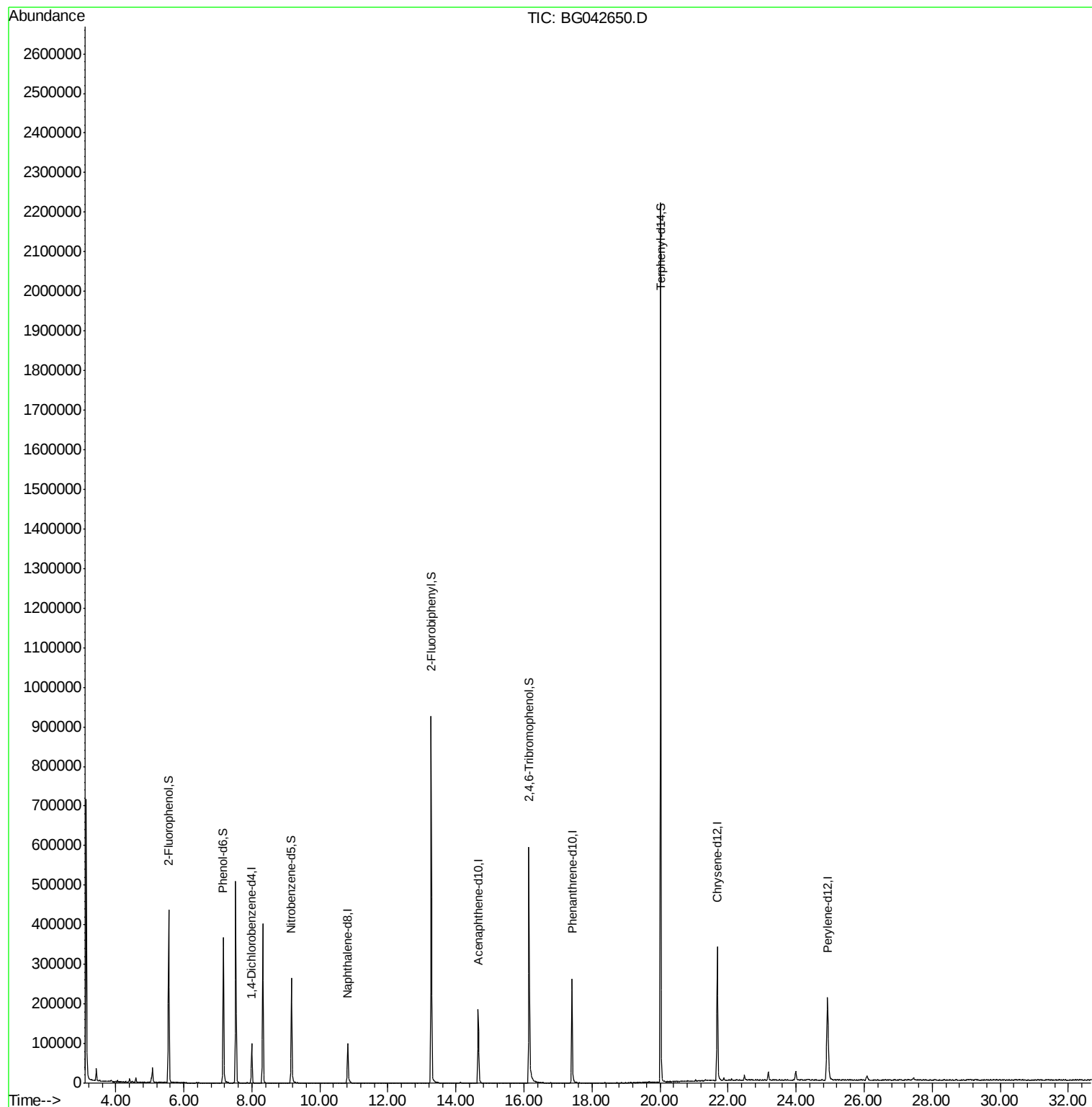
Target Compounds	Qvalue

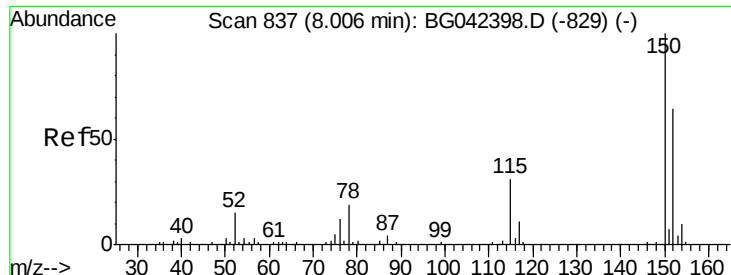
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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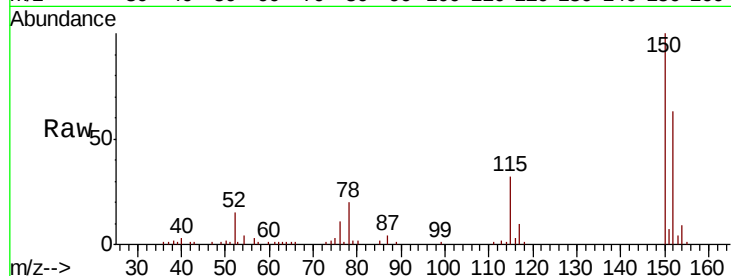


#1

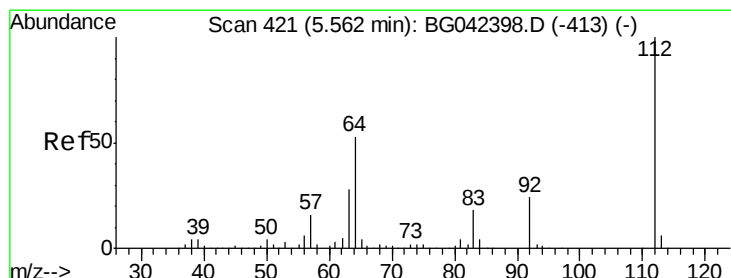
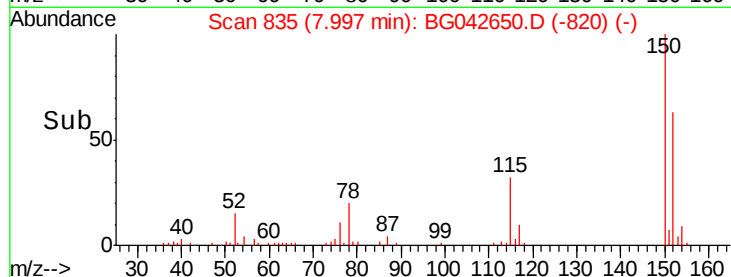
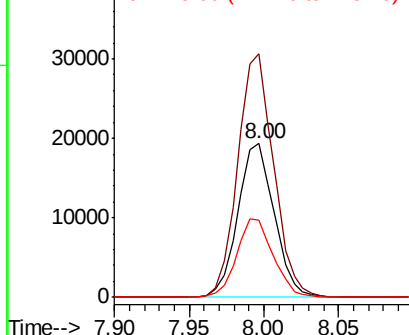
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Instrument :
BNA_G
ClientSampleId :
T3-S-F

Tot Ion:152 Resp: 32587
Ion Ratio Lower Upper
152 100
150 158.5 125.4 188.0
115 50.6 38.5 57.7



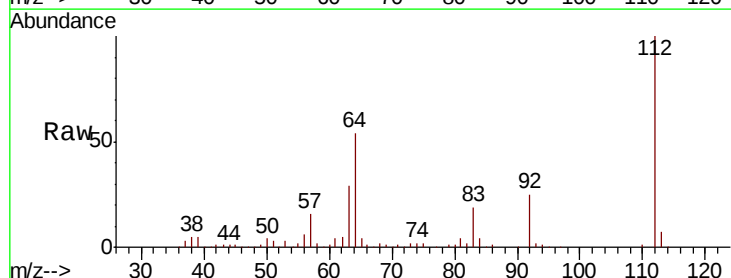
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



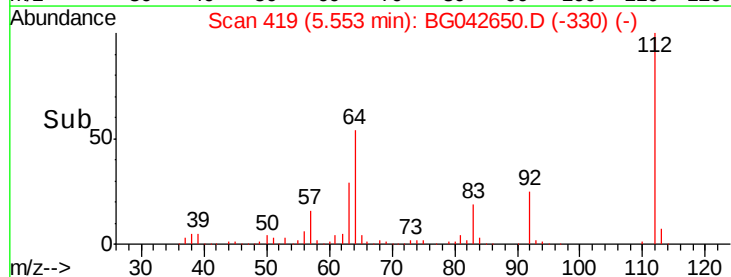
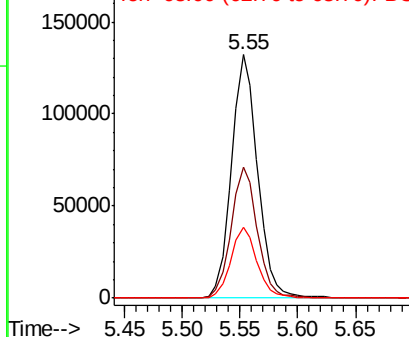
#5

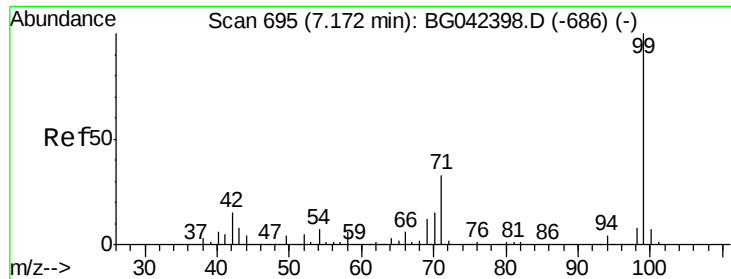
2-Fluorophenol
Concen: 129.005 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Tgt Ion:112 Resp: 207570
Ion Ratio Lower Upper
112 100
64 54.0 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: 112.784 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042650.D

Acq: 1 Sep 2019 2:47

Instrument :

BNA_G

ClientSampled :

T3-S-F

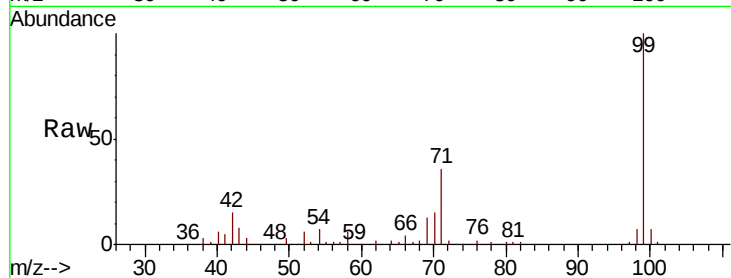
Tot Ion: 99 Resp: 245125

Ion Ratio Lower Upper

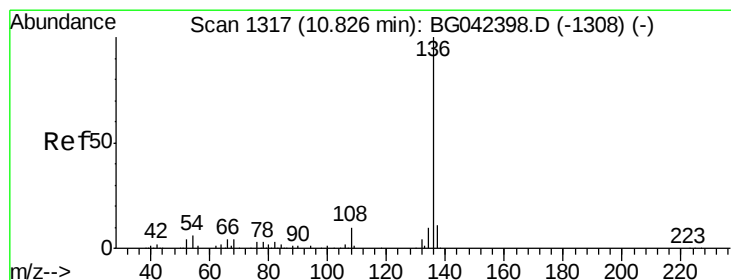
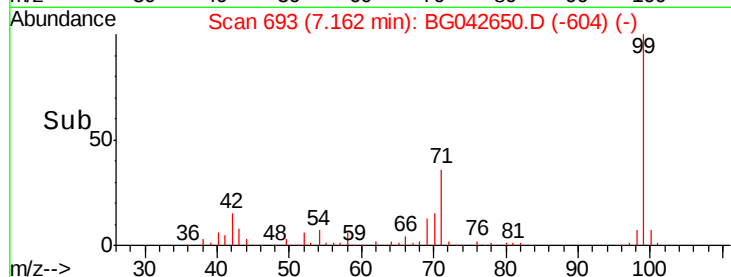
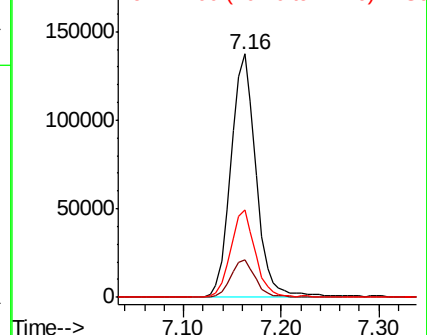
99 100

42 15.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042650.D

Acq: 1 Sep 2019 2:47

Tgt Ion: 136 Resp: 122308

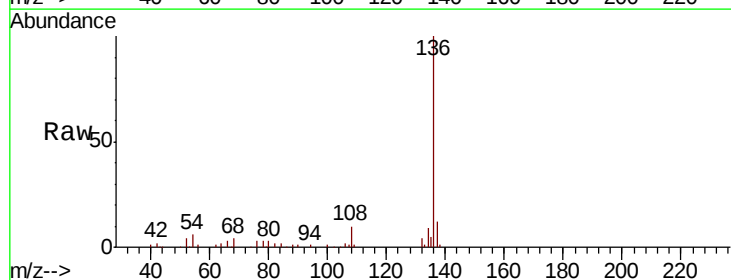
Ion Ratio Lower Upper

136 100

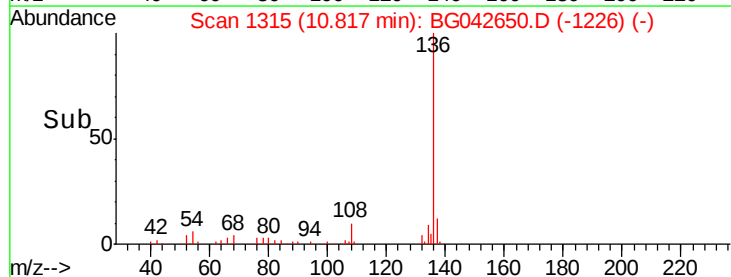
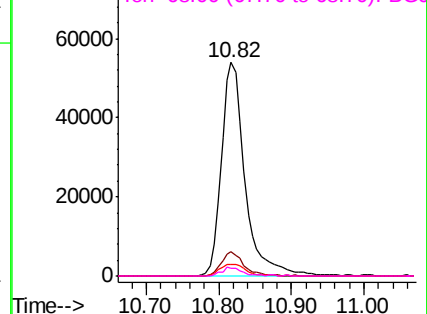
137 11.5 8.7 13.1

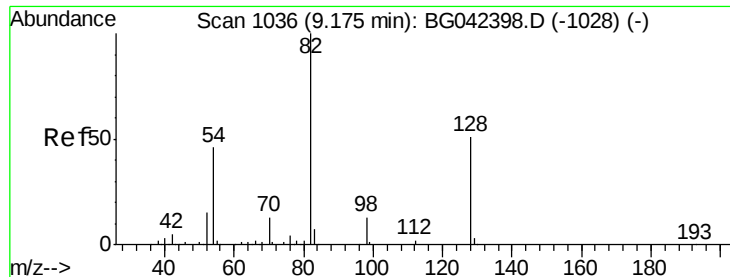
54 5.6 4.9 7.3

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

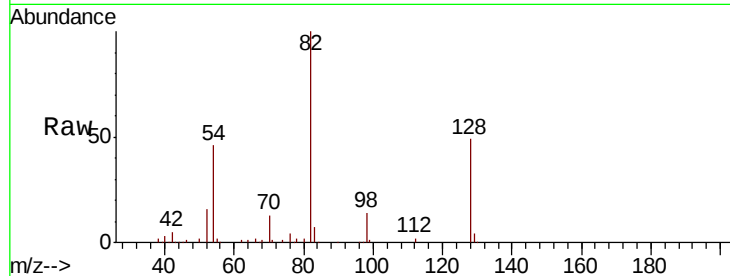




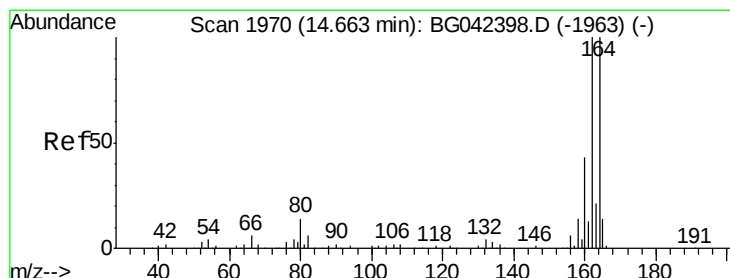
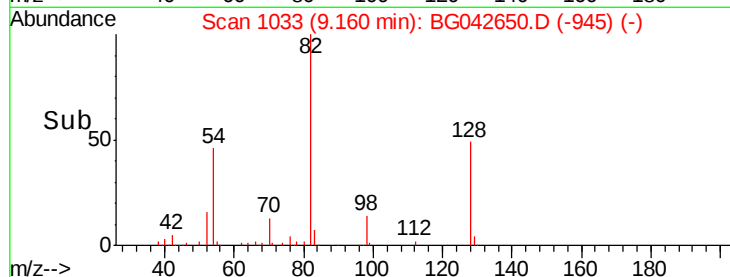
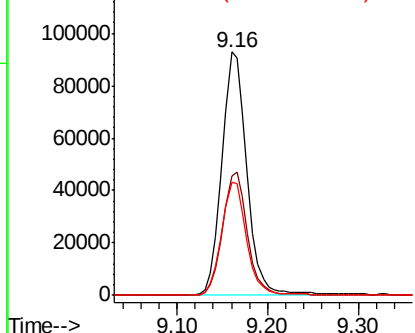
#23
Nitrobenzene-d5
Concen: 100.695 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Instrument :
BNA_G
ClientSampleId :
T3-S-F

Tot Ion: 82 Resp: 178221
Ion Ratio Lower Upper
82 100
128 49.1 40.7 61.1
54 46.2 36.3 54.5

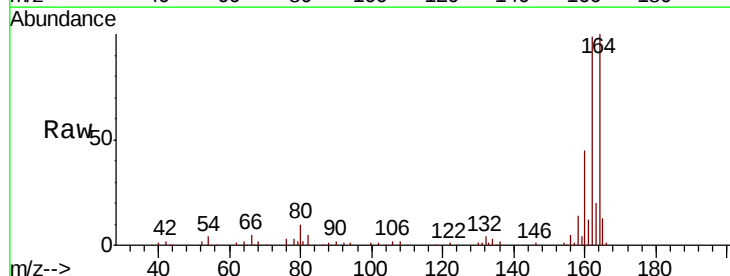


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

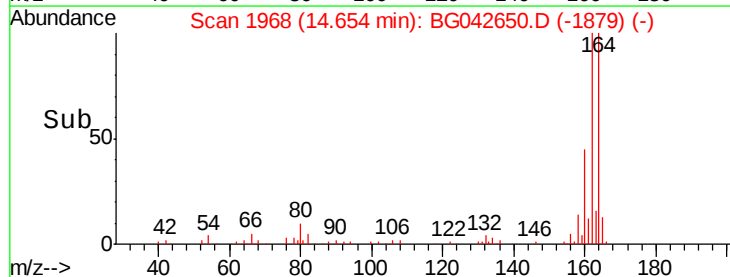
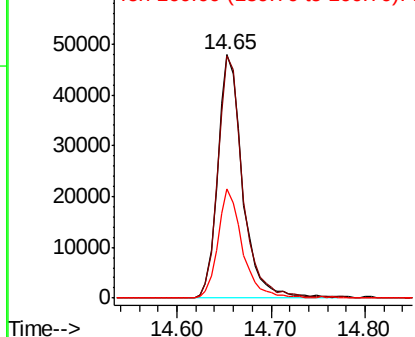


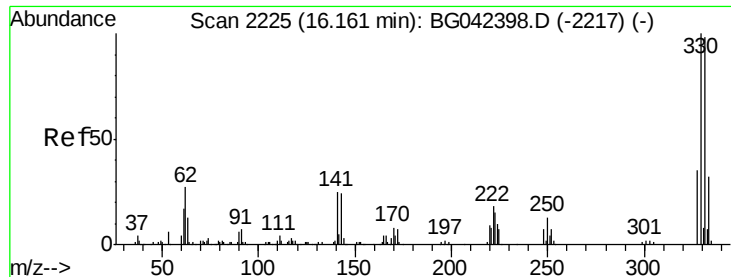
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042650.D
Acq: 1 Sep 2019 2:47

Tgt Ion:164 Resp: 88104
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 45.0 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

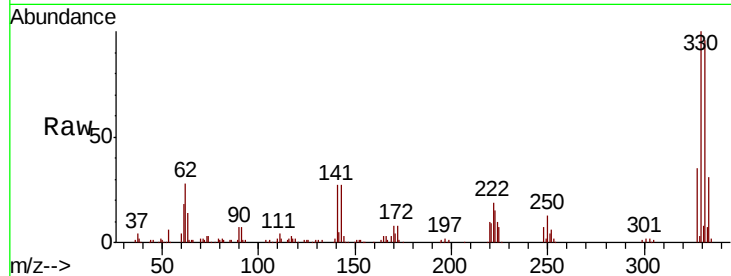




#42
 2,4,6-Tribromophenol
 Concen: 142.974 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-F

Tot Ion	330	332	141
Resp:	179040		
Ion Ratio	100	99.2	26.7
Lower		77.4	21.4
Upper		116.0	32.0

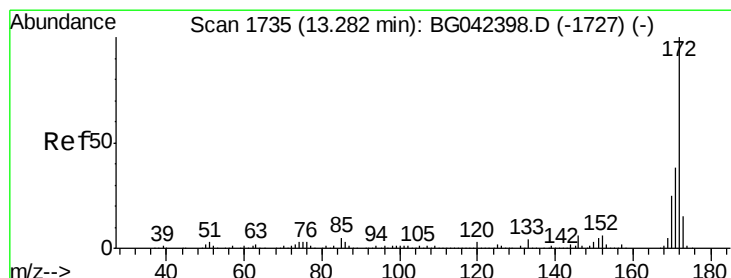
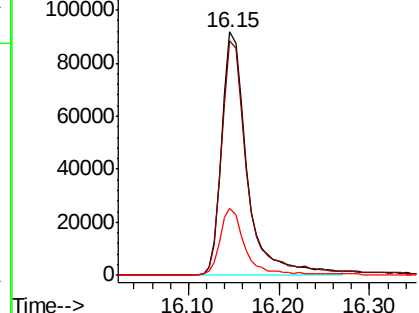
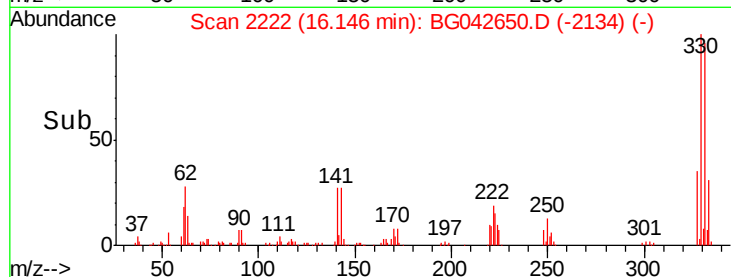


Abundance

Ion 329.80 (329.50 to 330.50): E

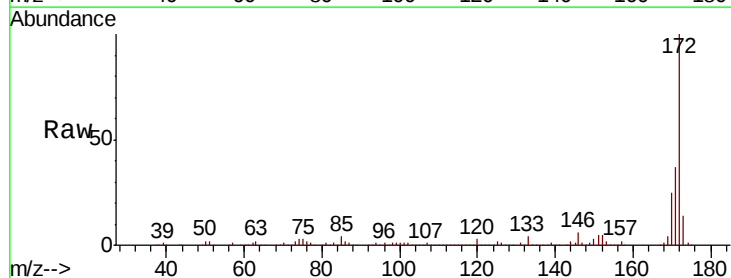
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 109.213 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Tgt Ion	172	171	170
Resp:	568924		
Ion Ratio	100	37.3	24.6
Lower		30.5	20.2
Upper		45.7	30.2

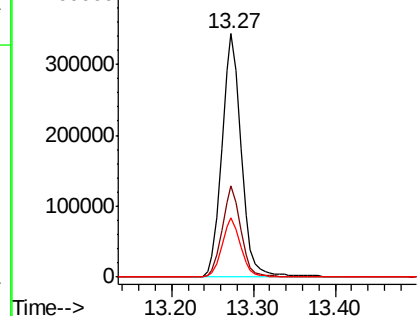
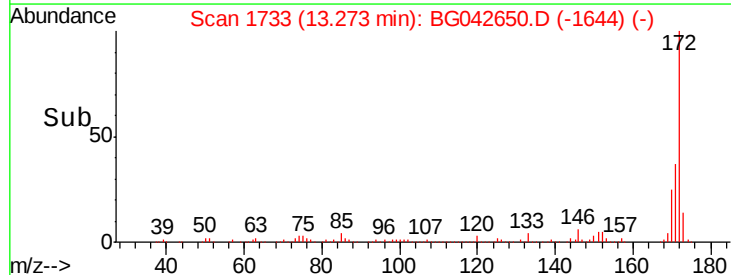


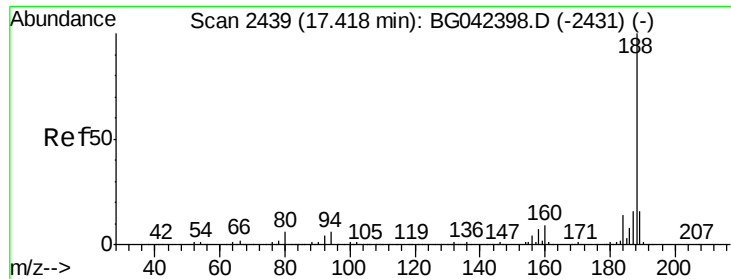
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042650.D

Acq: 1 Sep 2019 2:47

Instrument :

BNA_G

ClientSampleId :

T3-S-F

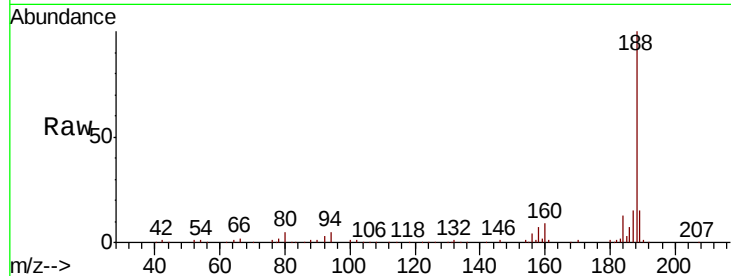
Tot Ion:188 Resp: 208714

Ion Ratio Lower Upper

188 100

94 5.2 4.5 6.7

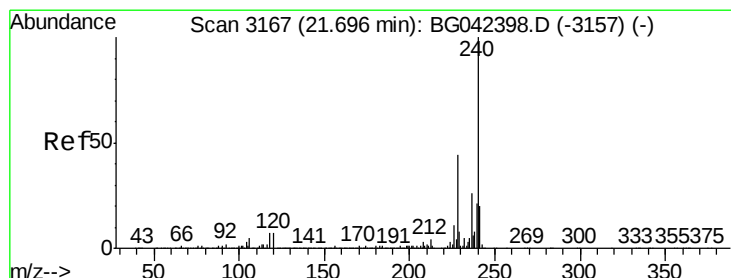
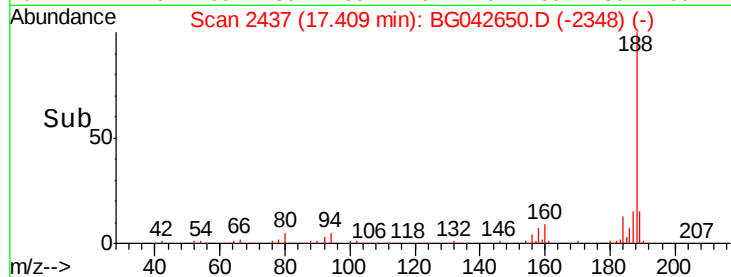
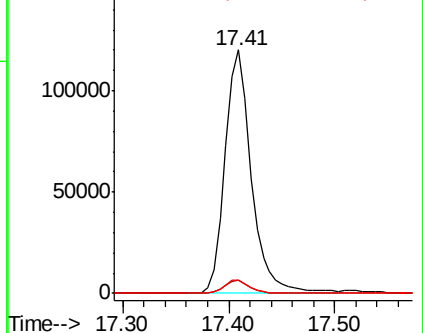
80 5.4 4.9 7.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG042650.D

Acq: 1 Sep 2019 2:47

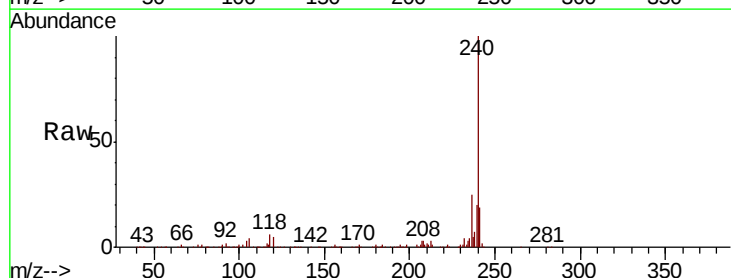
Tgt Ion:240 Resp: 238792

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

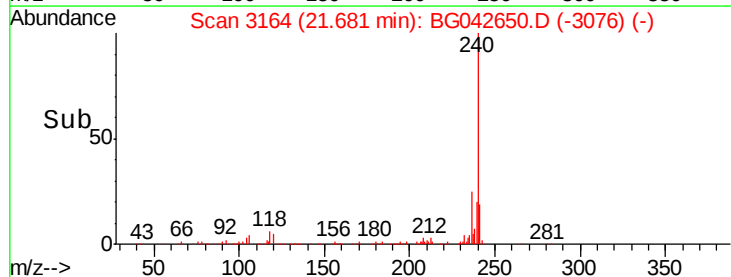
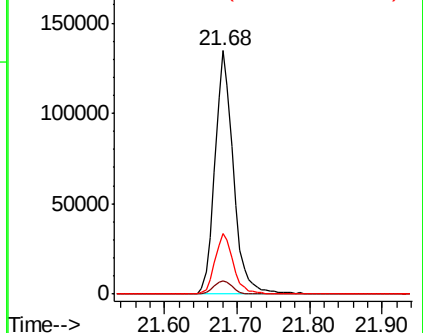
236 24.8 21.0 31.4

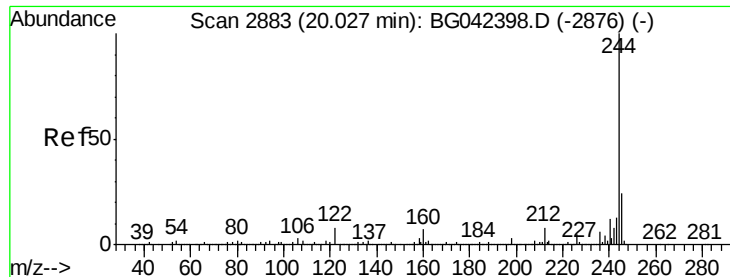


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



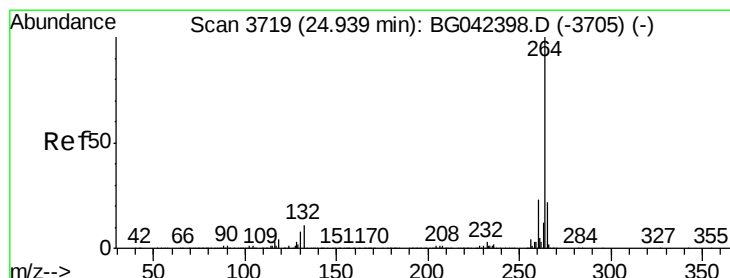
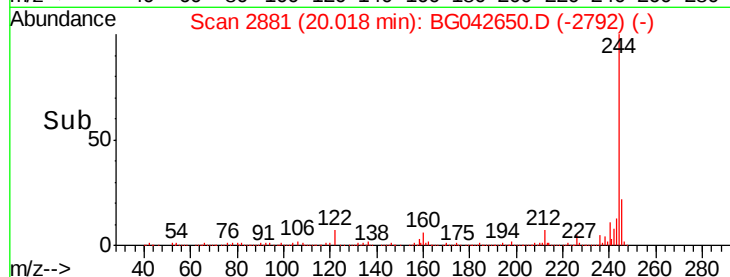
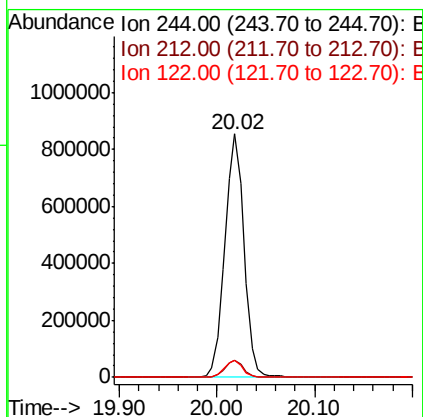
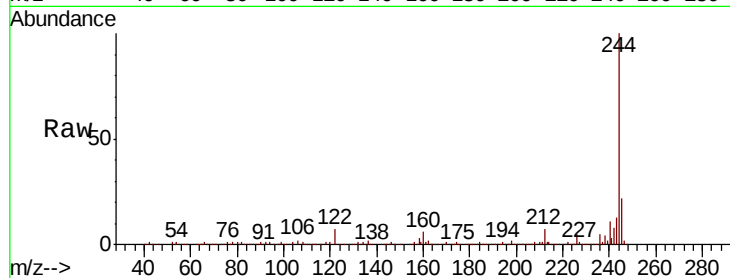


#79
 Terphenyl-d14
 Concen: 105.348 ng
 RT: 20.02 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Instrument :
 BNA_G
 ClientSampled :
 T3-S-F

Tot Ion:244 Resp: 1163607

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	6.9	6.7	10.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042650.D
 Acq: 1 Sep 2019 2:47

Tgt Ion:264 Resp: 273429

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	23.2	17.6	26.4

