

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042460.D
 Acq On : 24 Aug 2019 10:14
 Operator : HP/JU
 Sample : K4475-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-2D

Quant Time: Aug 26 05:29:54 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

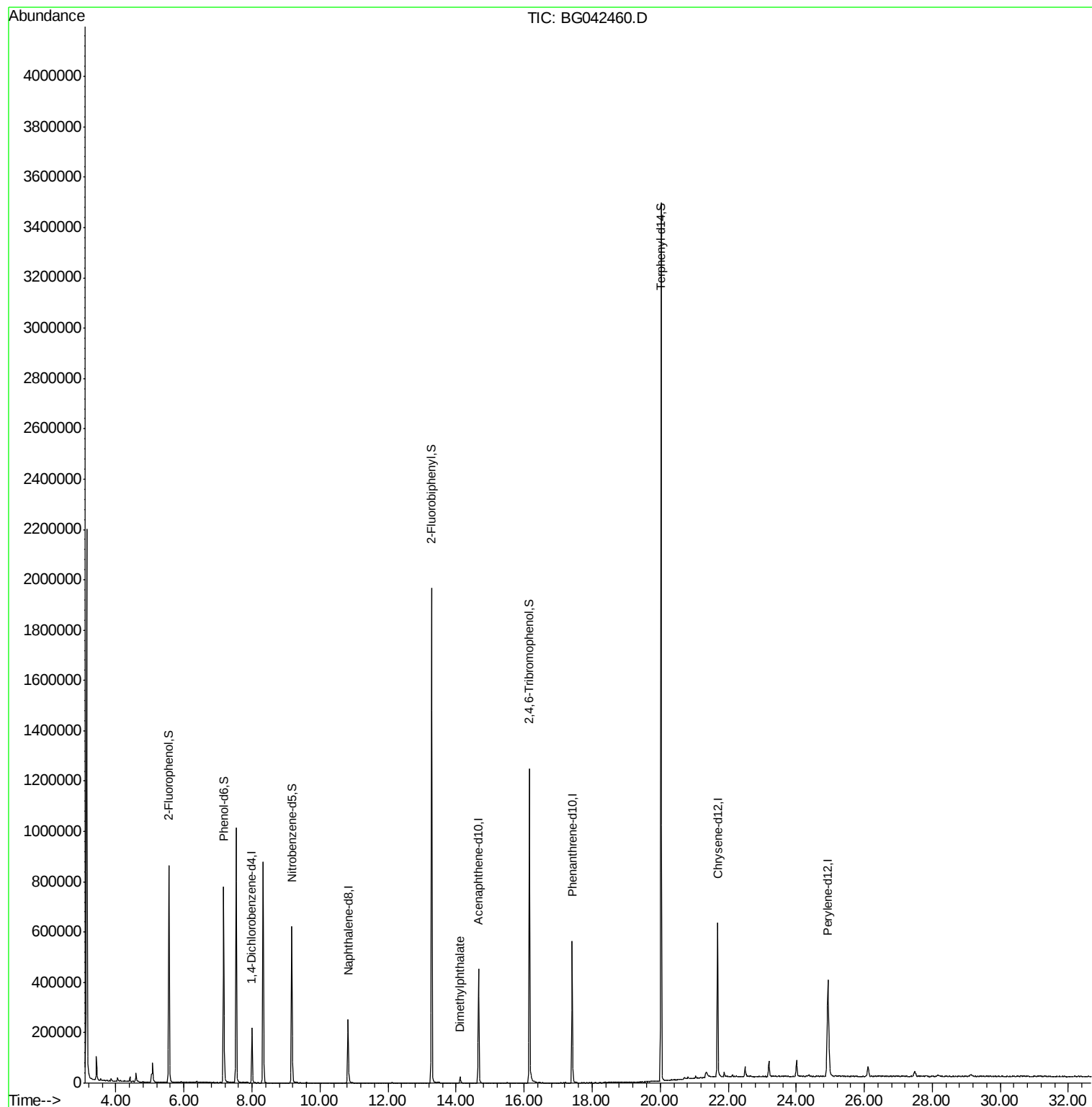
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69511	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	273232	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	183749	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	387425	20.00	ng	0.00
76) Chrysene-d12	21.69	240	392064	20.00	ng	0.00
87) Perylene-d12	24.93	264	450826	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	442266	128.86	ng	0.00
7) Phenol-d6	7.17	99	536337	115.69	ng	0.00
23) Nitrobenzene-d5	9.17	82	408993	103.44	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	308876	118.27	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1118169	102.92	ng	0.00
79) Terphenyl-d14	20.03	244	1722552	94.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	28899	2.180	ng	Qvalue 99

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

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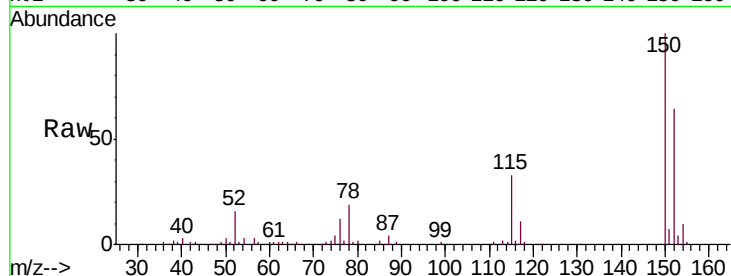


#1

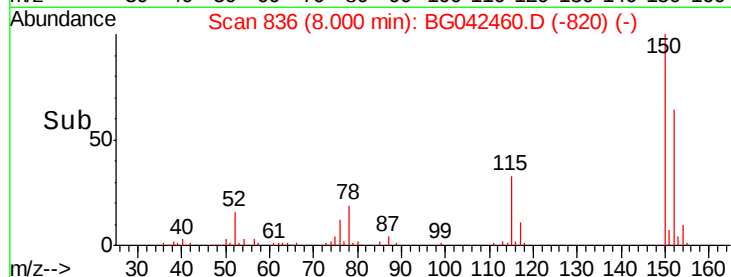
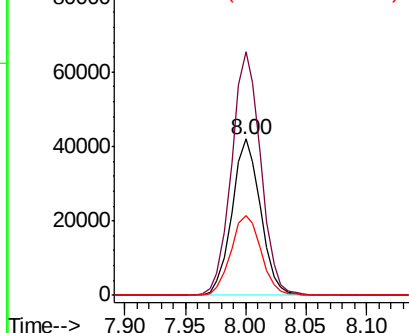
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042460.D
Acq: 24 Aug 2019 10:14

Instrument :
BNA_G
ClientSampled :
T1-2D

Tot Ion:152 Resp: 69511
Ion Ratio Lower Upper
152 100
150 155.6 125.4 188.0
115 51.0 38.5 57.7



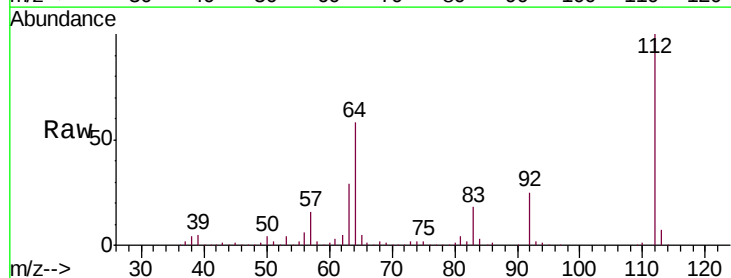
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



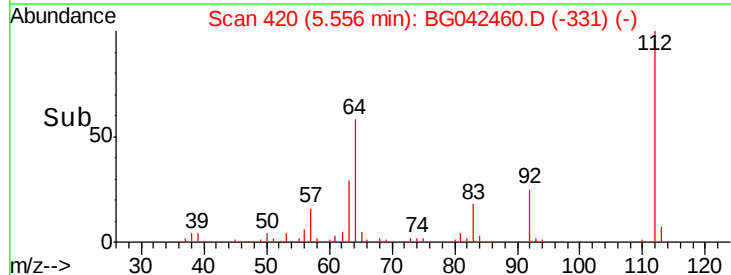
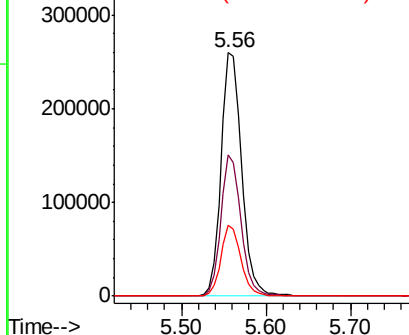
#5

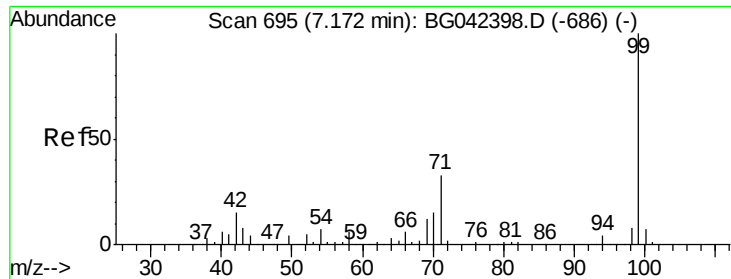
2-Fluorophenol
Concen: 128.860 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042460.D
Acq: 24 Aug 2019 10:14

Tgt Ion:112 Resp: 442266
Ion Ratio Lower Upper
112 100
64 57.8 42.8 64.2
63 29.2 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: 115.688 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042460.D

Acq: 24 Aug 2019 10:14

Instrument :

BNA_G

ClientSampleId :

T1-2D

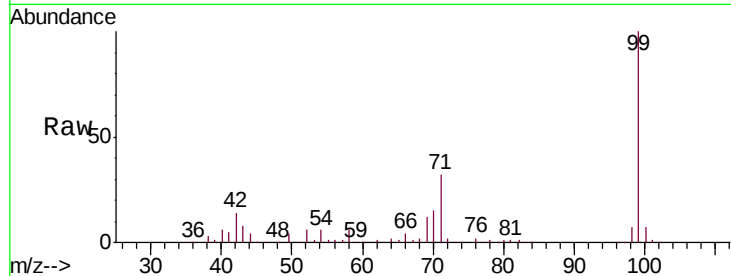
Tot Ion: 99 Resp: 536337

Ion Ratio Lower Upper

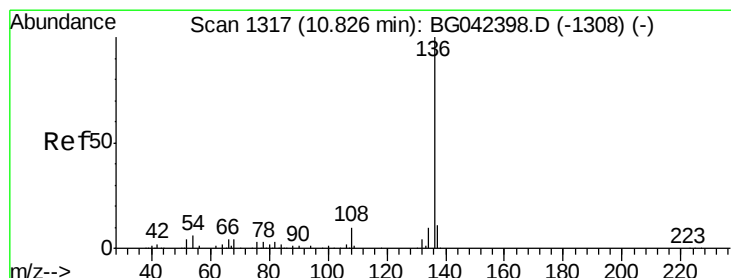
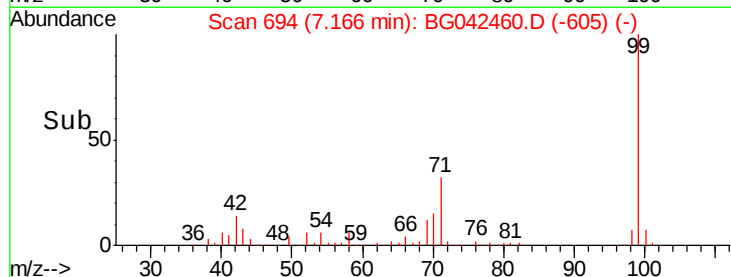
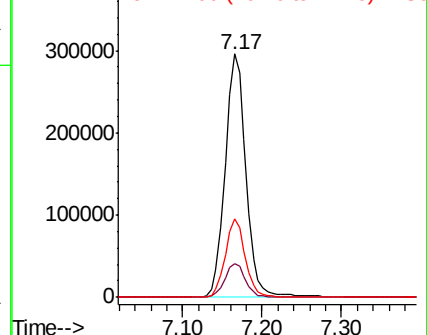
99 100

42 14.1 12.0 18.0

71 32.4 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# 1316

Delta R.T. -0.01 min

Lab File: BG042460.D

Acq: 24 Aug 2019 10:14

Tgt Ion: 136 Resp: 273232

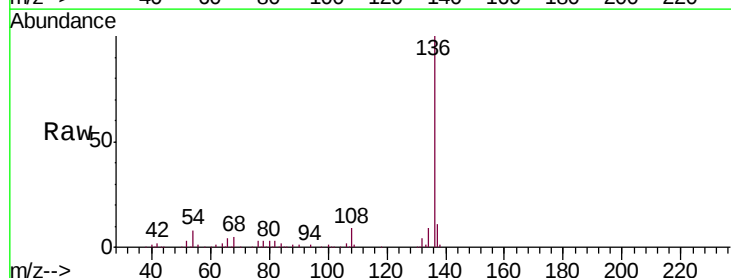
Ion Ratio Lower Upper

136 100

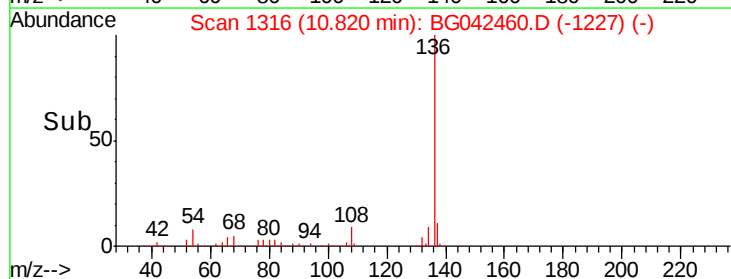
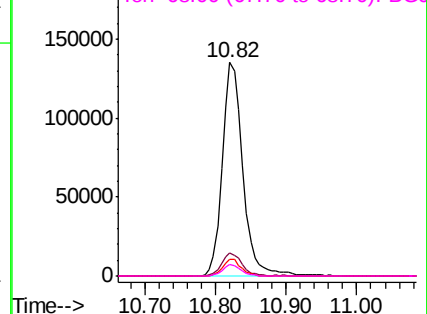
137 10.6 8.7 13.1

54 7.7 4.9 7.3#

68 5.3 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

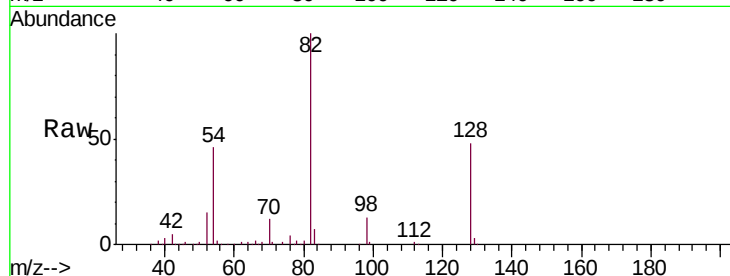




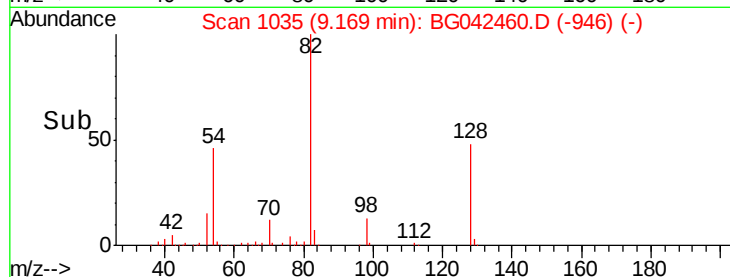
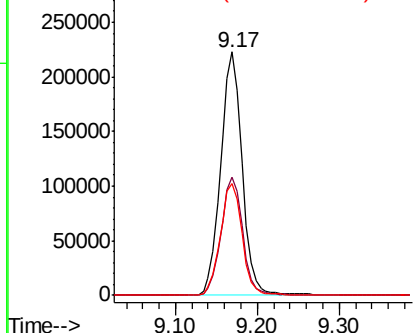
#23
Nitrobenzene-d5
Concen: 103.440 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042460.D
Acq: 24 Aug 2019 10:14

Instrument :
BNA_G
ClientSampleId :
T1-2D

Tot Ion	82	Resp	408993
Ion Ratio	Lower	Upper	
82	100		
128	48.3	40.7	61.1
54	45.8	36.3	54.5

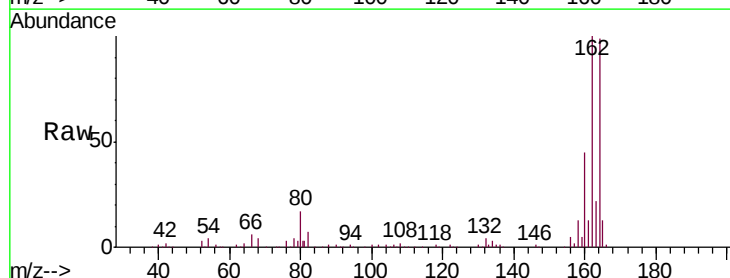


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

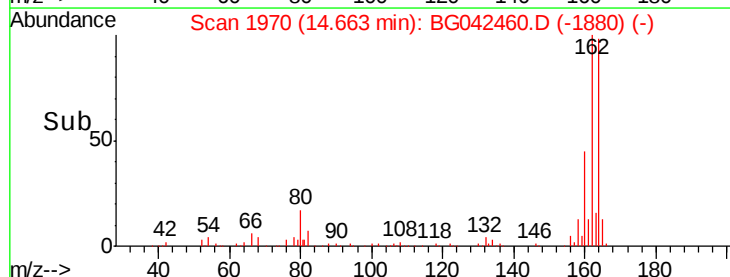
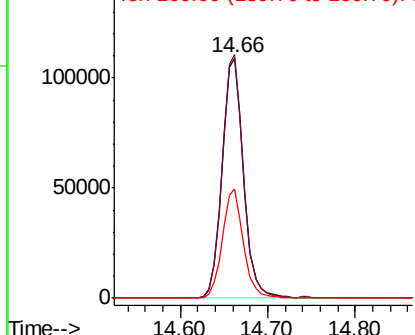


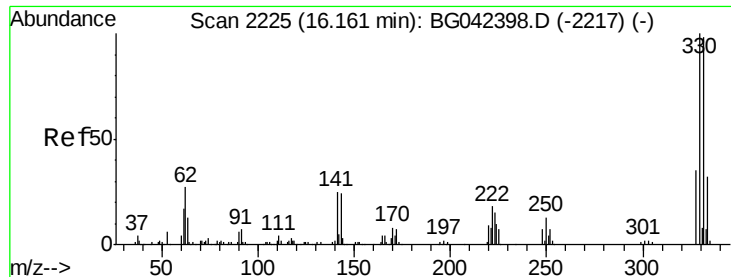
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042460.D
Acq: 24 Aug 2019 10:14

Tgt Ion	164	Resp	183749
Ion Ratio	Lower	Upper	
164	100		
162	101.4	79.9	119.9
160	45.5	34.3	51.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

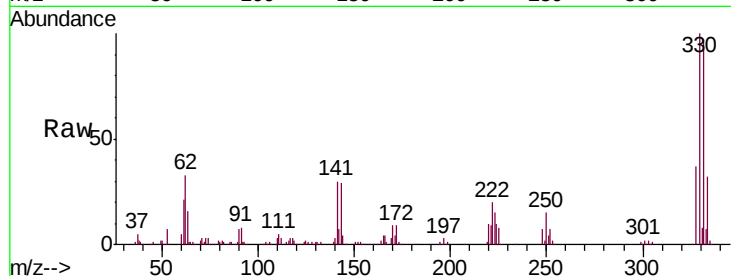




#42
 2,4,6-Tribromophenol
 Concen: 118.267 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042460.D
 Acq: 24 Aug 2019 10:14

Instrument :
 BNA_G
 ClientSampleId :
 T1-2D

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.0
141	31.5	21.4	32.0

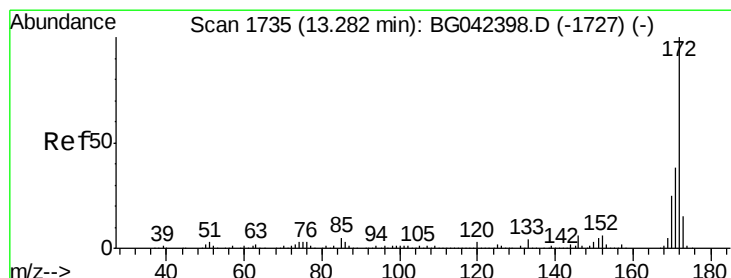
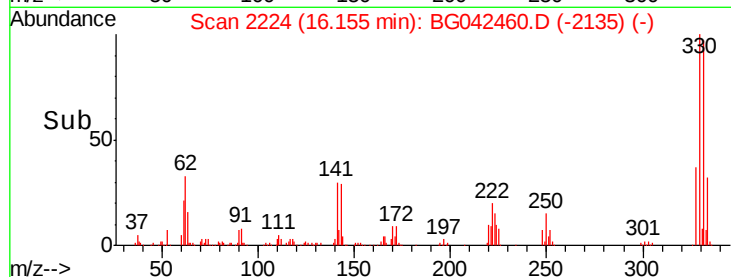
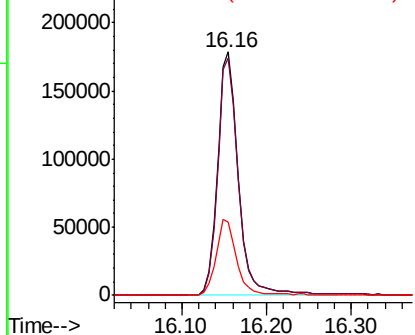


Abundance

Ion 329.80 (329.50 to 330.50): E

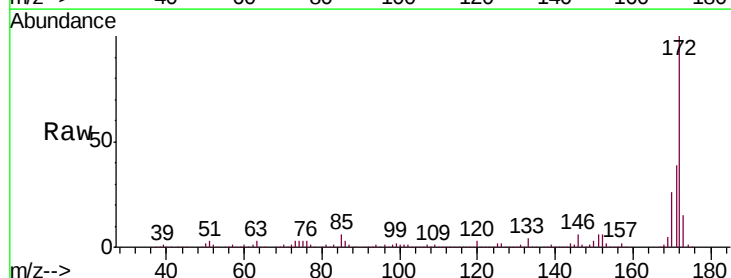
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.920 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042460.D
 Acq: 24 Aug 2019 10:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.9	20.2	30.2

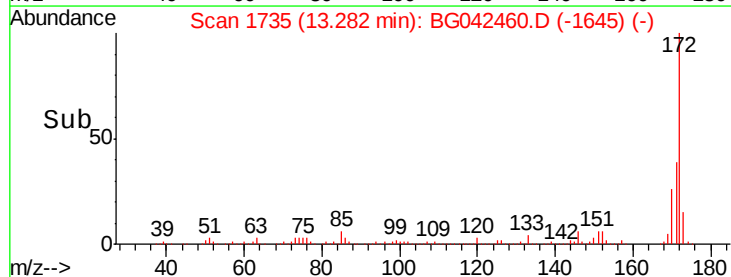
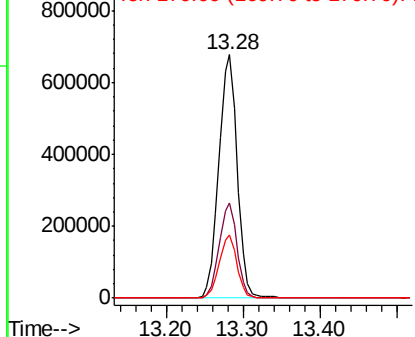


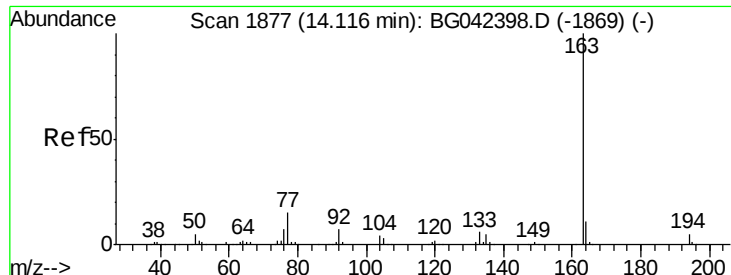
Abundance

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: 2.180 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042460.D

Acq: 24 Aug 2019 10:14

Instrument :

BNA_G

ClientSampleId :

T1-2D

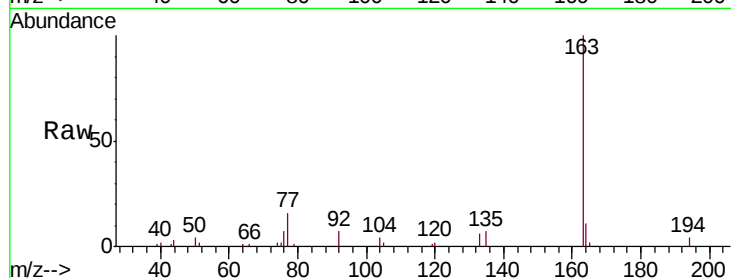
Tot Ion:163 Resp: 28899

Ion Ratio Lower Upper

163 100

194 4.4 4.2 6.2

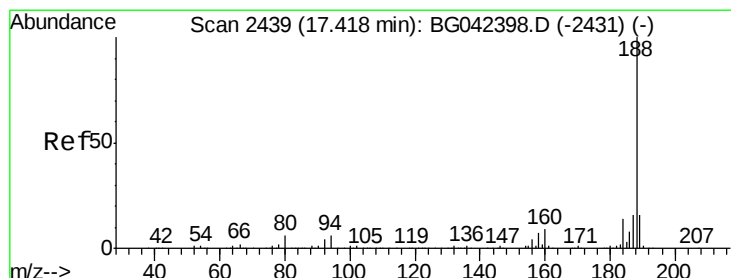
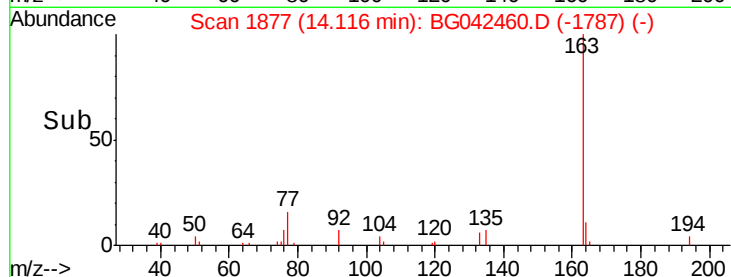
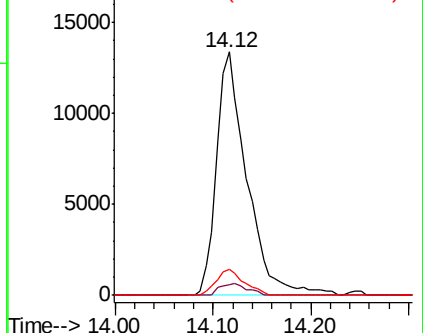
164 10.6 8.8 13.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042460.D

Acq: 24 Aug 2019 10:14

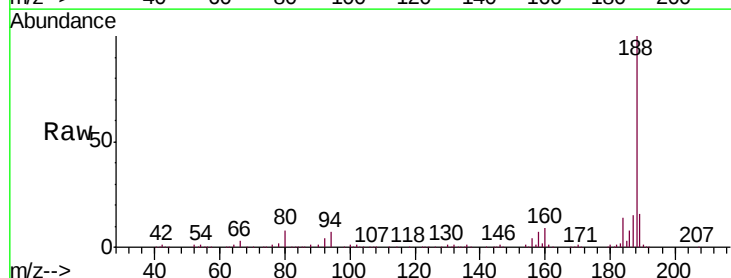
Tgt Ion:188 Resp: 387425

Ion Ratio Lower Upper

188 100

94 7.3 4.5 6.7#

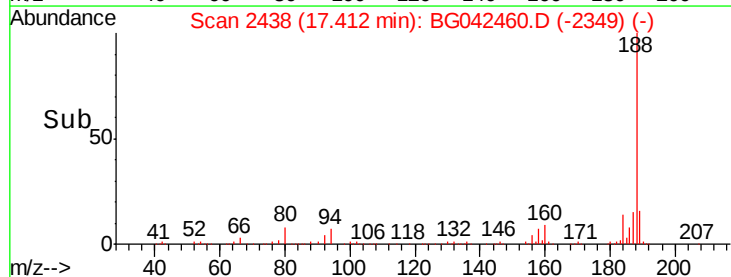
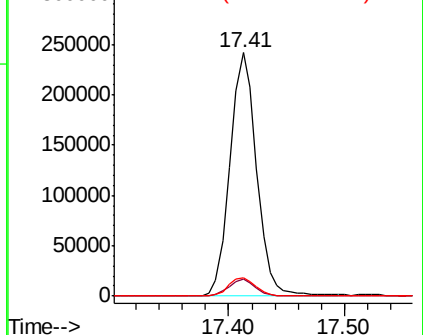
80 7.5 4.9 7.3#

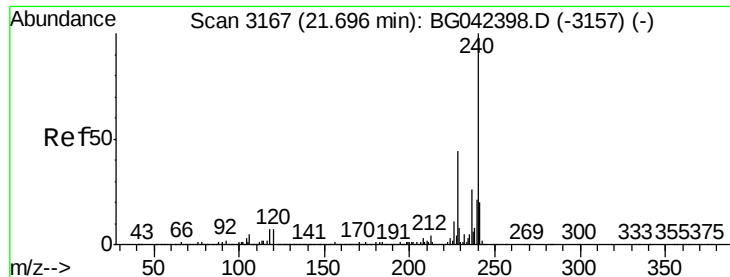


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

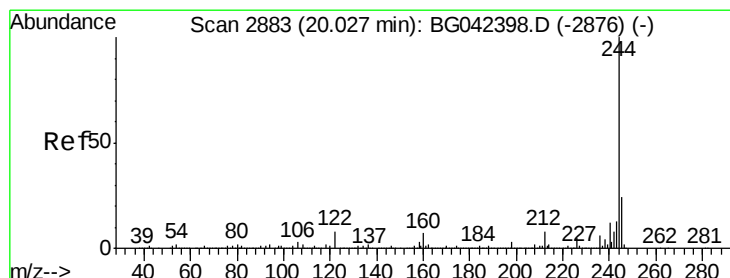
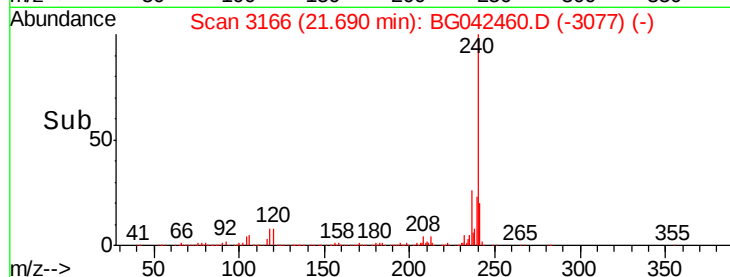
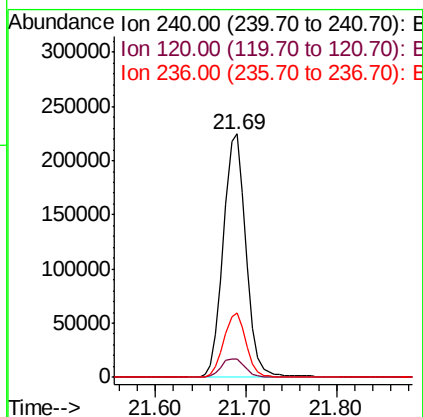
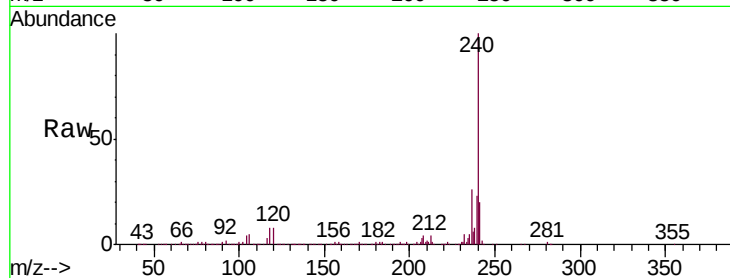




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042460.D
Acq: 24 Aug 2019 10:14

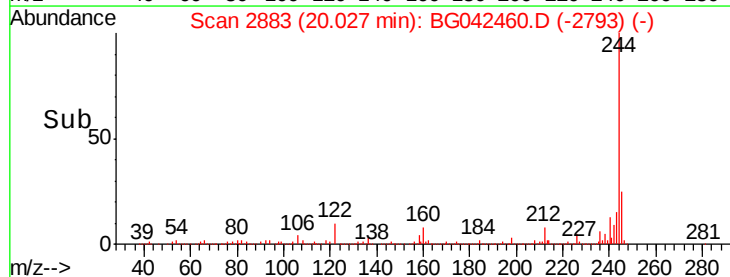
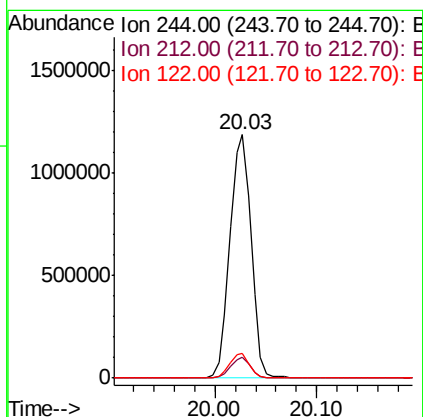
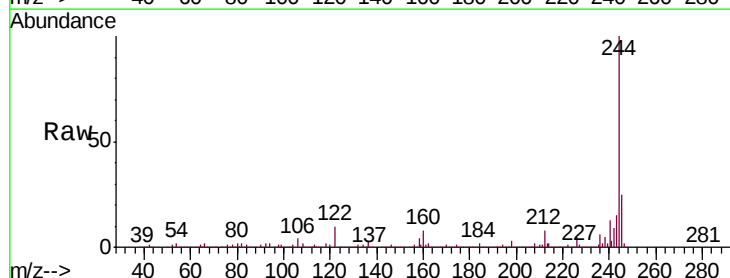
Instrument :
BNA_G
ClientSampleId :
T1-2D

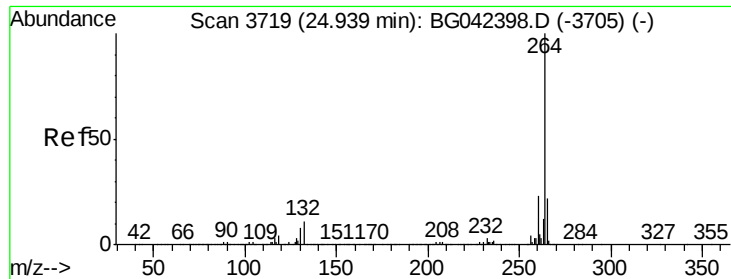
Tot Ion:240 Resp: 392064
Ion Ratio Lower Upper
240 100
120 7.6 5.7 8.5
236 26.4 21.0 31.4



#79
Terphenyl-d14
Concen: 94.985 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042460.D
Acq: 24 Aug 2019 10:14

Tgt Ion:244 Resp: 1722552
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 9.9 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: BG042460.D
 Acq: 24 Aug 2019 10:14

Instrument :
 BNA_G
 ClientSampleId :
 T1-2D

Tot Ion: 264 Resp: 450826
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.3 17.6 26.4

