

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042350.D
 Acq On : 20 Aug 2019 9:23
 Operator : HP/JU
 Sample : K4385-30
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-B-(0-2)

Quant Time: Aug 21 03:46:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

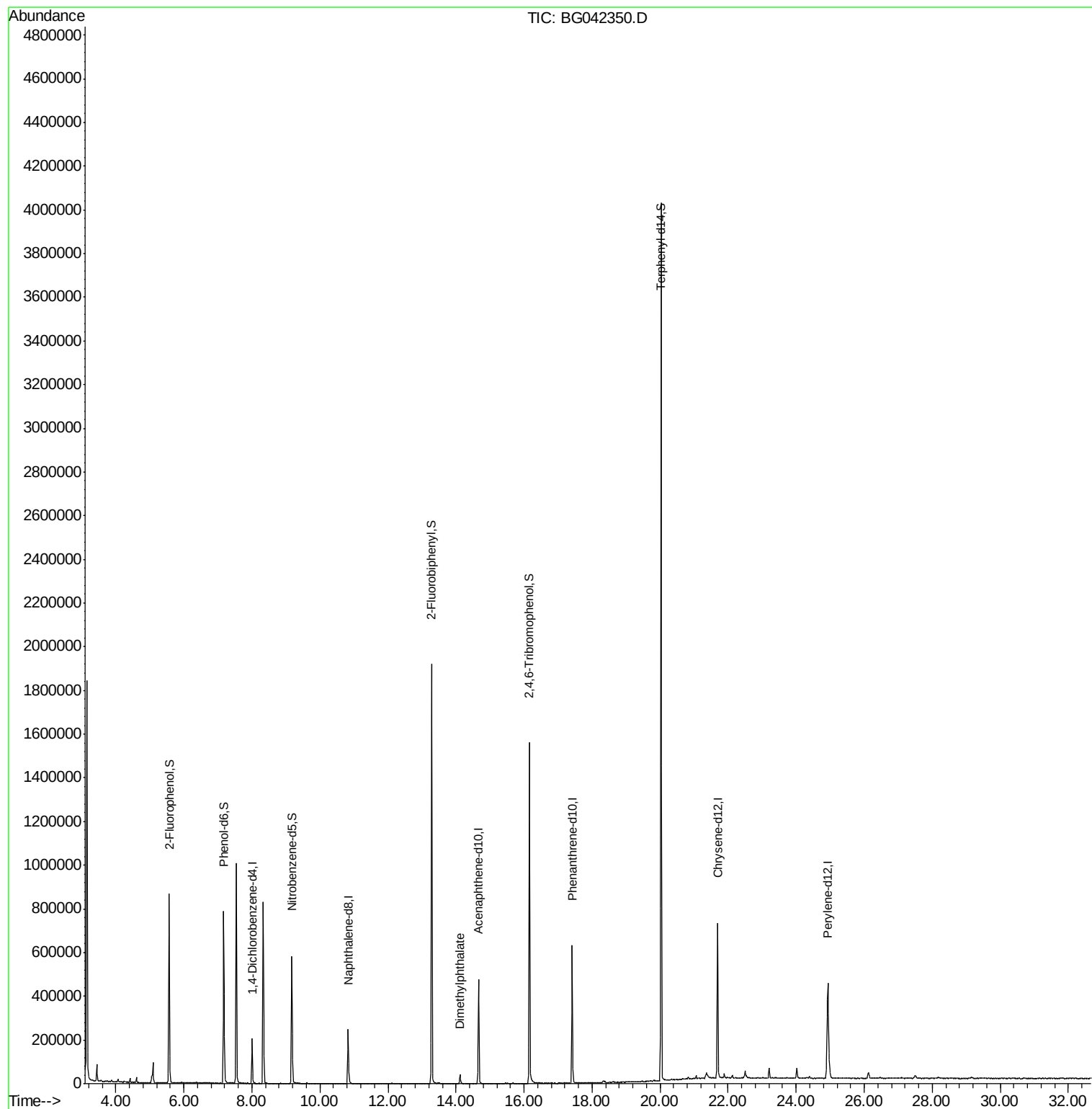
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68479	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	263646	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	189785	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	435838	20.00	ng	0.00
76) Chrysene-d12	21.69	240	445769	20.00	ng	0.00
87) Perylene-d12	24.93	264	523238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	440937	130.46	ng	0.00
7) Phenol-d6	7.17	99	542043	118.09	ng	0.00
23) Nitrobenzene-d5	9.17	82	383659	102.35	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	385731	149.23	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1131680	100.90	ng	0.00
79) Terphenyl-d14	20.03	244	1954382	96.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	47626	3.532	ng	Qvalue # 97

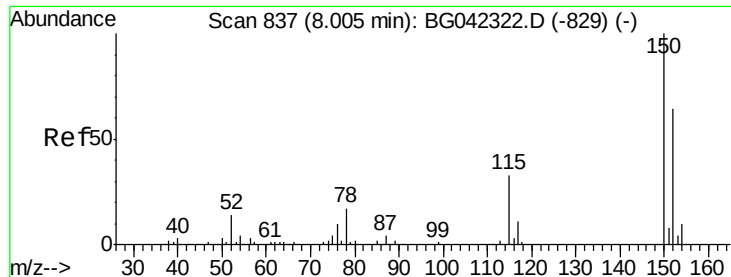
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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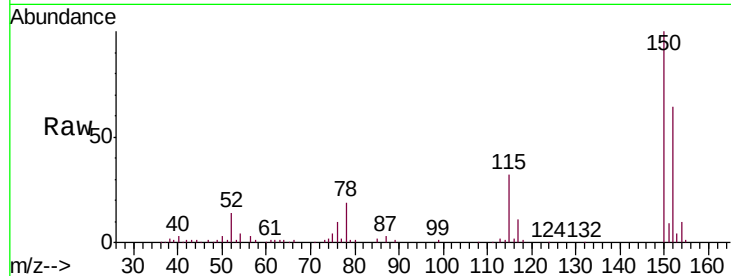


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042350.D
Acq: 20 Aug 2019 9:23

Instrument :
BNA_G
ClientSampleId :
T8-B-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.3	186.5
115	50.7	40.5	60.7

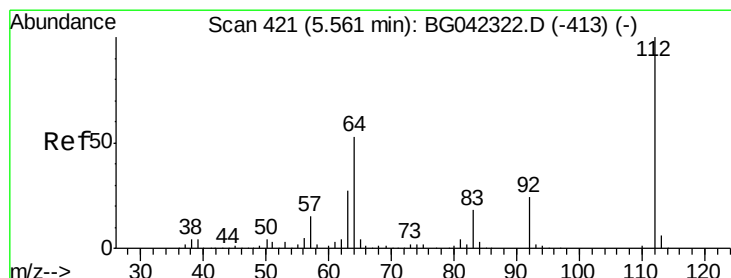
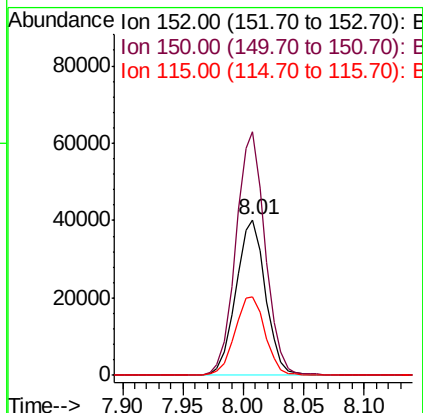
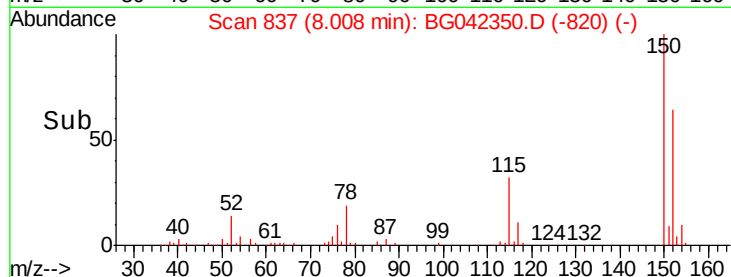


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

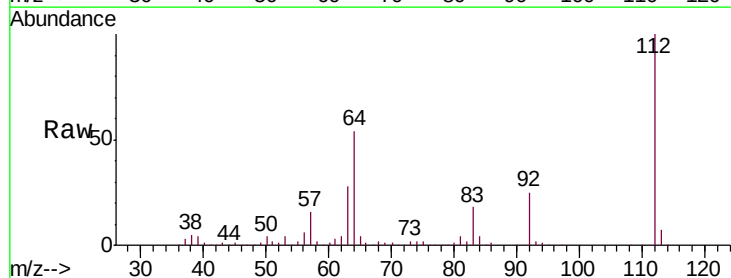
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.460 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042350.D
Acq: 20 Aug 2019 9:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.5	63.7
63	28.3	21.7	32.5

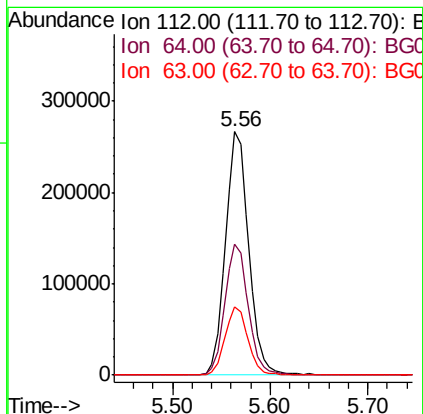
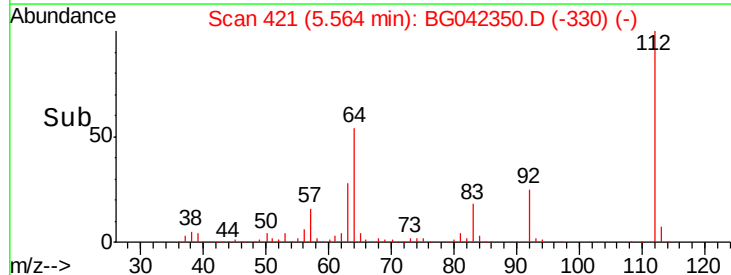


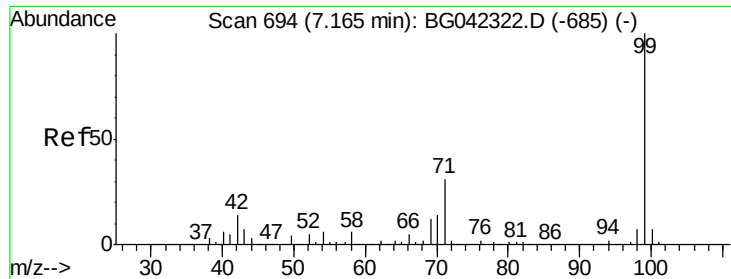
Abundance

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: 118.086 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042350.D

Acq: 20 Aug 2019 9:23

Instrument :

BNA_G

ClientSampleId :

T8-B-(0-2)

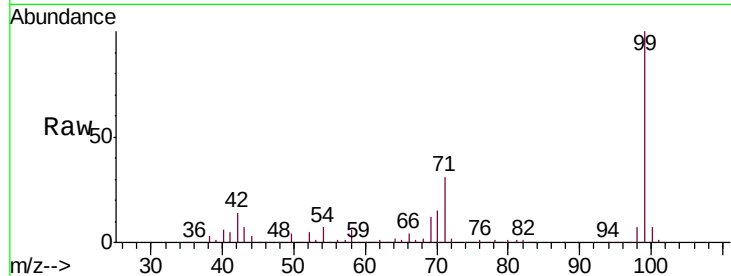
Tot Ion: 99 Resp: 542043

Ion Ratio Lower Upper

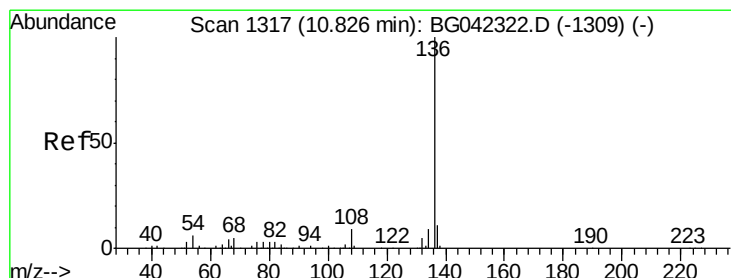
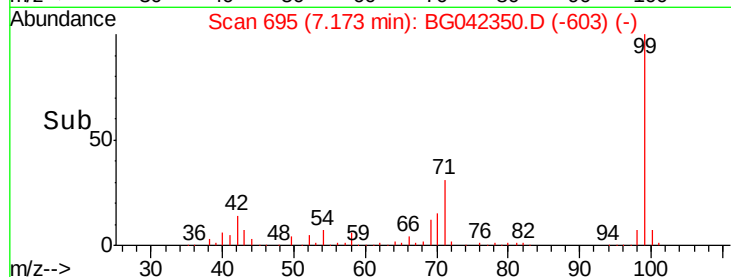
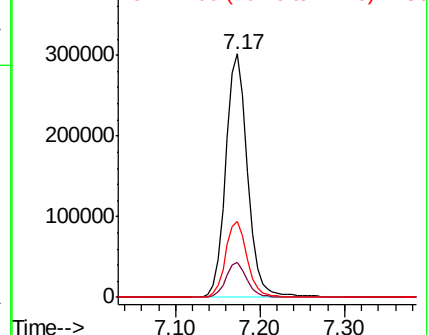
99 100

42 14.2 11.4 17.0

71 31.4 25.1 37.7



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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042350.D

Acq: 20 Aug 2019 9:23

Tgt Ion: 136 Resp: 263646

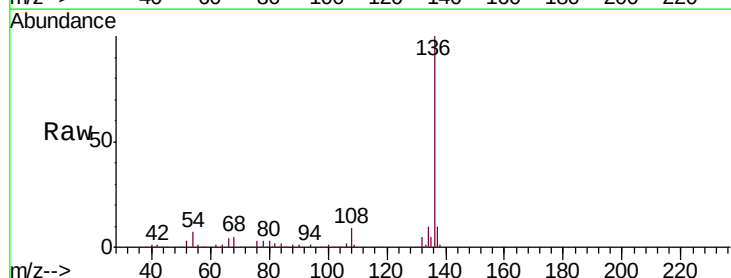
Ion Ratio Lower Upper

136 100

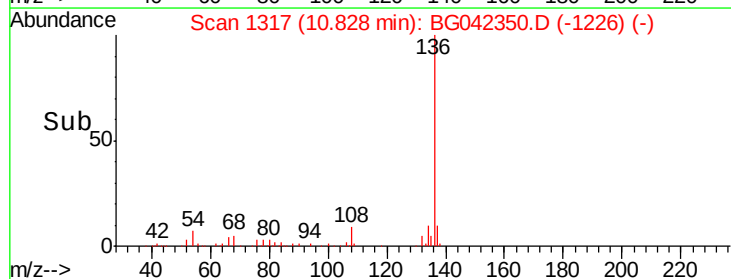
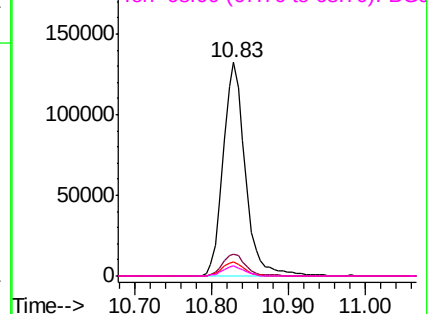
137 10.5 8.4 12.6

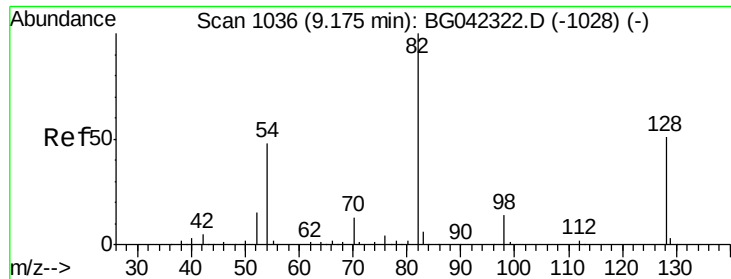
54 6.8 5.0 7.4

68 4.8 3.8 5.8



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

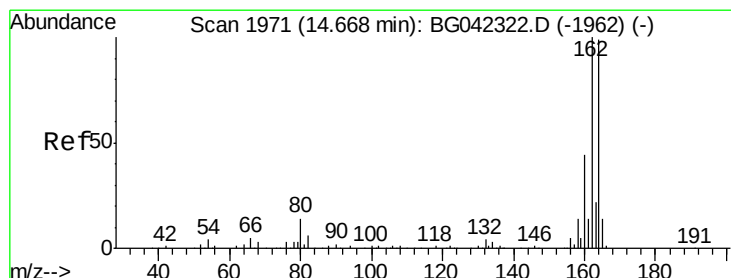
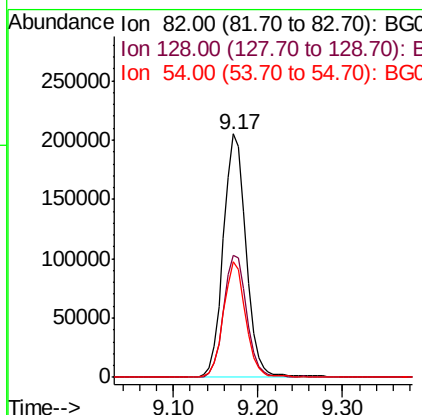
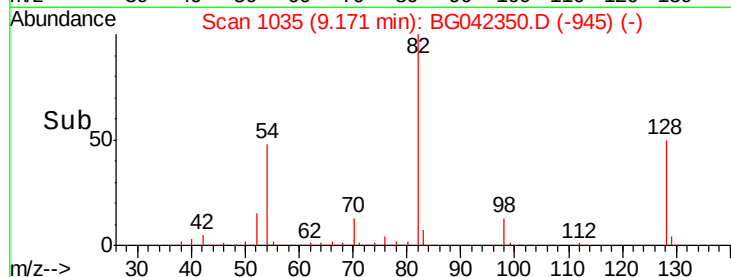
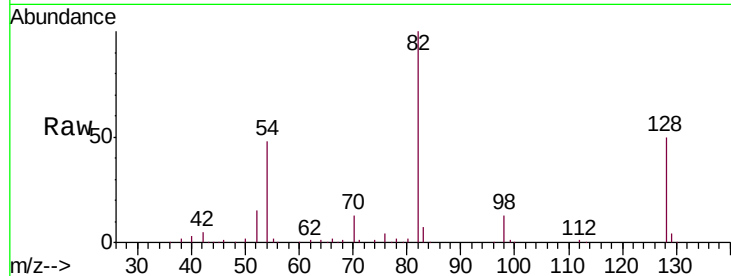




#23
Nitrobenzene-d5
Concen: 102.349 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042350.D
Acq: 20 Aug 2019 9:23

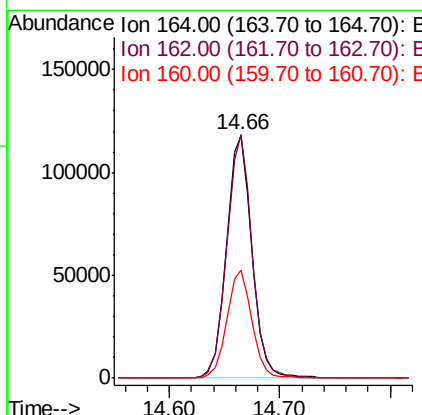
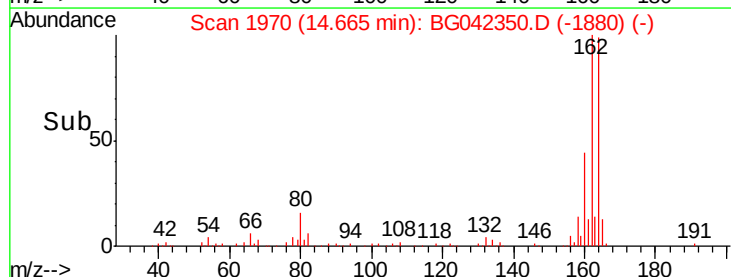
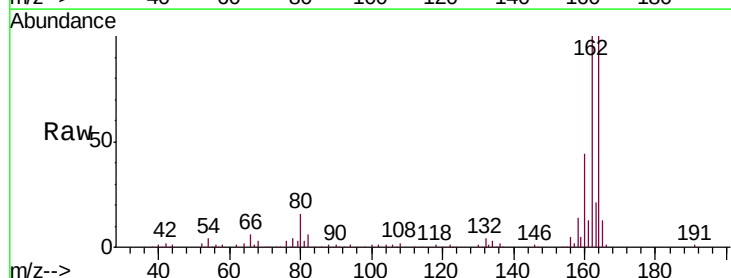
Instrument :
BNA_G
ClientSampled :
T8-B-(0-2)

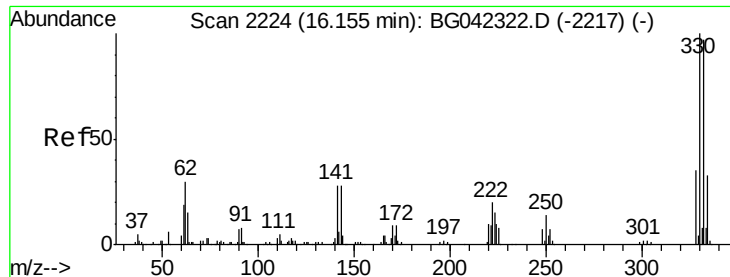
Tot Ion	82	Resp	383659
Ion Ratio	Lower	Upper	
82	100		
128	49.9	41.0	61.4
54	47.6	38.0	57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042350.D
Acq: 20 Aug 2019 9:23

Tgt Ion	164	Resp	189785
Ion Ratio	Lower	Upper	
164	100		
162	100.4	80.6	120.8
160	44.5	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 149.229 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042350.D

Acq: 20 Aug 2019 9:23

Instrument :

BNA_G

ClientSampleId :

T8-B-(0-2)

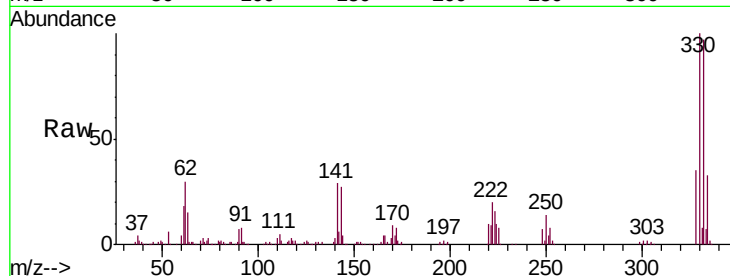
Tot Ion:330 Resp: 385731

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

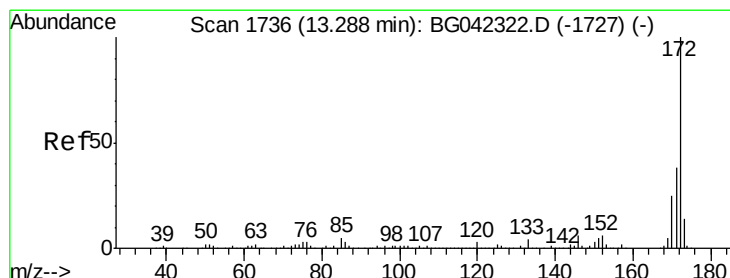
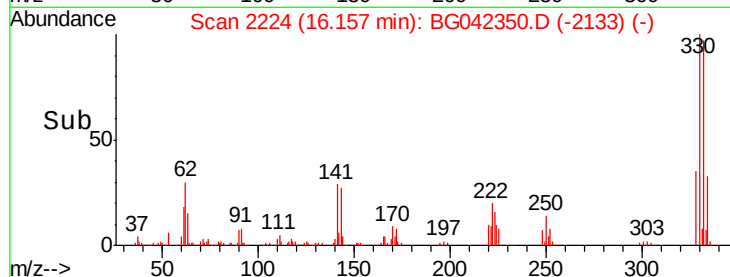
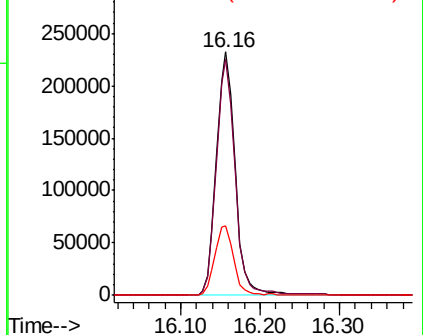
141 29.2 21.8 32.6



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: 100.903 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042350.D

Acq: 20 Aug 2019 9:23

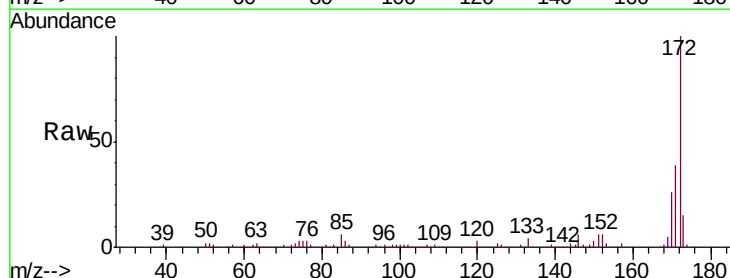
Tgt Ion:172 Resp: 1131680

Ion Ratio Lower Upper

172 100

171 39.0 30.3 45.5

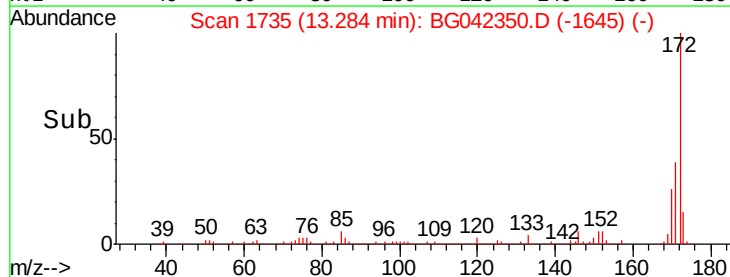
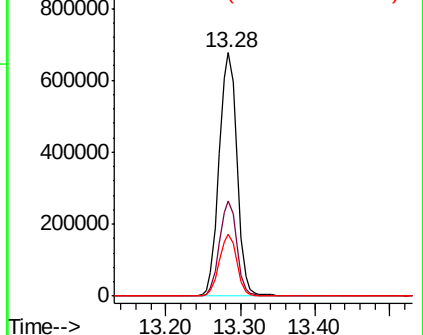
170 25.6 20.0 30.0

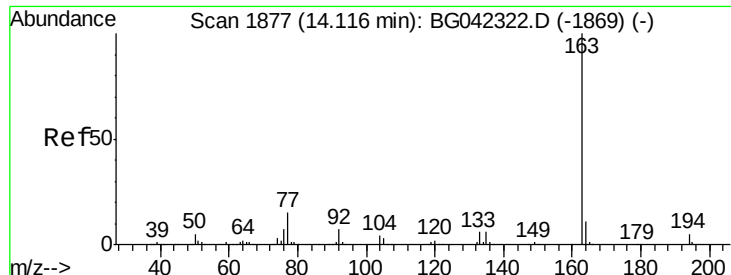


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.532 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042350.D

Acq: 20 Aug 2019 9:23

Instrument :

BNA_G

ClientSampleId :

T8-B-(0-2)

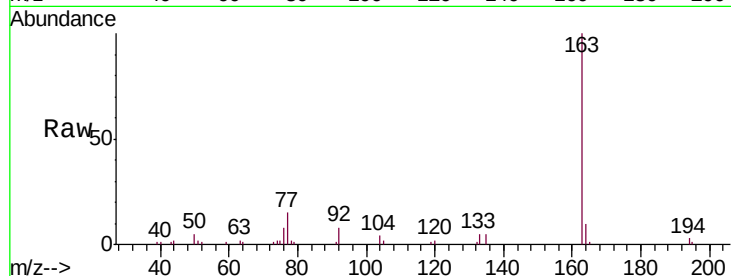
Tot Ion:163 Resp: 47626

Ion Ratio Lower Upper

163 100

194 3.5 4.2 6.2#

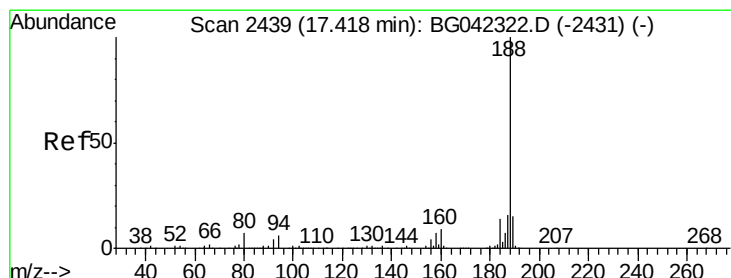
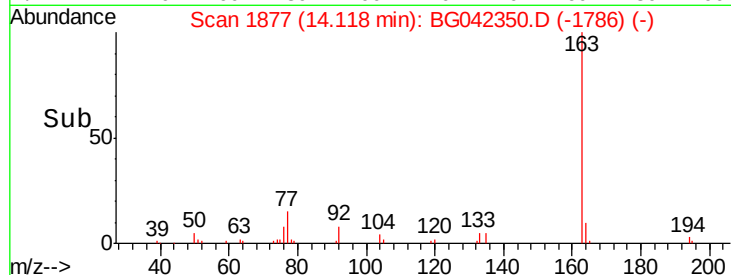
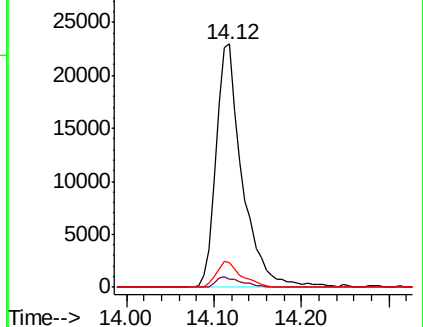
164 10.4 8.8 13.2



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. -0.00 min

Lab File: BG042350.D

Acq: 20 Aug 2019 9:23

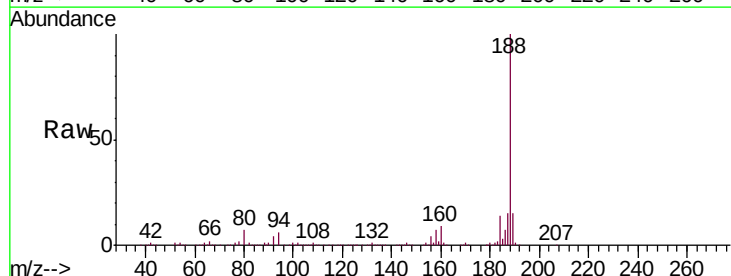
Tgt Ion:188 Resp: 435838

Ion Ratio Lower Upper

188 100

94 6.1 4.9 7.3

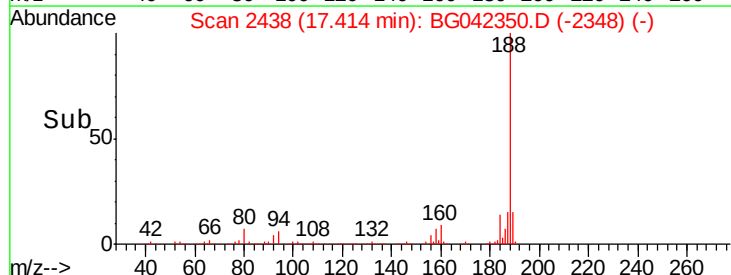
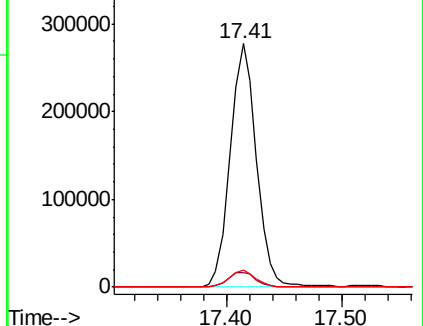
80 7.0 5.4 8.0

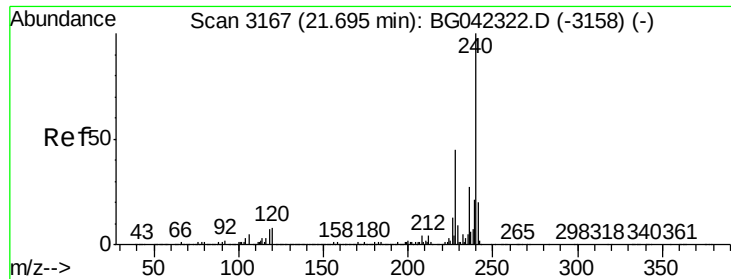


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

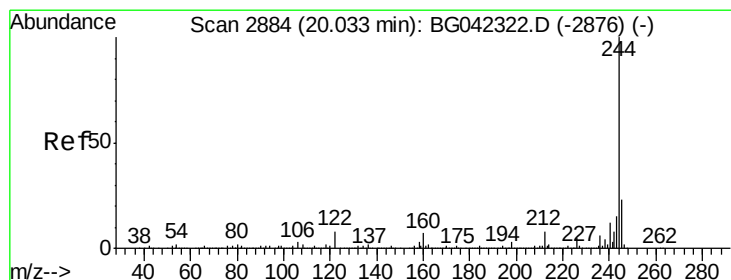
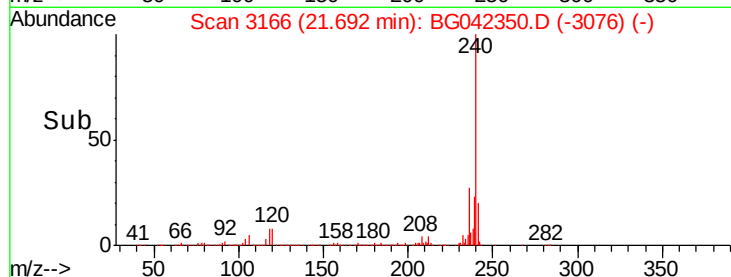
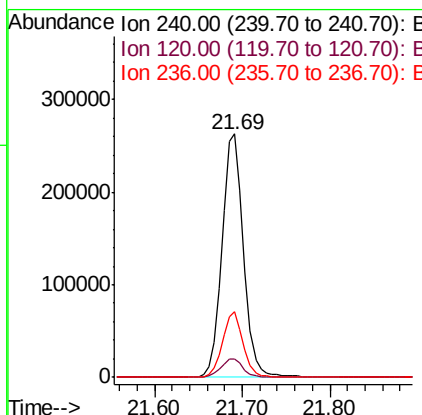
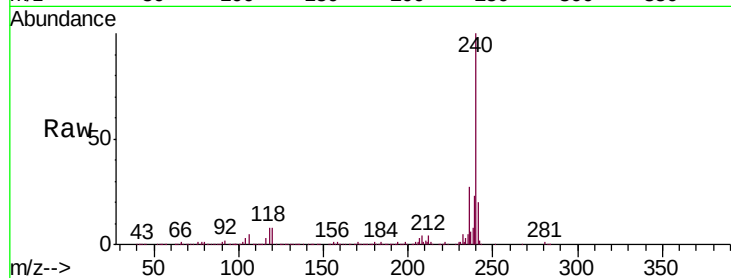




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042350.D
Acq: 20 Aug 2019 9:23

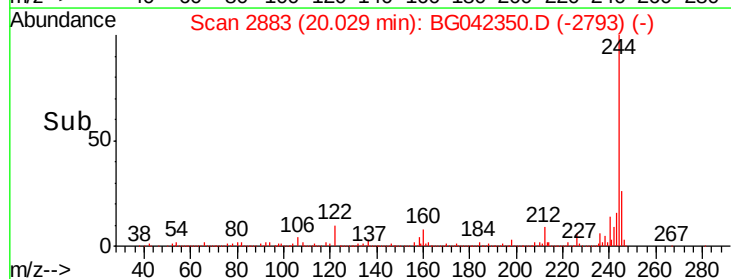
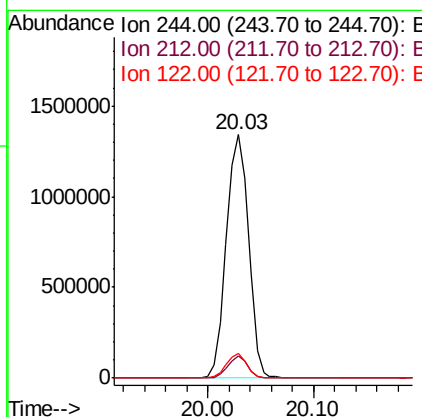
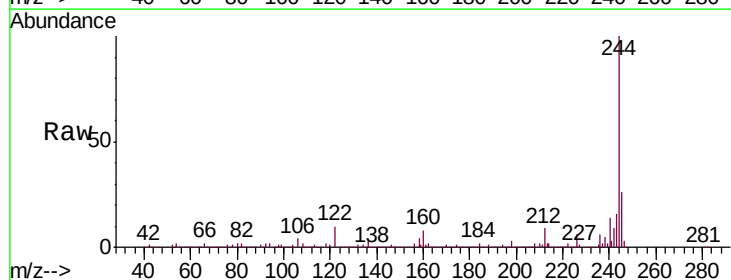
Instrument :
BNA_G
ClientSampleId :
T8-B-(0-2)

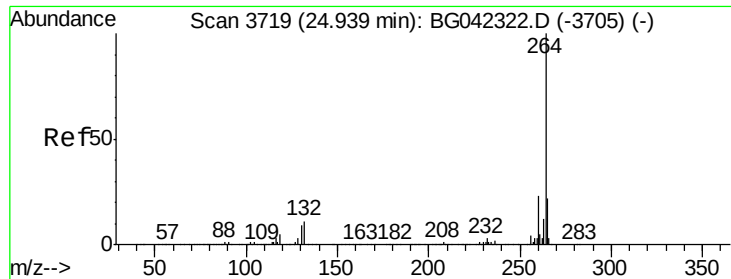
Tot Ion:240 Resp: 445769
Ion Ratio Lower Upper
240 100
120 7.5 6.0 9.0
236 26.7 21.6 32.4



#79
Terphenyl-d14
Concen: 96.028 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042350.D
Acq: 20 Aug 2019 9:23

Tgt Ion:244 Resp: 1954382
Ion Ratio Lower Upper
244 100
212 9.1 6.4 9.6
122 10.2 6.6 10.0#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042350.D
 Acq: 20 Aug 2019 9:23

Instrument :
 BNA_G
 ClientSampleId :
 T8-B-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.3	17.4	26.0

