

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042354.D
 Acq On : 20 Aug 2019 11:57
 Operator : HP/JU
 Sample : K4388-30
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T4-D-(0-2)

Quant Time: Aug 21 04:00:45 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

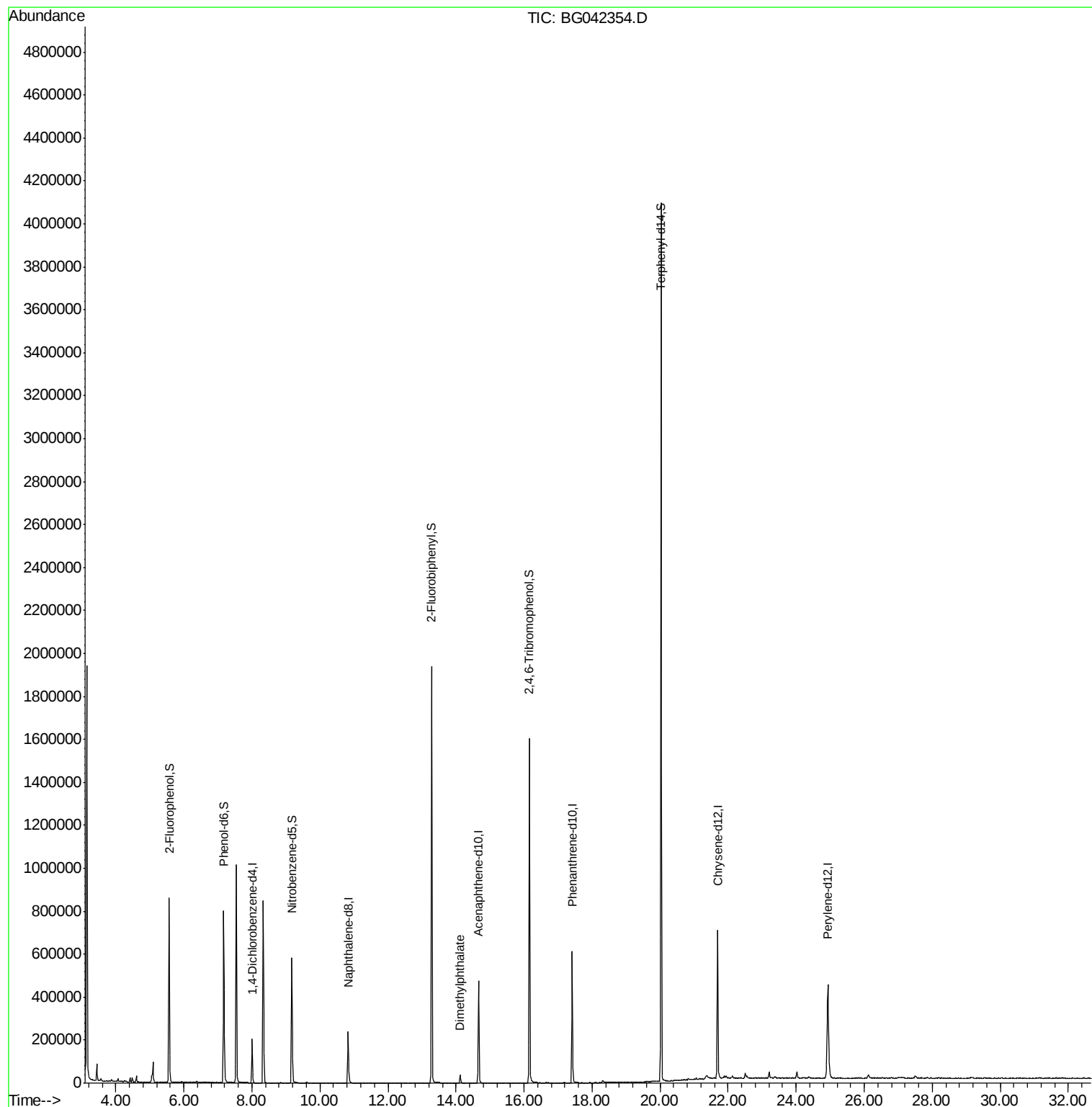
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68583	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	267017	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	192443	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	436575	20.00	ng	0.00
76) Chrysene-d12	21.69	240	449218	20.00	ng	0.00
87) Perylene-d12	24.93	264	512671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	445840	131.71	ng	0.00
7) Phenol-d6	7.17	99	549065	119.43	ng	0.00
23) Nitrobenzene-d5	9.17	82	382297	100.70	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	389938	148.77	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1167221	102.63	ng	0.00
79) Terphenyl-d14	20.03	244	1963603	95.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	43620	3.190	ng	99

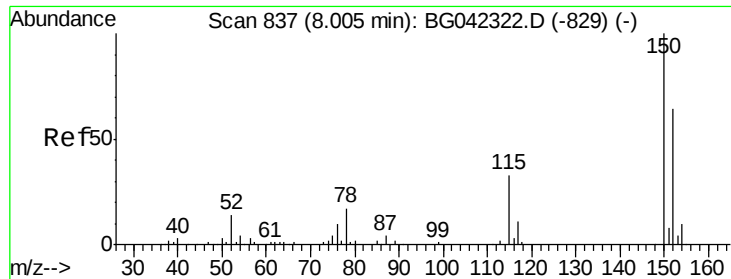
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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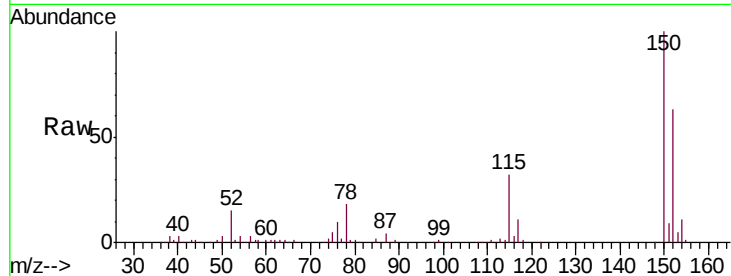


#1

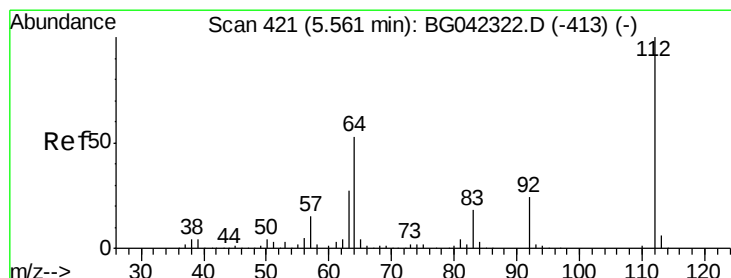
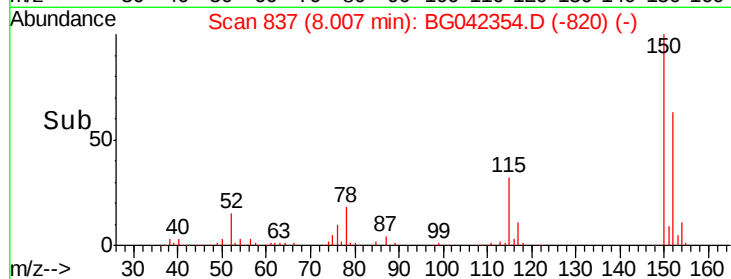
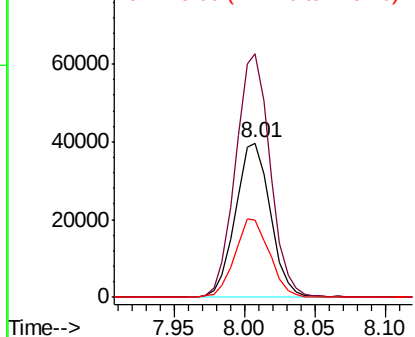
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042354.D
Acq: 20 Aug 2019 11:57

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

Tot Ion:152 Resp: 68583
Ion Ratio Lower Upper
152 100
150 157.9 124.3 186.5
115 50.3 40.5 60.7



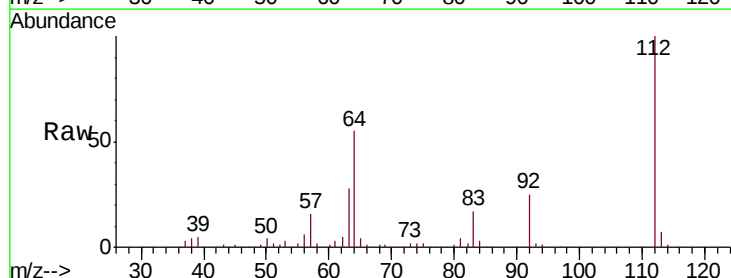
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



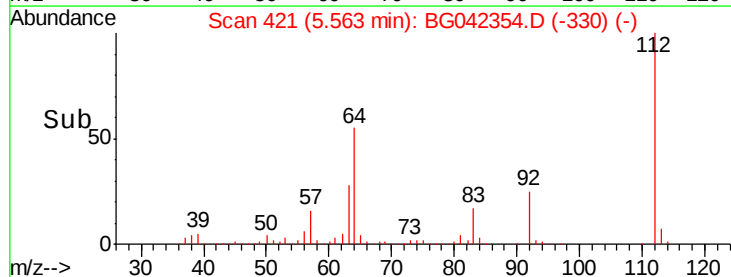
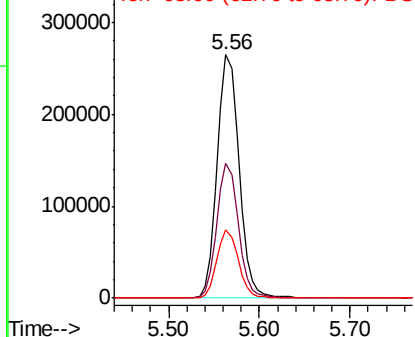
#5

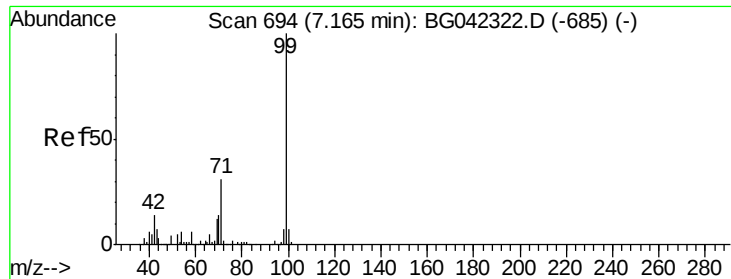
2-Fluorophenol
Concen: 131.711 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042354.D
Acq: 20 Aug 2019 11:57

Tgt Ion:112 Resp: 445840
Ion Ratio Lower Upper
112 100
64 55.3 42.5 63.7
63 27.9 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: 119.434 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042354.D

Acq: 20 Aug 2019 11:57

Instrument :

BNA_G

ClientSampleId :

T4-D-(0-2)

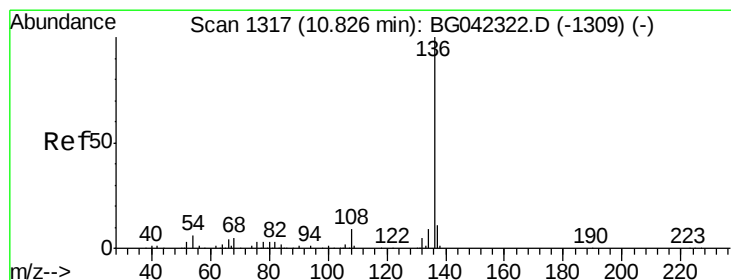
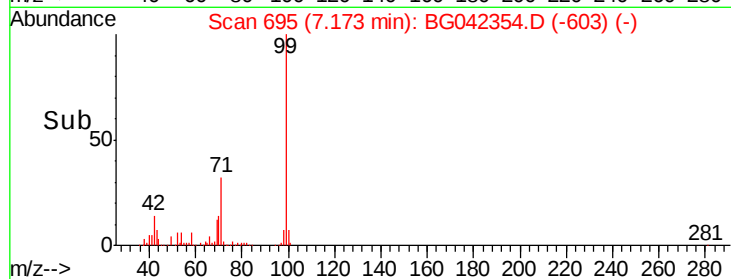
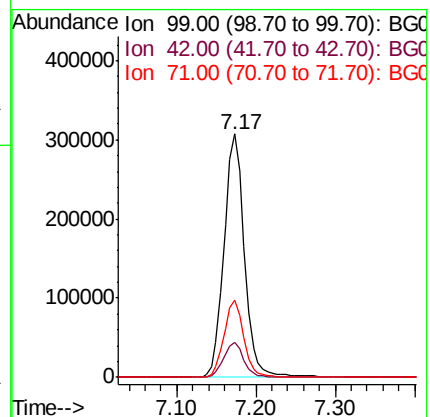
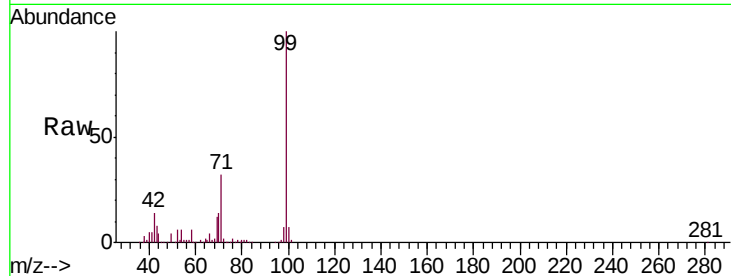
Tot Ion: 99 Resp: 549065

Ion Ratio Lower Upper

99 100

42 14.4 11.4 17.0

71 31.9 25.1 37.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042354.D

Acq: 20 Aug 2019 11:57

Tgt Ion: 136 Resp: 267017

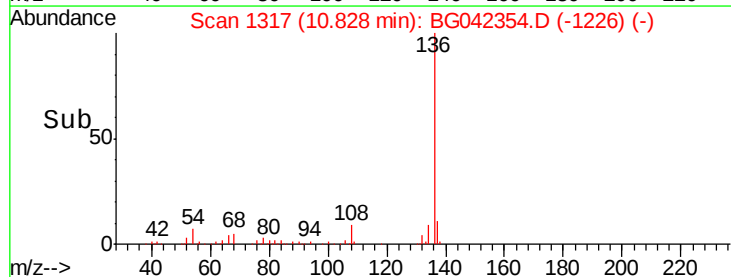
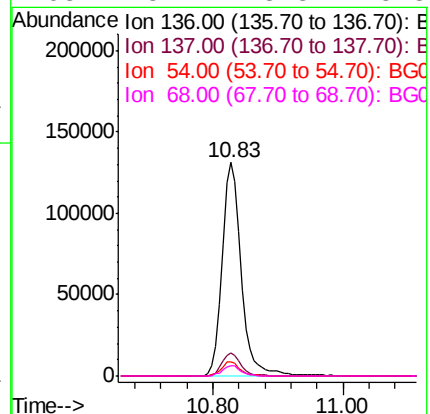
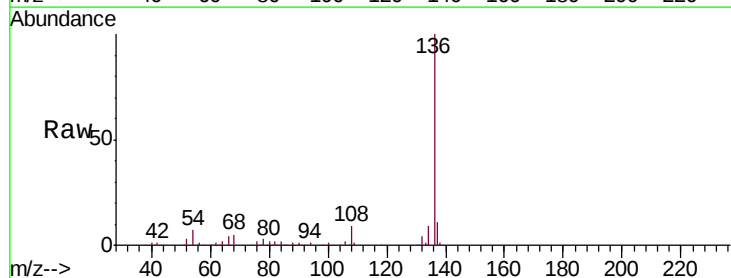
Ion Ratio Lower Upper

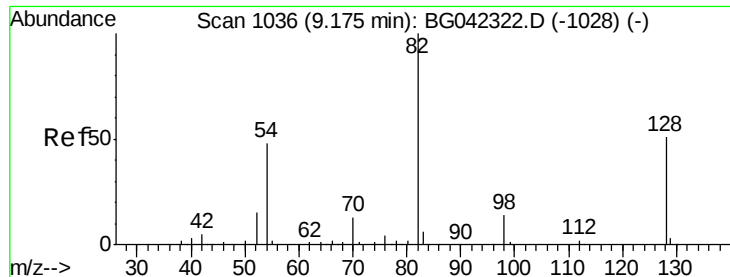
136 100

137 10.6 8.4 12.6

54 6.9 5.0 7.4

68 5.1 3.8 5.8

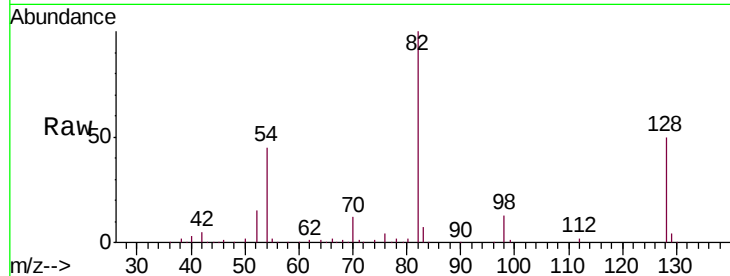




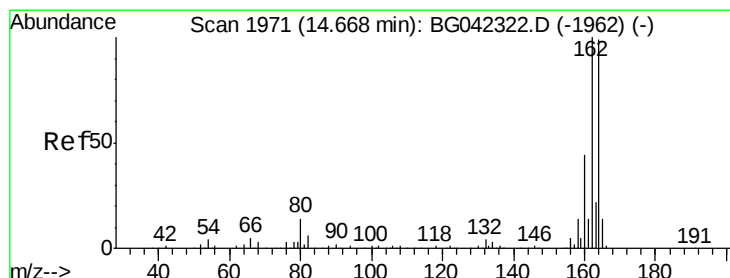
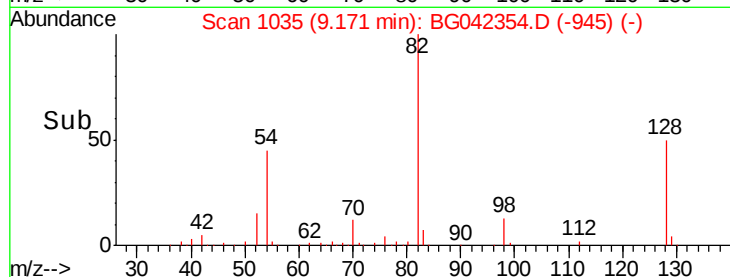
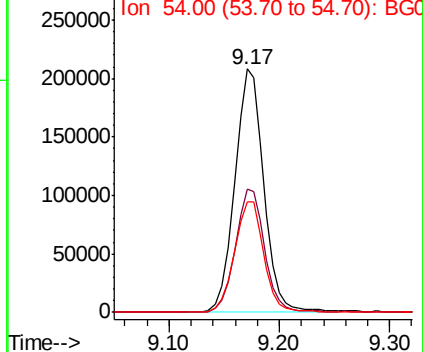
#23
Nitrobenzene-d5
Concen: 100.698 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042354.D
Acq: 20 Aug 2019 11:57

Instrument :
BNA_G
ClientSampled :
T4-D-(0-2)

Tot Ion: 82 Resp: 382297
Ion Ratio Lower Upper
82 100
128 50.4 41.0 61.4
54 45.4 38.0 57.0

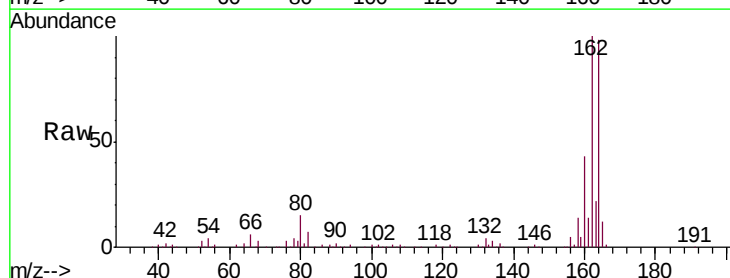


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

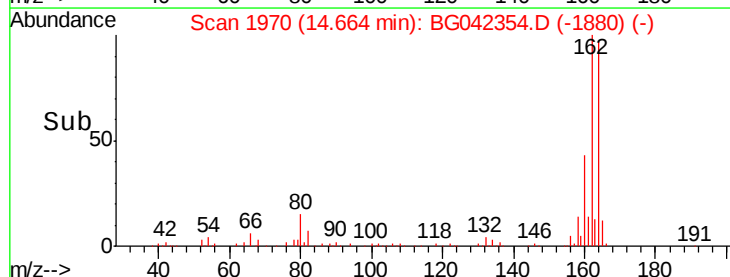
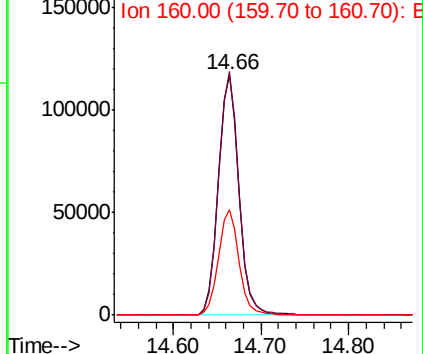


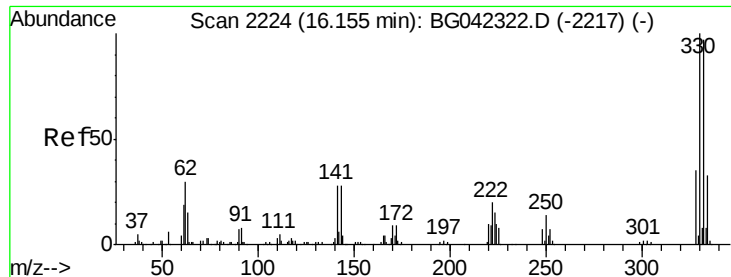
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042354.D
Acq: 20 Aug 2019 11:57

Tgt Ion:164 Resp: 192443
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 44.1 35.7 53.5



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: 148.773 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042354.D

Acq: 20 Aug 2019 11:57

Instrument :

BNA_G

ClientSampleId :

T4-D-(0-2)

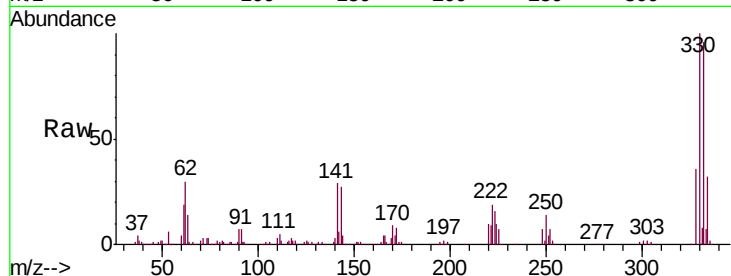
Tot Ion:330 Resp: 389938

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

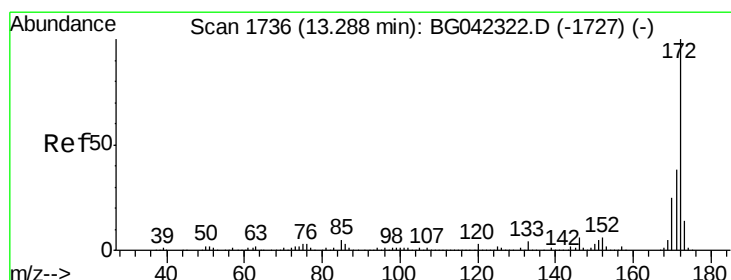
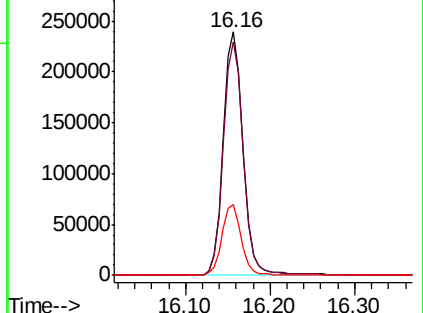
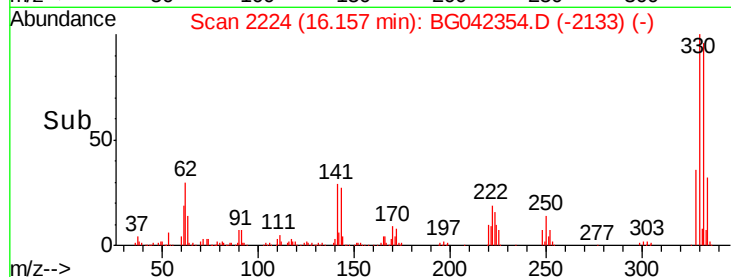
141 28.6 21.8 32.6



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: 102.634 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042354.D

Acq: 20 Aug 2019 11:57

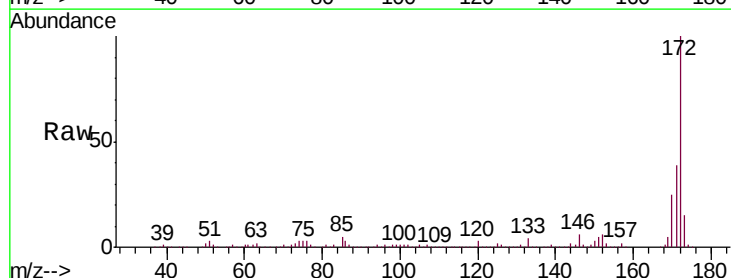
Tgt Ion:172 Resp: 1167221

Ion Ratio Lower Upper

172 100

171 39.2 30.3 45.5

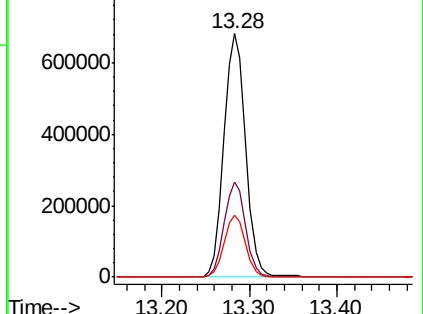
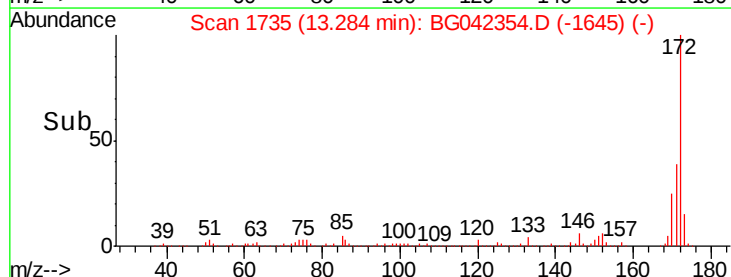
170 25.4 20.0 30.0

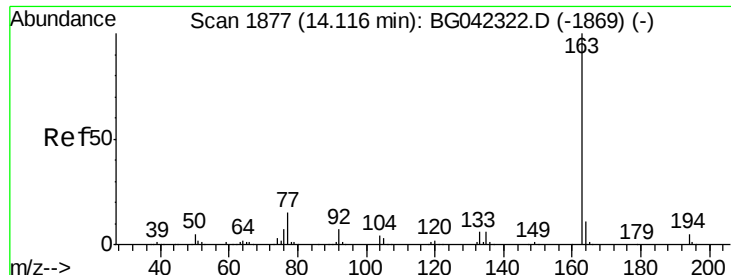


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.190 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042354.D

Acq: 20 Aug 2019 11:57

Instrument :

BNA_G

ClientSampled :

T4-D-(0-2)

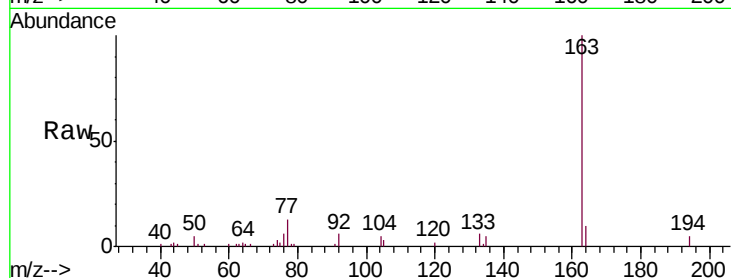
Tot Ion:163 Resp: 43620

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

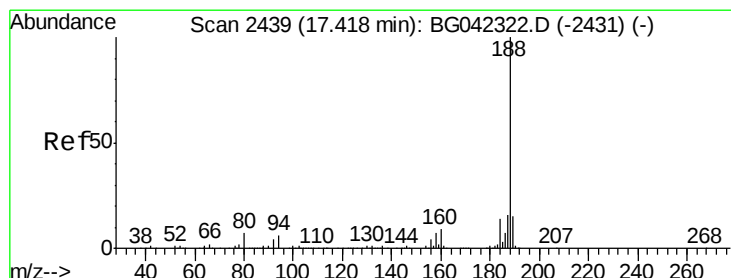
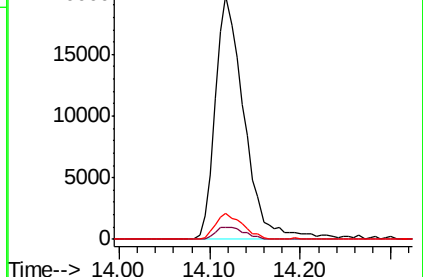
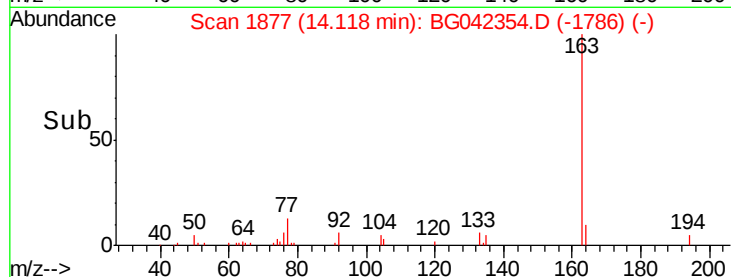
164 10.4 8.8 13.2



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: BG042354.D

Acq: 20 Aug 2019 11:57

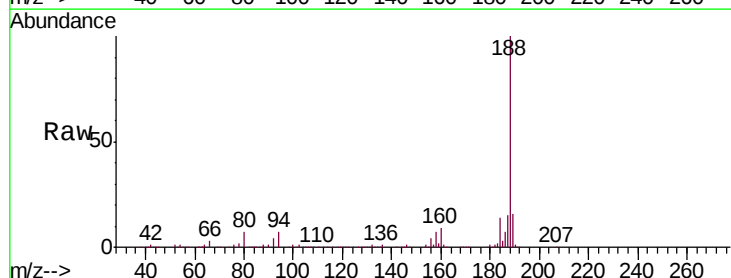
Tgt Ion:188 Resp: 436575

Ion Ratio Lower Upper

188 100

94 7.1 4.9 7.3

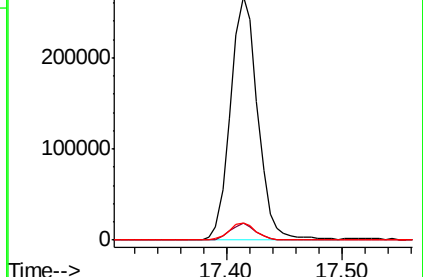
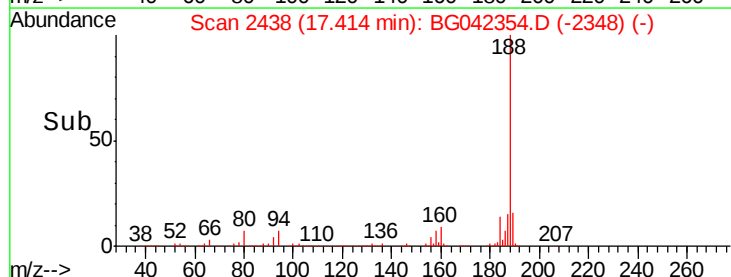
80 7.2 5.4 8.0

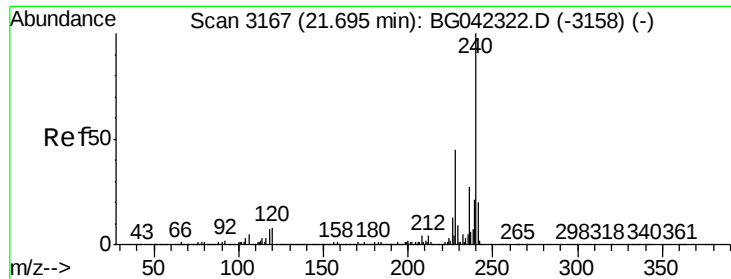


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

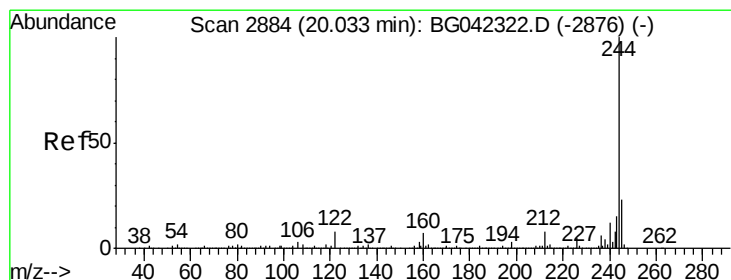
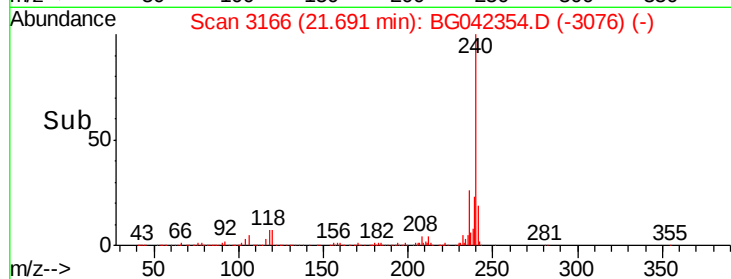
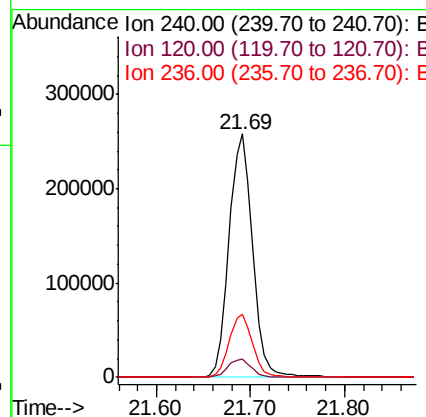
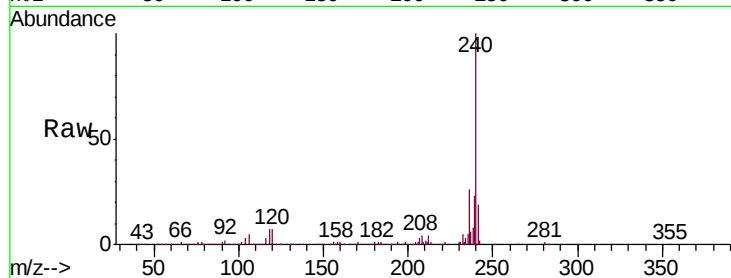




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042354.D
Acq: 20 Aug 2019 11:57

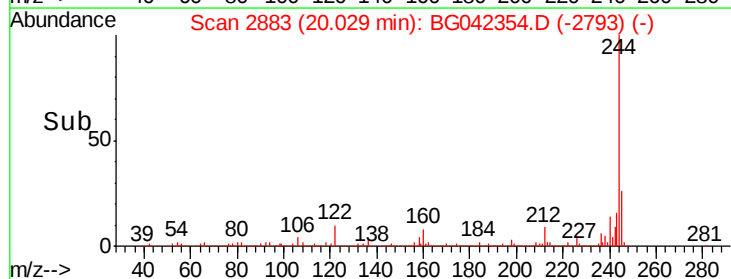
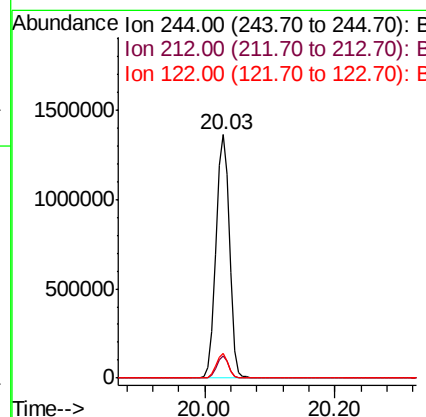
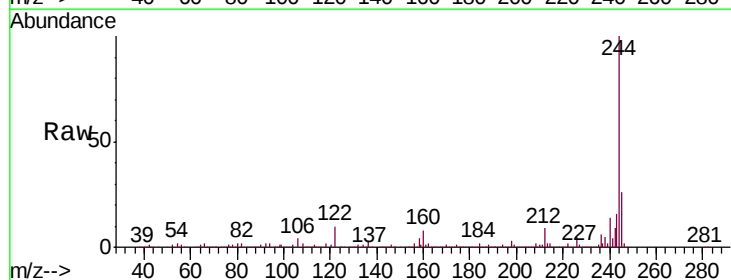
Instrument :
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T4-D-(0-2)

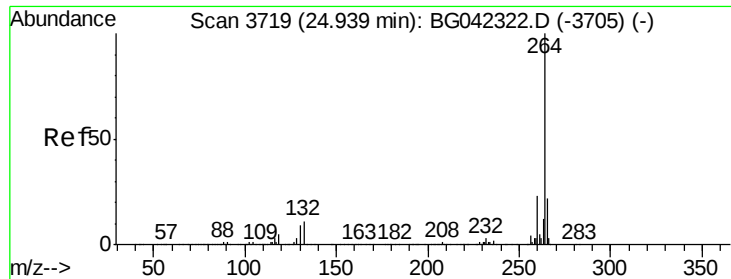
Tot Ion:240 Resp: 449218
Ion Ratio Lower Upper
240 100
120 7.5 6.0 9.0
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 95.741 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042354.D
Acq: 20 Aug 2019 11:57

Tgt Ion:244 Resp: 1963603
Ion Ratio Lower Upper
244 100
212 9.1 6.4 9.6
122 10.3 6.6 10.0#



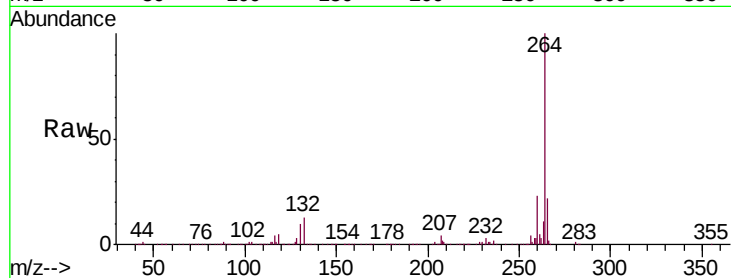


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042354.D
Acq: 20 Aug 2019 11:57

Instrument :
BNA_G
ClientSampleId :
T4-D-(0-2)

Tot Ion:264 Resp: 512671

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.1	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

