

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042353.D
 Acq On : 20 Aug 2019 11:18
 Operator : HP/JU
 Sample : K4388-27
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 21 03:58:44 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

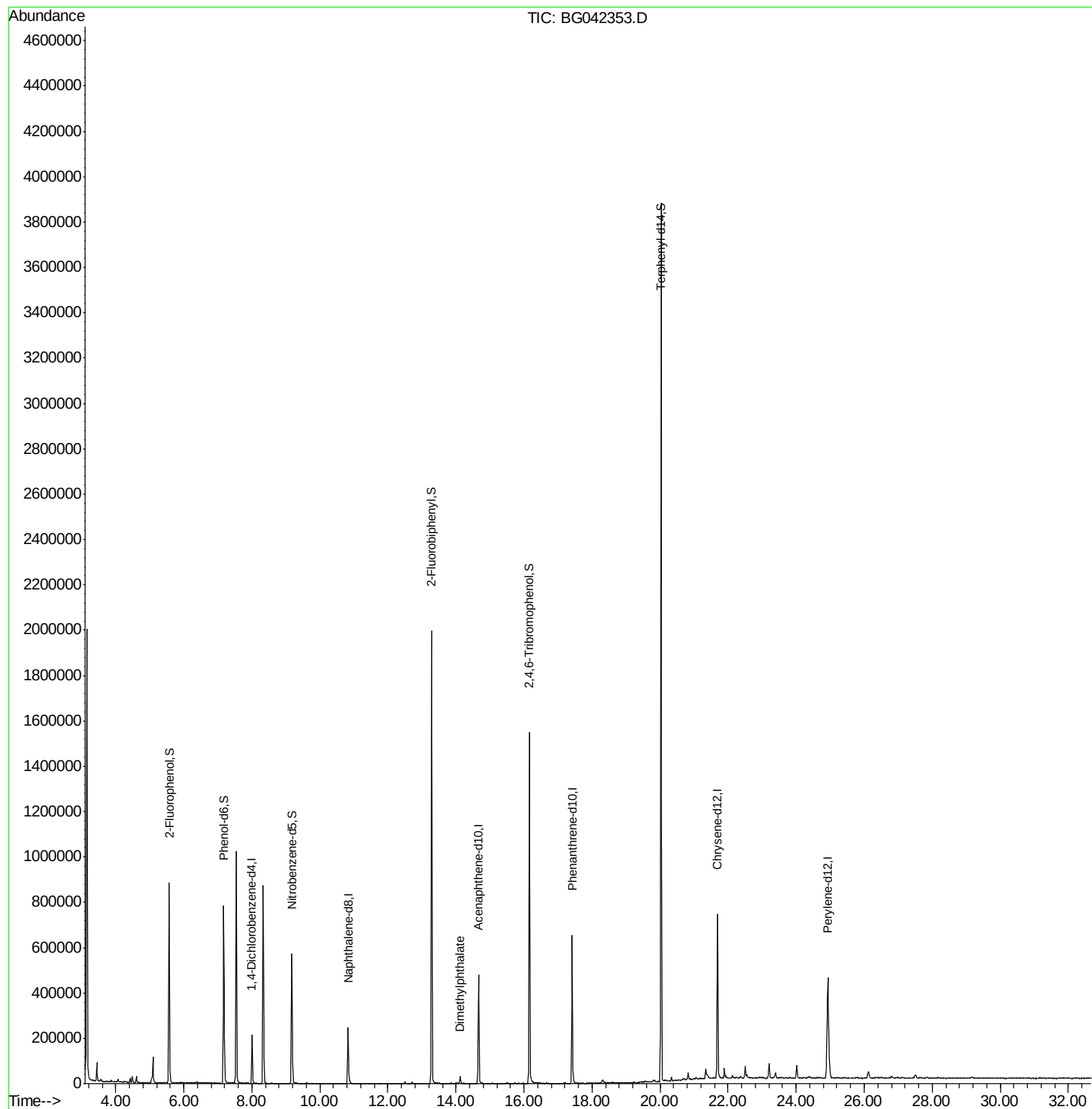
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	70626	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	272229	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	196967	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	450610	20.00	ng	0.00
76) Chrysene-d12	21.69	240	460025	20.00	ng	0.00
87) Perylene-d12	24.93	264	538678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	449082	128.83	ng	0.00
7) Phenol-d6	7.17	99	549382	116.05	ng	0.00
23) Nitrobenzene-d5	9.17	82	379174	97.96	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	385229	143.60	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1145671	98.43	ng	0.00
79) Terphenyl-d14	20.03	244	1939079	92.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	36184	2.585	ng	Qvalue 96

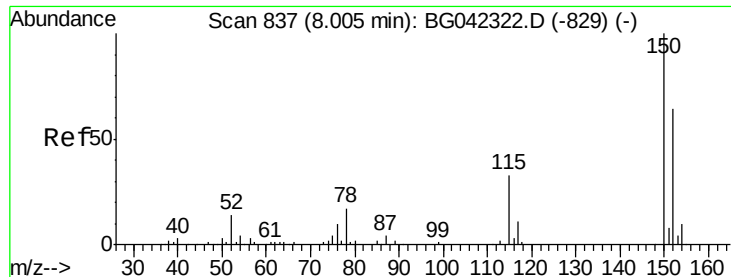
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration



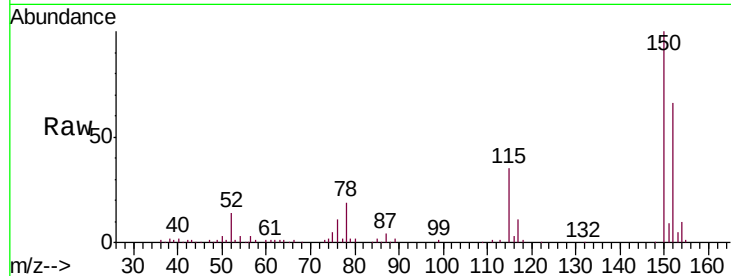


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042353.D
Acq: 20 Aug 2019 11:18

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.3	186.5
115	52.2	40.5	60.7

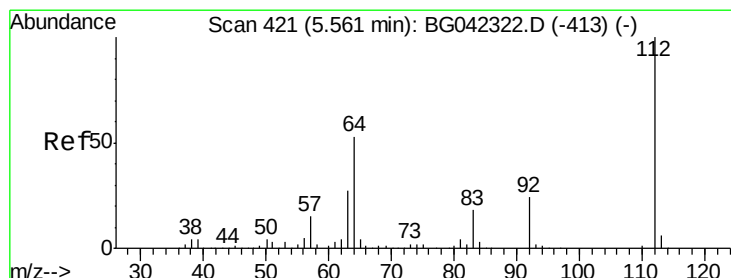
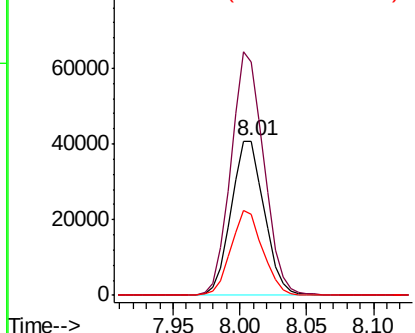
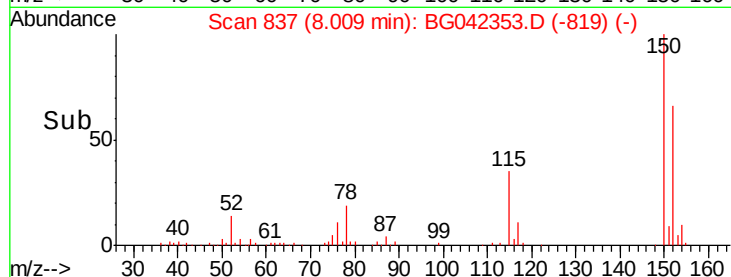


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

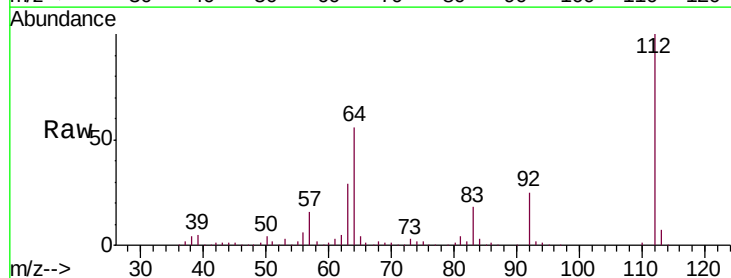
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.831 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042353.D
Acq: 20 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.5	63.7
63	28.7	21.7	32.5

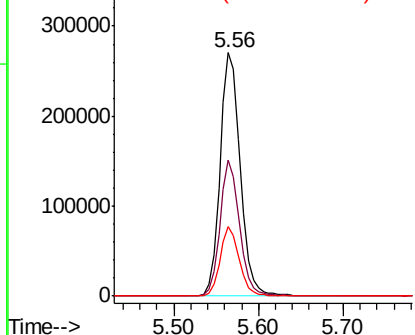
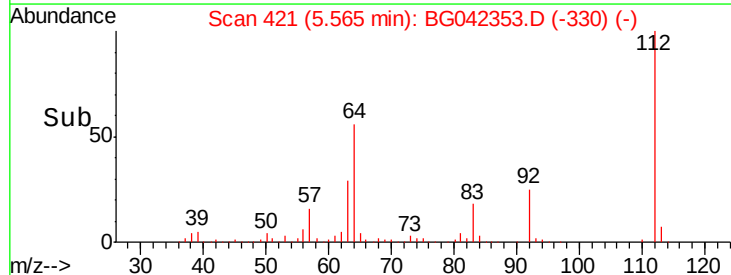


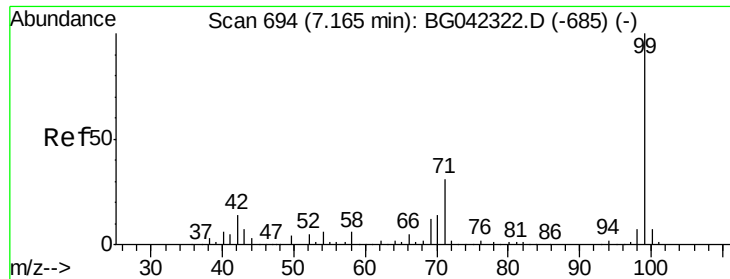
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.046 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042353.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_G

ClientSampleId :

T4-C-(0-2)

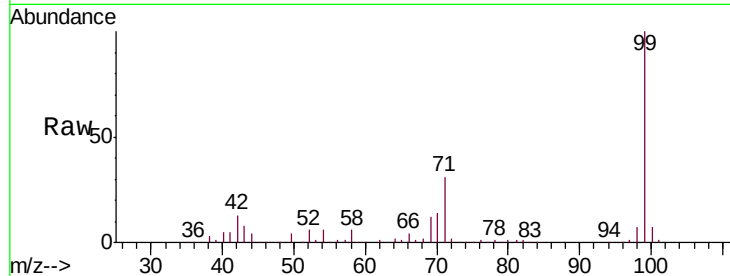
Tot Ion: 99 Resp: 549382

Ion Ratio Lower Upper

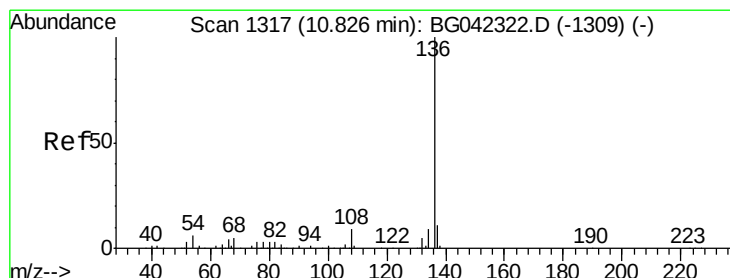
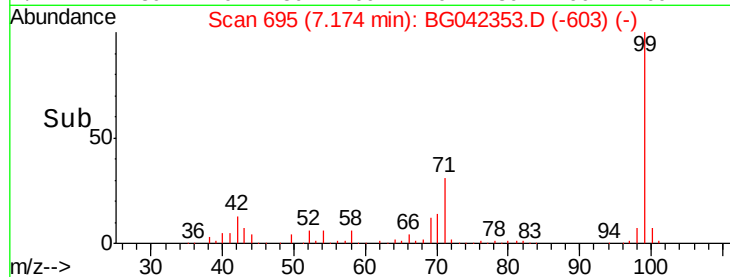
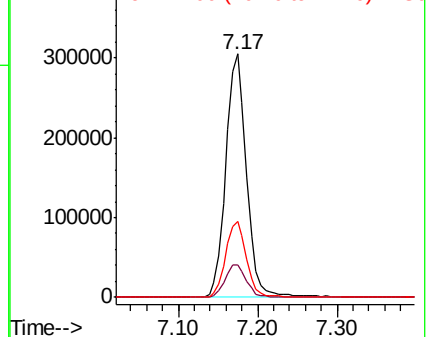
99 100

42 13.5 11.4 17.0

71 31.1 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: BG042353.D

Acq: 20 Aug 2019 11:18

Tgt Ion: 136 Resp: 272229

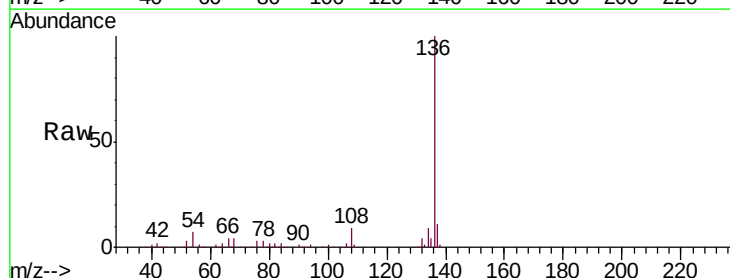
Ion Ratio Lower Upper

136 100

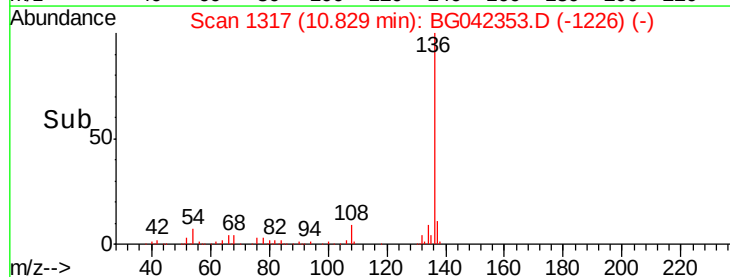
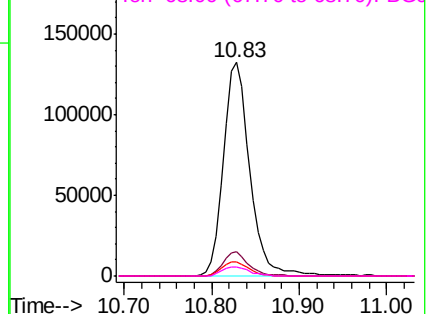
137 11.1 8.4 12.6

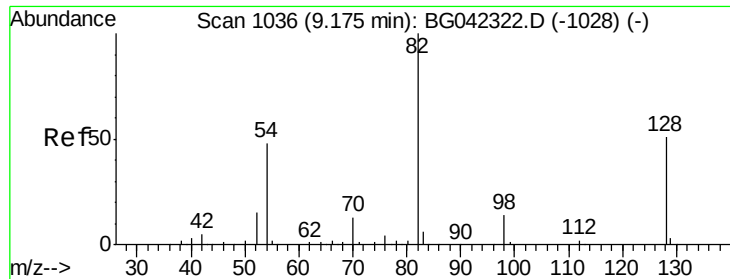
54 6.8 5.0 7.4

68 4.5 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

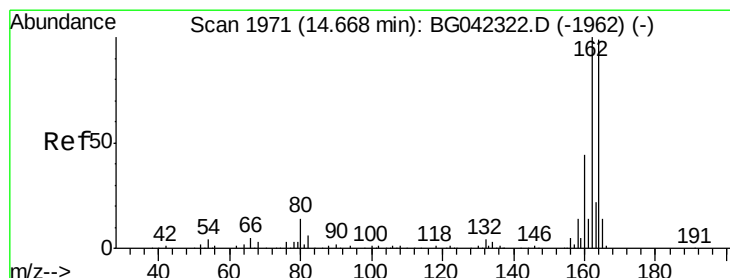
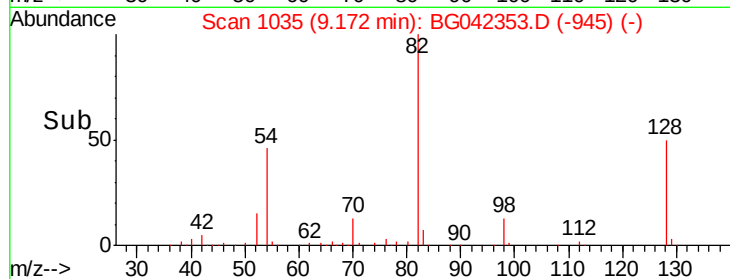
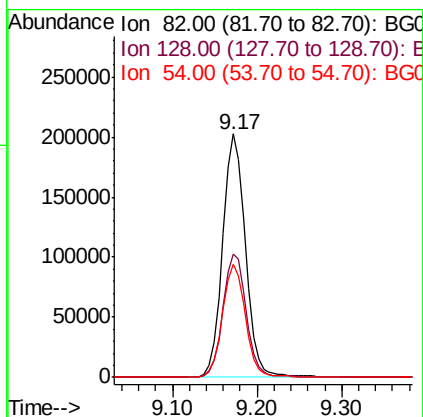
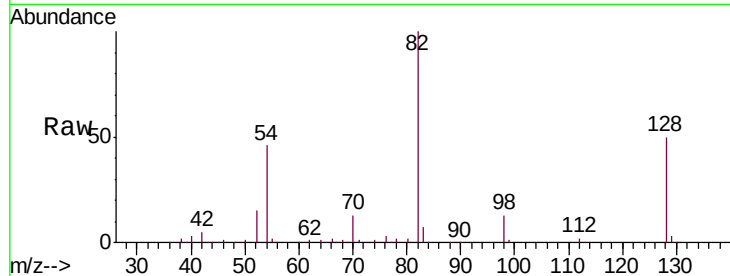




#23
 Nitrobenzene-d5
 Concen: 97.963 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042353.D
 Acq: 20 Aug 2019 11:18

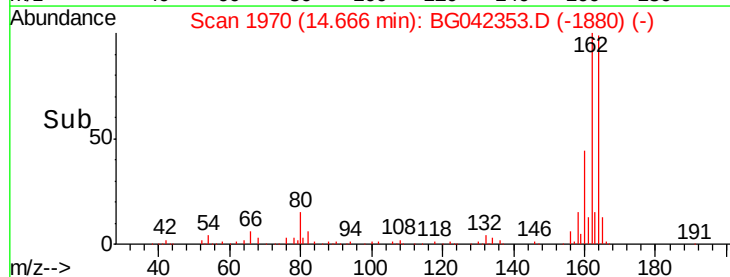
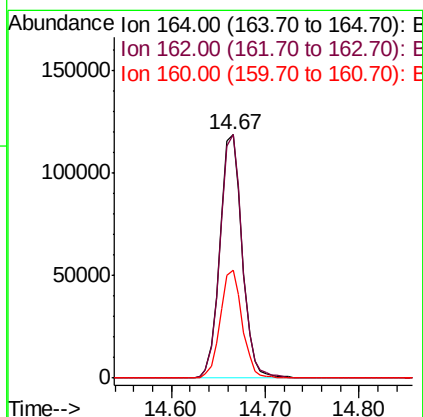
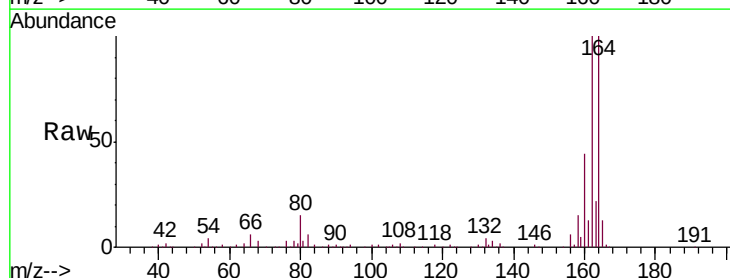
Instrument :
 BNA_G
 ClientSampled :
 T4-C-(0-2)

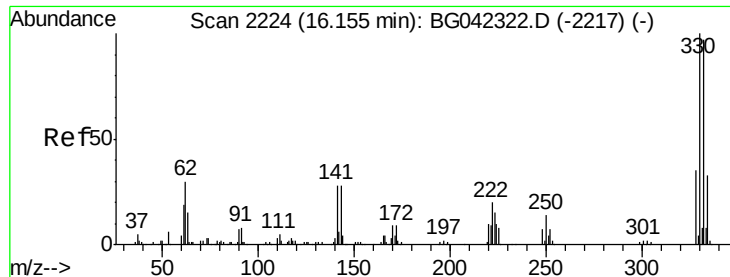
Tot Ion: 82 Resp: 379174
 Ion Ratio Lower Upper
 82 100
 128 50.4 41.0 61.4
 54 46.3 38.0 57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG042353.D
 Acq: 20 Aug 2019 11:18

Tgt Ion: 164 Resp: 196967
 Ion Ratio Lower Upper
 164 100
 162 99.9 80.6 120.8
 160 44.2 35.7 53.5

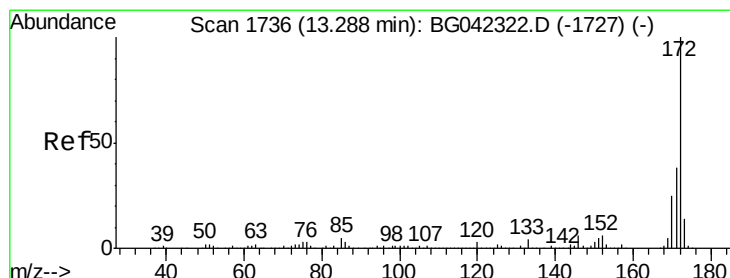
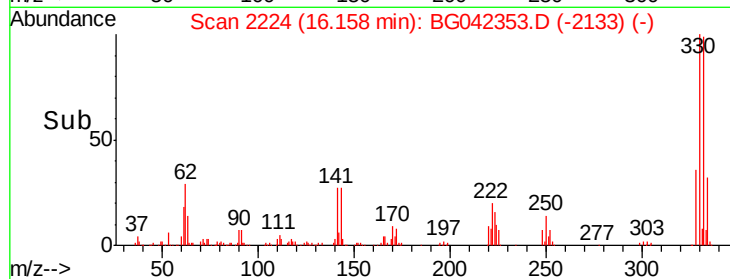
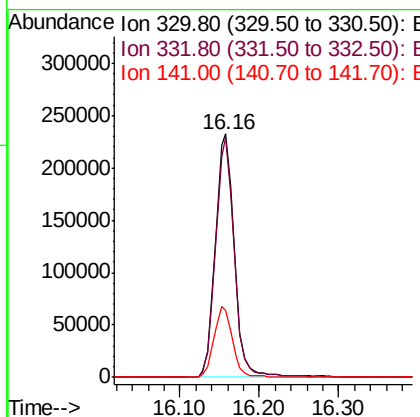
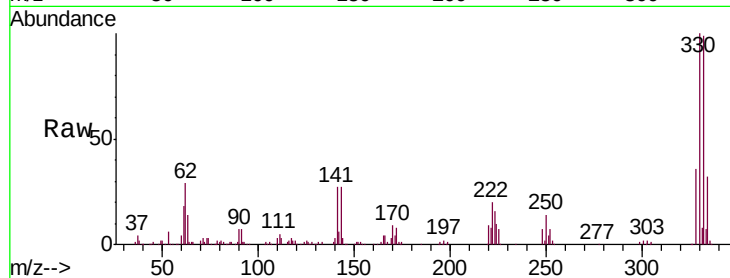




#42
 2,4,6-Tribromophenol
 Concen: 143.600 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BG042353.D
 Acq: 20 Aug 2019 11:18

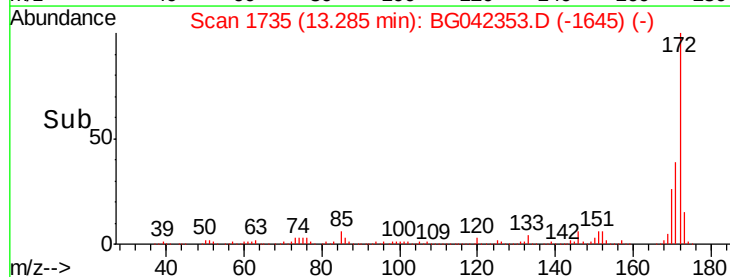
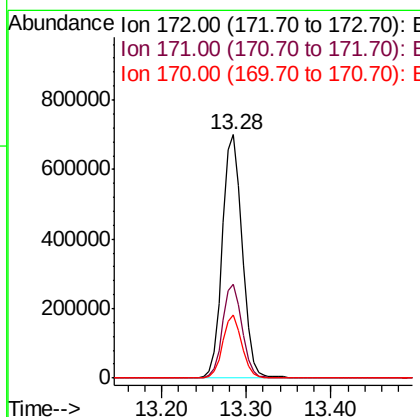
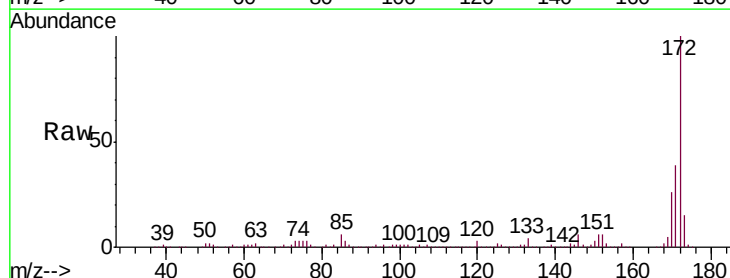
Instrument :
 BNA_G
 ClientSampleId :
 T4-C-(0-2)

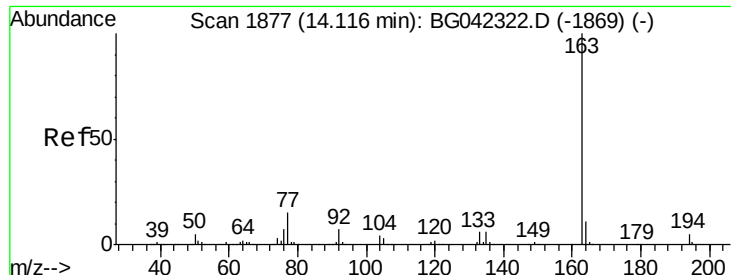
Tot Ion:330 Resp: 385229
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 28.5 21.8 32.6



#45
 2-Fluorobiphenyl
 Concen: 98.425 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042353.D
 Acq: 20 Aug 2019 11:18

Tgt Ion:172 Resp: 1145671
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.3 45.5
 170 25.7 20.0 30.0





#50

Dimethylphthalate

Concen: 2.585 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042353.D

Acq: 20 Aug 2019 11:18

Instrument :

BNA_G

ClientSampleId :

T4-C-(0-2)

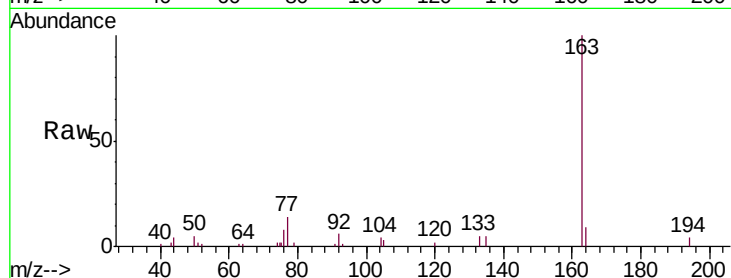
Tot Ion:163 Resp: 36184

Ion Ratio Lower Upper

163 100

194 4.3 4.2 6.2

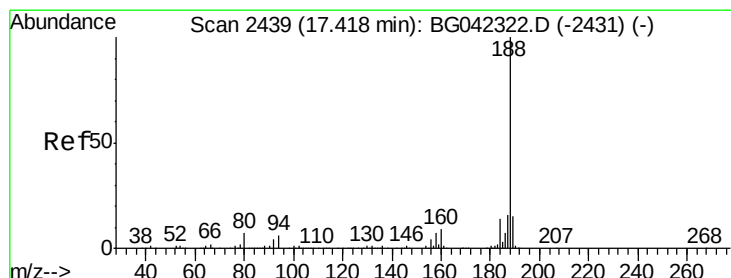
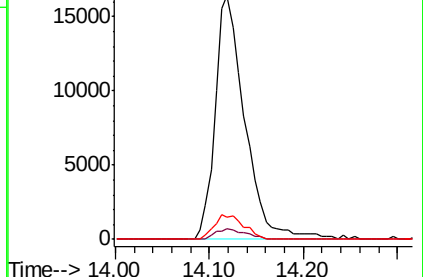
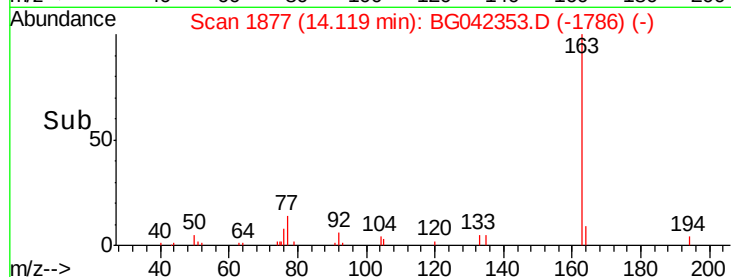
164 9.0 8.8 13.2



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: 17.42 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042353.D

Acq: 20 Aug 2019 11:18

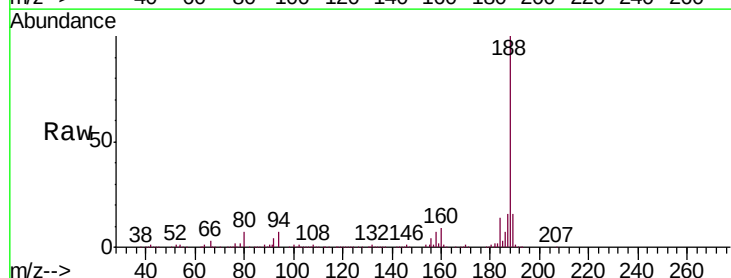
Tgt Ion:188 Resp: 450610

Ion Ratio Lower Upper

188 100

94 7.0 4.9 7.3

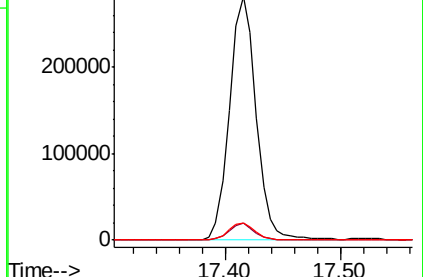
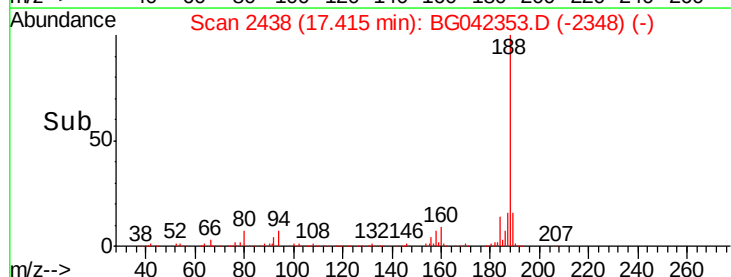
80 6.8 5.4 8.0

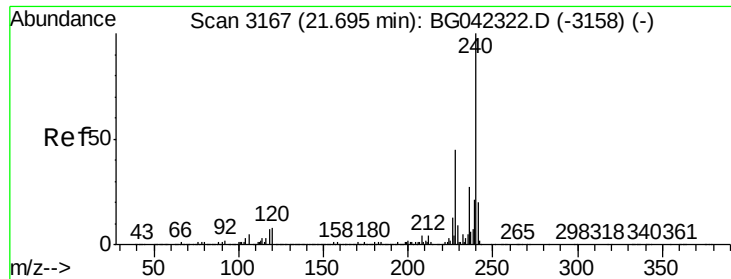


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

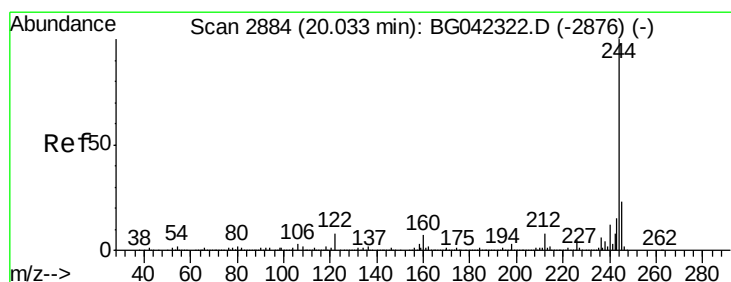
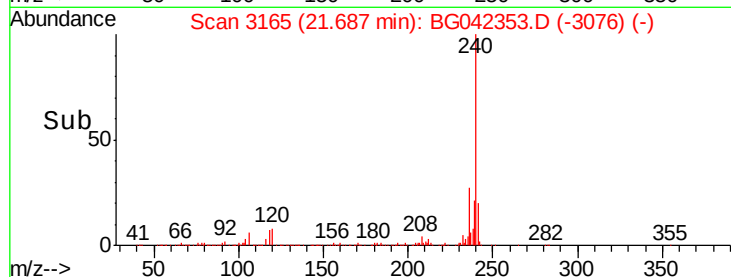
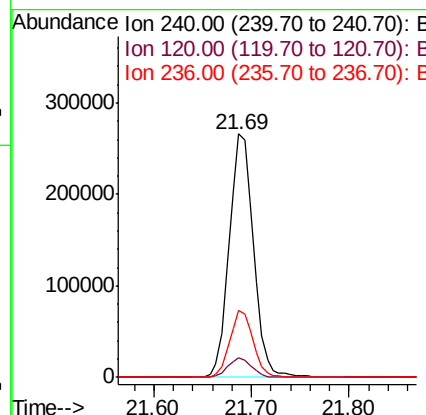
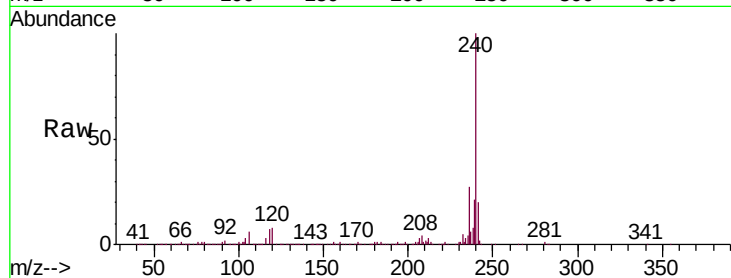




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042353.D
Acq: 20 Aug 2019 11:18

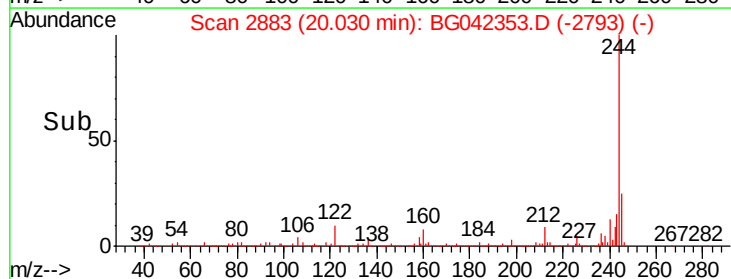
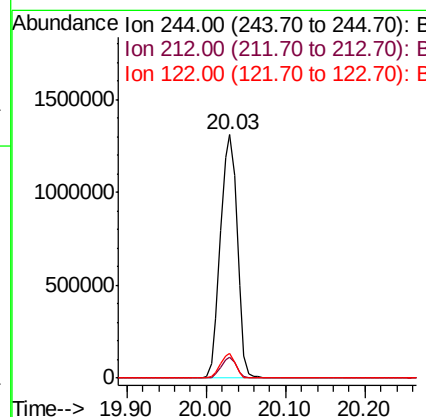
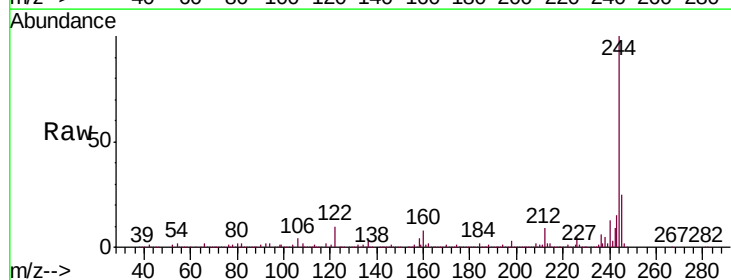
Instrument :
BNA_G
ClientSampleId :
T4-C-(0-2)

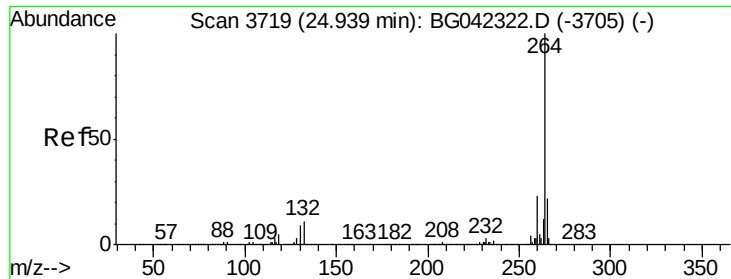
Tot Ion:240 Resp: 460025
Ion Ratio Lower Upper
240 100
120 8.1 6.0 9.0
236 27.3 21.6 32.4



#79
Terphenyl-d14
Concen: 92.324 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042353.D
Acq: 20 Aug 2019 11:18

Tgt Ion:244 Resp: 1939079
Ion Ratio Lower Upper
244 100
212 8.8 6.4 9.6
122 10.0 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: BG042353.D
 Acq: 20 Aug 2019 11:18

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	21.8	17.4	26.0

