

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042356.D
 Acq On : 20 Aug 2019 13:14
 Operator : HP/JU
 Sample : K4387-38
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T4-B1-B4-(0-2)

Quant Time: Aug 21 04:05:25 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	8.00	152	71183	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	276313	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	199689	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	444615	20.00	ng	0.00
76) Chrysene-d12	21.69	240	456504	20.00	ng	0.00
87) Perylene-d12	24.93	264	529909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	467088	132.95	ng	0.00
7) Phenol-d6	7.17	99	576617	120.85	ng	0.00
23) Nitrobenzene-d5	9.17	82	410413	104.47	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	407093	149.68	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1192633	101.06	ng	0.00
79) Terphenyl-d14	20.03	244	2036542	97.71	ng	0.00

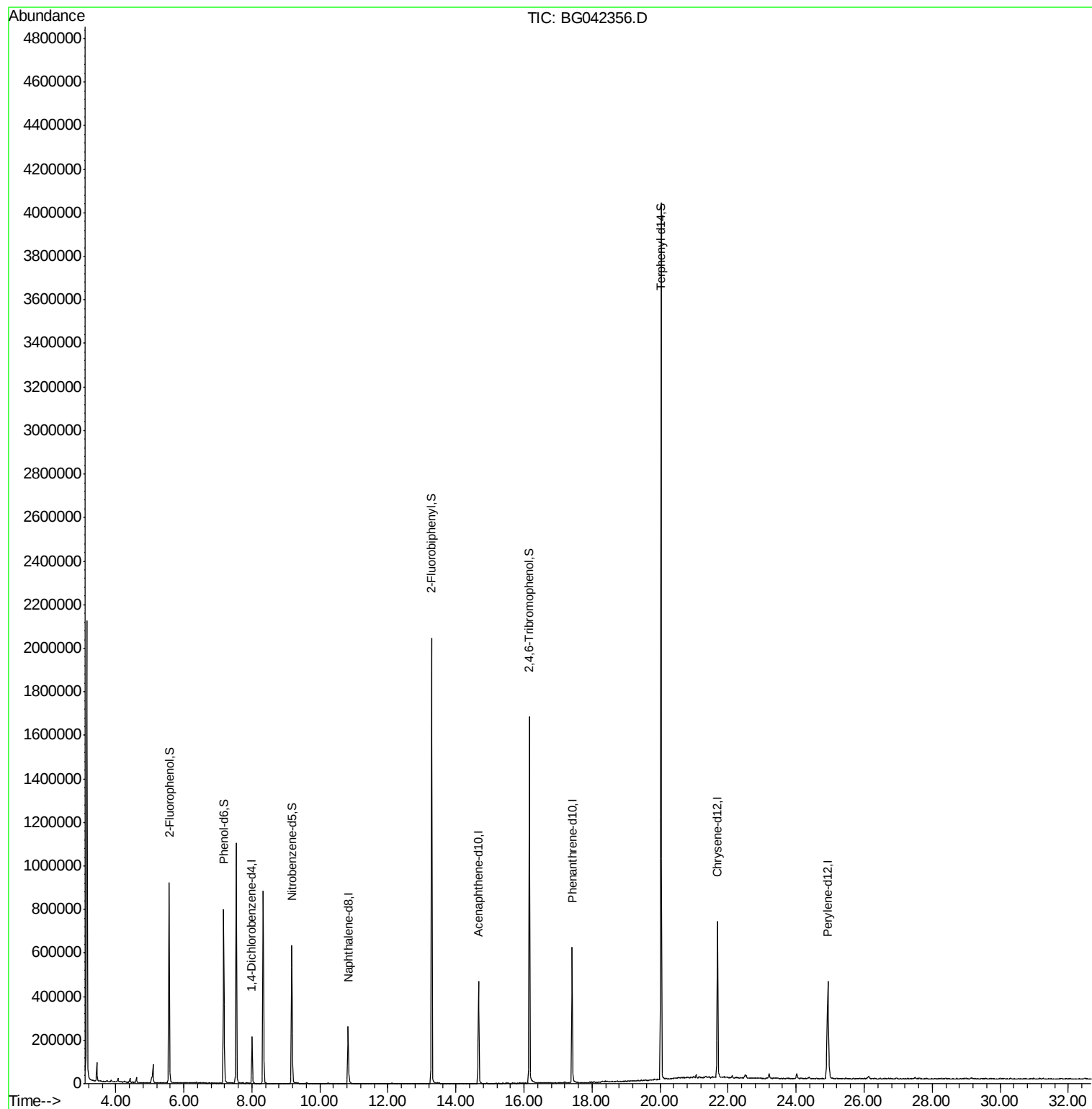
Target Compounds Qvalue

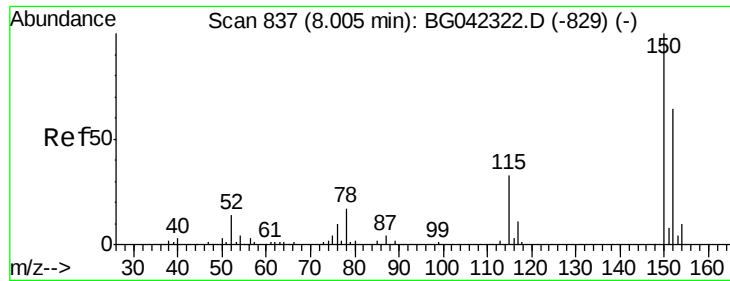
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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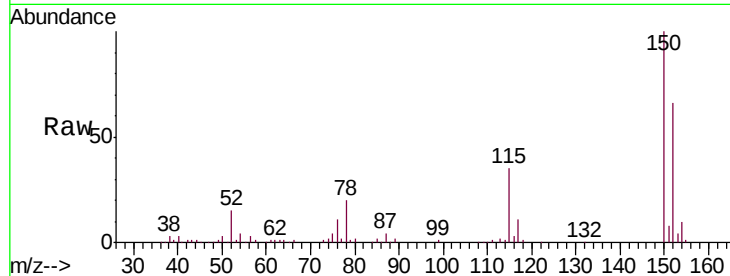


#1

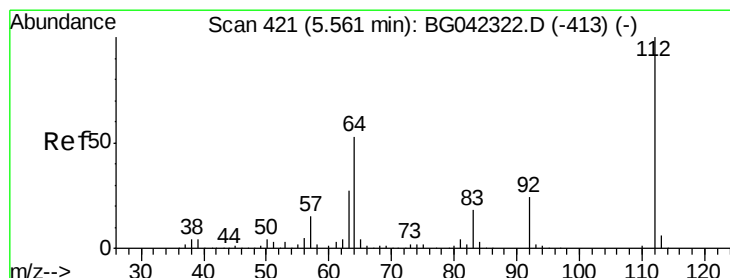
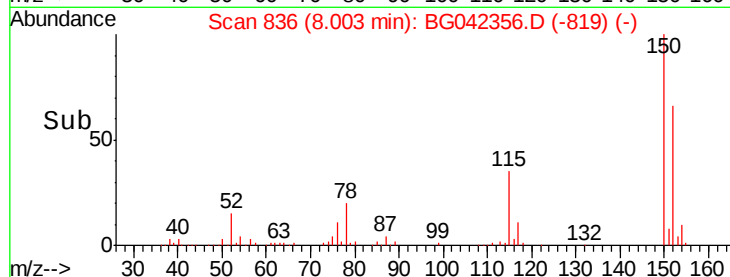
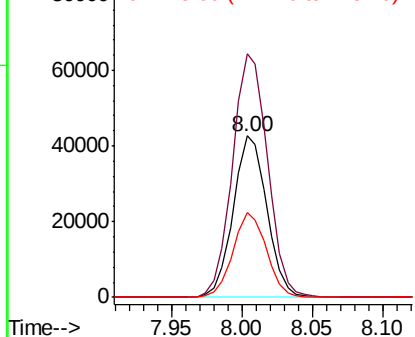
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042356.D
Acq: 20 Aug 2019 13:14

Instrument :
BNA_G
ClientSampleId :
T4-B1-B4-(0-2)

Tot Ion:152 Resp: 71183
Ion Ratio Lower Upper
152 100
150 150.7 124.3 186.5
115 52.3 40.5 60.7



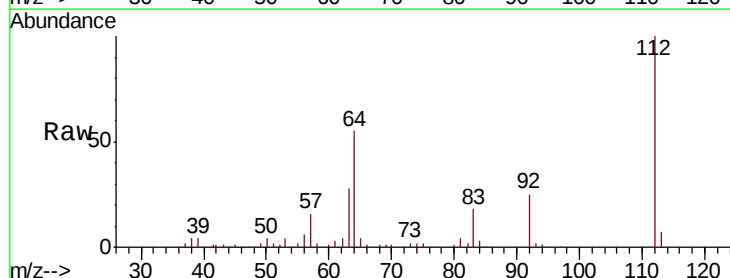
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



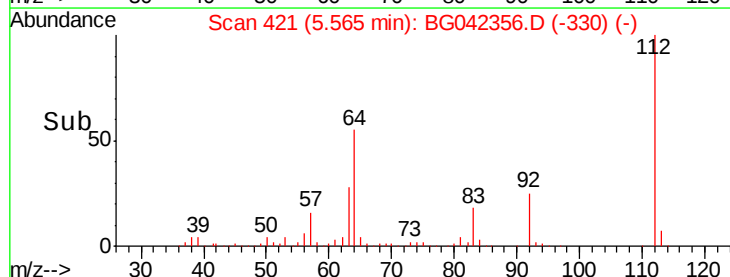
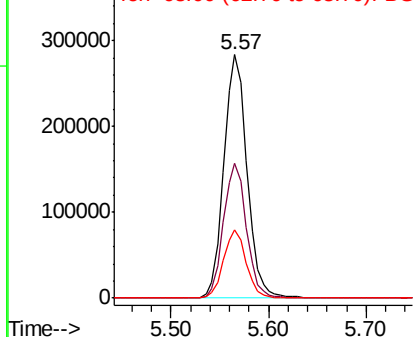
#5

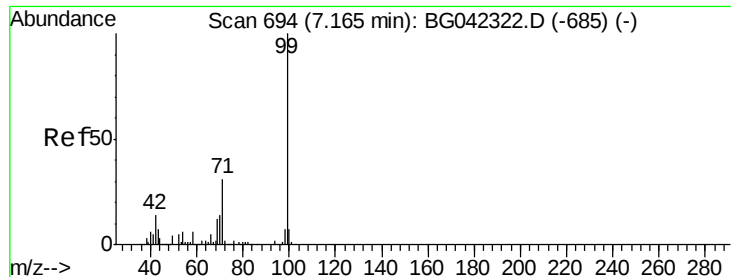
2-Fluorophenol
Concen: 132.948 ng
RT: 5.57 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042356.D
Acq: 20 Aug 2019 13:14

Tgt Ion:112 Resp: 467088
Ion Ratio Lower Upper
112 100
64 55.3 42.5 63.7
63 28.0 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: 120.846 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042356.D

Acq: 20 Aug 2019 13:14

Instrument :

BNA_G

ClientSampleId :

T4-B1-B4-(0-2)

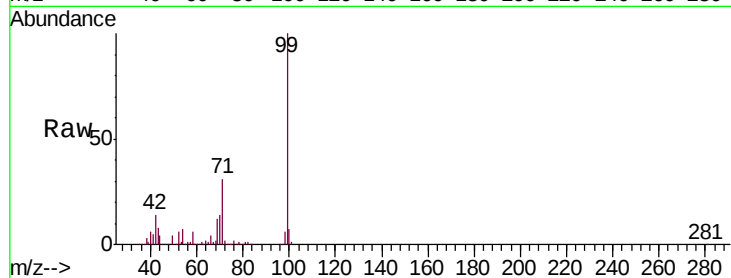
Tot Ion: 99 Resp: 576617

Ion Ratio Lower Upper

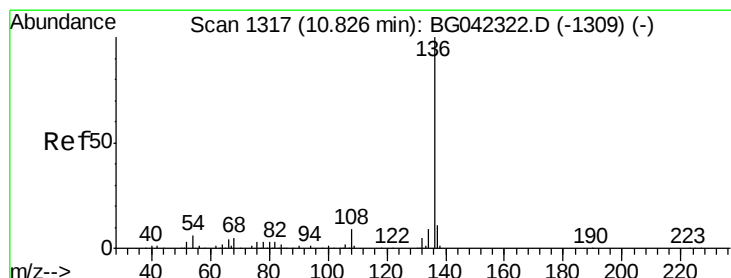
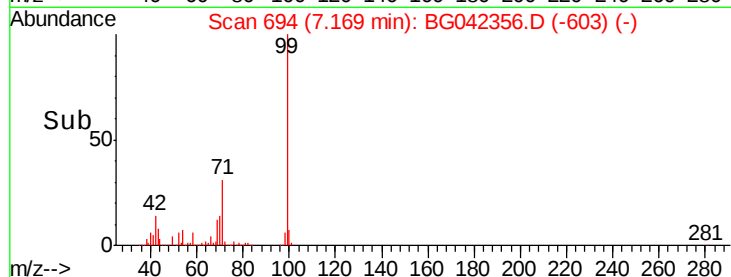
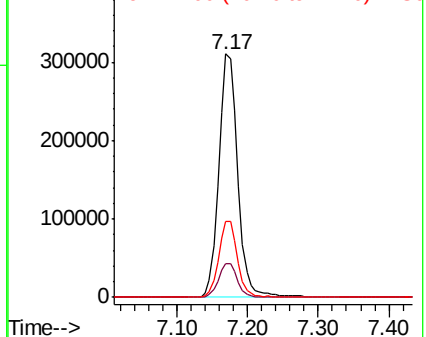
99 100

42 14.0 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: BG042356.D

Acq: 20 Aug 2019 13:14

Tgt Ion: 136 Resp: 276313

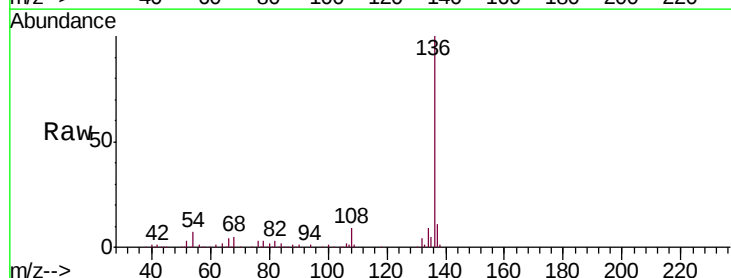
Ion Ratio Lower Upper

136 100

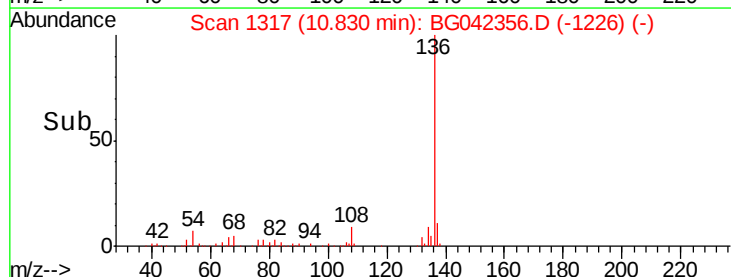
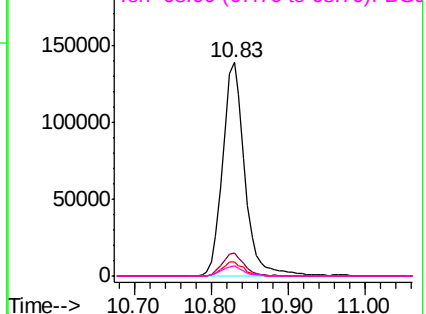
137 10.8 8.4 12.6

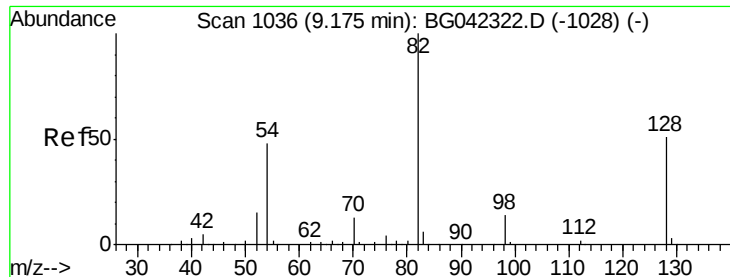
54 6.6 5.0 7.4

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

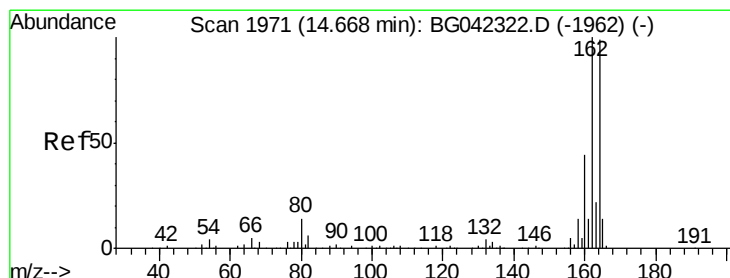
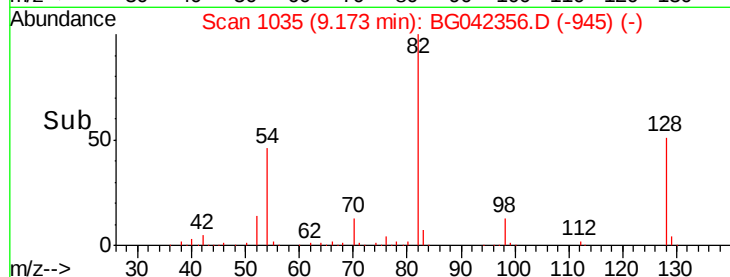
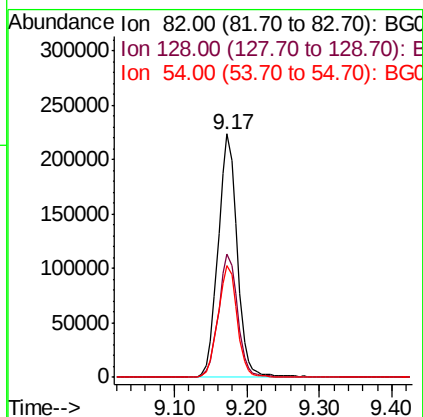
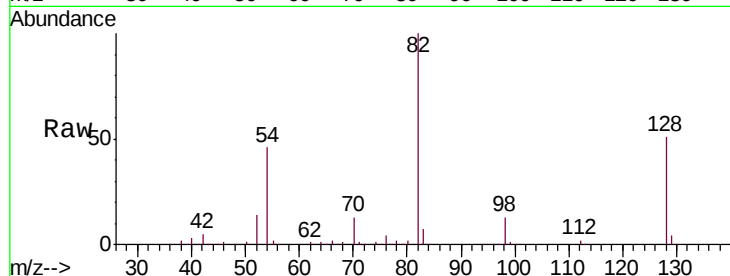




#23
 Nitrobenzene-d5
 Concen: 104.467 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042356.D
 Acq: 20 Aug 2019 13:14

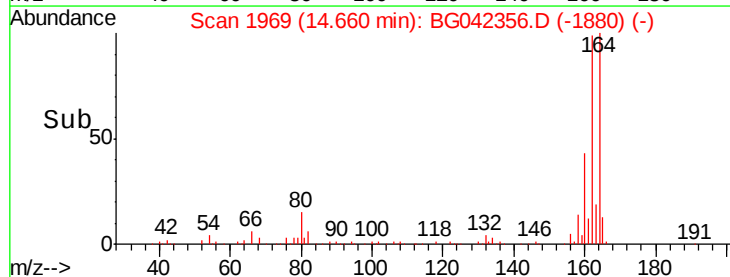
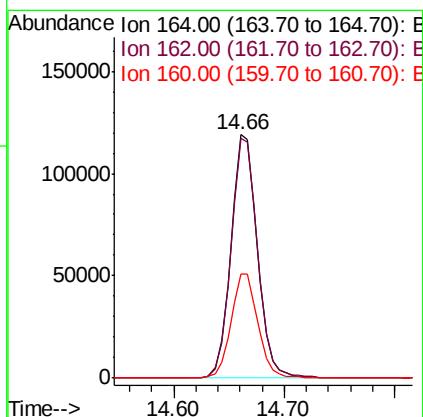
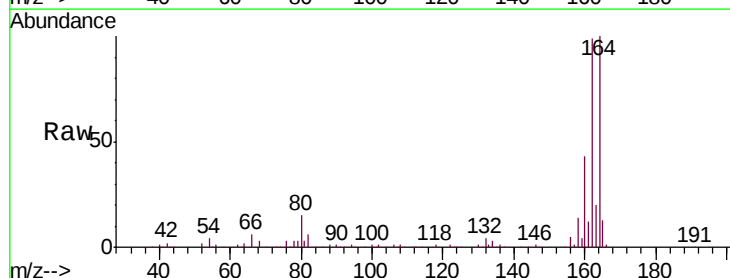
Instrument :
 BNA_G
 ClientSampleId :
 T4-B1-B4-(0-2)

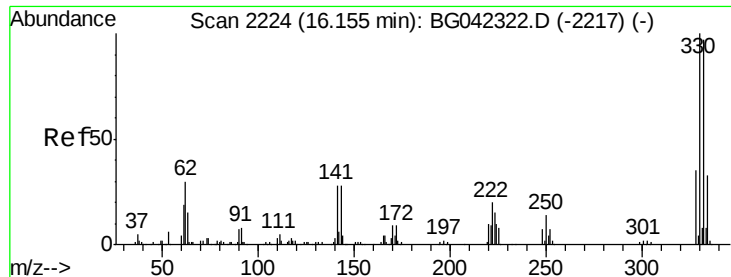
Tot Ion: 82 Resp: 410413
 Ion Ratio Lower Upper
 82 100
 128 50.6 41.0 61.4
 54 46.1 38.0 57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042356.D
 Acq: 20 Aug 2019 13:14

Tgt Ion: 164 Resp: 199689
 Ion Ratio Lower Upper
 164 100
 162 98.6 80.6 120.8
 160 42.8 35.7 53.5

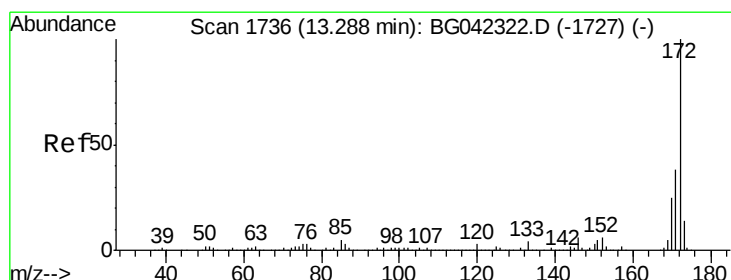
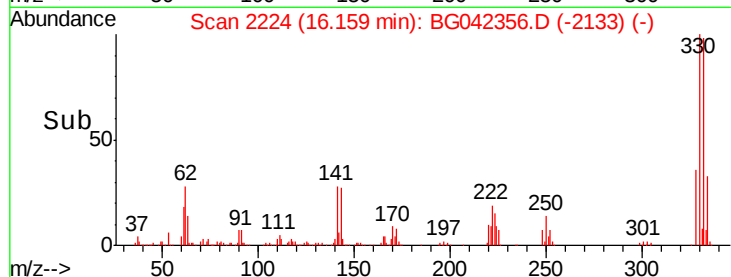
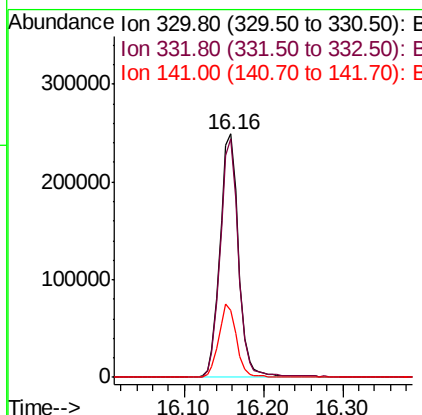
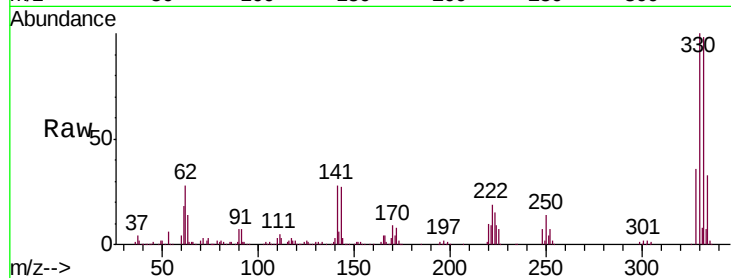




#42
 2,4,6-Tribromophenol
 Concen: 149.682 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BG042356.D
 Acq: 20 Aug 2019 13:14

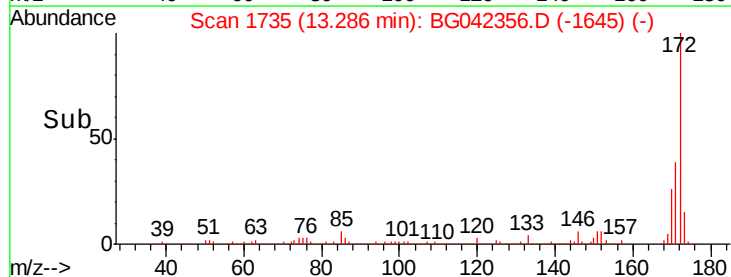
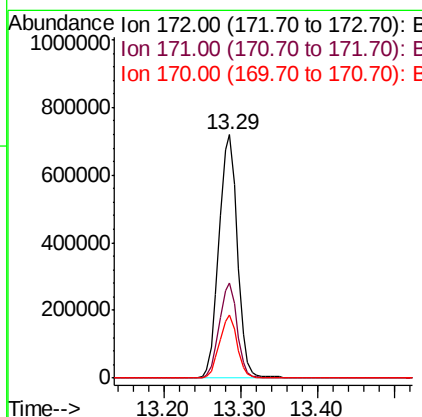
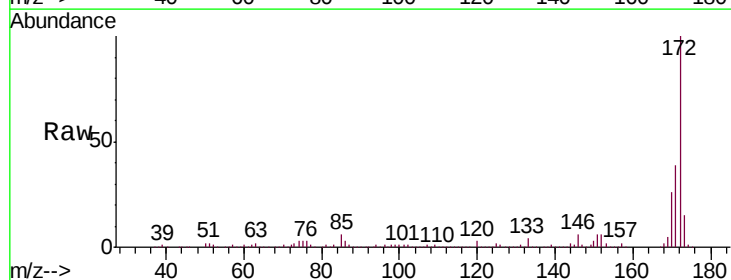
Instrument :
 BNA_G
 ClientSampleId :
 T4-B1-B4-(0-2)

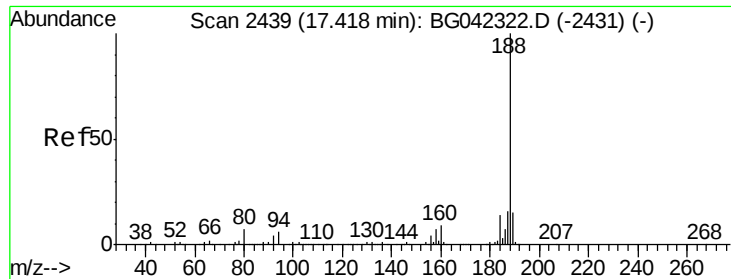
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	28.8	21.8	32.6



#45
 2-Fluorobiphenyl
 Concen: 101.063 ng
 RT: 13.29 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042356.D
 Acq: 20 Aug 2019 13:14

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042356.D

Acq: 20 Aug 2019 13:14

Instrument :

BNA_G

ClientSampleId :

T4-B1-B4-(0-2)

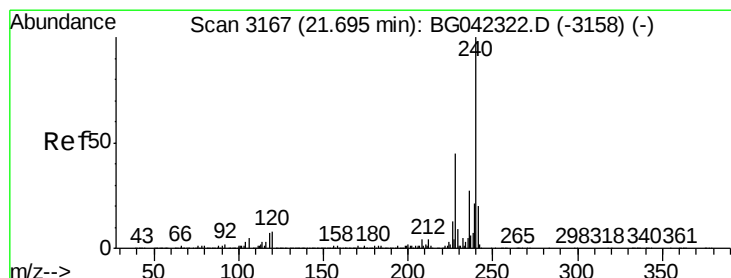
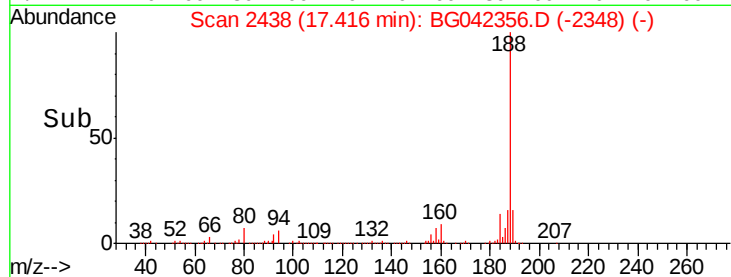
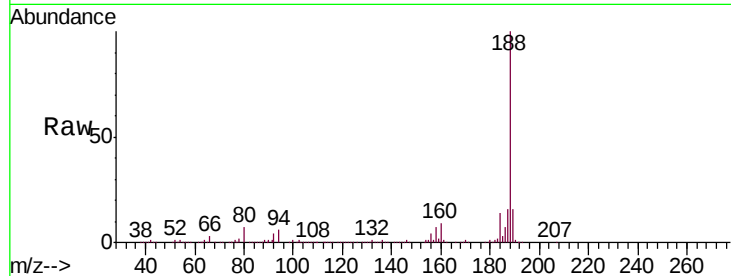
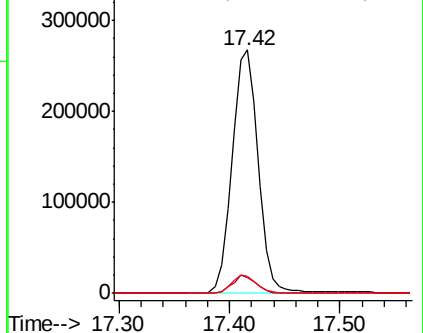
Tot Ion:188 Resp: 444615

Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.9	7.3
80	7.1	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: BG042356.D

Acq: 20 Aug 2019 13:14

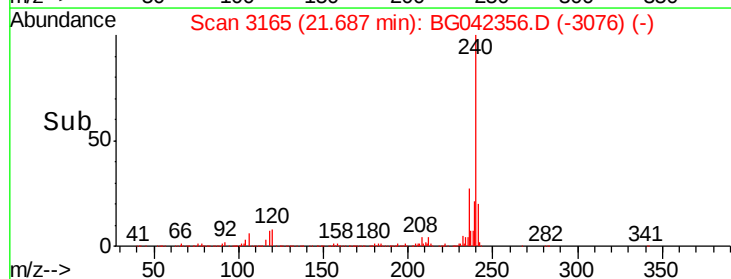
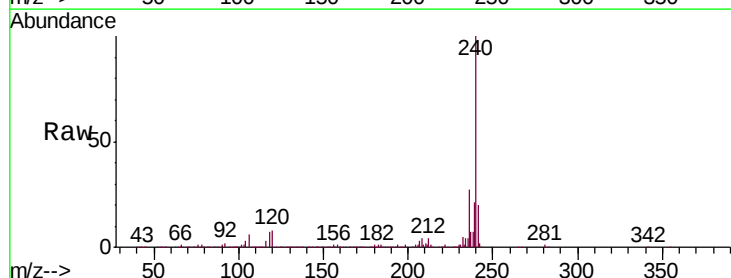
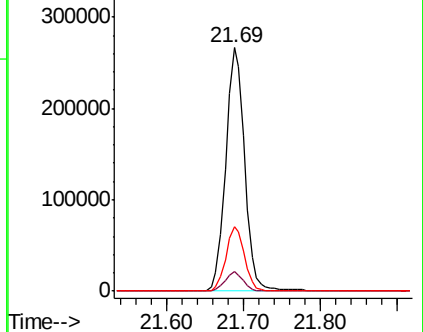
Tgt Ion:240 Resp: 456504

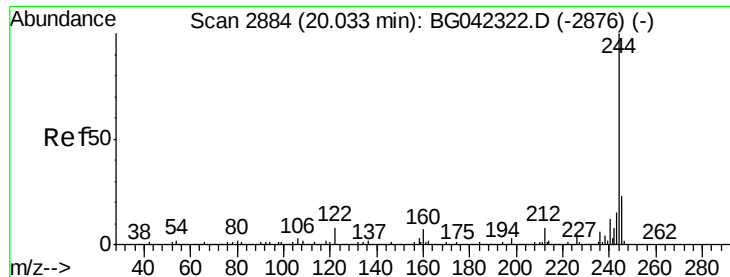
Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.0	9.0
236	26.6	21.6	32.4

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: 97.712 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042356.D

Acq: 20 Aug 2019 13:14

Instrument :

BNA_G

ClientSampleId :

T4-B1-B4-(0-2)

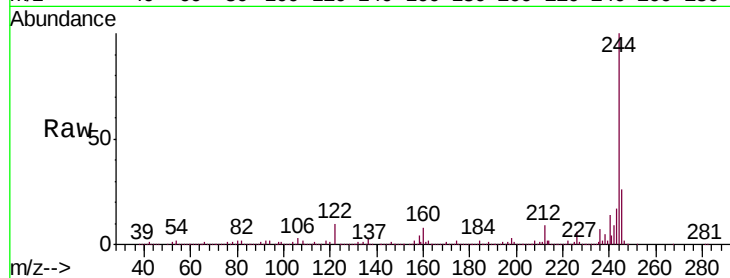
Tot Ion:244 Resp: 2036542

Ion Ratio Lower Upper

244 100

212 9.0 6.4 9.6

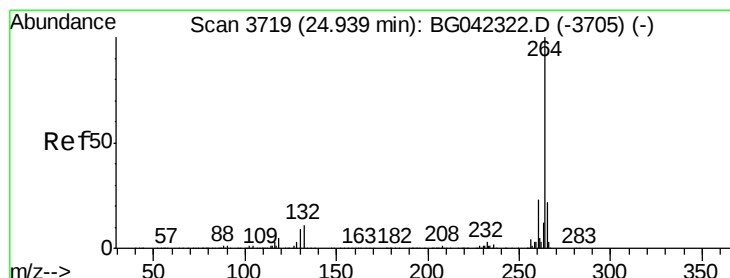
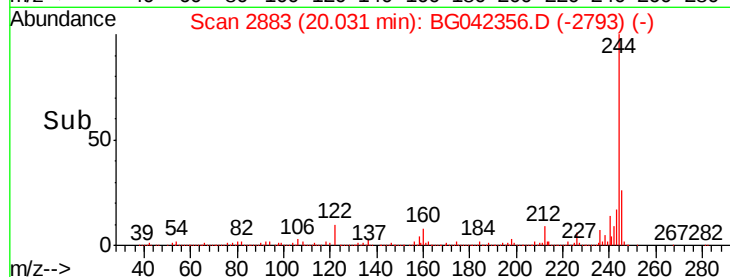
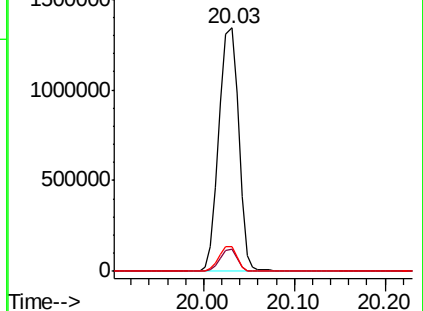
122 10.1 6.6 10.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042356.D

Acq: 20 Aug 2019 13:14

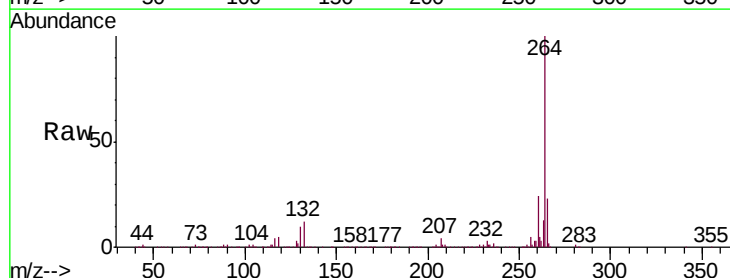
Tgt Ion:264 Resp: 529909

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.5 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

