

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042358.D
 Acq On : 20 Aug 2019 14:30
 Operator : HP/JU
 Sample : K4389-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 21 04:10:32 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	65080	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	255053	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	186354	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	439158	20.00	ng	0.00
76) Chrysene-d12	21.69	240	451063	20.00	ng	0.00
87) Perylene-d12	24.93	264	523904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	415833	129.46	ng	0.00
7) Phenol-d6	7.17	99	518833	118.93	ng	0.00
23) Nitrobenzene-d5	9.17	82	369644	101.93	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	385624	151.93	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1109499	100.75	ng	0.00
79) Terphenyl-d14	20.03	244	2013694	97.78	ng	0.00

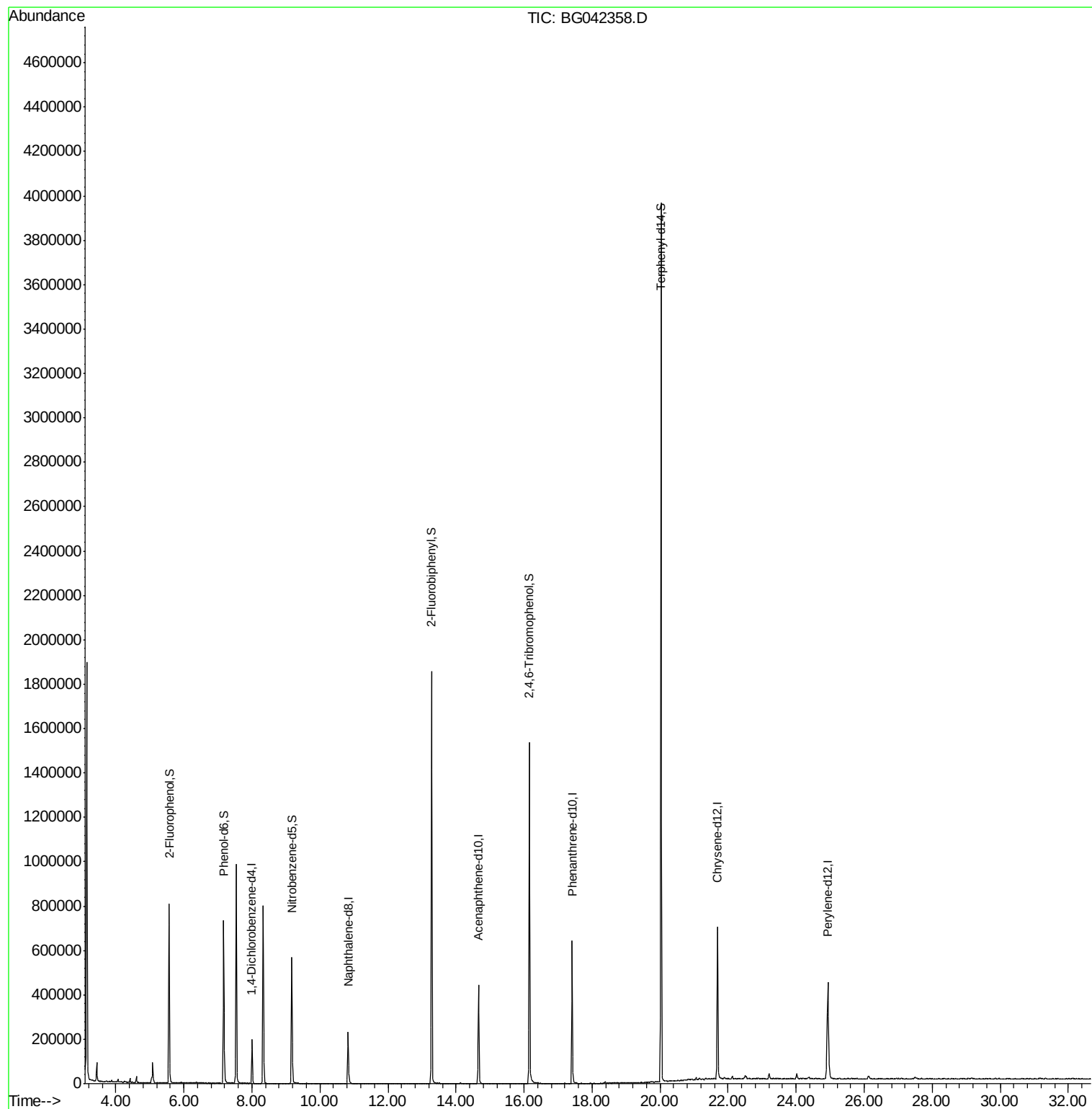
Target Compounds Qvalue

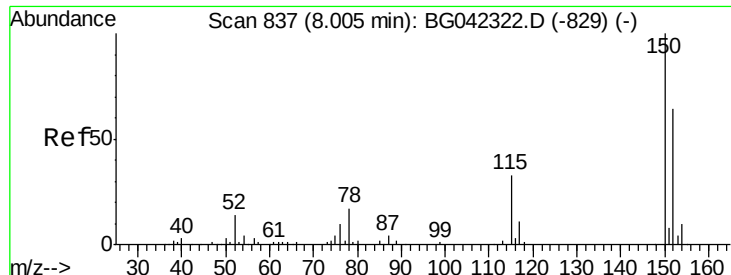
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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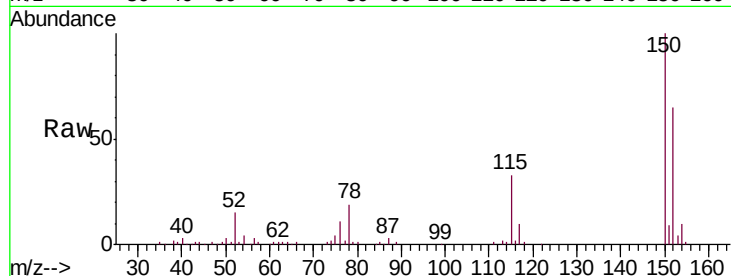


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG042358.D
 Acq: 20 Aug 2019 14:30

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	51.2	40.5	60.7

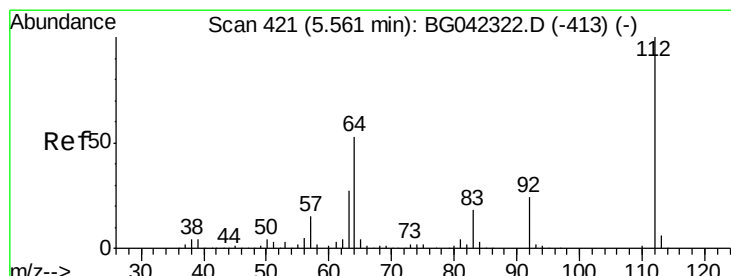
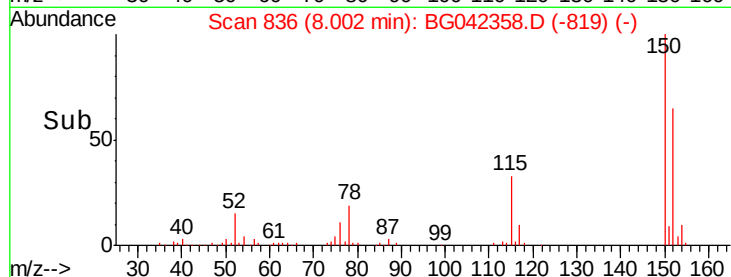
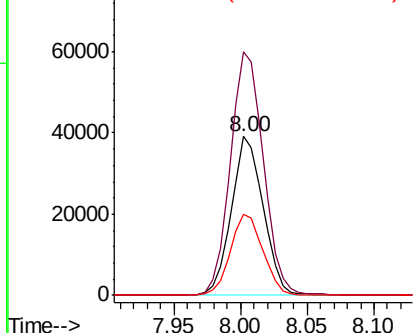


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

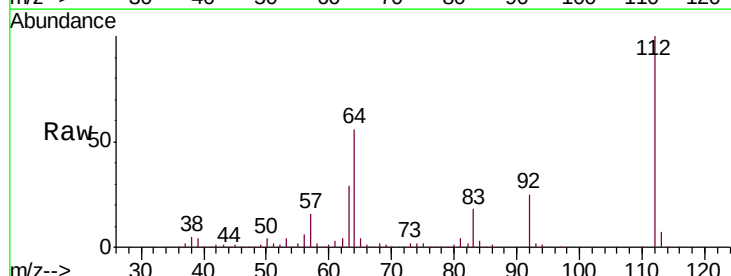
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 129.459 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG042358.D
 Acq: 20 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.5	63.7
63	28.7	21.7	32.5

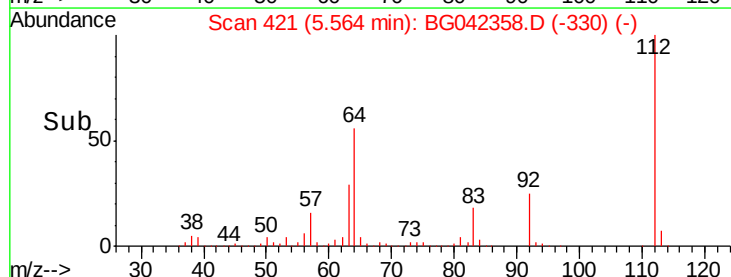
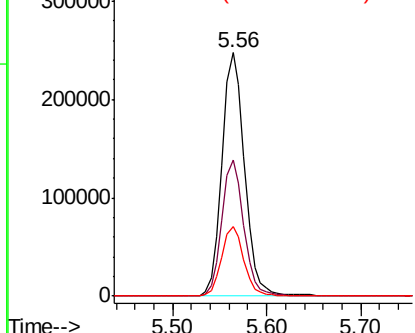


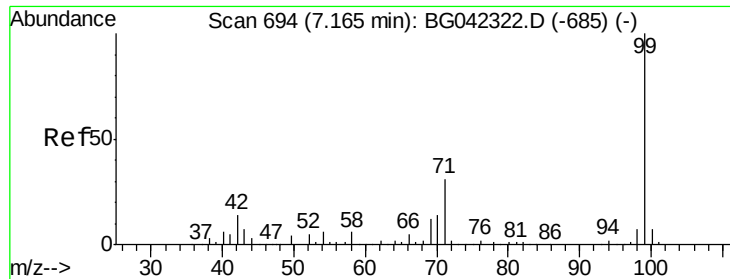
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.933 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042358.D

Acq: 20 Aug 2019 14:30

Instrument :

BNA_G

ClientSampleId :

T4-F(0-2)

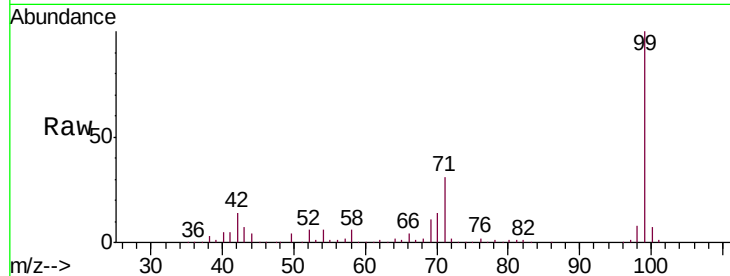
Tot Ion: 99 Resp: 518833

Ion Ratio Lower Upper

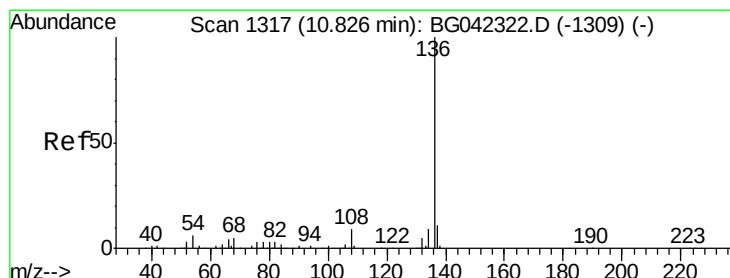
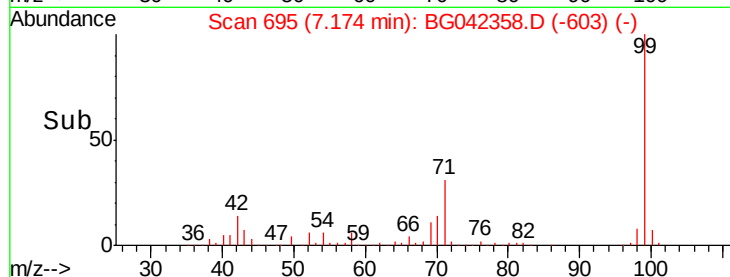
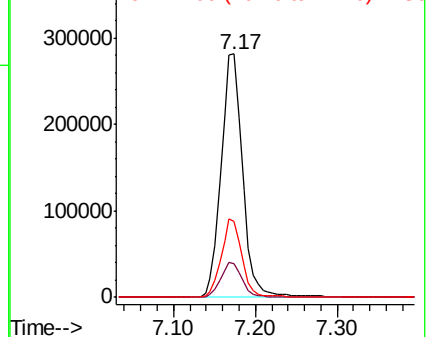
99 100

42 14.1 11.4 17.0

71 30.9 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: BG042358.D

Acq: 20 Aug 2019 14:30

Tgt Ion: 136 Resp: 255053

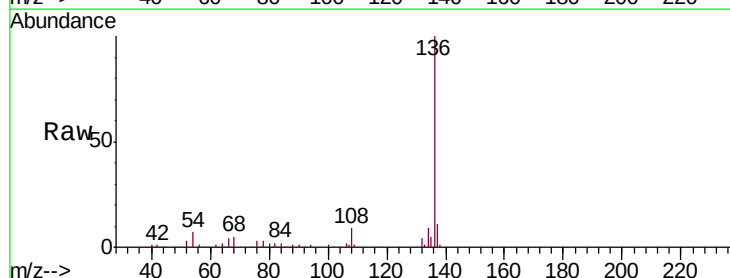
Ion Ratio Lower Upper

136 100

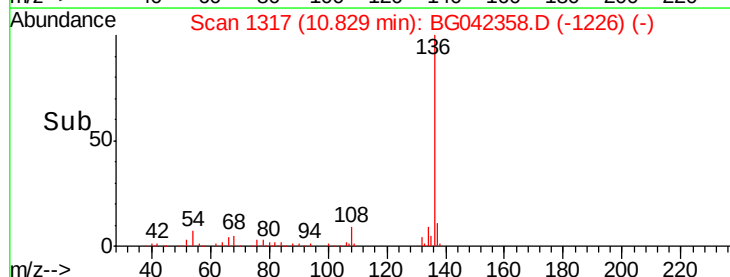
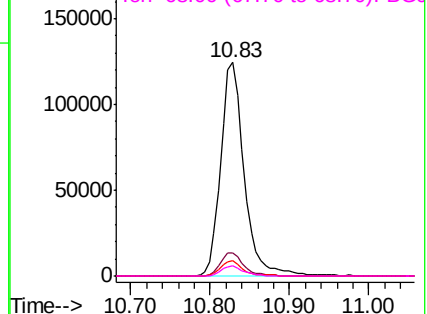
137 11.1 8.4 12.6

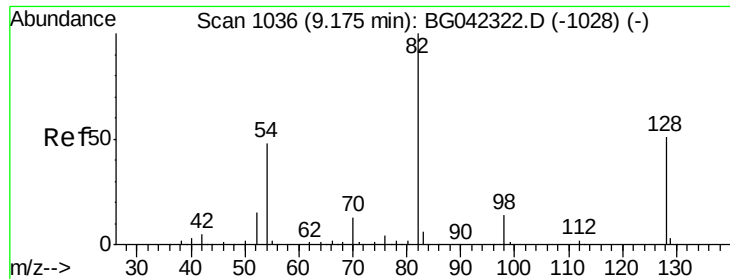
54 7.1 5.0 7.4

68 4.7 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

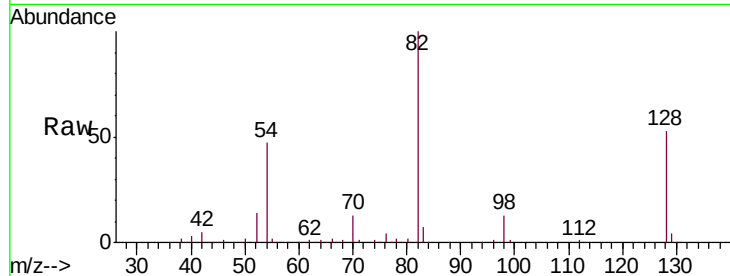




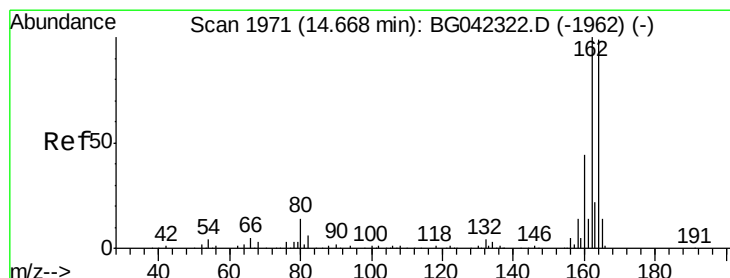
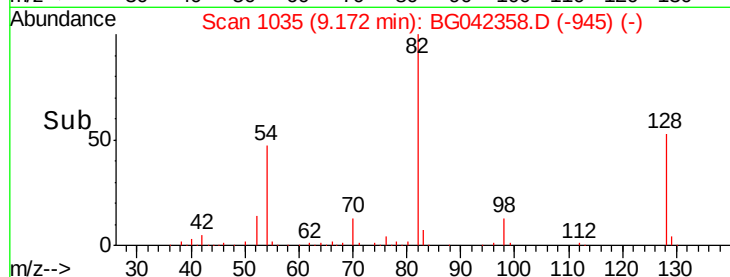
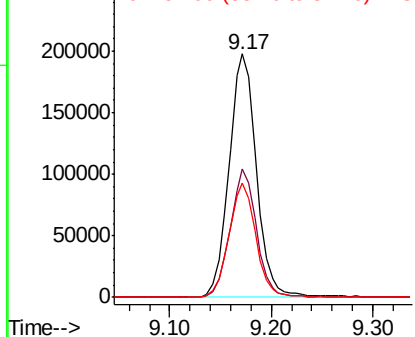
#23
 Nitrobenzene-d5
 Concen: 101.932 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042358.D
 Acq: 20 Aug 2019 14:30

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

Tot Ion: 82 Resp: 369644
 Ion Ratio Lower Upper
 82 100
 128 52.6 41.0 61.4
 54 47.2 38.0 57.0

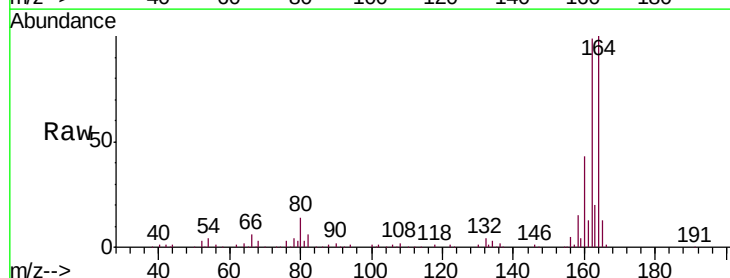


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

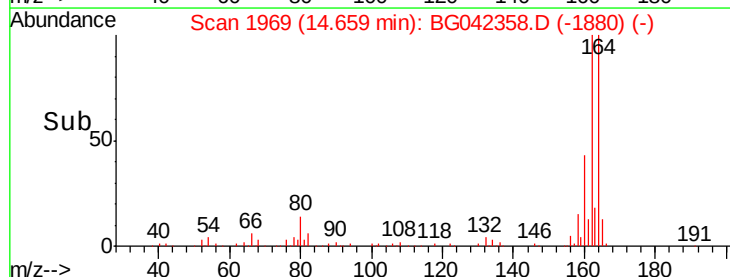
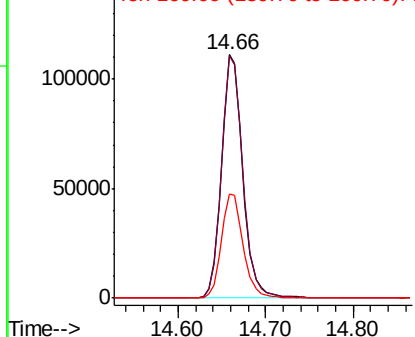


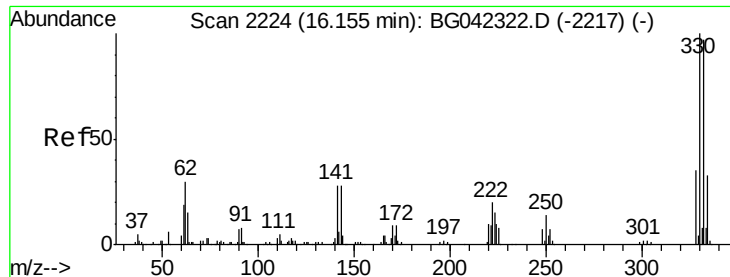
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042358.D
 Acq: 20 Aug 2019 14:30

Tgt Ion:164 Resp: 186354
 Ion Ratio Lower Upper
 164 100
 162 99.4 80.6 120.8
 160 42.9 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

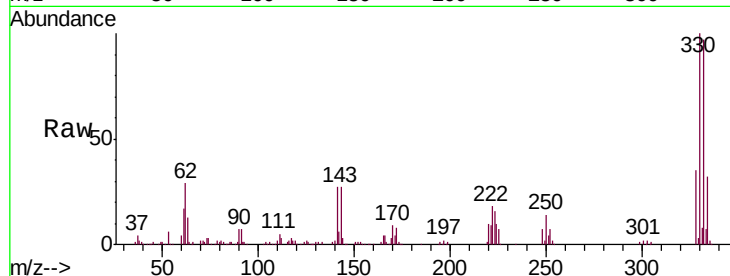




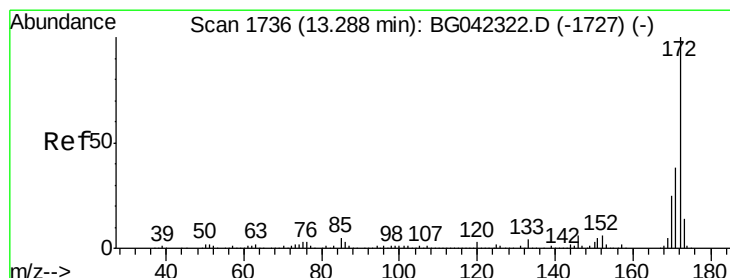
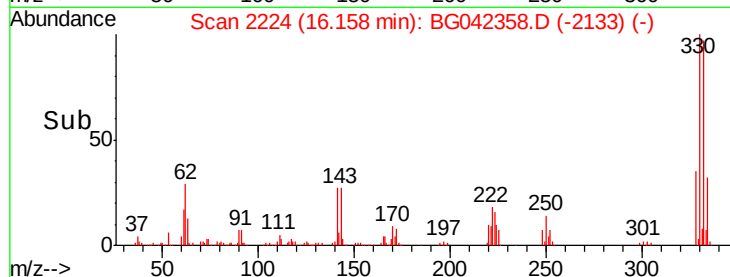
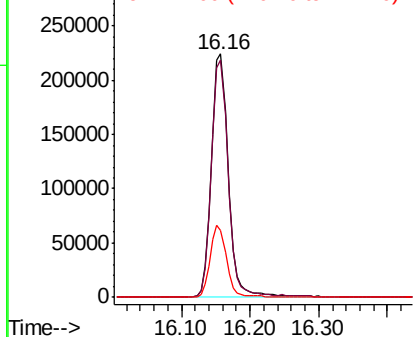
#42
 2,4,6-Tribromophenol
 Concen: 151.934 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BG042358.D
 Acq: 20 Aug 2019 14:30

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.9	115.3
141	28.8	21.8	32.6

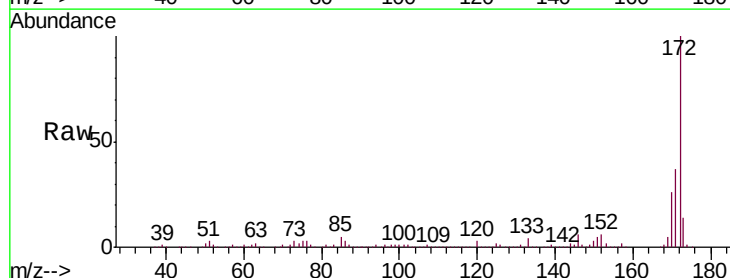


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

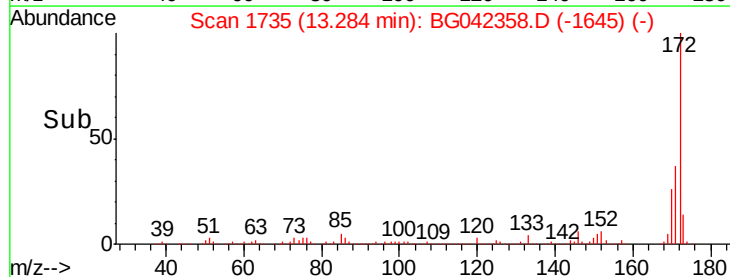
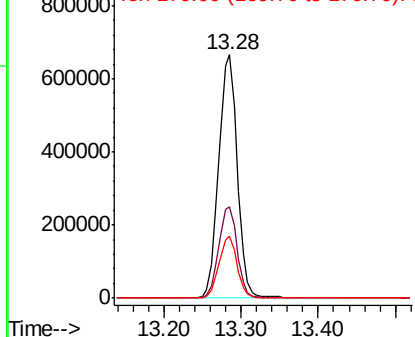


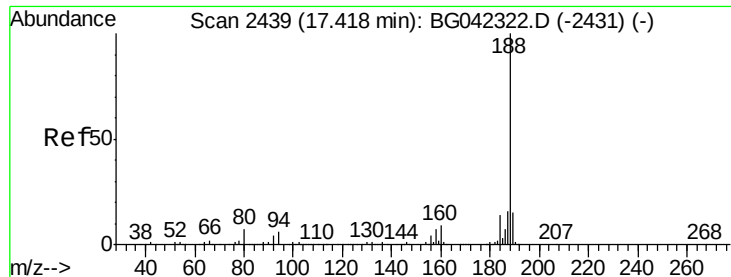
#45
 2-Fluorobiphenyl
 Concen: 100.746 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042358.D
 Acq: 20 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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

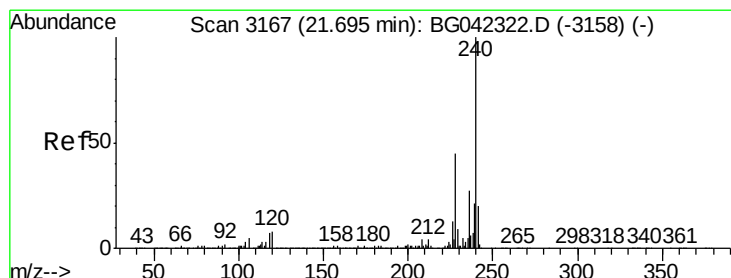
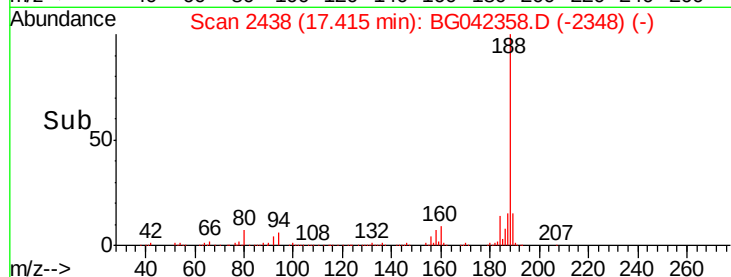
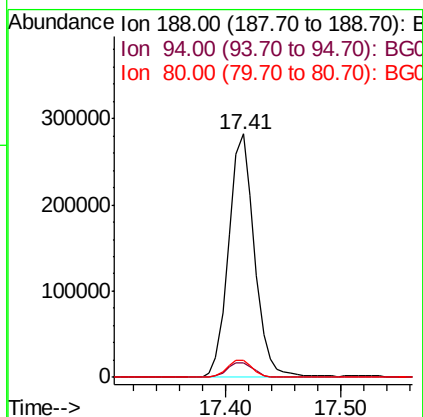
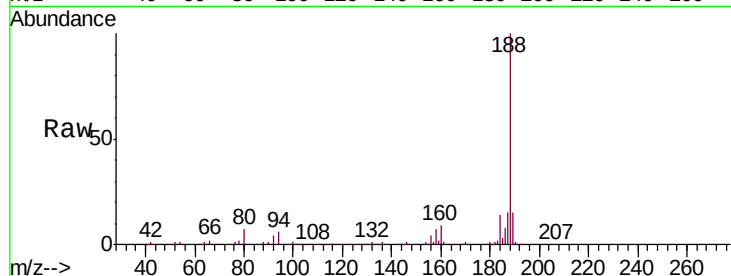




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG042358.D
 Acq: 20 Aug 2019 14:30

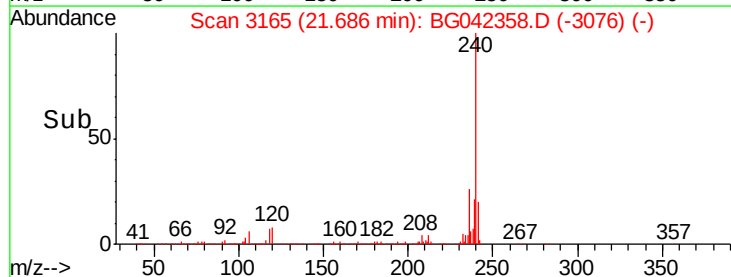
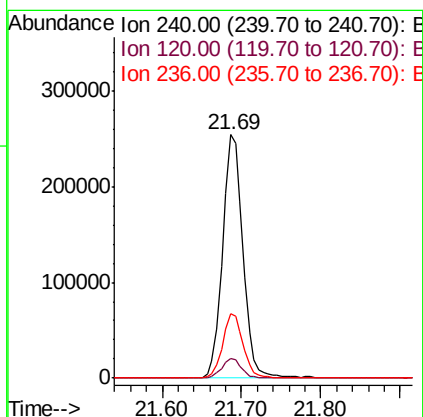
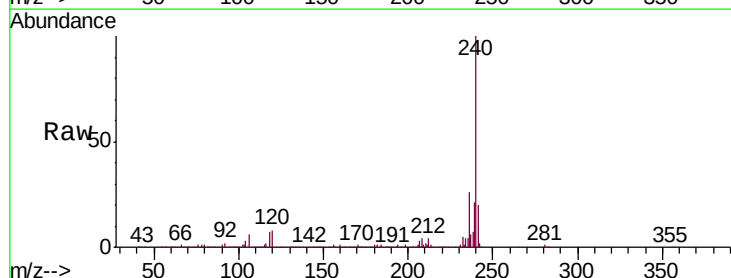
Instrument :
 BNA_G
 ClientSampleId :
 T4-F(0-2)

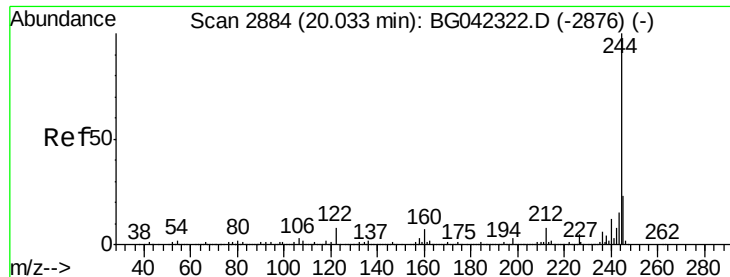
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.9	7.3
80	6.9	5.4	8.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042358.D
 Acq: 20 Aug 2019 14:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.0	9.0
236	26.4	21.6	32.4





#79

Terphenyl-d14

Concen: 97.781 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042358.D

Acq: 20 Aug 2019 14:30

Instrument :

BNA_G

ClientSampleId :

T4-F(0-2)

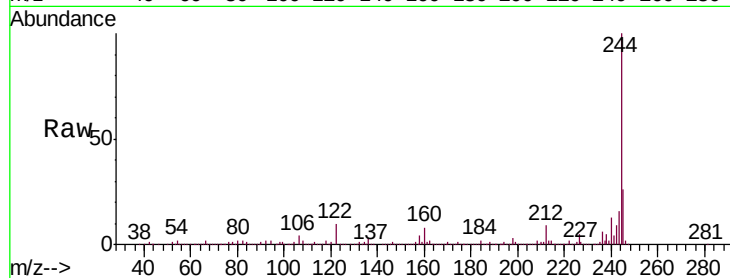
Tot Ion:244 Resp: 2013694

Ion Ratio Lower Upper

244 100

212 8.8 6.4 9.6

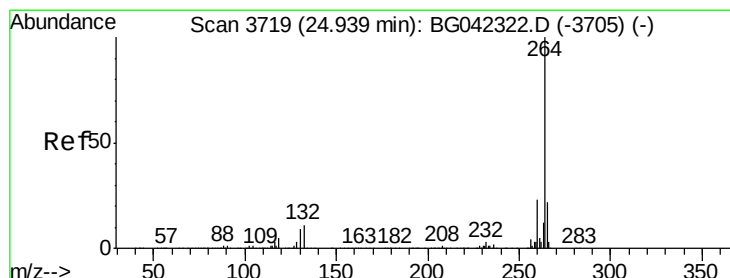
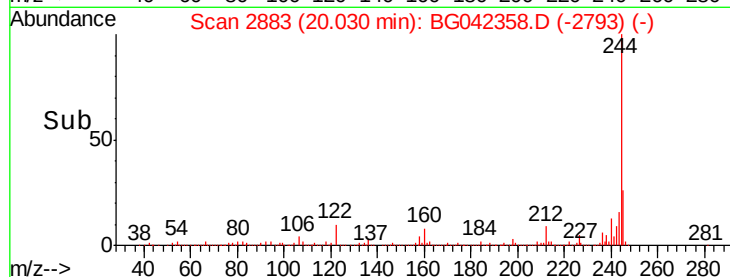
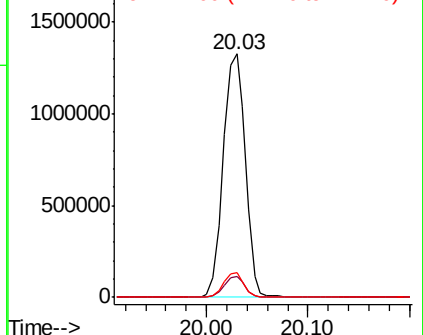
122 10.0 6.6 10.0#



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: BG042358.D

Acq: 20 Aug 2019 14:30

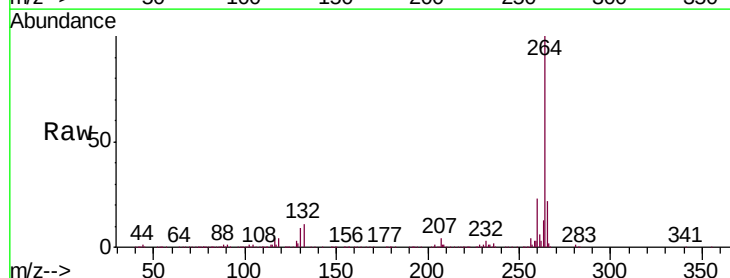
Tgt Ion:264 Resp: 523904

Ion Ratio Lower Upper

264 100

260 23.4 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

