

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038344.D
 Acq On : 5 Dec 2018 3:50
 Operator : JU/SJ
 Sample : J6003-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NON-UST-05A

Quant Time: Dec 05 07:19:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	31422	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	135466	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	87991	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	218040	20.00	ng	0.00
76) Chrysene-d12	21.73	240	223645	20.00	ng	-0.01
87) Perylene-d12	25.04	264	230852	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	127272	71.68	ng	0.00
7) Phenol-d6	7.22	99	141603	55.18	ng	0.00
23) Nitrobenzene-d5	9.25	82	210818	77.26	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	134456	124.47	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	486883	78.85	ng	0.00
79) Terphenyl-d14	20.06	244	853415	81.75	ng	0.00

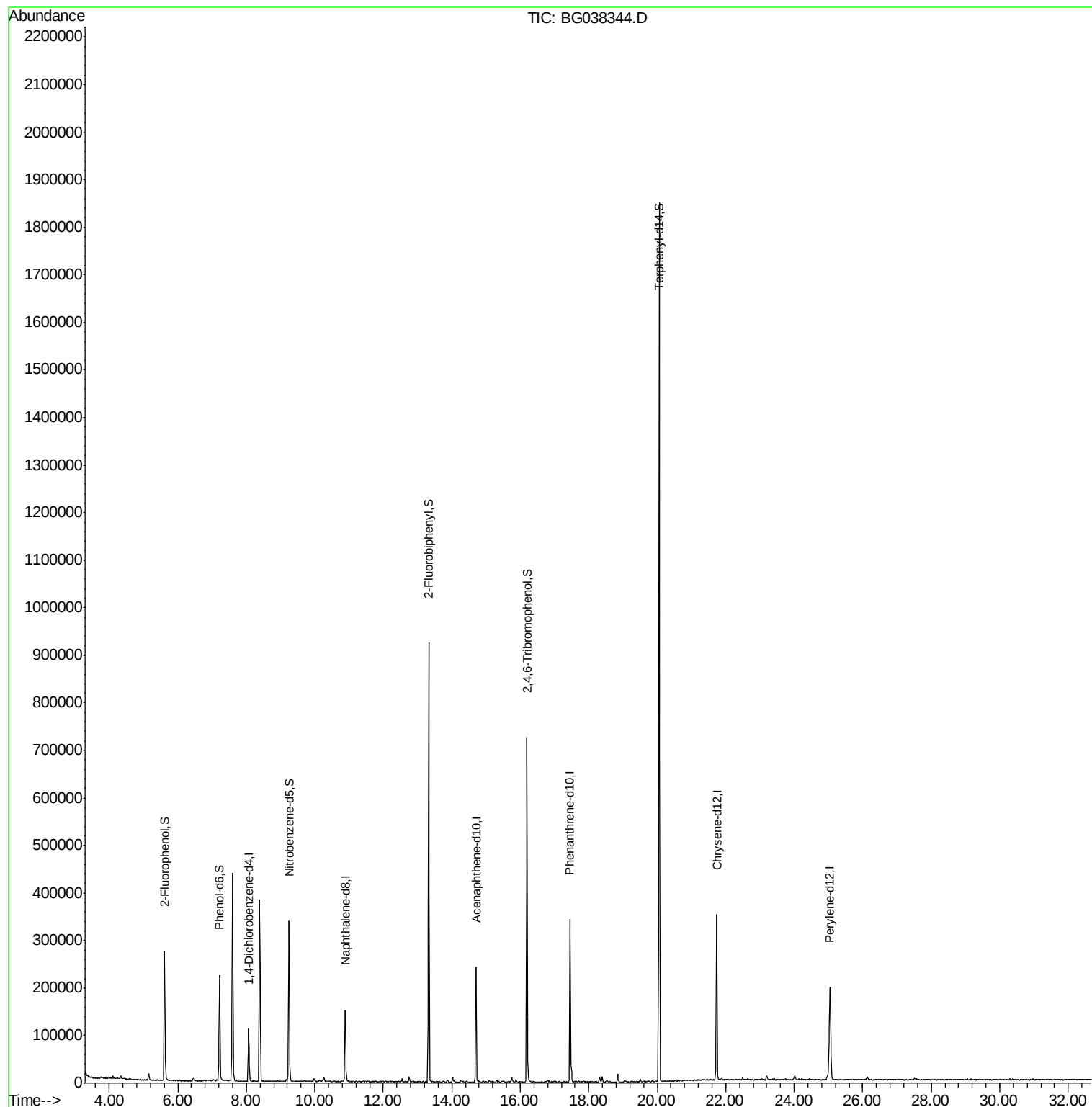
Target Compounds Qvalue

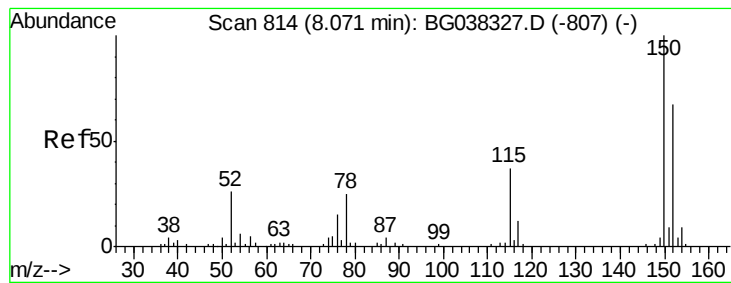
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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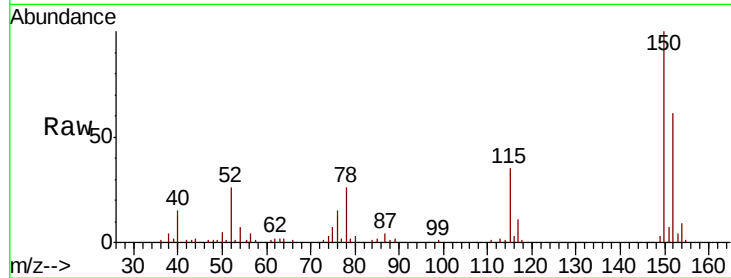


#1

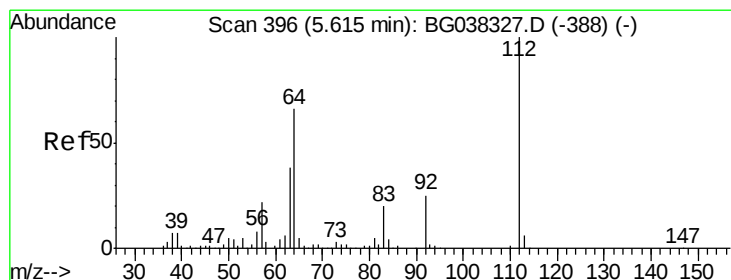
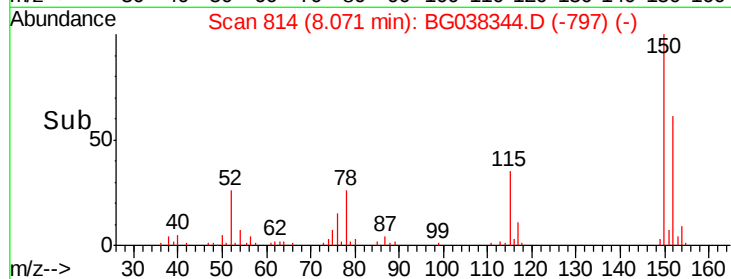
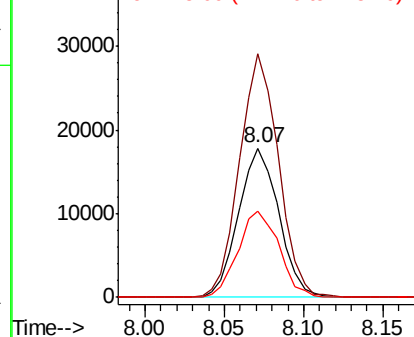
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tot Ion:152 Resp: 31422
Ion Ratio Lower Upper
152 100
150 163.3 126.0 189.0
115 57.7 45.5 68.3



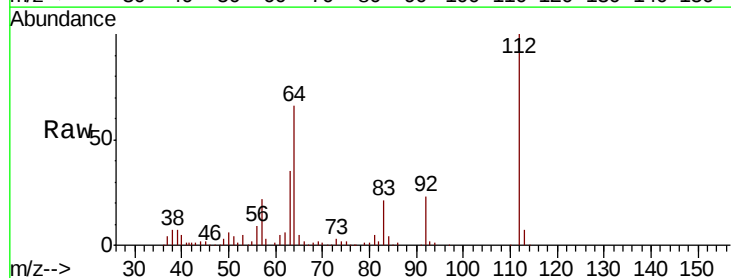
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



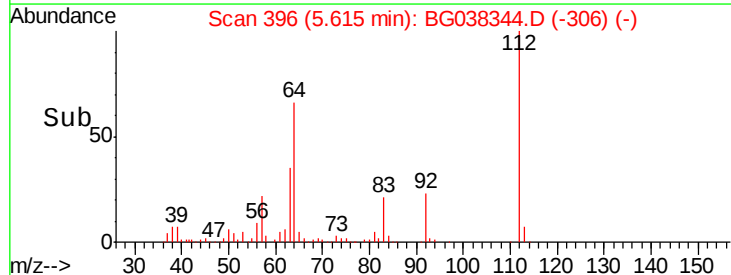
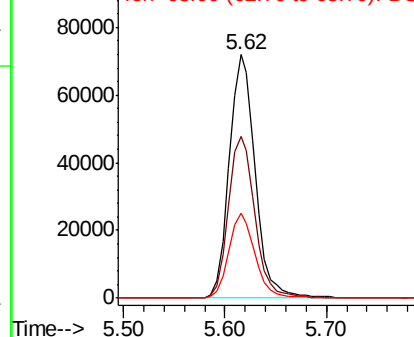
#5

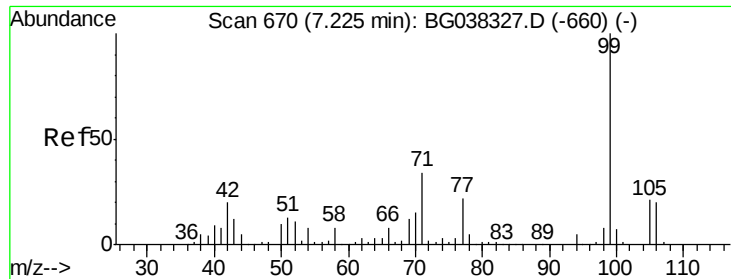
2-Fluorophenol
Concen: 71.678 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:112 Resp: 127272
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 34.9 27.3 40.9



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: 55.177 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038344.D

Acq: 5 Dec 2018 3:50

Instrument :

BNA_G

ClientSampleId :

NON-UST-05A

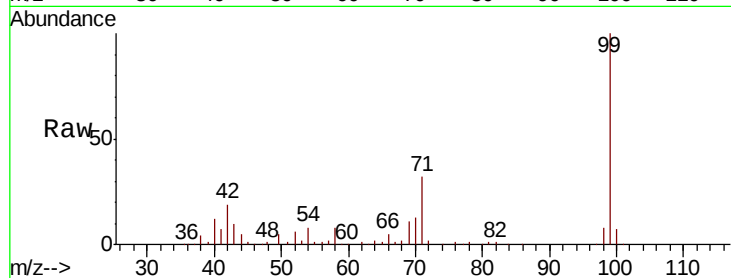
Tot Ion: 99 Resp: 141603

Ion Ratio Lower Upper

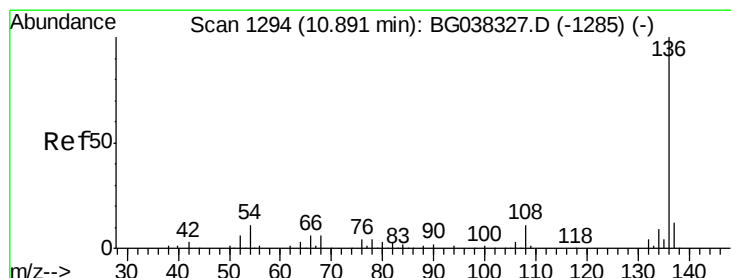
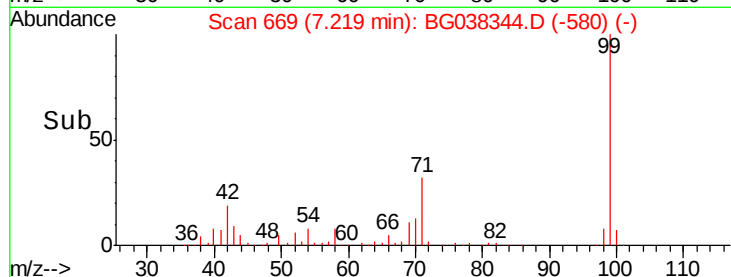
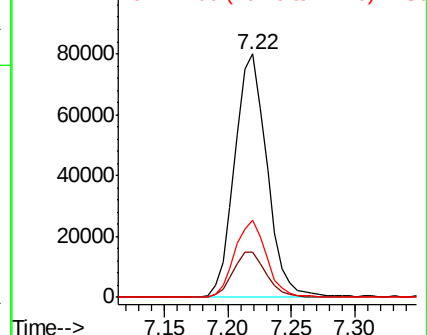
99 100

42 18.5 15.0 22.4

71 31.8 25.5 38.3



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: 10.89 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG038344.D

Acq: 5 Dec 2018 3:50

Tgt Ion: 136 Resp: 135466

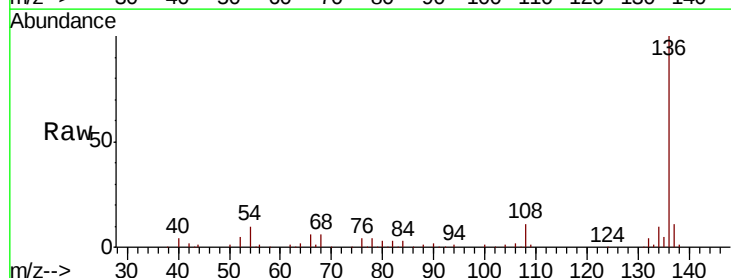
Ion Ratio Lower Upper

136 100

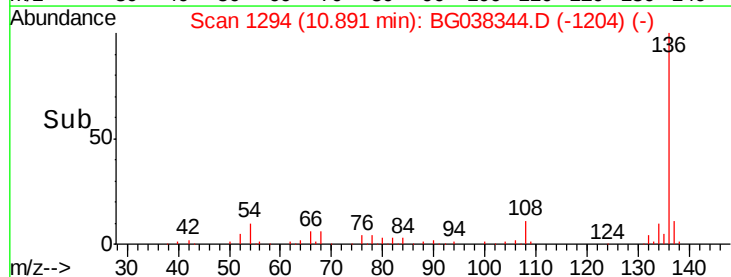
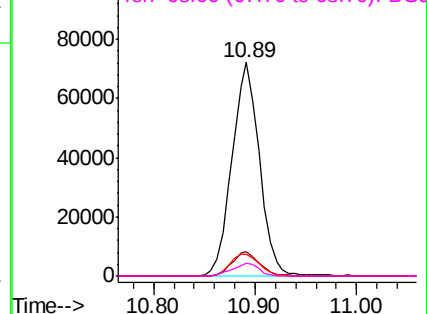
137 11.1 9.6 14.4

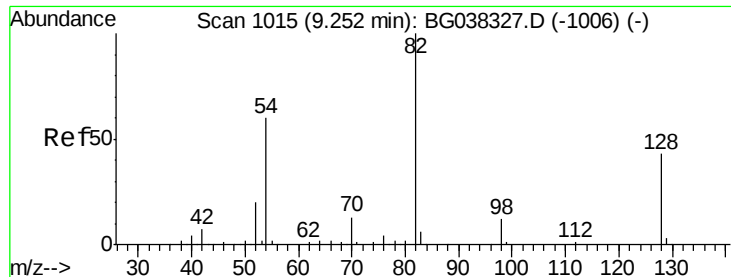
54 10.3 7.9 11.9

68 5.7 4.8 7.2



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

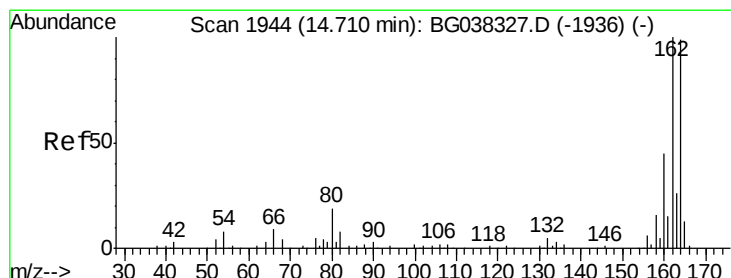
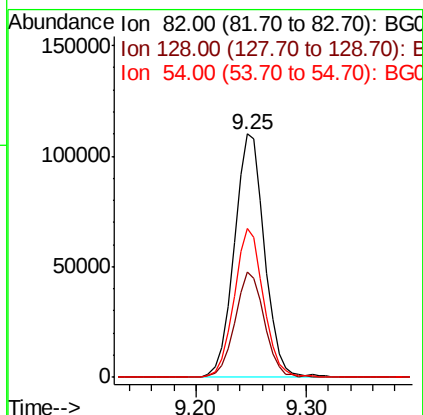
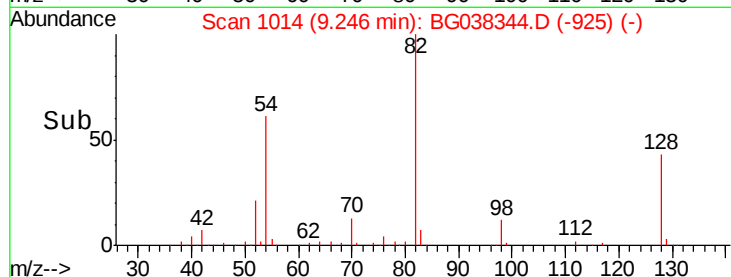
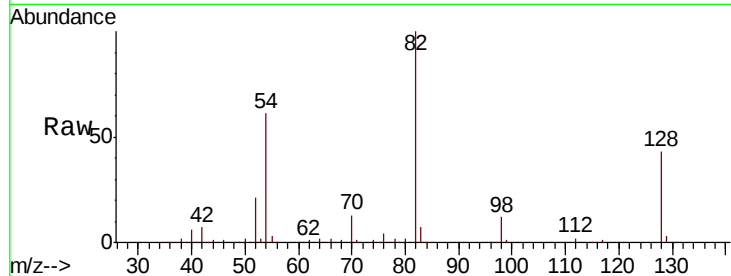




#23
Nitrobenzene-d5
Concen: 77.264 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

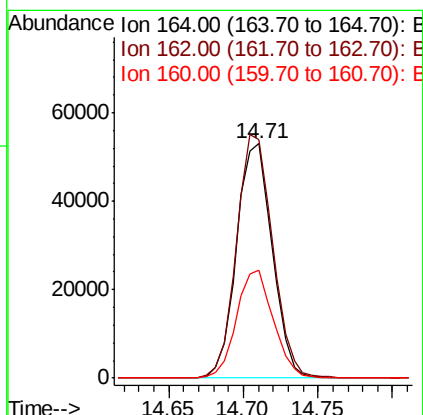
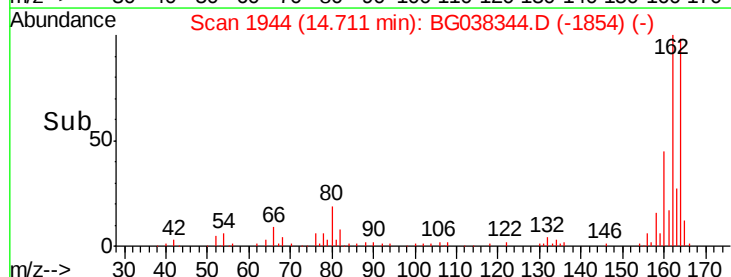
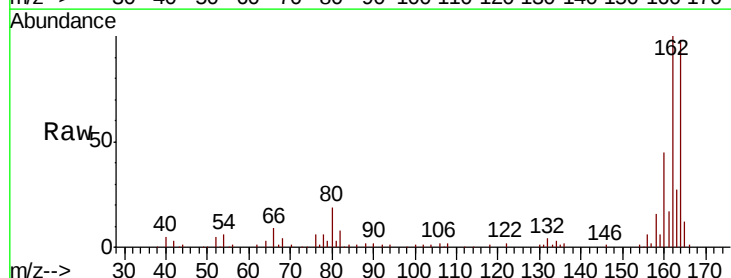
Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

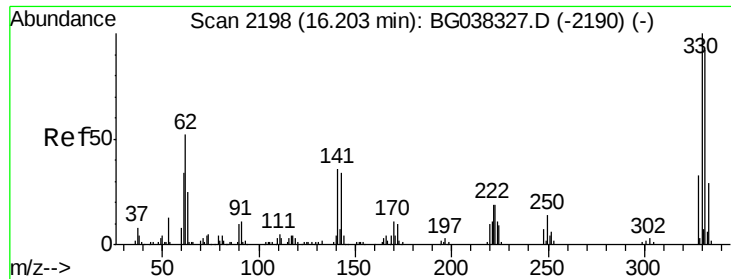
Tot Ion: 82 Resp: 210818
Ion Ratio Lower Upper
82 100
128 43.1 34.6 51.8
54 61.0 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG038344.D
Acq: 5 Dec 2018 3:50

Tgt Ion:164 Resp: 87991
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 46.2 36.3 54.5

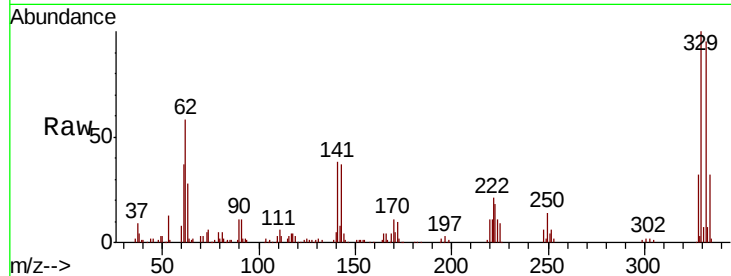




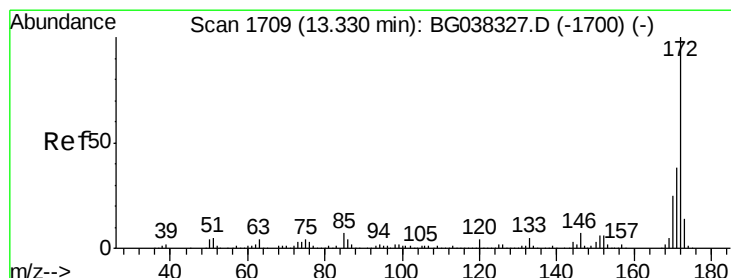
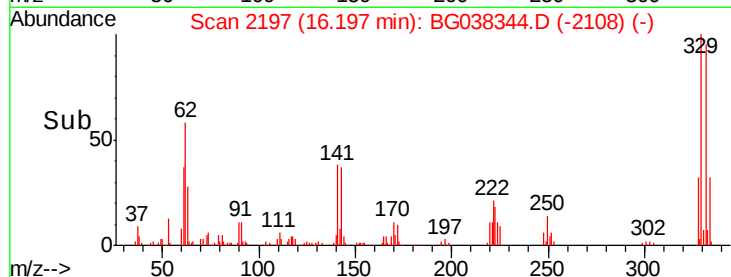
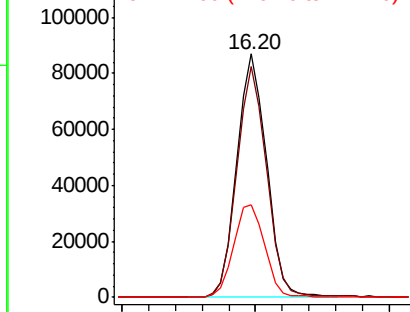
#42
 2,4,6-Tribromophenol
 Concen: 124.474 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038344.D
 Acq: 5 Dec 2018 3:50

Instrument :
 BNA_G
 ClientSampleId :
 NON-UST-05A

Tot Ion:330 Resp: 134456
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.4 117.6
 141 40.1 32.2 48.2

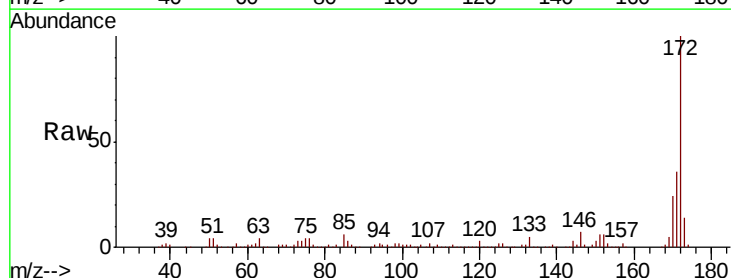


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

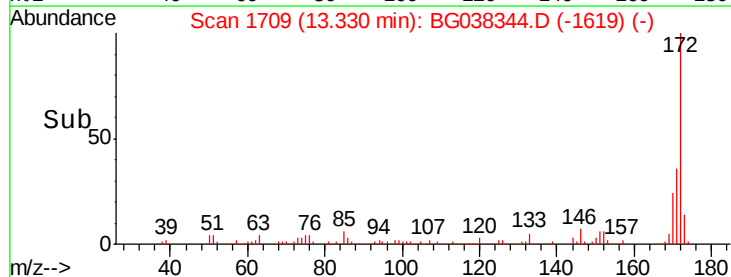
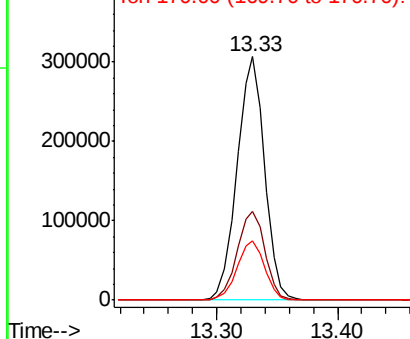


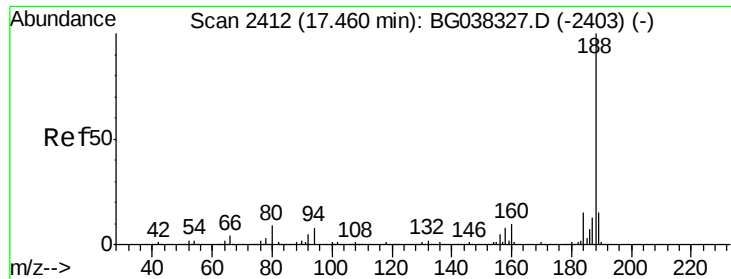
#45
 2-Fluorobiphenyl
 Concen: 78.845 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038344.D
 Acq: 5 Dec 2018 3:50

Tgt Ion:172 Resp: 486883
 Ion Ratio Lower Upper
 172 100
 171 36.4 31.0 46.4
 170 24.3 20.2 30.2



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: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038344.D

Acq: 5 Dec 2018 3:50

Instrument :

BNA_G

ClientSampleId :

NON-UST-05A

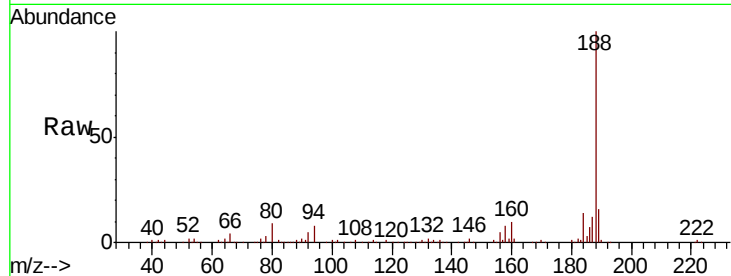
Tot Ion:188 Resp: 218040

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

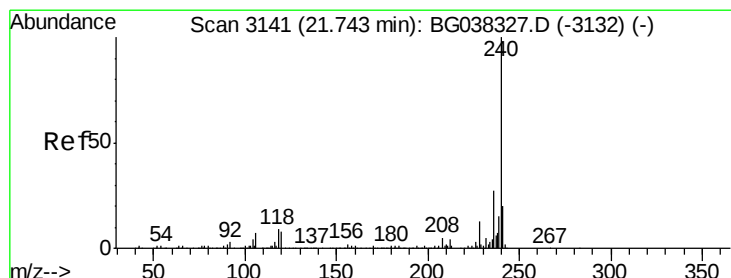
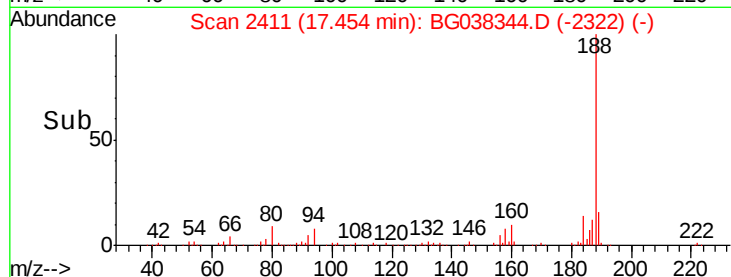
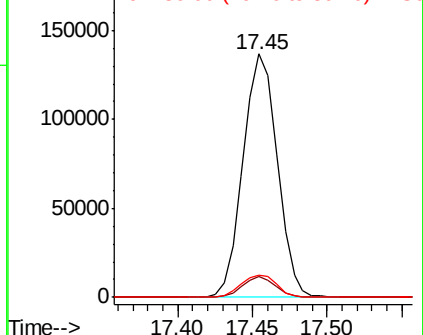
80 9.2 7.7 11.5



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: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038344.D

Acq: 5 Dec 2018 3:50

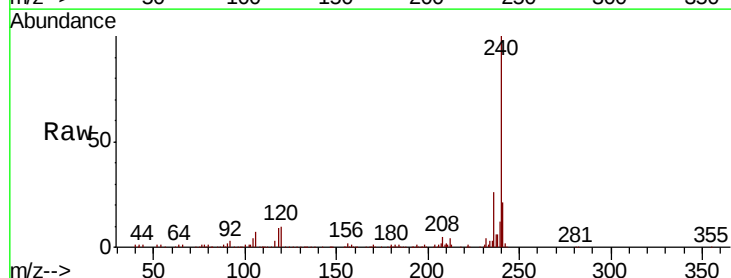
Tgt Ion:240 Resp: 223645

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

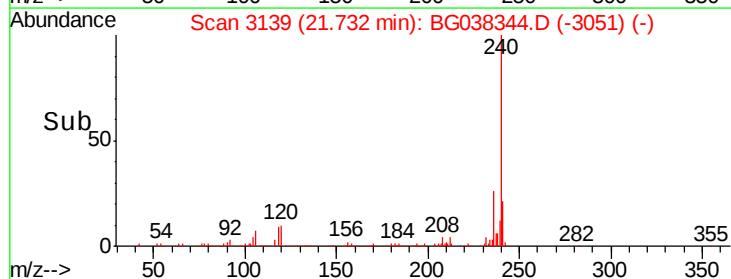
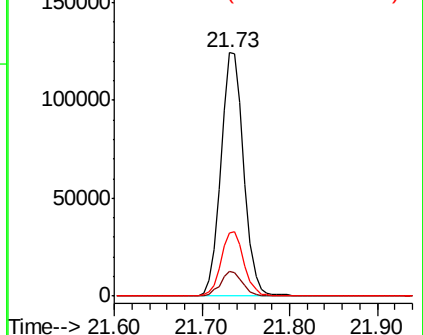
236 25.7 21.4 32.0

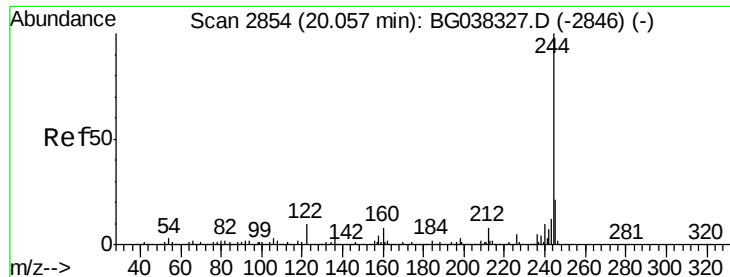


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.747 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038344.D

Acq: 5 Dec 2018 3:50

Instrument :

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ClientSampleId :

NON-UST-05A

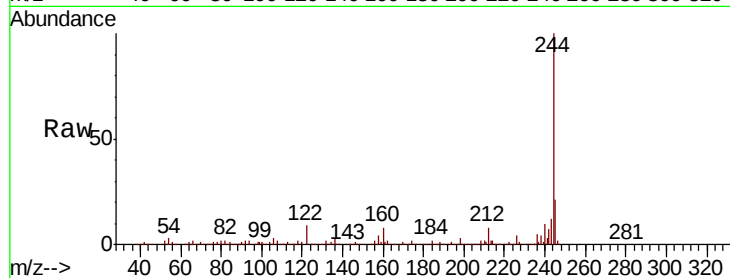
Tot Ion:244 Resp: 853415

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

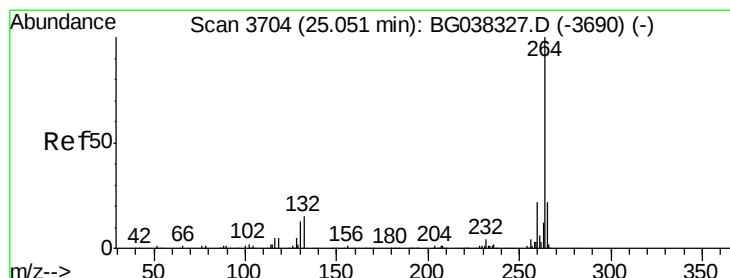
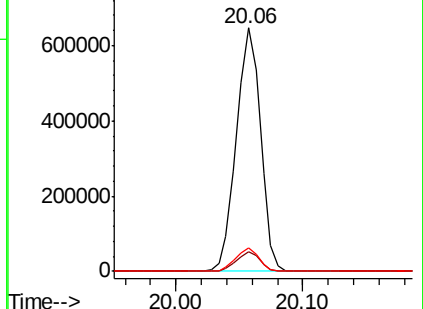
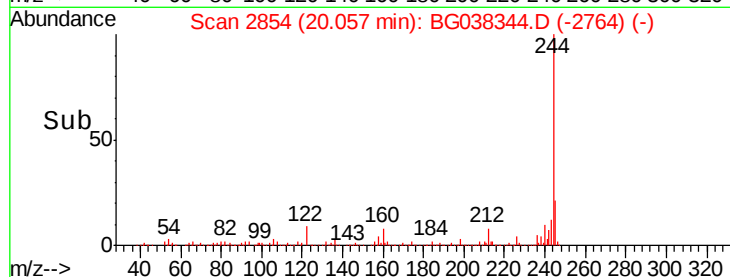
122 9.5 9.0 13.4



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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038344.D

Acq: 5 Dec 2018 3:50

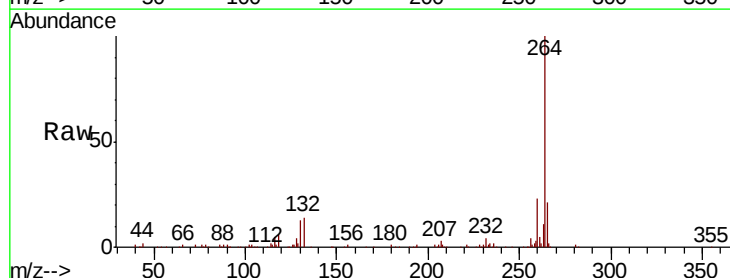
Tgt Ion:264 Resp: 230852

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 21.3 17.9 26.9



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

