

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038385.D
 Acq On : 6 Dec 2018 15:29
 Operator : JU/SJ
 Sample : J6003-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NON-UST-05A

Quant Time: Dec 06 17:19:29 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	30522	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	125885	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	84078	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	219499	20.00	ng	0.00
76) Chrysene-d12	21.73	240	211486	20.00	ng	-0.01
87) Perylene-d12	25.04	264	219237	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	104015	60.31	ng	0.00
7) Phenol-d6	7.21	99	93310	37.43	ng	-0.01
23) Nitrobenzene-d5	9.25	82	217915	85.94	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	133878	129.71	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	471034	79.83	ng	0.00
79) Terphenyl-d14	20.06	244	826804	83.75	ng	0.00

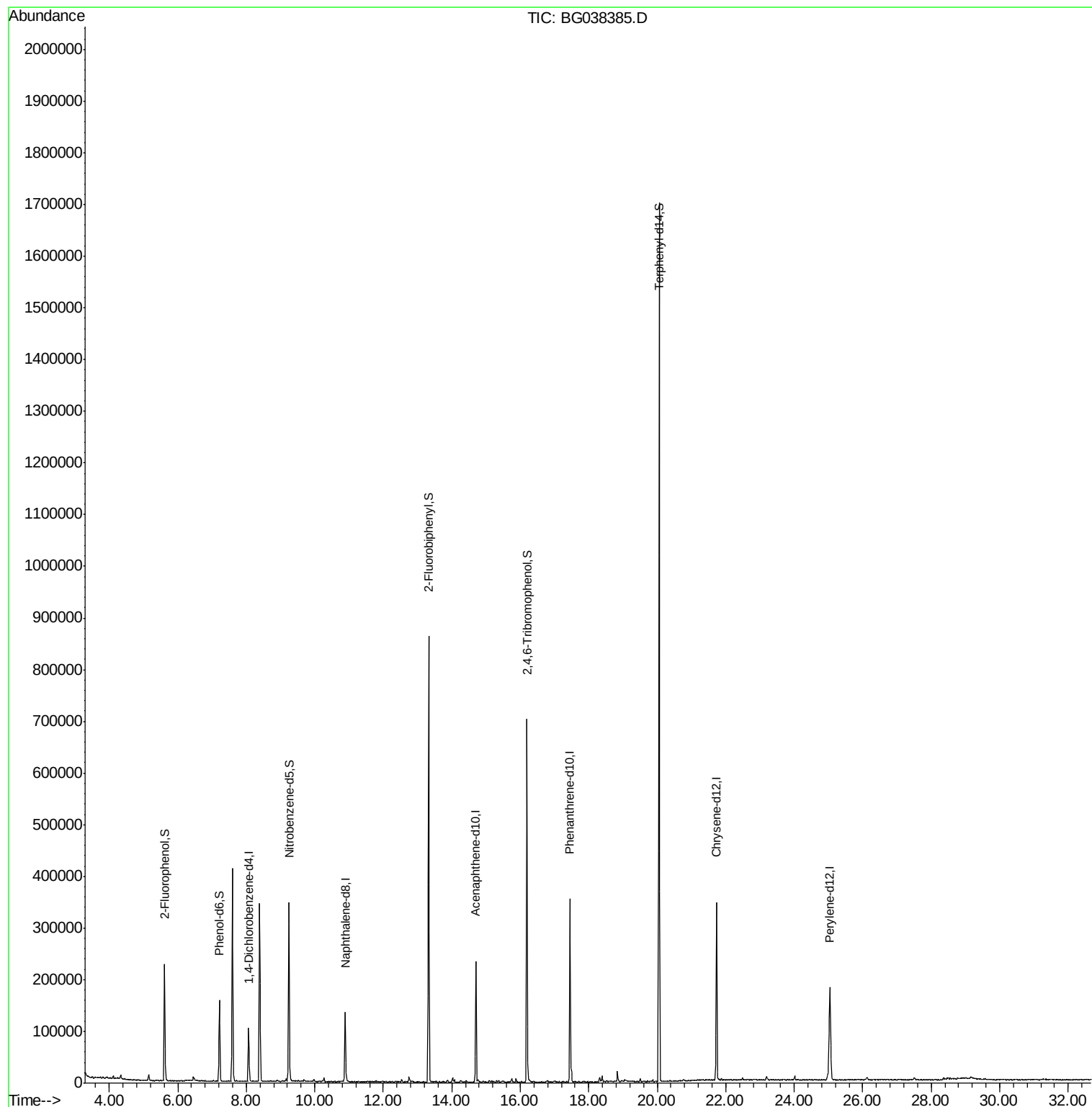
Target Compounds Qvalue

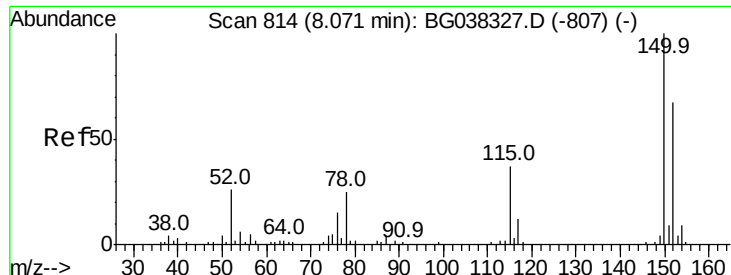
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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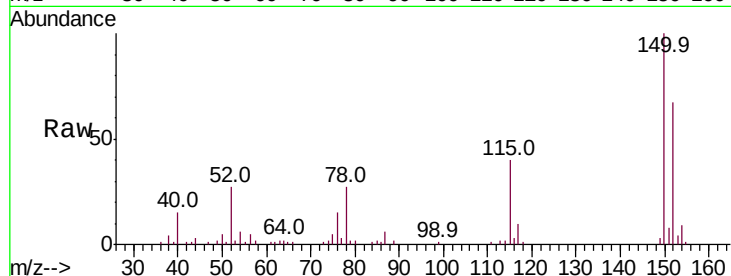


#1

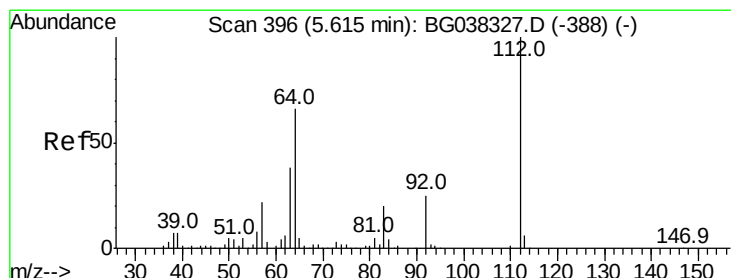
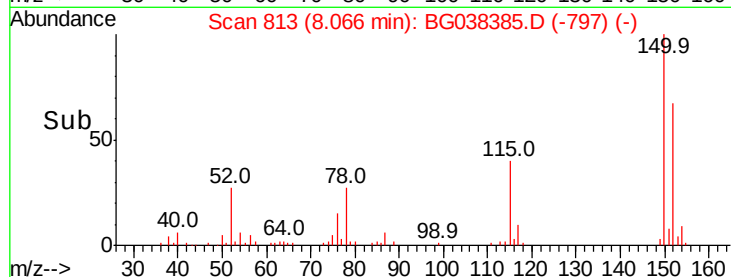
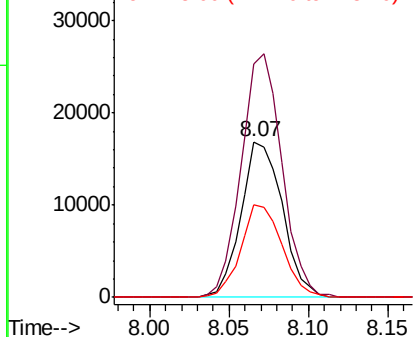
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038385.D
Acq: 6 Dec 2018 15:29

Instrument :
BNA_G
ClientSampleId :
NON-UST-05A

Tot Ion:152 Resp: 30522
Ion Ratio Lower Upper
152 100
150 149.6 126.0 189.0
115 59.3 45.5 68.3



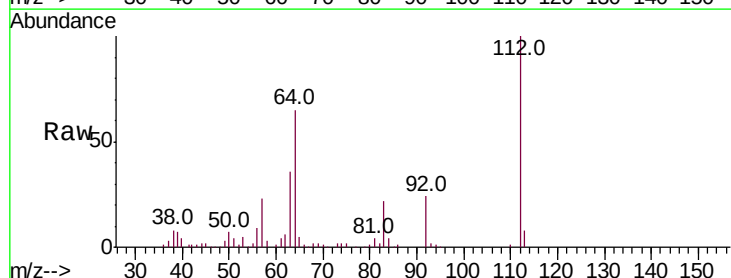
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



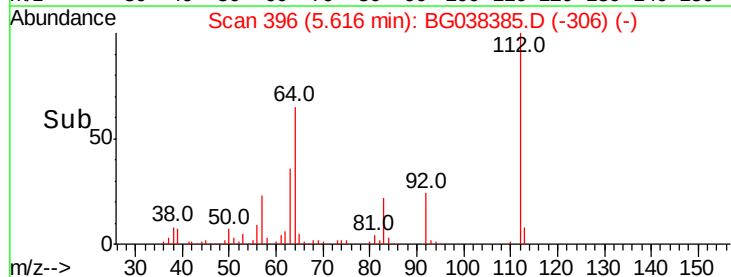
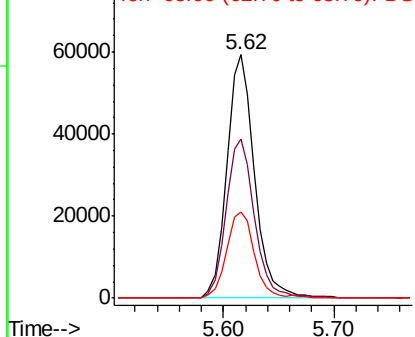
#5

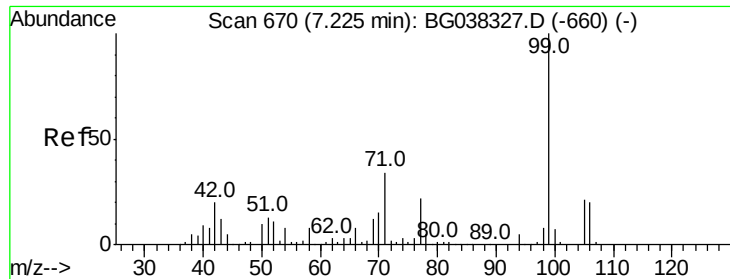
2-Fluorophenol
Concen: 60.307 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038385.D
Acq: 6 Dec 2018 15:29

Tgt Ion:112 Resp: 104015
Ion Ratio Lower Upper
112 100
64 65.5 53.1 79.7
63 35.5 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: 37.431 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

Instrument :

BNA_G

ClientSampleId :

NON-UST-05A

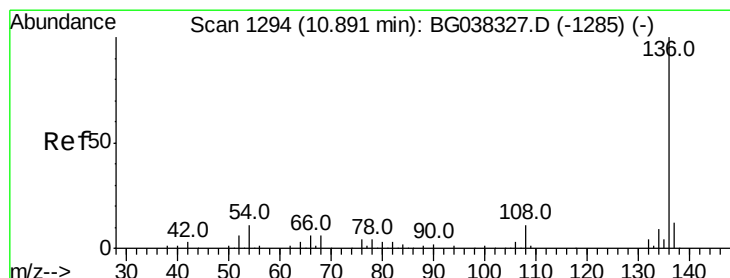
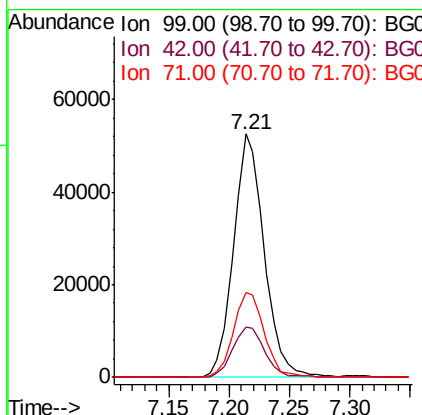
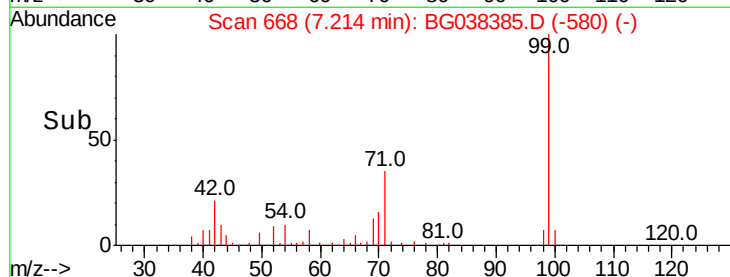
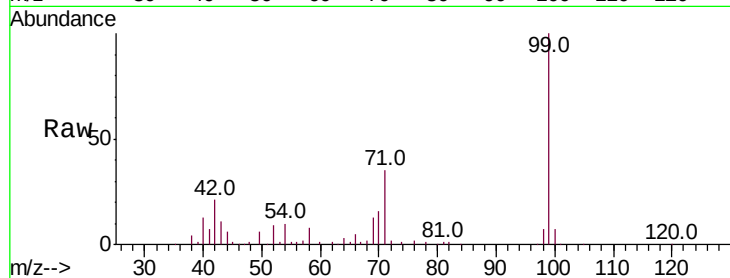
Tot Ion: 99 Resp: 93310

Ion Ratio Lower Upper

99 100

42 20.6 15.0 22.4

71 34.6 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

Tgt Ion: 136 Resp: 125885

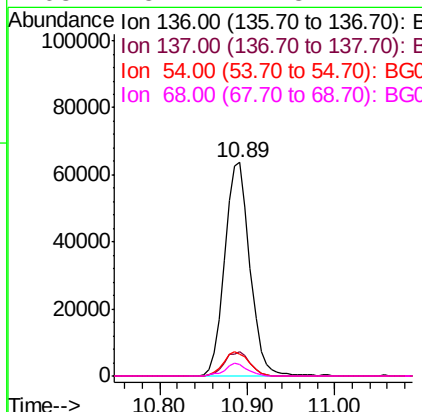
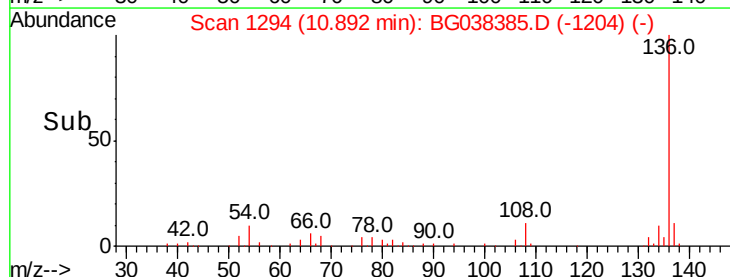
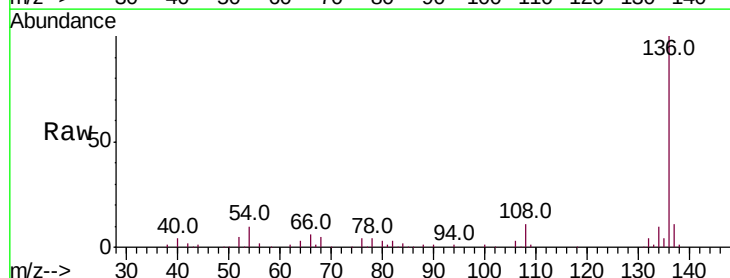
Ion Ratio Lower Upper

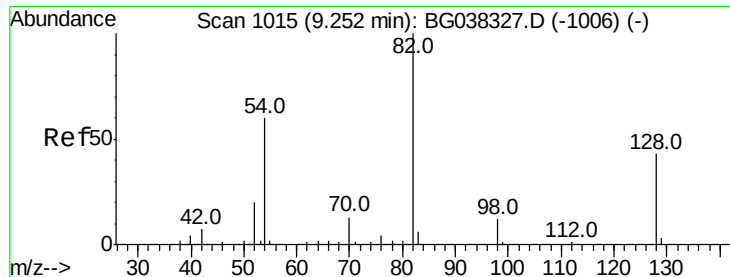
136 100

137 11.1 9.6 14.4

54 10.1 7.9 11.9

68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.944 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

Instrument :

BNA_G

ClientSampleId :

NON-UST-05A

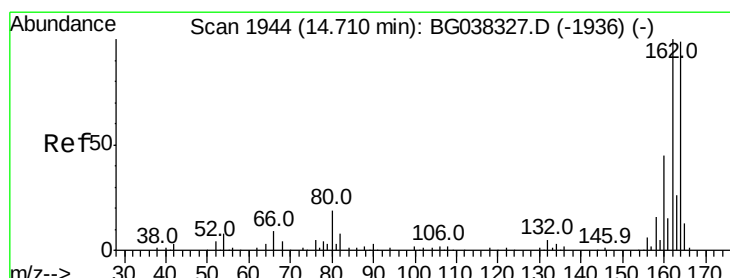
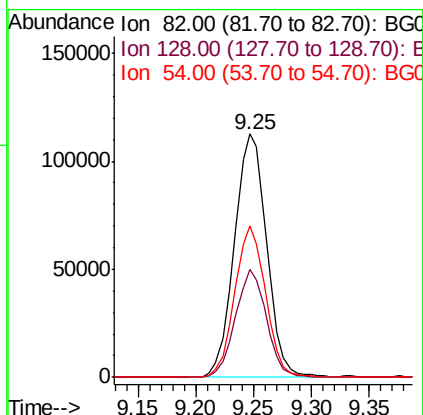
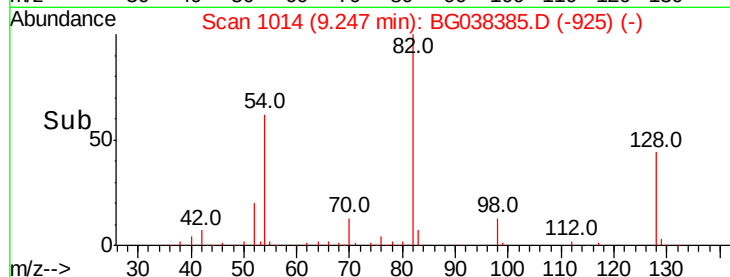
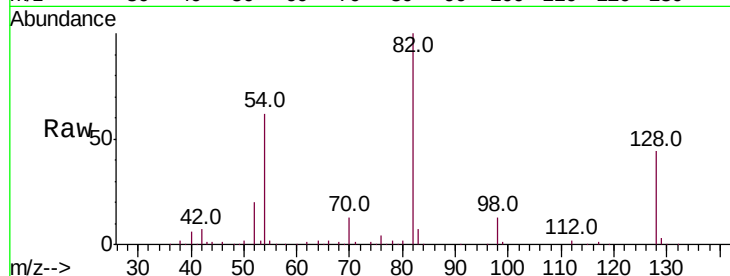
Tot Ion: 82 Resp: 217915

Ion Ratio Lower Upper

82 100

128 44.3 34.6 51.8

54 62.0 45.3 67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

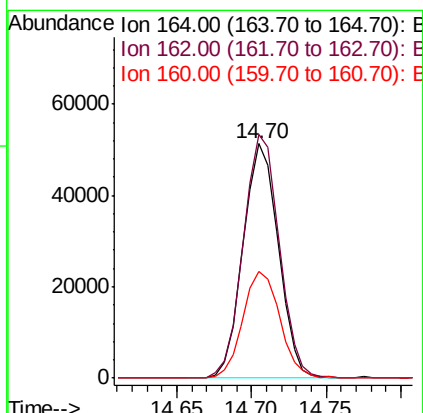
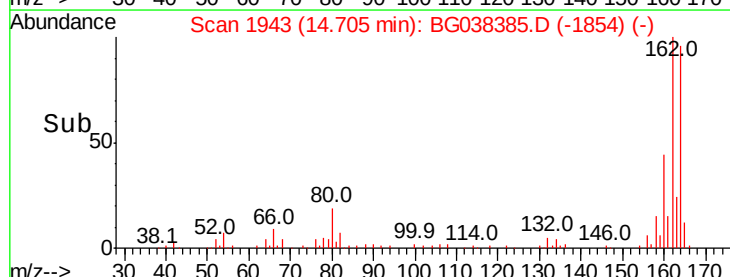
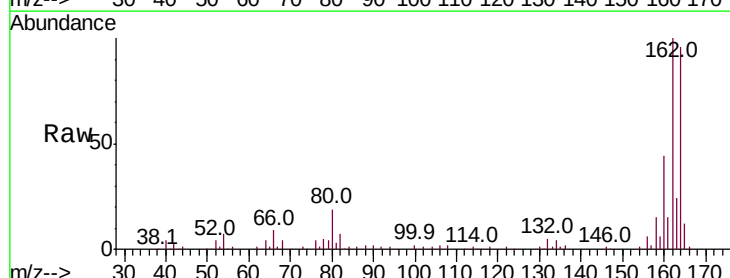
Tgt Ion: 164 Resp: 84078

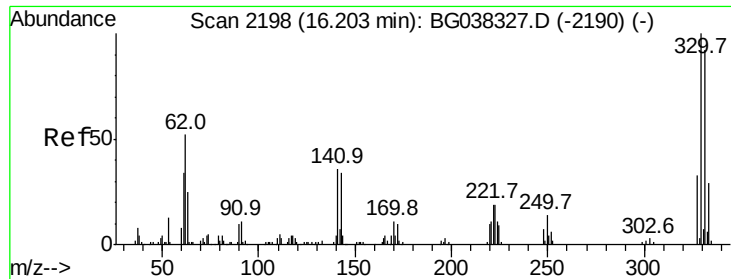
Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 45.4 36.3 54.5

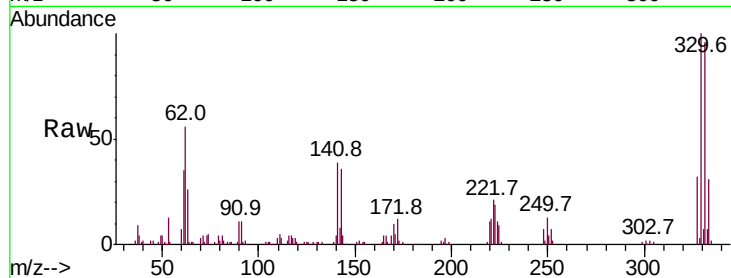




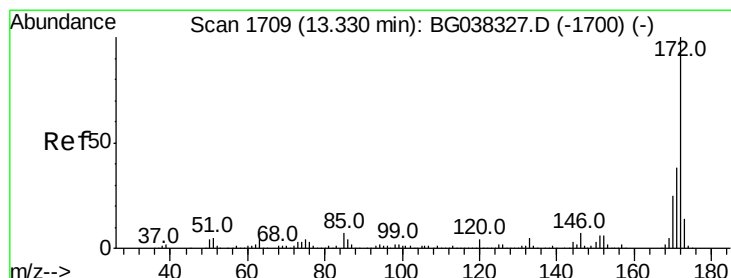
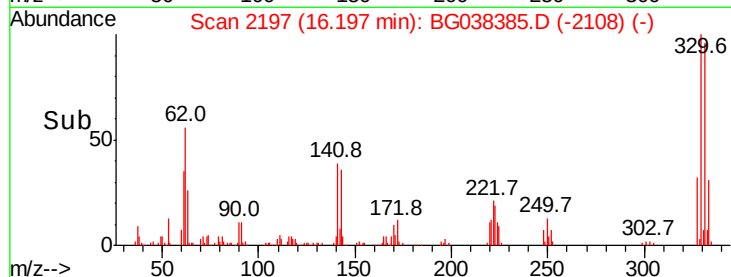
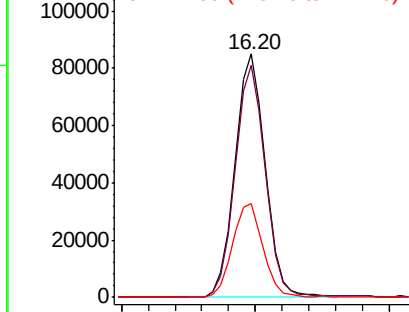
#42
 2,4,6-Tribromophenol
 Concen: 129.707 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :
 NON-UST-05A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.4	117.6
141	39.2	32.2	48.2

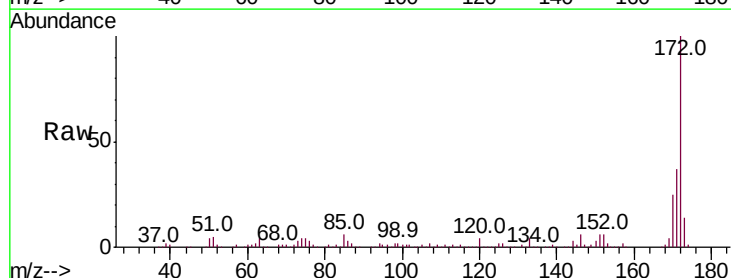


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

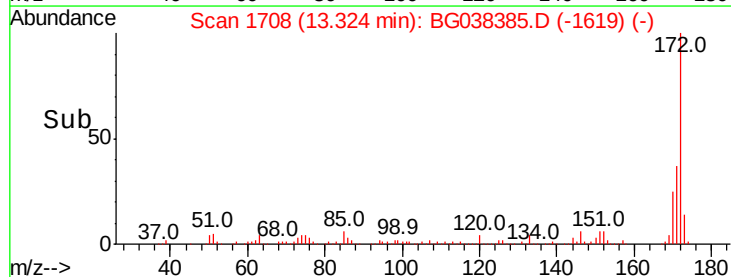
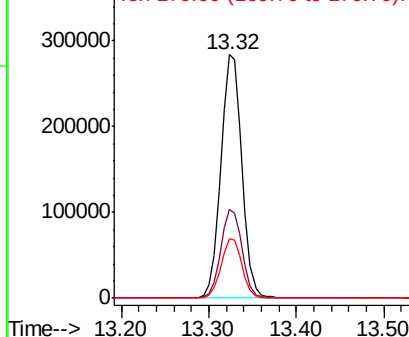


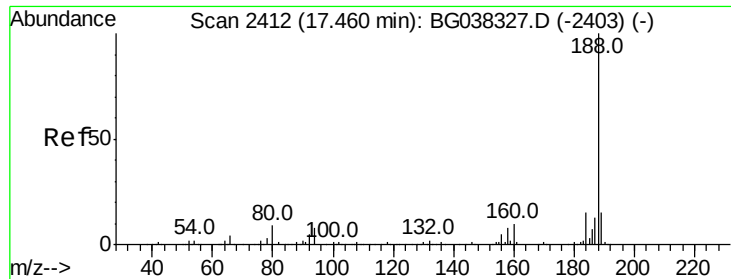
#45
 2-Fluorobiphenyl
 Concen: 79.829 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038385.D
 Acq: 6 Dec 2018 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.0	46.4
170	24.6	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: BG038385.D

Acq: 6 Dec 2018 15:29

Instrument :

BNA_G

ClientSampleId :

NON-UST-05A

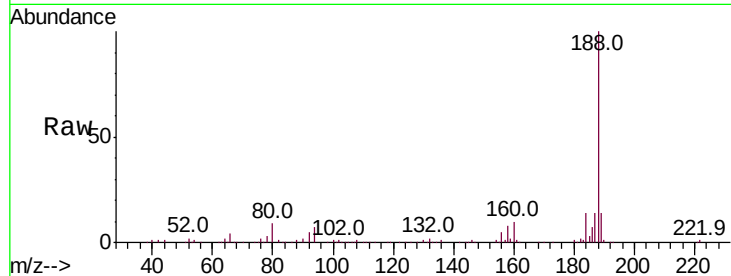
Tot Ion:188 Resp: 219499

Ion Ratio Lower Upper

188 100

94 6.7 7.2 10.8#

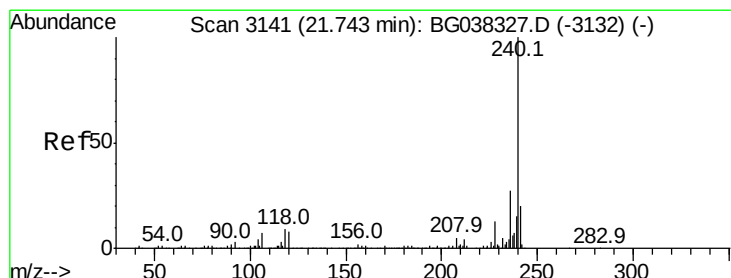
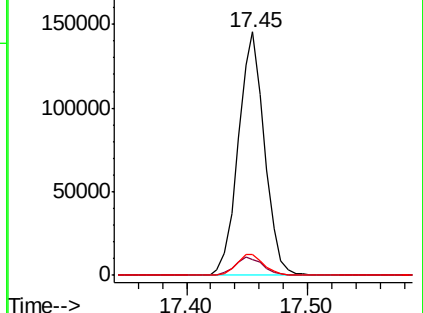
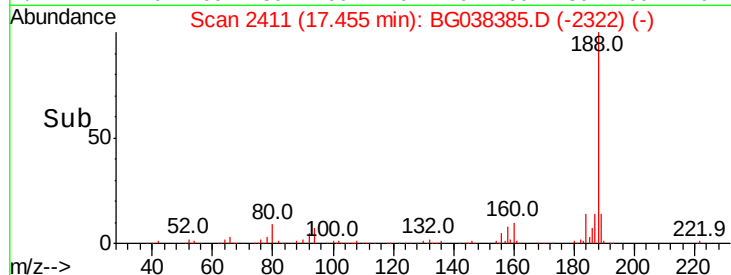
80 8.8 7.7 11.5



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: BG038385.D

Acq: 6 Dec 2018 15:29

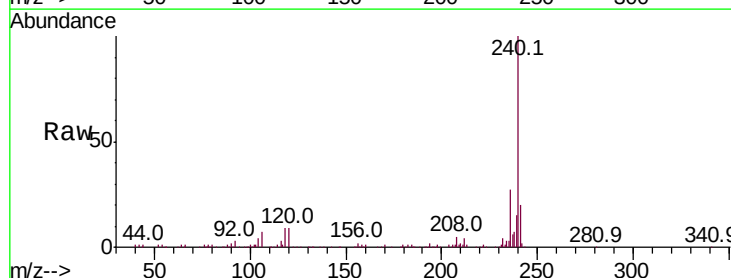
Tgt Ion:240 Resp: 211486

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

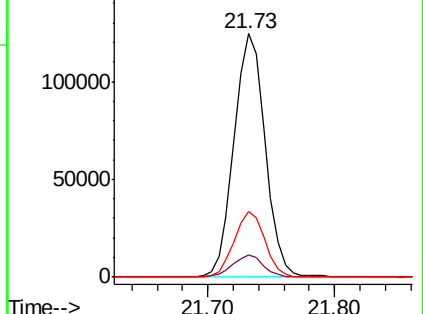
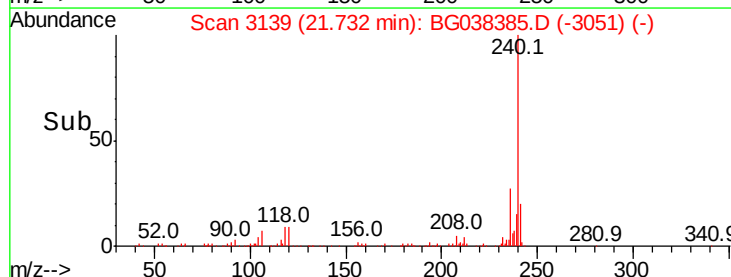
236 26.8 21.4 32.0

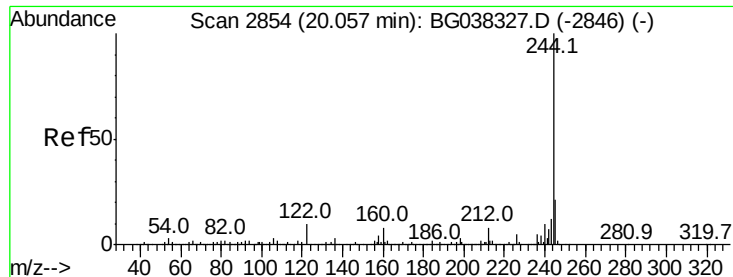


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.752 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038385.D

Acq: 6 Dec 2018 15:29

Instrument :

BNA_G

ClientSampleId :

NON-UST-05A

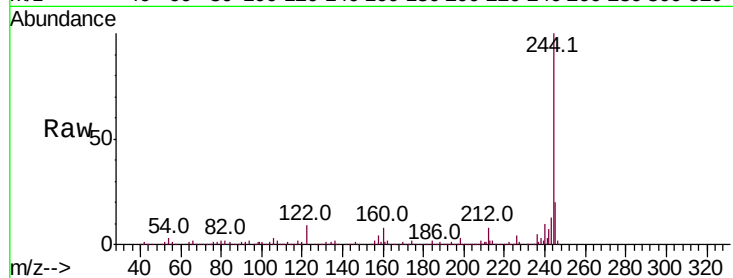
Tot Ion:244 Resp: 826804

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

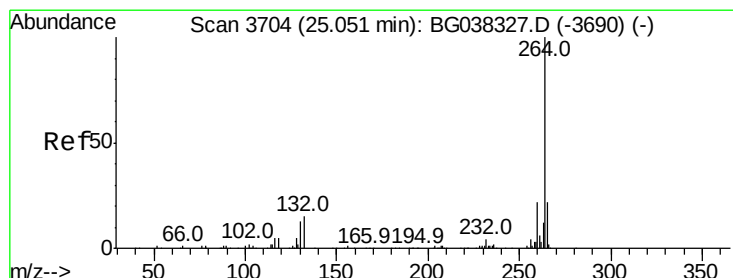
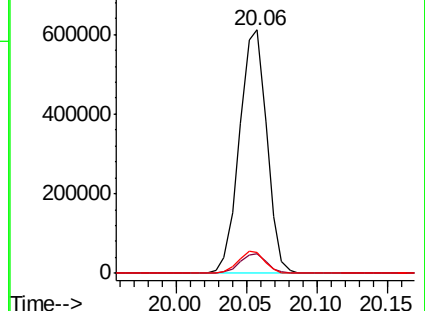
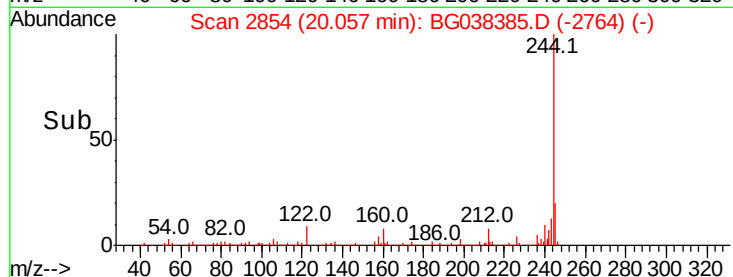
122 8.7 9.0 13.4#



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: BG038385.D

Acq: 6 Dec 2018 15:29

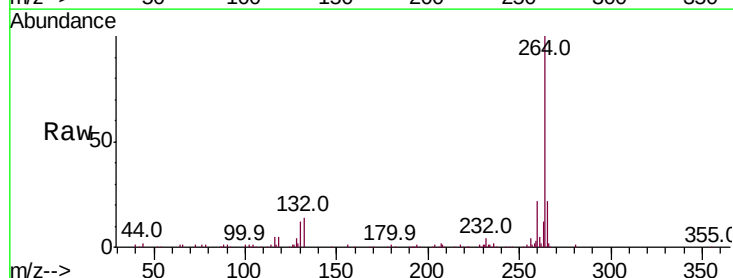
Tgt Ion:264 Resp: 219237

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 22.0 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

