

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038463.D
 Acq On : 11 Dec 2018 9:24
 Operator : JU/SJ
 Sample : J6316-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-1

Quant Time: Dec 11 10:28:09 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	26018	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	106138	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67590	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	248627	20.00	ng	0.00
76) Chrysene-d12	21.73	240	177156	20.00	ng	-0.01
87) Perylene-d12	25.04	264	176018	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	171480	116.63	ng	0.00
7) Phenol-d6	7.22	99	206533	97.19	ng	0.00
23) Nitrobenzene-d5	9.25	82	177492	83.02	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	133452	160.83	ng	-0.01
45) 2-Fluorobiphenyl	13.32	172	422579	89.09	ng	0.00
79) Terphenyl-d14	20.05	244	784950	94.92	ng	0.00

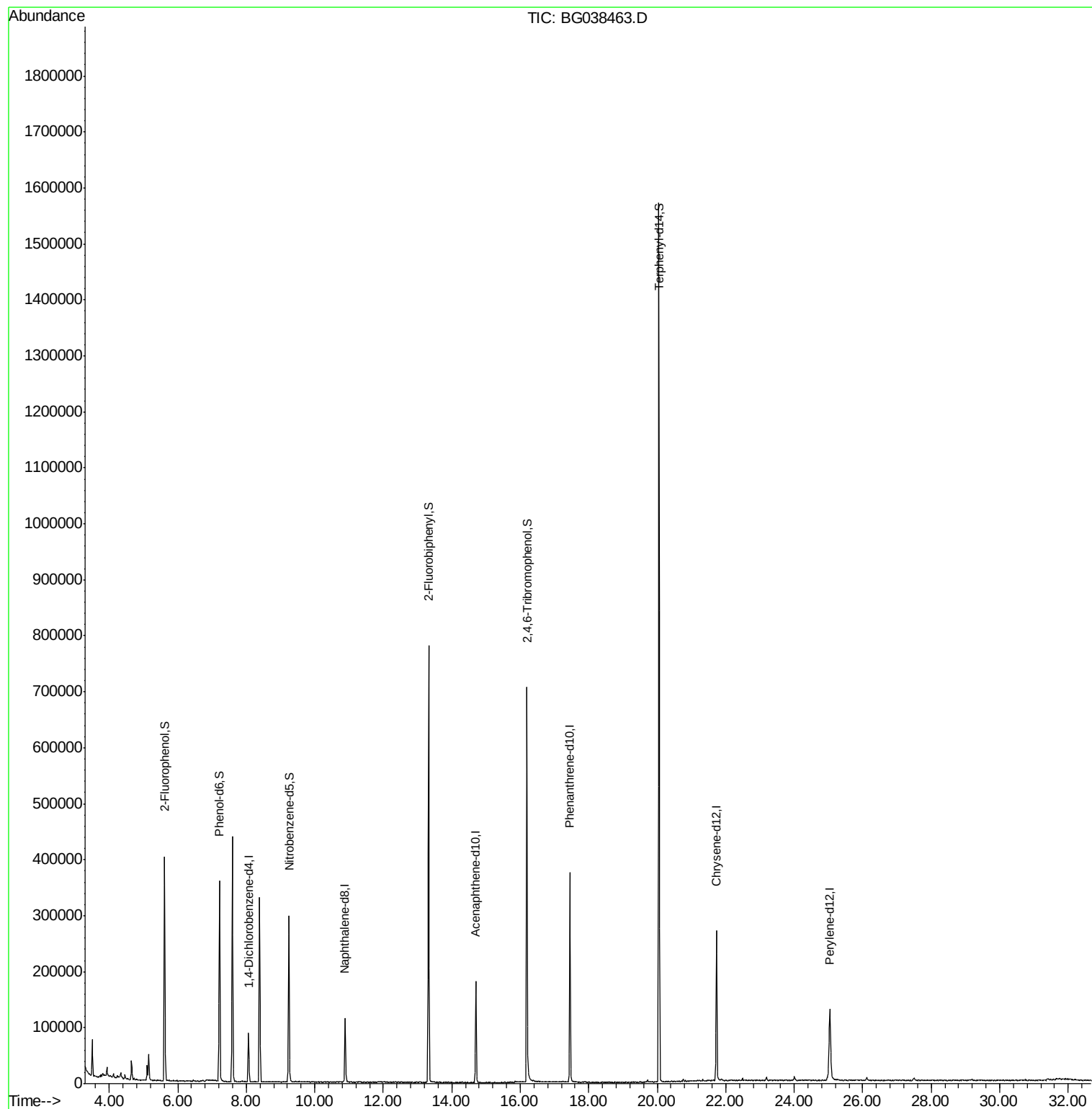
Target Compounds Qvalue

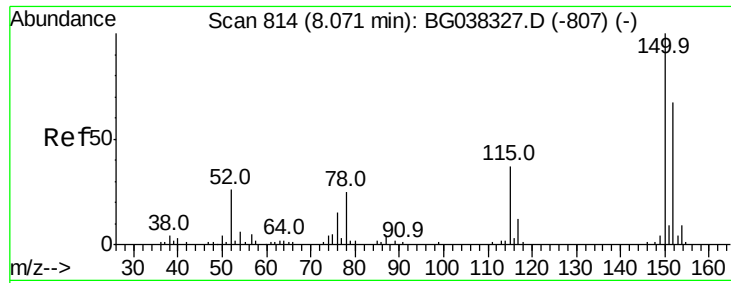
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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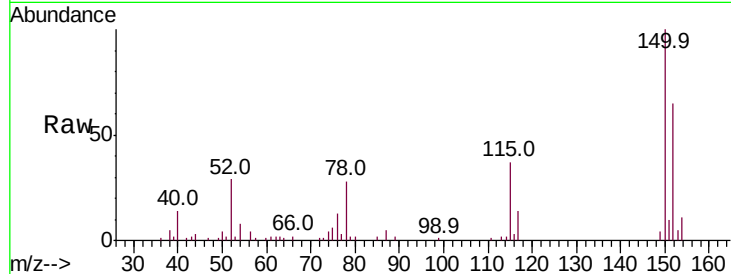


#1

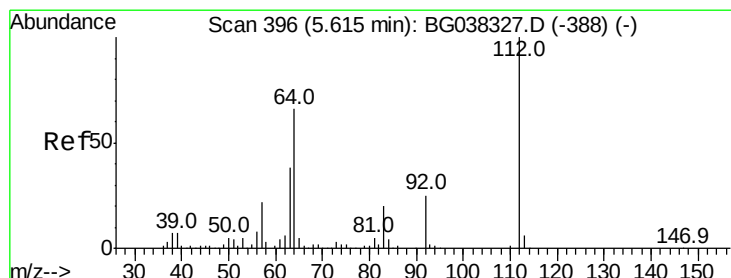
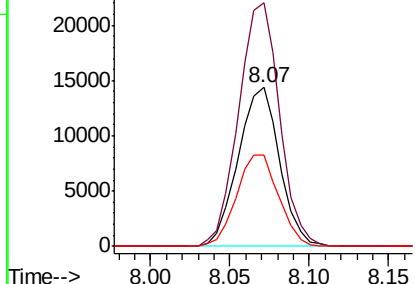
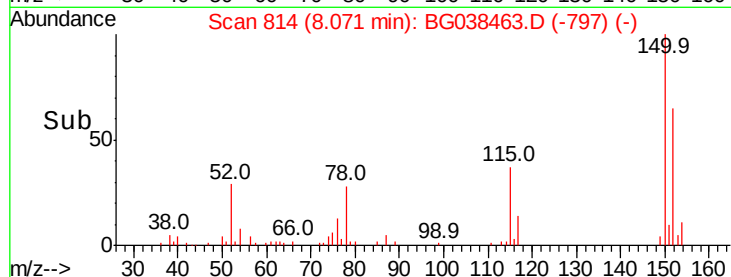
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038463.D
Acq: 11 Dec 2018 9:24

Instrument :
BNA_G
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tot Ion:152 Resp: 26018
Ion Ratio Lower Upper
152 100
150 153.5 126.0 189.0
115 57.3 45.5 68.3



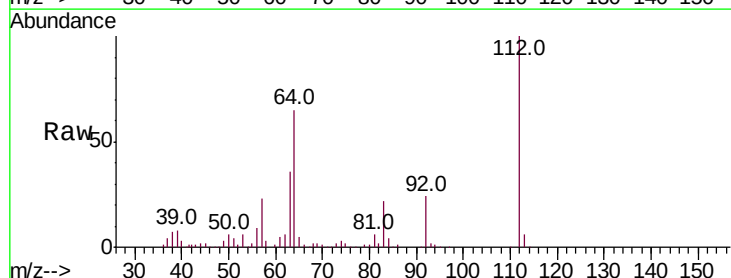
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



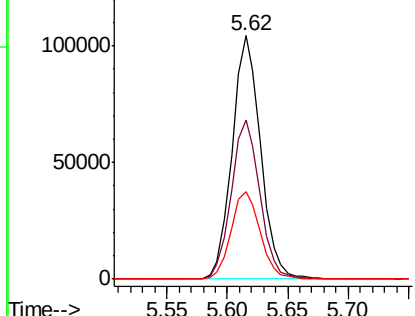
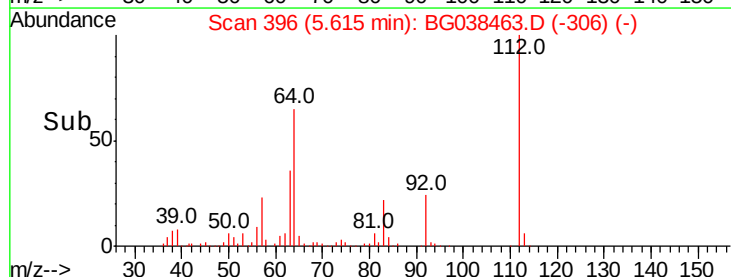
#5

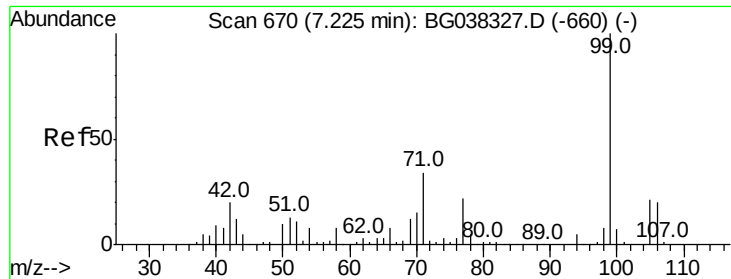
2-Fluorophenol
Concen: 116.634 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG038463.D
Acq: 11 Dec 2018 9:24

Tgt Ion:112 Resp: 171480
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 35.7 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: 97.192 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038463.D

Acq: 11 Dec 2018 9:24

Instrument :

BNA_G

ClientSampleId :

AVE-X-B-BALL-FIELD-S-1

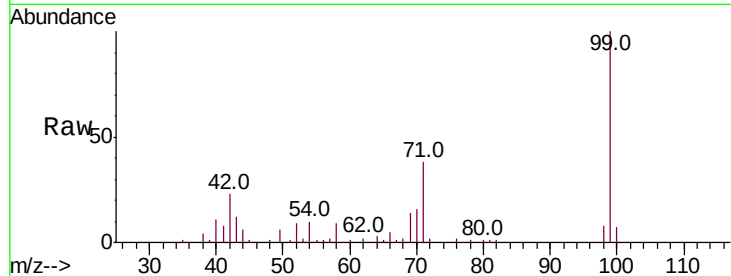
Tot Ion: 99 Resp: 206533

Ion Ratio Lower Upper

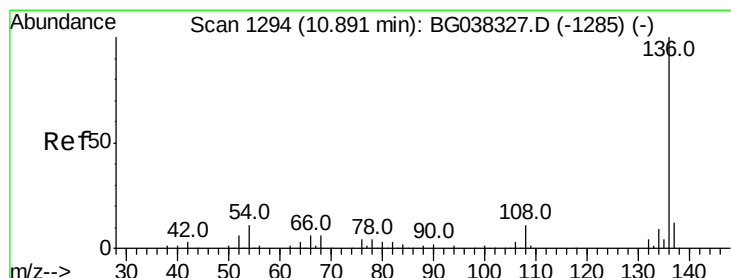
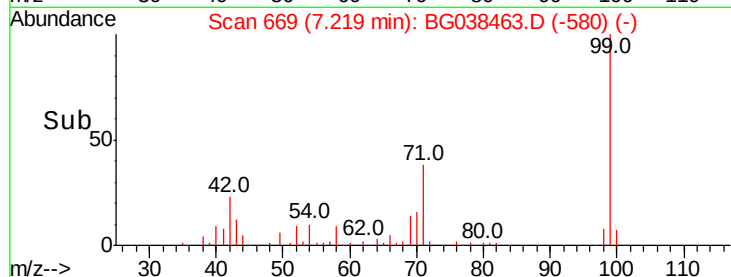
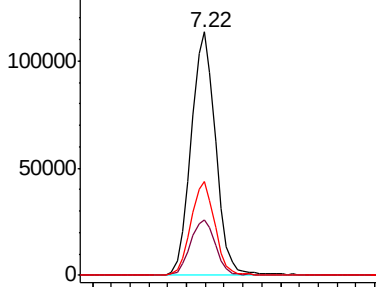
99 100

42 23.0 15.0 22.4#

71 38.3 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# 1293

Delta R.T. -0.01 min

Lab File: BG038463.D

Acq: 11 Dec 2018 9:24

Tgt Ion: 136 Resp: 106138

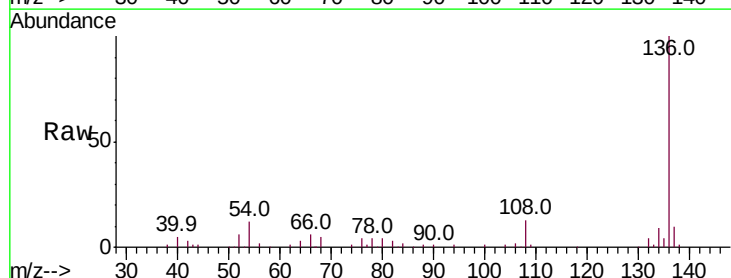
Ion Ratio Lower Upper

136 100

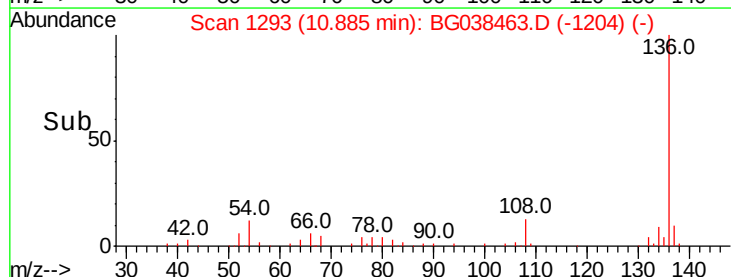
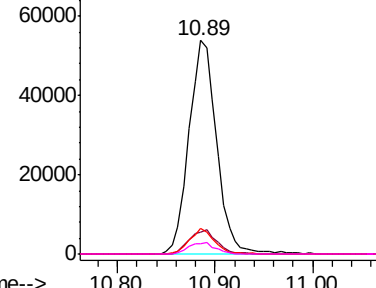
137 10.3 9.6 14.4

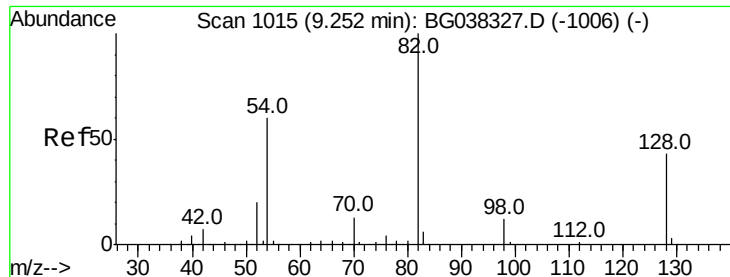
54 11.9 7.9 11.9#

68 4.8 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

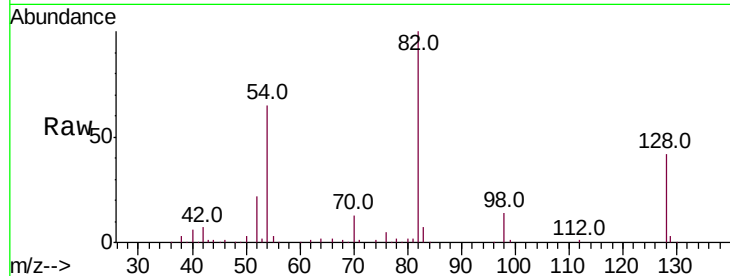




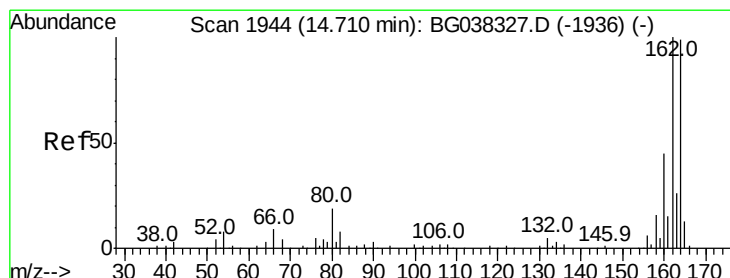
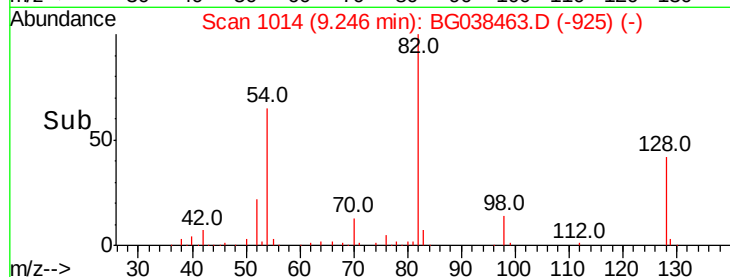
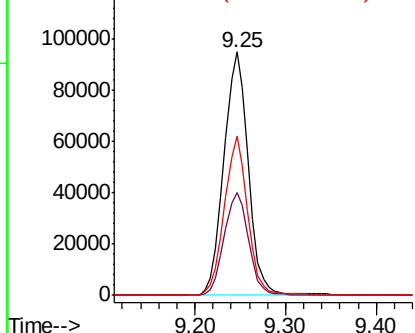
#23
 Nitrobenzene-d5
 Concen: 83.025 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038463.D
 Acq: 11 Dec 2018 9:24

Instrument :
 BNA_G
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	51.8
54	65.2	45.3	67.9

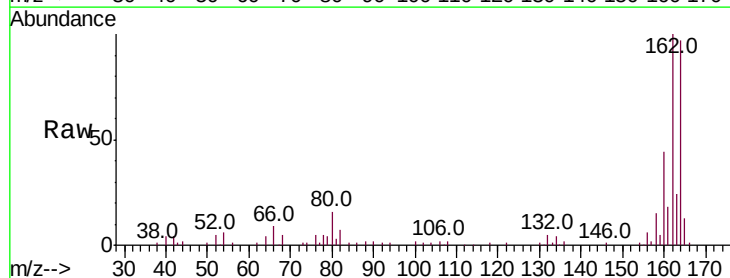


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

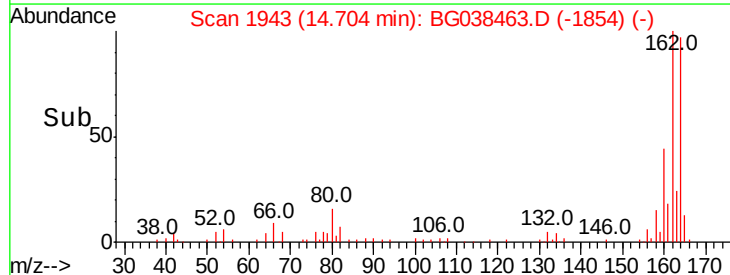
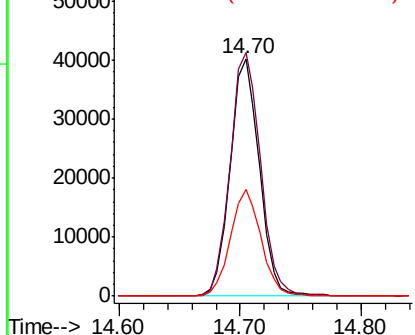


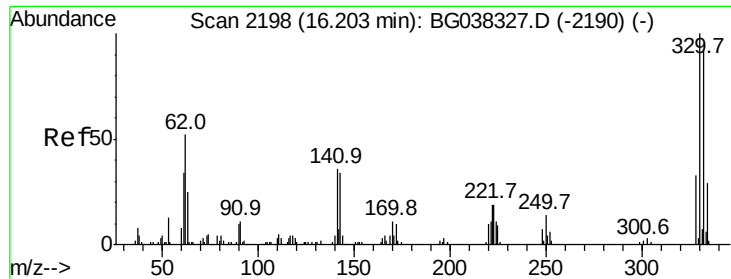
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038463.D
 Acq: 11 Dec 2018 9:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.3	121.9
160	44.8	36.3	54.5



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: 160.834 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG038463.D

Acq: 11 Dec 2018 9:24

Instrument :

BNA_G

ClientSampleId :

AVE-X-B-BALL-FIELD-S-1

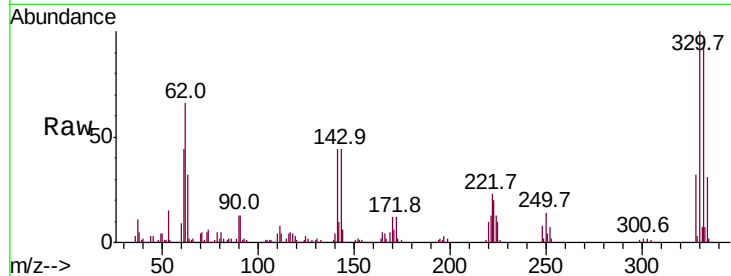
Tot Ion:330 Resp: 133452

Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

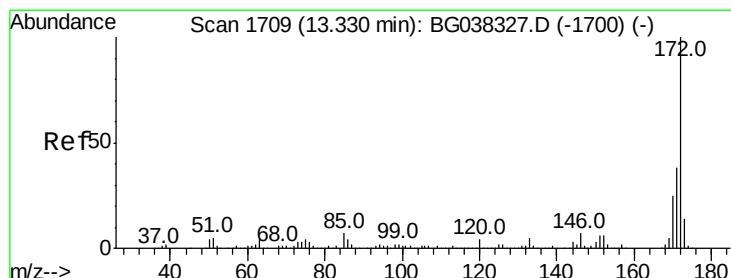
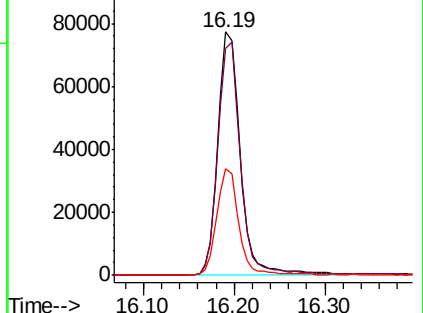
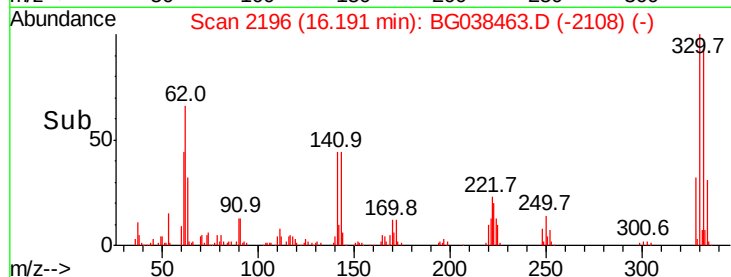
141 42.8 32.2 48.2



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: 89.087 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BG038463.D

Acq: 11 Dec 2018 9:24

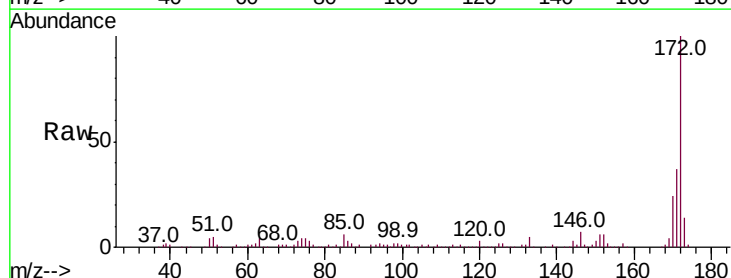
Tgt Ion:172 Resp: 422579

Ion Ratio Lower Upper

172 100

171 37.1 31.0 46.4

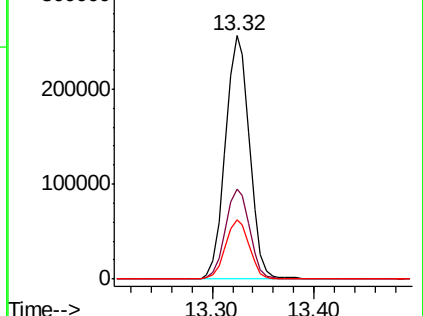
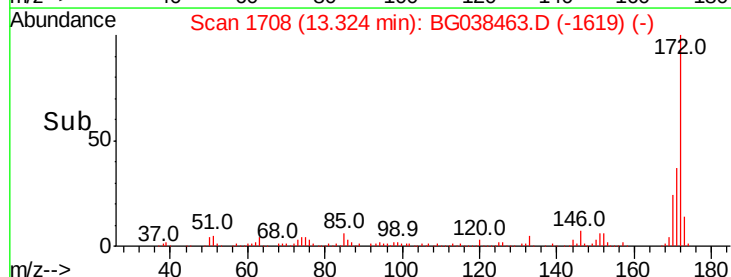
170 24.4 20.2 30.2

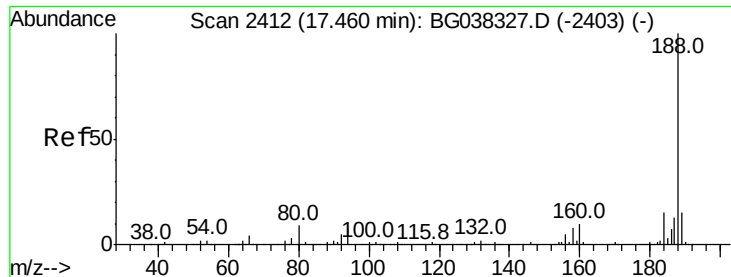


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

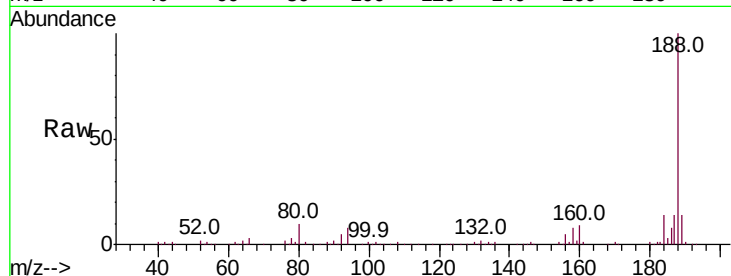




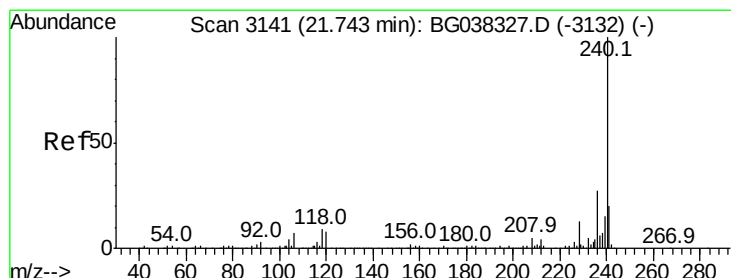
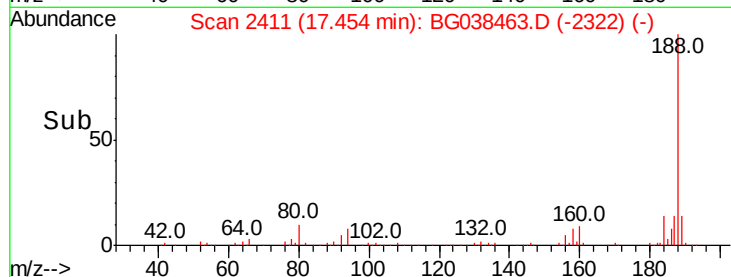
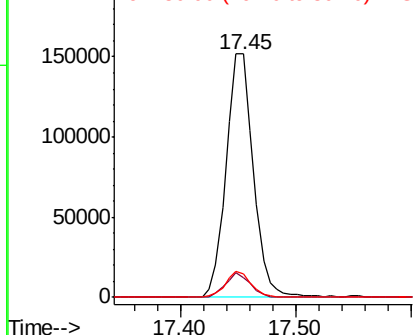
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038463.D
 Acq: 11 Dec 2018 9:24

Instrument :
 BNA_G
 ClientSampleId :
 AVE-X-B-BALL-FIELD-S-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.9	7.7	11.5

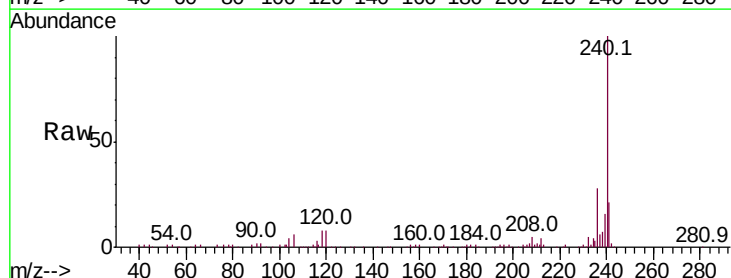


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

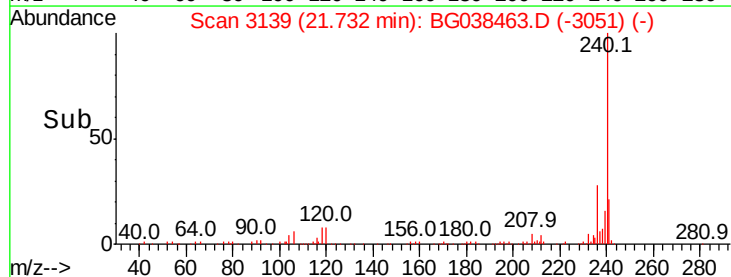
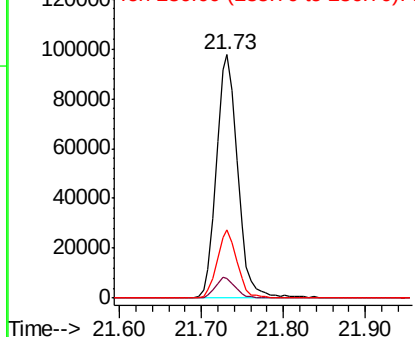


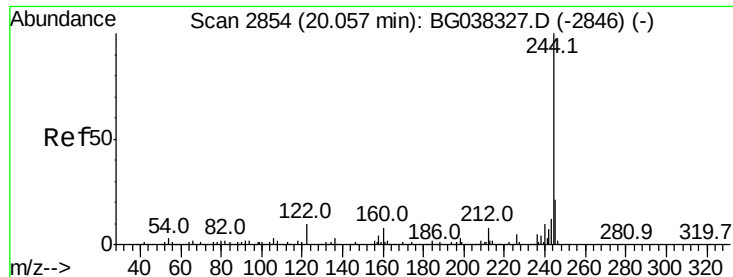
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG038463.D
 Acq: 11 Dec 2018 9:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	8.1	12.1
236	27.9	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: 94.920 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038463.D

Acq: 11 Dec 2018 9:24

Instrument :

BNA_G

ClientSampleId :

AVE-X-B-BALL-FIELD-S-1

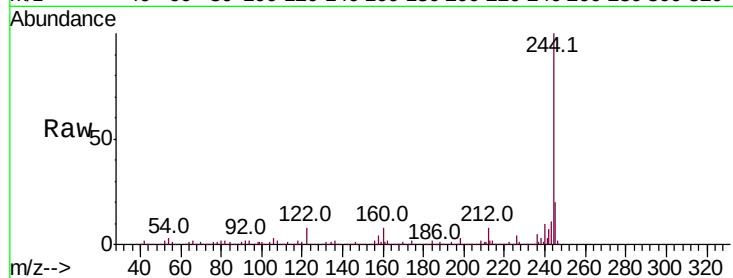
Tot Ion:244 Resp: 784950

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

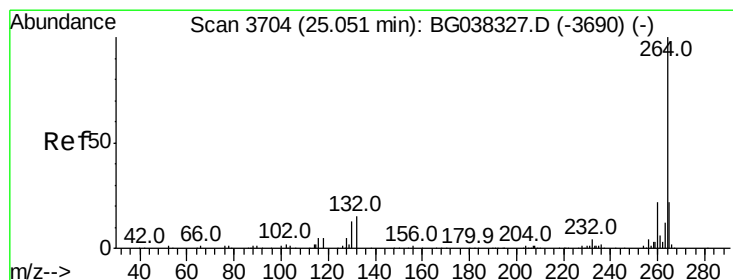
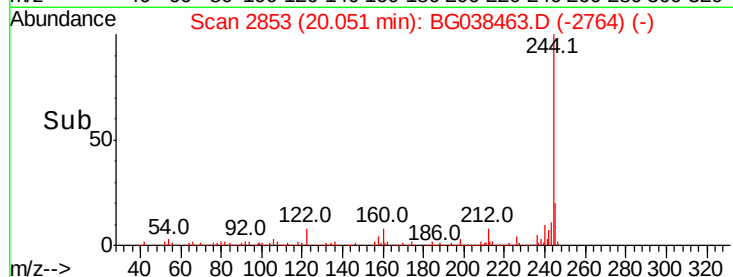
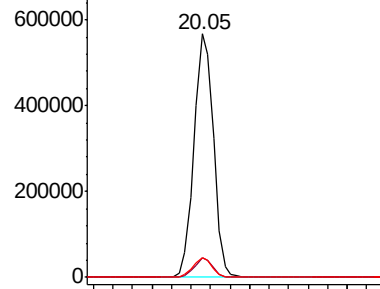
122 8.1 9.0 13.4#



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: BG038463.D

Acq: 11 Dec 2018 9:24

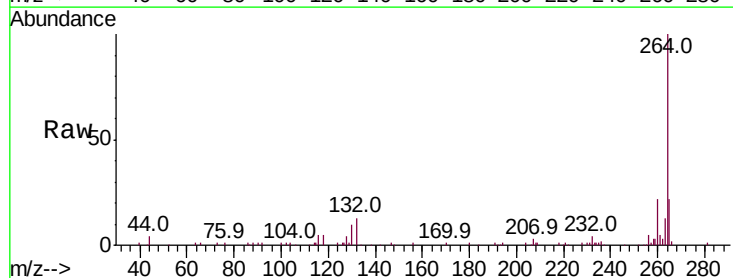
Tgt Ion:264 Resp: 176018

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 22.5 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

