

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043447.D
 Acq On : 31 Oct 2019 23:34
 Operator : JU
 Sample : K5614-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TREATMENT-SYSTEM-MEDIA

Quant Time: Nov 01 05:27:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46825	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	171246	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	119453	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	275780	20.00	ng	0.00
76) Chrysene-d12	21.66	240	292997	20.00	ng	0.00
87) Perylene-d12	24.87	264	336632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	265842	104.03	ng	0.00
7) Phenol-d6	7.21	99	372569	101.34	ng	0.00
23) Nitrobenzene-d5	9.18	82	240081	72.28	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	203038	89.32	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	650216	75.22	ng	0.00
79) Terphenyl-d14	20.01	244	1141748	73.11	ng	0.00

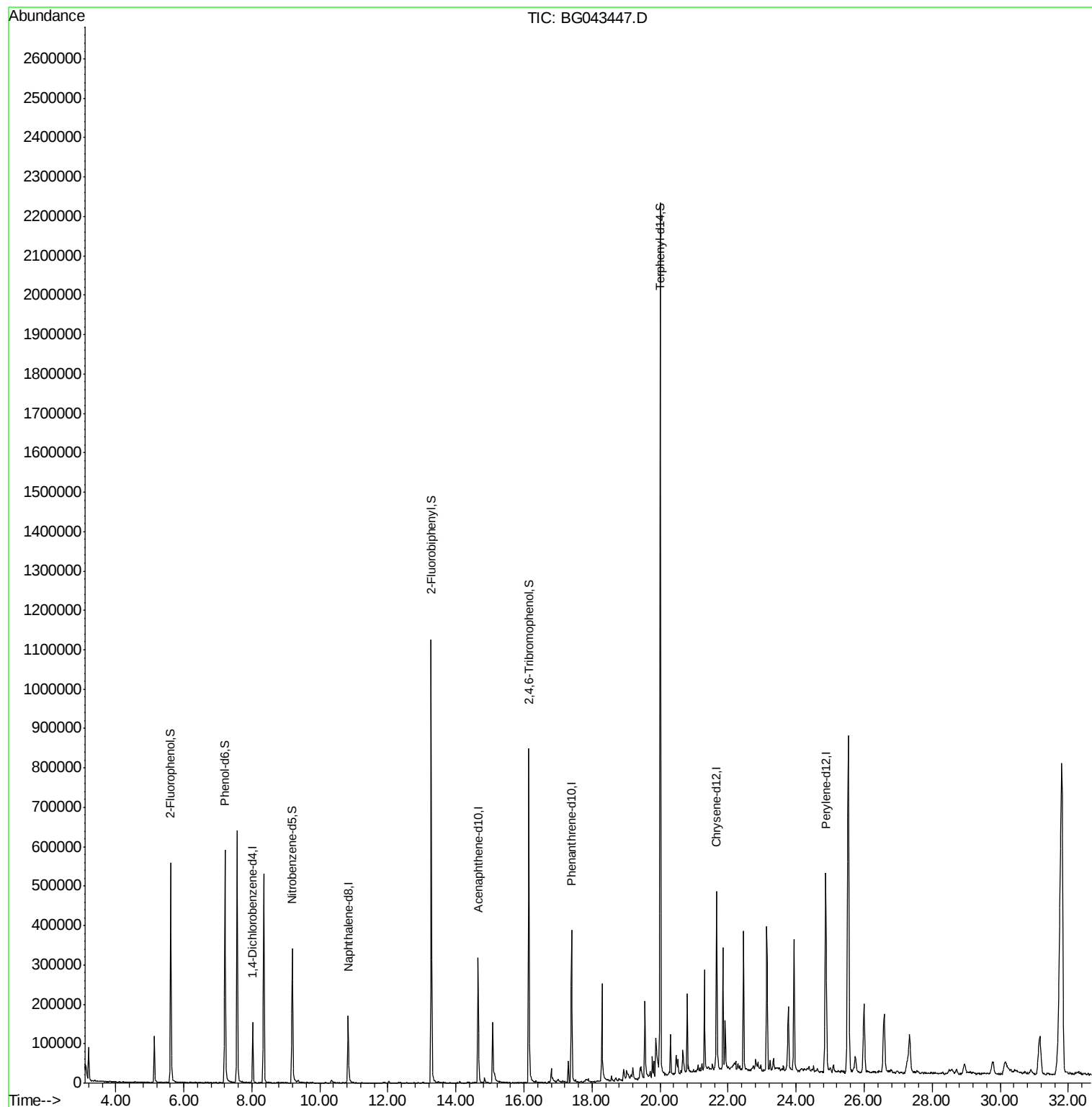
Target Compounds Qvalue

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

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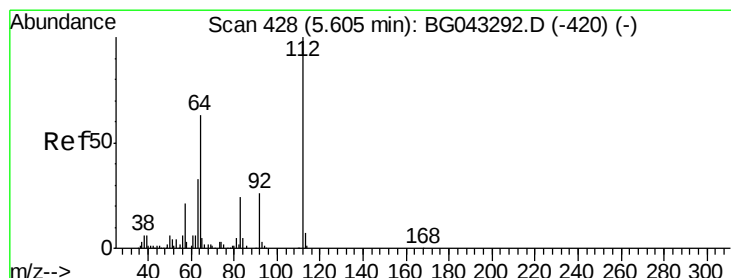
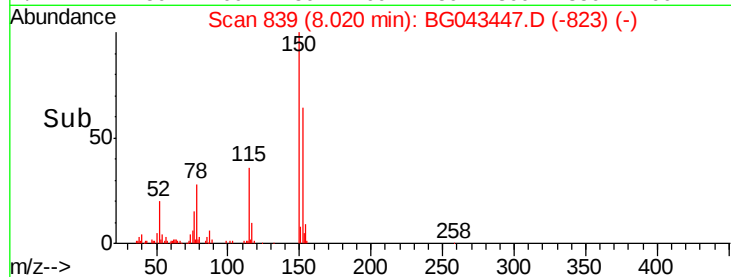
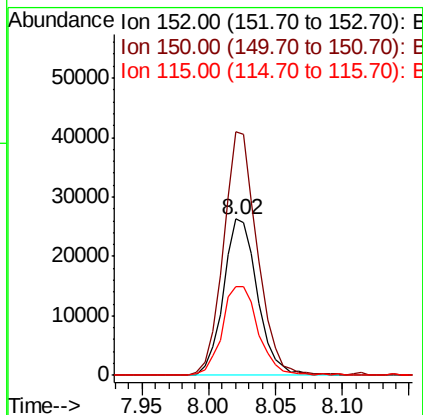
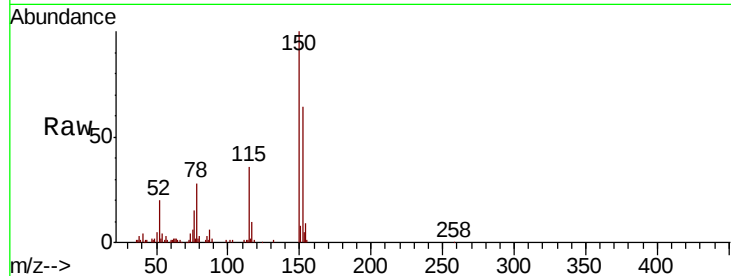


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043447.D
Acq: 31 Oct 2019 23:34

Instrument :
BNA_G
ClientSampleId :
TREATMENT-SYSTEM-MEDIA

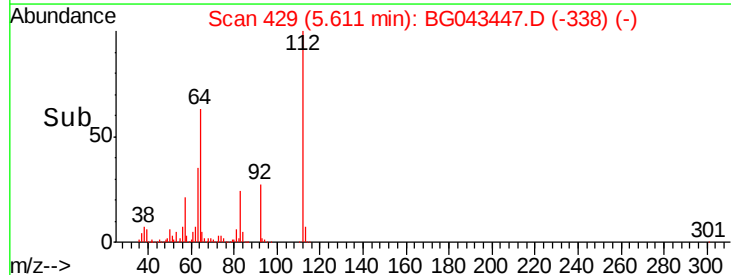
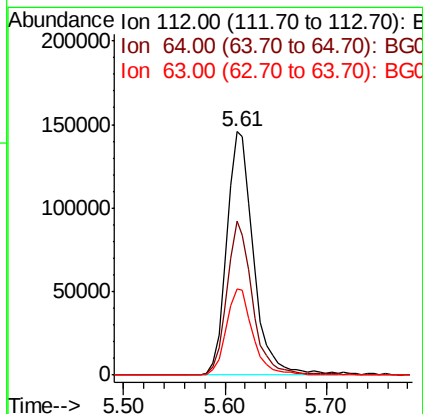
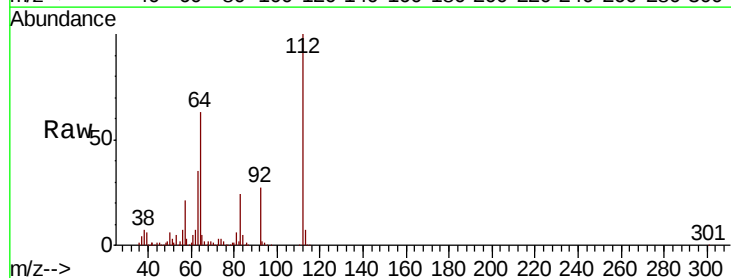
Tot Ion:152 Resp: 46825
Ion Ratio Lower Upper
152 100
150 155.9 113.6 170.4
115 56.5 45.9 68.9

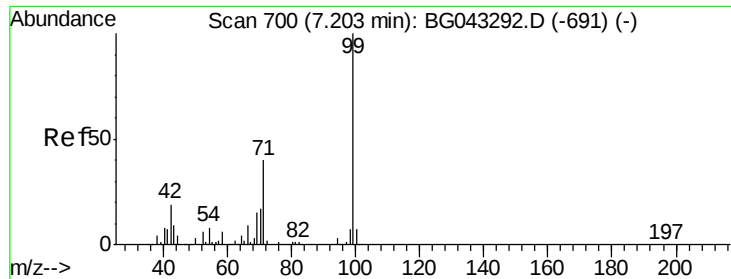


#5

2-Fluorophenol
Concen: 104.034 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043447.D
Acq: 31 Oct 2019 23:34

Tgt Ion:112 Resp: 265842
Ion Ratio Lower Upper
112 100
64 63.5 50.2 75.2
63 35.5 26.7 40.1





#7

Phenol-d6

Concen: 101.338 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043447.D

Acq: 31 Oct 2019 23:34

Instrument :

BNA_G

ClientSampleId :

TREATMENT-SYSTEM-MEDIA

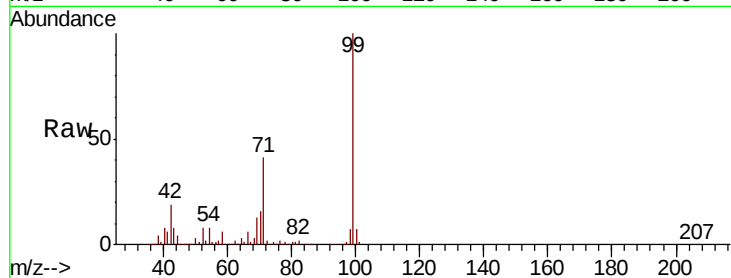
Tot Ion: 99 Resp: 372569

Ion Ratio Lower Upper

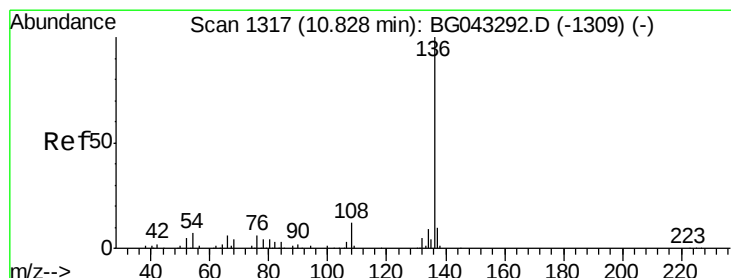
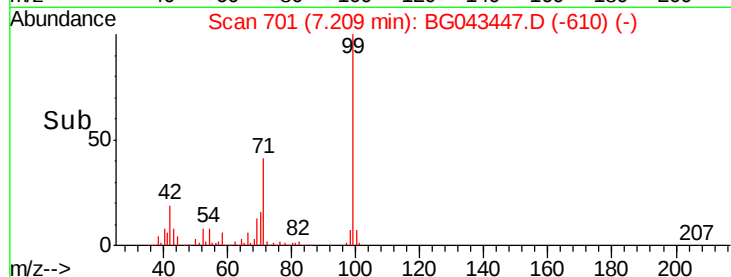
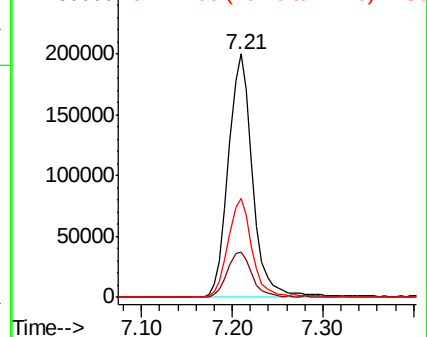
99 100

42 18.7 14.9 22.3

71 40.8 32.2 48.2



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: BG043447.D

Acq: 31 Oct 2019 23:34

Tgt Ion: 136 Resp: 171246

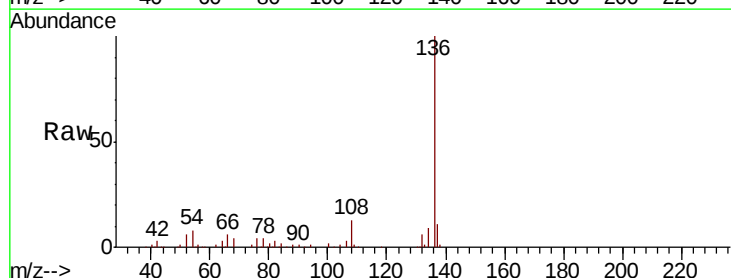
Ion Ratio Lower Upper

136 100

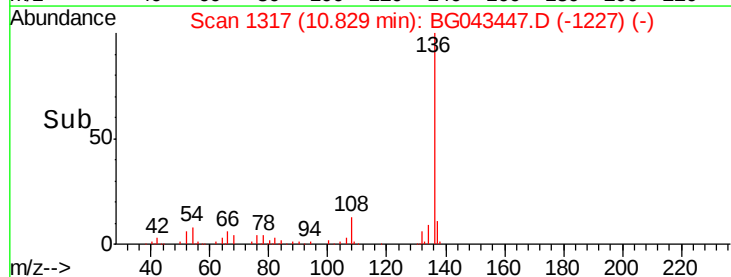
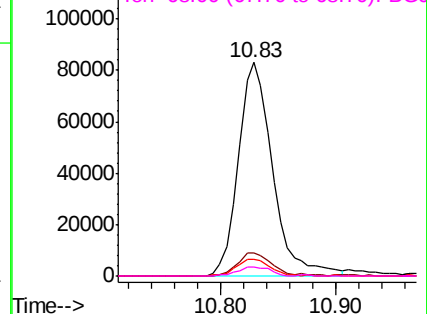
137 10.9 8.2 12.2

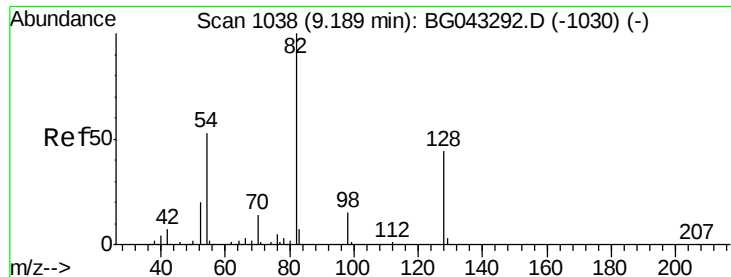
54 7.8 5.4 8.2

68 4.4 3.3 4.9



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

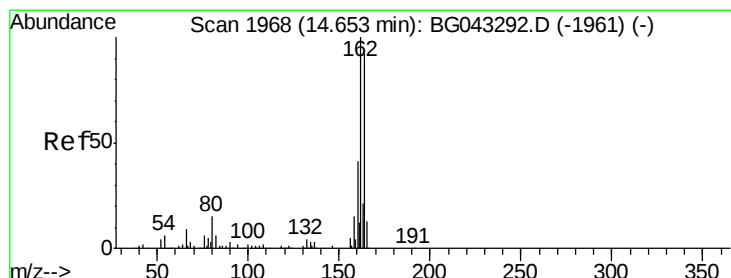
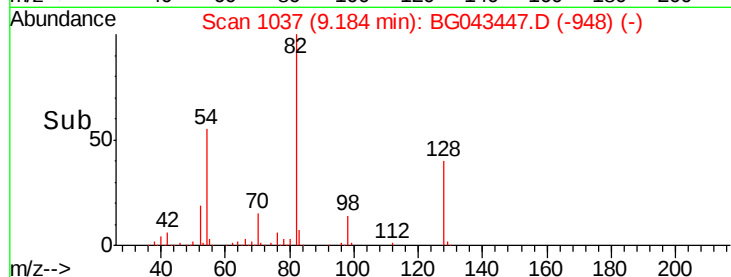
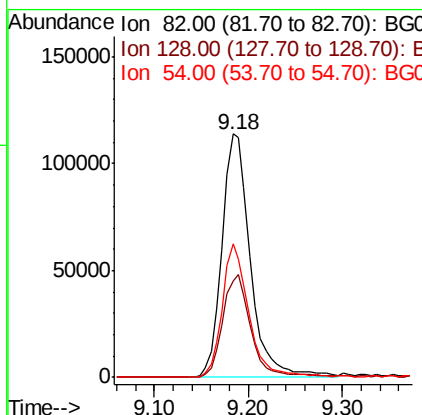
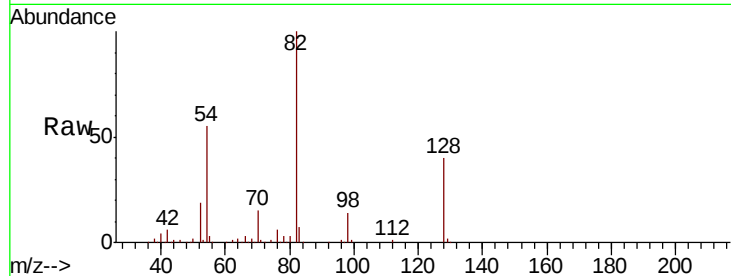




#23
 Nitrobenzene-d5
 Concen: 72.278 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043447.D
 Acq: 31 Oct 2019 23:34

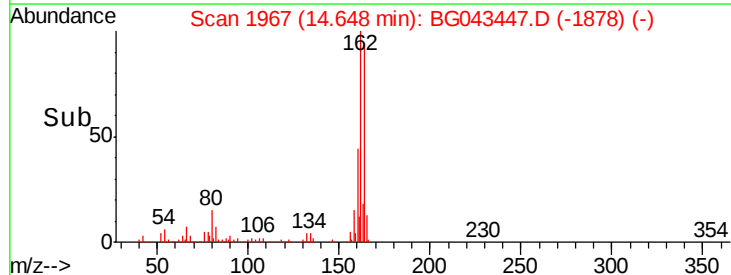
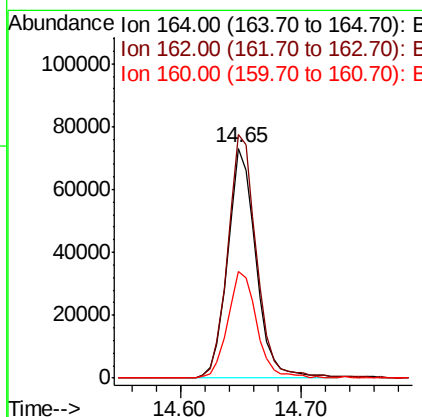
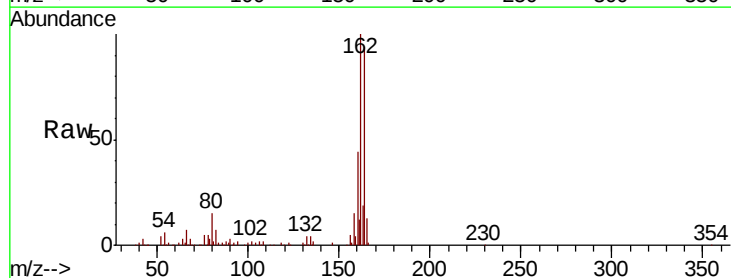
Instrument :
 BNA_G
 ClientSampleId :
 TREATMENT-SYSTEM-MEDIA

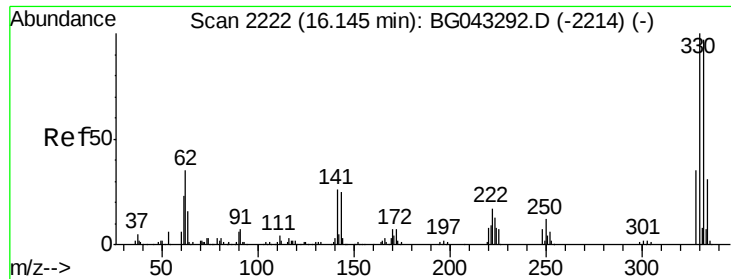
Tot Ion	82	Resp	240081
Ion Ratio	Lower	Upper	
82	100		
128	39.8	35.3	52.9
54	54.6	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG043447.D
 Acq: 31 Oct 2019 23:34

Tgt Ion	164	Resp	119453
Ion Ratio	Lower	Upper	
164	100		
162	105.8	87.0	130.4
160	46.6	35.5	53.3

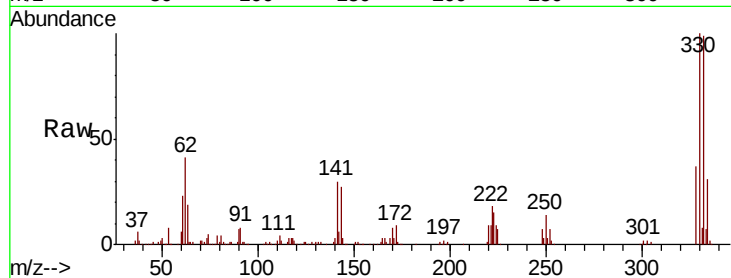




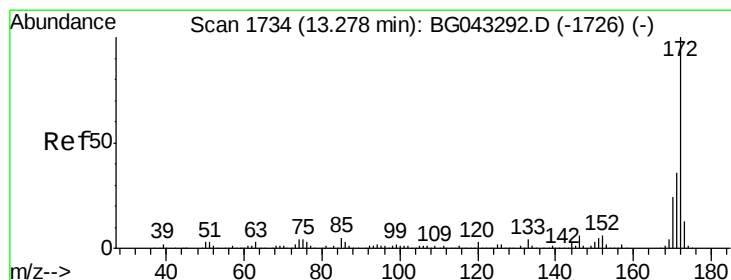
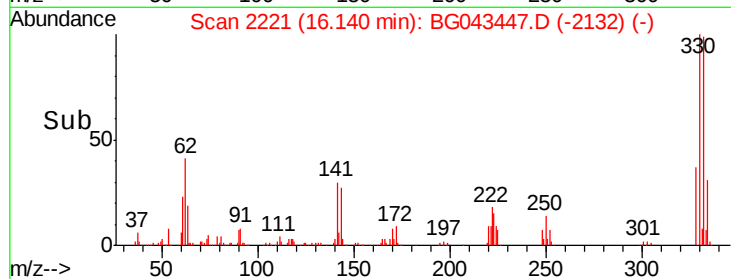
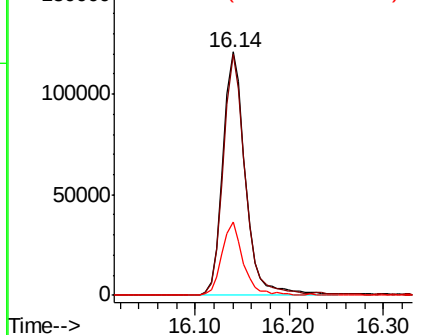
#42
 2,4,6-Tribromophenol
 Concen: 89.318 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043447.D
 Acq: 31 Oct 2019 23:34

Instrument :
 BNA_G
 ClientSampleId :
 TREATMENT-SYSTEM-MEDIA

Tot Ion:330 Resp: 203038
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.4 114.6
 141 28.8 21.4 32.0

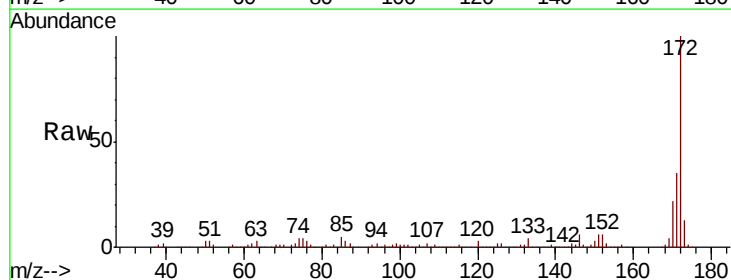


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

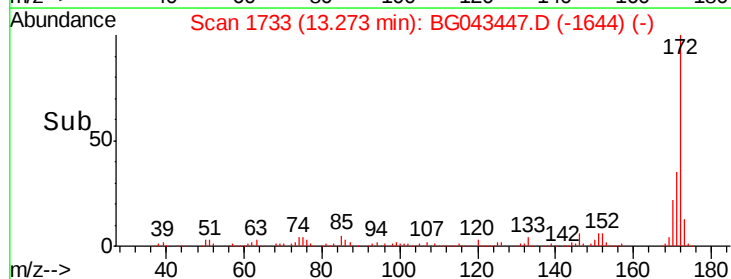
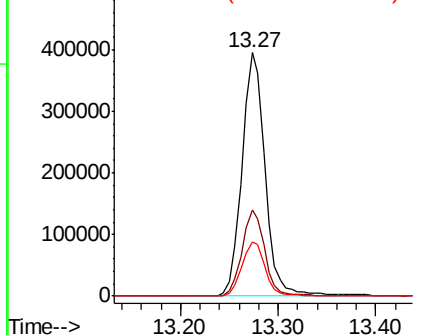


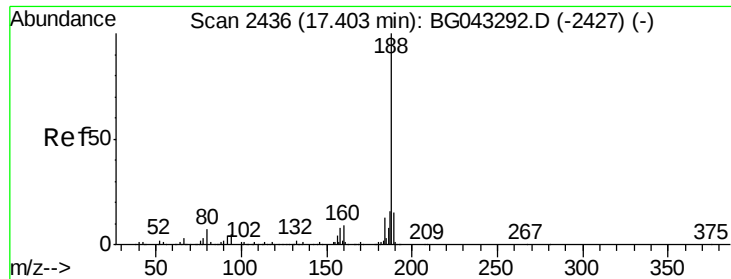
#45
 2-Fluorobiphenyl
 Concen: 75.215 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043447.D
 Acq: 31 Oct 2019 23:34

Tgt Ion:172 Resp: 650216
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.2 18.8 28.2



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043447.D

Acq: 31 Oct 2019 23:34

Instrument :

BNA_G

ClientSampleId :

TREATMENT-SYSTEM-MEDIA

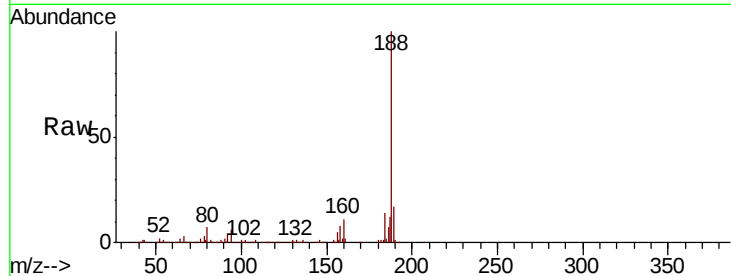
Tot Ion:188 Resp: 275780

Ion Ratio Lower Upper

188 100

94 6.1 4.2 6.2

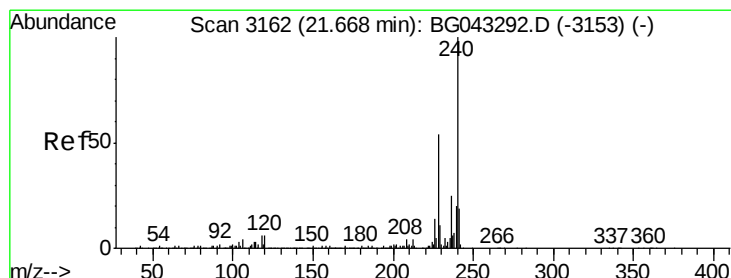
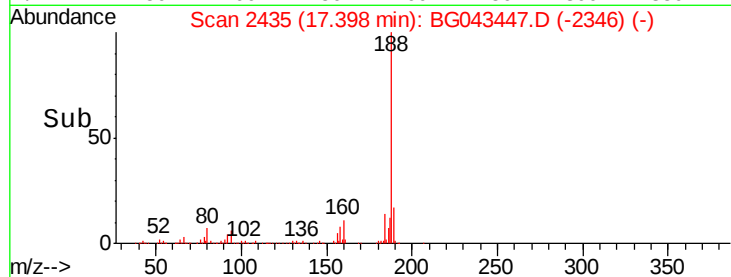
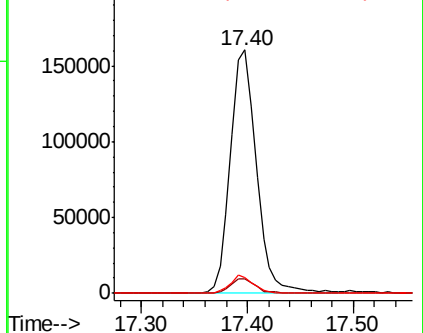
80 6.6 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043447.D

Acq: 31 Oct 2019 23:34

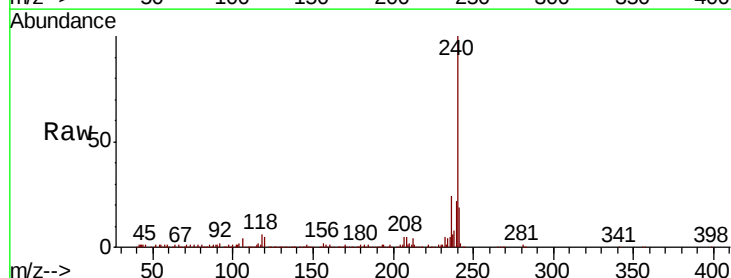
Tgt Ion:240 Resp: 292997

Ion Ratio Lower Upper

240 100

120 4.7 4.6 7.0

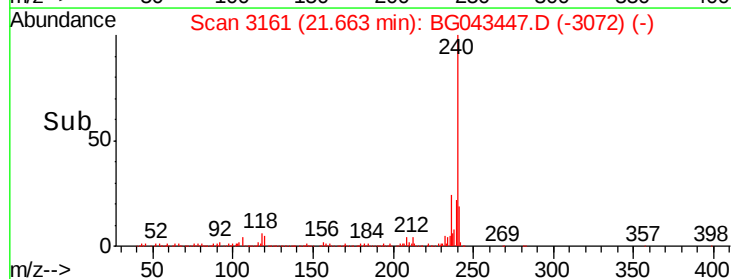
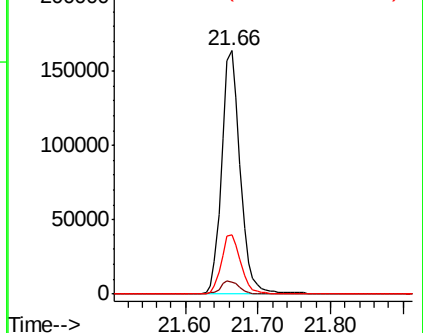
236 24.3 20.2 30.4

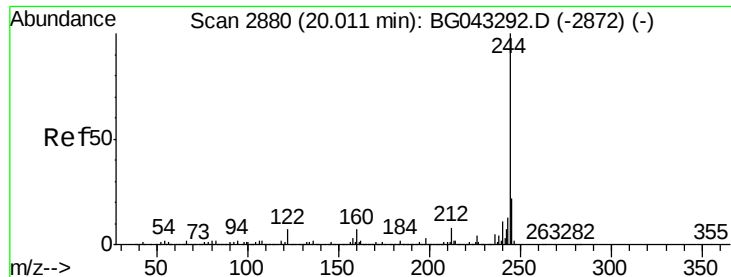


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.106 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043447.D

Acq: 31 Oct 2019 23:34

Instrument :

BNA_G

ClientSampleId :

TREATMENT-SYSTEM-MEDIA

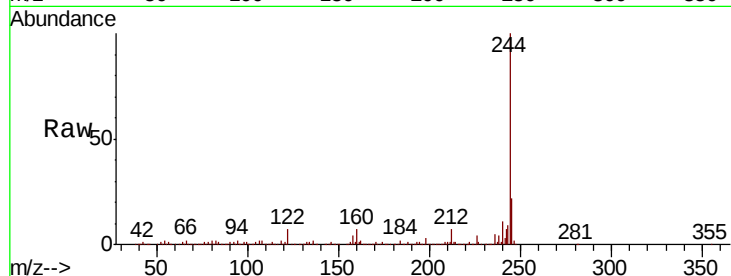
Tot Ion:244 Resp: 1141748

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

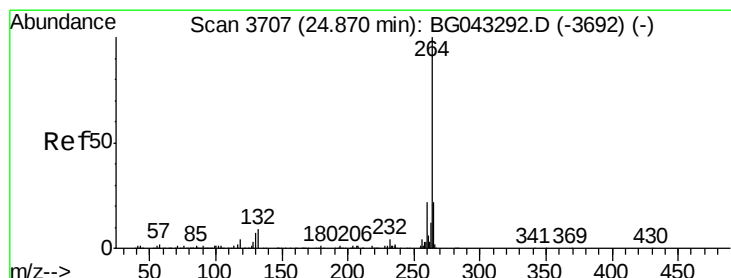
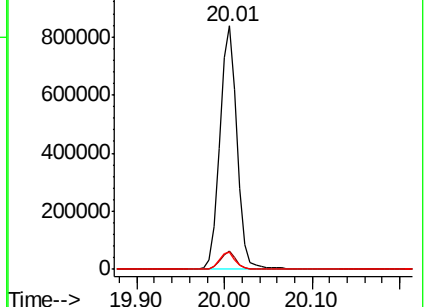
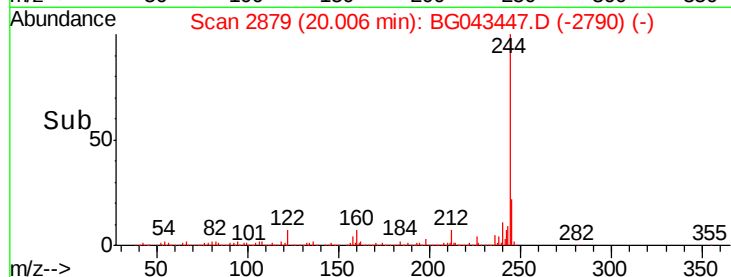
122 7.0 5.3 7.9



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: 24.87 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043447.D

Acq: 31 Oct 2019 23:34

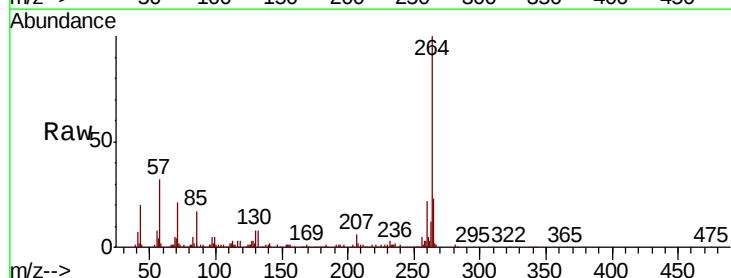
Tgt Ion:264 Resp: 336632

Ion Ratio Lower Upper

264 100

260 22.3 17.9 26.9

265 22.9 17.4 26.2



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

