

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041162.D
 Acq On : 10 Jun 2019 12:56
 Operator : HP/JU
 Sample : K3223-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-0532-190605

Quant Time: Jun 11 04:17:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

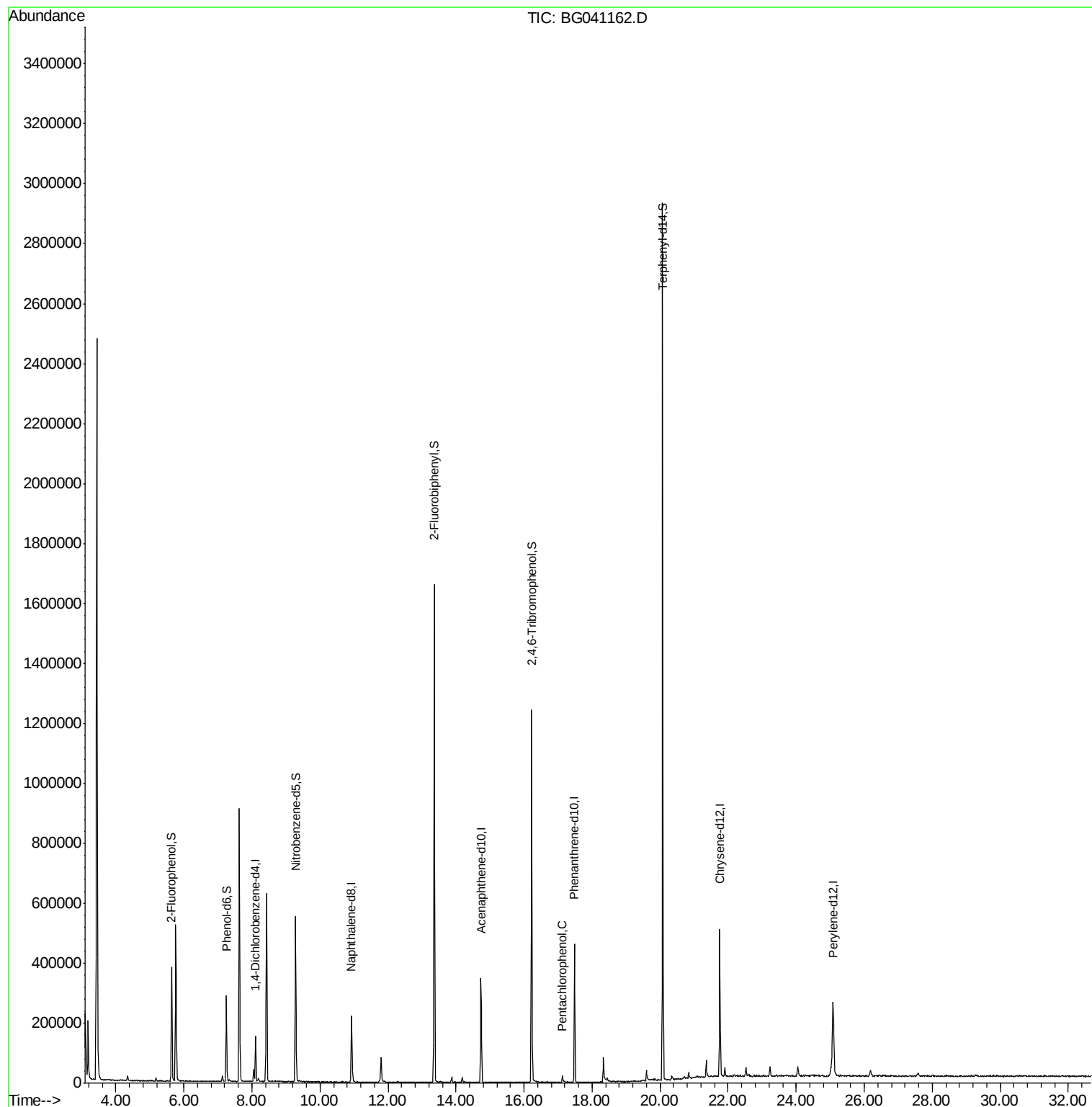
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41007	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166813	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	123175	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	297951	20.00	ng	0.00
76) Chrysene-d12	21.75	240	307314	20.00	ng	0.00
87) Perylene-d12	25.08	264	317730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	149813	65.88	ng	0.00
7) Phenol-d6	7.25	99	154017	43.85	ng	0.00
23) Nitrobenzene-d5	9.28	82	347036	92.36	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	234187	128.07	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	839419	98.14	ng	0.00
79) Terphenyl-d14	20.07	244	1361520	94.03	ng	0.00
Target Compounds						
70) Pentachlorophenol	17.12	266	5932	6.705	ng	Qvalue # 81

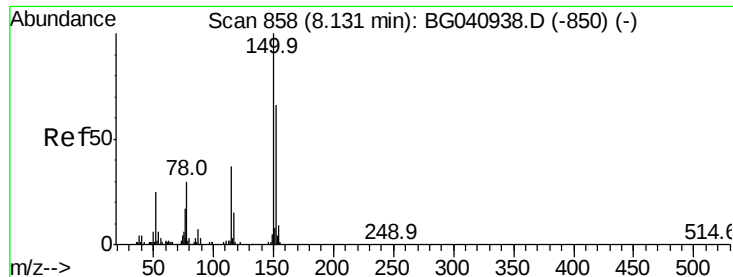
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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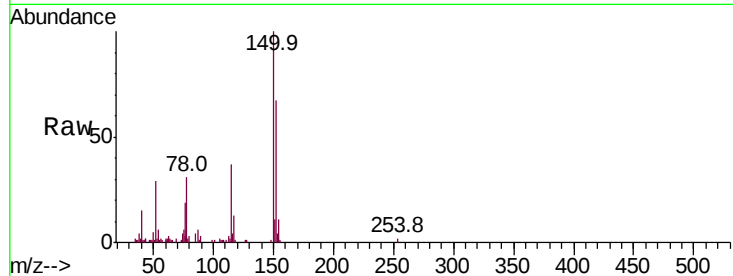


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041162.D
Acq: 10 Jun 2019 12:56

Instrument :
BNA_G
ClientSampleId :
DUP-0532-190605

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	120.6	180.8
115	54.7	45.1	67.7

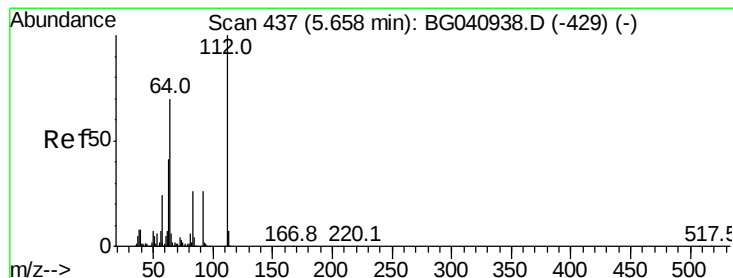
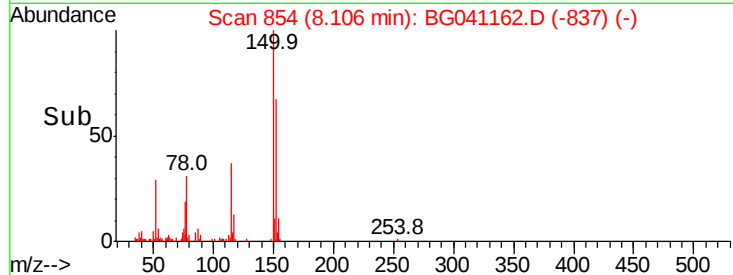
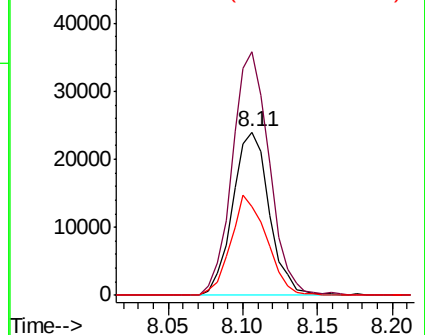


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

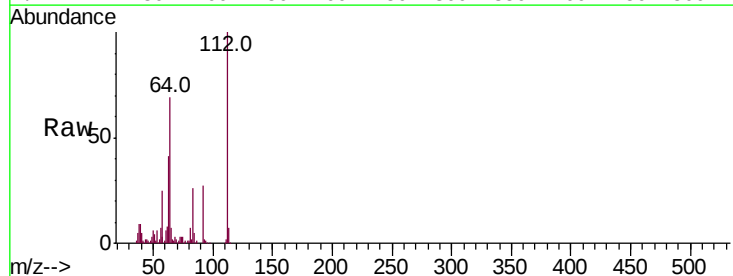
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.878 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041162.D
Acq: 10 Jun 2019 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.2	84.2
63	40.8	32.8	49.2

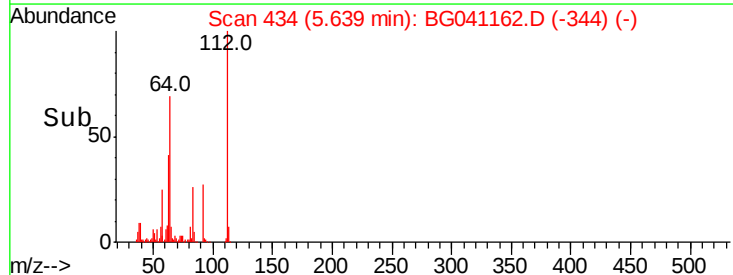
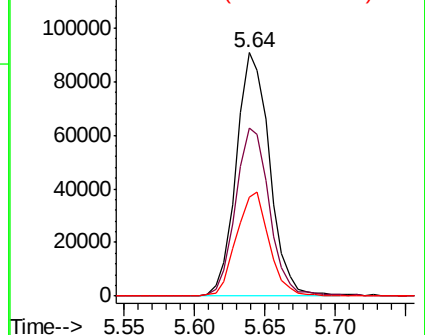


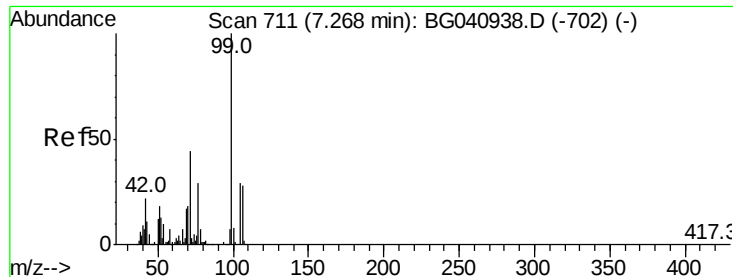
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.853 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041162.D

Acq: 10 Jun 2019 12:56

Instrument :

BNA_G

ClientSampleId :

DUP-0532-190605

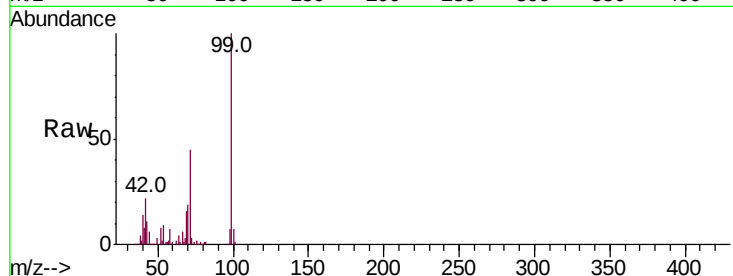
Tot Ion: 99 Resp: 154017

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

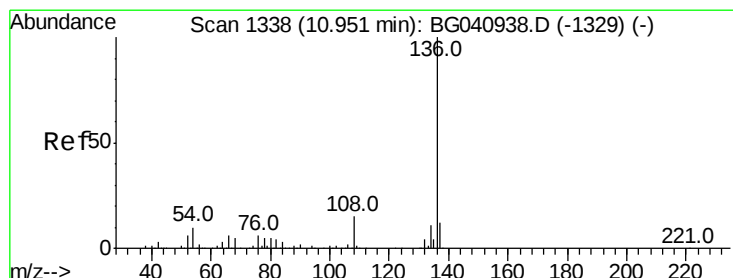
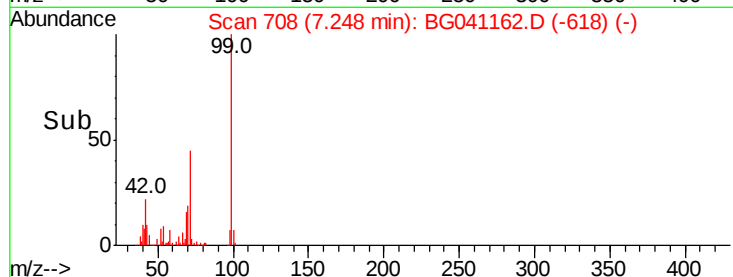
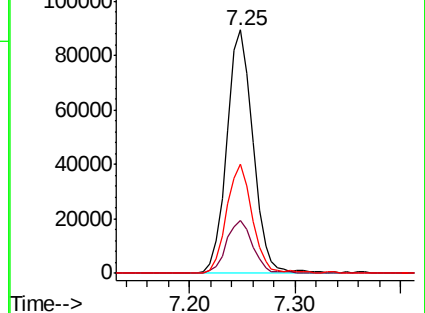
71 45.0 35.4 53.0



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: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041162.D

Acq: 10 Jun 2019 12:56

Tgt Ion: 136 Resp: 166813

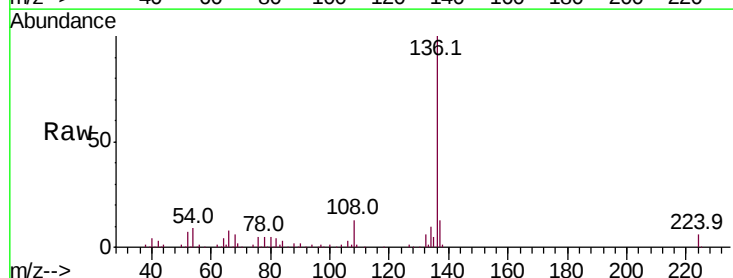
Ion Ratio Lower Upper

136 100

137 12.9 9.5 14.3

54 9.1 7.6 11.4

68 6.3 3.9 5.9#

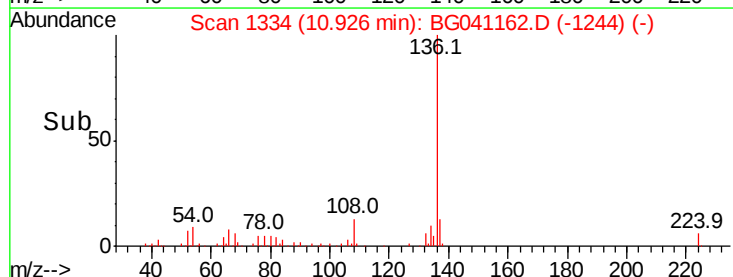
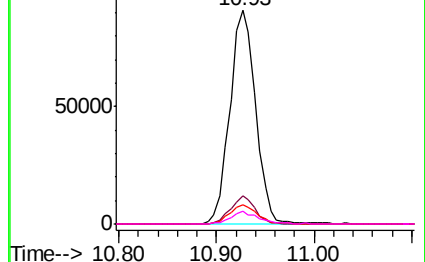


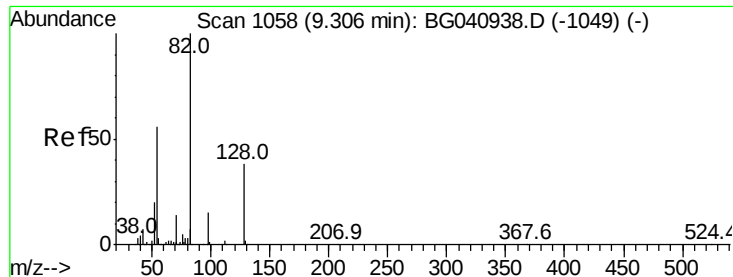
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

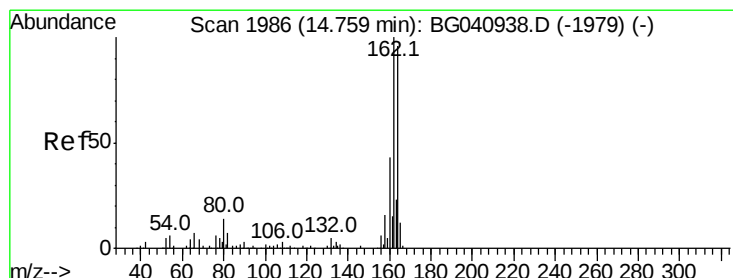
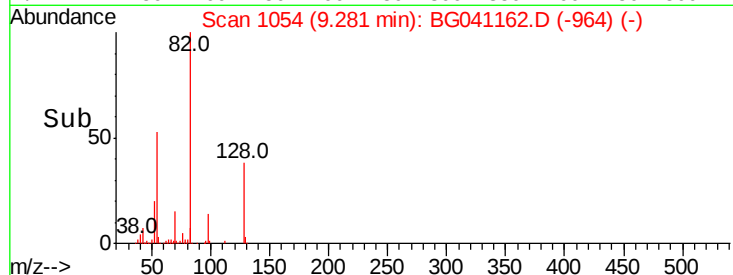
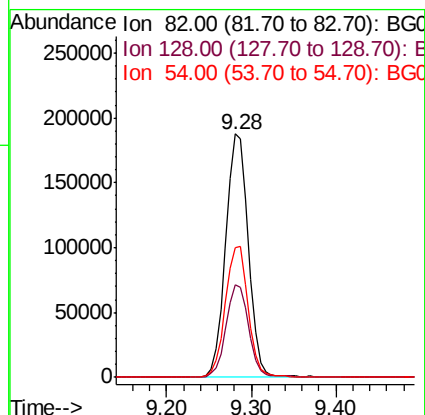
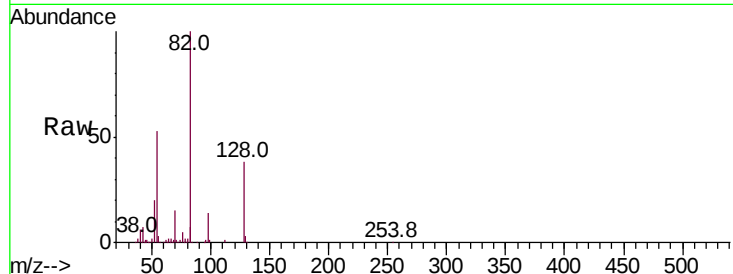




#23
Nitrobenzene-d5
Concen: 92.356 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041162.D
Acq: 10 Jun 2019 12:56

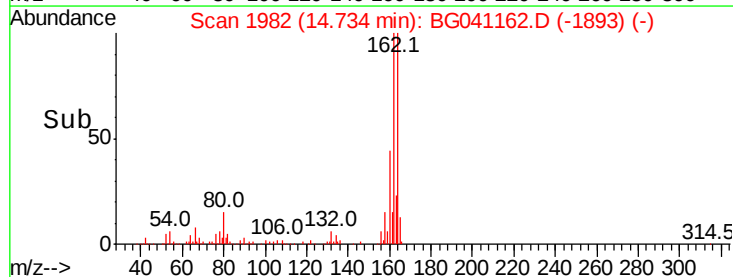
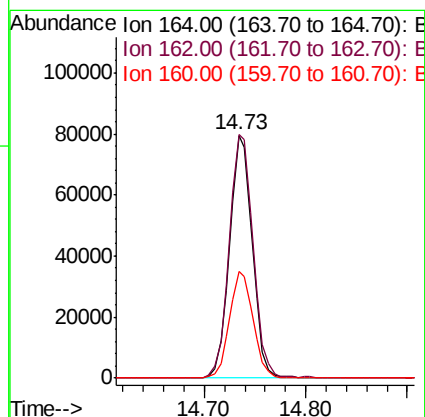
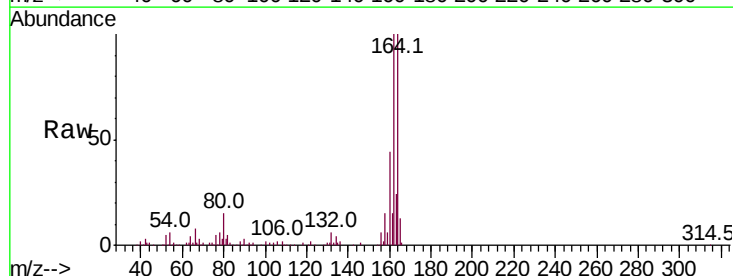
Instrument :
BNA_G
ClientSampleId :
DUP-0532-190605

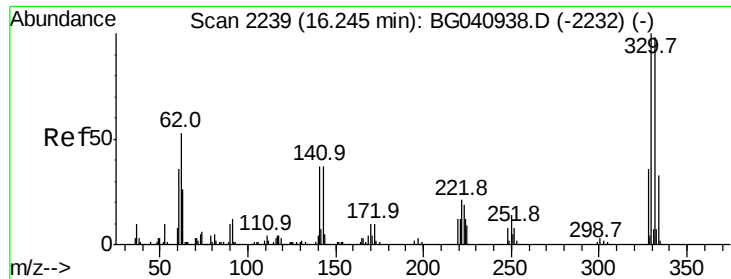
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.5	45.7
54	53.4	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041162.D
Acq: 10 Jun 2019 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	83.0	124.4
160	44.0	35.6	53.4

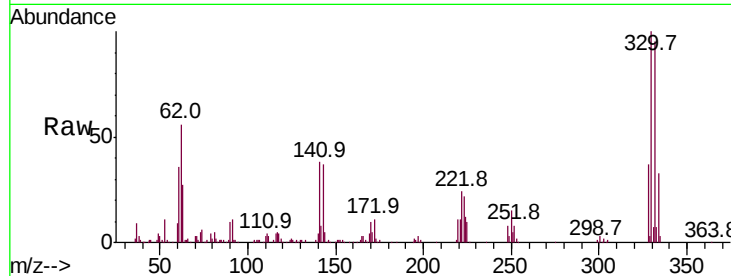




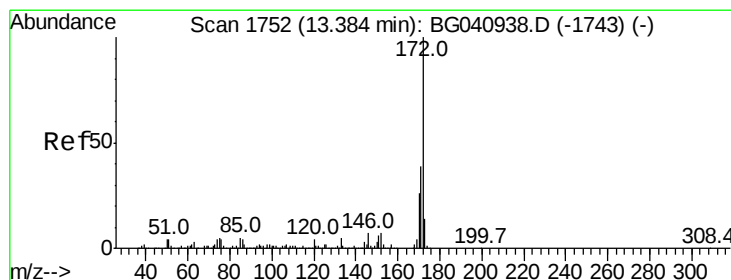
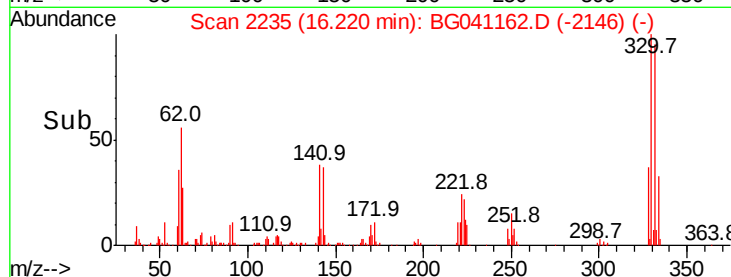
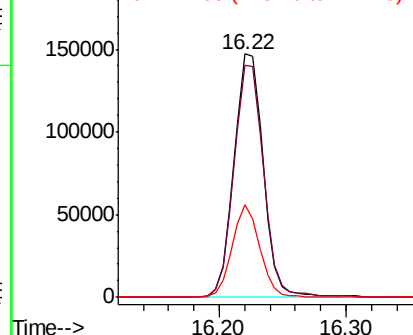
#42
 2,4,6-Tribromophenol
 Concen: 128.068 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041162.D
 Acq: 10 Jun 2019 12:56

Instrument :
 BNA_G
 ClientSampleId :
 DUP-0532-190605

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.5	117.7
141	35.9	28.7	43.1

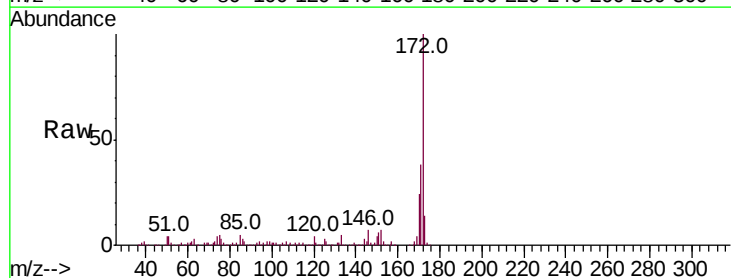


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

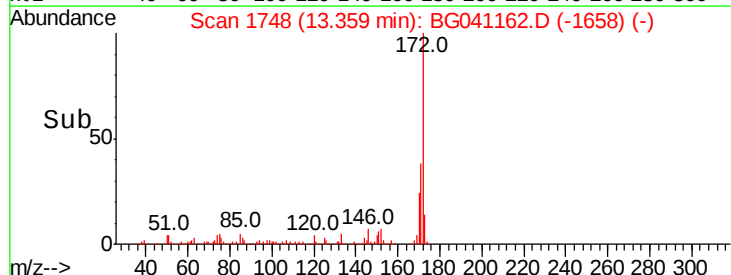
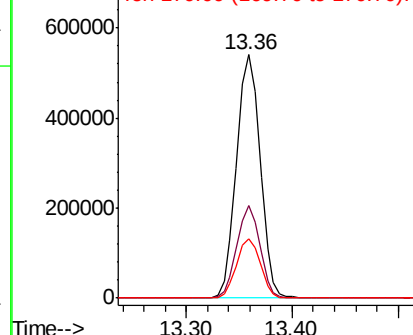


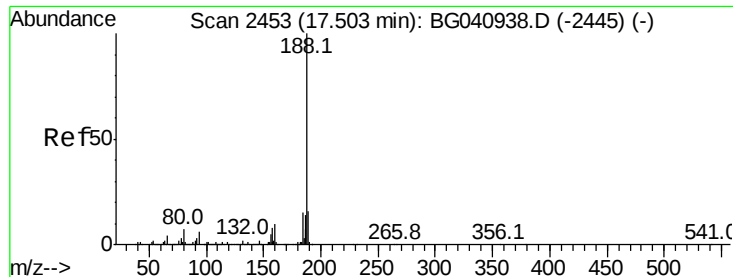
#45
 2-Fluorobiphenyl
 Concen: 98.141 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041162.D
 Acq: 10 Jun 2019 12:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.1	46.7
170	24.2	20.5	30.7



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: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041162.D

Acq: 10 Jun 2019 12:56

Instrument :

BNA_G

ClientSampleId :

DUP-0532-190605

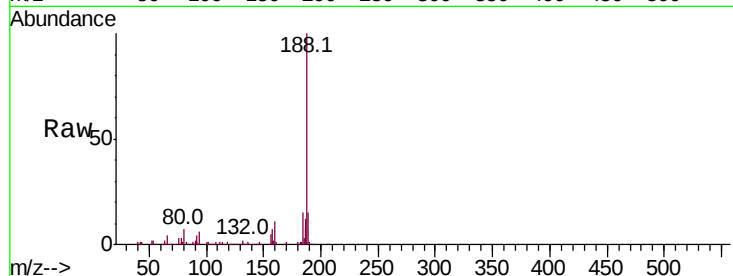
Tot Ion:188 Resp: 297951

Ion Ratio Lower Upper

188 100

94 6.0 4.7 7.1

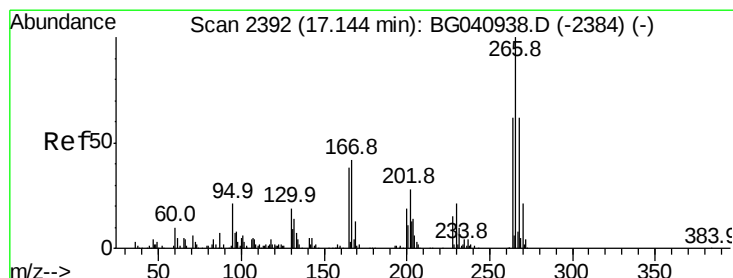
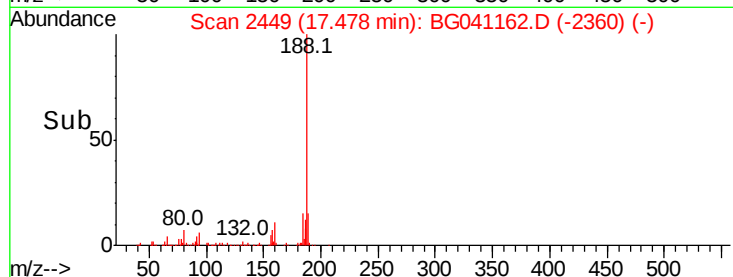
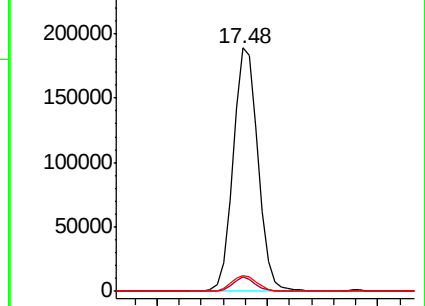
80 6.6 5.8 8.8



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



#70

Pentachlorophenol

Concen: 6.705 ng

RT: 17.12 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG041162.D

Acq: 10 Jun 2019 12:56

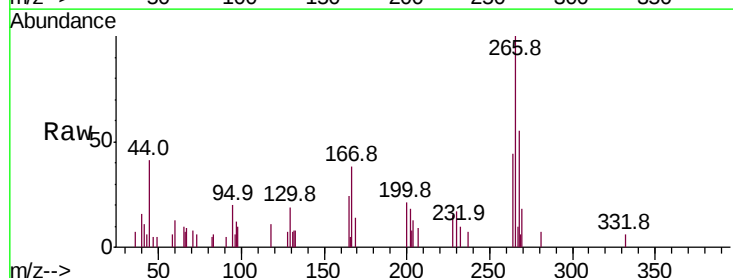
Tgt Ion:266 Resp: 5932

Ion Ratio Lower Upper

266 100

268 55.1 53.1 79.7

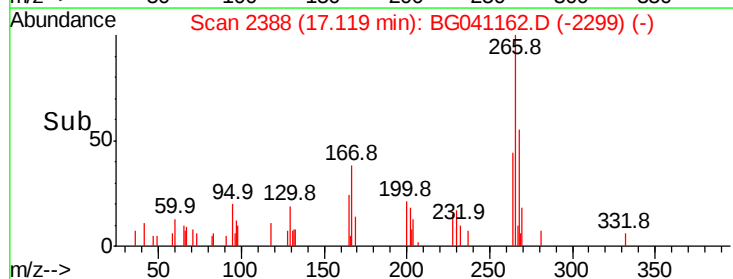
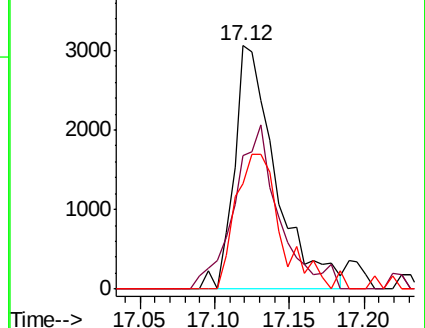
264 43.5 49.9 74.9#

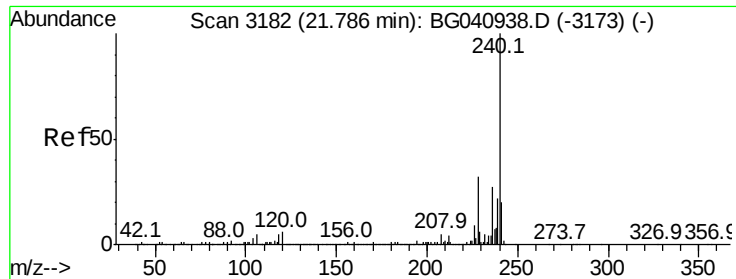


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041162.D

Acq: 10 Jun 2019 12:56

Instrument :

BNA_G

ClientSampleId :

DUP-0532-190605

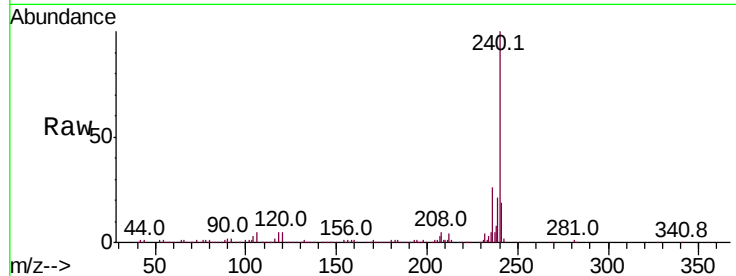
Tot Ion:240 Resp: 307314

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

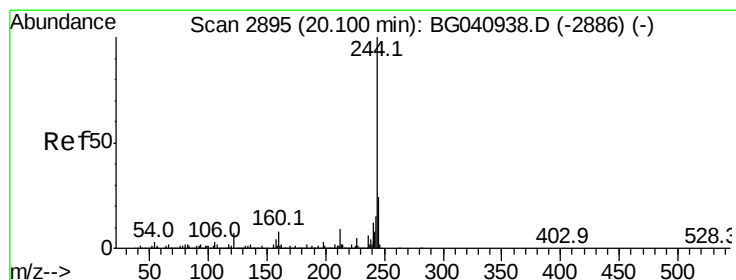
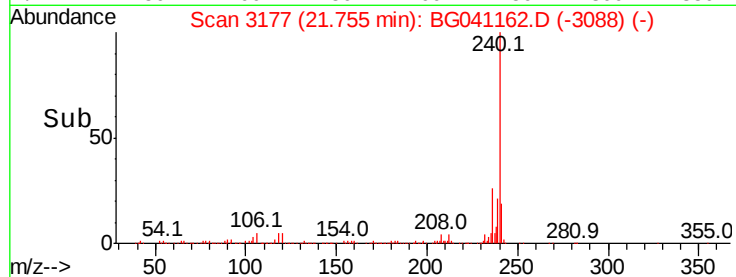
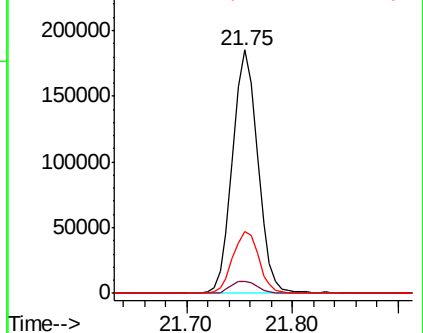
236 25.6 21.3 31.9



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: 94.028 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041162.D

Acq: 10 Jun 2019 12:56

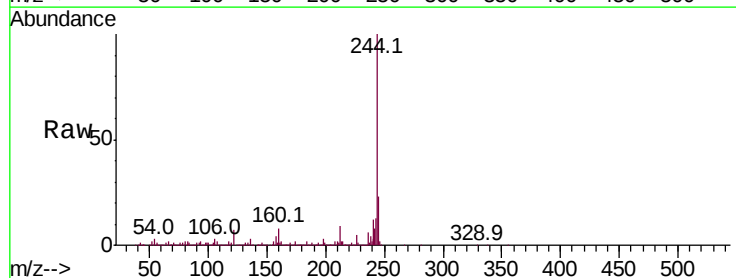
Tgt Ion:244 Resp: 1361520

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

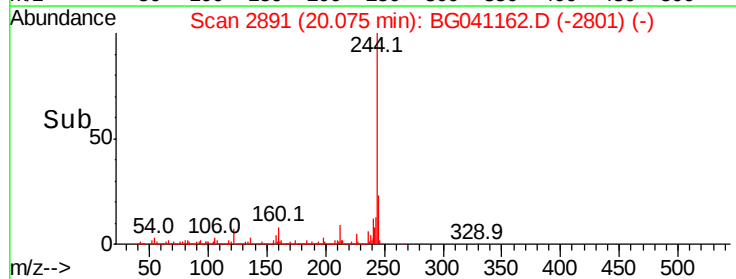
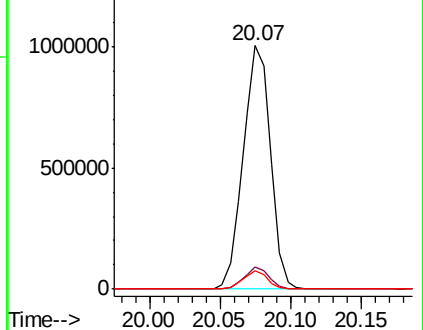
122 7.4 5.4 8.0

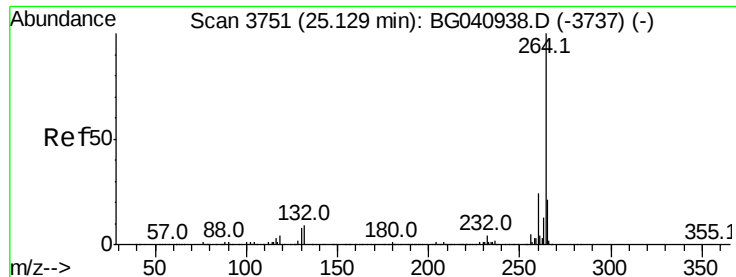


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041162.D
Acq: 10 Jun 2019 12:56

Instrument :
BNA_G
ClientSampleId :
DUP-0532-190605

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.4
265	20.5	17.0	25.4

