

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040343.D
 Acq On : 4 Apr 2019 2:33
 Operator : JU/SJ
 Sample : K2219-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CON-COMP-2

Quant Time: Apr 04 03:44:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

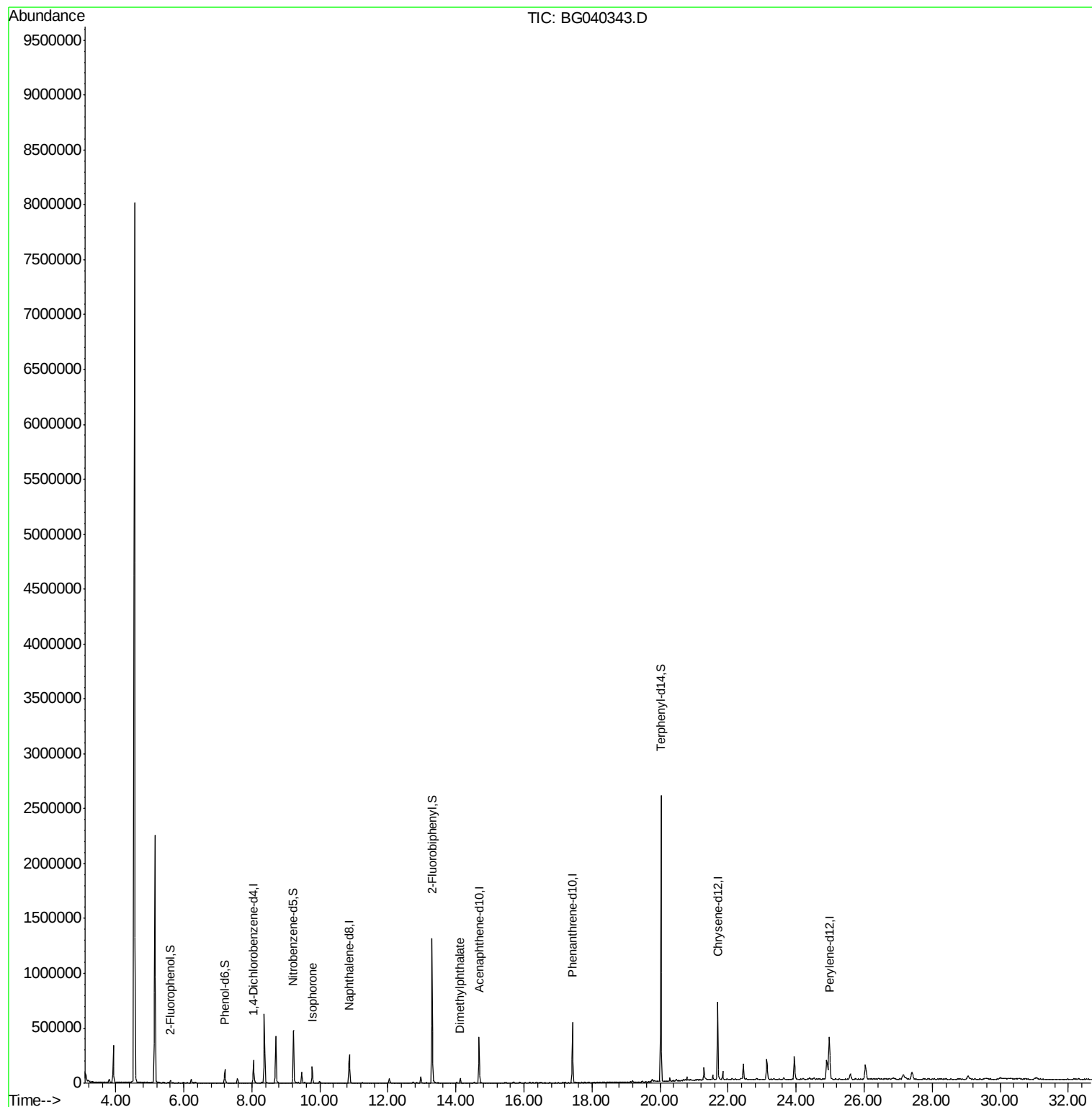
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59893	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	232197	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	143476	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	365617	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	411380	20.00	ng	-0.04
87) Perylene-d12	24.97	264	412571	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	11166	3.10	ng	-0.01
7) Phenol-d6	7.20	99	75154	15.09	ng	-0.02
23) Nitrobenzene-d5	9.22	82	304035	69.60	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	679	0.44	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	721564	74.52	ng	-0.03
79) Terphenyl-d14	20.02	244	1222636	66.86	ng	-0.03
Target Compounds						
25) Isophorone	9.78	82	115831	12.887	ng	96
50) Dimethylphthalate	14.12	163	35480	3.160	ng	98

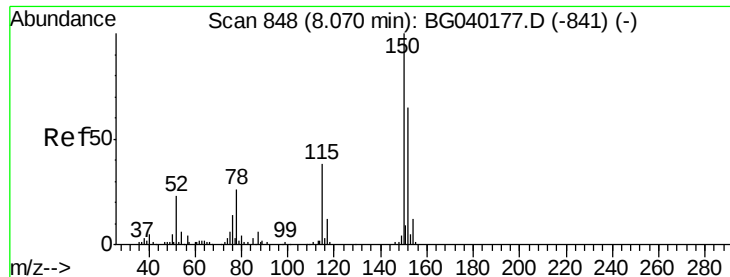
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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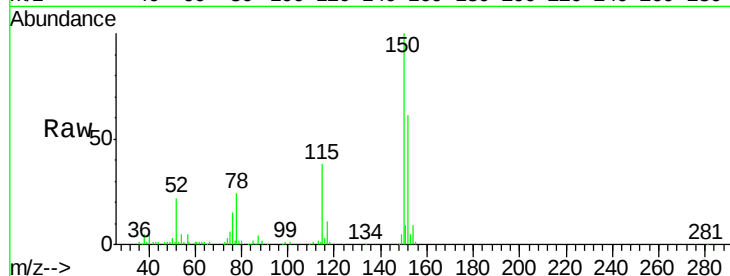


#1

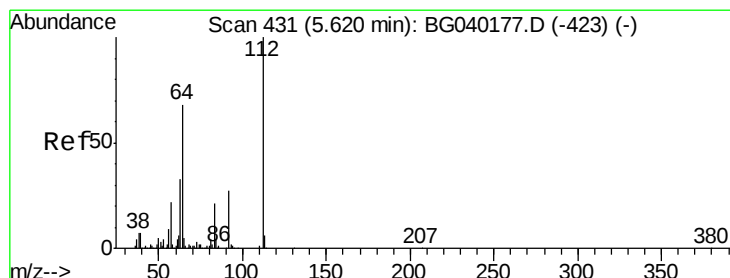
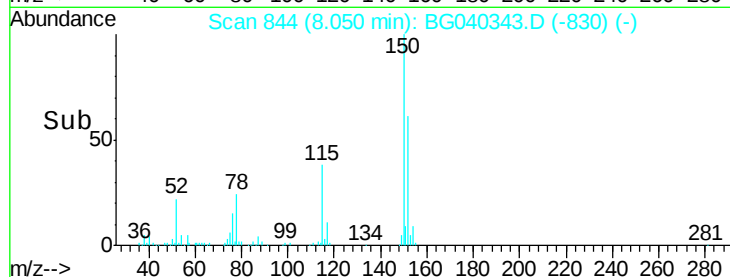
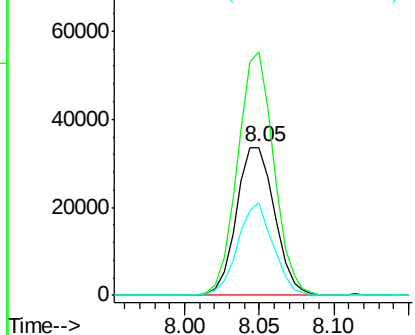
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Instrument :
BNA_G
ClientSampleId :
CON-COMP-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.3	123.7	185.5
115	62.7	46.9	70.3



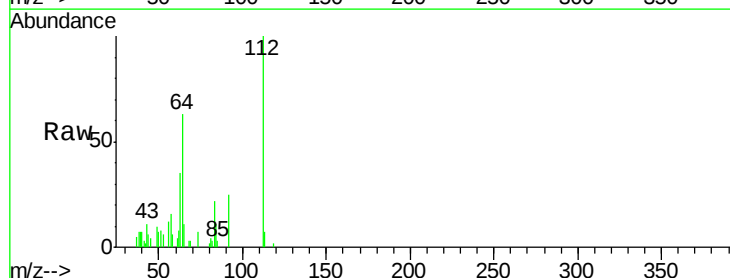
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



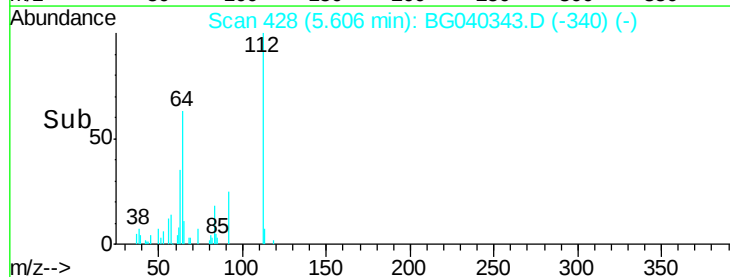
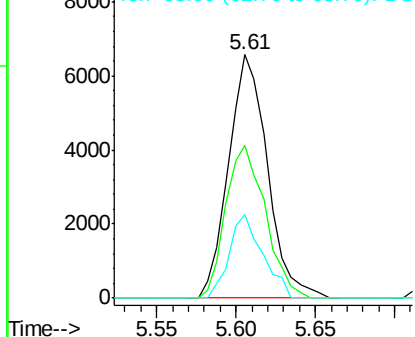
#5

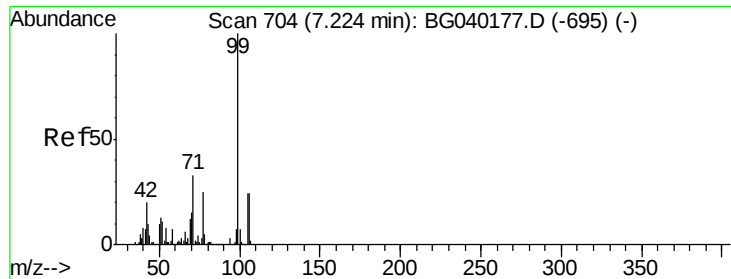
2-Fluorophenol
Concen: 3.099 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040343.D
Acq: 4 Apr 2019 2:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	54.2	81.2
63	34.6	26.4	39.6



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: 15.094 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

Instrument :

BNA_G

ClientSampled :

CON-COMP-2

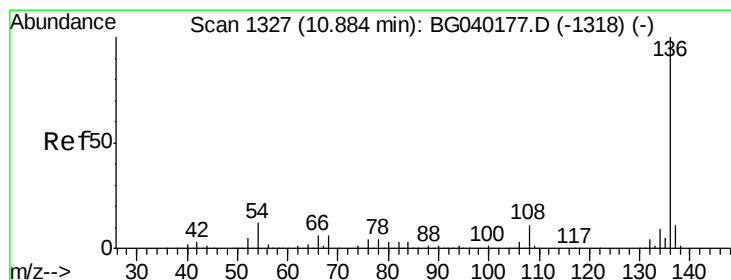
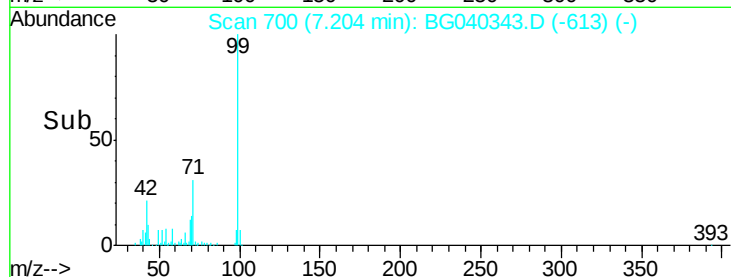
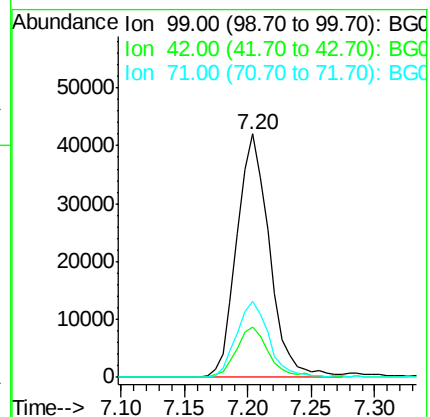
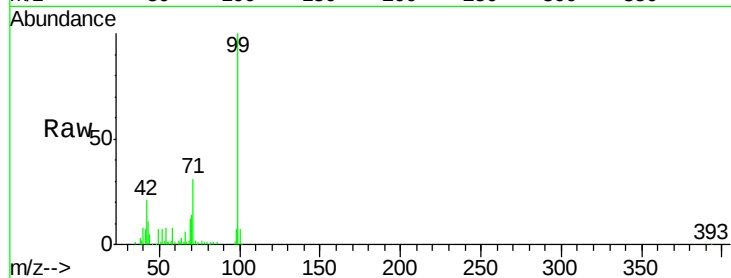
Tgt Ion: 99 Resp: 75154

Ion Ratio Lower Upper

99 100

42 20.6 16.2 24.2

71 31.1 26.8 40.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

Tgt Ion: 136 Resp: 232197

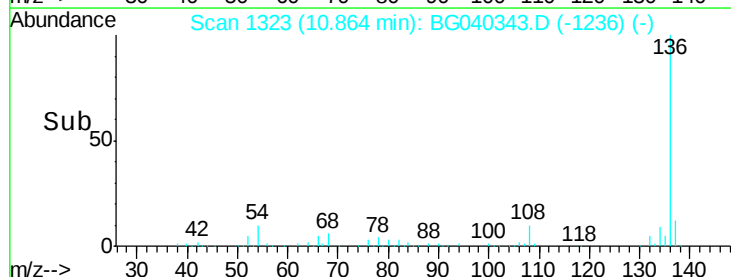
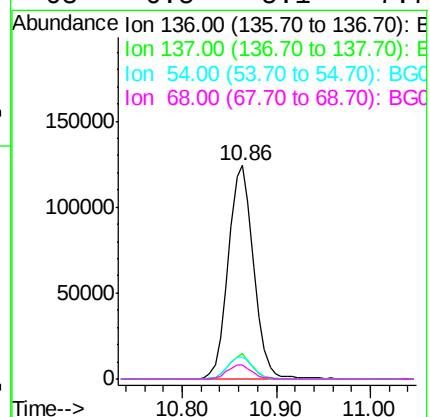
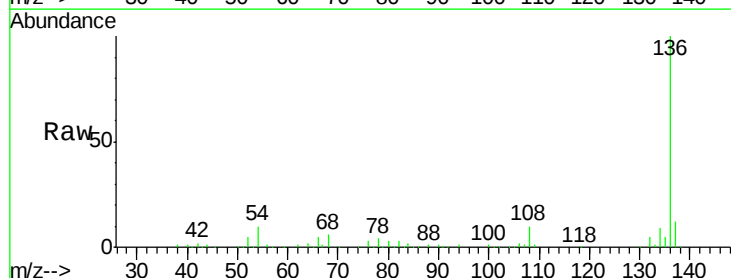
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 9.9 9.6 14.4

68 6.5 5.1 7.7

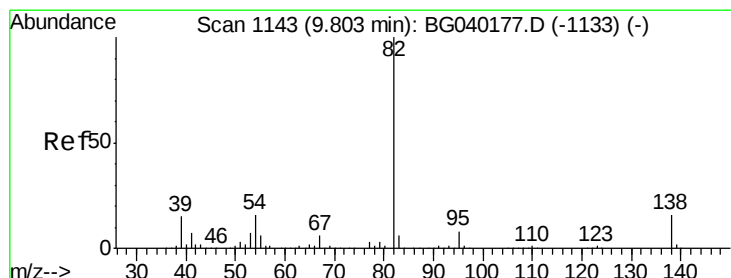
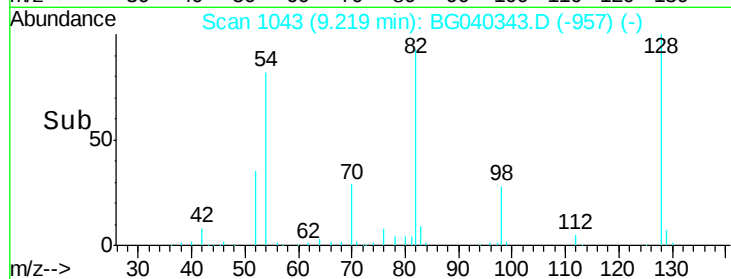
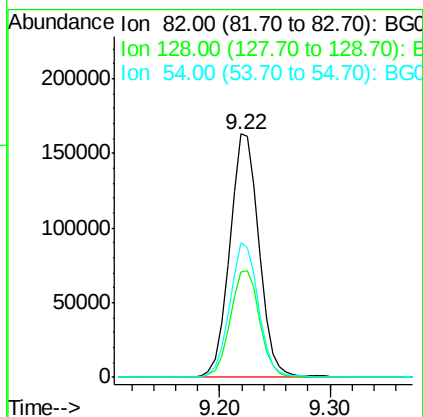
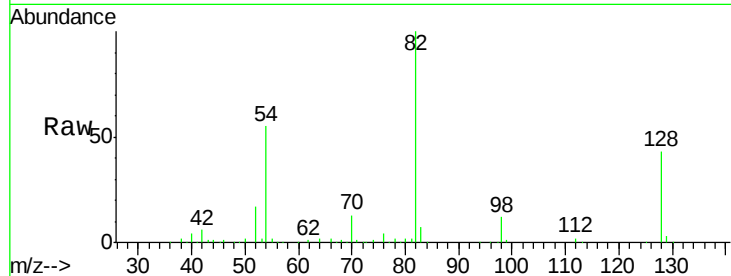




#23
 Nitrobenzene-d5
 Concen: 69.598 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040343.D
 Acq: 4 Apr 2019 2:33

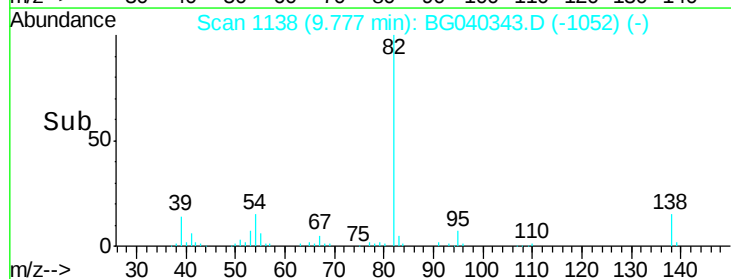
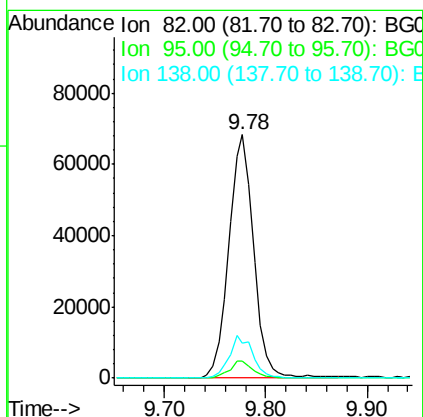
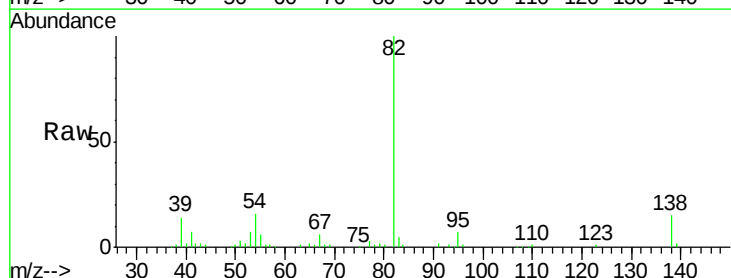
Instrument :
 BNA_G
 ClientSampleId :
 CON-COMP-2

Tgt Ion: 82 Resp: 304035
 Ion Ratio Lower Upper
 82 100
 128 43.3 35.8 53.8
 54 55.3 46.2 69.2



#25
 Isophorone
 Concen: 12.887 ng
 RT: 9.78 min Scan# 1138
 Delta R.T. -0.03 min
 Lab File: BG040343.D
 Acq: 4 Apr 2019 2:33

Tgt Ion: 82 Resp: 115831
 Ion Ratio Lower Upper
 82 100
 95 6.8 6.1 9.1
 138 14.6 13.2 19.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

Instrument :

BNA_G

ClientSampleId :

CON-COMP-2

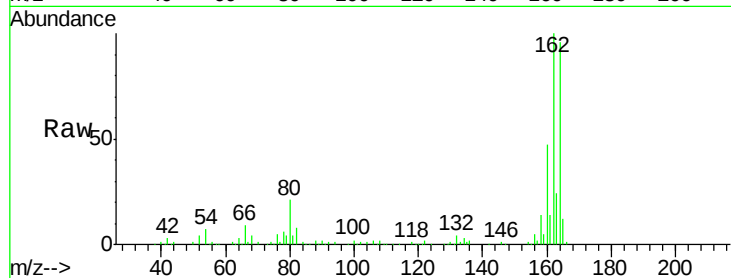
Tgt Ion:164 Resp: 143476

Ion Ratio Lower Upper

164 100

162 103.7 77.4 116.2

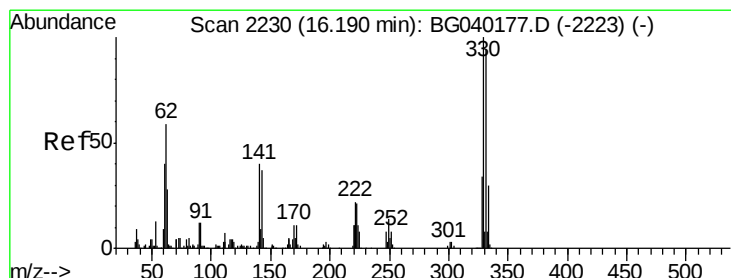
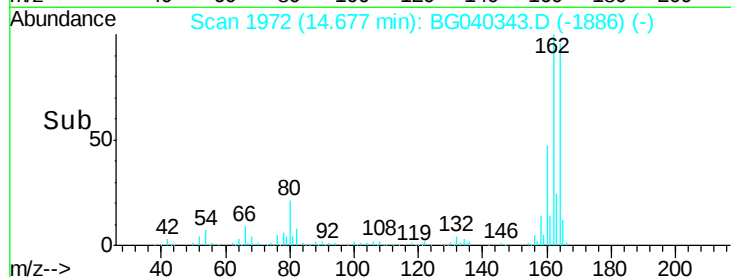
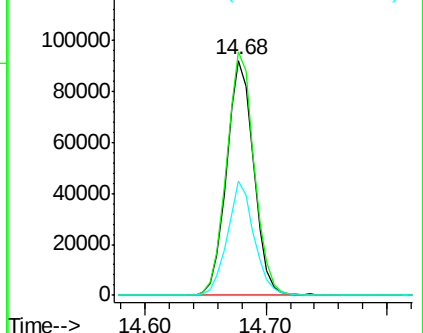
160 49.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 0.438 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

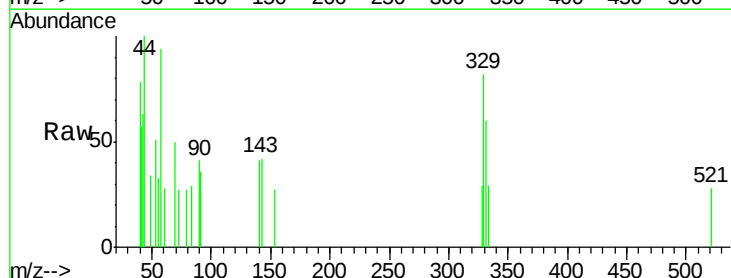
Tgt Ion:330 Resp: 679

Ion Ratio Lower Upper

330 100

332 104.7 76.6 115.0

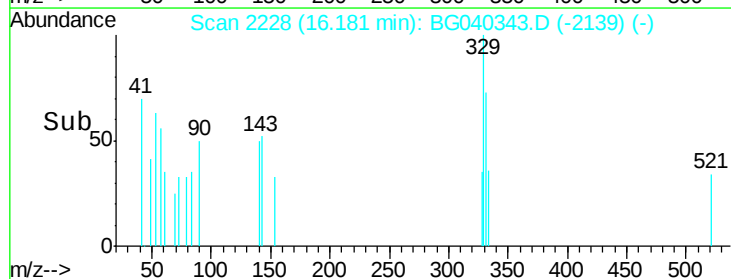
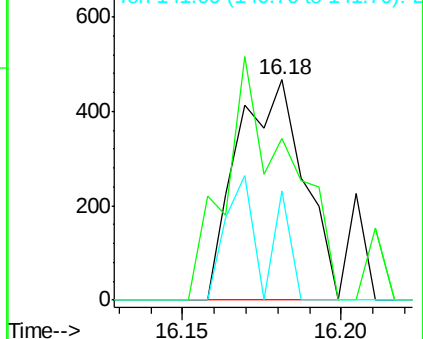
141 34.9 32.6 48.8



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: 74.520 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

Instrument :

BNA_G

ClientSampleId :

CON-COMP-2

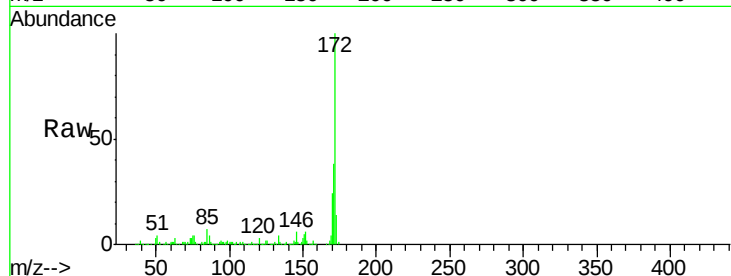
Tgt Ion:172 Resp: 721564

Ion Ratio Lower Upper

172 100

171 37.9 30.5 45.7

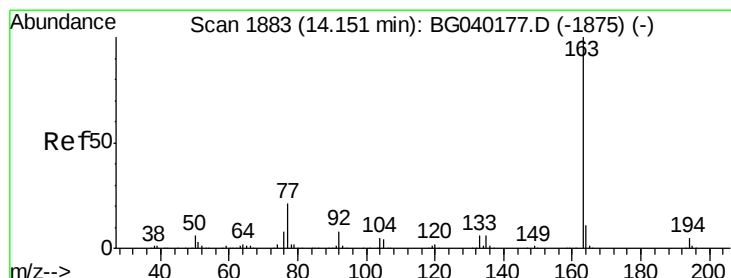
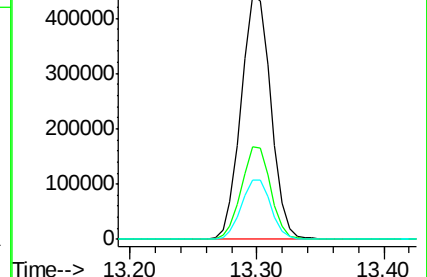
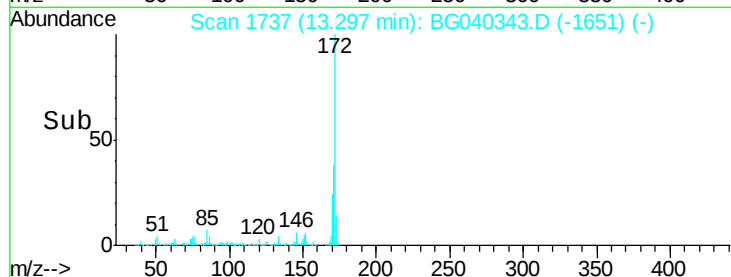
170 24.4 20.1 30.1



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



#50

Dimethylphthalate

Concen: 3.160 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

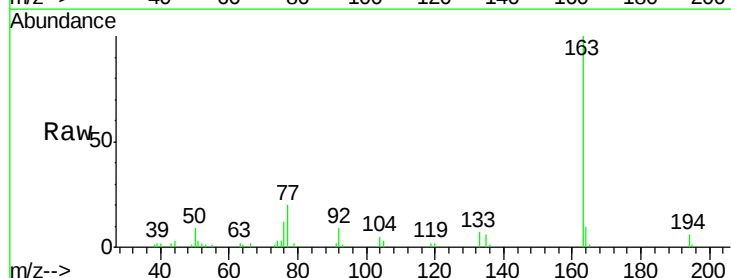
Tgt Ion:163 Resp: 35480

Ion Ratio Lower Upper

163 100

194 5.8 4.1 6.1

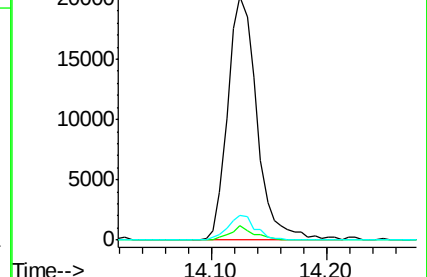
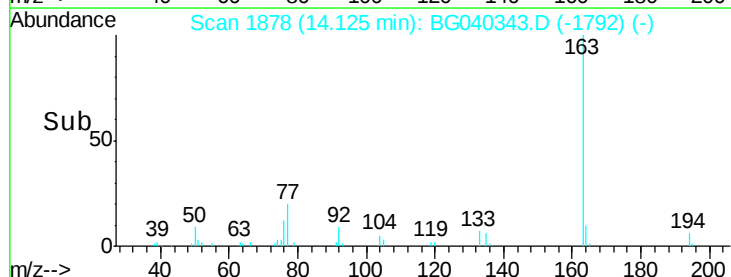
164 10.3 8.6 13.0

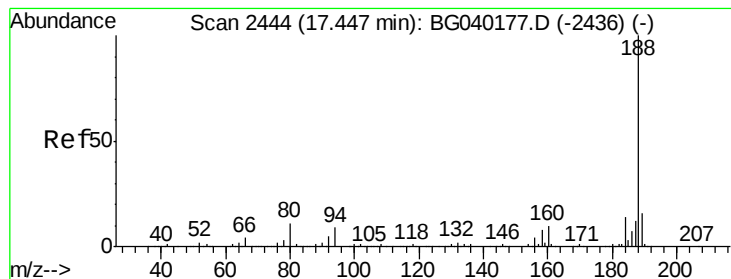


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

Instrument :

BNA_G

ClientSampleId :

CON-COMP-2

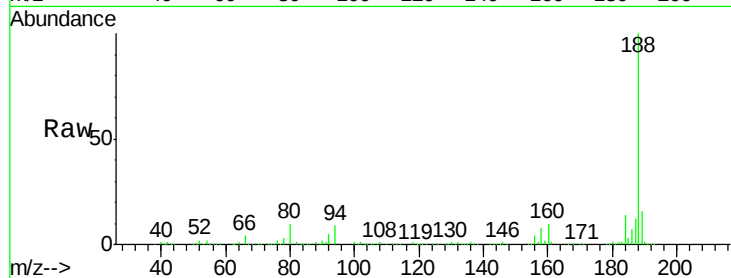
Tgt Ion:188 Resp: 365617

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

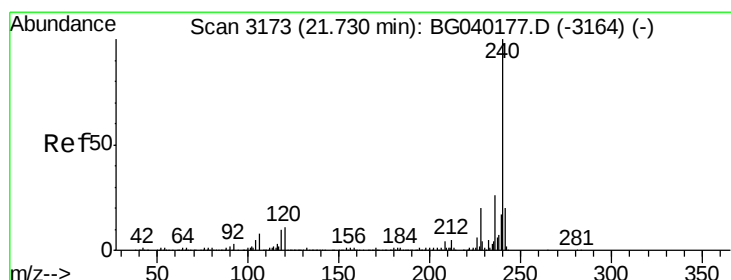
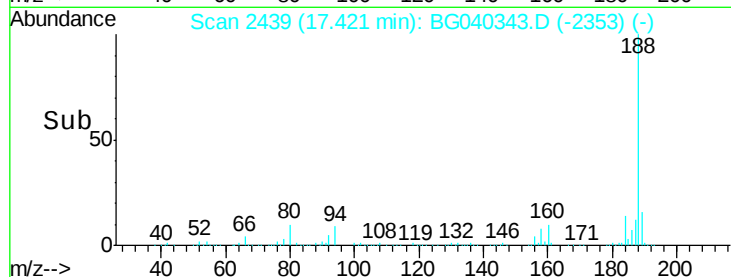
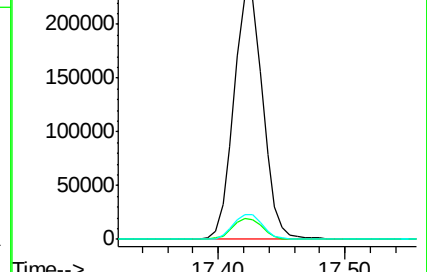
80 10.1 8.6 13.0



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

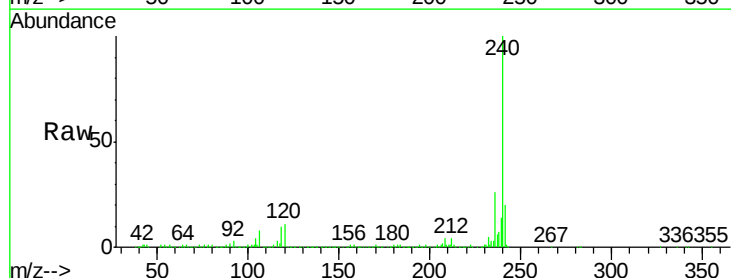
Tgt Ion:240 Resp: 411380

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

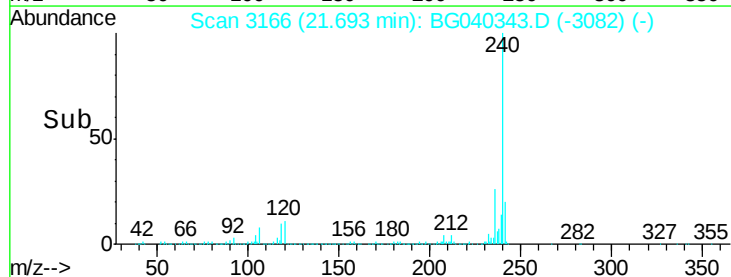
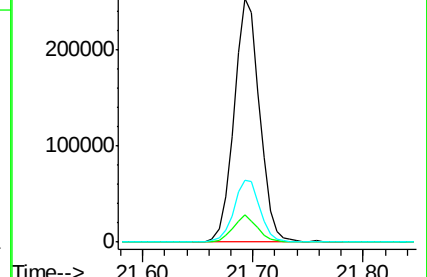
236 25.6 20.8 31.2

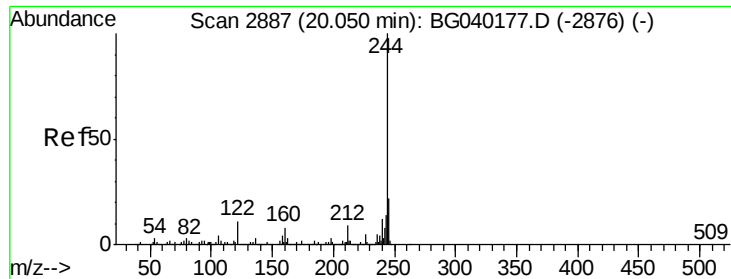


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.860 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

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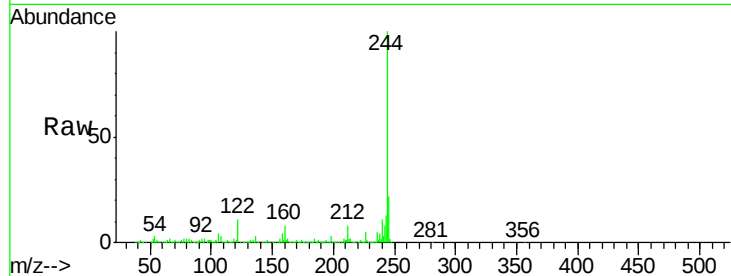
Tgt Ion:244 Resp: 1222636

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

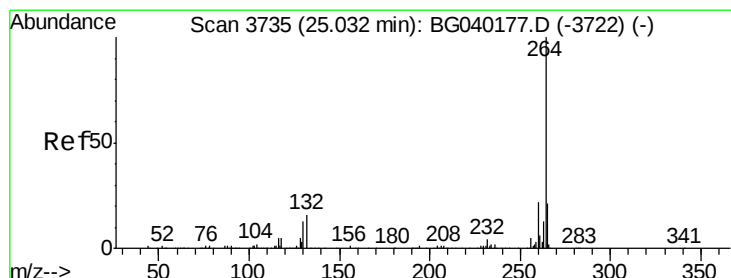
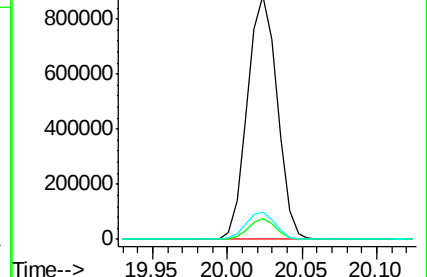
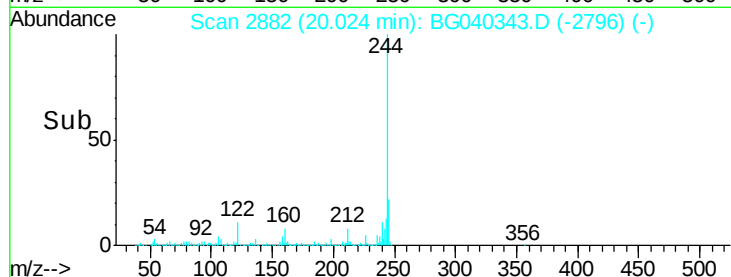
122 11.2 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040343.D

Acq: 4 Apr 2019 2:33

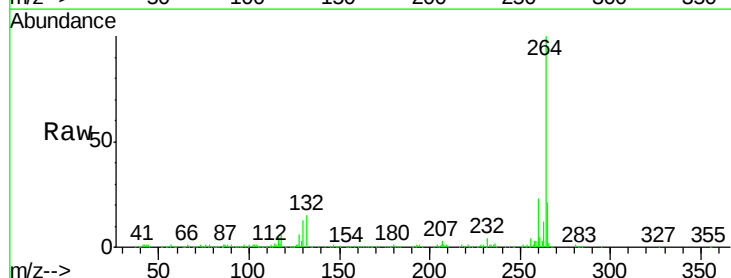
Tgt Ion:264 Resp: 412571

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.4 16.8 25.2



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

