

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039868.D
 Acq On : 12 Mar 2019 10:55
 Operator : JU/SJ
 Sample : K1837-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-MH-05-COMP

Quant Time: Mar 12 13:31:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

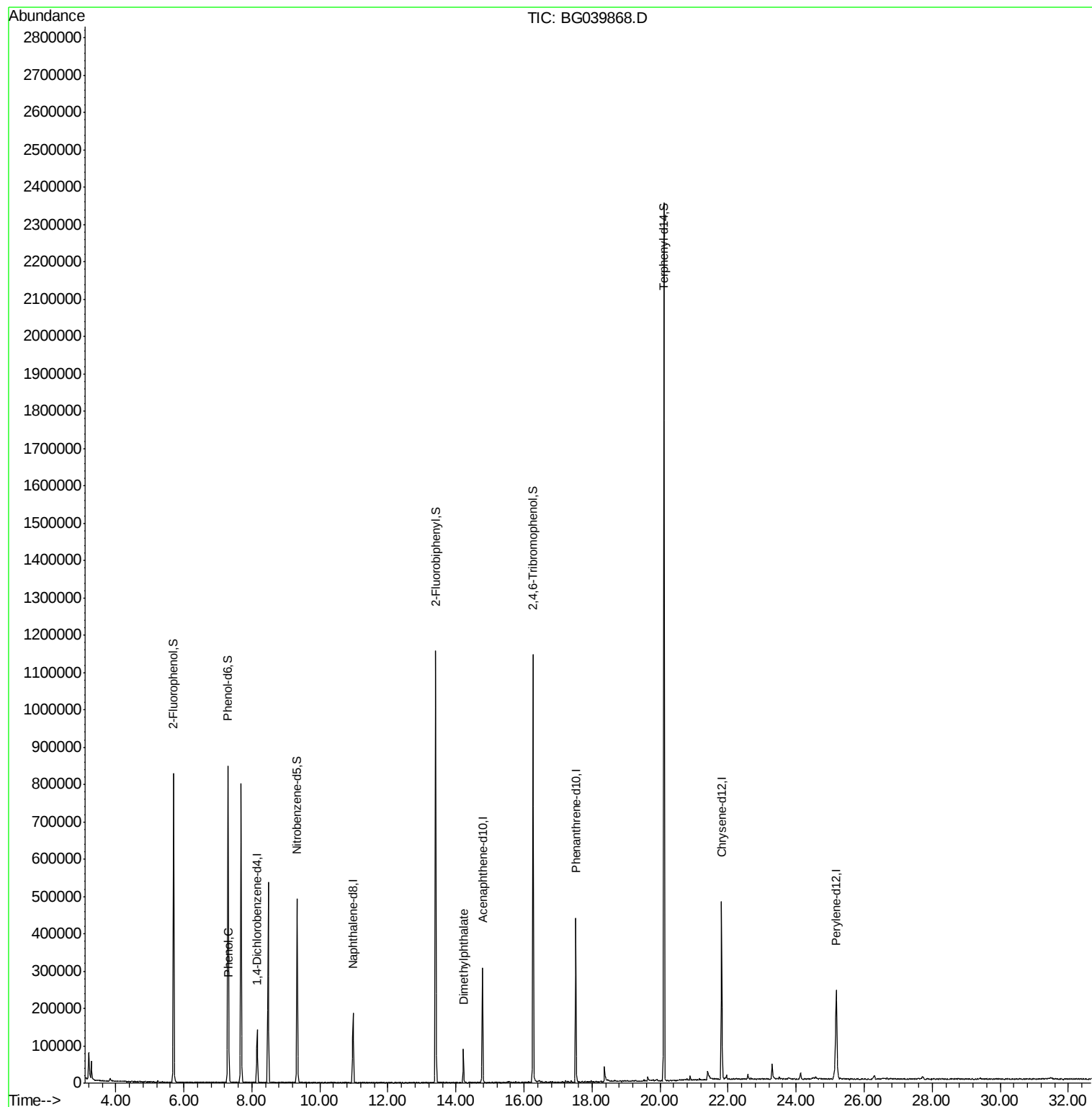
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37533	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	159893	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	111548	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	281330	20.00	ng	0.00
76) Chrysene-d12	21.81	240	295563	20.00	ng	-0.02
87) Perylene-d12	25.18	264	290983	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	342565	155.71	ng	0.00
7) Phenol-d6	7.30	99	500662	152.62	ng	-0.02
23) Nitrobenzene-d5	9.33	82	291985	98.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	201288	154.82	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	614801	78.47	ng	-0.02
79) Terphenyl-d14	20.12	244	1042572	77.67	ng	0.00
Target Compounds						
10) Phenol	7.33	94	22407	6.305	ng	95
50) Dimethylphthalate	14.22	163	61398	6.582	ng	99

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

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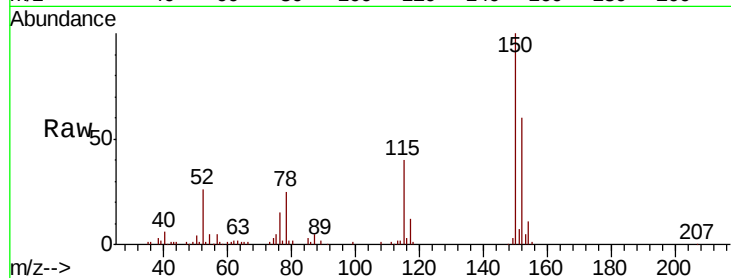


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.3	123.7	185.5
115	66.6	45.9	68.9

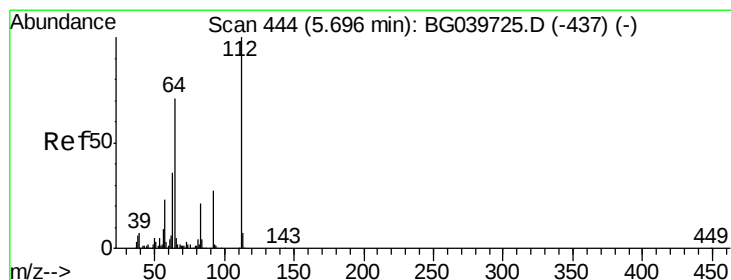
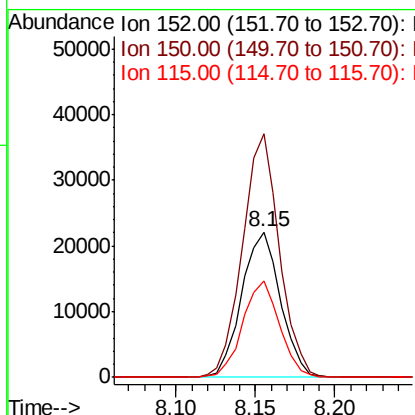
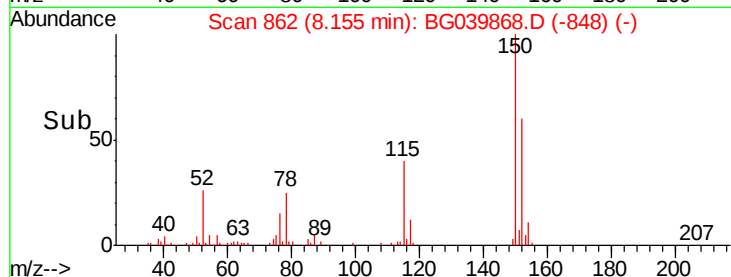


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

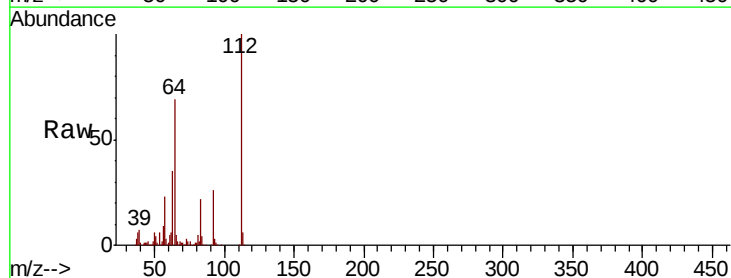
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 155.708 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	35.3	29.8	44.6

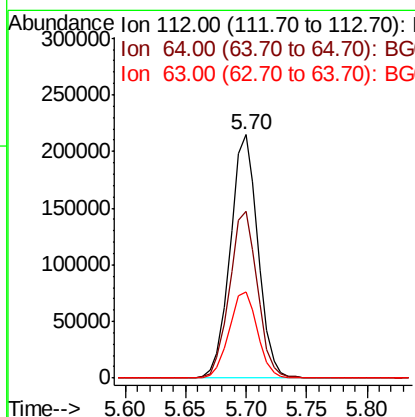
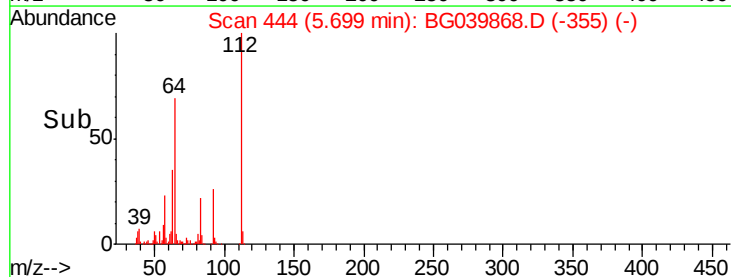


Abundance

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: 152.622 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

Instrument :

BNA_G

ClientSampleId :

MR-MH-05-COMP

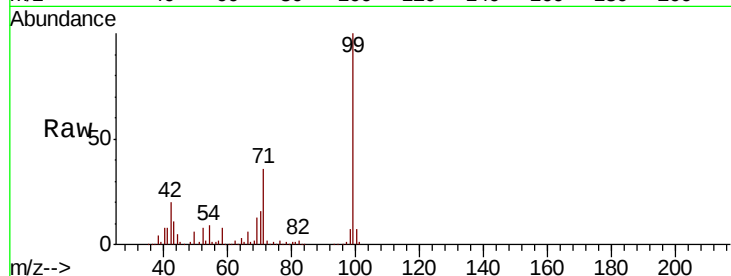
Tot Ion: 99 Resp: 500662

Ion Ratio Lower Upper

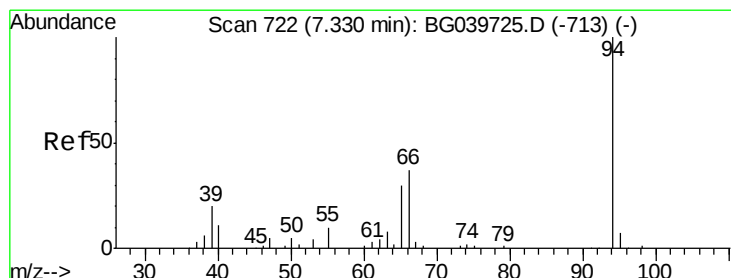
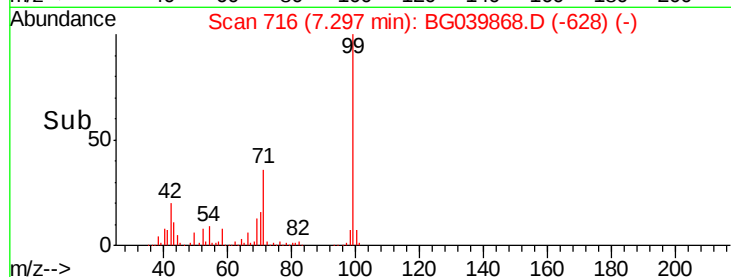
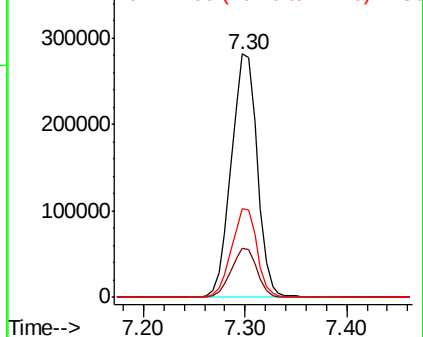
99 100

42 20.1 18.2 27.2

71 36.5 28.0 42.0



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



#10

Phenol

Concen: 6.305 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

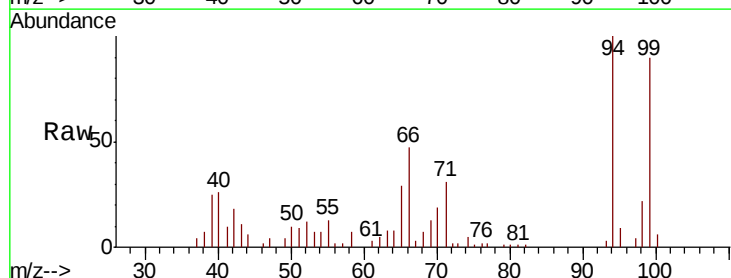
Tgt Ion: 94 Resp: 22407

Ion Ratio Lower Upper

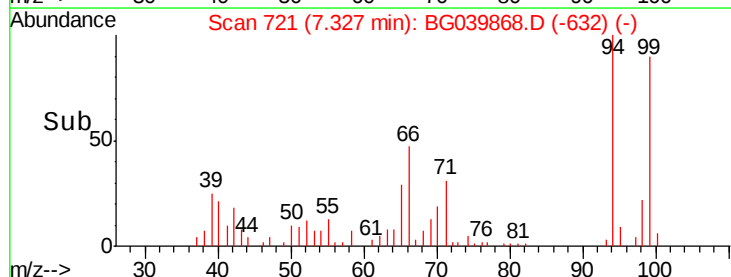
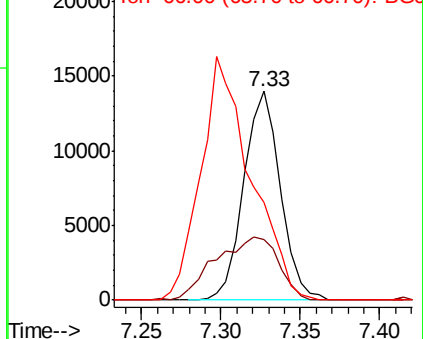
94 100

65 29.1 11.7 51.7

66 46.8 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

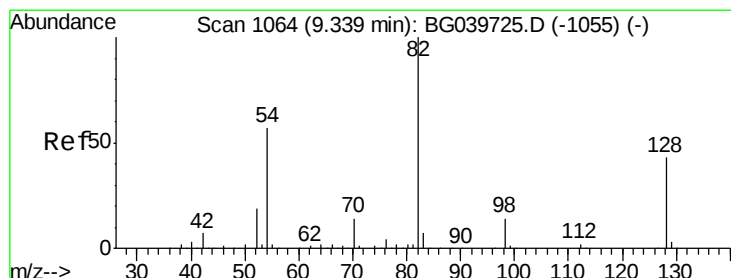
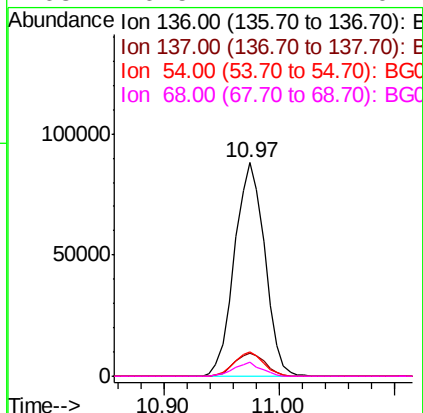
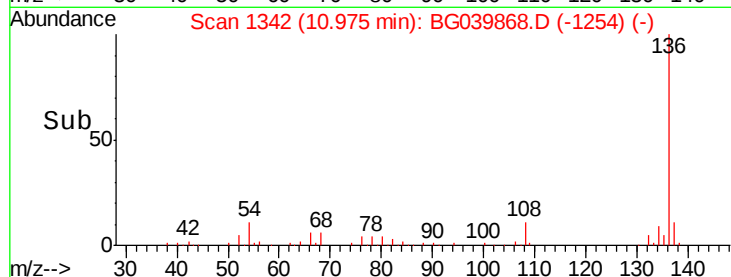
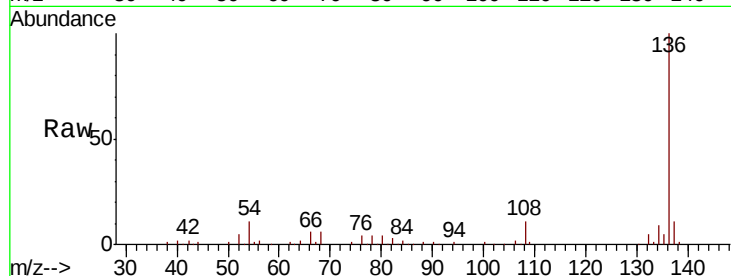




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

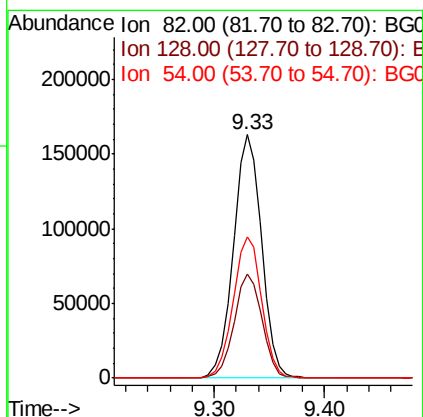
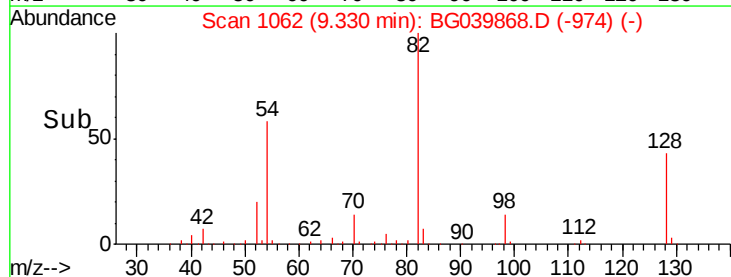
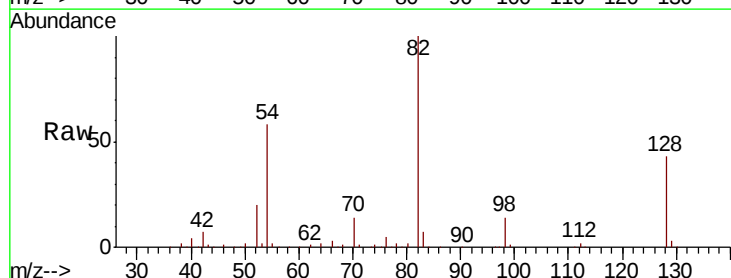
Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

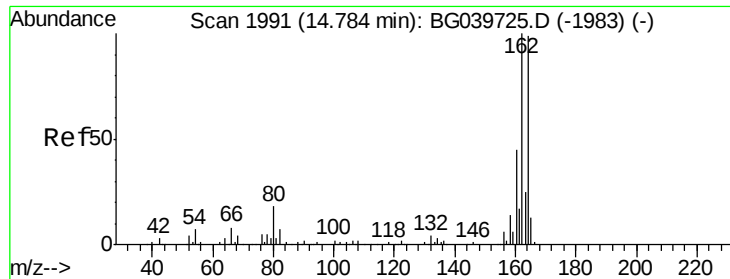
Tot Ion:136	Resp:	159893
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.1 13.7
54	11.4	9.4 14.2
68	6.5	4.2 6.4#



#23
Nitrobenzene-d5
Concen: 98.764 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Tgt Ion: 82	Resp:	291985
Ion	Ratio	Lower Upper
82	100	
128	42.7	31.3 46.9
54	58.2	50.9 76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

Instrument :

BNA_G

ClientSampleId :

MR-MH-05-COMP

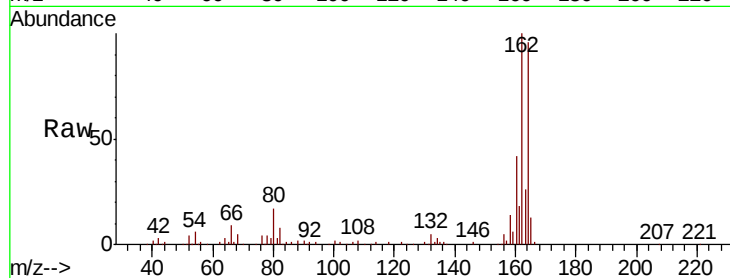
Tot Ion:164 Resp: 111548

Ion Ratio Lower Upper

164 100

162 104.3 81.6 122.4

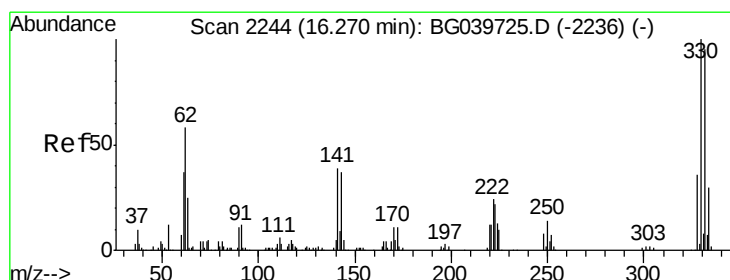
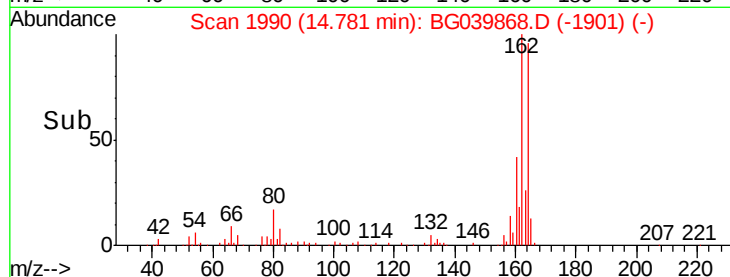
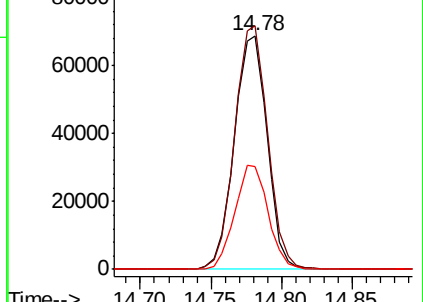
160 43.8 34.2 51.2



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: 154.816 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

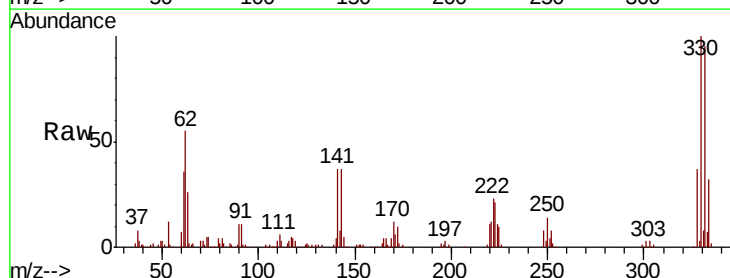
Tgt Ion:330 Resp: 201288

Ion Ratio Lower Upper

330 100

332 94.5 75.7 113.5

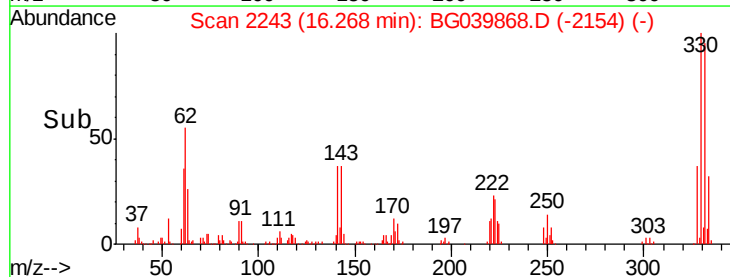
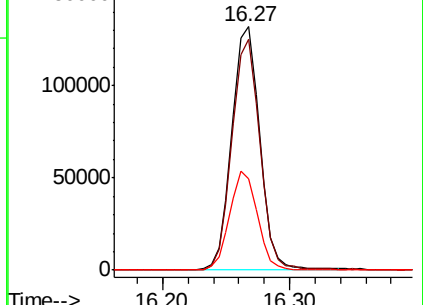
141 40.4 35.6 53.4



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

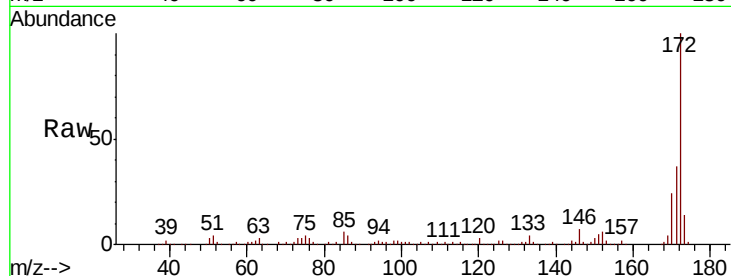




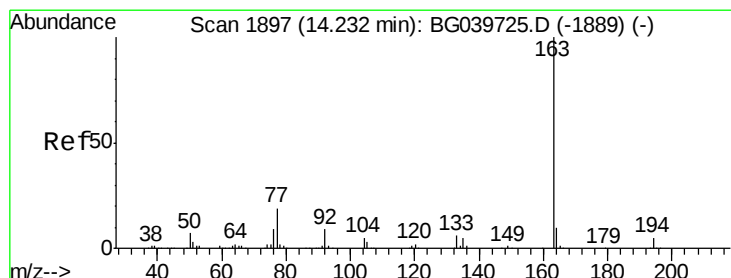
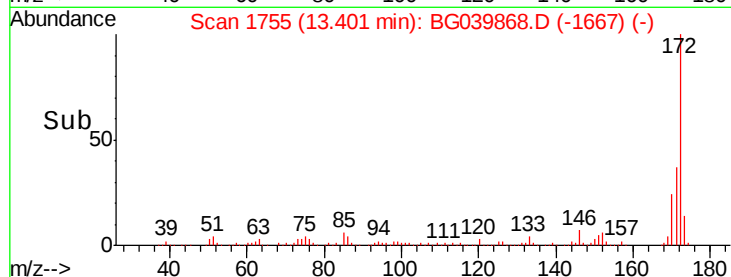
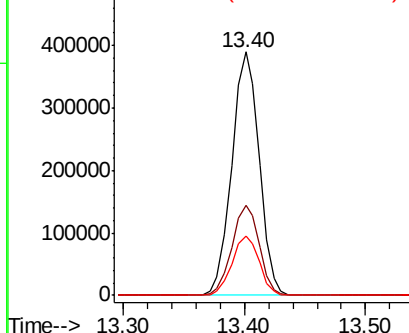
#45
2-Fluorobiphenyl
Concen: 78.475 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

Tot Ion:172 Resp: 614801
Ion Ratio Lower Upper
172 100
171 36.7 30.8 46.2
170 24.2 20.2 30.4

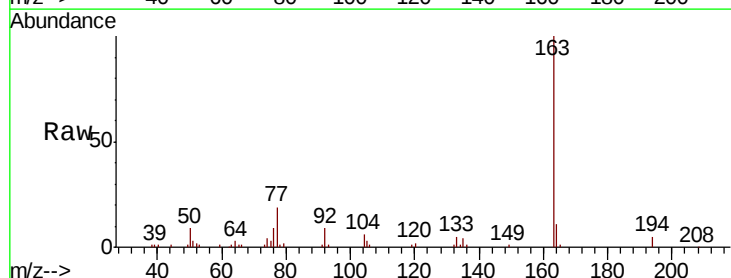


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

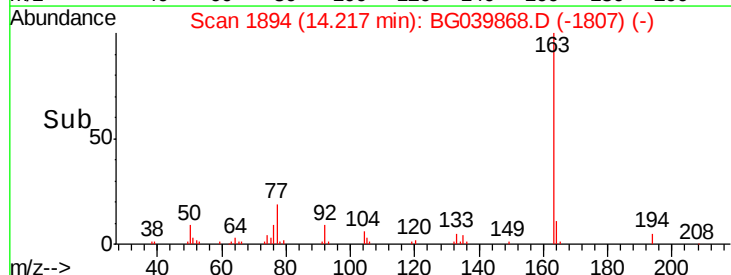
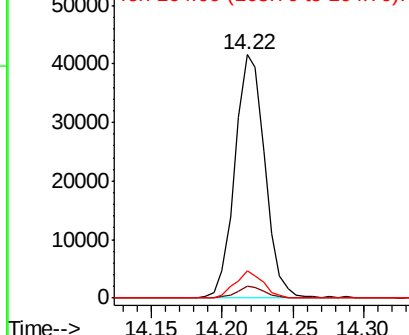


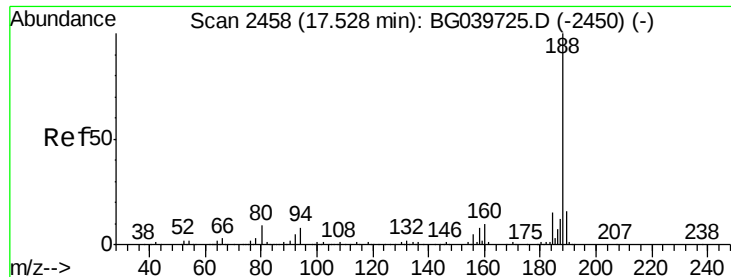
#50
Dimethylphthalate
Concen: 6.582 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Tgt Ion:163 Resp: 61398
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 11.1 8.4 12.6



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

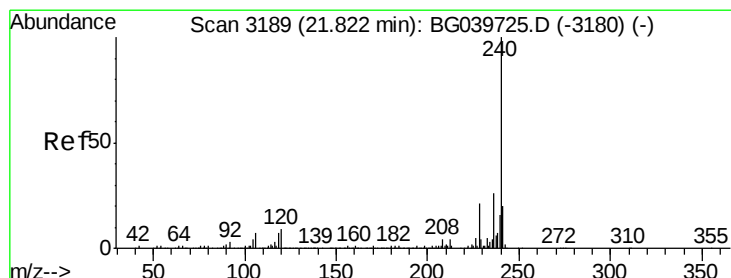
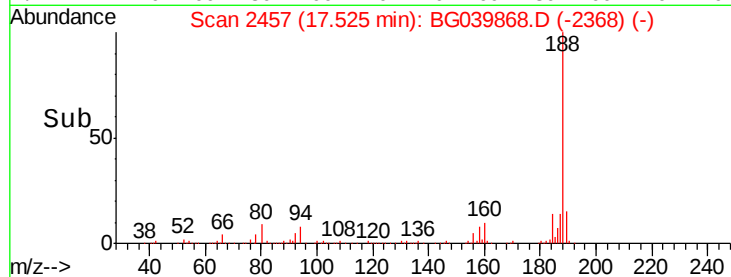
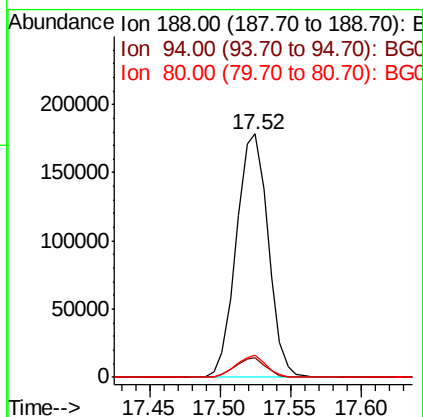
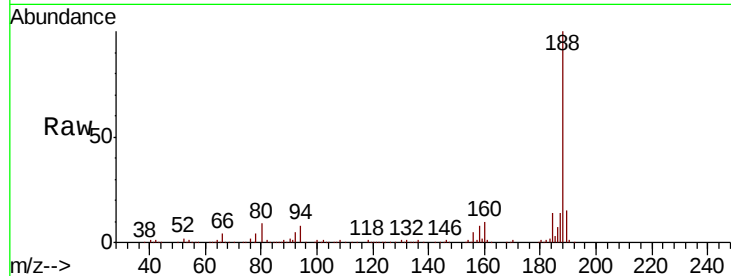




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

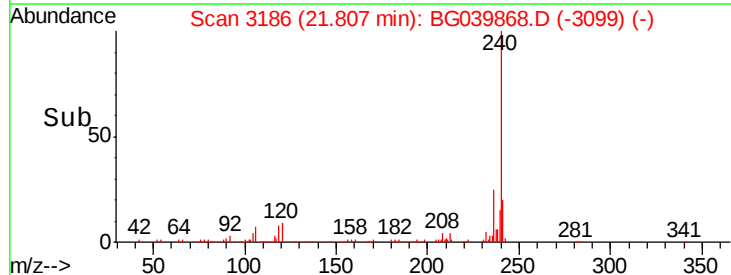
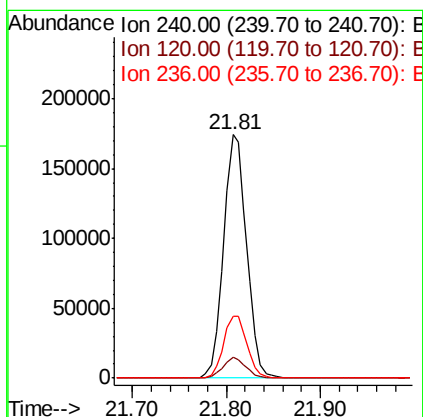
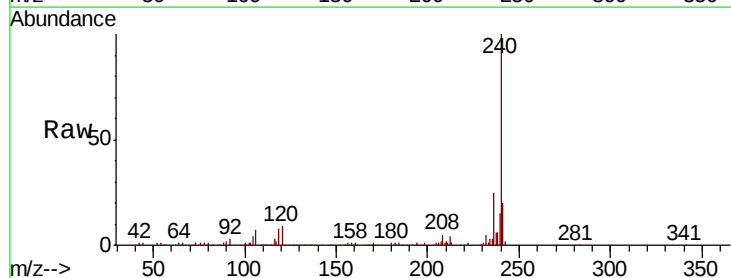
Instrument :
BNA_G
ClientSampleId :
MR-MH-05-COMP

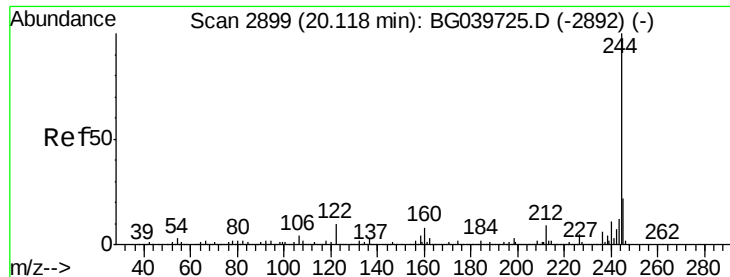
Tot Ion:188 Resp: 281330
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 8.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Tgt Ion:240 Resp: 295563
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 77.667 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

Instrument :

BNA_G

ClientSampleId :

MR-MH-05-COMP

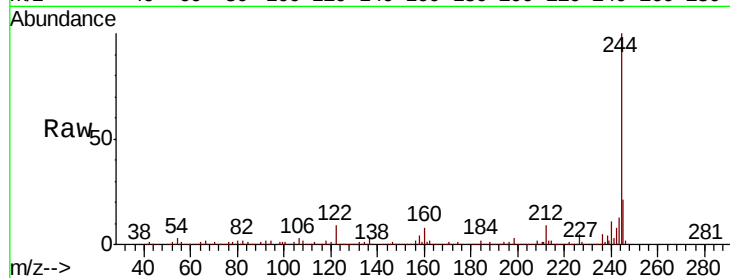
Tot Ion:244 Resp: 1042572

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

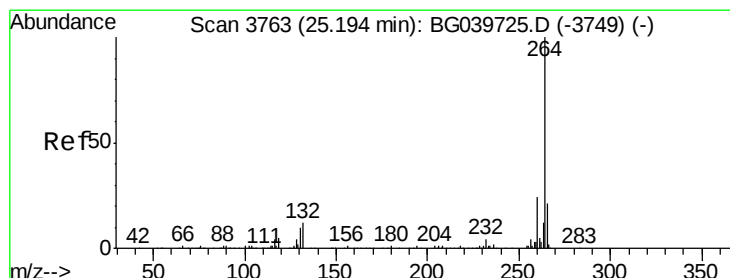
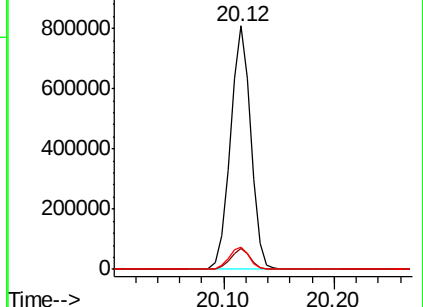
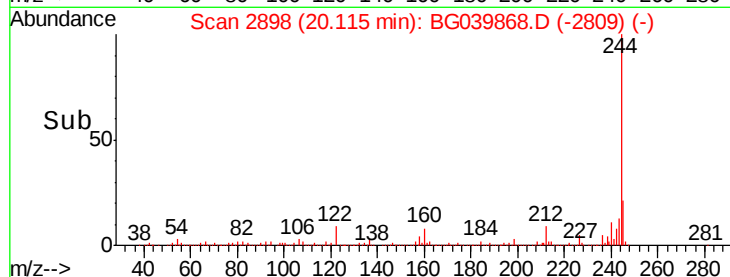
122 9.0 8.4 12.6



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: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

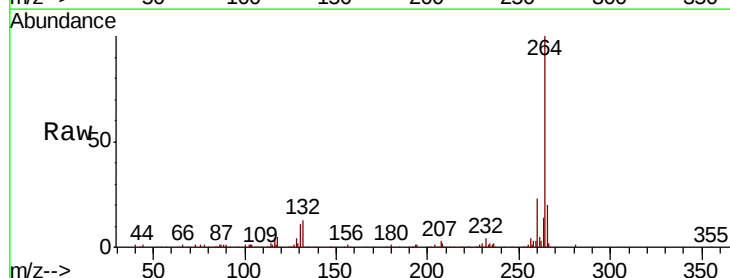
Tgt Ion:264 Resp: 290983

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 19.9 18.5 27.7



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

