

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039948.D
 Acq On : 15 Mar 2019 19:28
 Operator : JU/SJ
 Sample : K1909-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101-102

Quant Time: Mar 16 04:44:17 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

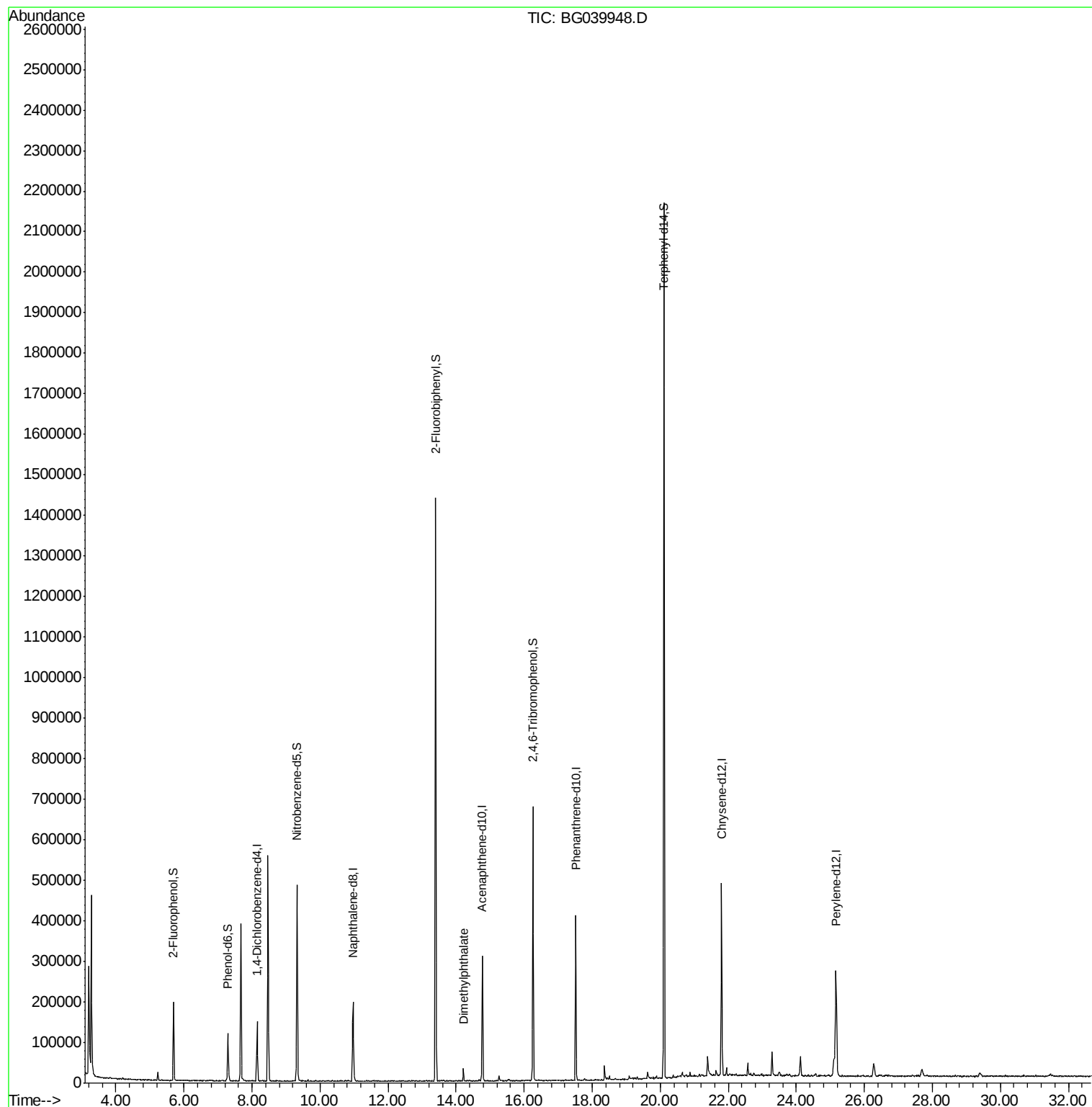
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40302	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	168647	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108621	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	259137	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	287788	20.00	ng	-0.03
87) Perylene-d12	25.17	264	295383	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	82771	35.04	ng	-0.02
7) Phenol-d6	7.29	99	69327	19.68	ng	-0.03
23) Nitrobenzene-d5	9.33	82	289515	92.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	114449	90.40	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	726059	95.17	ng	-0.02
79) Terphenyl-d14	20.11	244	988581	75.63	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	14.22	163	21102	2.323	ng	98

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

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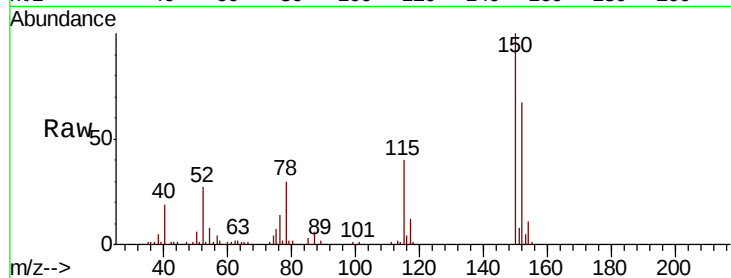


#1

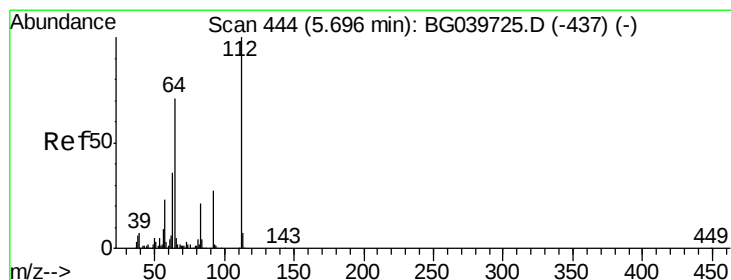
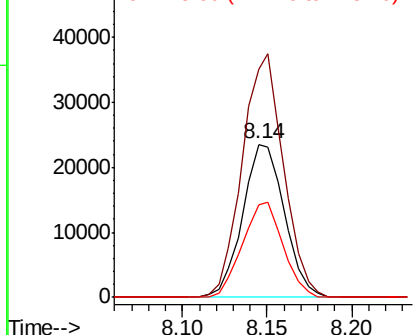
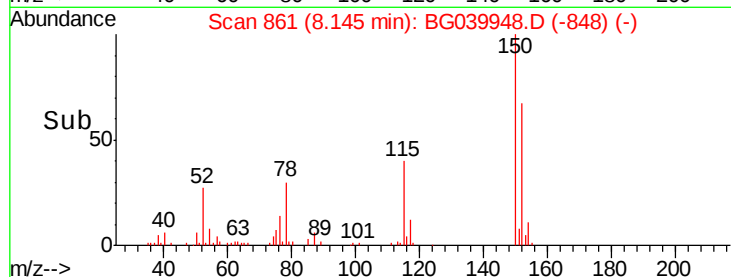
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampled :
101-102

Tot Ion:152 Resp: 40302
Ion Ratio Lower Upper
152 100
150 149.8 123.7 185.5
115 60.3 45.9 68.9



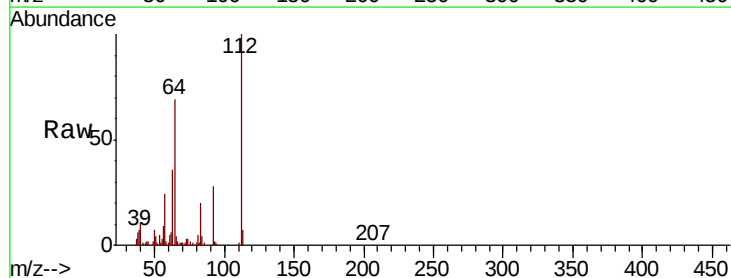
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



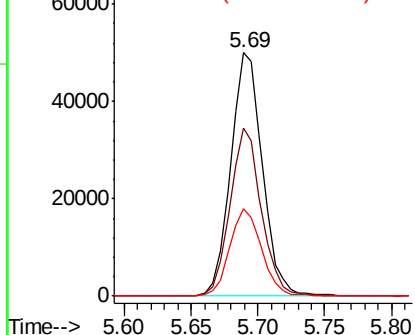
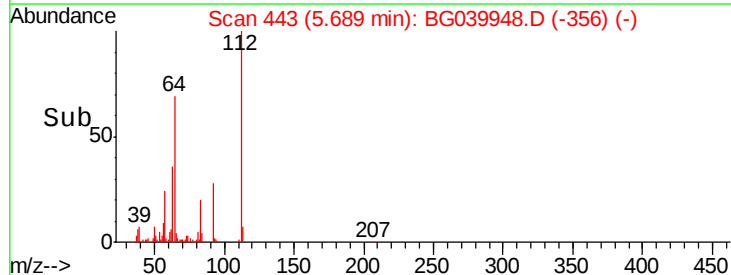
#5

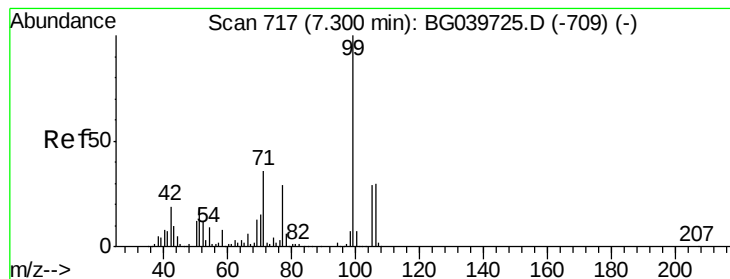
2-Fluorophenol
Concen: 35.037 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:112 Resp: 82771
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 35.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 19.682 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

Instrument :

BNA_G

ClientSampled :

101-102

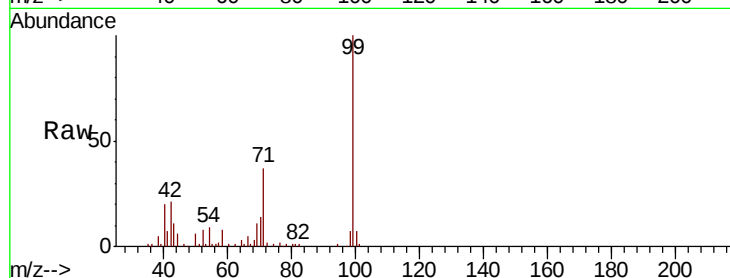
Tot Ion: 99 Resp: 69327

Ion Ratio Lower Upper

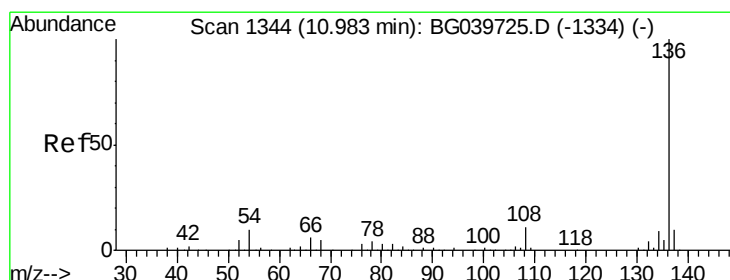
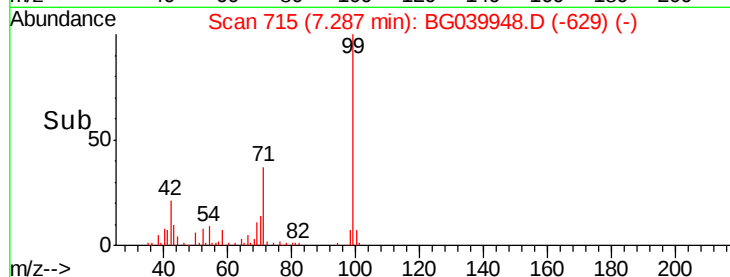
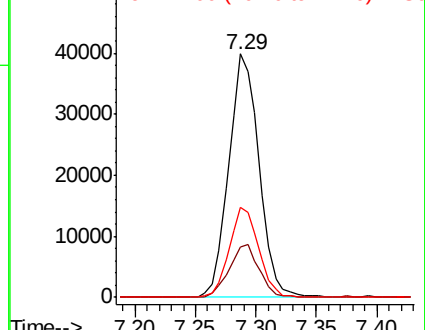
99 100

42 20.7 18.2 27.2

71 36.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

Tgt Ion: 136 Resp: 168647

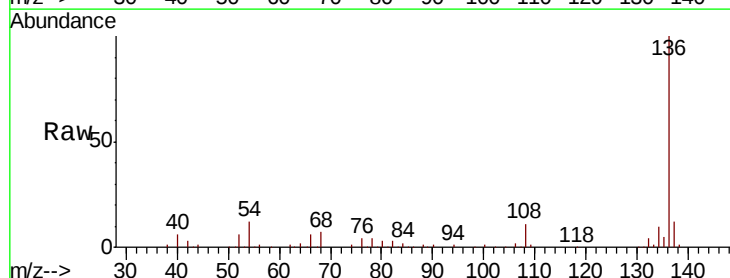
Ion Ratio Lower Upper

136 100

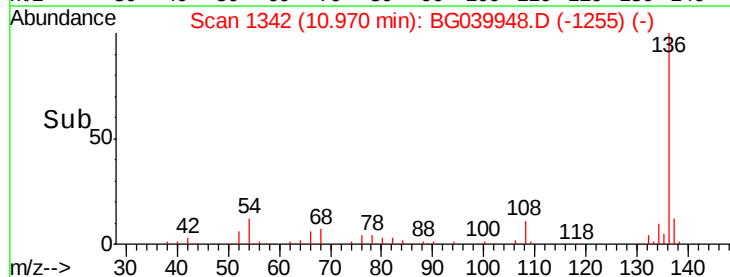
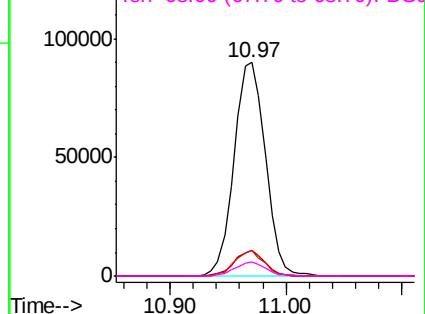
137 12.0 9.1 13.7

54 11.9 9.4 14.2

68 6.9 4.2 6.4#



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

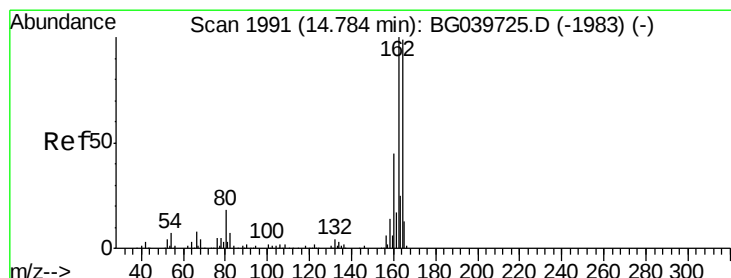
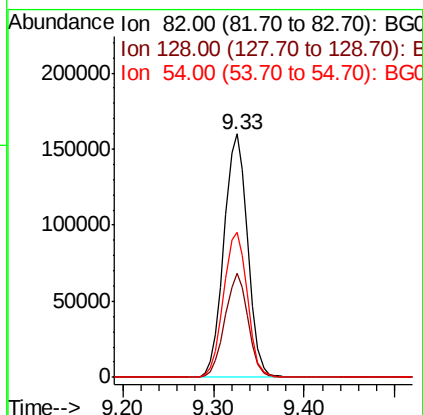
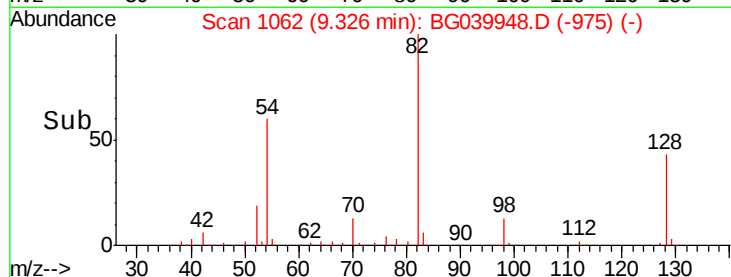
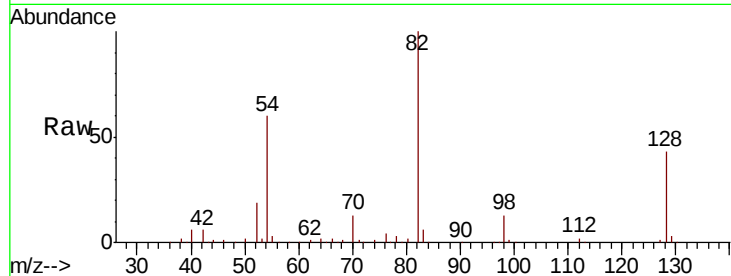




#23
Nitrobenzene-d5
Concen: 92.846 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

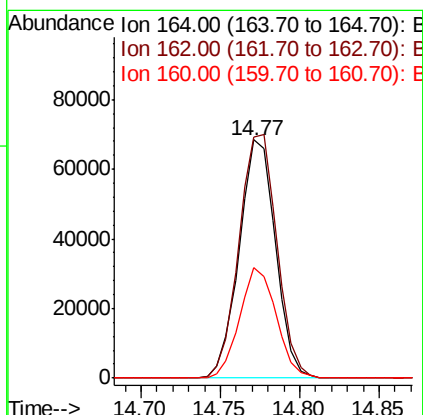
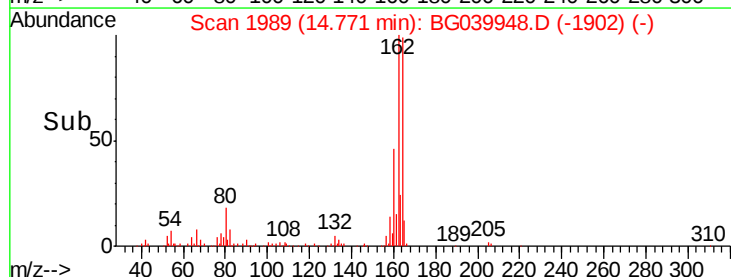
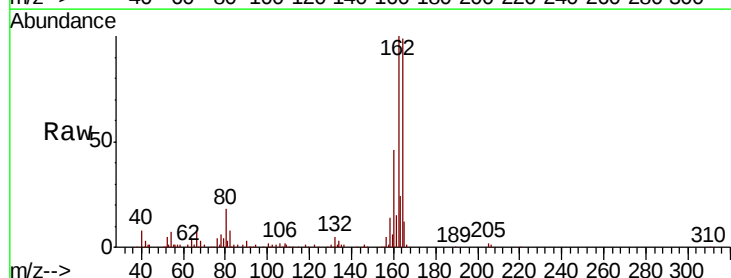
Instrument :
BNA_G
ClientSampleId :
101-102

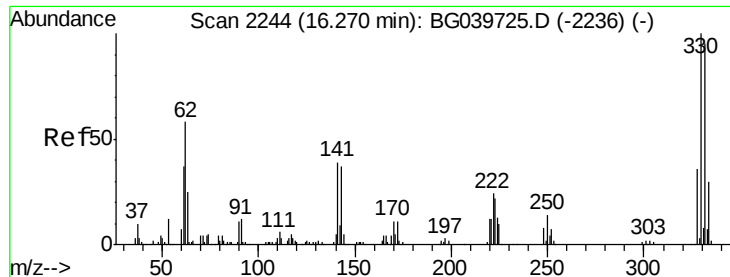
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.7	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.6	122.4
160	46.4	34.2	51.2

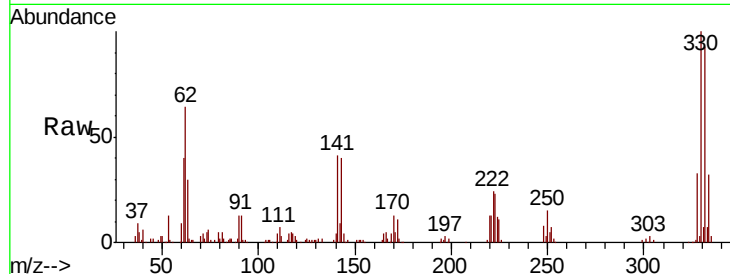




#42
 2,4,6-Tribromophenol
 Concen: 90.398 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039948.D
 Acq: 15 Mar 2019 19:28

Instrument :
 BNA_G
 ClientSampleId :
 101-102

Tot Ion	330	Resp	114449
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.7	113.5
141	41.6	35.6	53.4

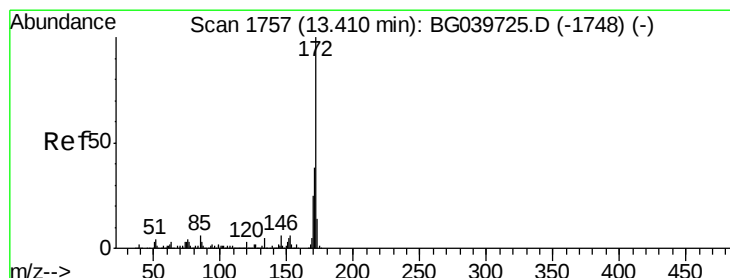
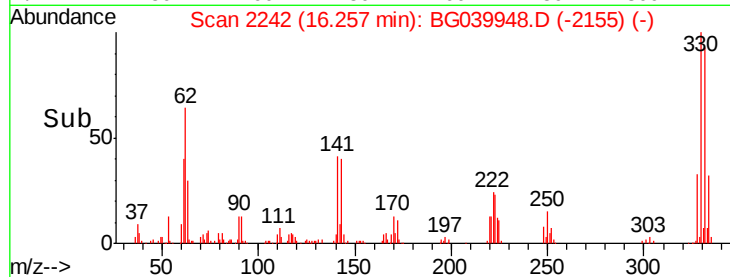
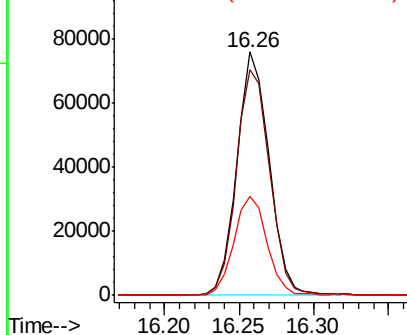


Abundance

Ion 329.80 (329.50 to 330.50): E

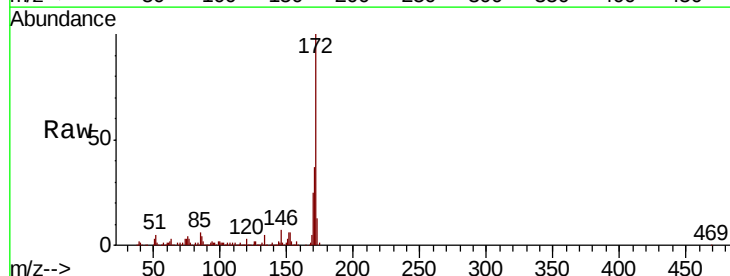
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.174 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039948.D
 Acq: 15 Mar 2019 19:28

Tgt Ion	172	Resp	726059
Ion Ratio	Lower	Upper	
172	100		
171	37.4	30.8	46.2
170	25.1	20.2	30.4

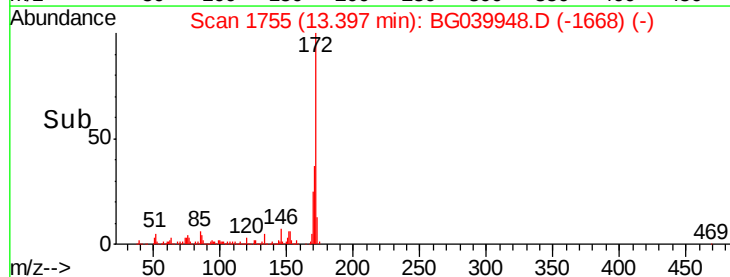
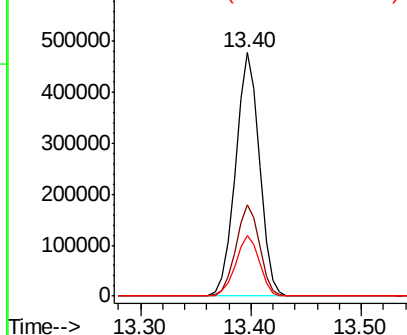


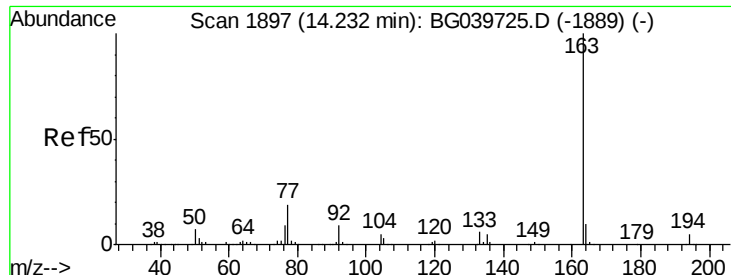
Abundance

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: 2.323 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039948.D

Acq: 15 Mar 2019 19:28

Instrument :

BNA_G

ClientSampleId :

101-102

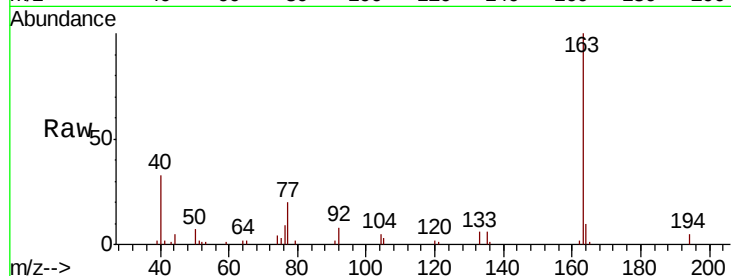
Tot Ion:163 Resp: 21102

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

164 9.5 8.4 12.6

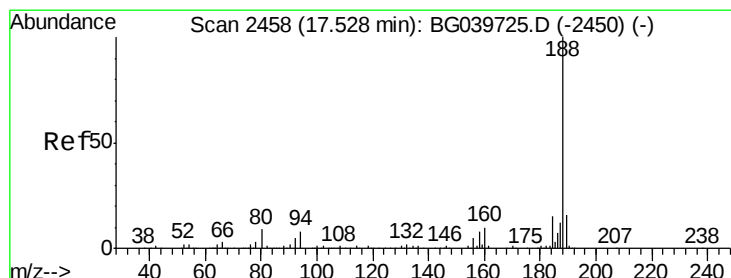
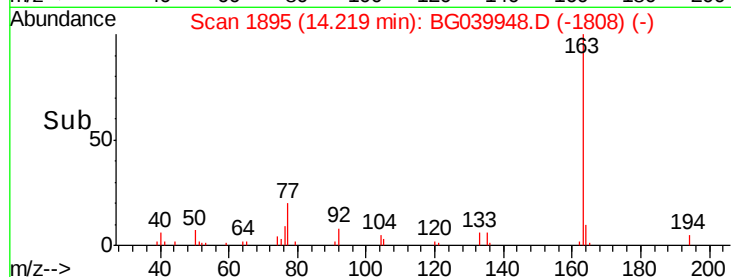
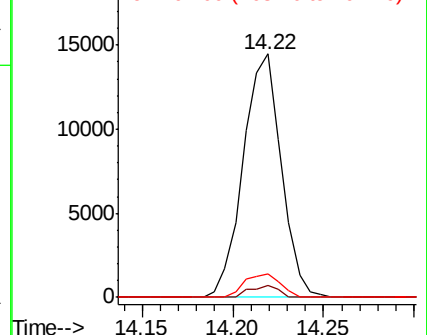


Abundance

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: BG039948.D

Acq: 15 Mar 2019 19:28

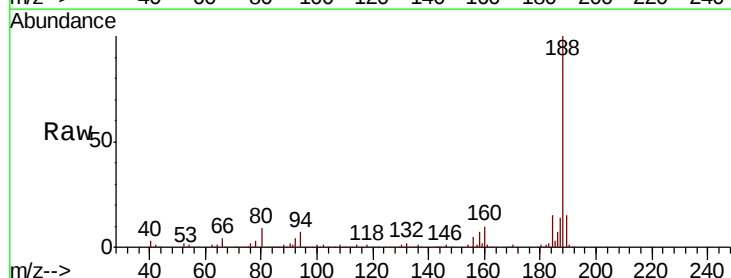
Tgt Ion:188 Resp: 259137

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

80 9.2 8.1 12.1

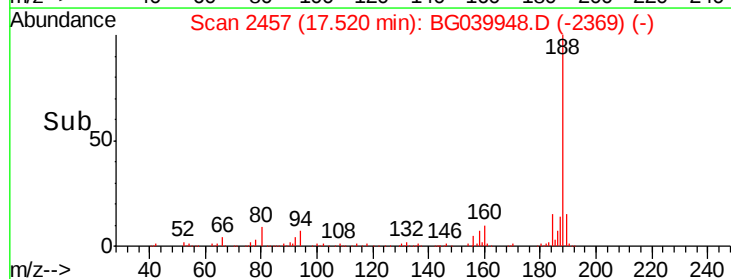
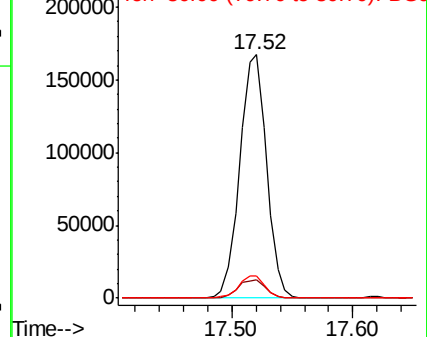


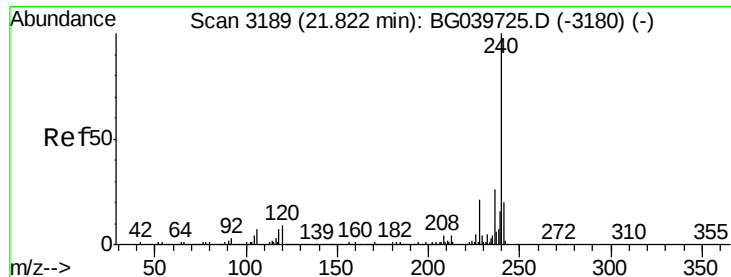
Abundance

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

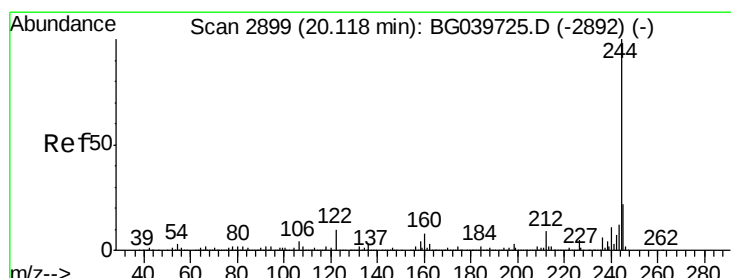
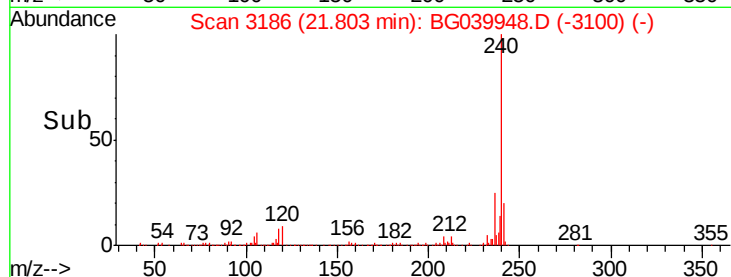
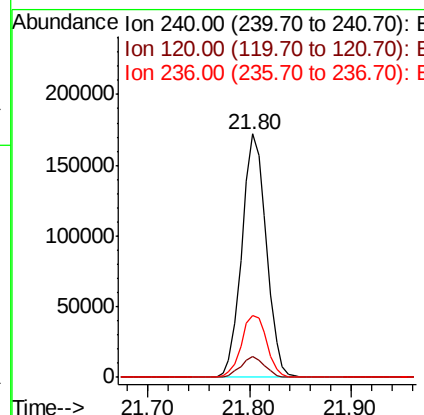
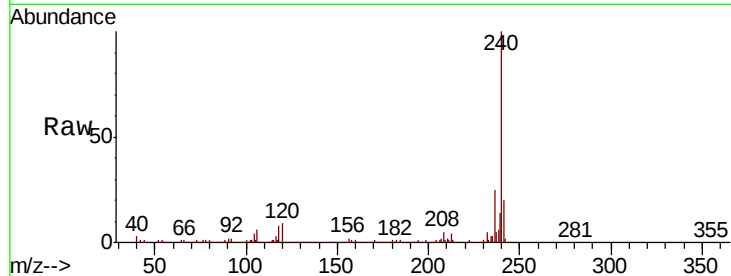




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

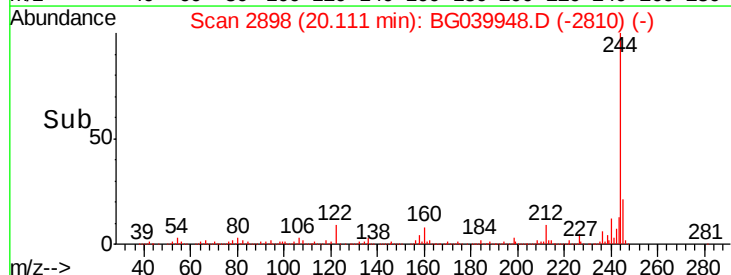
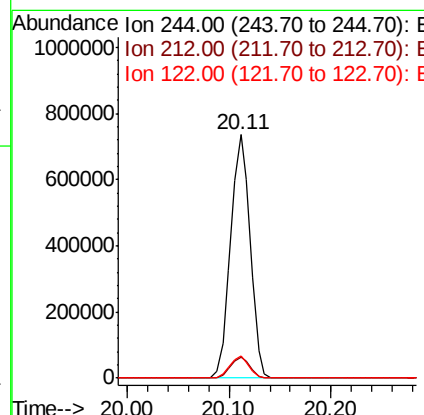
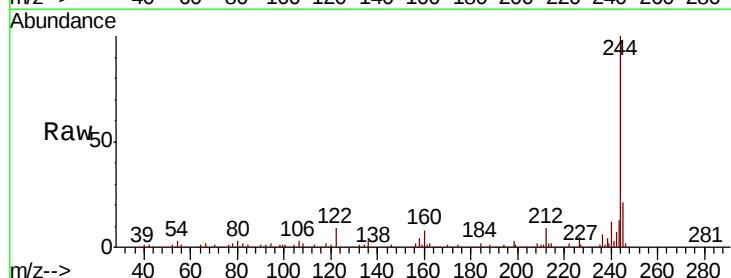
Instrument :
BNA_G
ClientSampleId :
101-102

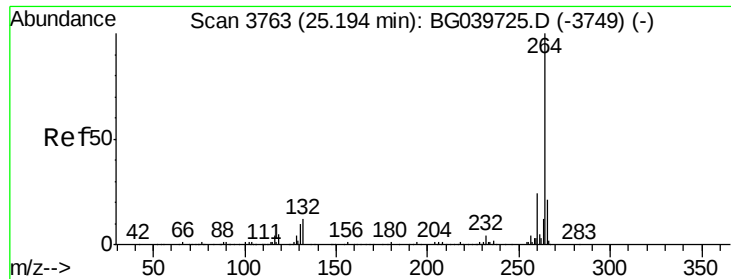
Tot Ion:240 Resp: 287788
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.4 21.0 31.4



#79
Terphenyl-d14
Concen: 75.634 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Tgt Ion:244 Resp: 988581
Ion Ratio Lower Upper
244 100
212 8.5 7.3 10.9
122 9.2 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039948.D
Acq: 15 Mar 2019 19:28

Instrument :
BNA_G
ClientSampleId :
101-102

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.4
265	21.6	18.5	27.7

