

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039887.D
 Acq On : 12 Mar 2019 23:31
 Operator : JU/SJ
 Sample : K1824-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-27

Quant Time: Mar 13 06:54:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

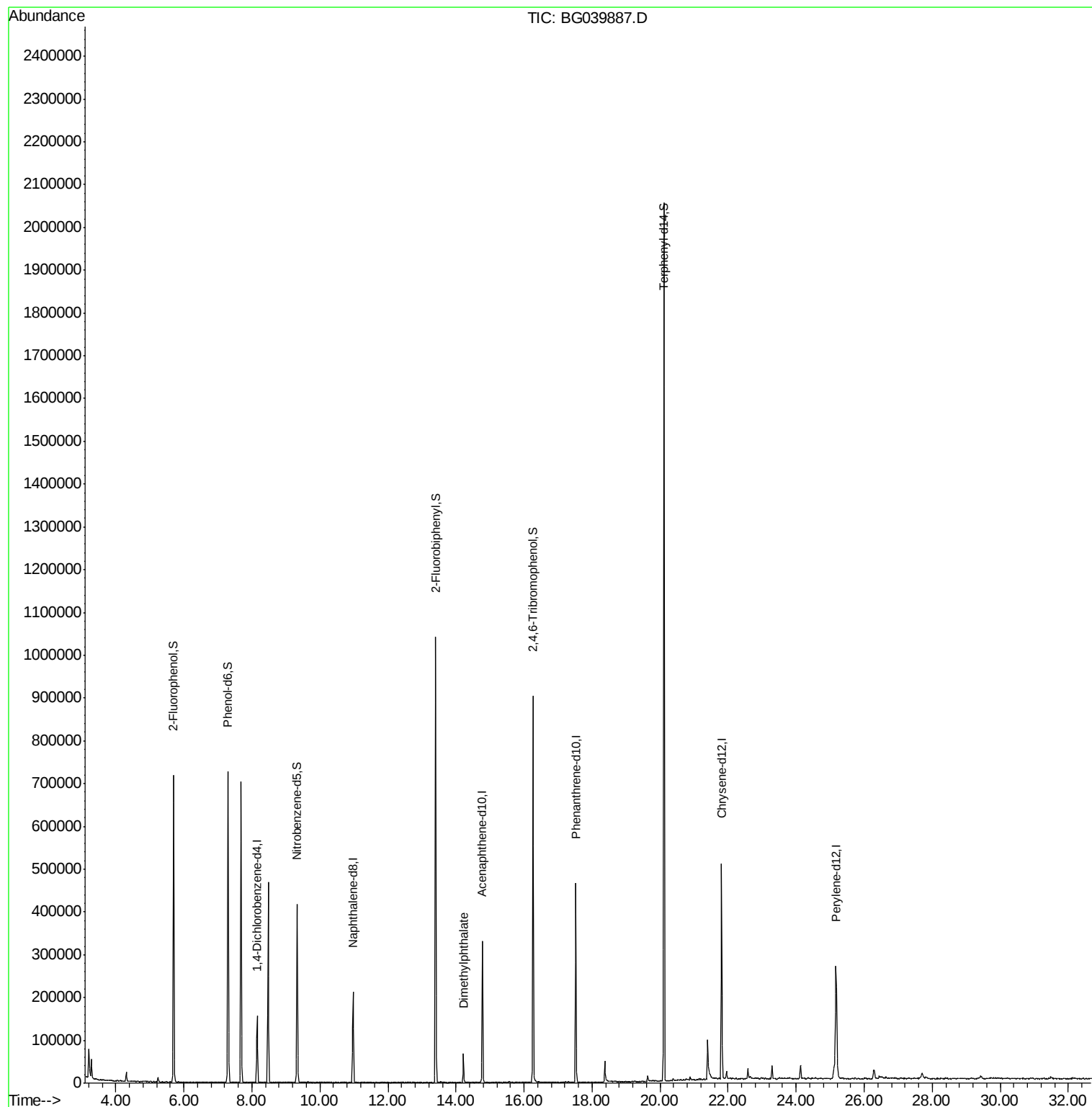
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42401	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	180133	20.00	ng	0.00
39) Acenaphthene-d10	14.77	164	117093	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	291062	20.00	ng	0.00
76) Chrysene-d12	21.81	240	316355	20.00	ng	0.00
87) Perylene-d12	25.18	264	312585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	291614	117.33	ng	0.00
7) Phenol-d6	7.30	99	417243	112.59	ng	0.00
23) Nitrobenzene-d5	9.33	82	251003	75.36	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	151375	110.91	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	535077	65.06	ng	0.00
79) Terphenyl-d14	20.11	244	952882	66.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.22	163	48131	4.916	ng	Qvalue 100

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

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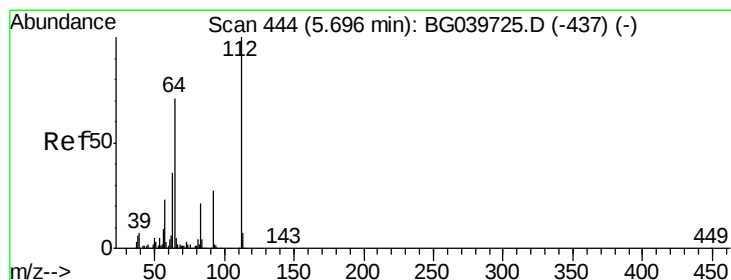
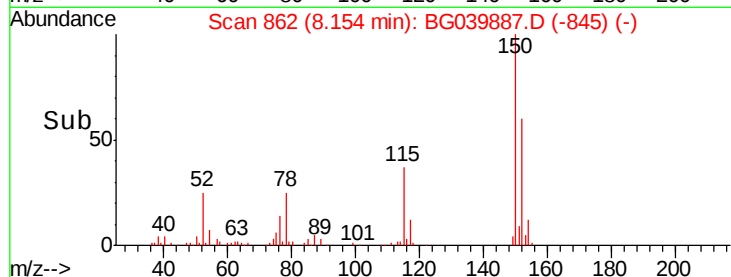
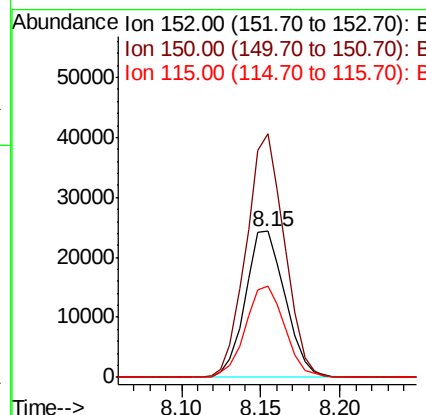
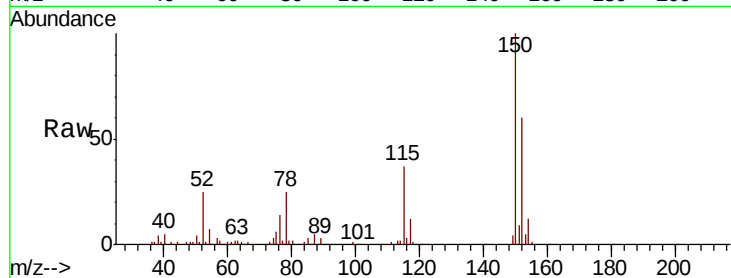


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. 0.00 min
Lab File: BG039887.D
Acq: 12 Mar 2019 23:31

Instrument :
BNA_G
ClientSampleId :
TP-27

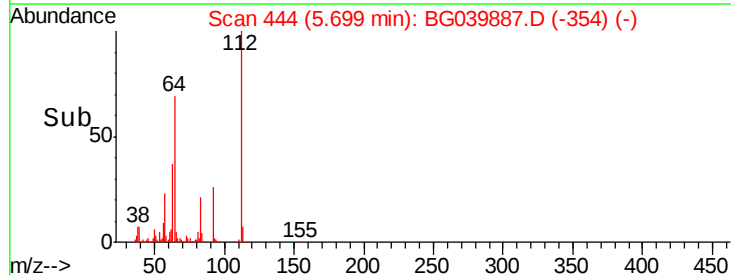
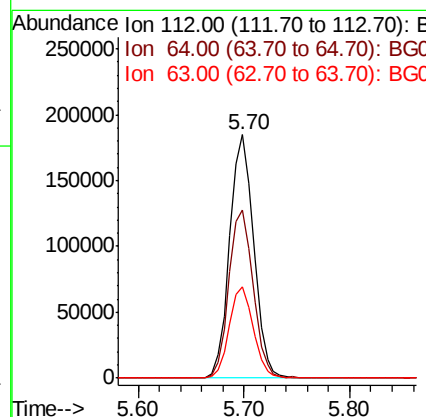
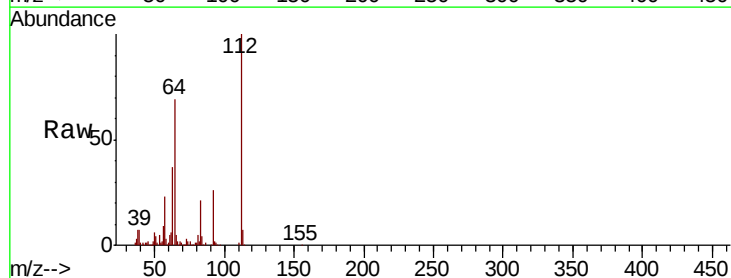
Tot Ion:152 Resp: 42401
Ion Ratio Lower Upper
152 100
150 166.7 123.7 185.5
115 62.3 45.9 68.9



#5

2-Fluorophenol
Concen: 117.331 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.00 min
Lab File: BG039887.D
Acq: 12 Mar 2019 23:31

Tgt Ion:112 Resp: 291614
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 37.4 29.8 44.6





#7

Phenol-d6

Concen: 112.590 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG039887.D

Acq: 12 Mar 2019 23:31

Instrument :

BNA_G

ClientSampleId :

TP-27

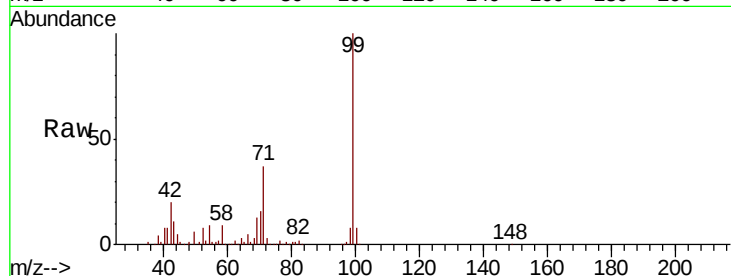
Tot Ion: 99 Resp: 417243

Ion Ratio Lower Upper

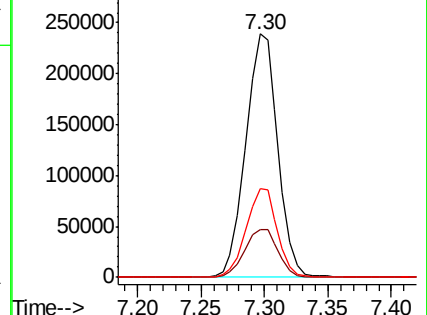
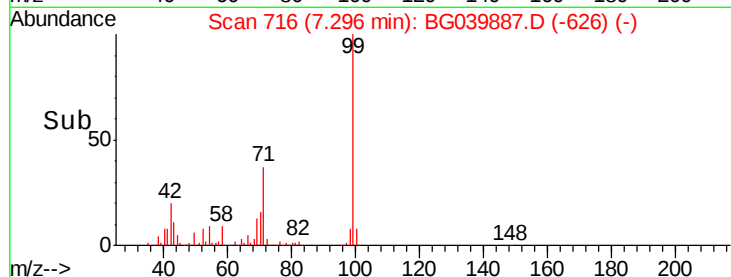
99 100

42 19.9 18.2 27.2

71 36.7 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. 0.00 min

Lab File: BG039887.D

Acq: 12 Mar 2019 23:31

Tgt Ion: 136 Resp: 180133

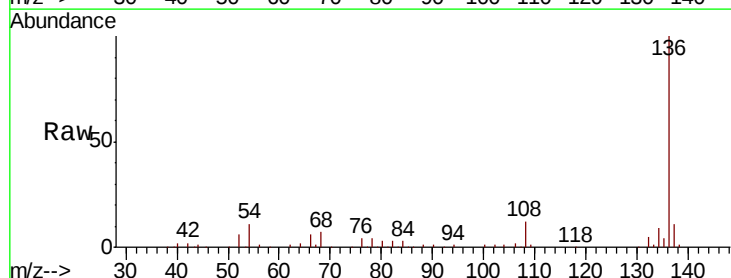
Ion Ratio Lower Upper

136 100

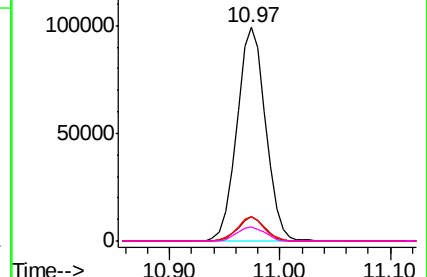
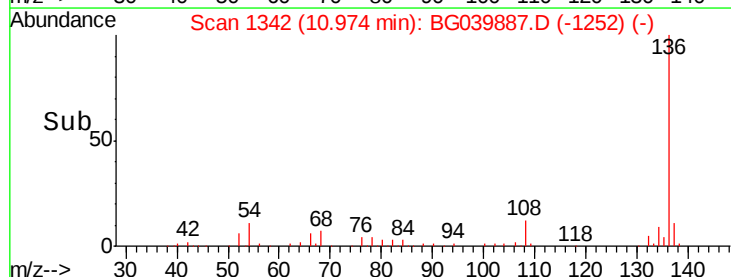
137 11.5 9.1 13.7

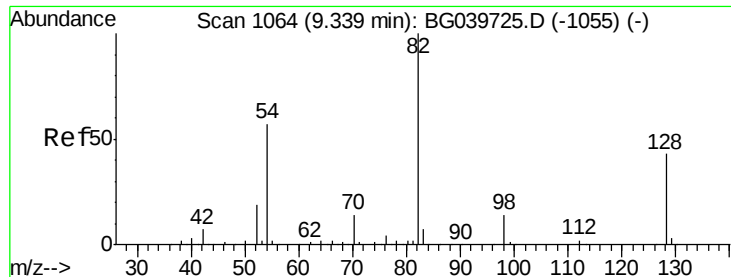
54 11.2 9.4 14.2

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

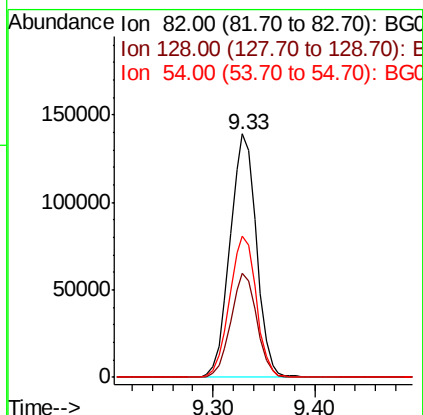
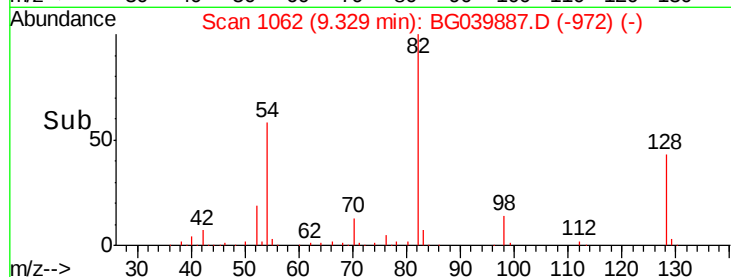
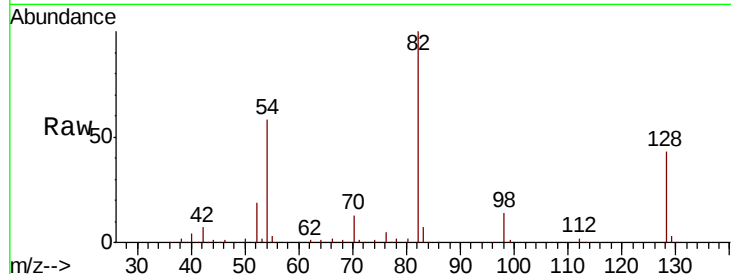




#23
Nitrobenzene-d5
Concen: 75.362 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG039887.D
Acq: 12 Mar 2019 23:31

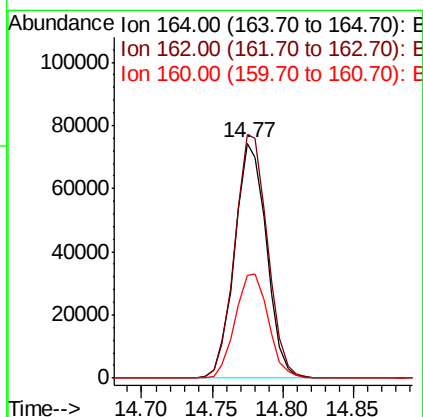
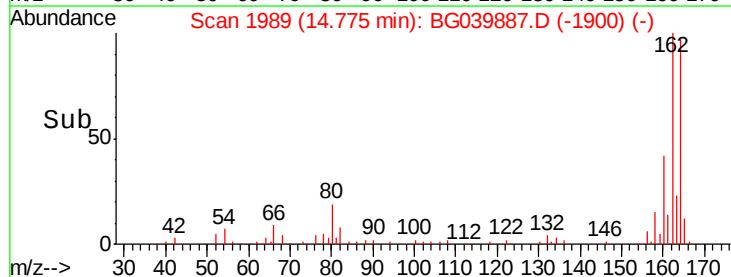
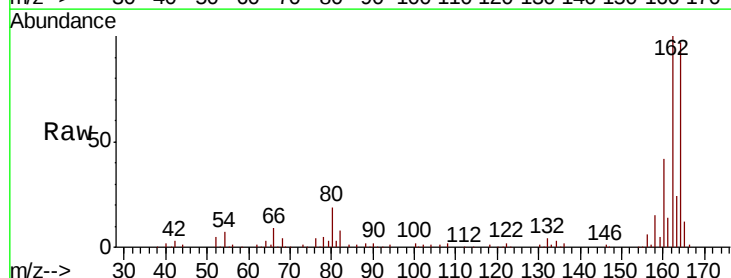
Instrument :
BNA_G
ClientSampleId :
TP-27

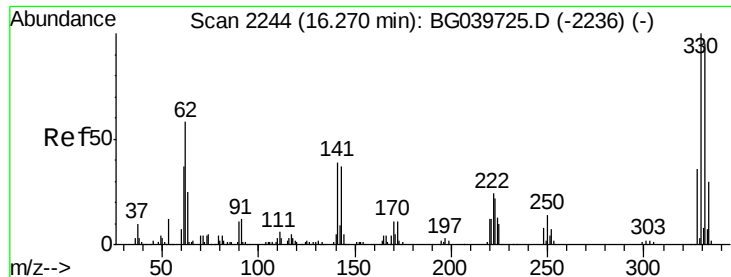
Tot Ion: 82 Resp: 251003
Ion Ratio Lower Upper
82 100
128 42.6 31.3 46.9
54 58.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG039887.D
Acq: 12 Mar 2019 23:31

Tgt Ion:164 Resp: 117093
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 43.8 34.2 51.2

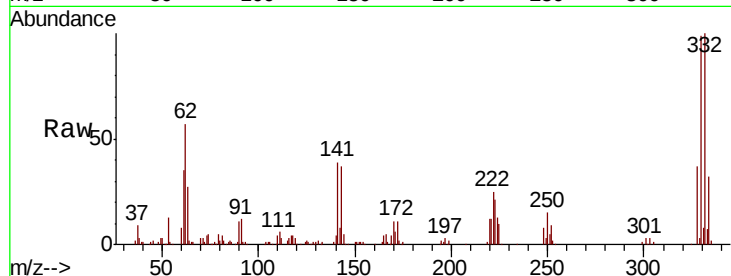




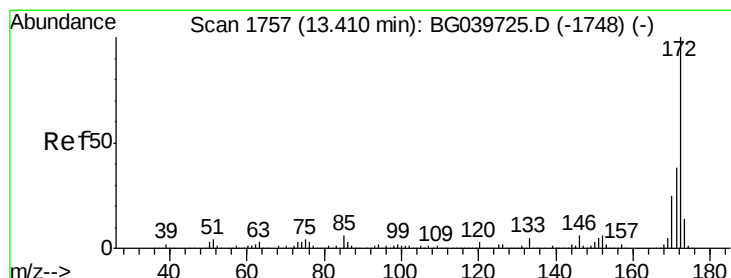
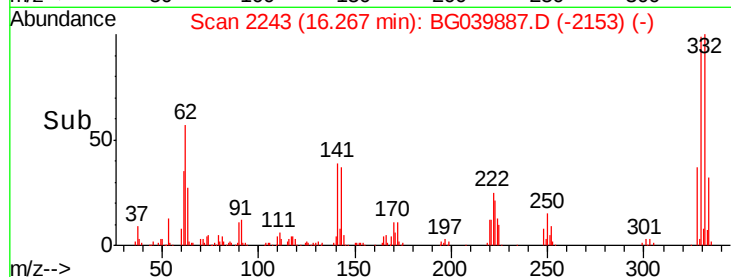
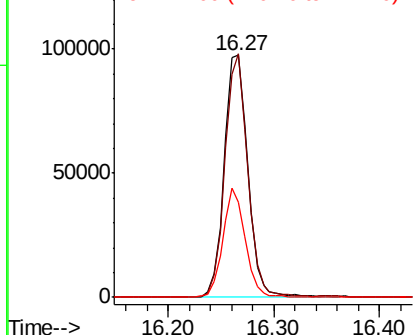
#42
 2,4,6-Tribromophenol
 Concen: 110.913 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. 0.00 min
 Lab File: BG039887.D
 Acq: 12 Mar 2019 23:31

Instrument :
 BNA_G
 ClientSampleId :
 TP-27

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	42.6	35.6	53.4

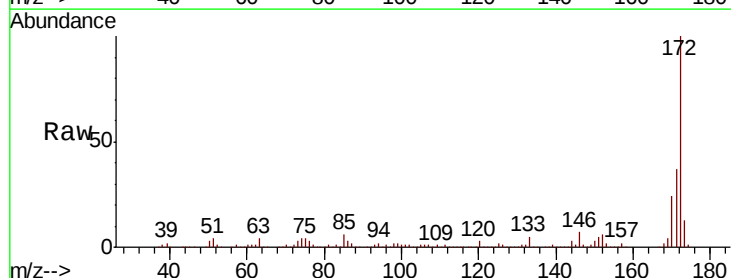


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

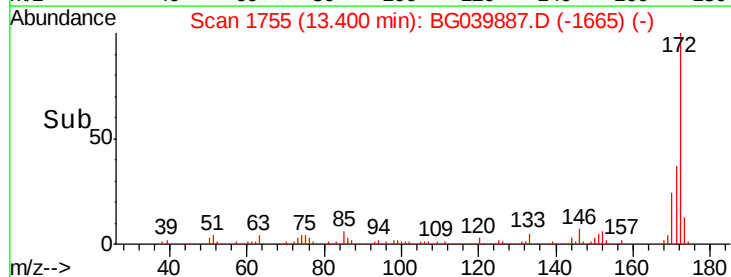
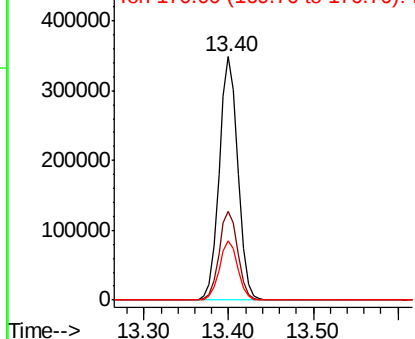


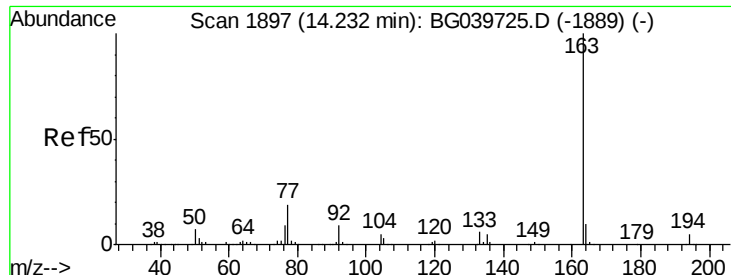
#45
 2-Fluorobiphenyl
 Concen: 65.064 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG039887.D
 Acq: 12 Mar 2019 23:31

Tgt 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: 4.916 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG039887.D

Acq: 12 Mar 2019 23:31

Instrument :

BNA_G

ClientSampleId :

TP-27

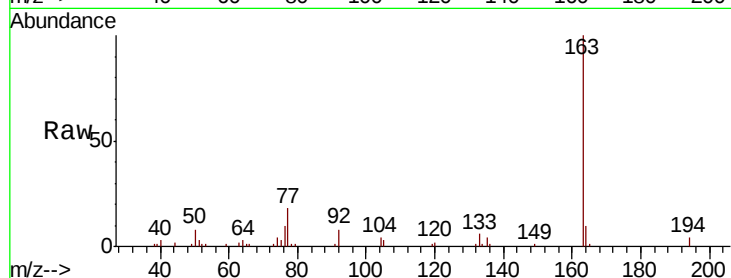
Tot Ion:163 Resp: 48131

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

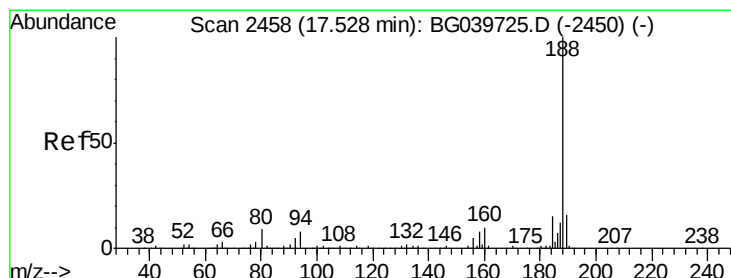
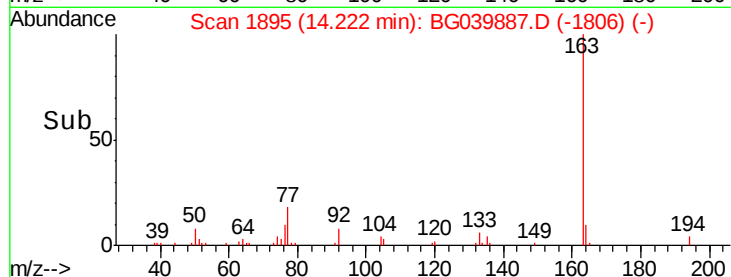
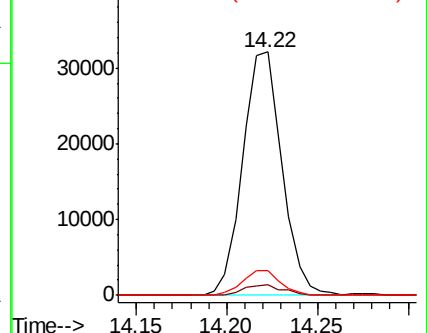
164 10.3 8.4 12.6



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. 0.00 min

Lab File: BG039887.D

Acq: 12 Mar 2019 23:31

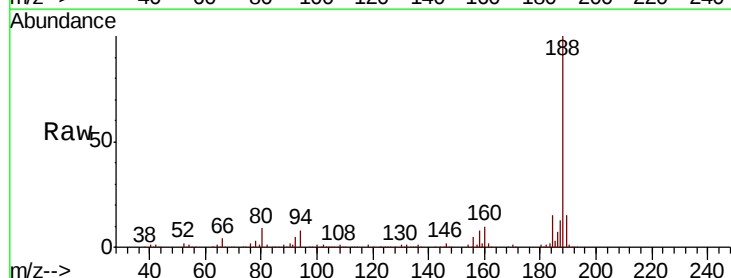
Tgt Ion:188 Resp: 291062

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

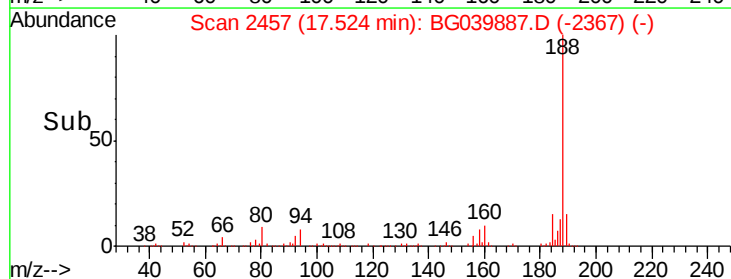
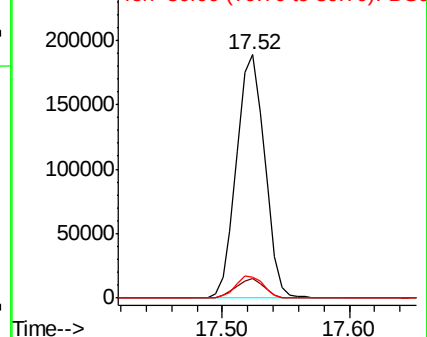
80 8.7 8.1 12.1

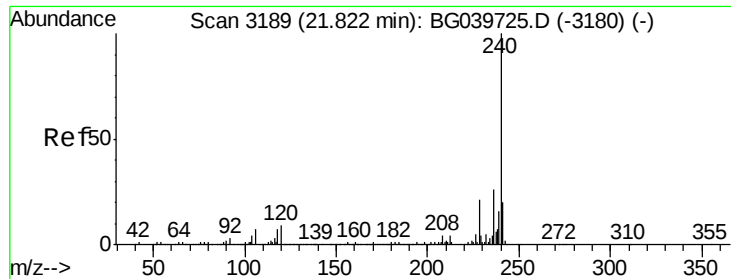


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

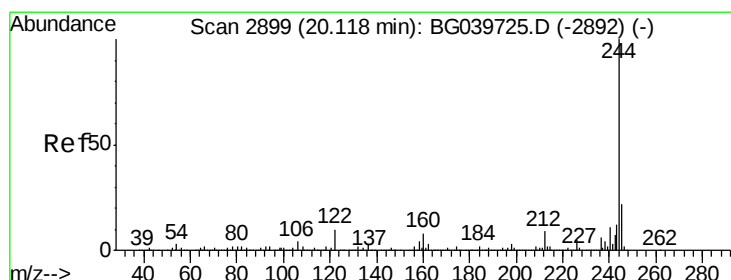
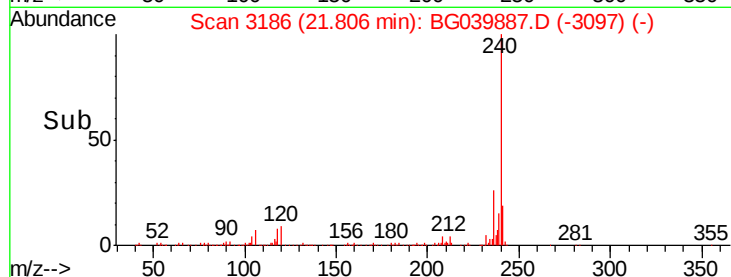
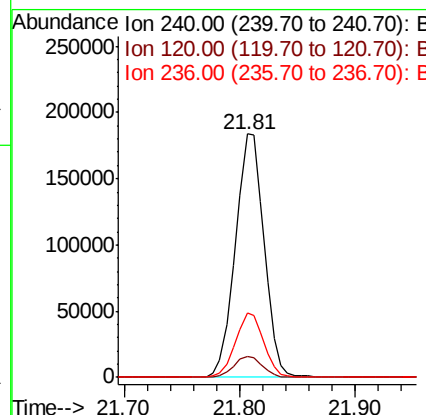
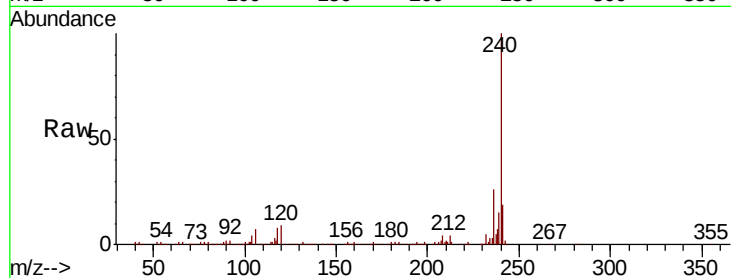




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.01 min
 Lab File: BG039887.D
 Acq: 12 Mar 2019 23:31

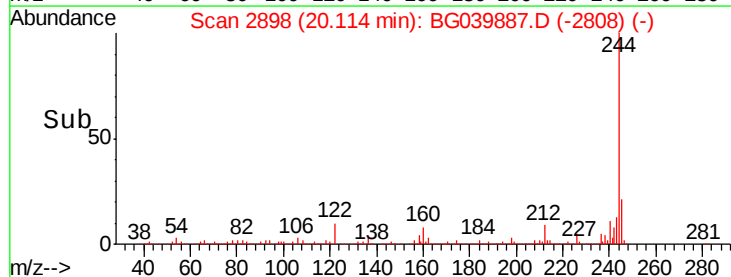
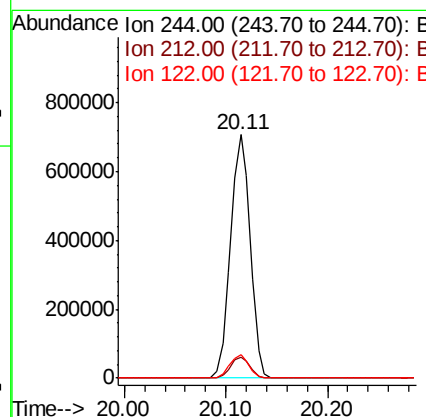
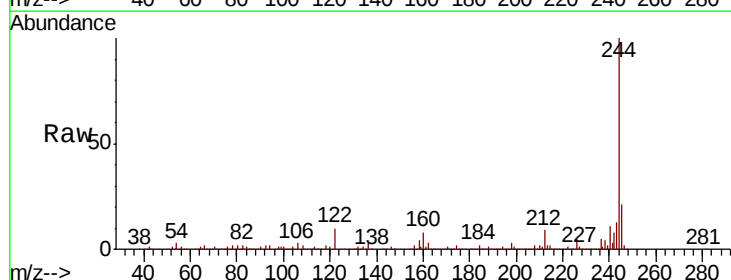
Instrument :
 BNA_G
 ClientSampled :
 TP-27

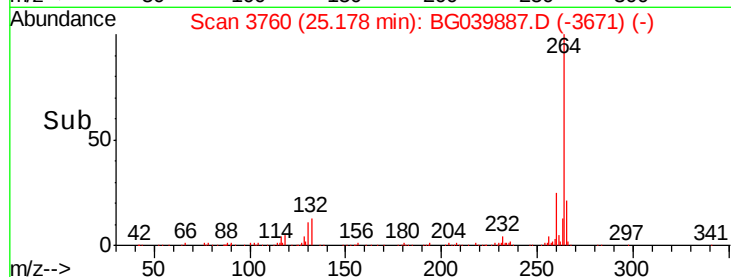
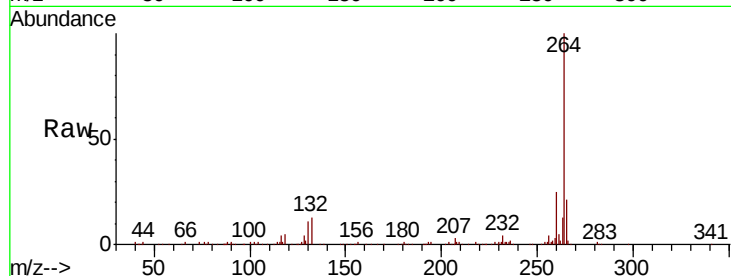
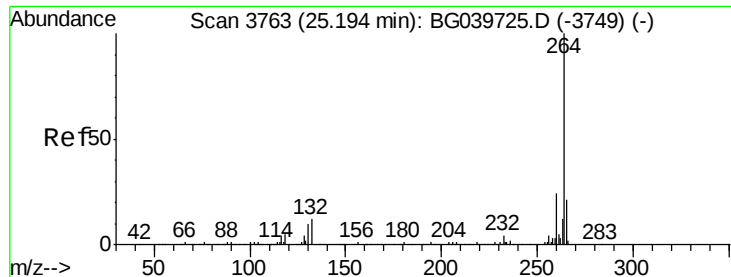
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.4	21.0	31.4



#79
 Terphenyl-d14
 Concen: 66.320 ng
 RT: 20.11 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: BG039887.D
 Acq: 12 Mar 2019 23:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.3	10.9
122	9.6	8.4	12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG039887.D
Acq: 12 Mar 2019 23:31

Instrument :
BNA_G
ClientSampleId :
TP-27

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.2	27.4
265	20.6	18.5	27.7

