

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
 Data File : BG039814.D
 Acq On : 7 Mar 2019 22:43
 Operator : JU/SJ
 Sample : K1760-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z2-9

Quant Time: Mar 08 01:45:57 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	45720	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	196653	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	138928	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	348855	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	365572	20.00	ng	-0.02
87) Perylene-d12	25.18	264	352935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	352011	131.35	ng	-0.01
7) Phenol-d6	7.30	99	467552	117.01	ng	-0.01
23) Nitrobenzene-d5	9.33	82	345378	94.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	205805	127.09	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	855141	87.64	ng	-0.01
79) Terphenyl-d14	20.12	244	1443288	86.93	ng	0.00

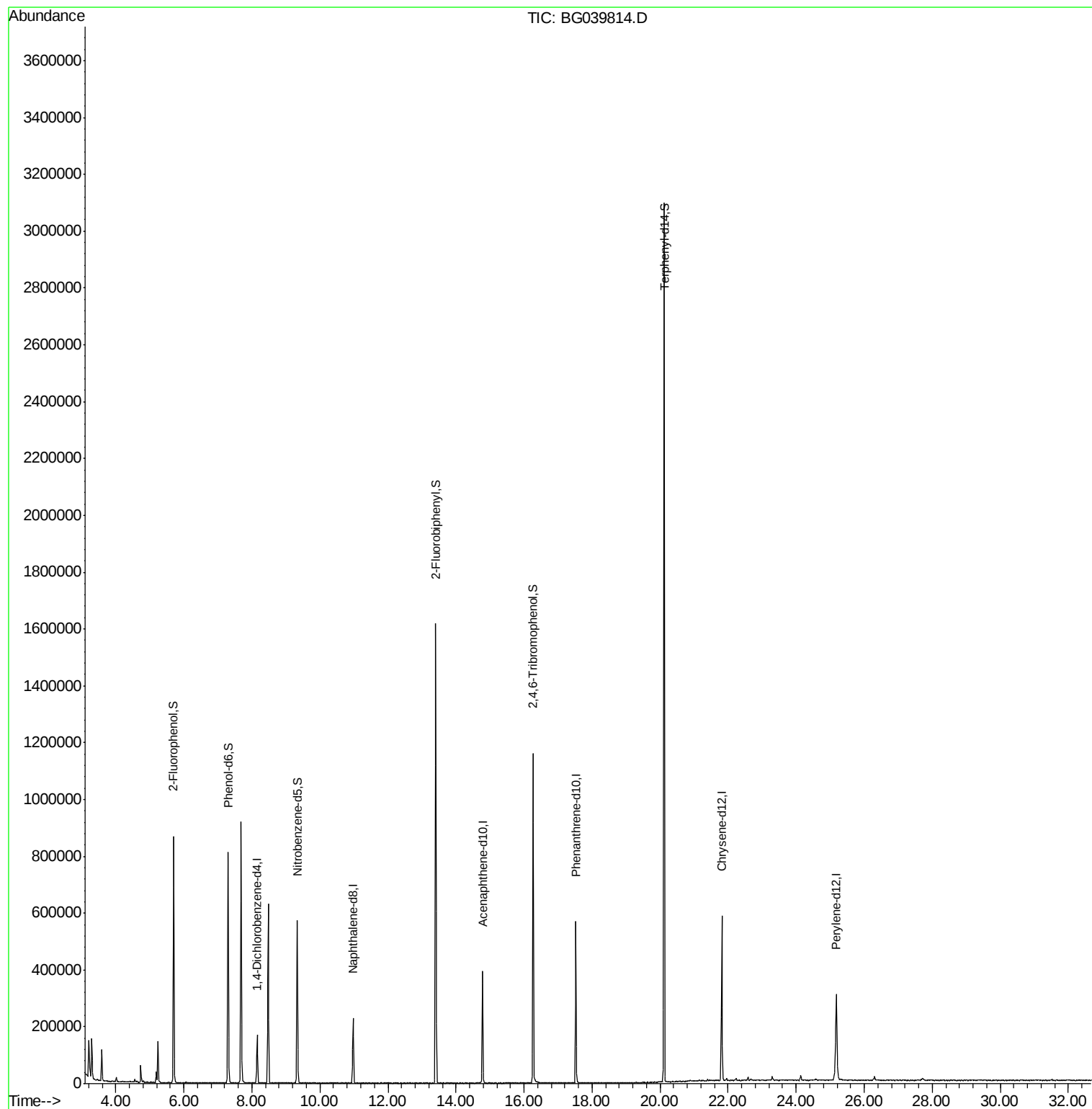
Target Compounds Qvalue

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

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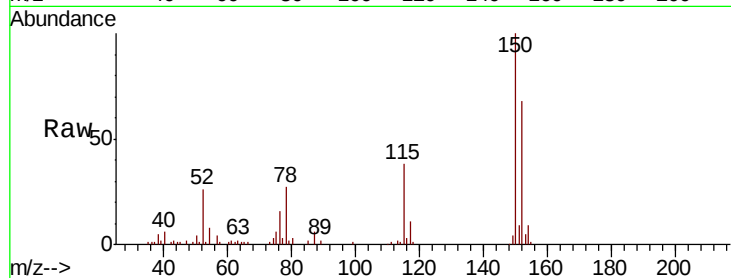


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039814.D
Acq: 7 Mar 2019 22:43

Instrument :
BNA_G
ClientSampleId :
Z2-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	123.7	185.5
115	55.3	45.9	68.9

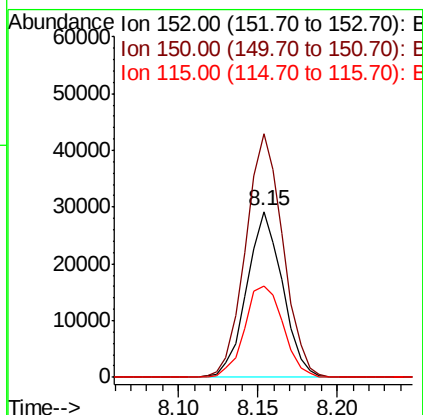
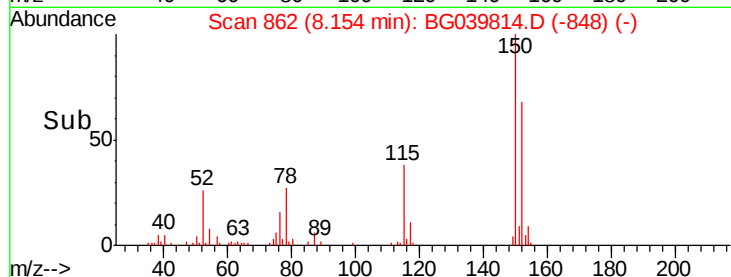


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

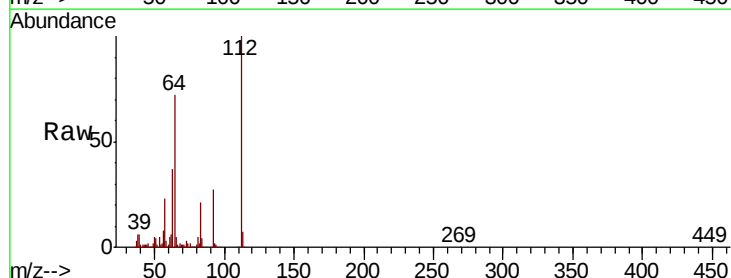
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.350 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039814.D
Acq: 7 Mar 2019 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.8	86.8
63	36.8	29.8	44.6

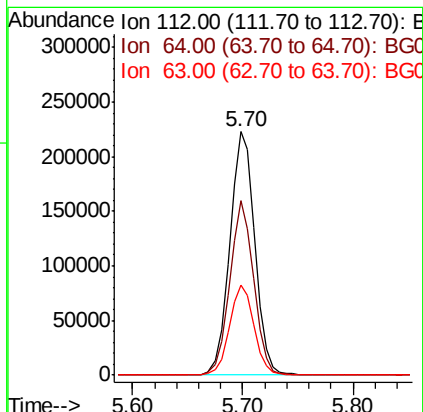
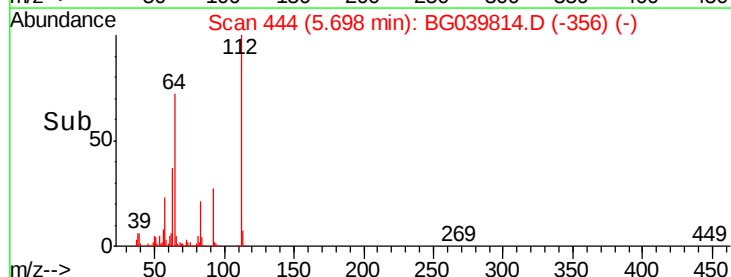


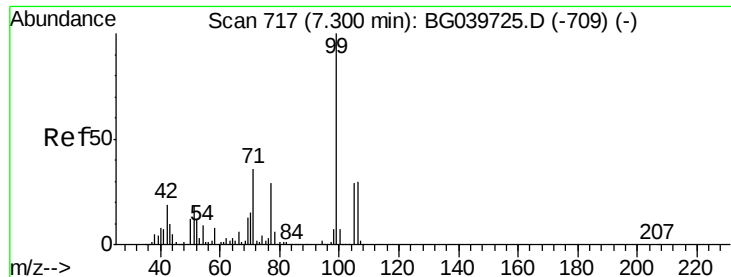
Abundance

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: 117.007 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039814.D

Acq: 7 Mar 2019 22:43

Instrument :

BNA_G

ClientSampleId :

Z2-9

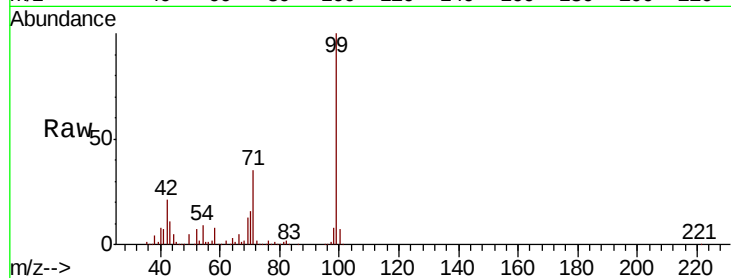
Tot Ion: 99 Resp: 467552

Ion Ratio Lower Upper

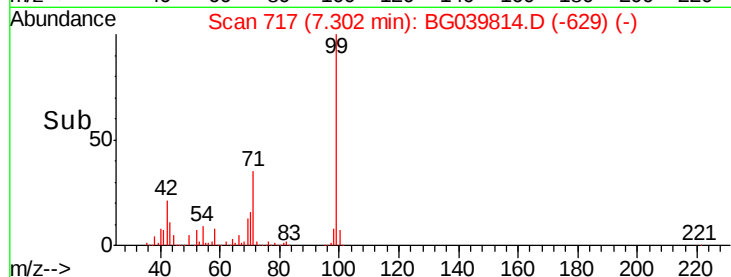
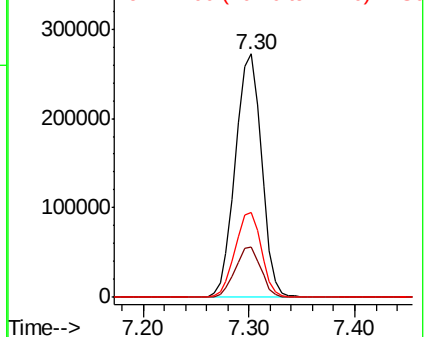
99 100

42 20.7 18.2 27.2

71 34.9 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: BG039814.D

Acq: 7 Mar 2019 22:43

Tgt Ion: 136 Resp: 196653

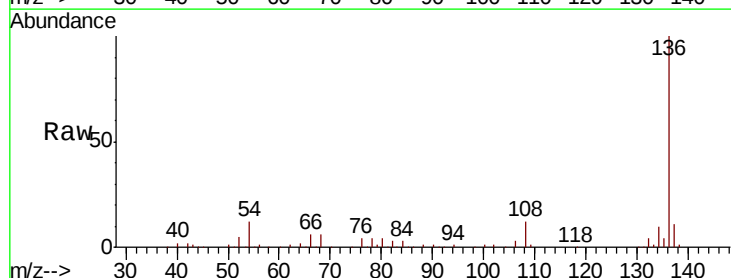
Ion Ratio Lower Upper

136 100

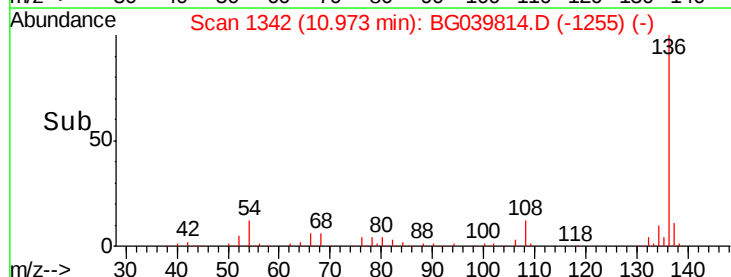
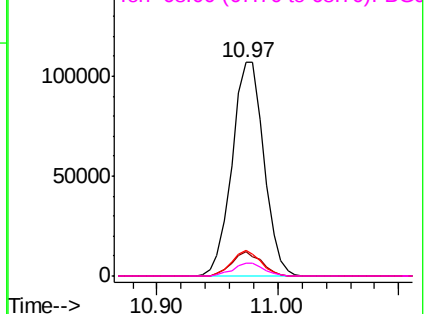
137 11.2 9.1 13.7

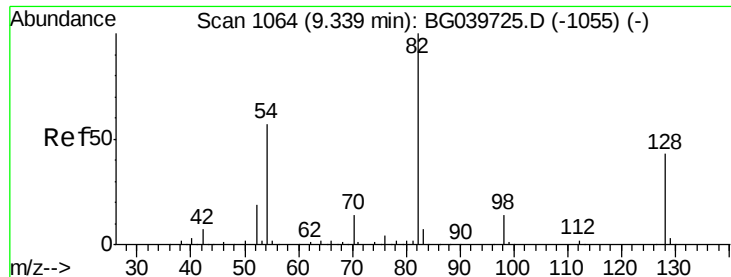
54 12.0 9.4 14.2

68 6.3 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

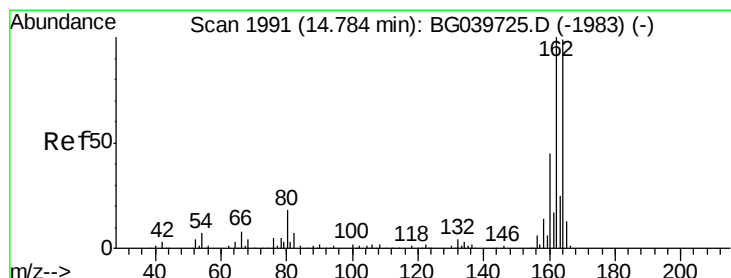
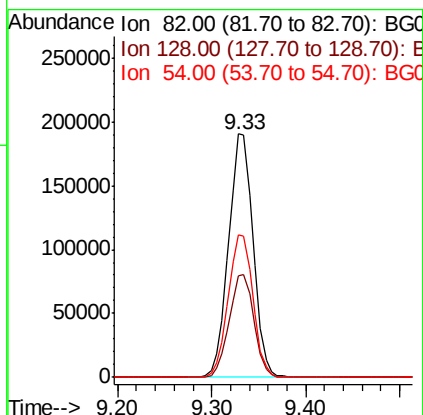
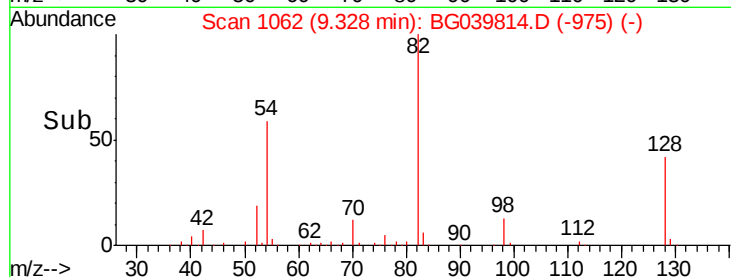
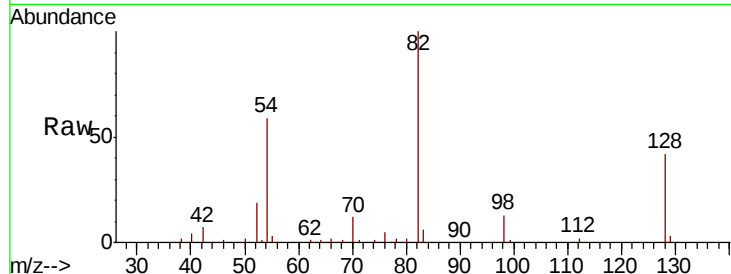




#23
 Nitrobenzene-d5
 Concen: 94.987 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039814.D
 Acq: 7 Mar 2019 22:43

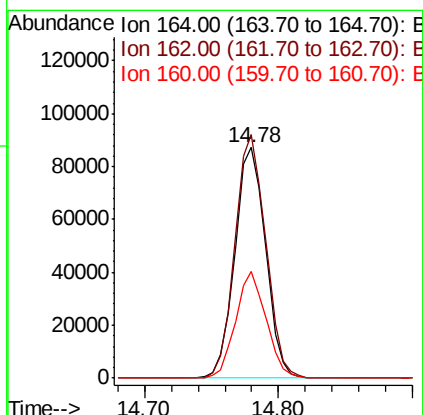
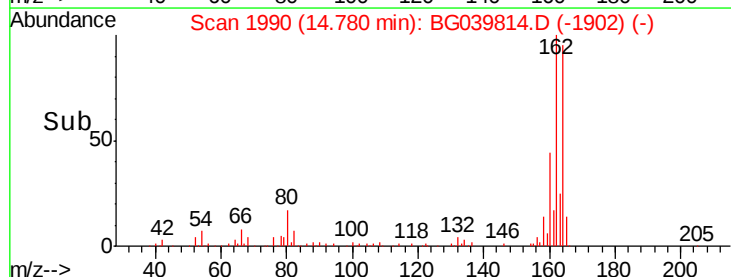
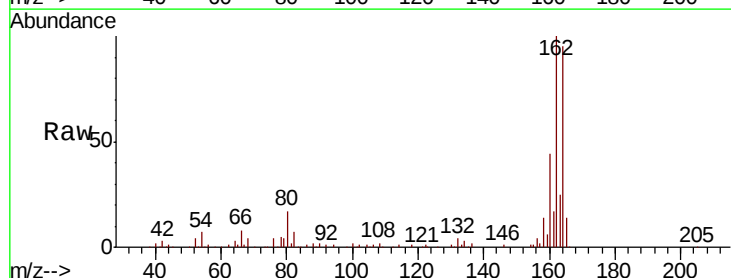
Instrument :
 BNA_G
 ClientSampleId :
 Z2-9

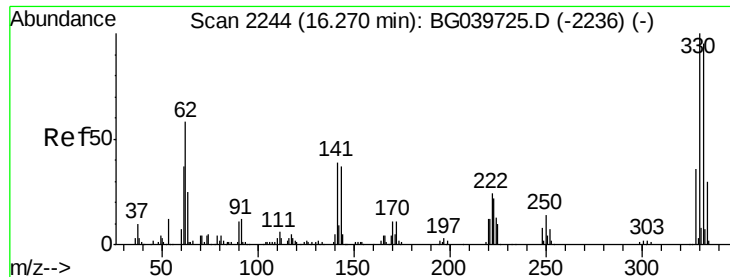
Tot Ion: 82 Resp: 345378
 Ion Ratio Lower Upper
 82 100
 128 41.7 31.3 46.9
 54 58.6 50.9 76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BG039814.D
 Acq: 7 Mar 2019 22:43

Tgt Ion:164 Resp: 138928
 Ion Ratio Lower Upper
 164 100
 162 105.8 81.6 122.4
 160 46.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 127.094 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039814.D

Acq: 7 Mar 2019 22:43

Instrument :

BNA_G

ClientSampleId :

Z2-9

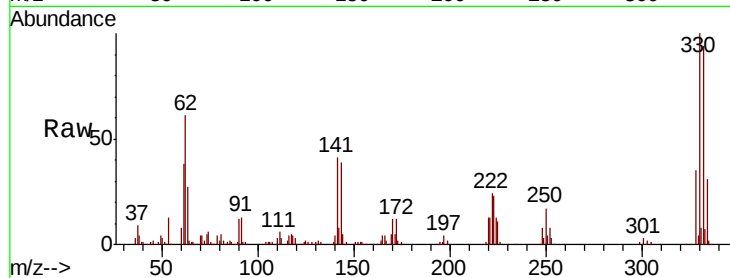
Tot Ion:330 Resp: 205805

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

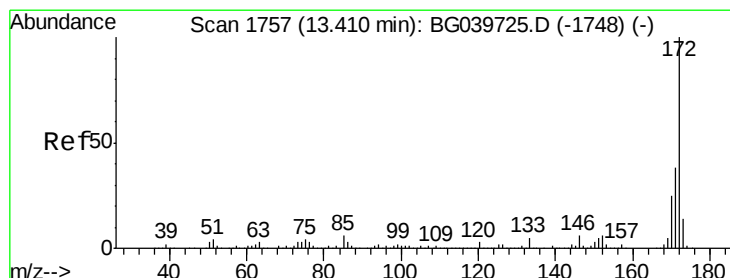
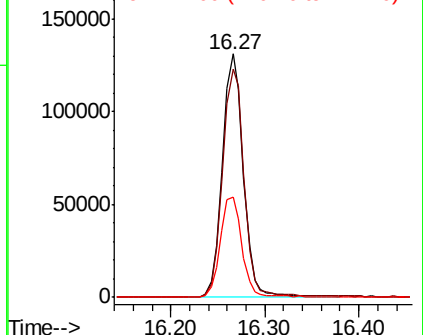
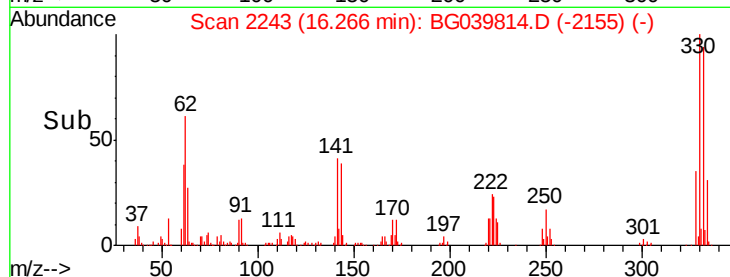
141 42.5 35.6 53.4



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: 87.641 ng

RT: 13.41 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG039814.D

Acq: 7 Mar 2019 22:43

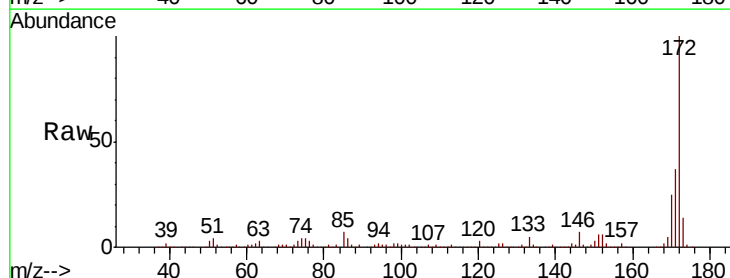
Tgt Ion:172 Resp: 855141

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

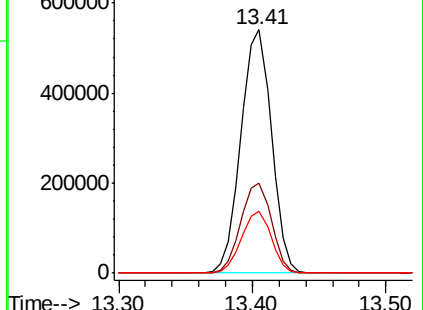
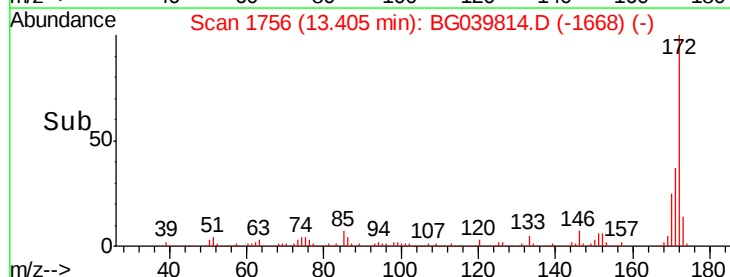
170 25.4 20.2 30.4

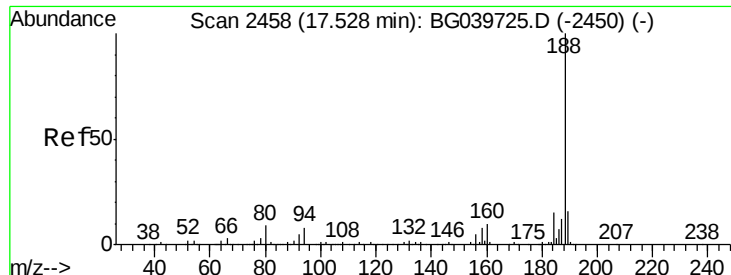


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

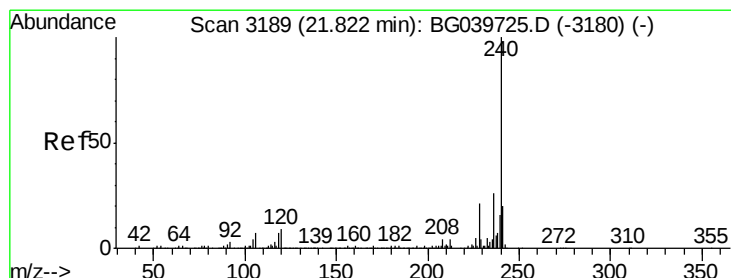
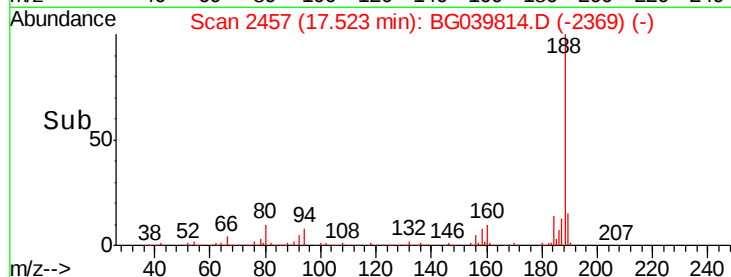
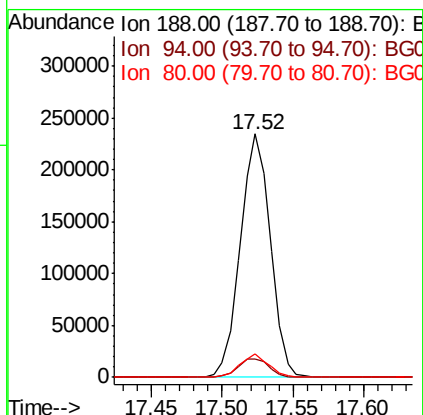
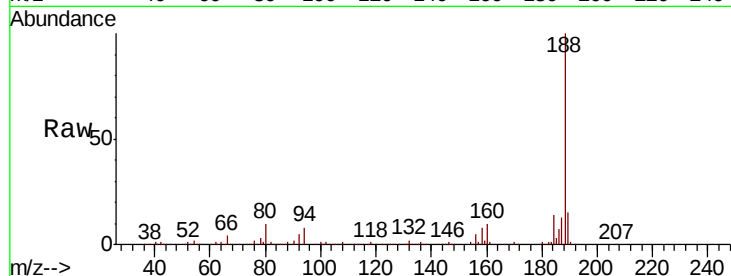




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039814.D
Acq: 7 Mar 2019 22:43

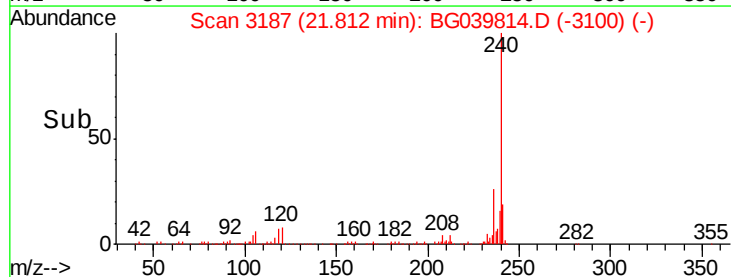
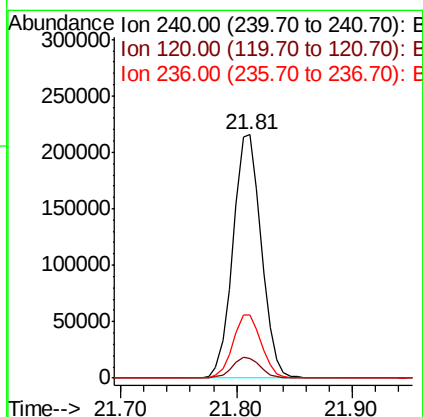
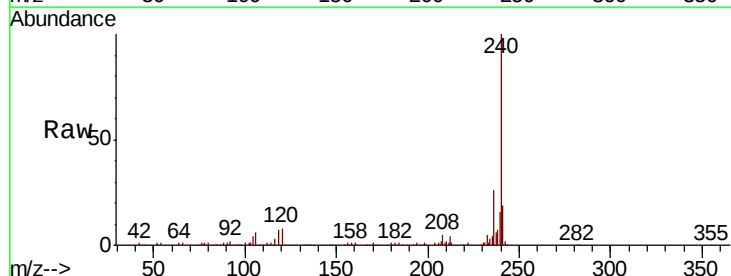
Instrument :
BNA_G
ClientSampleId :
Z2-9

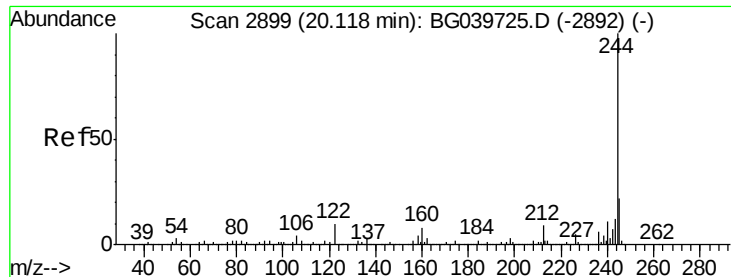
Tot Ion:188 Resp: 348855
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.6 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039814.D
Acq: 7 Mar 2019 22:43

Tgt Ion:240 Resp: 365572
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 86.928 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039814.D

Acq: 7 Mar 2019 22:43

Instrument :

BNA_G

ClientSampleId :

Z2-9

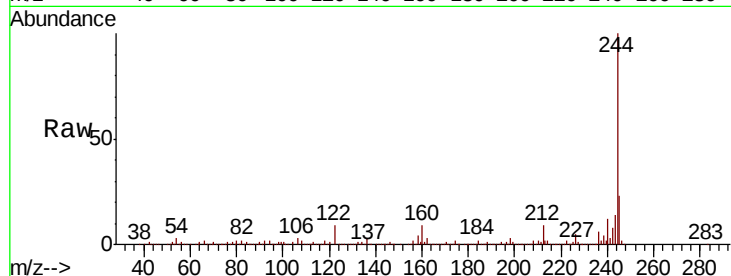
Tot Ion:244 Resp: 1443288

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.4	8.4	12.6

244 100

212 9.4 7.3 10.9

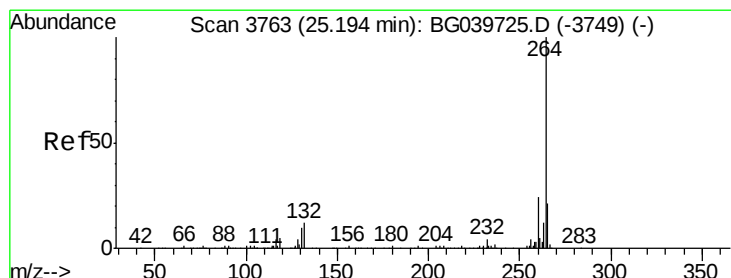
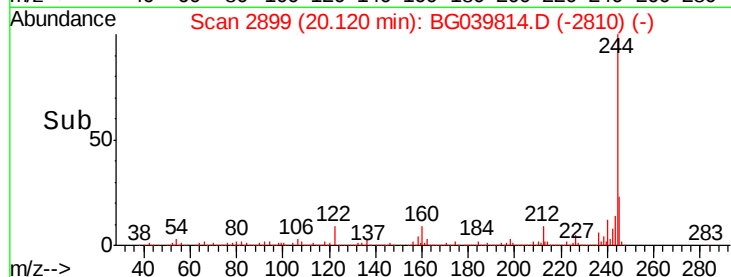
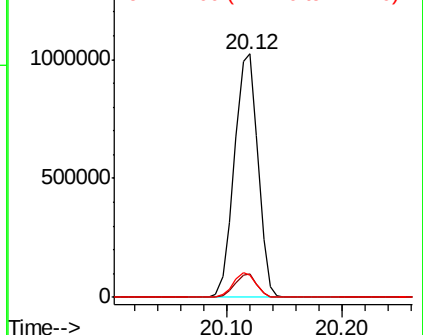
122 9.4 8.4 12.6



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# 3760

Delta R.T. -0.02 min

Lab File: BG039814.D

Acq: 7 Mar 2019 22:43

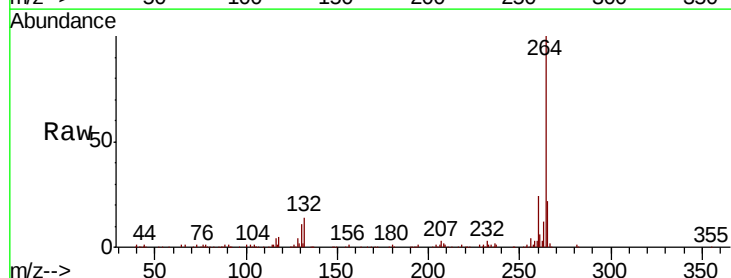
Tgt Ion:264 Resp: 352935

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.9	18.5	27.7

264 100

260 24.2 18.2 27.4

265 21.9 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

