

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040082.D
 Acq On : 22 Mar 2019 14:14
 Operator : JU/SJ
 Sample : PB118167BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BL

Quant Time: Mar 23 02:15:50 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	62209	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	254733	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	160023	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	364455	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	318908	20.00	ng	-0.03
87) Perylene-d12	25.17	264	316079	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	449074	123.15	ng	-0.02
7) Phenol-d6	7.30	99	613476	112.83	ng	-0.02
23) Nitrobenzene-d5	9.32	82	371125	78.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	207441	111.22	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	872969	77.67	ng	-0.02
79) Terphenyl-d14	20.11	244	1151504	79.50	ng	-0.02

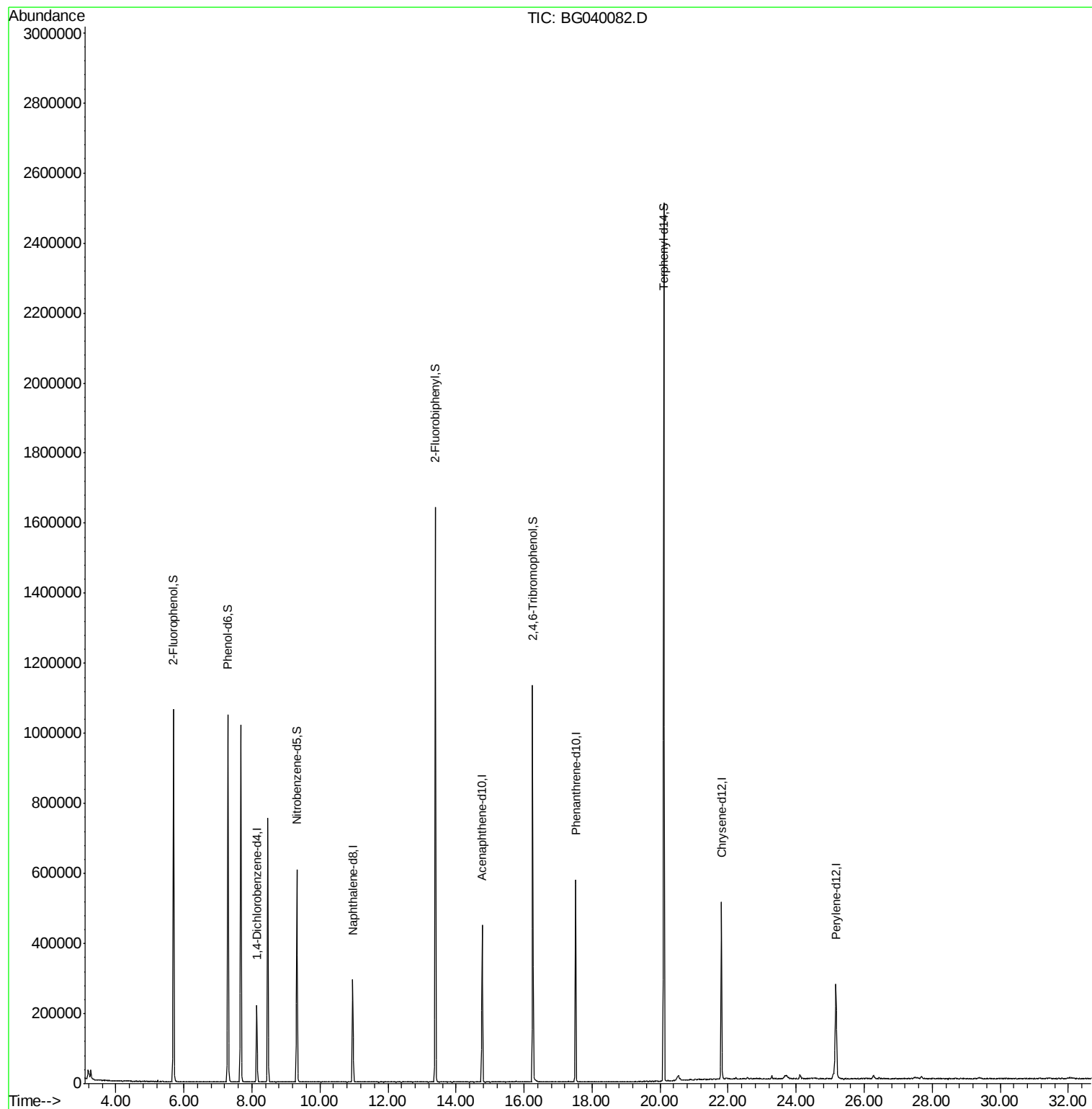
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

PB118167BL

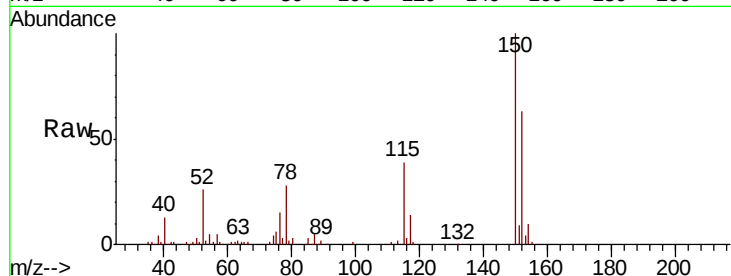
Tot Ion:152 Resp: 62209

Ion Ratio Lower Upper

152 100

150 160.0 123.7 185.5

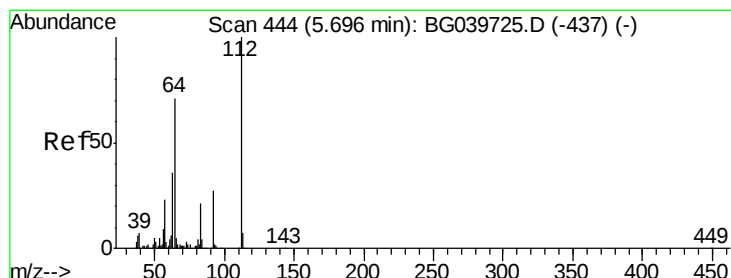
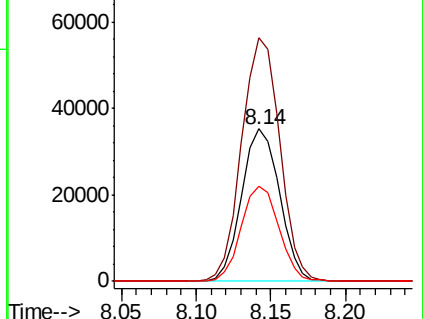
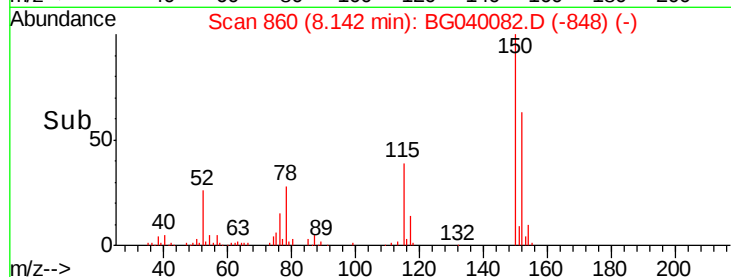
115 62.8 45.9 68.9



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: 123.153 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

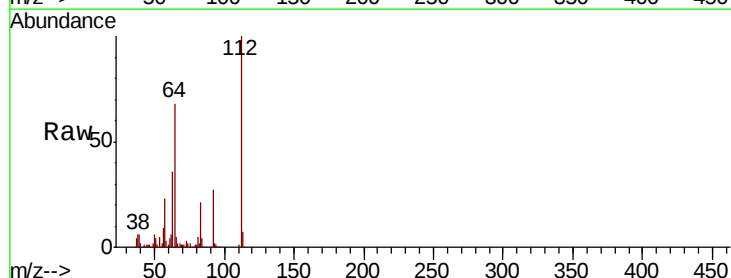
Tgt Ion:112 Resp: 449074

Ion Ratio Lower Upper

112 100

64 67.9 57.8 86.8

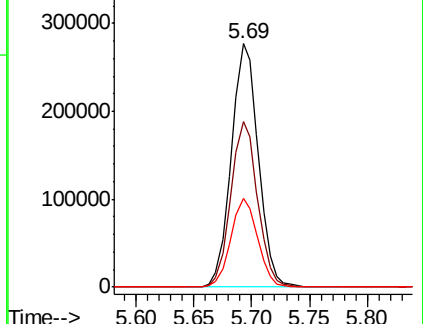
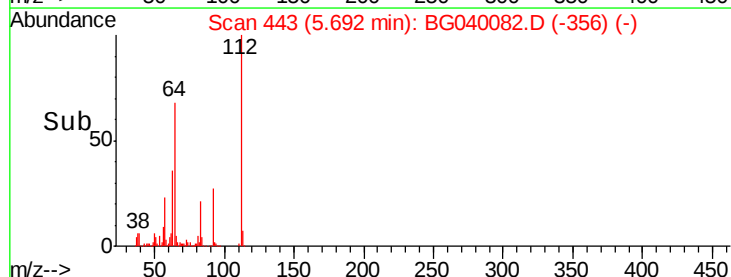
63 36.4 29.8 44.6



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: 112.832 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

PB118167BL

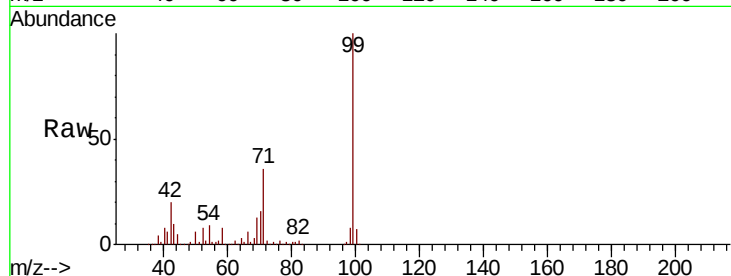
Tot Ion: 99 Resp: 613476

Ion Ratio Lower Upper

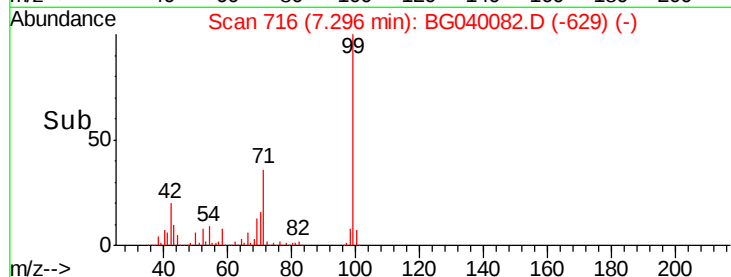
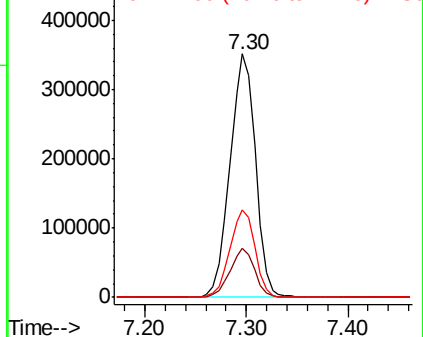
99 100

42 20.1 18.2 27.2

71 35.7 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: 10.96 min Scan# 1340

Delta R.T. -0.03 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Tgt Ion: 136 Resp: 254733

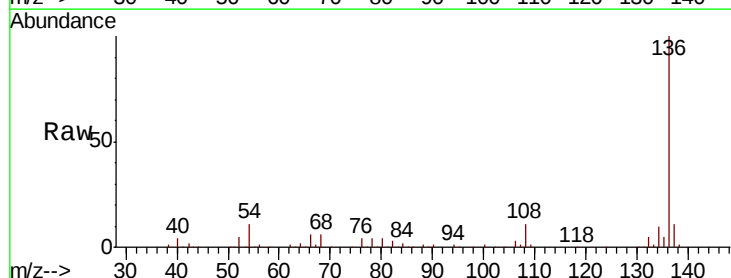
Ion Ratio Lower Upper

136 100

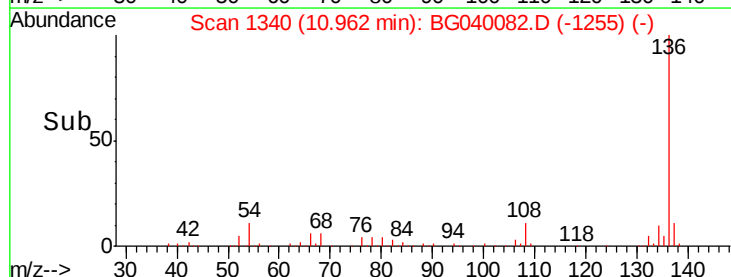
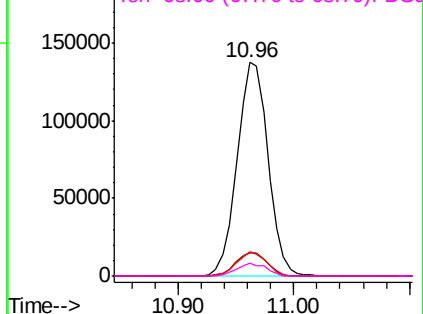
137 10.8 9.1 13.7

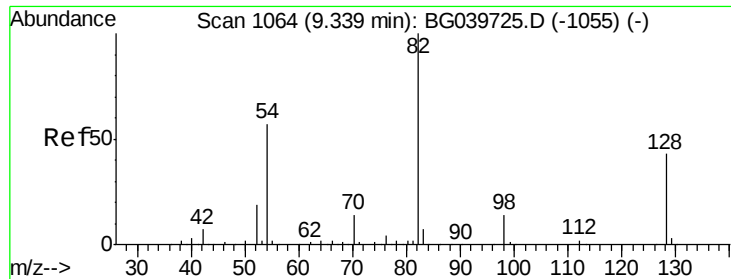
54 11.1 9.4 14.2

68 5.7 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

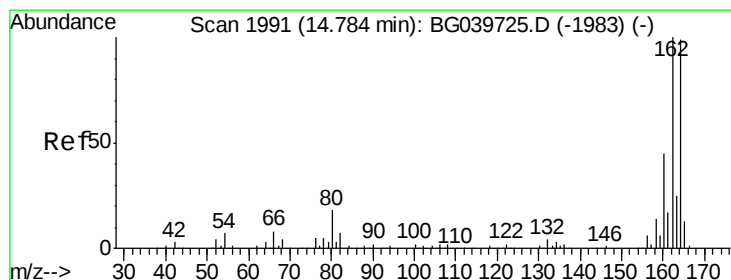
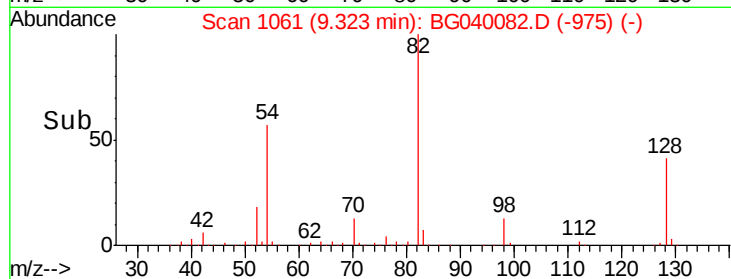
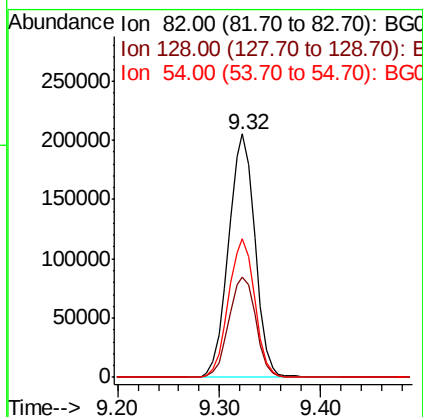
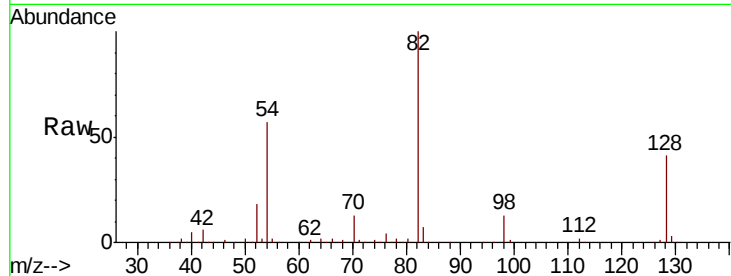




#23
 Nitrobenzene-d5
 Concen: 78.796 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

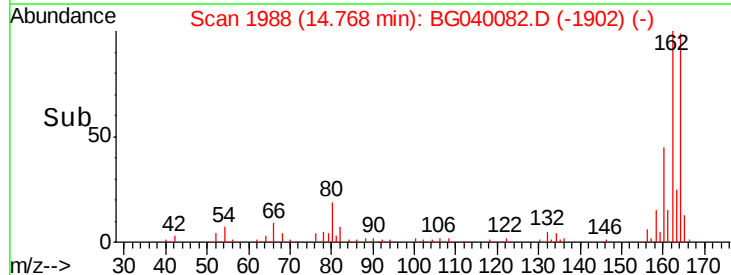
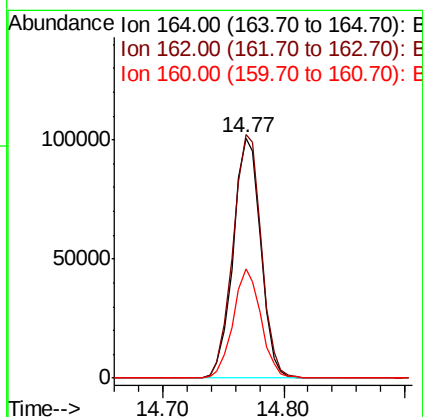
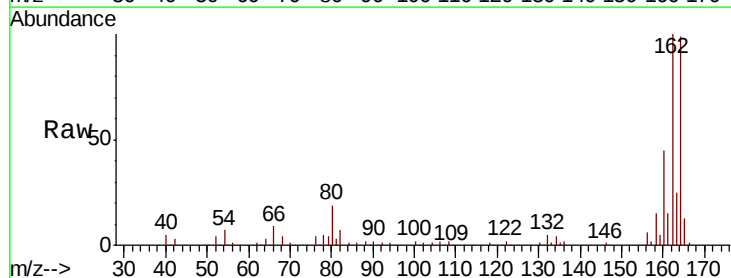
Instrument :
 BNA_G
 ClientSampleID :
 PB118167BL

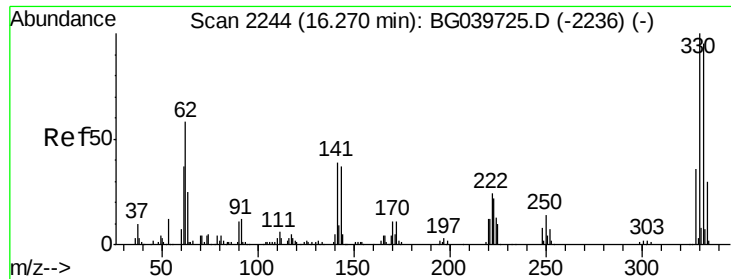
Tot Ion	82.00	Resp	371125
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.3	46.9
54	57.1	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

Tgt Ion	164.00	Resp	160023
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.6	122.4
160	45.4	34.2	51.2

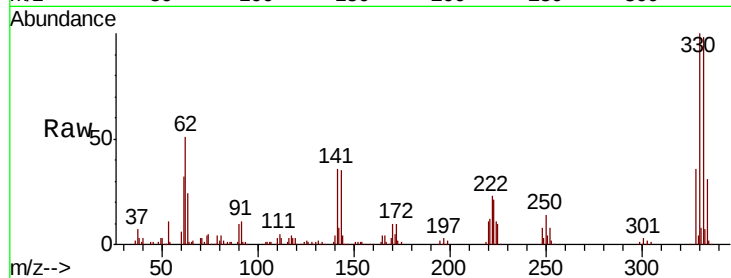




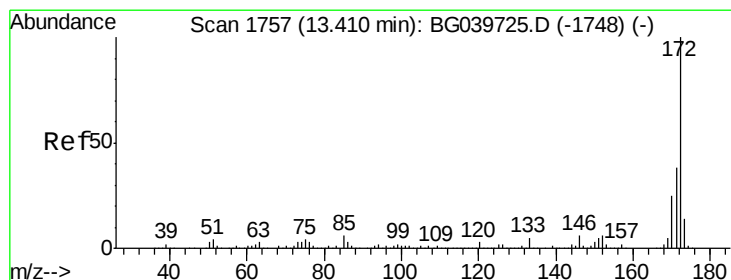
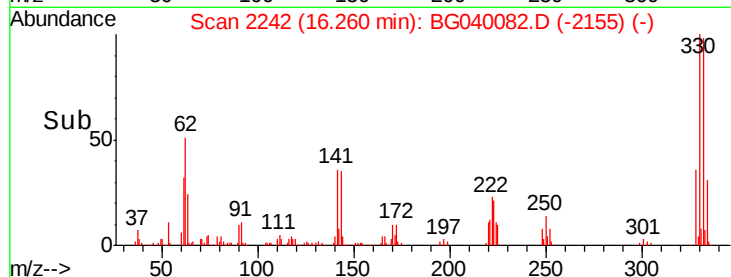
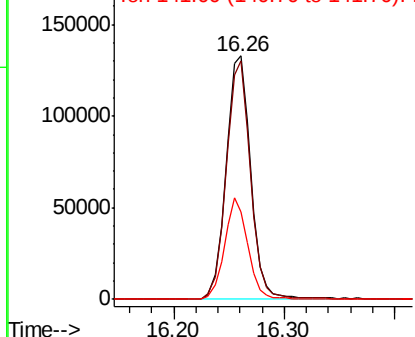
#42
 2,4,6-Tribromophenol
 Concen: 111.217 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118167BL

Tot Ion:330 Resp: 207441
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 39.4 35.6 53.4

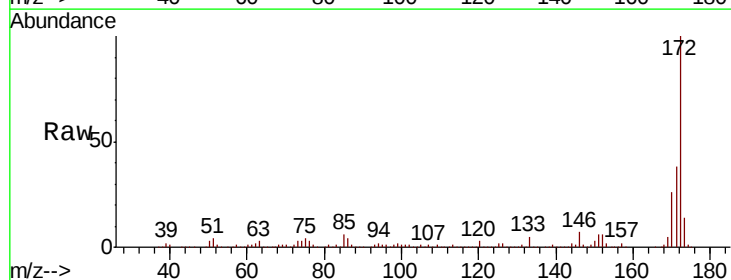


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

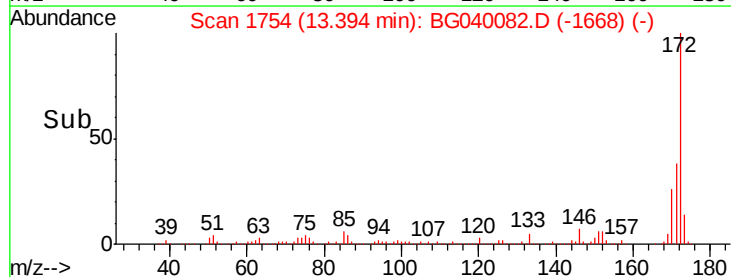
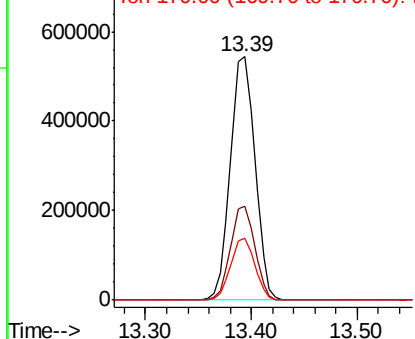


#45
 2-Fluorobiphenyl
 Concen: 77.674 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040082.D
 Acq: 22 Mar 2019 14:14

Tgt Ion:172 Resp: 872969
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.8 46.2
 170 25.6 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# 2456

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

BNA_G

ClientSampleId :

PB118167BL

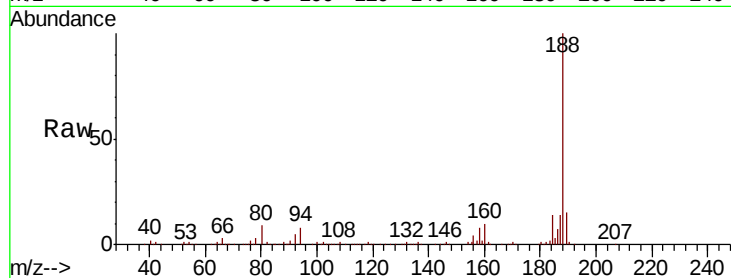
Tot Ion:188 Resp: 364455

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

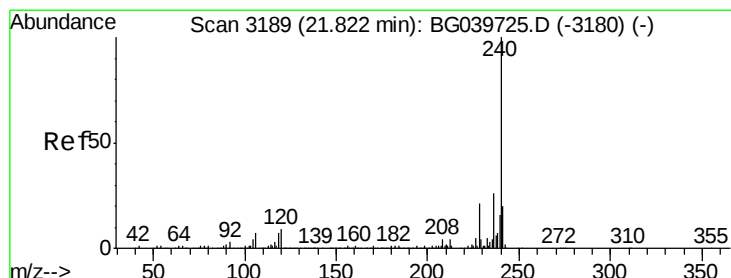
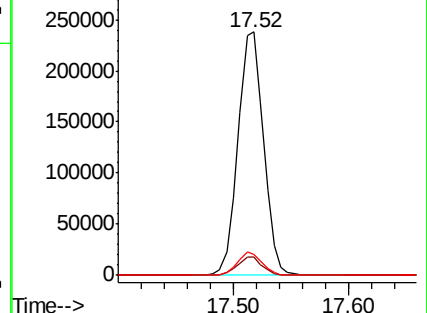
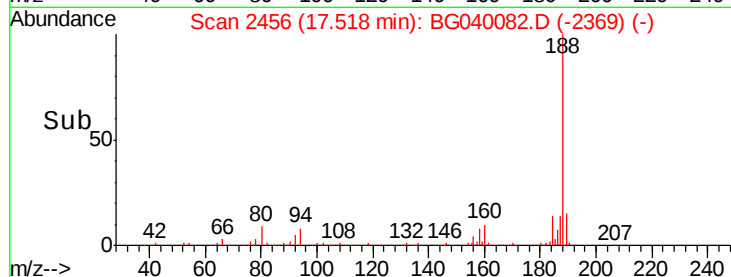
80 8.5 8.1 12.1



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# 3185

Delta R.T. -0.03 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

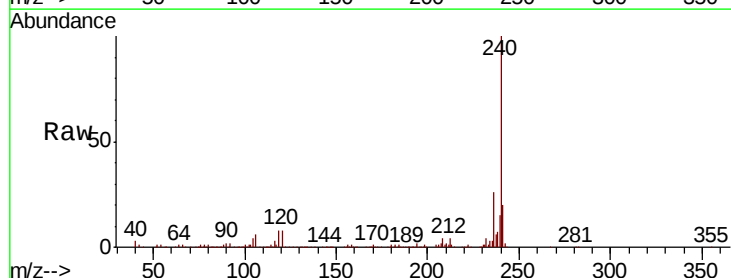
Tgt Ion:240 Resp: 318908

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

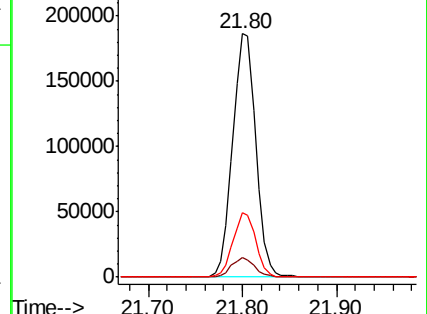
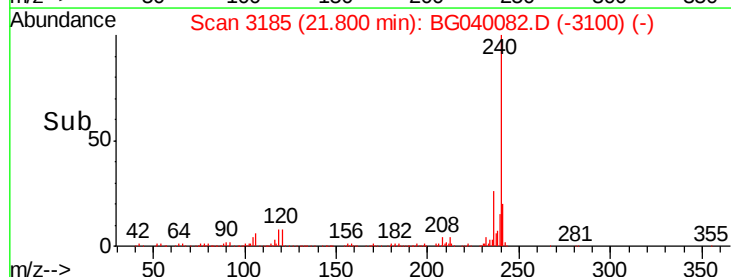
236 26.2 21.0 31.4

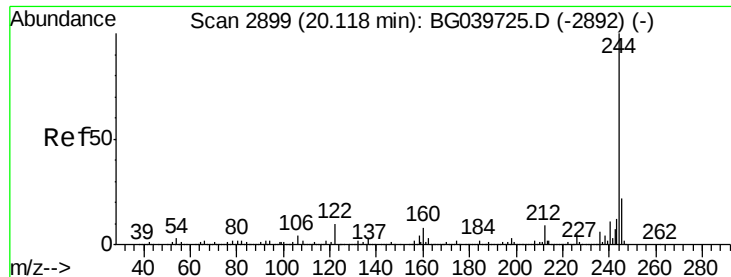


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.502 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

Instrument :

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PB118167BL

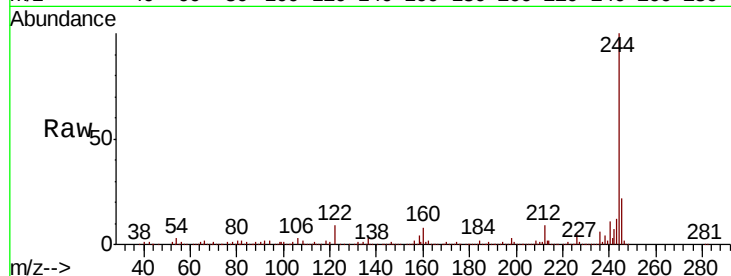
Tot Ion:244 Resp: 1151504

Ion Ratio Lower Upper

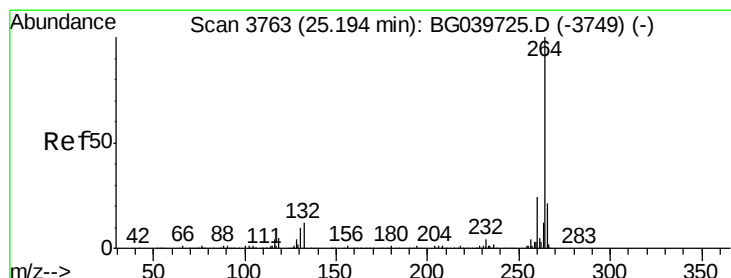
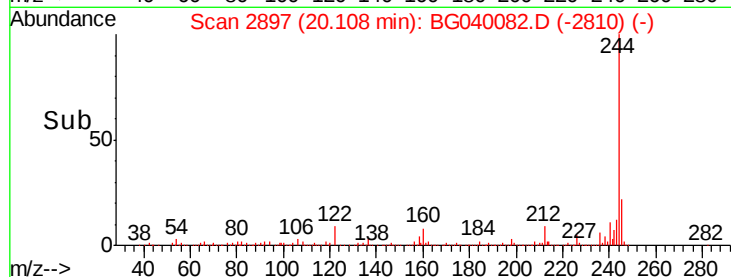
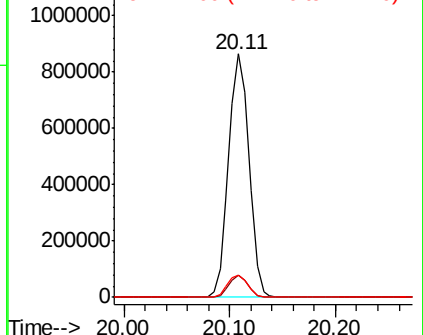
244 100

212 9.0 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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG040082.D

Acq: 22 Mar 2019 14:14

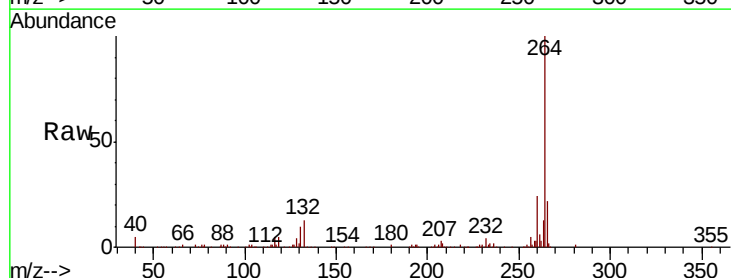
Tgt Ion:264 Resp: 316079

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 22.1 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

