

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039979.D
 Acq On : 18 Mar 2019 21:15
 Operator : JU/SJ
 Sample : K1903-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Mar 19 08:08:13 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	43120	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	177192	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	115548	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	253338	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	254907	20.00	ng	-0.03
87) Perylene-d12	25.17	264	260935	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	155650	61.58	ng	-0.02
7) Phenol-d6	7.28	99	139499	37.02	ng	-0.03
23) Nitrobenzene-d5	9.32	82	332238	101.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	185207	137.52	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	788133	97.12	ng	-0.02
79) Terphenyl-d14	20.11	244	1071429	92.55	ng	-0.02

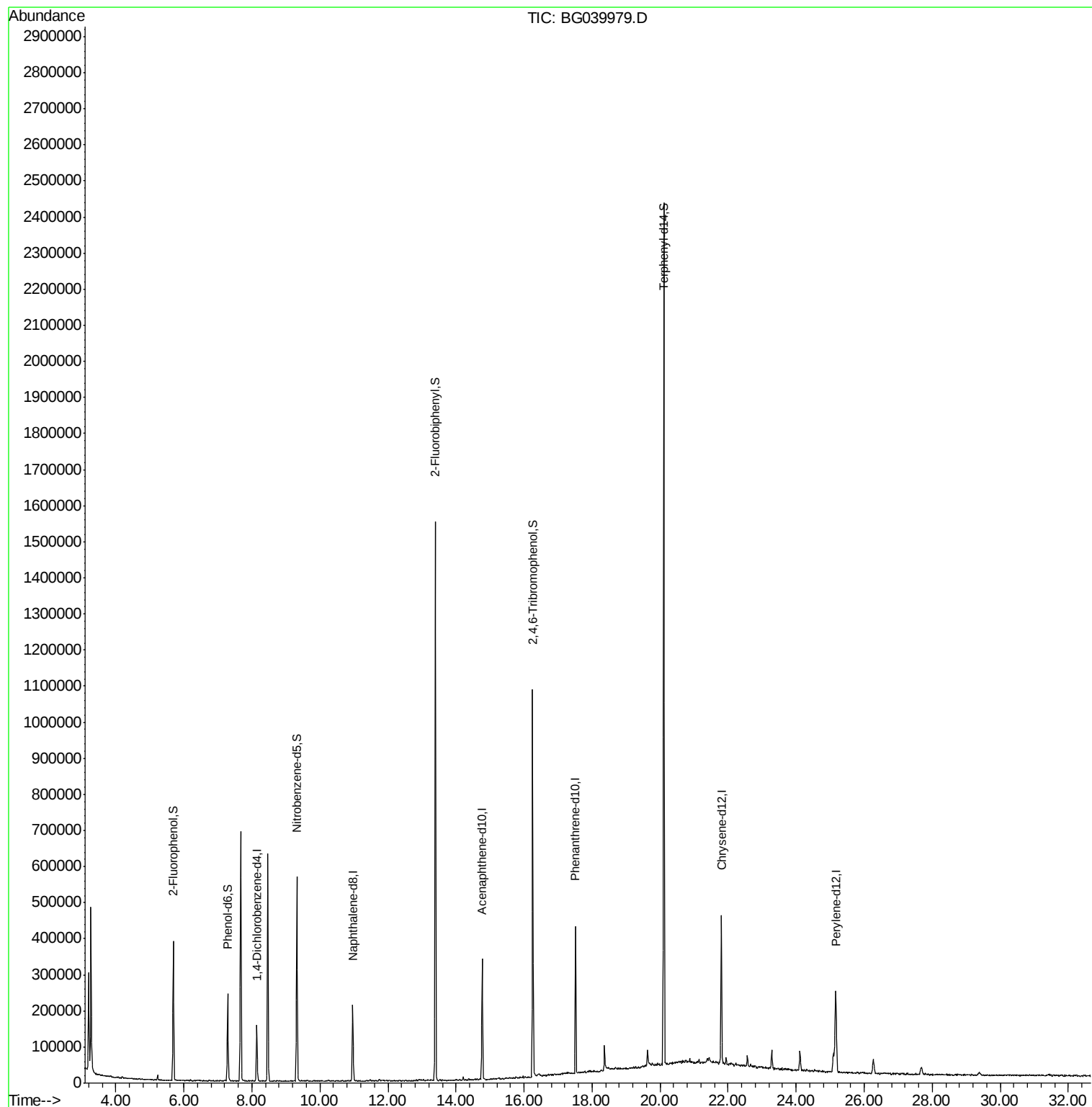
Target Compounds Qvalue

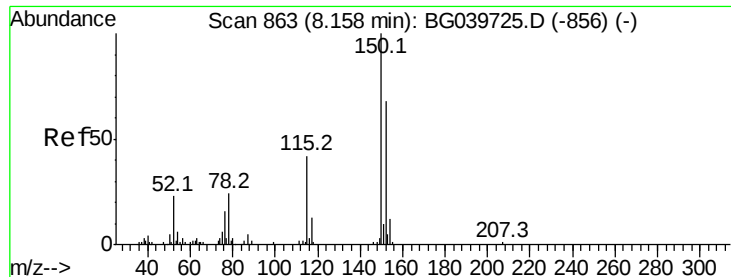
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 04 14:38:15 2019
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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: BG039979.D

Acq: 18 Mar 2019 21:15

Instrument :

BNA_G

ClientSampled :

TW-1

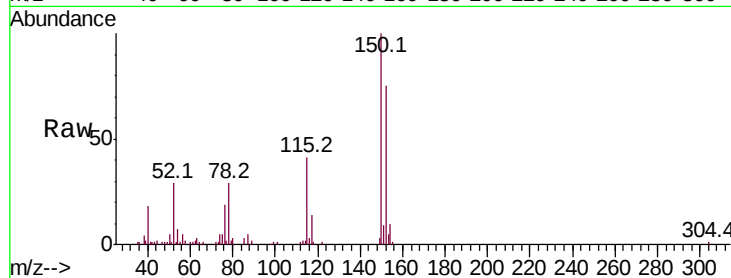
Tot Ion:152 Resp: 43120

Ion Ratio Lower Upper

152 100

150 133.8 123.7 185.5

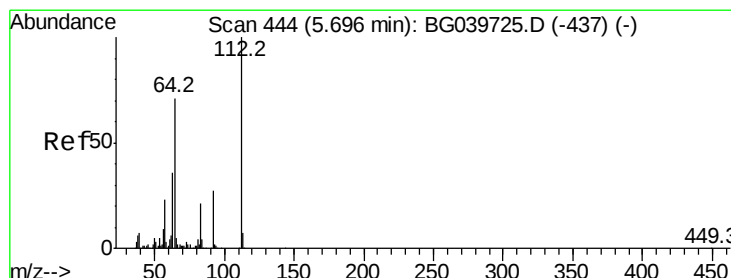
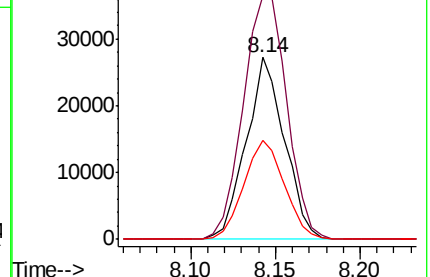
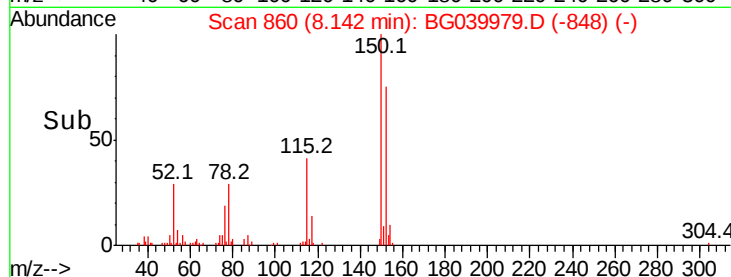
115 54.3 45.9 68.9



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: 61.582 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG039979.D

Acq: 18 Mar 2019 21:15

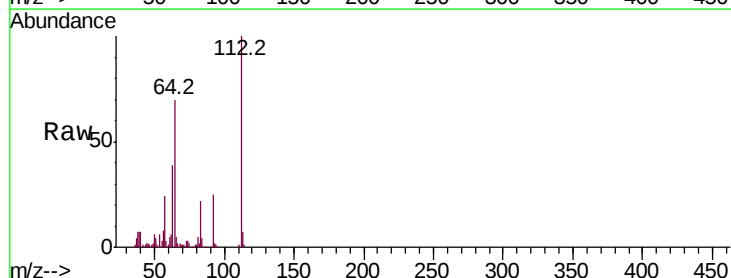
Tgt Ion:112 Resp: 155650

Ion Ratio Lower Upper

112 100

64 69.6 57.8 86.8

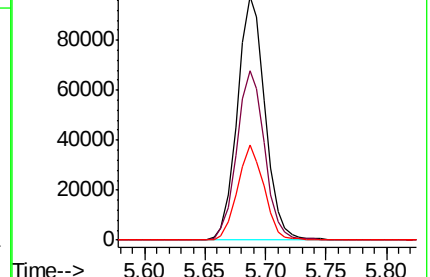
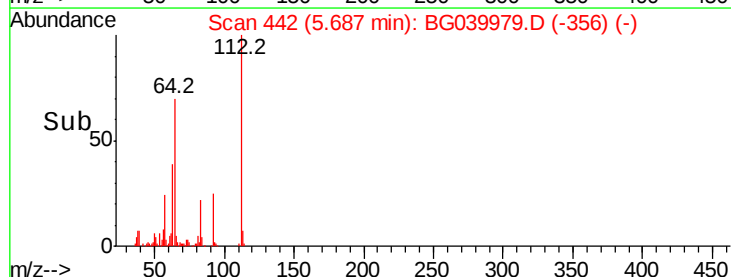
63 39.1 29.8 44.6

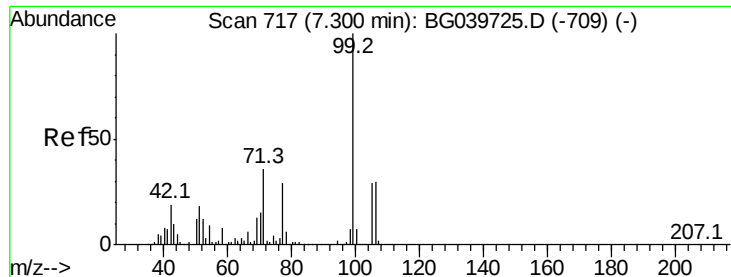


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.015 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG039979.D

Acq: 18 Mar 2019 21:15

Instrument :

BNA_G

ClientSampleId :

TW-1

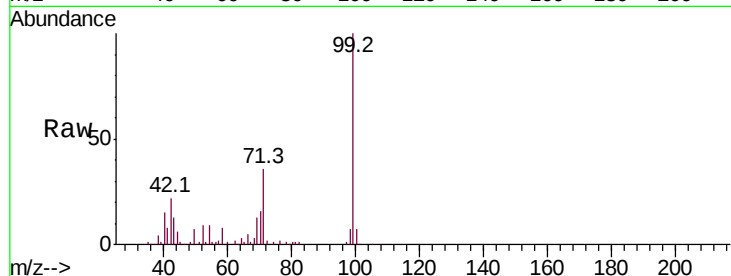
Tot Ion: 99 Resp: 139499

Ion Ratio Lower Upper

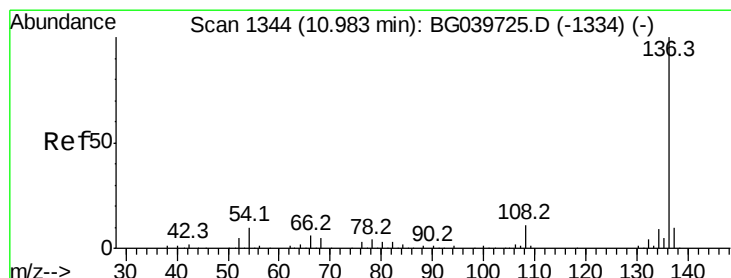
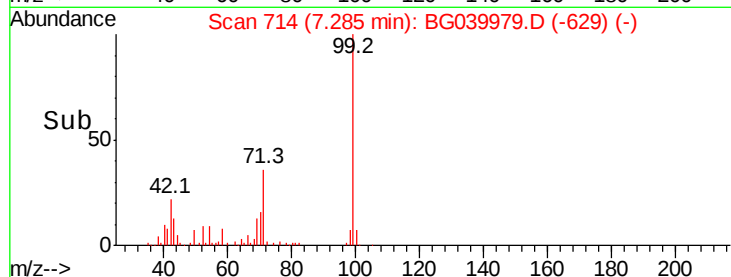
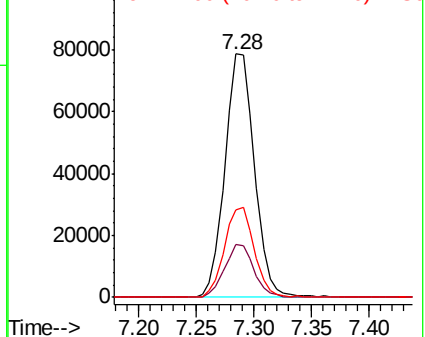
99 100

42 21.9 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: BG039979.D

Acq: 18 Mar 2019 21:15

Tgt Ion: 136 Resp: 177192

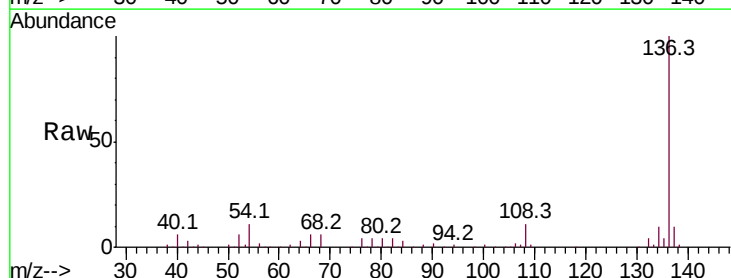
Ion Ratio Lower Upper

136 100

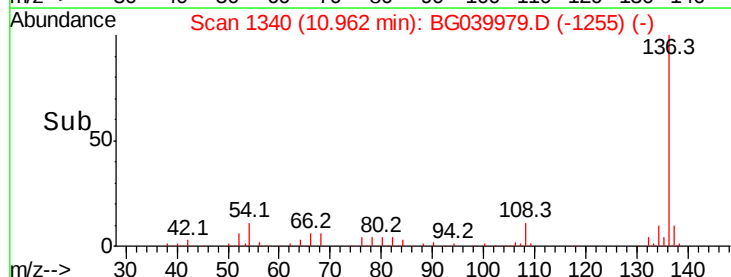
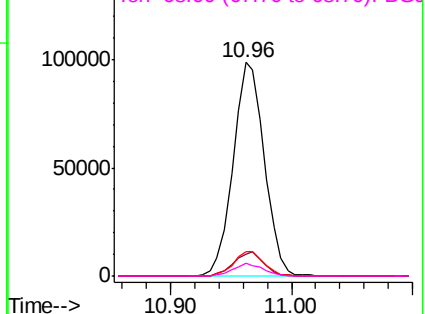
137 10.2 9.1 13.7

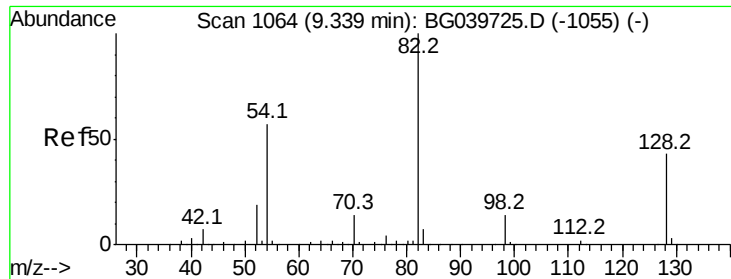
54 11.2 9.4 14.2

68 5.9 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

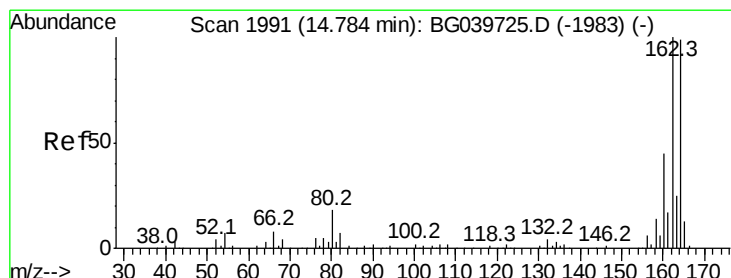
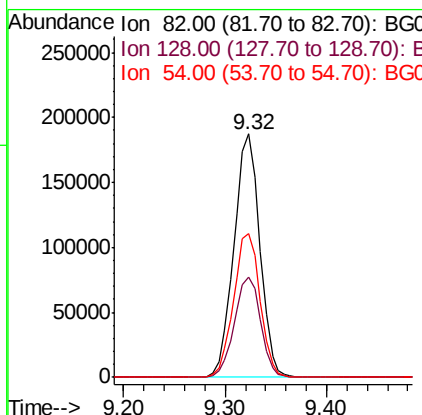
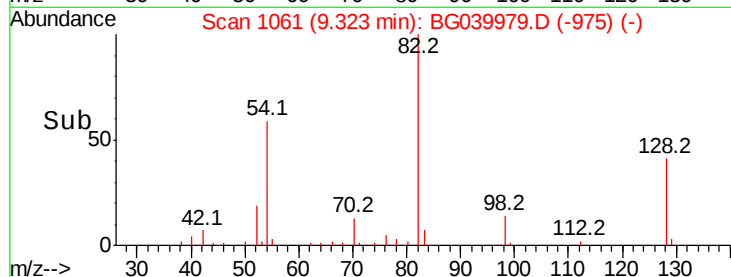
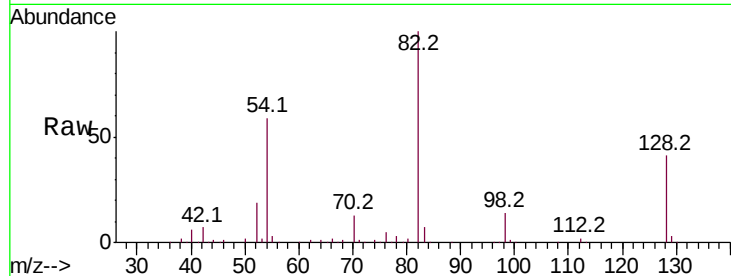




#23
Nitrobenzene-d5
Concen: 101.408 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039979.D
Acq: 18 Mar 2019 21:15

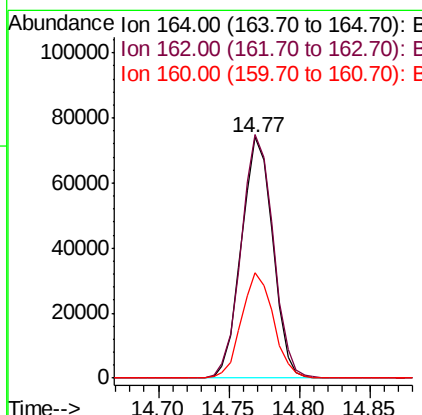
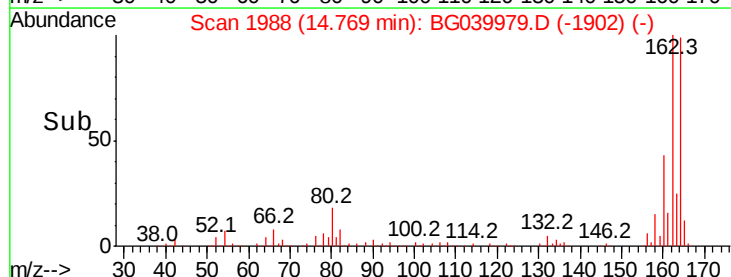
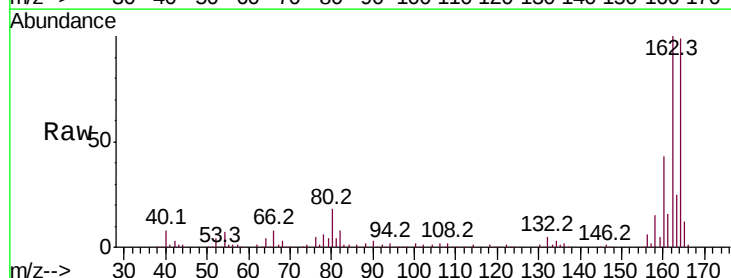
Instrument :
BNA_G
ClientSampleId :
TW-1

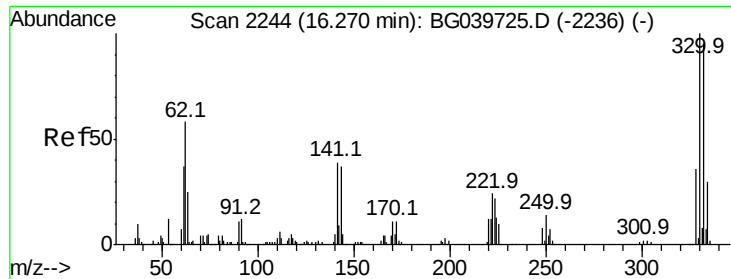
Tot Ion: 82 Resp: 332238
Ion Ratio Lower Upper
82 100
128 41.4 31.3 46.9
54 59.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG039979.D
Acq: 18 Mar 2019 21:15

Tgt Ion:164 Resp: 115548
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 44.0 34.2 51.2

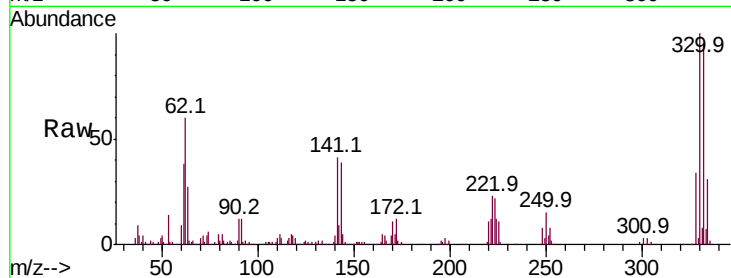




#42
 2,4,6-Tribromophenol
 Concen: 137.517 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039979.D
 Acq: 18 Mar 2019 21:15

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.7	113.5
141	44.4	35.6	53.4

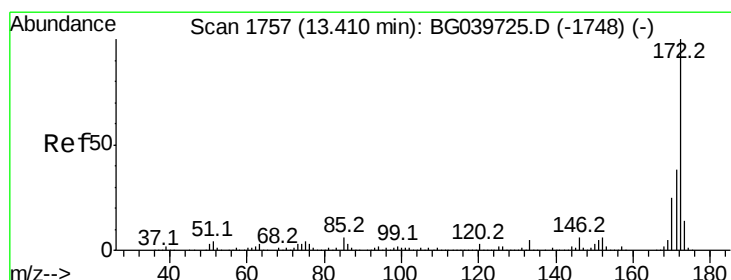
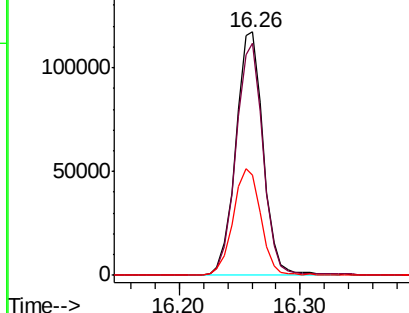
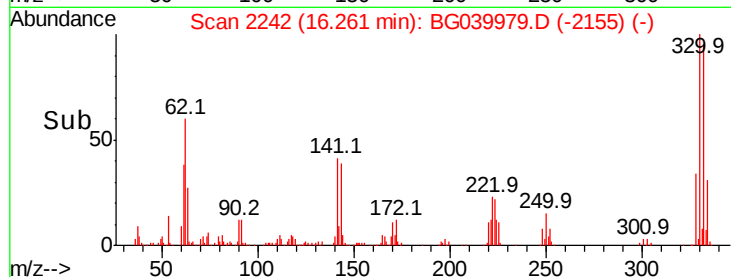


Abundance

Ion 329.80 (329.50 to 330.50): E

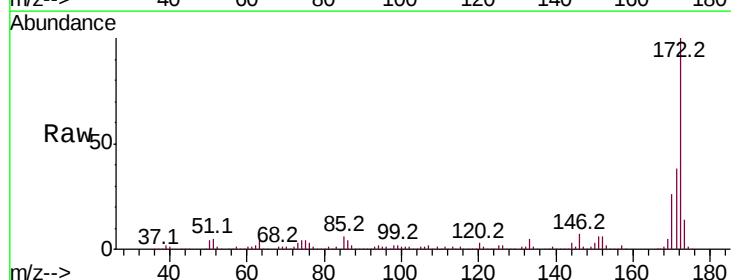
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.117 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039979.D
 Acq: 18 Mar 2019 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.8	20.2	30.4

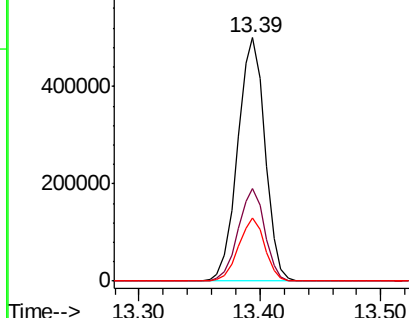
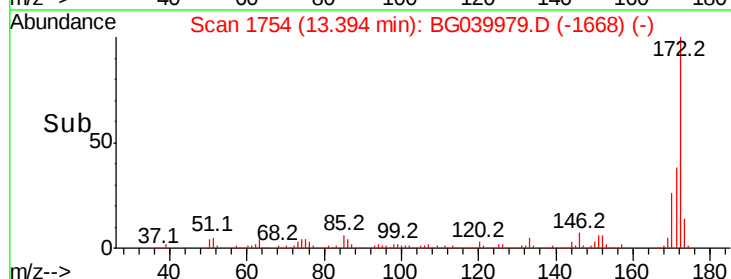


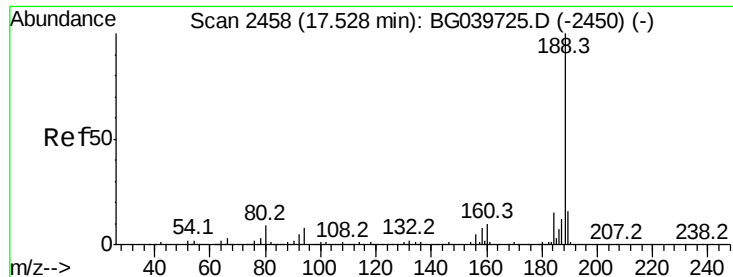
Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG039979.D

Acq: 18 Mar 2019 21:15

Instrument :

BNA_G

ClientSampleId :

TW-1

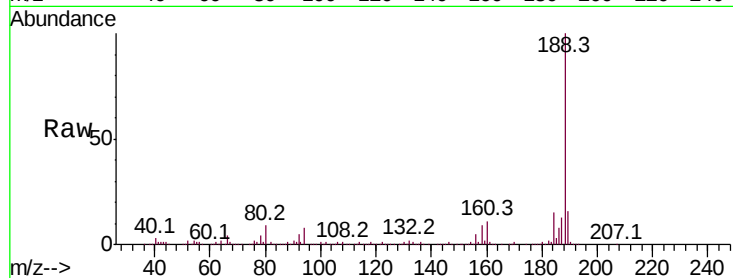
Tot Ion:188 Resp: 253338

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

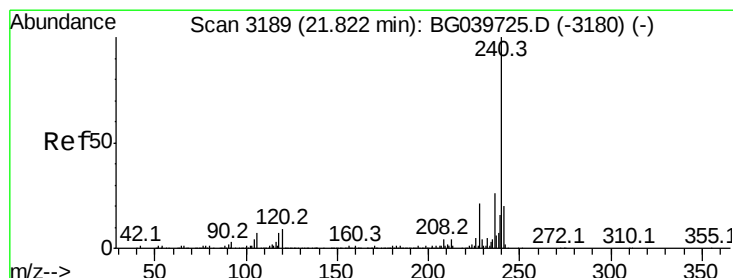
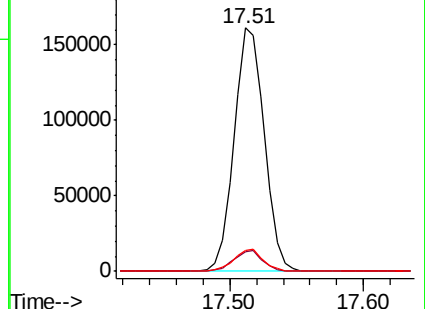
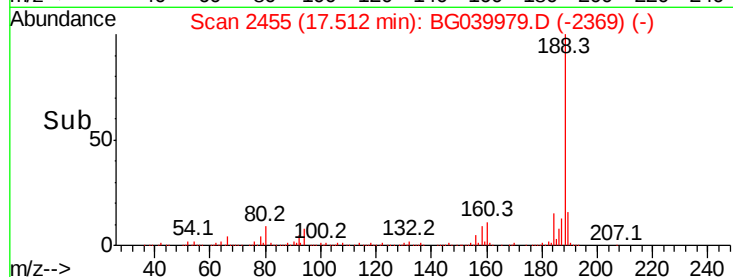
80 8.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG039979.D

Acq: 18 Mar 2019 21:15

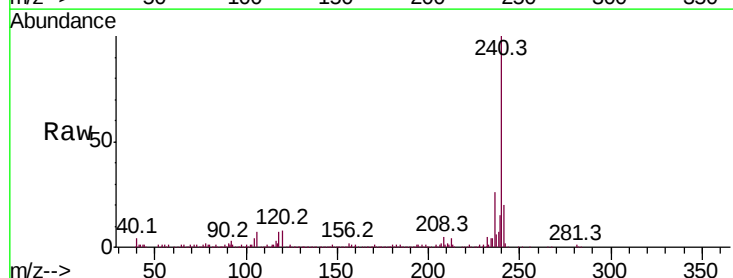
Tgt Ion:240 Resp: 254907

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

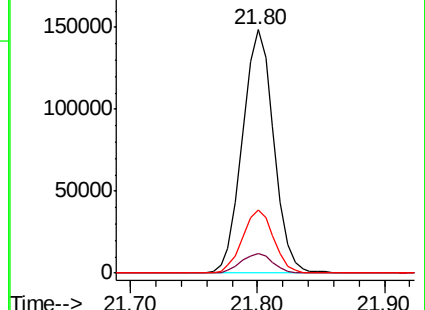
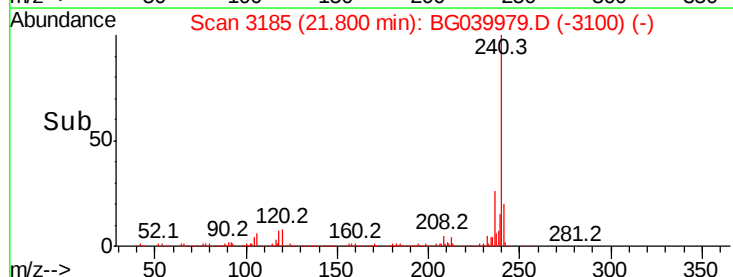
236 25.7 21.0 31.4

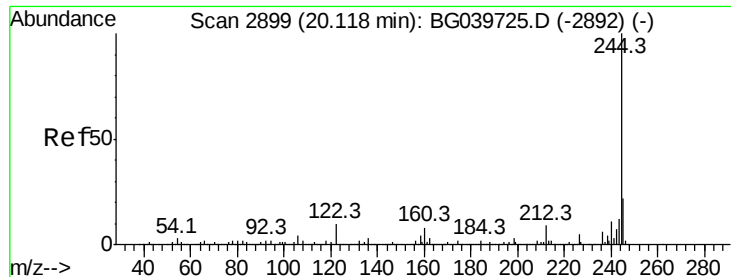


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.547 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039979.D

Acq: 18 Mar 2019 21:15

Instrument :

BNA_G

ClientSampled :

TW-1

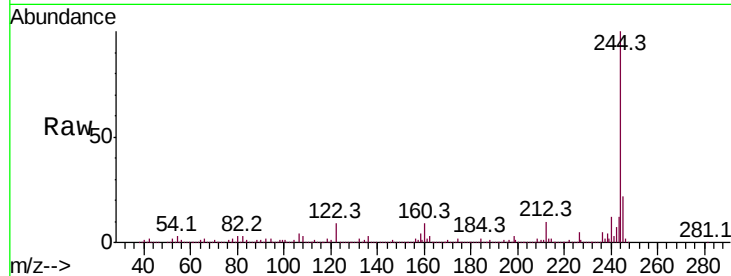
Tot Ion:244 Resp: 1071429

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

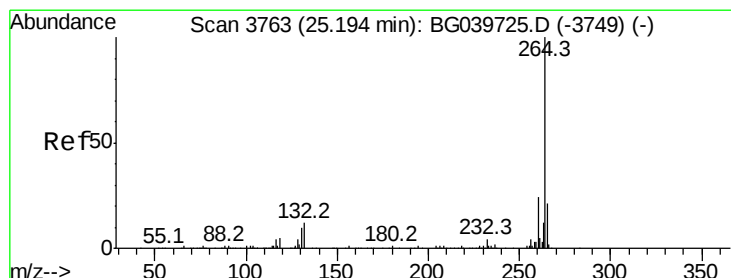
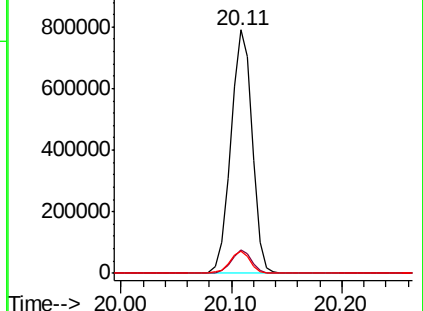
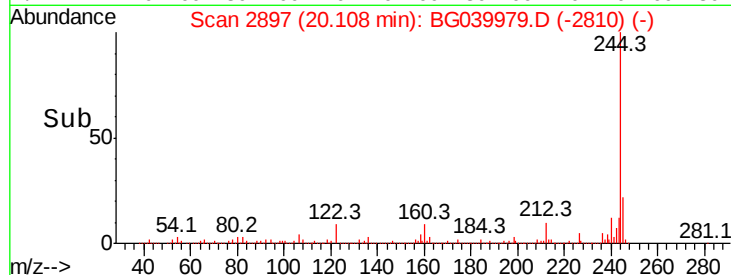
122 9.1 8.4 12.6



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# 3758

Delta R.T. -0.03 min

Lab File: BG039979.D

Acq: 18 Mar 2019 21:15

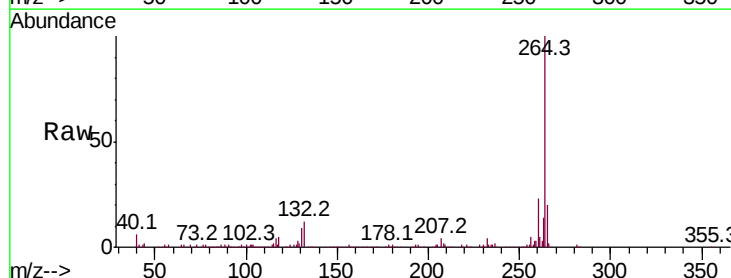
Tgt Ion:264 Resp: 260935

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.1 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

