

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040106.D
 Acq On : 23 Mar 2019 7:33
 Operator : JU/SJ
 Sample : K2038-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 37-ST-2019

Quant Time: Mar 23 22:38:23 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	38367	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	175156	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	120851	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	286477	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	280638	20.00	ng	-0.03
87) Perylene-d12	25.16	264	286200	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	103748	46.13	ng	-0.03
7) Phenol-d6	7.29	99	97351	29.03	ng	-0.03
23) Nitrobenzene-d5	9.32	82	282825	87.33	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	131840	93.60	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	733653	86.44	ng	-0.03
79) Terphenyl-d14	20.11	244	922223	72.35	ng	-0.02

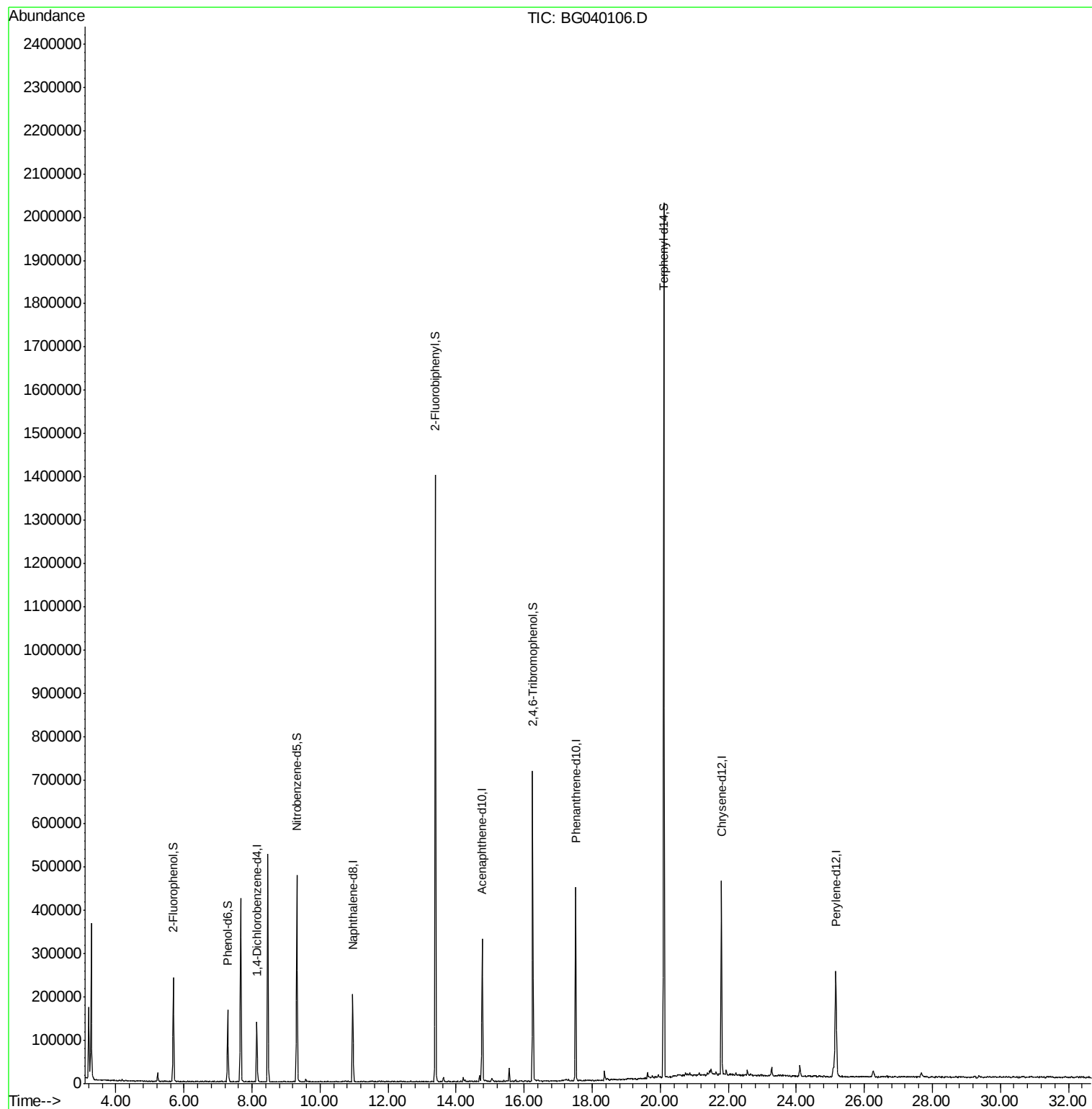
Target Compounds Qvalue

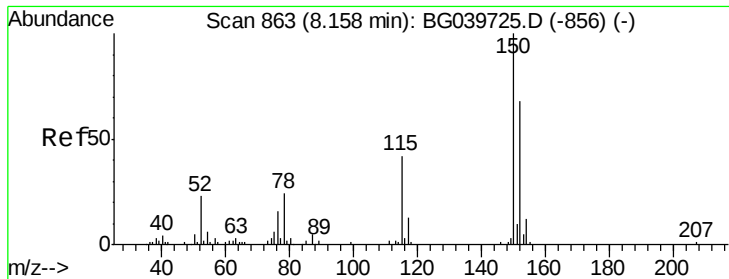
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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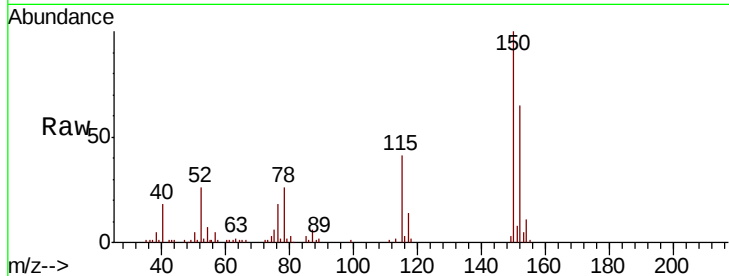


#1

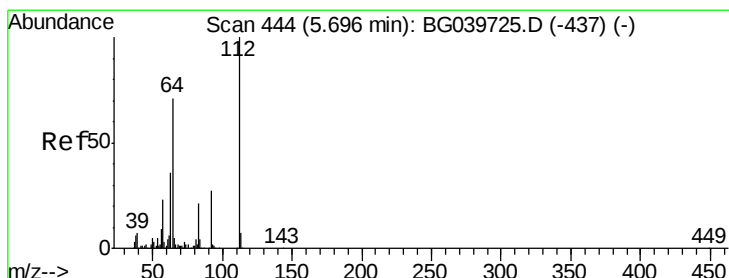
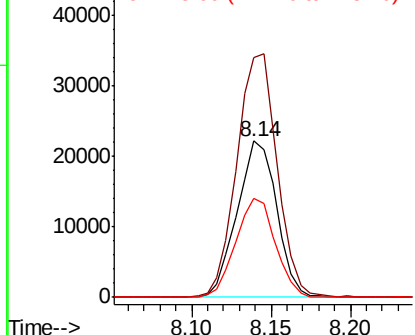
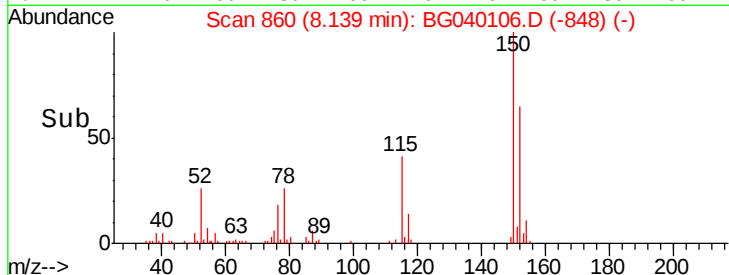
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040106.D
Acq: 23 Mar 2019 7:33

Instrument :
BNA_G
ClientSampleId :
37-ST-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.7	185.5
115	63.5	45.9	68.9



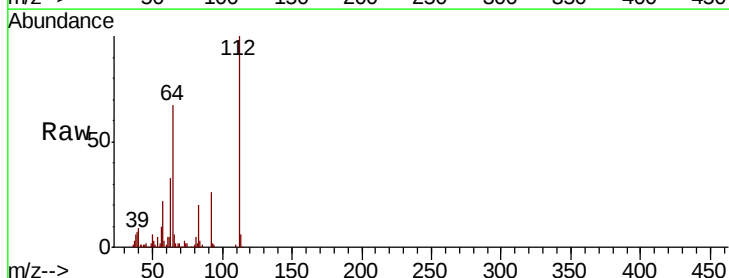
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



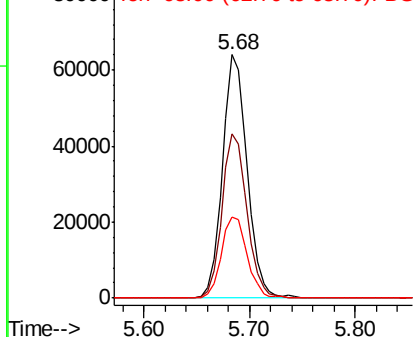
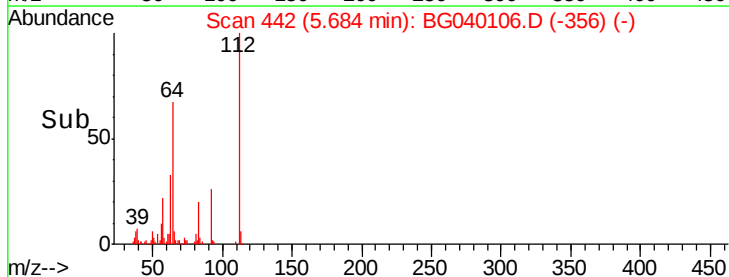
#5

2-Fluorophenol
Concen: 46.132 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.03 min
Lab File: BG040106.D
Acq: 23 Mar 2019 7:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	57.8	86.8
63	33.4	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: 29.031 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.03 min

Lab File: BG040106.D

Acq: 23 Mar 2019 7:33

Instrument :

BNA_G

ClientSampleId :

37-ST-2019

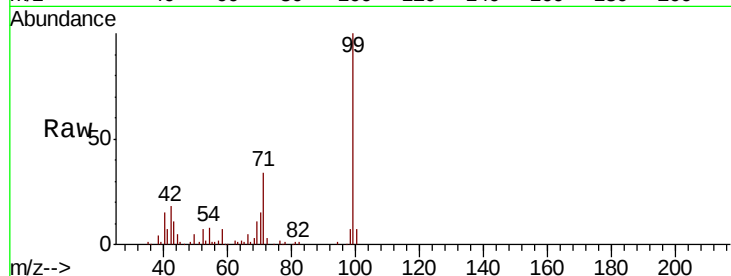
Tot Ion: 99 Resp: 97351

Ion Ratio Lower Upper

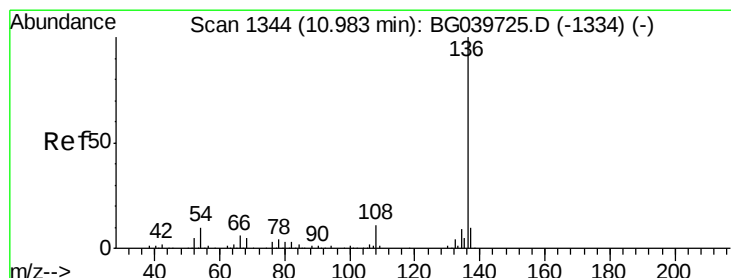
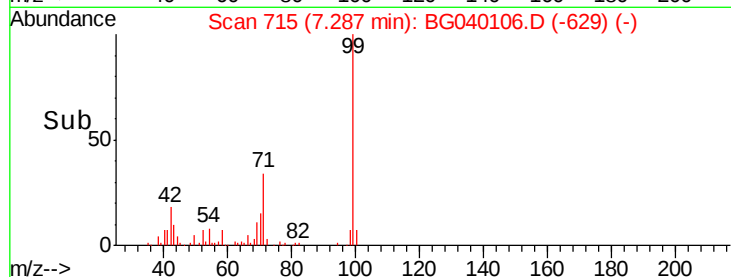
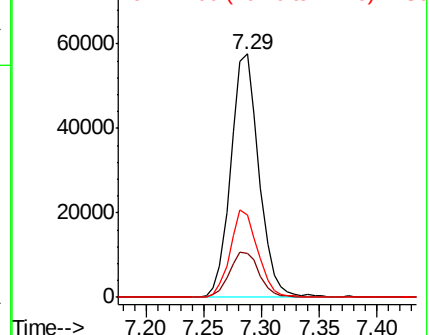
99 100

42 18.2 18.2 27.2

71 33.6 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# 1341

Delta R.T. -0.03 min

Lab File: BG040106.D

Acq: 23 Mar 2019 7:33

Tgt Ion: 136 Resp: 175156

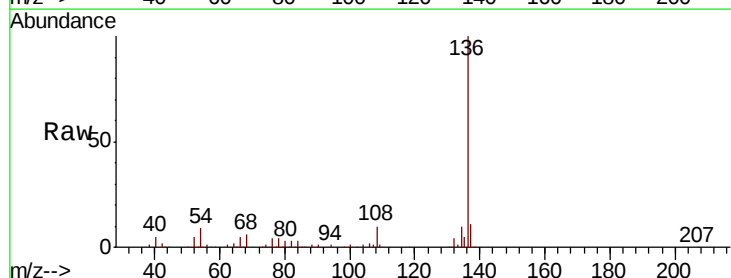
Ion Ratio Lower Upper

136 100

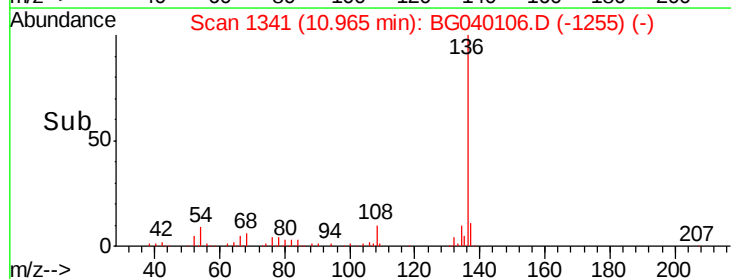
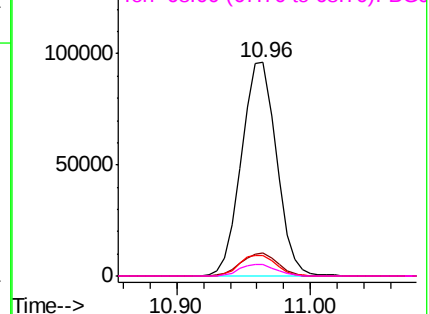
137 10.8 9.1 13.7

54 9.3 9.4 14.2#

68 5.5 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

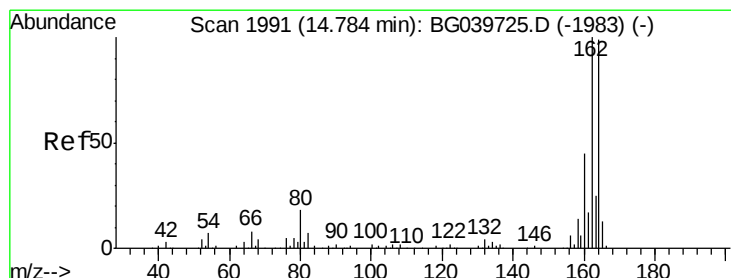
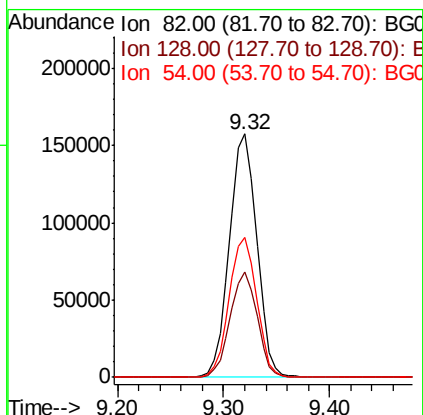
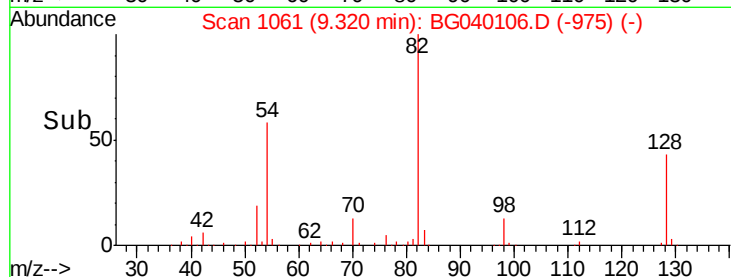
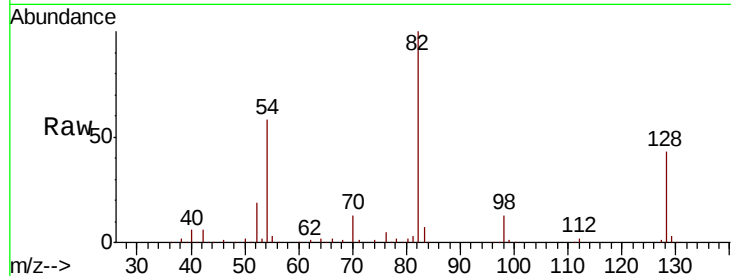




#23
Nitrobenzene-d5
Concen: 87.330 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BG040106.D
Acq: 23 Mar 2019 7:33

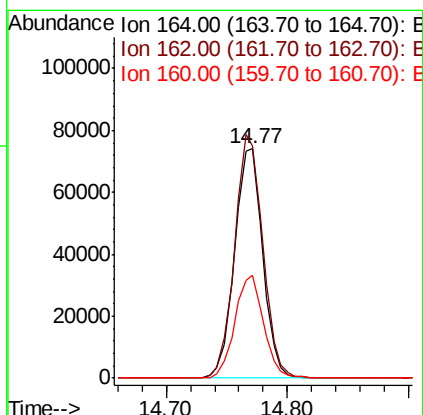
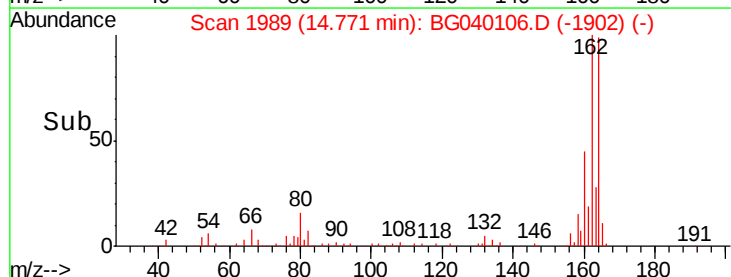
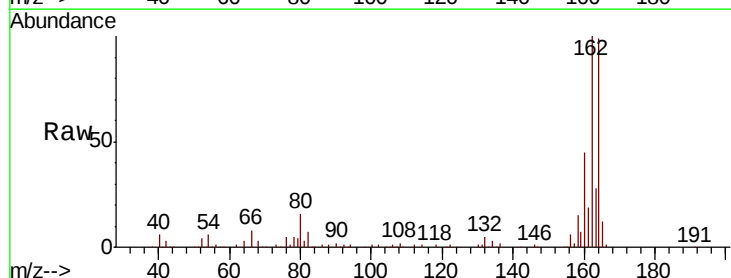
Instrument :
BNA_G
ClientSampleId :
37-ST-2019

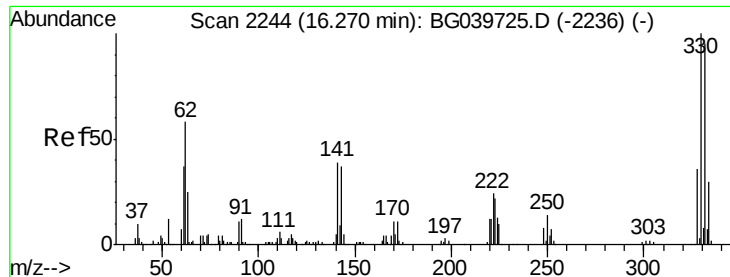
Tot Ion	82	Resp	282825
Ion Ratio	100	Lower	Upper
128	43.2	31.3	46.9
54	57.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040106.D
Acq: 23 Mar 2019 7:33

Tgt Ion	164	Resp	120851
Ion Ratio	100	Lower	Upper
162	101.1	81.6	122.4
160	45.0	34.2	51.2

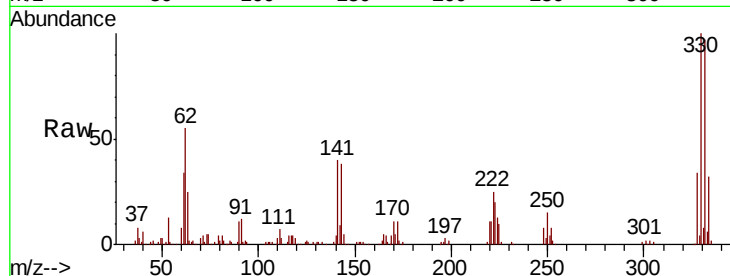




#42
 2,4,6-Tribromophenol
 Concen: 93.596 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040106.D
 Acq: 23 Mar 2019 7:33

Instrument :
 BNA_G
 ClientSampleId :
 37-ST-2019

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	39.9	35.6	53.4

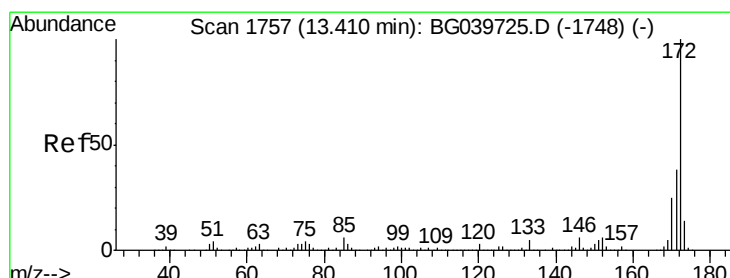
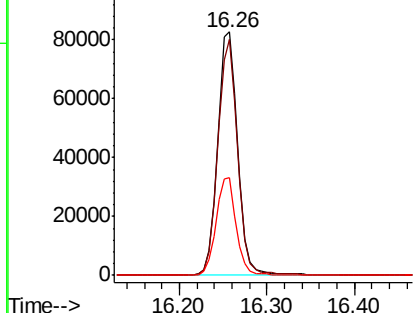
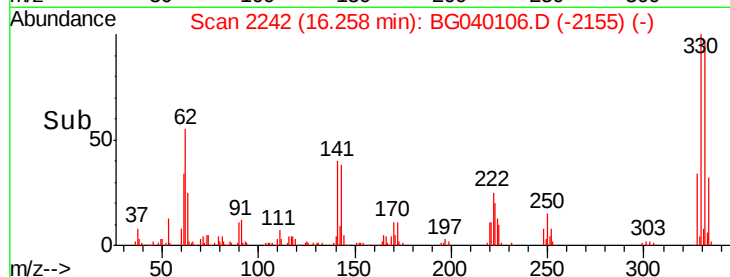


Abundance

Ion 329.80 (329.50 to 330.50): E

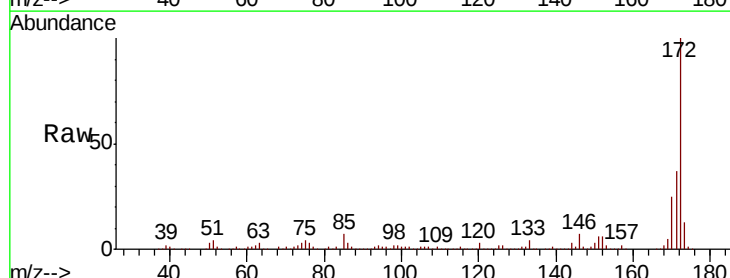
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.437 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.03 min
 Lab File: BG040106.D
 Acq: 23 Mar 2019 7:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.8	20.2	30.4

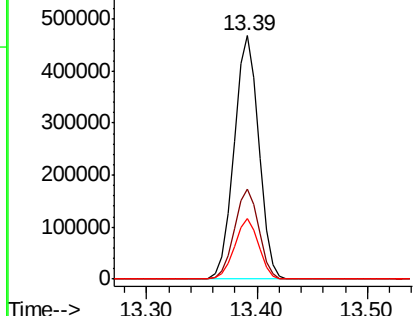
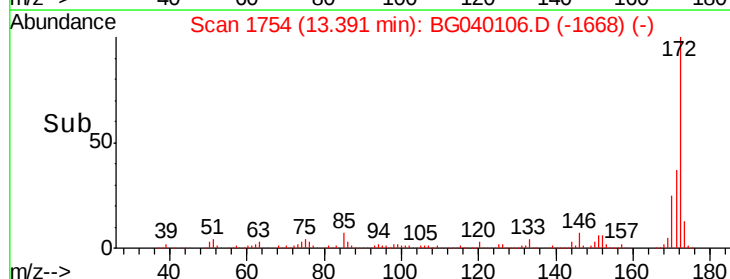


Abundance

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# 2456

Delta R.T. -0.02 min

Lab File: BG040106.D

Acq: 23 Mar 2019 7:33

Instrument :

BNA_G

ClientSampleId :

37-ST-2019

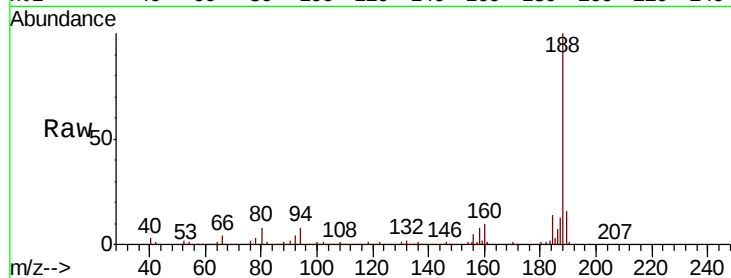
Tot Ion:188 Resp: 286477

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

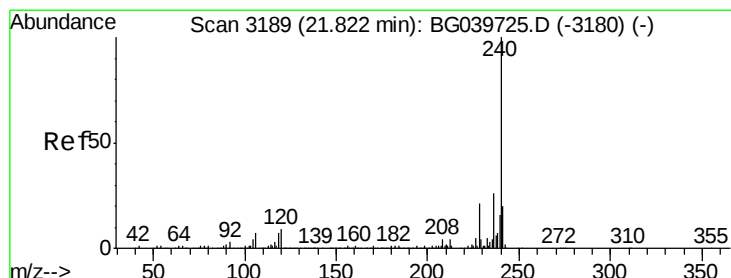
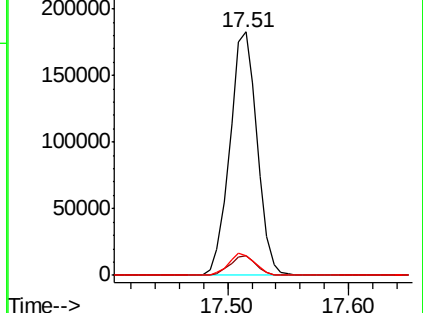
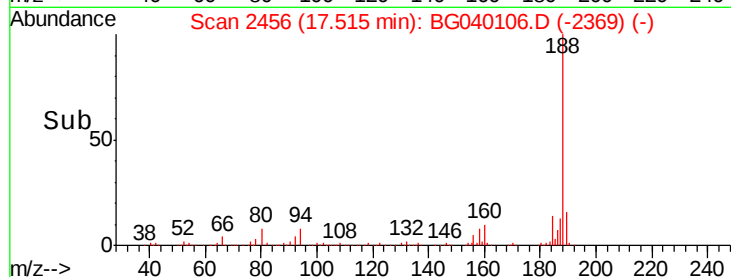
80 8.0 8.1 12.1#



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: BG040106.D

Acq: 23 Mar 2019 7:33

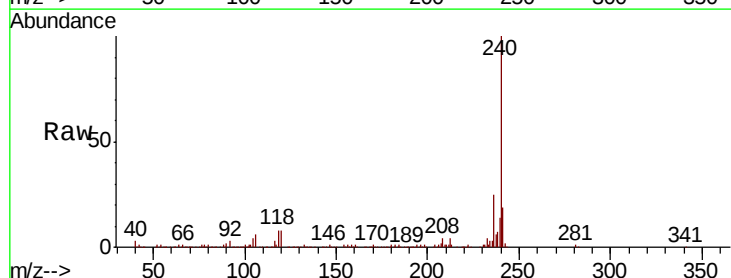
Tgt Ion:240 Resp: 280638

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

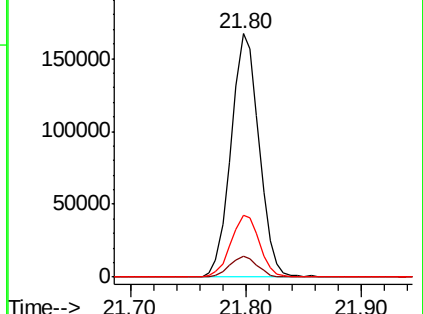
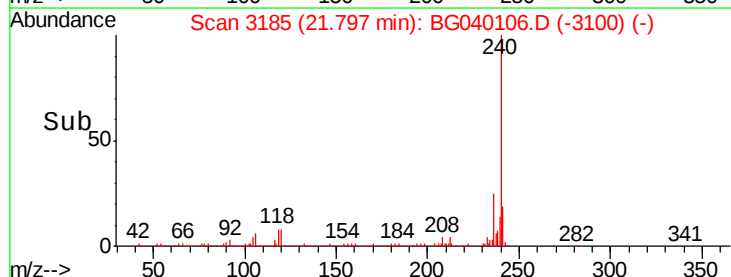
236 25.3 21.0 31.4

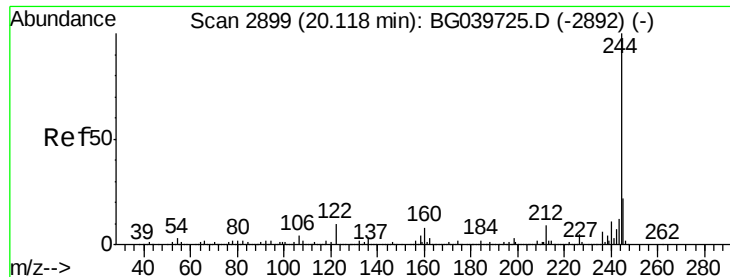


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.355 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040106.D

Acq: 23 Mar 2019 7:33

Instrument :

BNA_G

ClientSampleId :

37-ST-2019

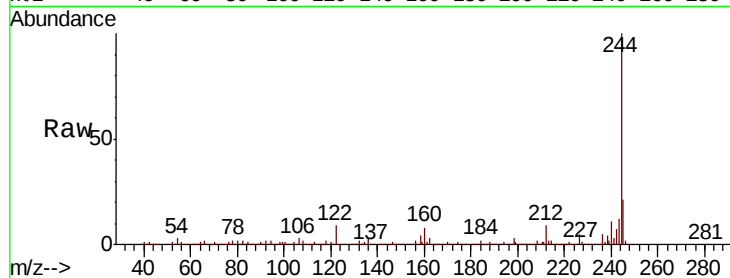
Tot Ion:244 Resp: 922223

Ion Ratio Lower Upper

244 100

212 9.3 7.3 10.9

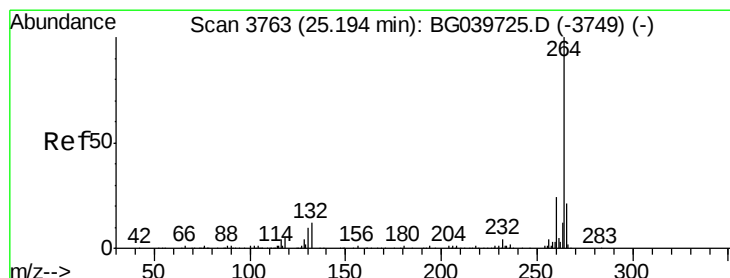
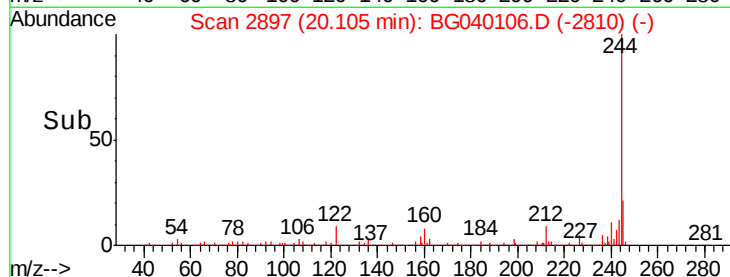
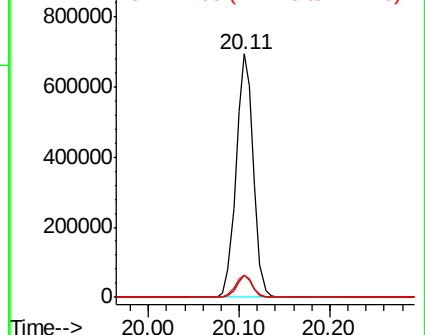
122 9.0 8.4 12.6



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: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040106.D

Acq: 23 Mar 2019 7:33

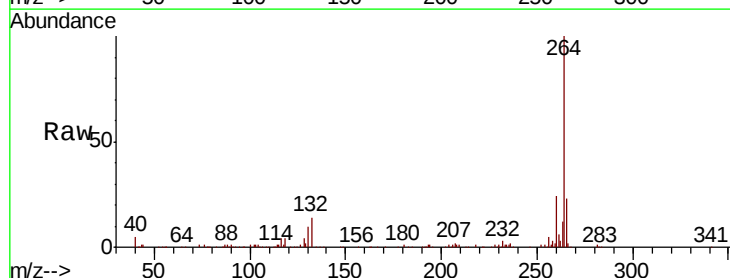
Tgt Ion:264 Resp: 286200

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

265 23.1 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

