

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040030.D
 Acq On : 20 Mar 2019 9:13
 Operator : JU/SJ
 Sample : K1941-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP

Quant Time: Mar 20 11:13:59 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	35066	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	145179	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	98762	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	259270	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	290083	20.00	ng	-0.03
87) Perylene-d12	25.16	264	280295	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	255892	124.49	ng	-0.02
7) Phenol-d6	7.29	99	343303	112.02	ng	-0.02
23) Nitrobenzene-d5	9.32	82	264897	98.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	164575	142.97	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	595371	85.83	ng	-0.02
79) Terphenyl-d14	20.11	244	1194433	90.66	ng	-0.02

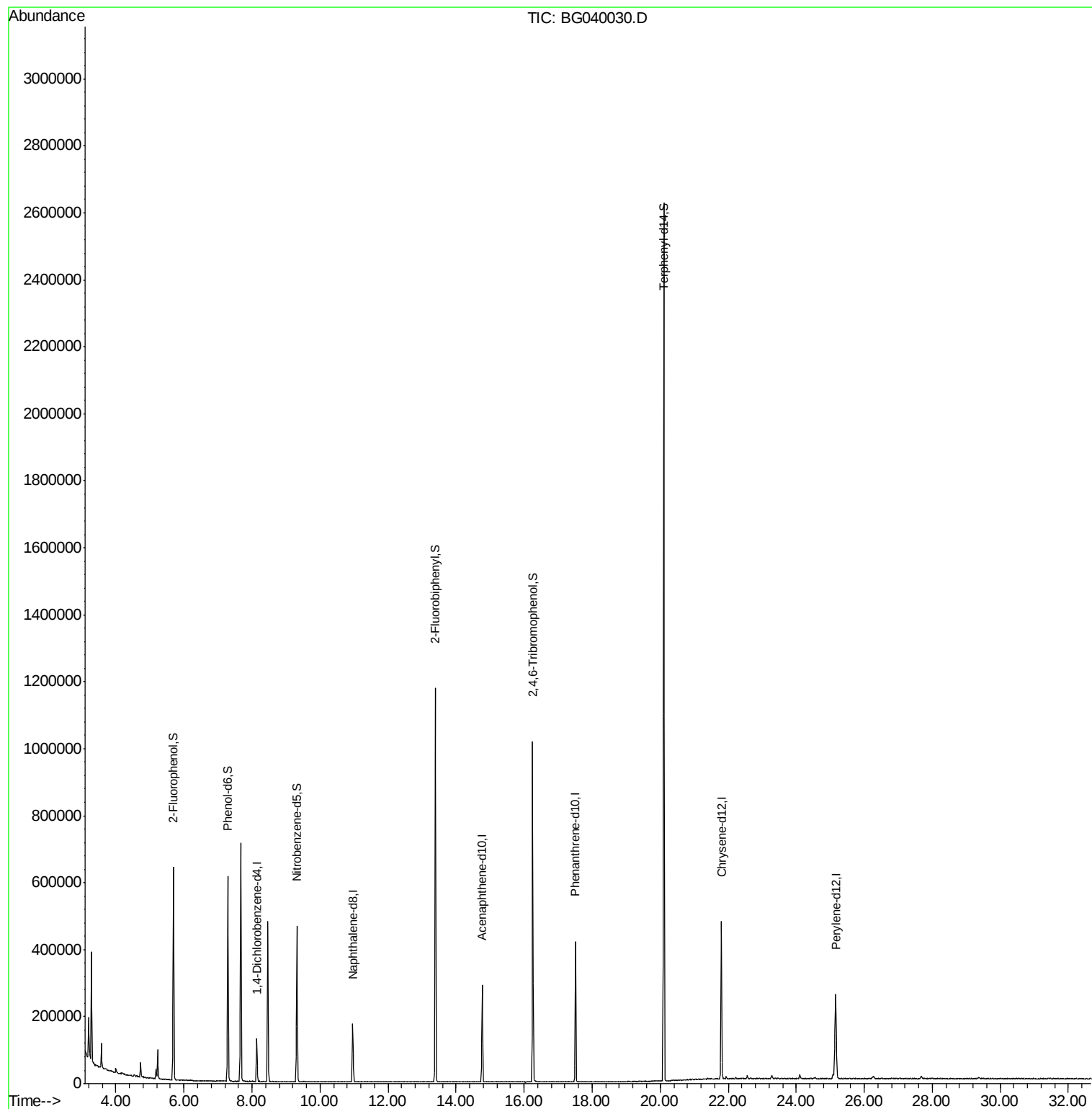
Target Compounds Qvalue

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

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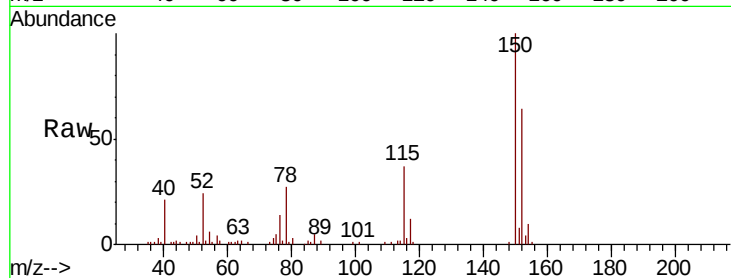


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040030.D
Acq: 20 Mar 2019 9:13

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.7	185.5
115	58.1	45.9	68.9

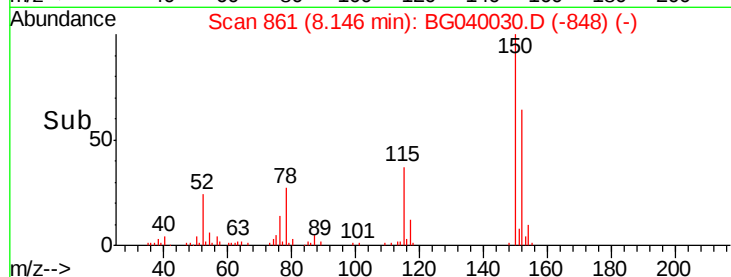
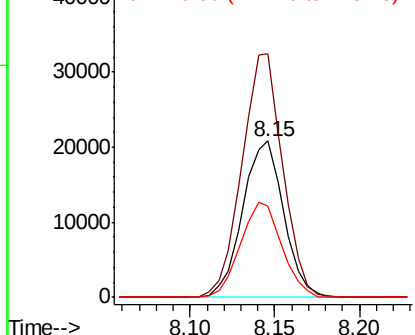


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

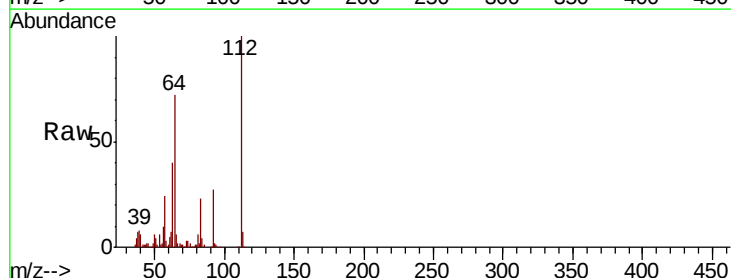
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.495 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040030.D
Acq: 20 Mar 2019 9:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.8	86.8
63	40.0	29.8	44.6

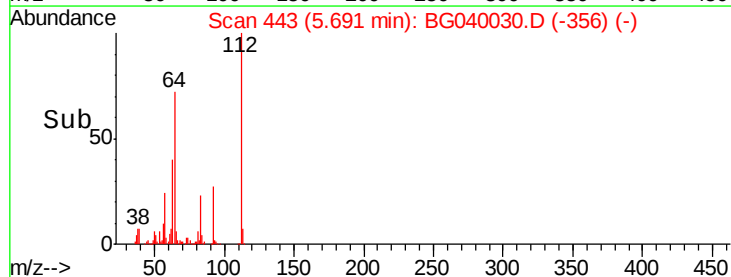
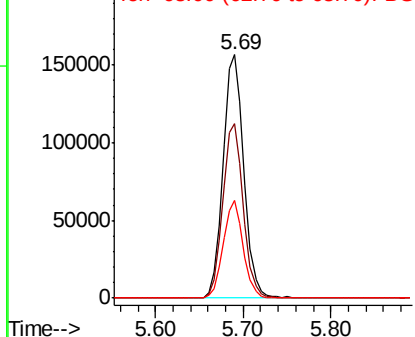


Abundance

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: 112.016 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040030.D

Acq: 20 Mar 2019 9:13

Instrument :

BNA_G

ClientSampleId :

SP

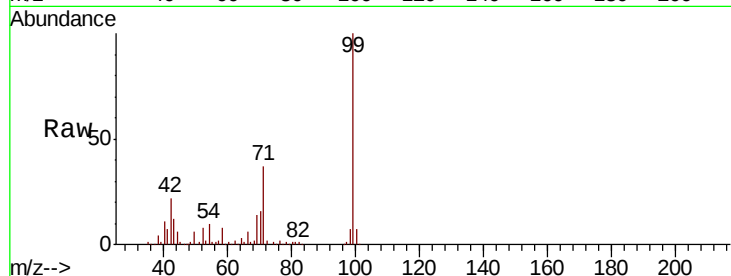
Tot Ion: 99 Resp: 343303

Ion Ratio Lower Upper

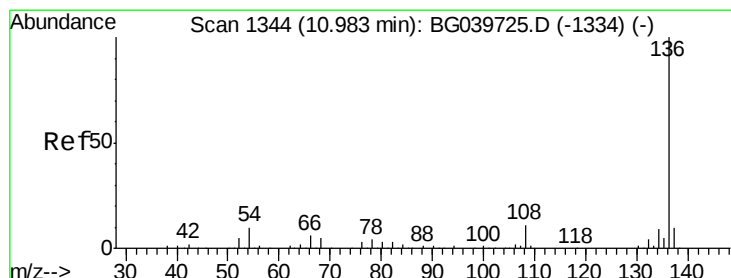
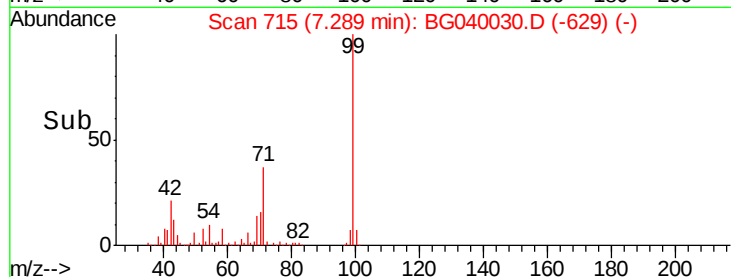
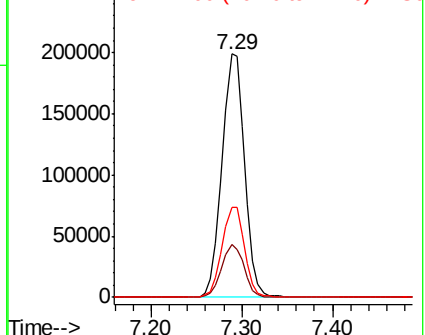
99 100

42 21.6 18.2 27.2

71 37.1 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: BG040030.D

Acq: 20 Mar 2019 9:13

Tgt Ion: 136 Resp: 145179

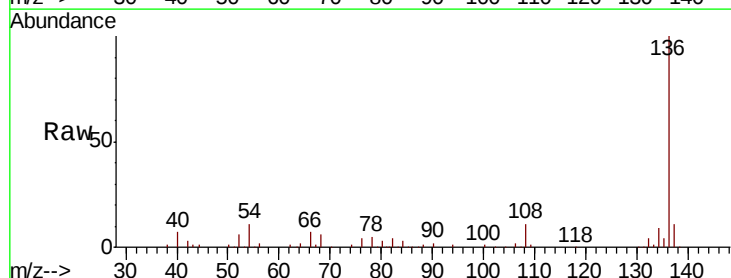
Ion Ratio Lower Upper

136 100

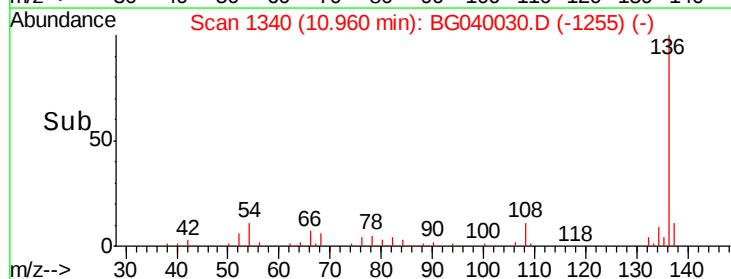
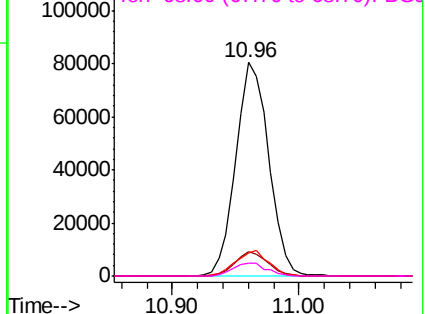
137 11.3 9.1 13.7

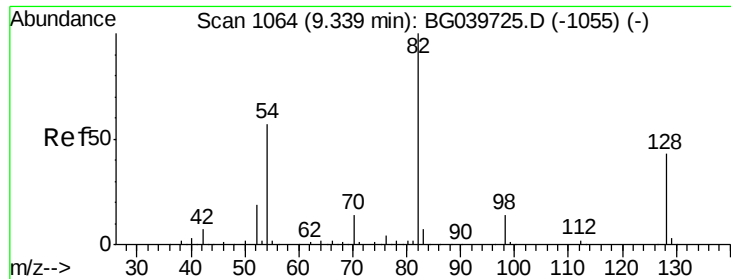
54 10.6 9.4 14.2

68 6.1 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

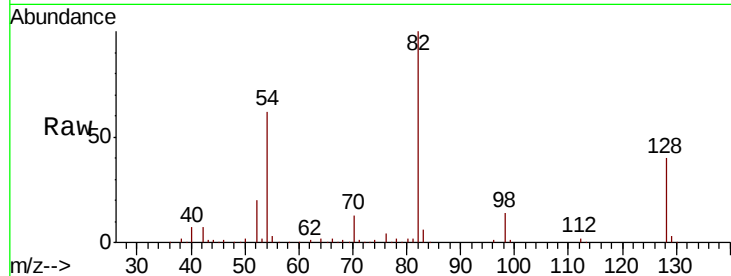




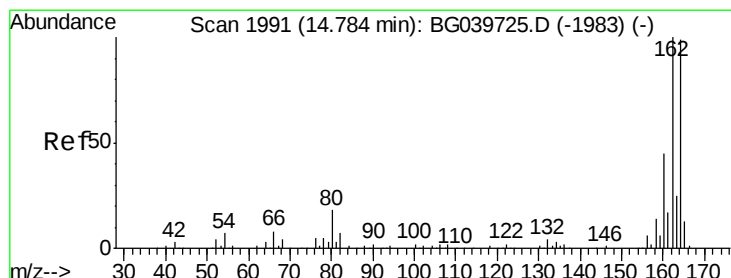
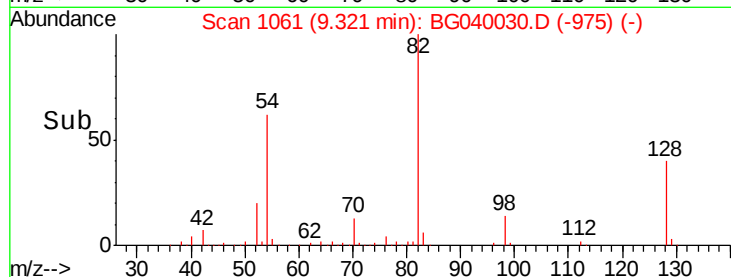
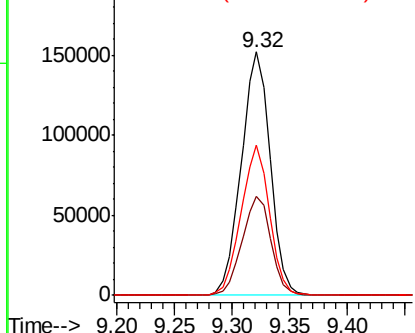
#23
Nitrobenzene-d5
Concen: 98.683 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040030.D
Acq: 20 Mar 2019 9:13

Instrument :
BNA_G
ClientSampled :
SP

Tot Ion	82.00	Resp	264897
Ion Ratio	100	Lower	Upper
128	40.5	31.3	46.9
54	61.6	50.9	76.3

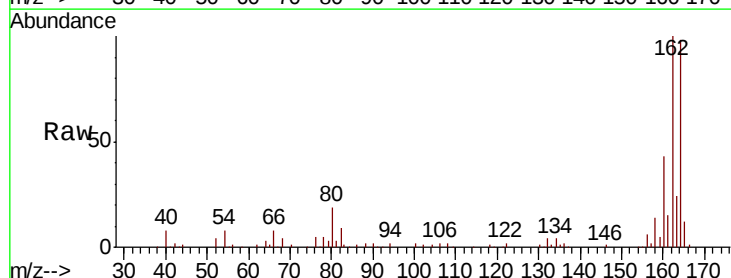


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

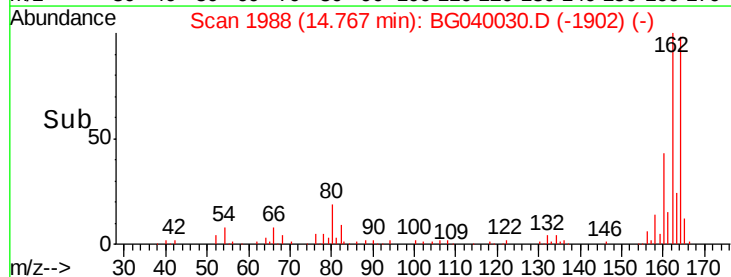
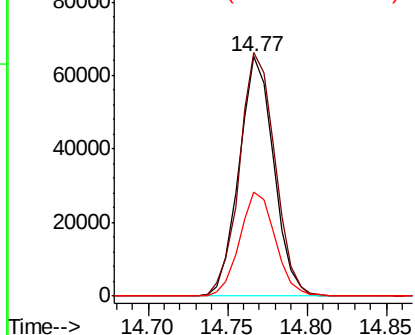


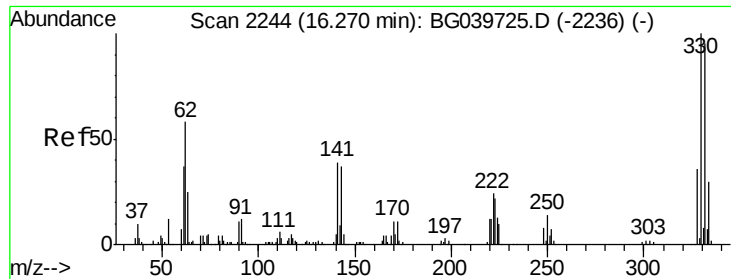
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040030.D
Acq: 20 Mar 2019 9:13

Tgt Ion	164	Resp	98762
Ion Ratio	100	Lower	Upper
162	101.6	81.6	122.4
160	43.3	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

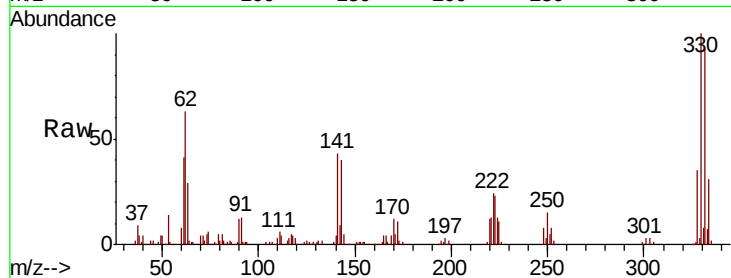




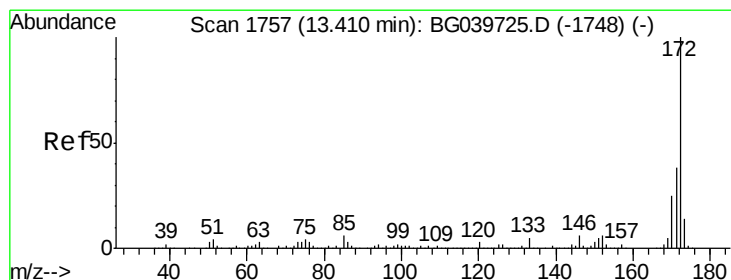
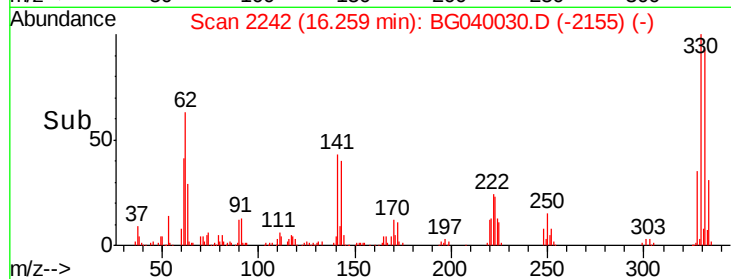
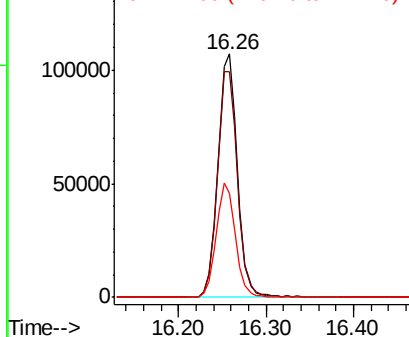
#42
 2,4,6-Tribromophenol
 Concen: 142.966 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG040030.D
 Acq: 20 Mar 2019 9:13

Instrument :
 BNA_G
 ClientSampled :
 SP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	46.3	35.6	53.4

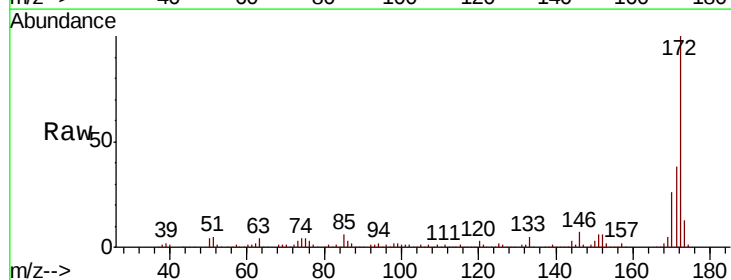


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

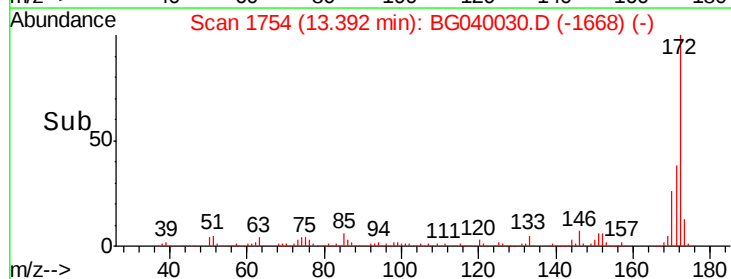
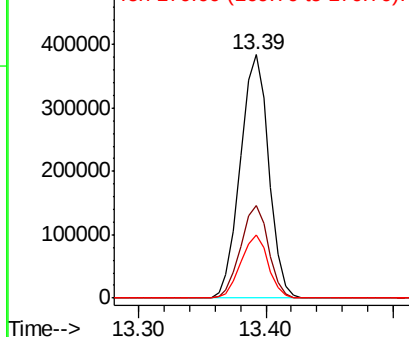


#45
 2-Fluorobiphenyl
 Concen: 85.833 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040030.D
 Acq: 20 Mar 2019 9:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.7	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

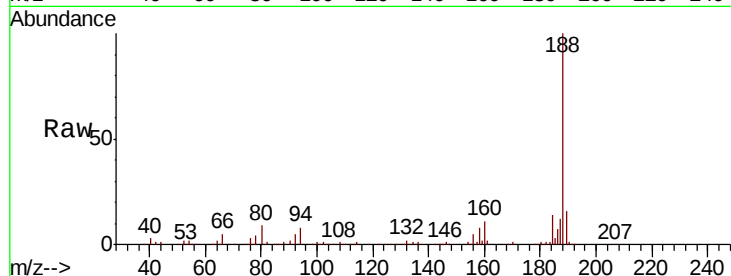




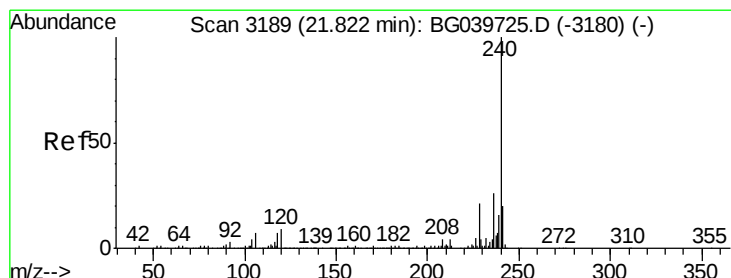
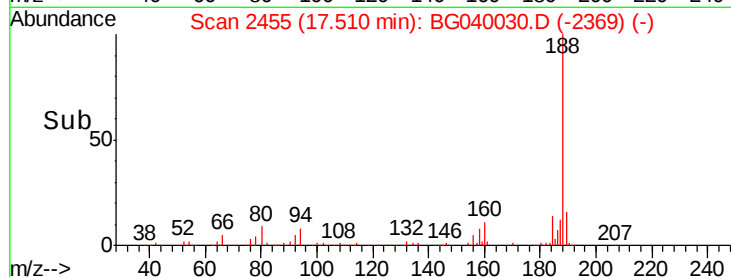
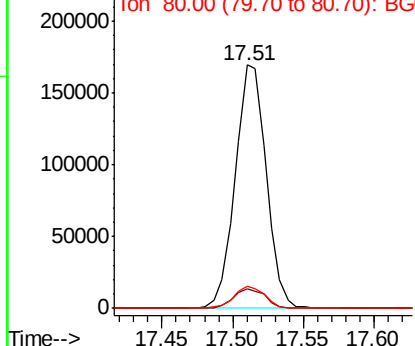
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040030.D
Acq: 20 Mar 2019 9:13

Instrument :
BNA_G
ClientSampleId :
SP

Tot Ion:188 Resp: 259270
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.2 8.1 12.1

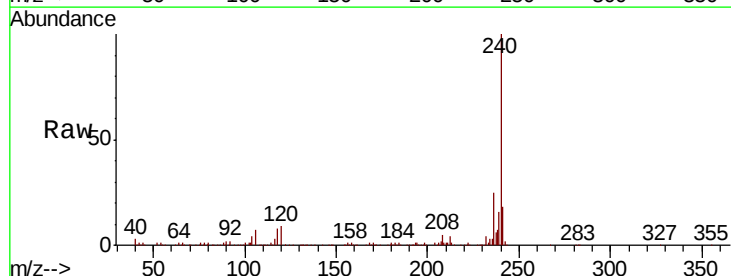


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

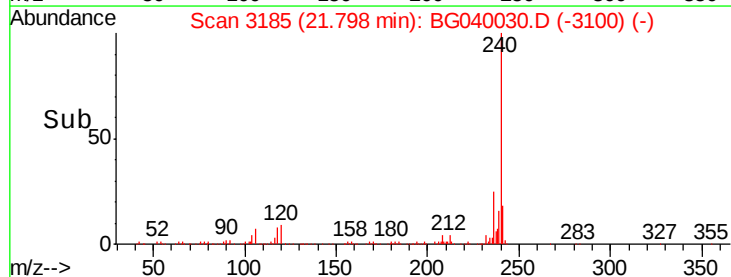
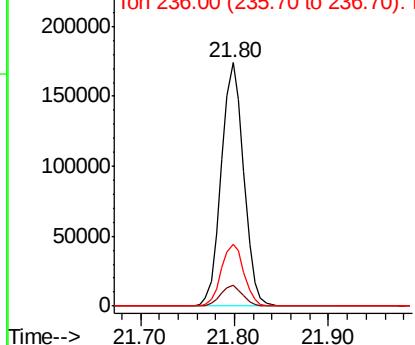


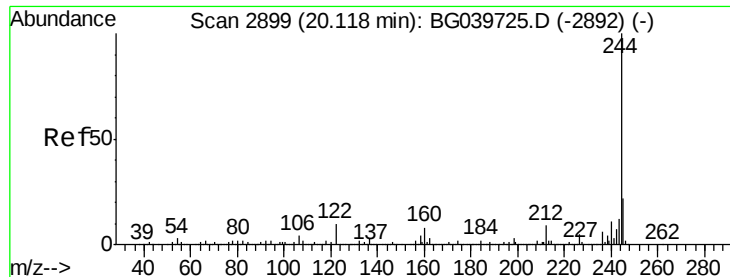
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040030.D
Acq: 20 Mar 2019 9:13

Tgt Ion:240 Resp: 290083
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.5 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: 90.661 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040030.D

Acq: 20 Mar 2019 9:13

Instrument :

BNA_G

ClientSampled :

SP

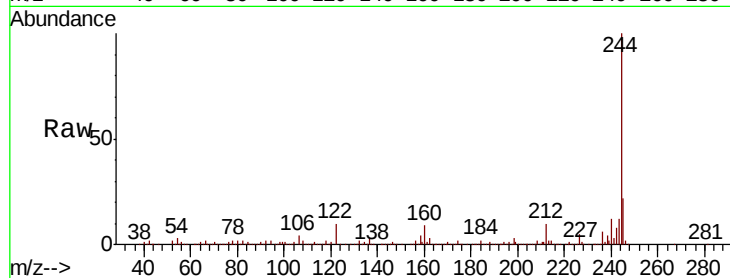
Tot Ion:244 Resp: 1194433

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

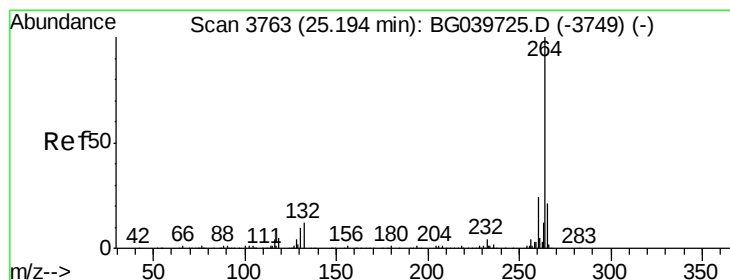
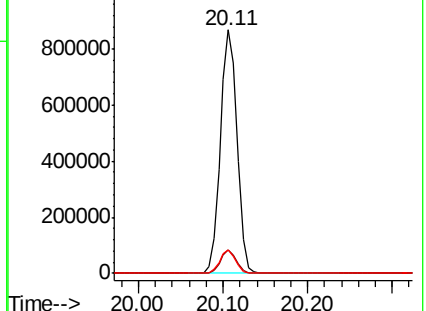
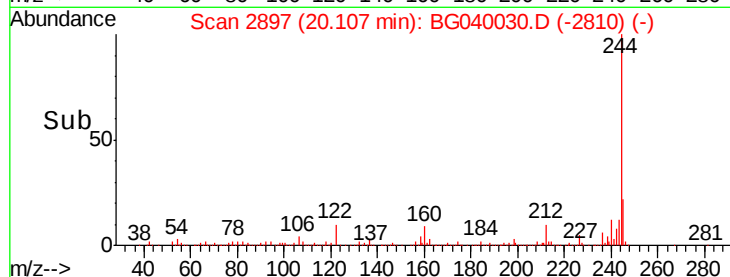
122 9.7 8.4 12.6



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# 3757

Delta R.T. -0.04 min

Lab File: BG040030.D

Acq: 20 Mar 2019 9:13

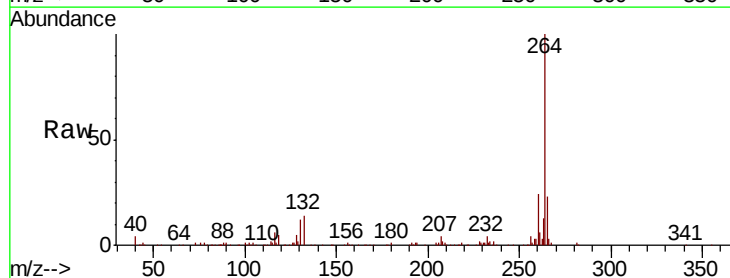
Tgt Ion:264 Resp: 280295

Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.4

265 22.8 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

