

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040026.D
 Acq On : 20 Mar 2019 6:35
 Operator : JU/SJ
 Sample : K1693-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-031819-A

Quant Time: Mar 20 08:59:00 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	35564	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	142116	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	94467	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	255965	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	289933	20.00	ng	-0.03
87) Perylene-d12	25.16	264	282721	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	258625	124.06	ng	-0.02
7) Phenol-d6	7.29	99	336030	108.11	ng	-0.02
23) Nitrobenzene-d5	9.32	82	259001	98.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	163181	148.20	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	579249	87.31	ng	-0.02
79) Terphenyl-d14	20.11	244	1200242	91.15	ng	-0.02

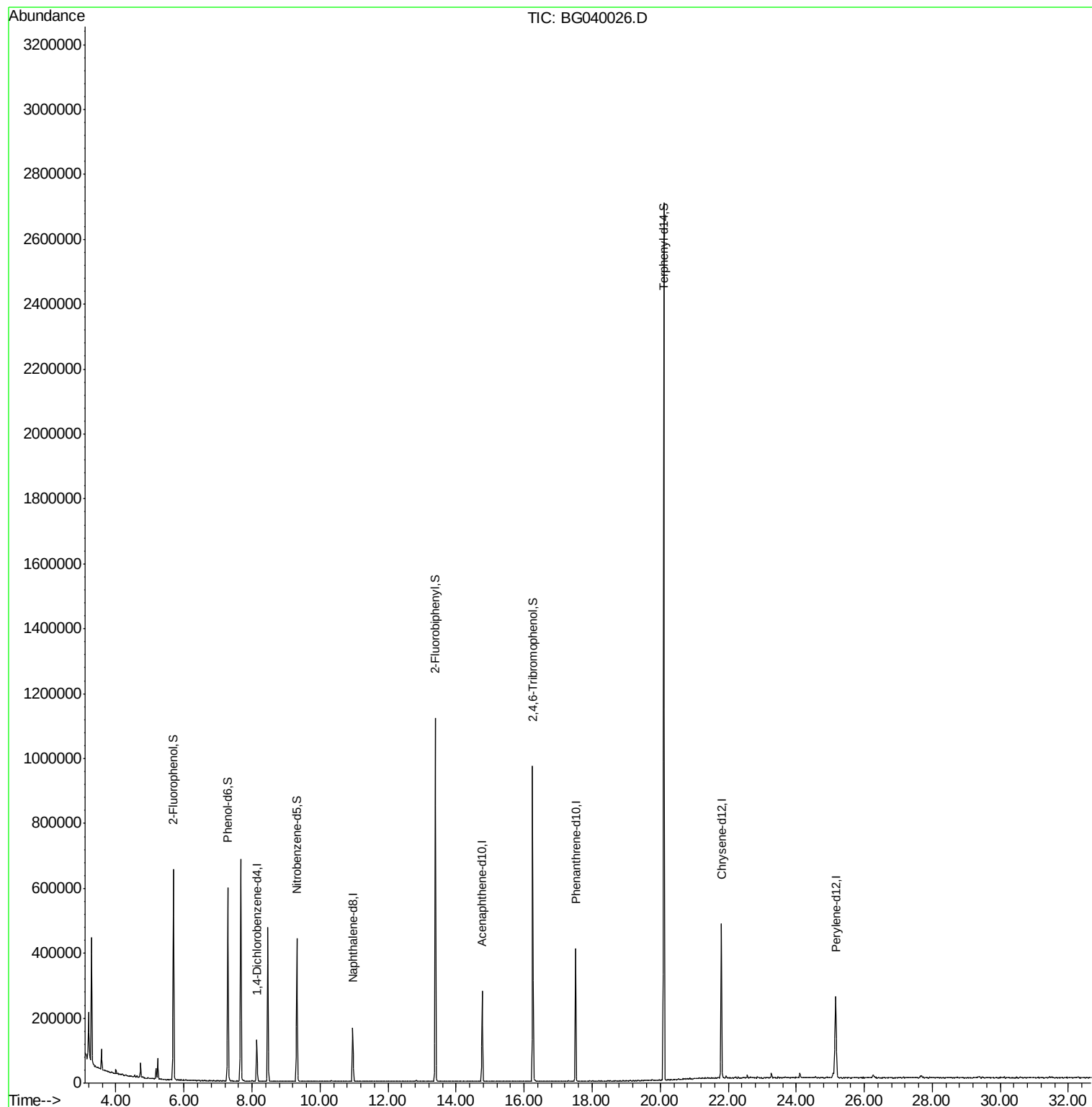
Target Compounds Qvalue

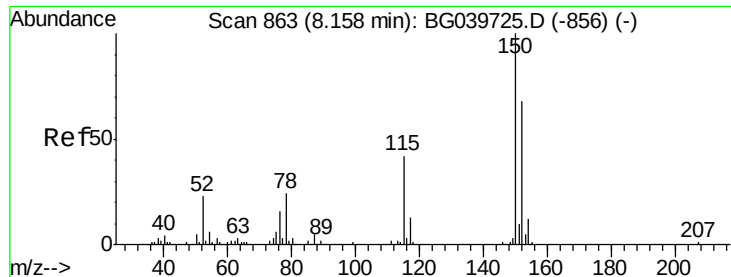
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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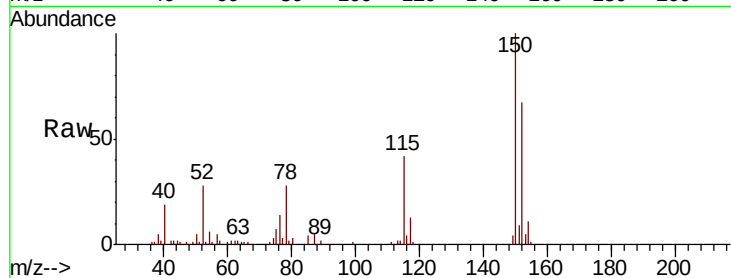


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040026.D
Acq: 20 Mar 2019 6:35

Instrument :
BNA_G
ClientSampleId :
OR-03-031819-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	123.7	185.5
115	62.4	45.9	68.9

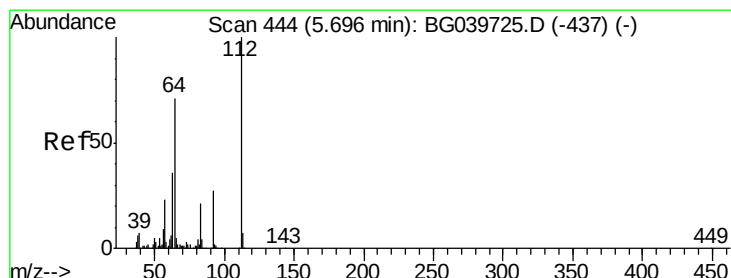
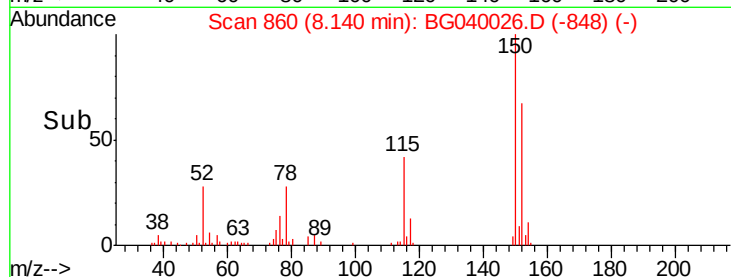
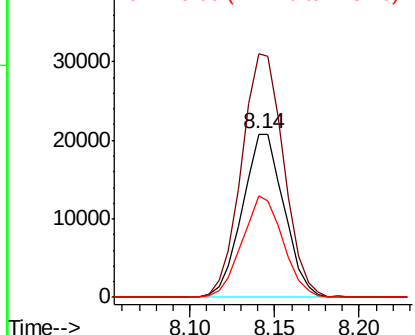


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

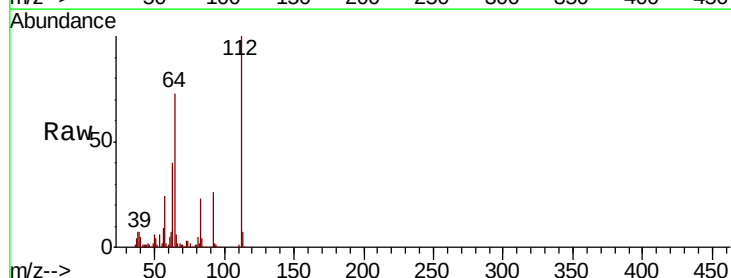
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.063 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040026.D
Acq: 20 Mar 2019 6:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	57.8	86.8
63	39.8	29.8	44.6

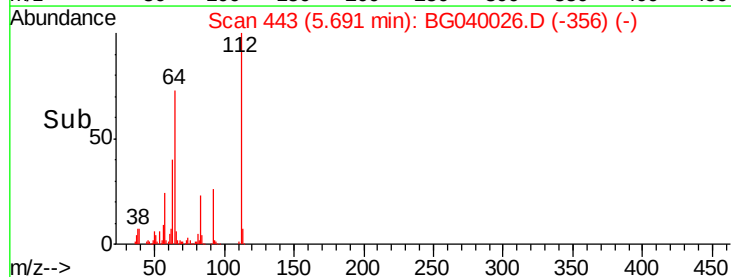
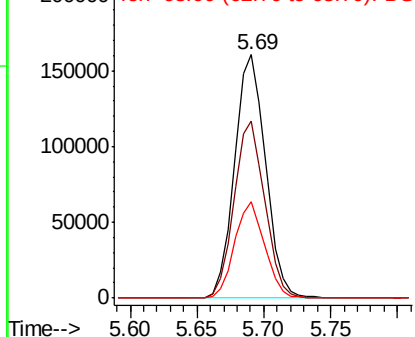


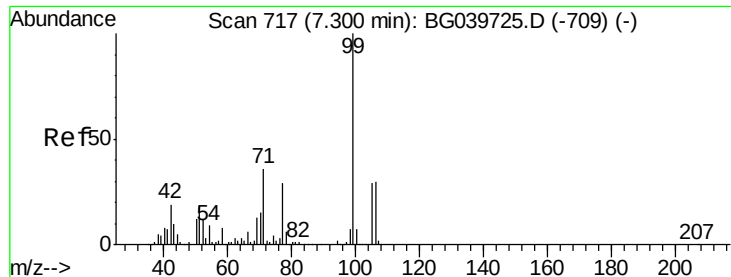
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 108.107 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040026.D

Acq: 20 Mar 2019 6:35

Instrument :

BNA_G

ClientSampleId :

OR-03-031819-A

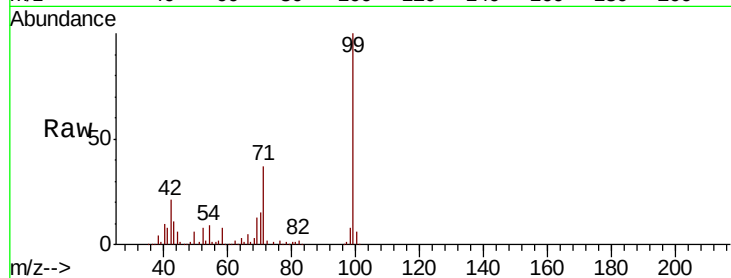
Tot Ion: 99 Resp: 336030

Ion Ratio Lower Upper

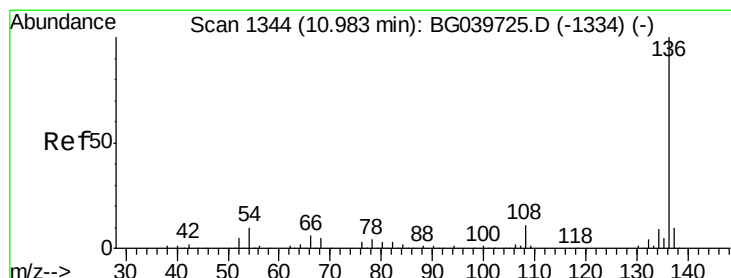
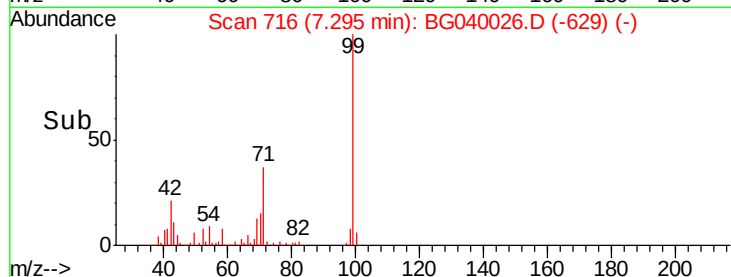
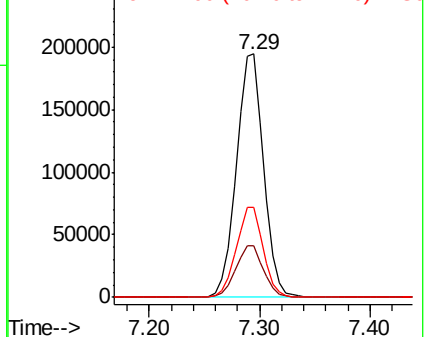
99 100

42 21.4 18.2 27.2

71 36.8 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# 1341

Delta R.T. -0.02 min

Lab File: BG040026.D

Acq: 20 Mar 2019 6:35

Tgt Ion: 136 Resp: 142116

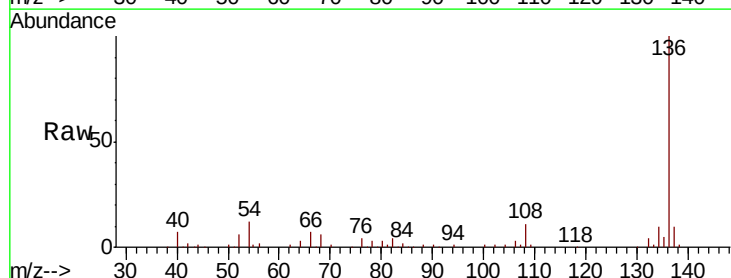
Ion Ratio Lower Upper

136 100

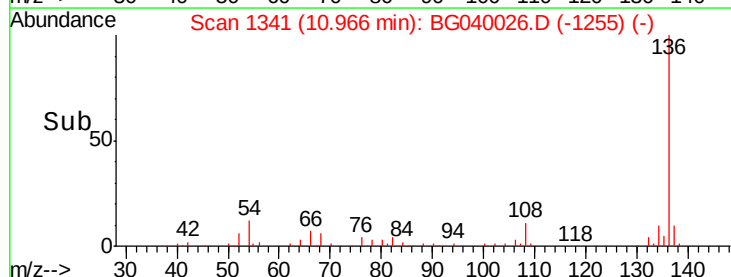
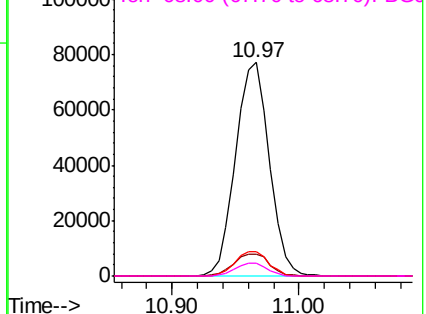
137 10.4 9.1 13.7

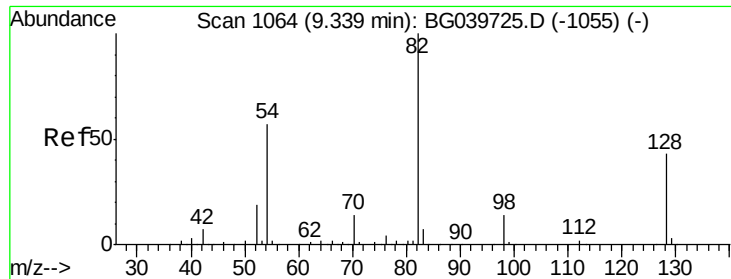
54 11.6 9.4 14.2

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

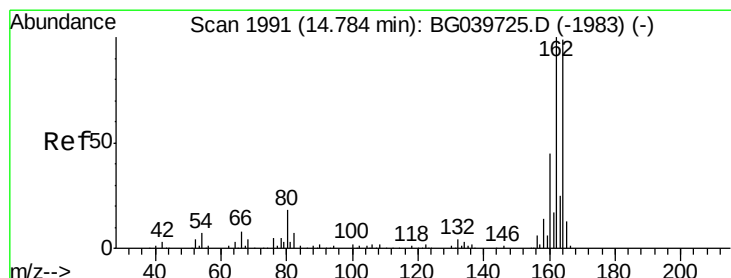
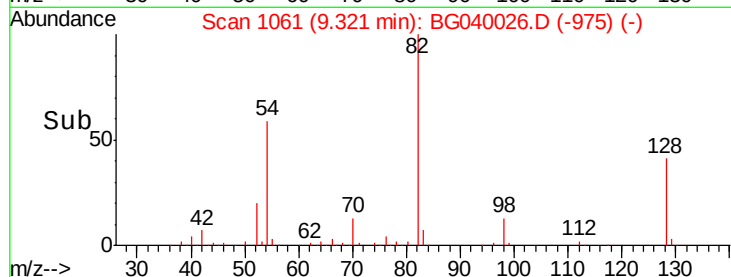
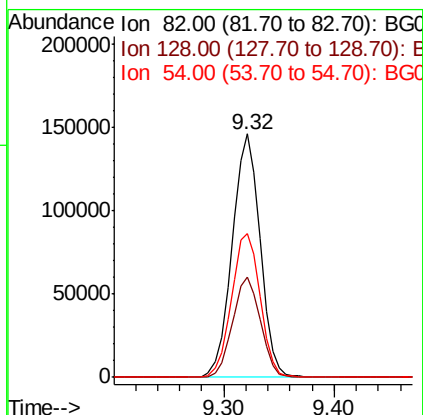
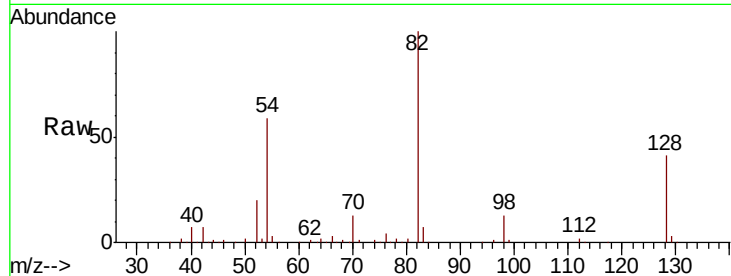




#23
 Nitrobenzene-d5
 Concen: 98.566 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040026.D
 Acq: 20 Mar 2019 6:35

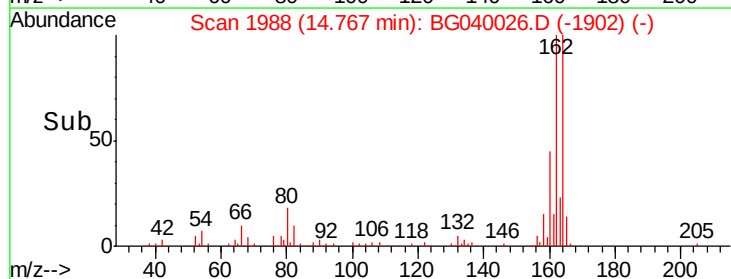
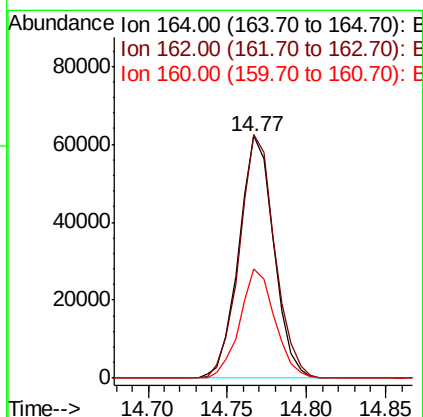
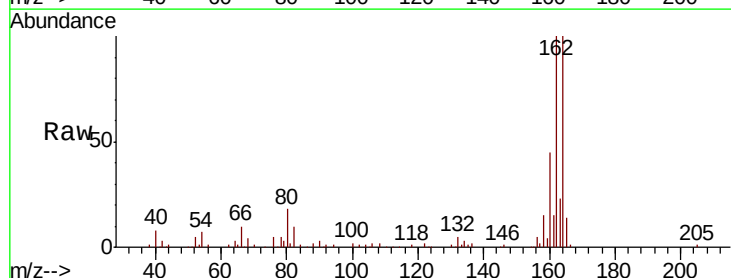
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-031819-A

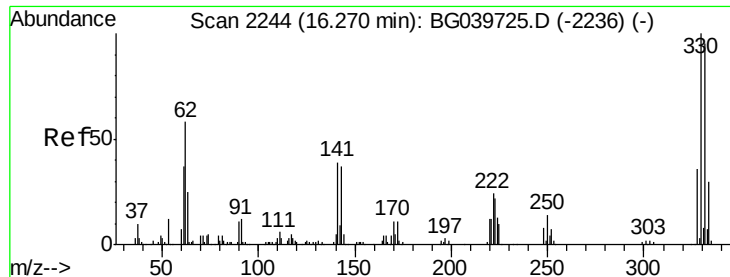
Tot Ion	82	Resp	259001
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.3	46.9
54	59.3	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040026.D
 Acq: 20 Mar 2019 6:35

Tgt Ion	164	Resp	94467
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.6	122.4
160	45.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 148.201 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040026.D

Acq: 20 Mar 2019 6:35

Instrument :

BNA_G

ClientSampleId :

OR-03-031819-A

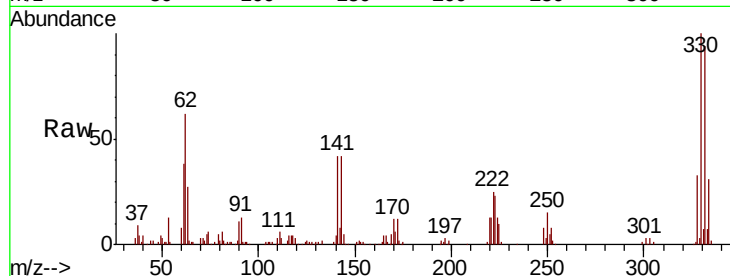
Tot Ion:330 Resp: 163181

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

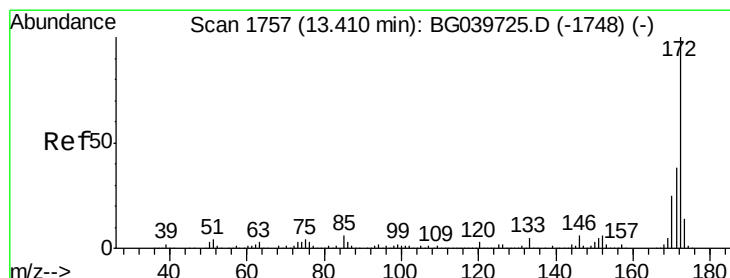
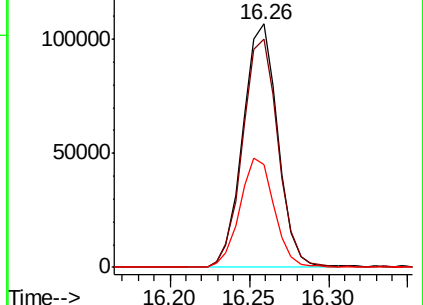
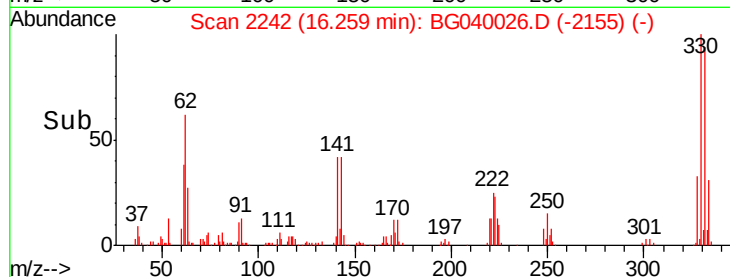
141 44.2 35.6 53.4



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: 87.306 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040026.D

Acq: 20 Mar 2019 6:35

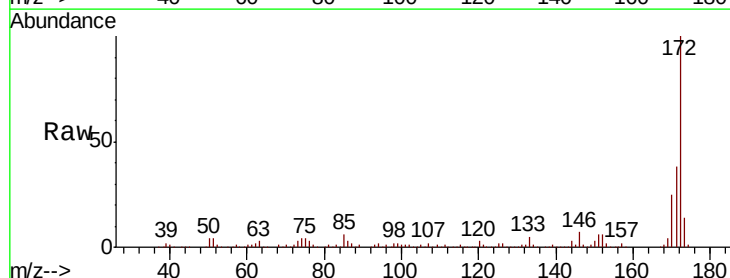
Tgt Ion:172 Resp: 579249

Ion Ratio Lower Upper

172 100

171 37.8 30.8 46.2

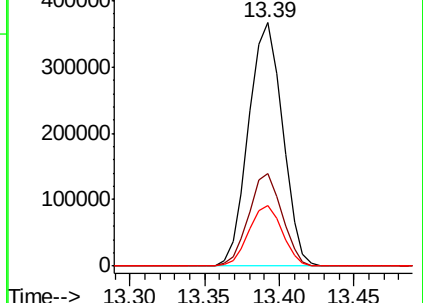
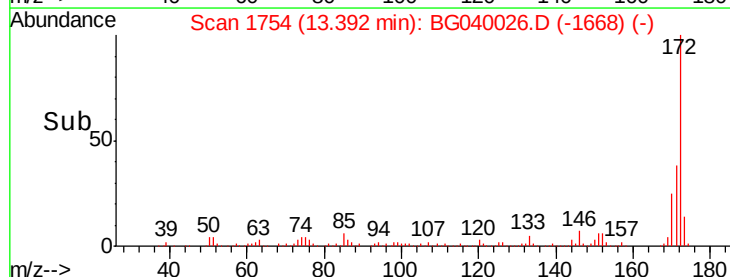
170 25.1 20.2 30.4

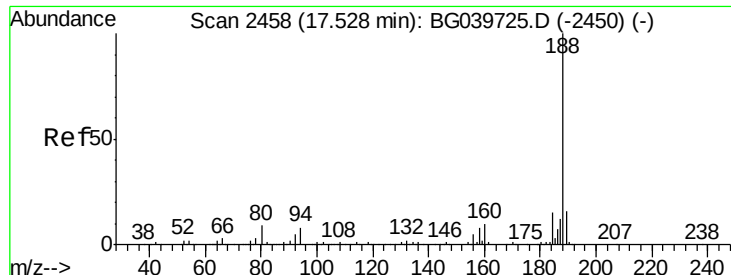


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

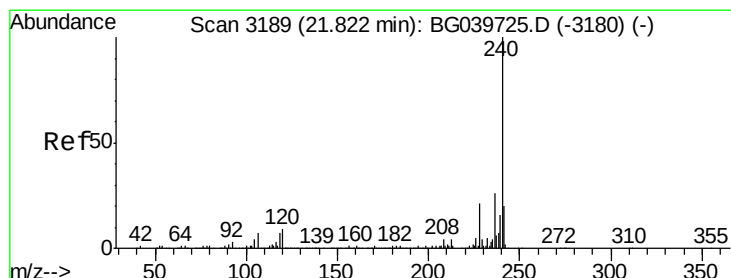
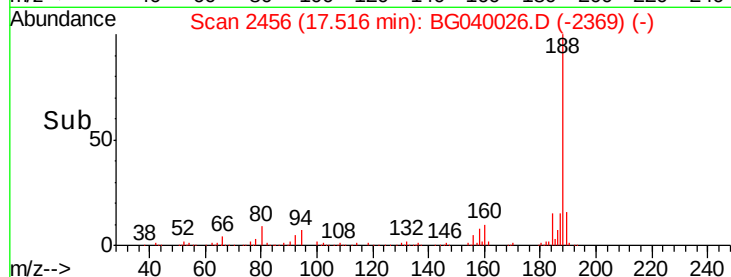
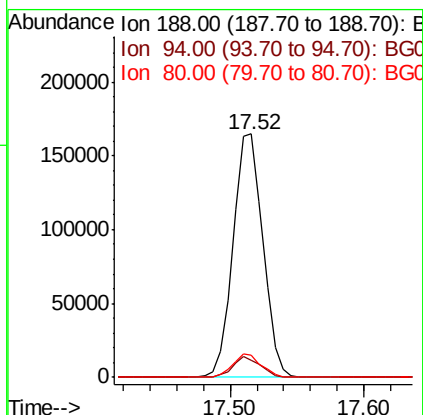
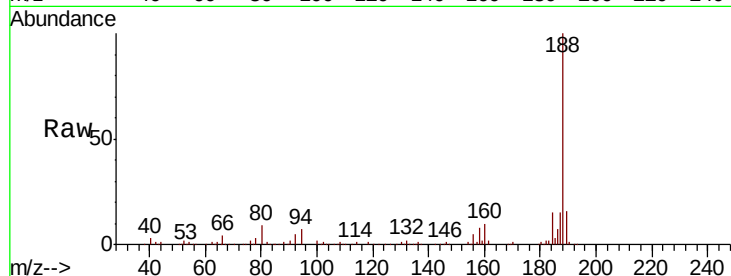




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG040026.D
 Acq: 20 Mar 2019 6:35

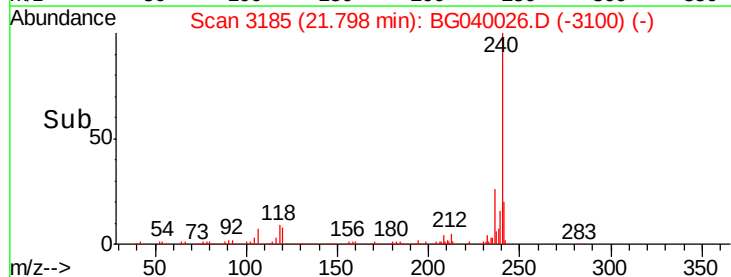
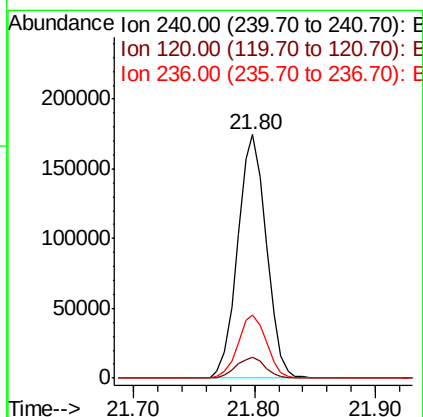
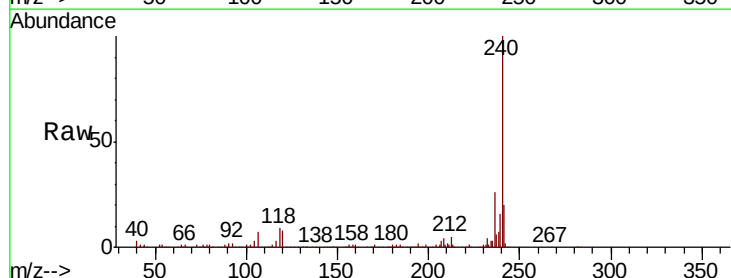
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-031819-A

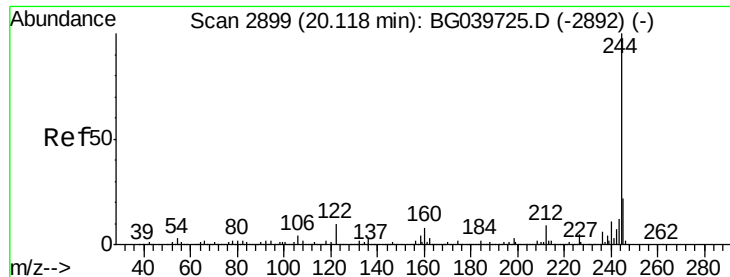
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	9.2	8.1	12.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040026.D
 Acq: 20 Mar 2019 6:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.0	10.6
236	25.7	21.0	31.4





#79

Terphenyl-d14

Concen: 91.149 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040026.D

Acq: 20 Mar 2019 6:35

Instrument :

BNA_G

ClientSampleId :

OR-03-031819-A

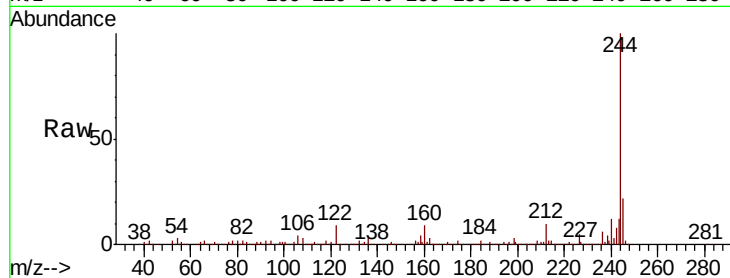
Tot Ion:244 Resp: 1200242

Ion Ratio Lower Upper

244 100

212 9.8 7.3 10.9

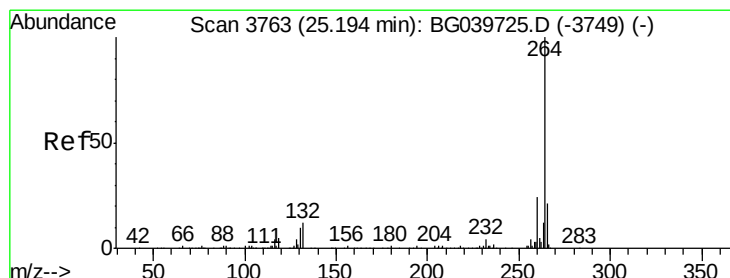
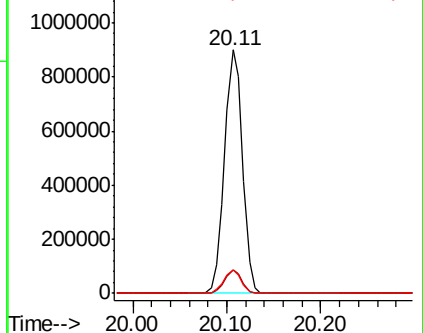
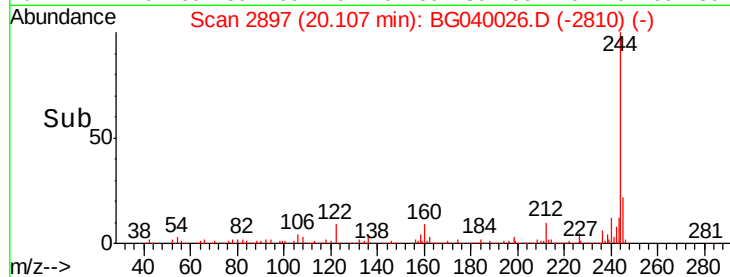
122 9.4 8.4 12.6



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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040026.D

Acq: 20 Mar 2019 6:35

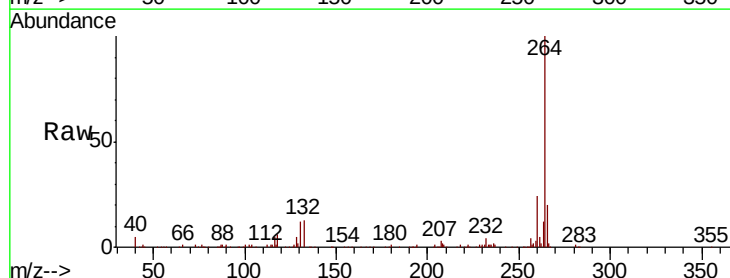
Tgt Ion:264 Resp: 282721

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 20.0 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

