

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040031.D
 Acq On : 20 Mar 2019 9:53
 Operator : JU/SJ
 Sample : K1956-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Mar 20 11:22:35 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	36364	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	155479	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	103686	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	278175	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	305416	20.00	ng	-0.03
87) Perylene-d12	25.16	264	304300	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	282552	132.56	ng	-0.02
7) Phenol-d6	7.29	99	367398	115.60	ng	-0.02
23) Nitrobenzene-d5	9.32	82	286146	99.54	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	181706	150.35	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	654409	89.86	ng	-0.03
79) Terphenyl-d14	20.11	244	1310548	94.48	ng	-0.02

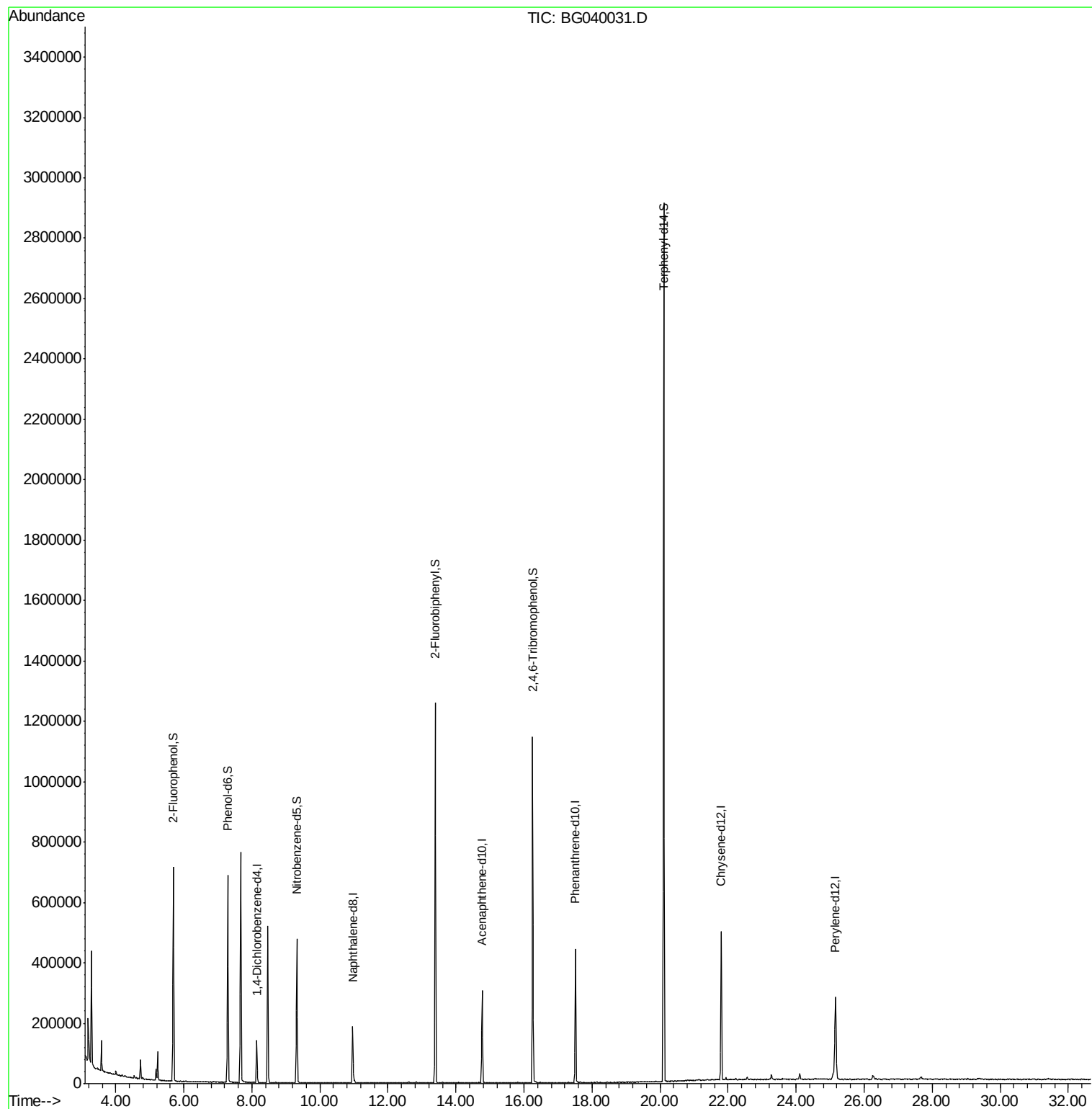
Target Compounds Qvalue

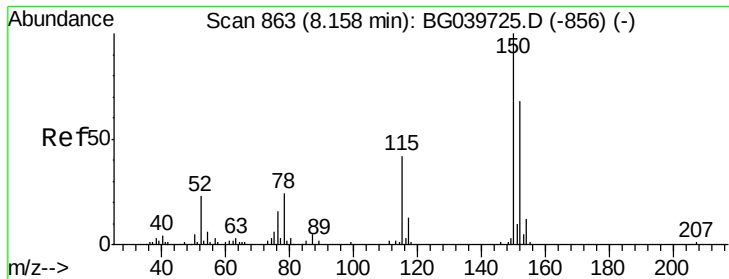
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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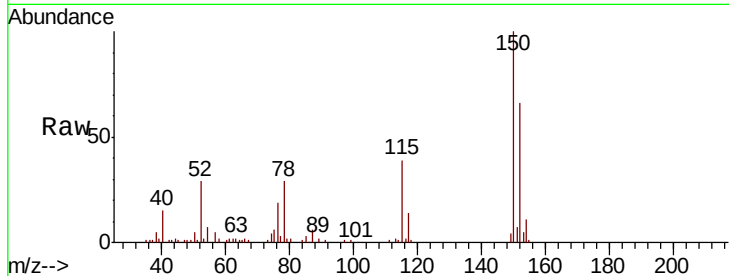


#1

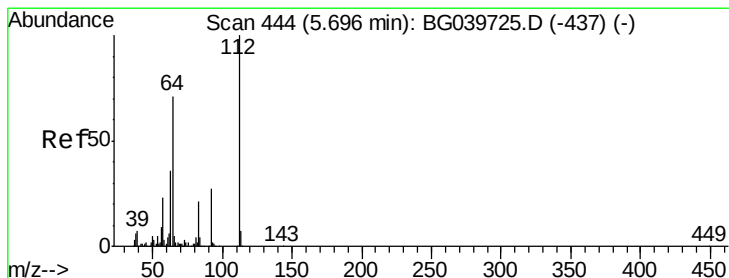
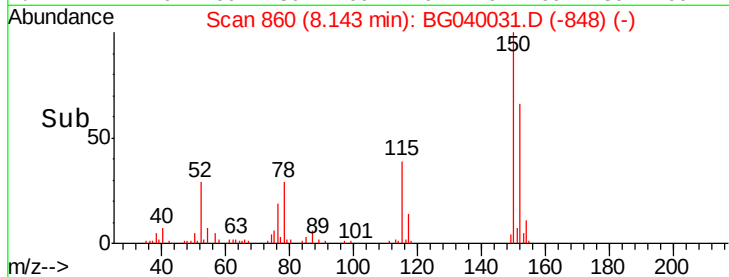
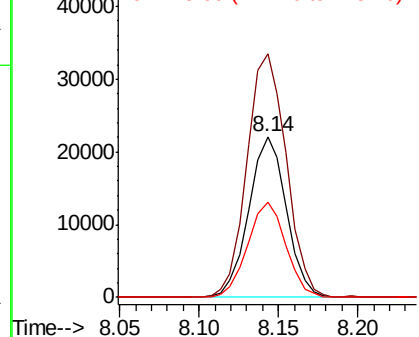
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040031.D
Acq: 20 Mar 2019 9:53

Instrument :
BNA_G
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.7	185.5
115	59.2	45.9	68.9



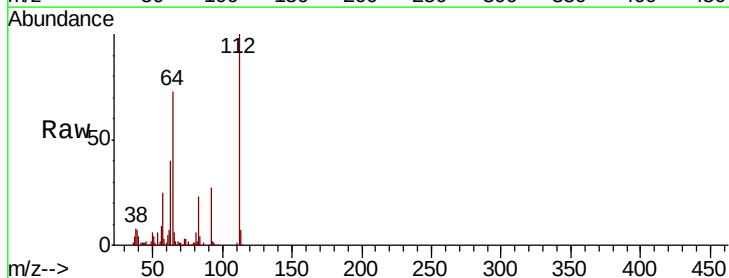
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



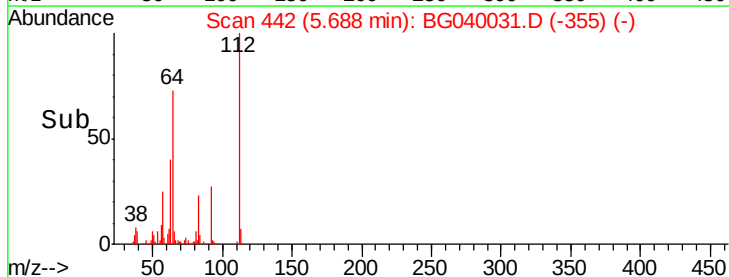
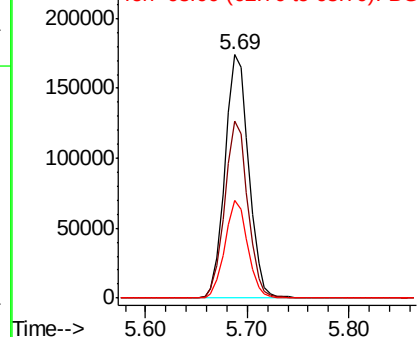
#5

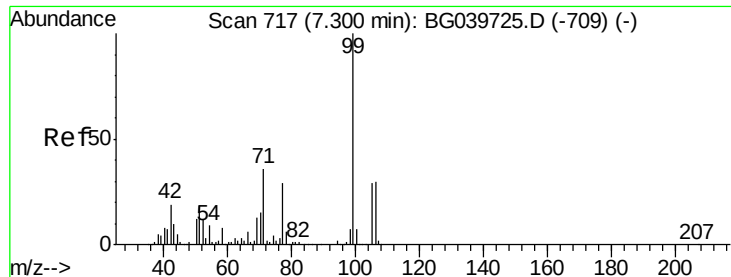
2-Fluorophenol
Concen: 132.559 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040031.D
Acq: 20 Mar 2019 9:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	57.8	86.8
63	40.1	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: 115.598 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040031.D

Acq: 20 Mar 2019 9:53

Instrument :

BNA_G

ClientSampled :

TP-7

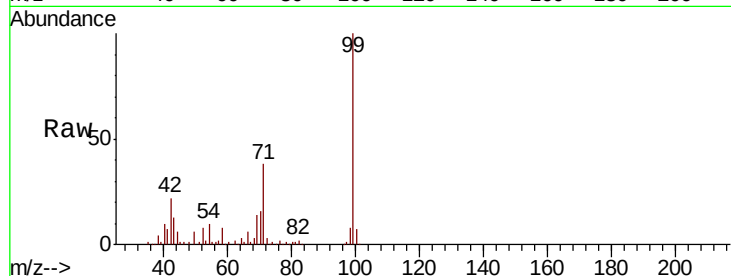
Tot Ion: 99 Resp: 367398

Ion Ratio Lower Upper

99 100

42 22.4 18.2 27.2

71 38.0 28.0 42.0

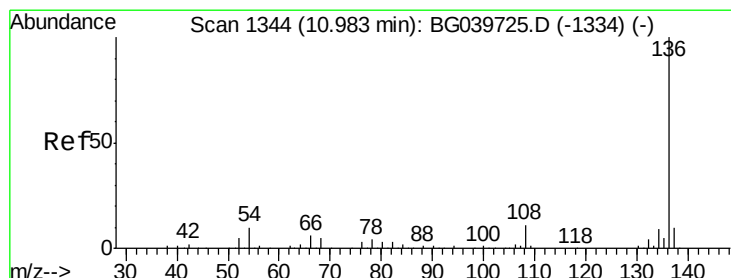
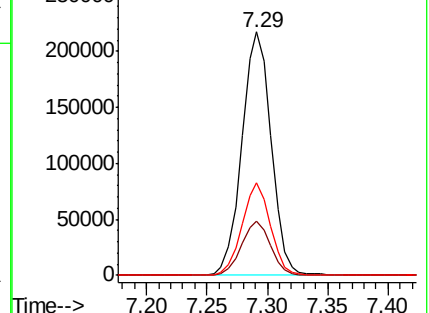
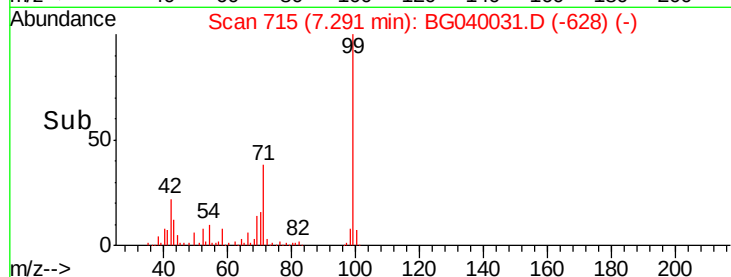


Abundance

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: BG040031.D

Acq: 20 Mar 2019 9:53

Tgt Ion: 136 Resp: 155479

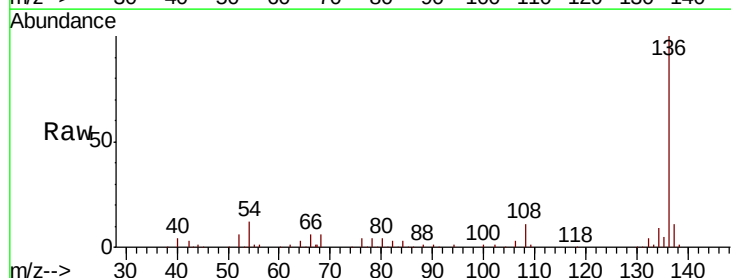
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 11.9 9.4 14.2

68 5.6 4.2 6.4



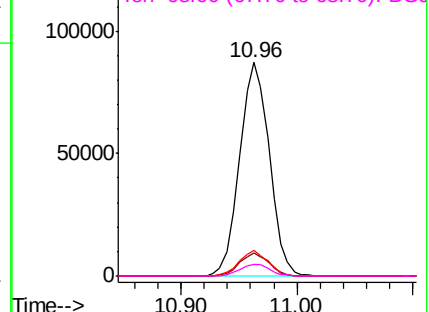
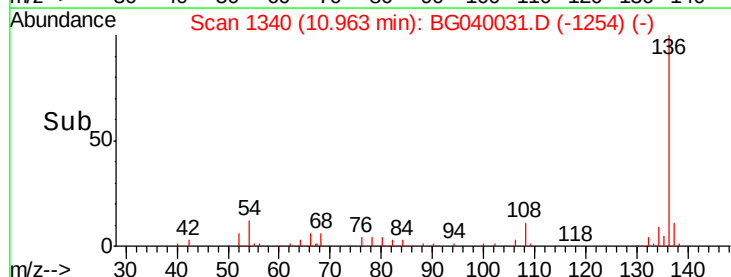
Abundance

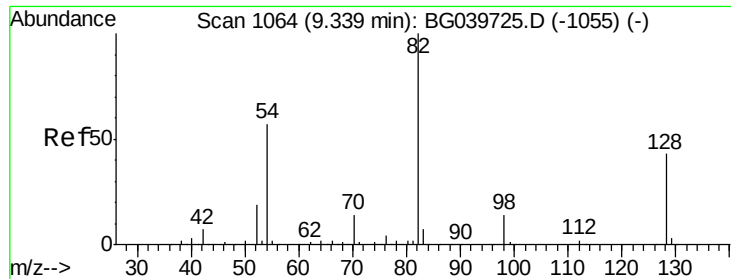
Ion 136.00 (135.70 to 136.70): BGC

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

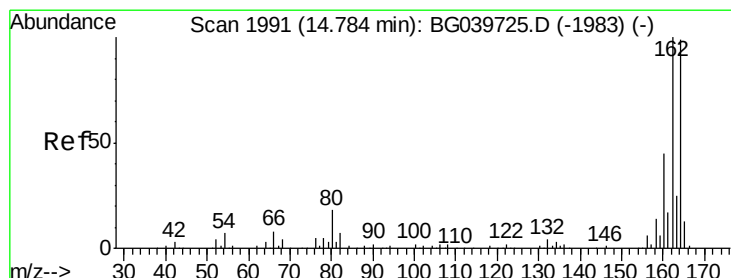
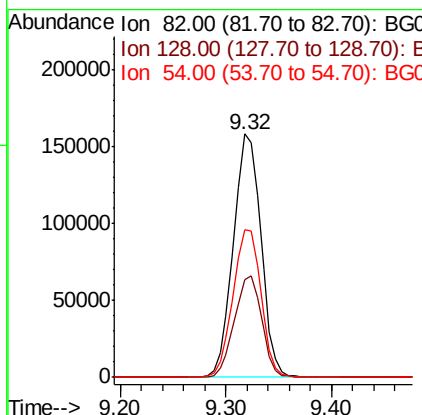
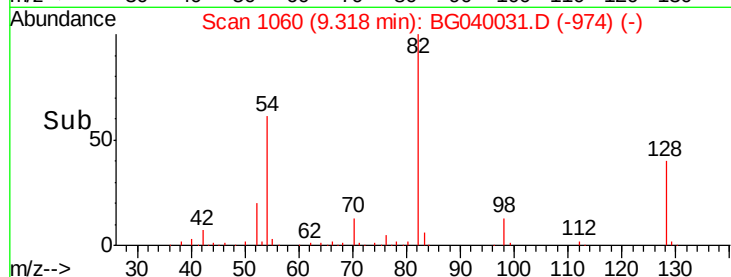
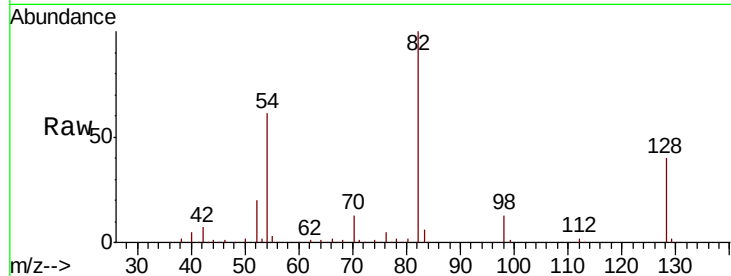




#23
Nitrobenzene-d5
Concen: 99.537 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040031.D
Acq: 20 Mar 2019 9:53

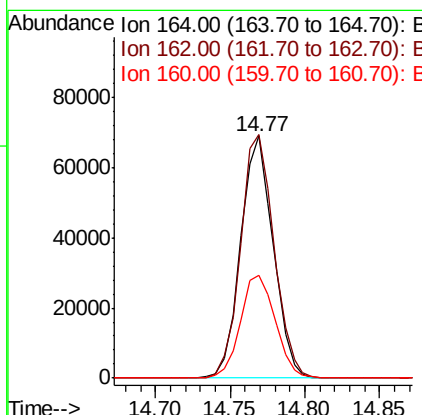
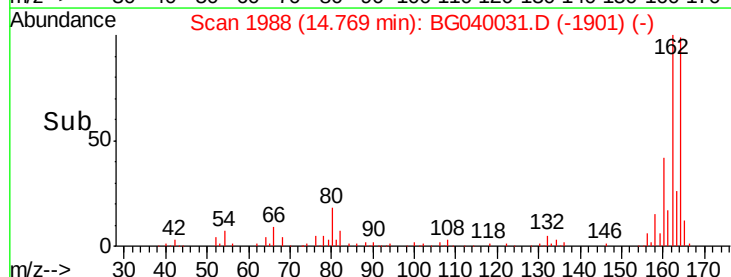
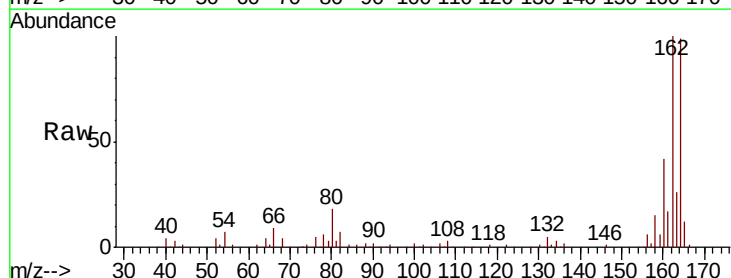
Instrument :
BNA_G
ClientSampleId :
TP-7

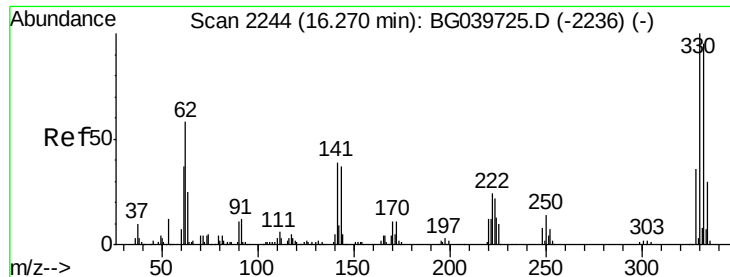
Tot Ion	82.00	Resp	286146
Ion Ratio	Lower	Upper	
82	100		
128	40.1	31.3	46.9
54	60.6	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040031.D
Acq: 20 Mar 2019 9:53

Tgt Ion	164.00	Resp	103686
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.6	122.4
160	42.7	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 150.352 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040031.D

Acq: 20 Mar 2019 9:53

Instrument :

BNA_G

ClientSampleId :

TP-7

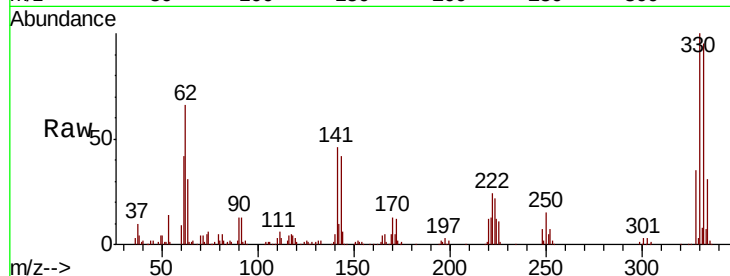
Tot Ion:330 Resp: 181706

Ion Ratio Lower Upper

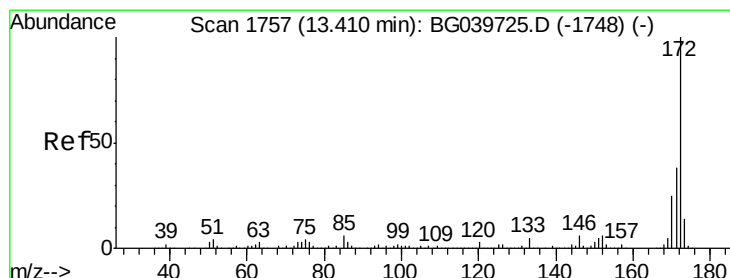
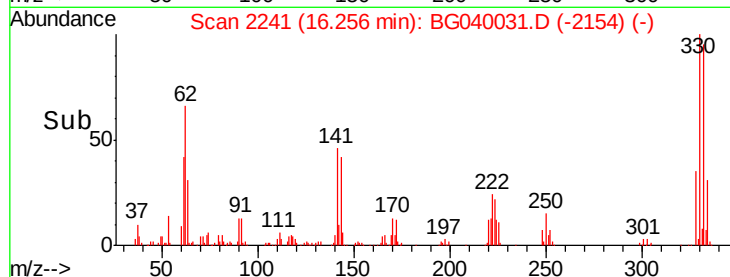
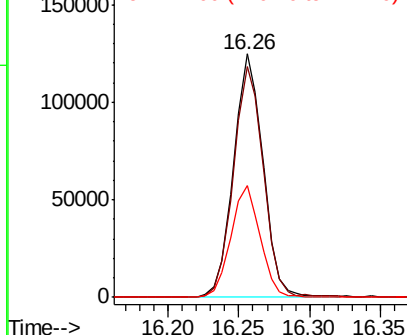
330 100

332 96.5 75.7 113.5

141 45.5 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: 89.864 ng

RT: 13.39 min Scan# 1753

Delta R.T. -0.03 min

Lab File: BG040031.D

Acq: 20 Mar 2019 9:53

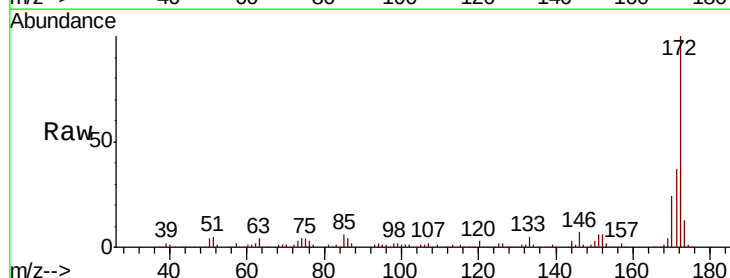
Tgt Ion:172 Resp: 654409

Ion Ratio Lower Upper

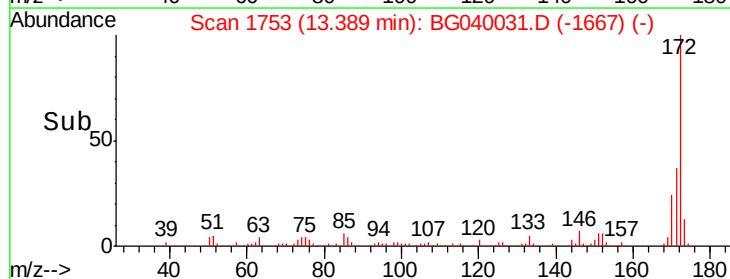
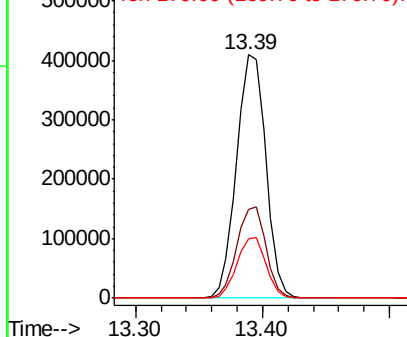
172 100

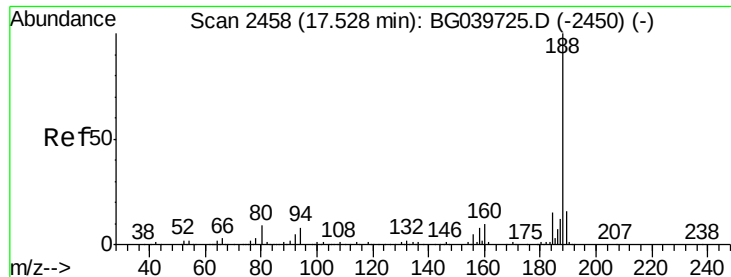
171 36.5 30.8 46.2

170 24.5 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: BG040031.D

Acq: 20 Mar 2019 9:53

Instrument :

BNA_G

ClientSampled :

TP-7

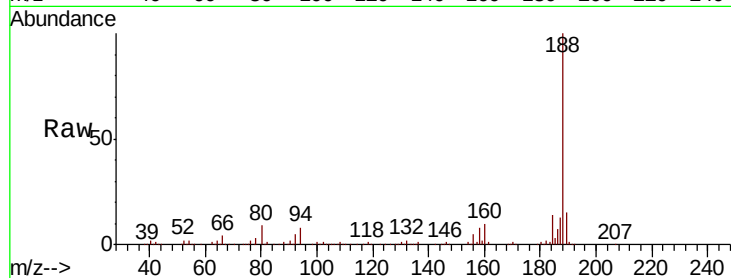
Tot Ion:188 Resp: 278175

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

80 8.9 8.1 12.1



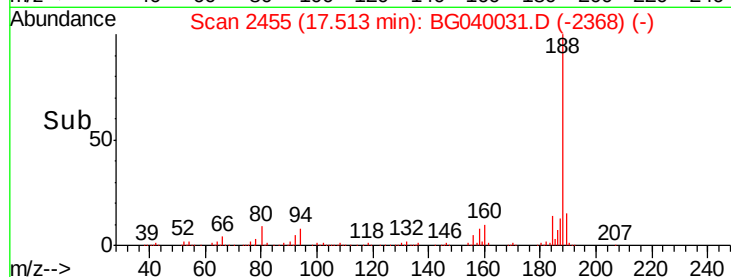
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

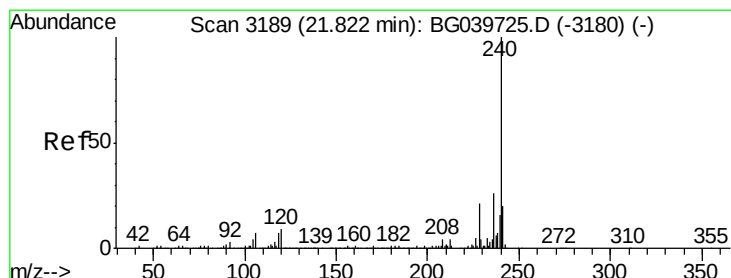
Ion 80.00 (79.70 to 80.70): BG

17.51

17.50 17.60



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040031.D

Acq: 20 Mar 2019 9:53

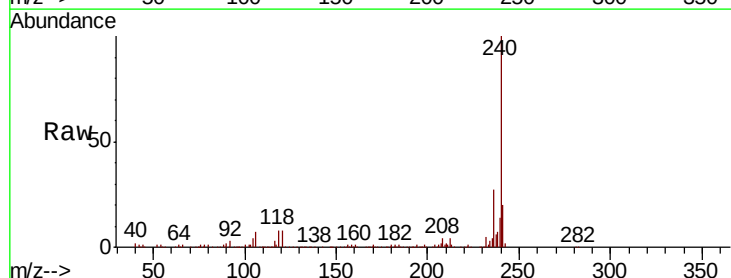
Tgt Ion:240 Resp: 305416

Ion Ratio Lower Upper

240 100

120 8.4 7.0 10.6

236 26.8 21.0 31.4



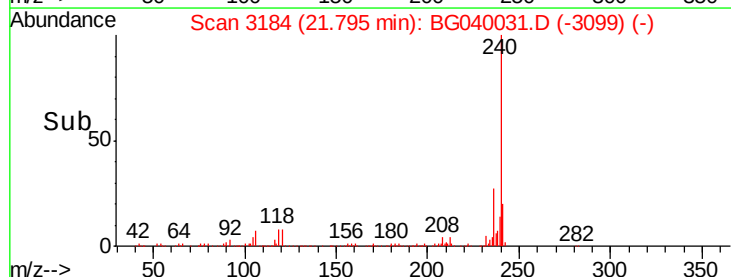
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

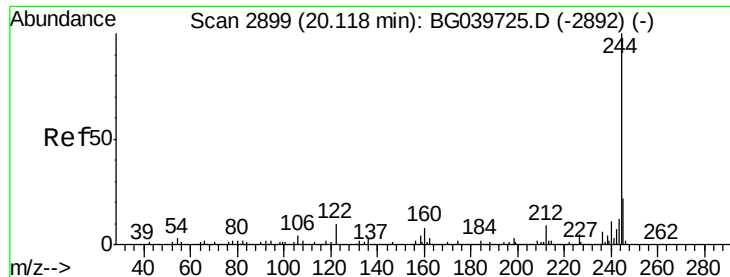
Ion 236.00 (235.70 to 236.70): E

21.80

21.70 21.80



Time-->



#79

Terphenyl-d14

Concen: 94.480 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040031.D

Acq: 20 Mar 2019 9:53

Instrument :

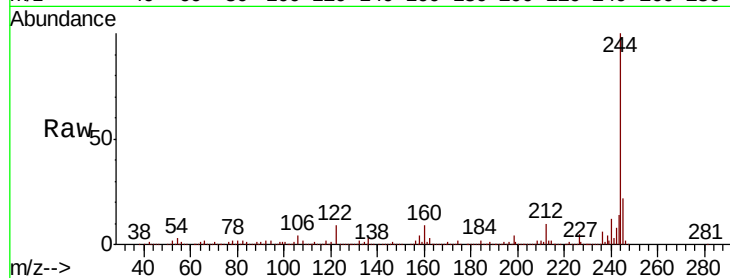
BNA_G

ClientSampleId :

TP-7

Tot Ion:244 Resp: 1310548

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.3	10.9
122	9.3	8.4	12.6

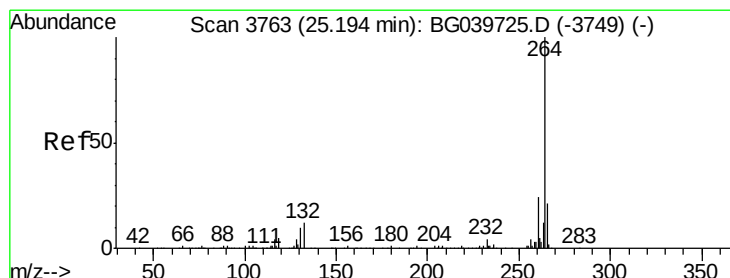
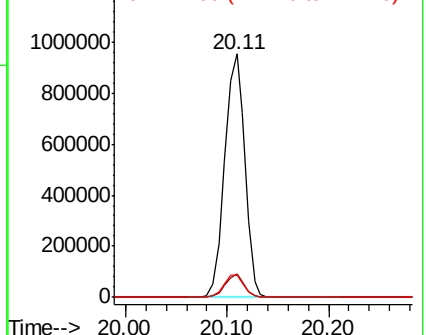
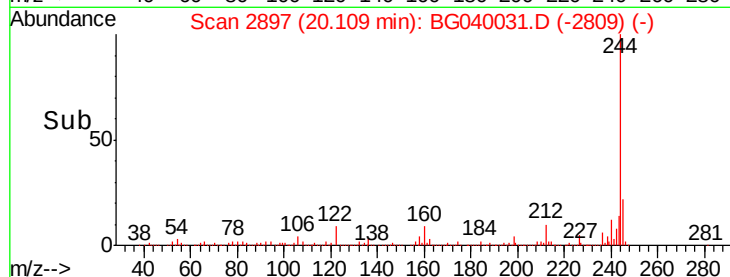


Abundance

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# 3756

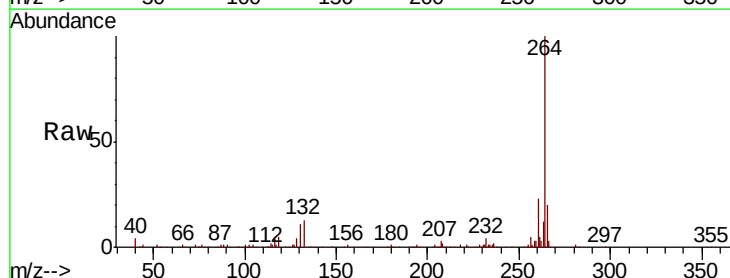
Delta R.T. -0.04 min

Lab File: BG040031.D

Acq: 20 Mar 2019 9:53

Tgt Ion:264 Resp: 304300

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	19.8	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

