

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040222.D
 Acq On : 29 Mar 2019 6:22
 Operator : JU/SJ
 Sample : K2107-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Mar 29 08:21:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	57814	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	241222	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	146899	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	376489	20.00	ng	0.00
76) Chrysene-d12	21.72	240	407407	20.00	ng	0.00
87) Perylene-d12	25.02	264	400628	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	419710	120.69	ng	0.00
7) Phenol-d6	7.22	99	532348	110.76	ng	0.00
23) Nitrobenzene-d5	9.25	82	383938	84.60	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	214079	134.84	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	808068	81.51	ng	0.00
79) Terphenyl-d14	20.05	244	1468824	81.11	ng	0.00

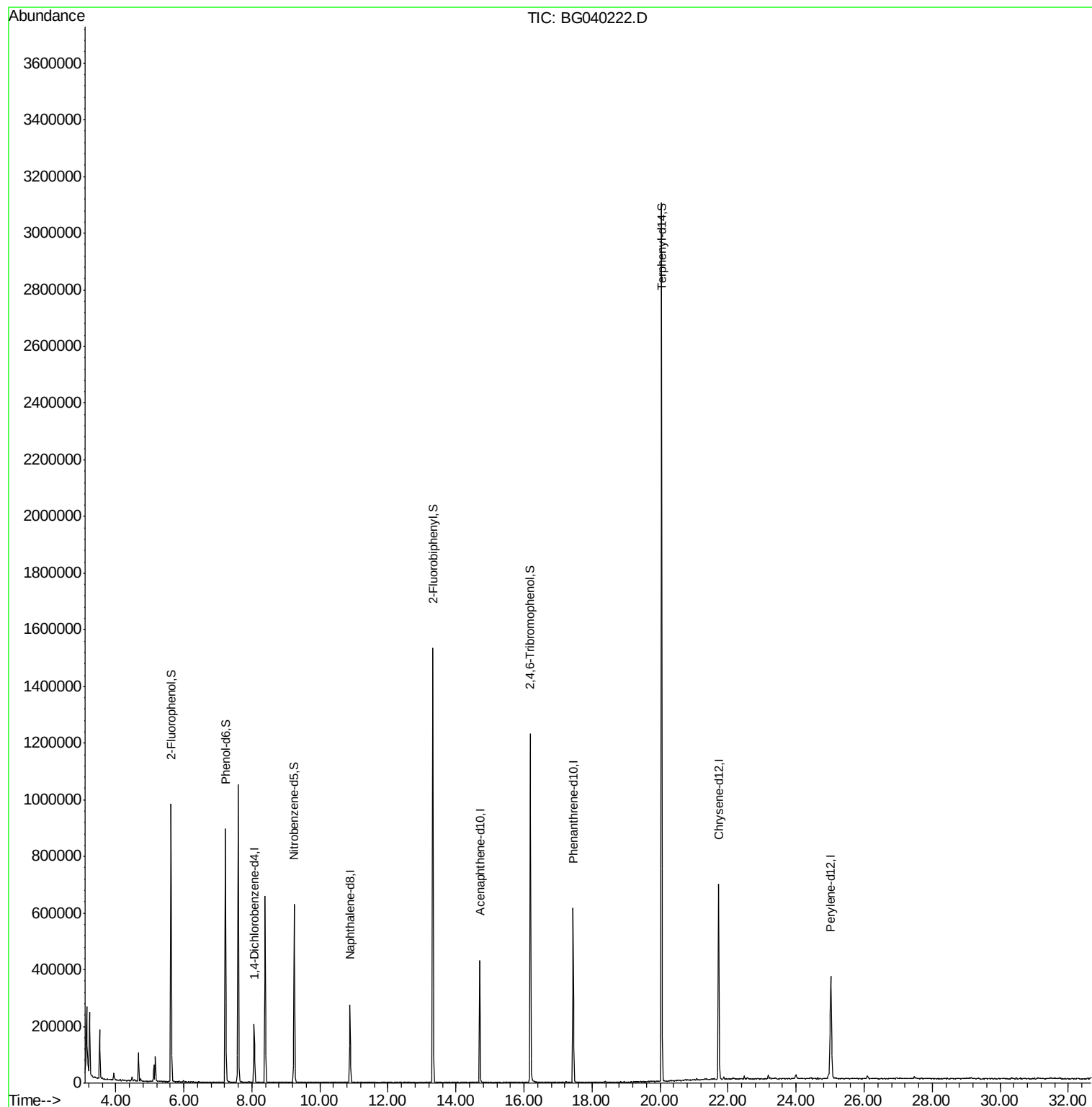
Target Compounds Qvalue

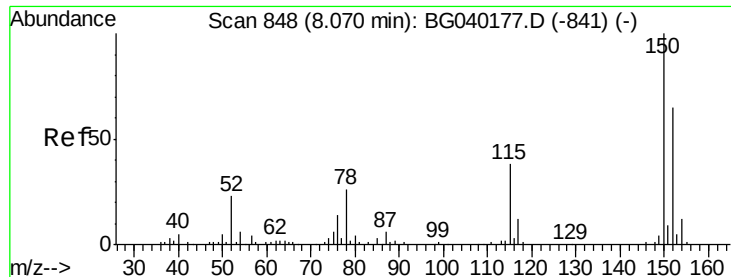
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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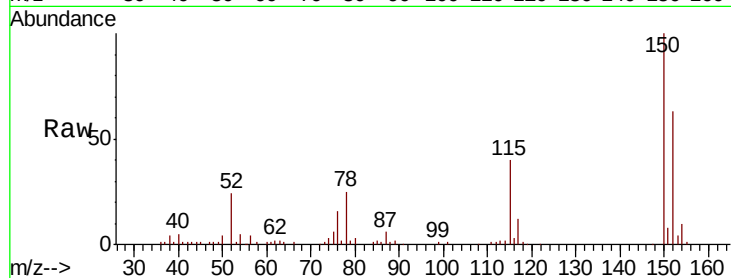


#1

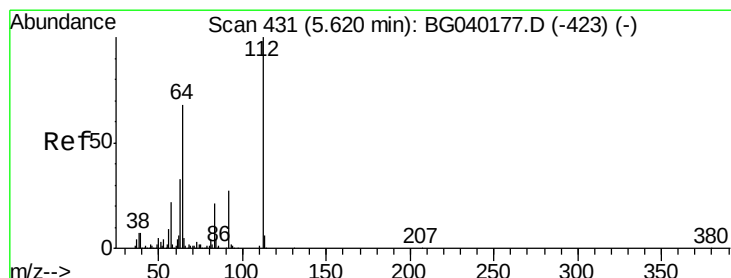
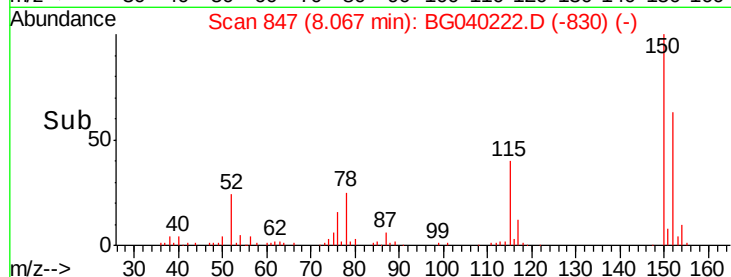
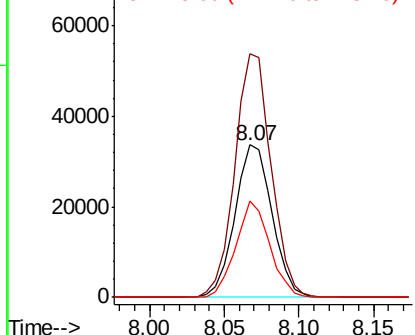
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040222.D
Acq: 29 Mar 2019 6:22

Instrument :
BNA_G
ClientSampleId :
TP-4

Tot Ion:152 Resp: 57814
Ion Ratio Lower Upper
152 100
150 159.7 123.7 185.5
115 63.6 46.9 70.3



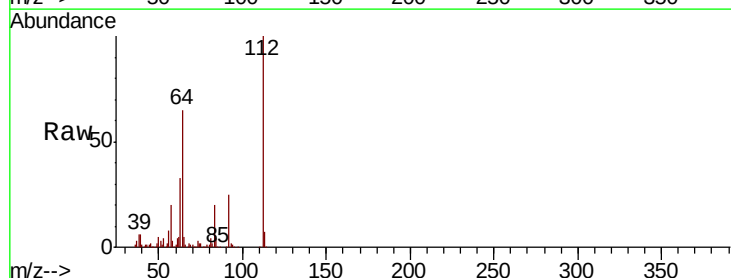
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



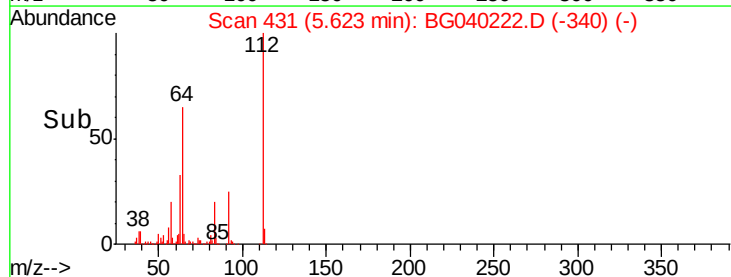
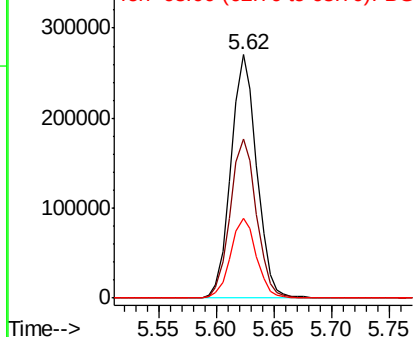
#5

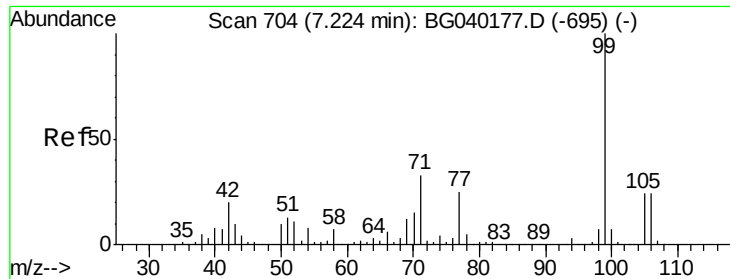
2-Fluorophenol
Concen: 120.685 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040222.D
Acq: 29 Mar 2019 6:22

Tgt Ion:112 Resp: 419710
Ion Ratio Lower Upper
112 100
64 65.1 54.2 81.2
63 33.0 26.4 39.6



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: 110.761 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040222.D

Acq: 29 Mar 2019 6:22

Instrument :

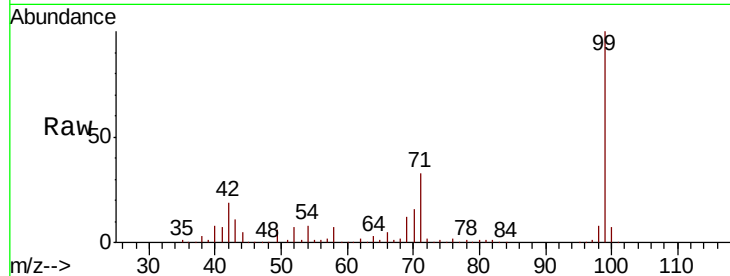
BNA_G

ClientSampleId :

TP-4

Tot Ion: 99 Resp: 532348

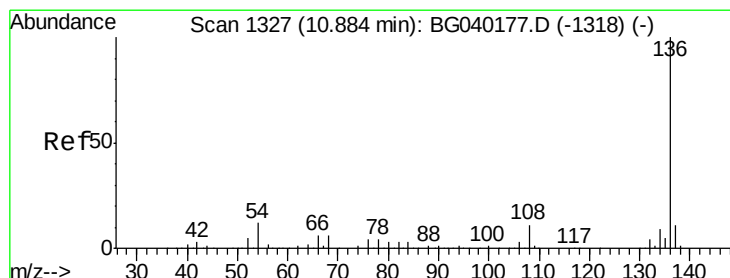
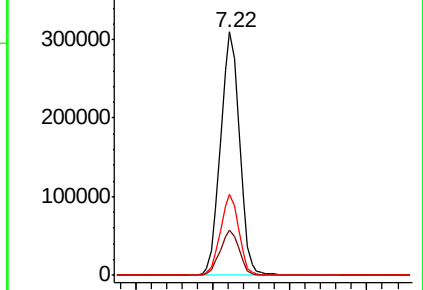
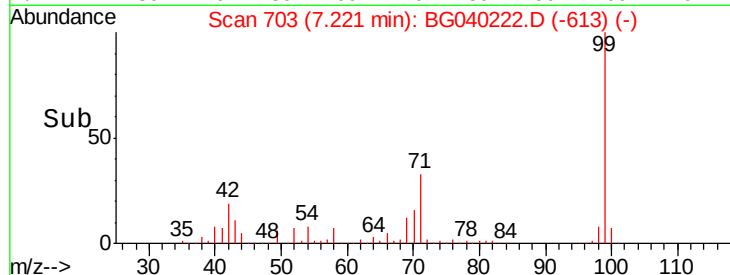
Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.2	24.2
71	33.4	26.8	40.2



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: 10.88 min Scan# 1326

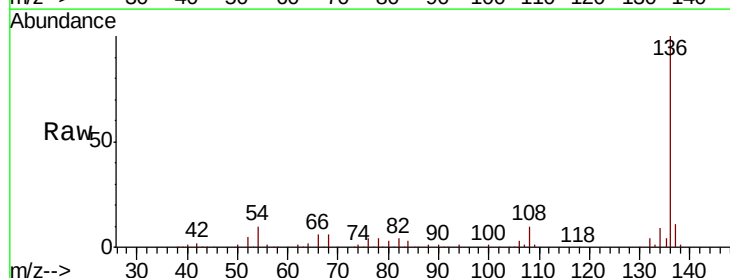
Delta R.T. -0.00 min

Lab File: BG040222.D

Acq: 29 Mar 2019 6:22

Tgt Ion: 136 Resp: 241222

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	9.6	14.4
68	6.0	5.1	7.7

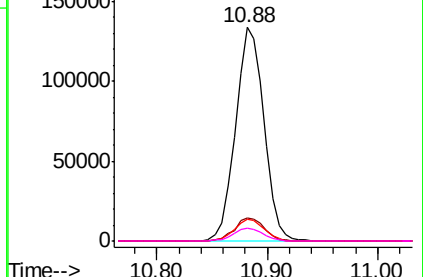
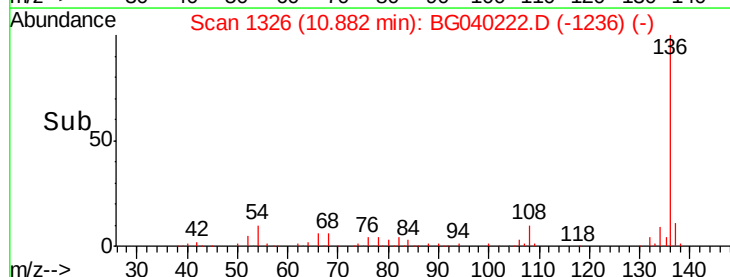


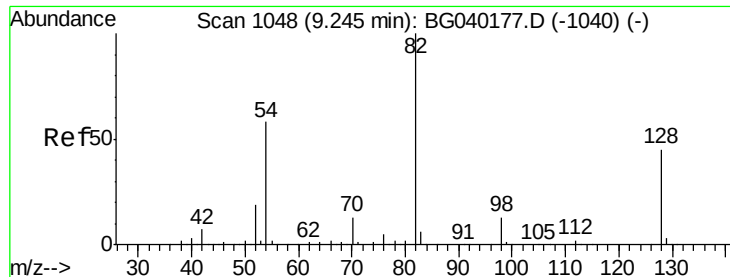
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

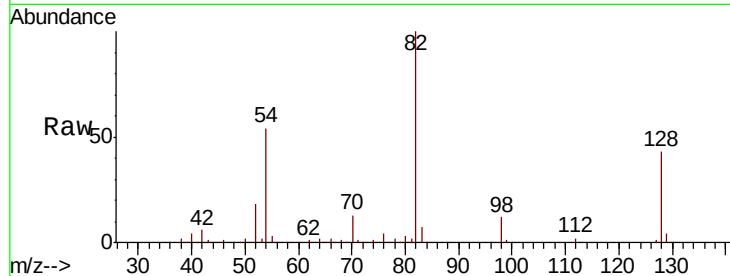




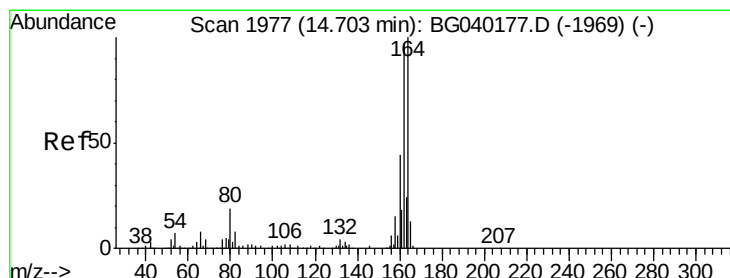
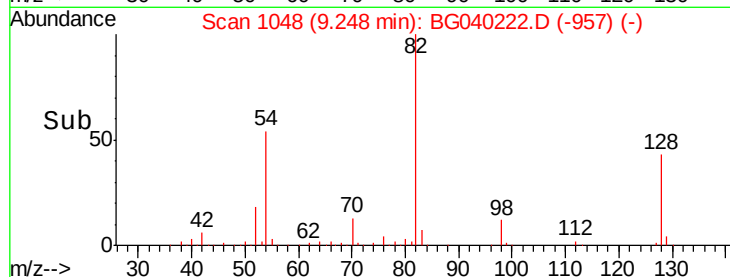
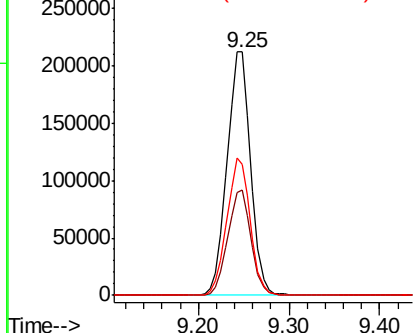
#23
Nitrobenzene-d5
Concen: 84.601 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040222.D
Acq: 29 Mar 2019 6:22

Instrument :
BNA_G
ClientSampled :
TP-4

Tot Ion	82	Resp	383938
Ion Ratio	100	Lower	Upper
128	43.0	35.8	53.8
54	54.0	46.2	69.2

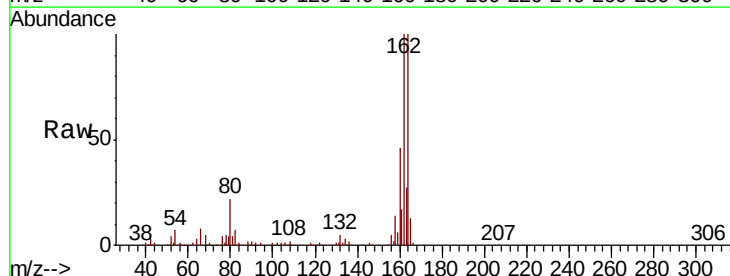


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

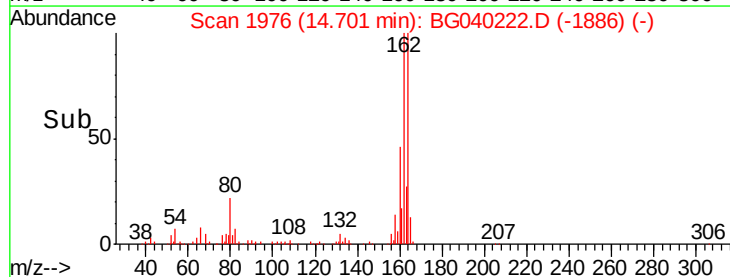
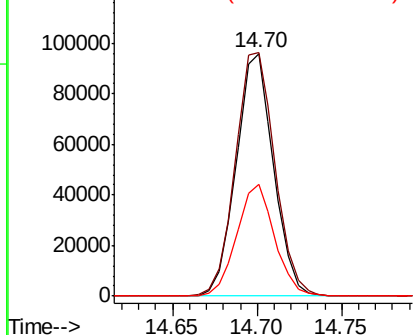


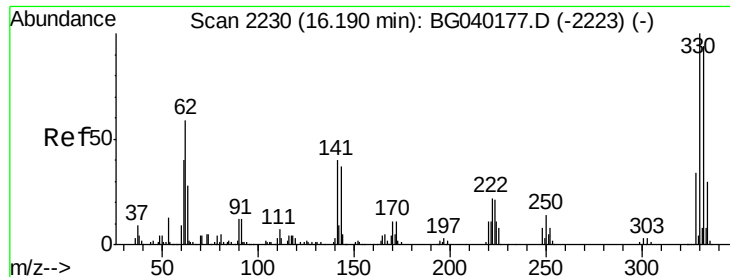
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040222.D
Acq: 29 Mar 2019 6:22

Tgt Ion	164	Resp	146899
Ion Ratio	100	Lower	Upper
162	100.4	77.4	116.2
160	45.9	35.3	52.9



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

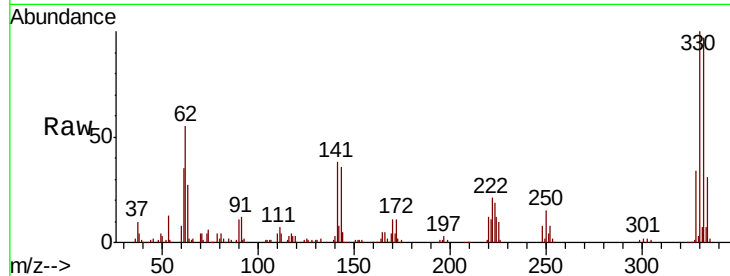




#42
 2,4,6-Tribromophenol
 Concen: 134.845 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG040222.D
 Acq: 29 Mar 2019 6:22

Instrument :
 BNA_G
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.8	32.6	48.8

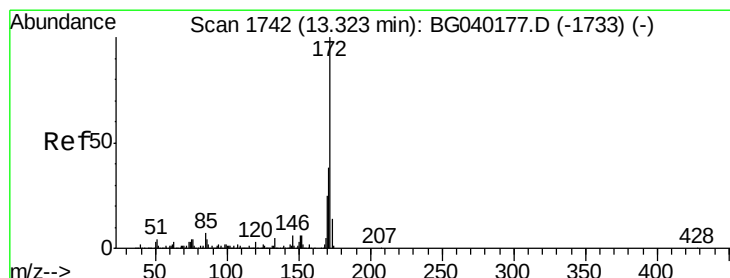
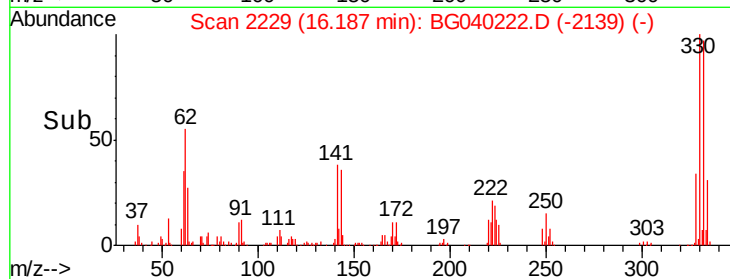
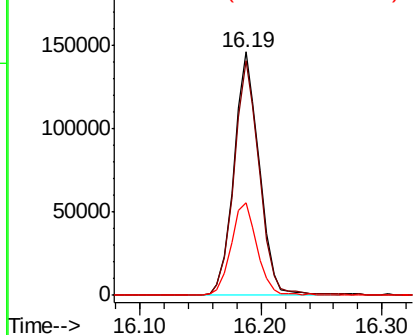


Abundance

Ion 329.80 (329.50 to 330.50): E

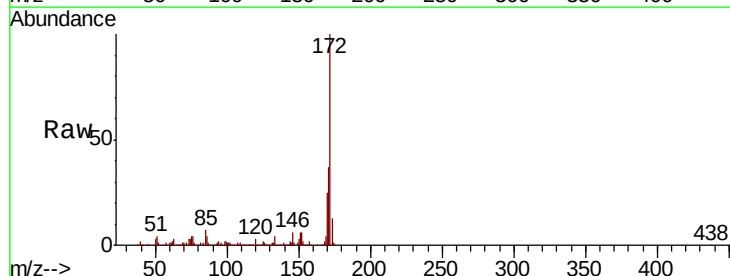
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.509 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG040222.D
 Acq: 29 Mar 2019 6:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.8	20.1	30.1

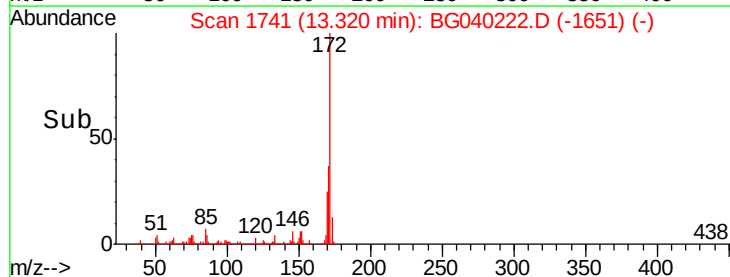
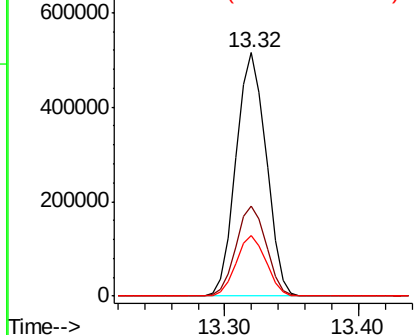


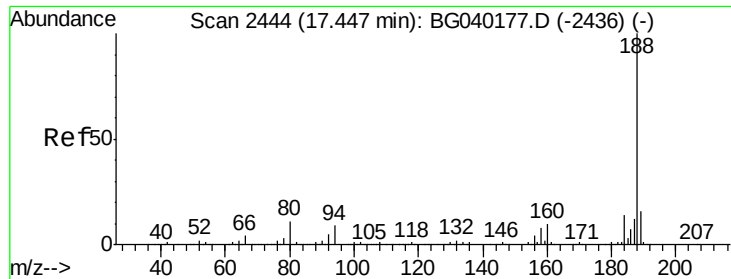
Abundance

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

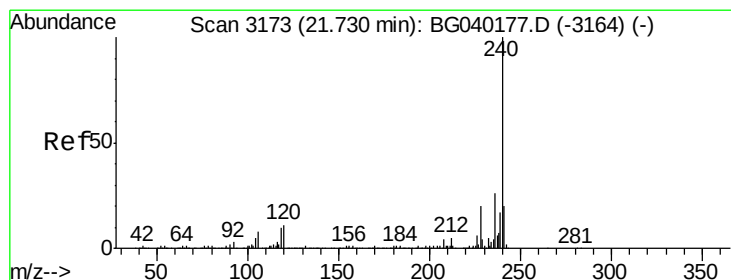
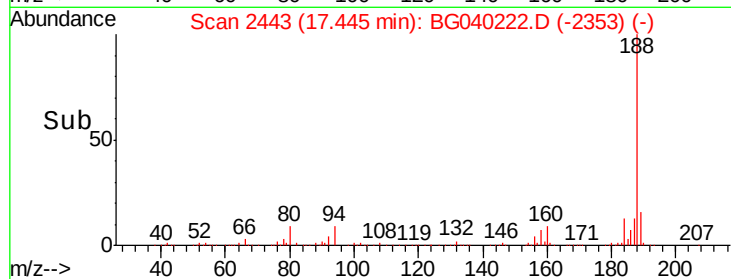
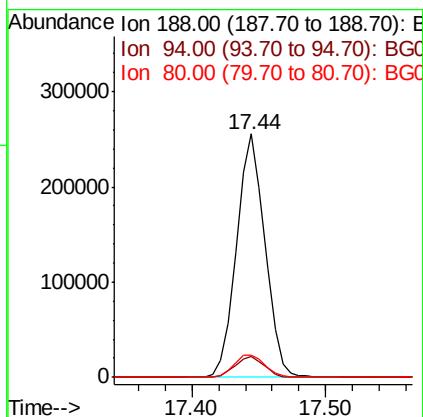
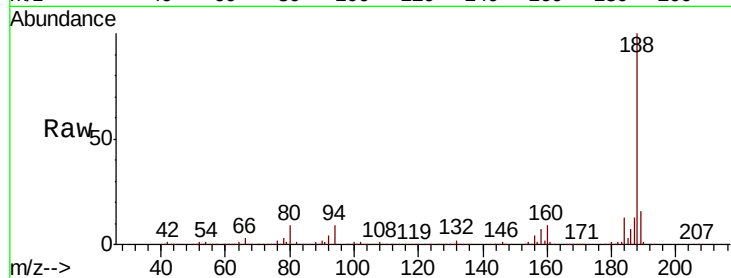




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG040222.D
Acq: 29 Mar 2019 6:22

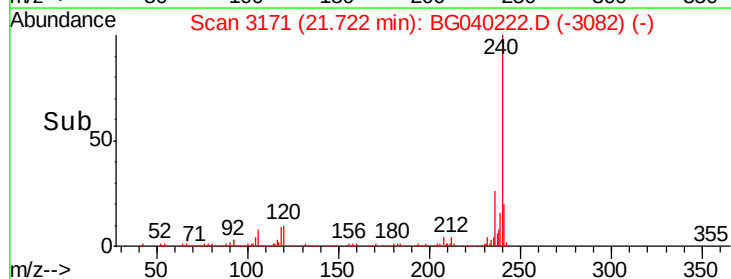
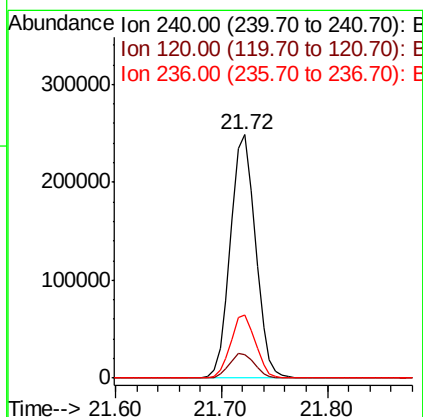
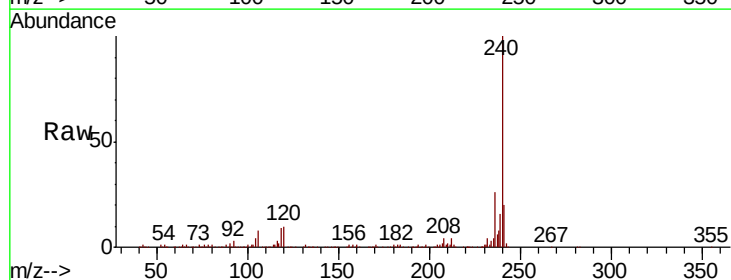
Instrument :
BNA_G
ClientSampleId :
TP-4

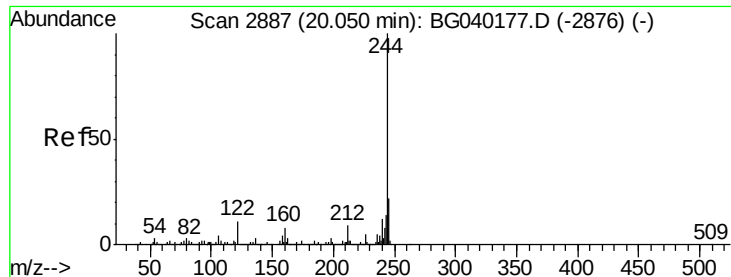
Tot Ion:188 Resp: 376489
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.2 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG040222.D
Acq: 29 Mar 2019 6:22

Tgt Ion:240 Resp: 407407
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 81.107 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040222.D

Acq: 29 Mar 2019 6:22

Instrument :

BNA_G

ClientSampled :

TP-4

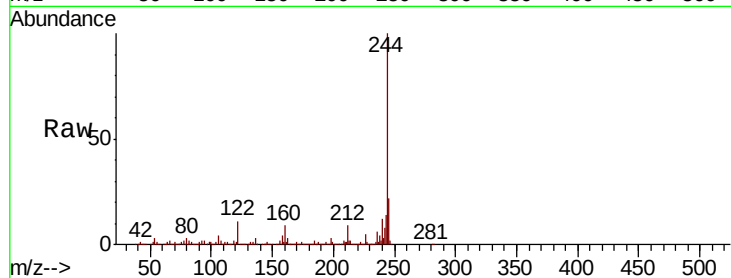
Tot Ion:244 Resp: 1468824

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

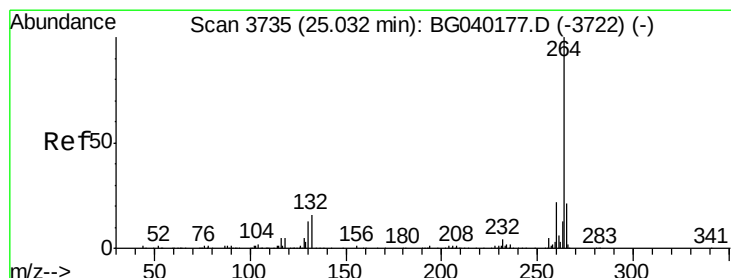
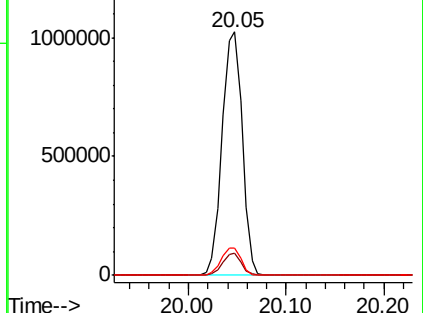
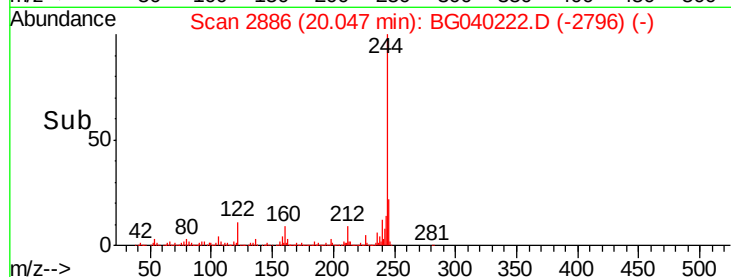
122 11.4 8.5 12.7



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG040222.D

Acq: 29 Mar 2019 6:22

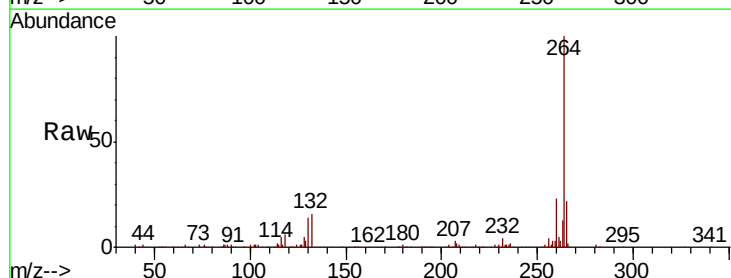
Tgt Ion:264 Resp: 400628

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.8 16.8 25.2



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

