

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041009.D
 Acq On : 1 Jun 2019 12:59
 Operator : HP/JU
 Sample : K3104-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 251810

Quant Time: Jun 03 02:33:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

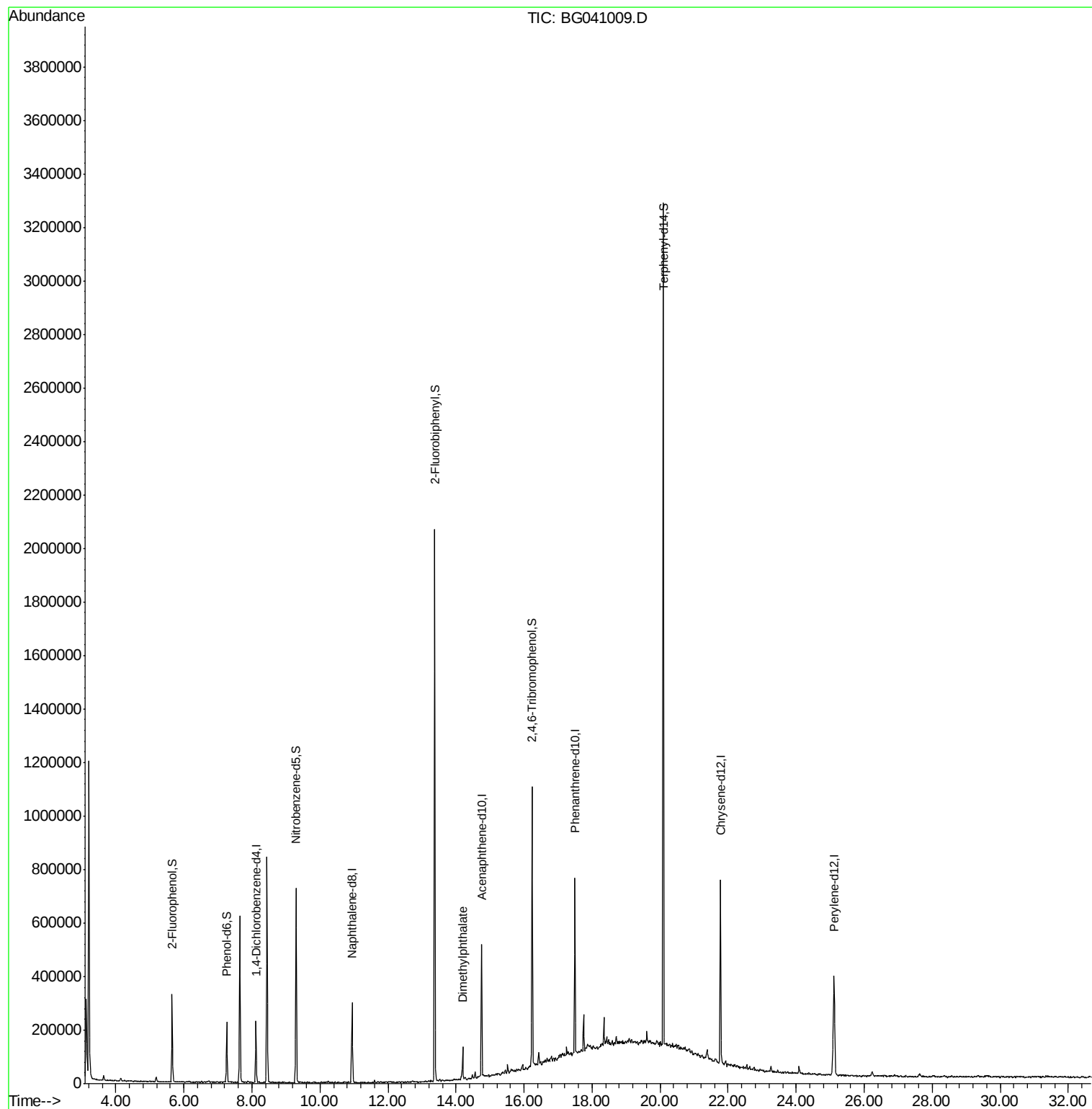
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61095	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	240435	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	177042	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	397621	20.00	ng	0.00
76) Chrysene-d12	21.77	240	413523	20.00	ng	-0.01
87) Perylene-d12	25.11	264	440164	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	131173	38.72	ng	0.00
7) Phenol-d6	7.26	99	122565	23.42	ng	0.00
23) Nitrobenzene-d5	9.29	82	441331	81.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.24	330	205607	78.23	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1029725	83.76	ng	-0.01
79) Terphenyl-d14	20.09	244	1496467	76.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.19	163	72501	4.838	ng	Qvalue 99

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

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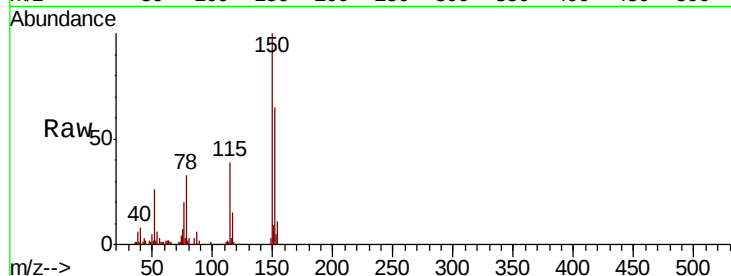


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Instrument :
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ClientSampleId :
251810

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	120.6	180.8
115	60.2	45.1	67.7

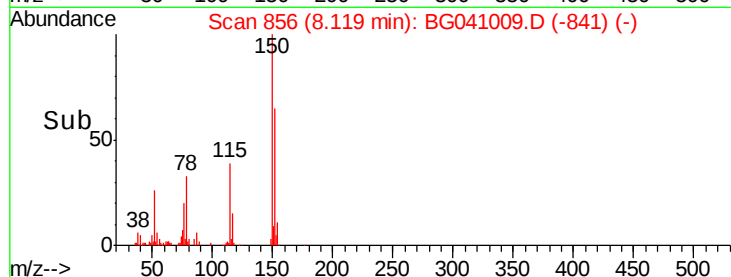
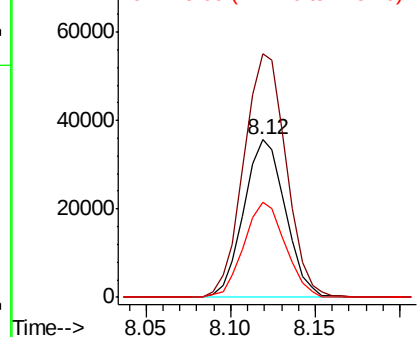


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

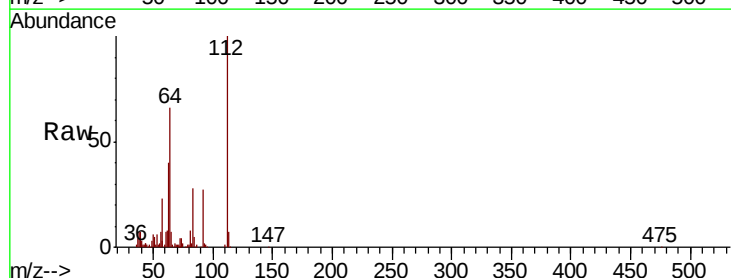
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.716 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	56.2	84.2
63	39.8	32.8	49.2

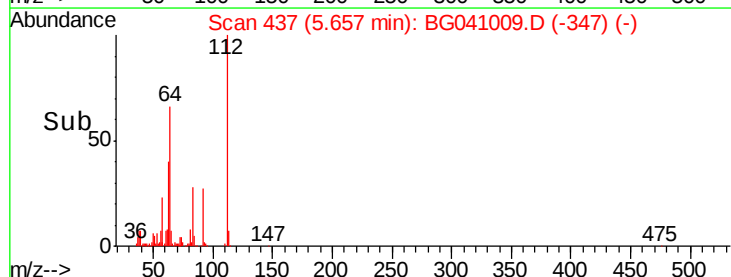
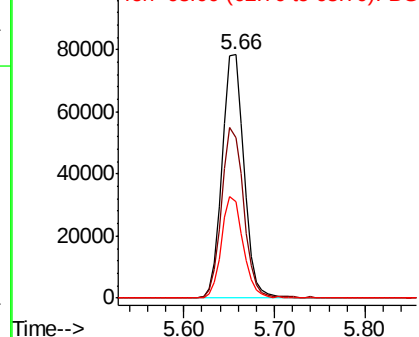


Abundance

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: 23.423 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041009.D

Acq: 1 Jun 2019 12:59

Instrument :

BNA_G

ClientSampleId :

251810

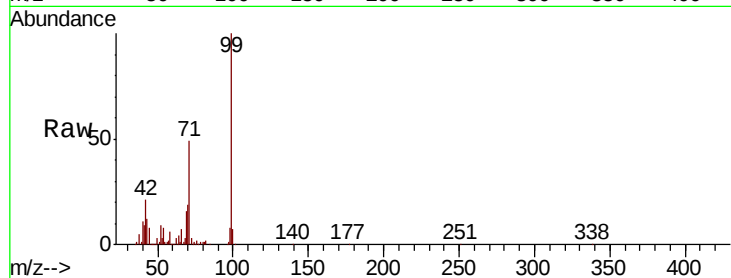
Tot Ion: 99 Resp: 122565

Ion Ratio Lower Upper

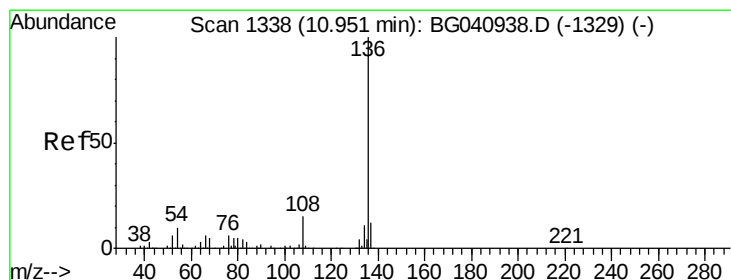
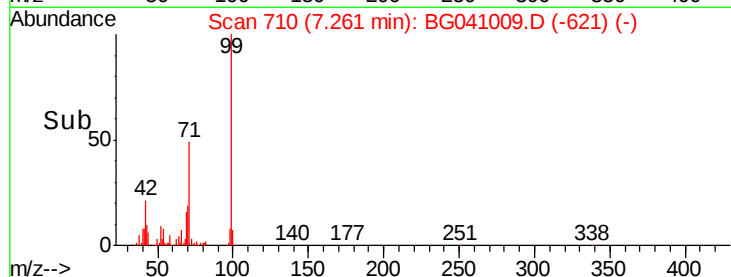
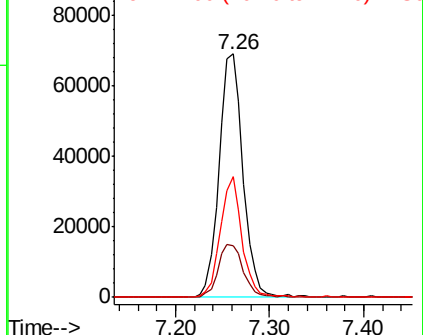
99 100

42 20.9 17.9 26.9

71 49.4 35.4 53.0



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: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG041009.D

Acq: 1 Jun 2019 12:59

Tgt Ion: 136 Resp: 240435

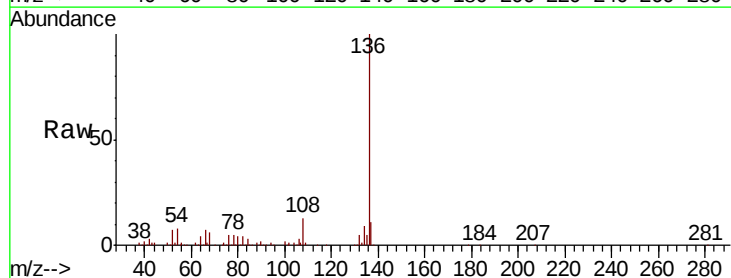
Ion Ratio Lower Upper

136 100

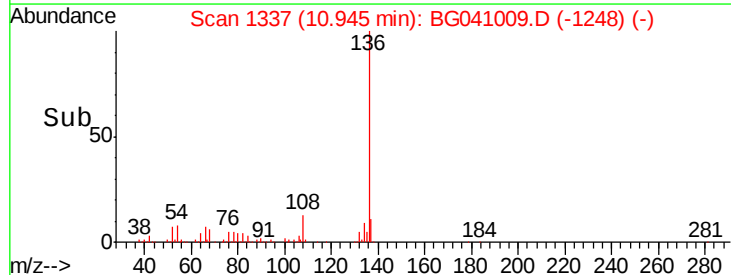
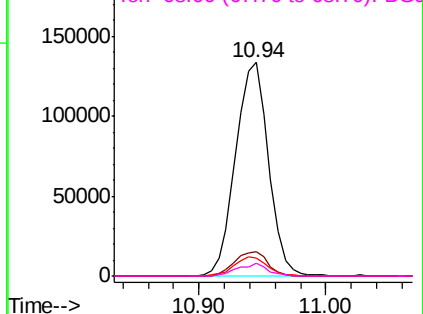
137 11.3 9.5 14.3

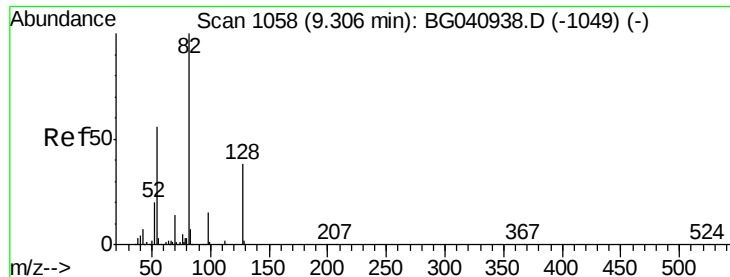
54 8.4 7.6 11.4

68 5.7 3.9 5.9



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

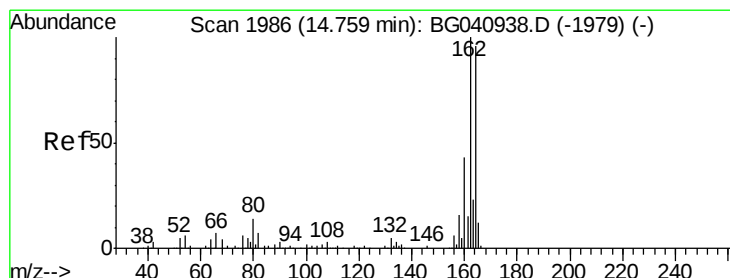
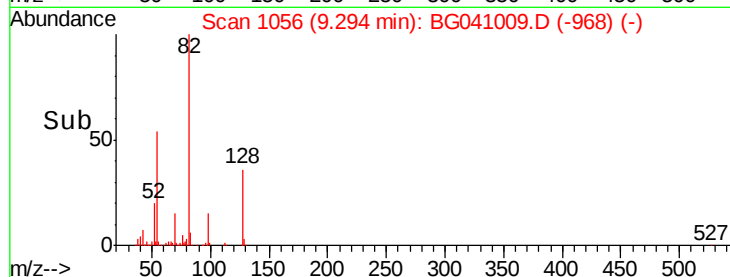
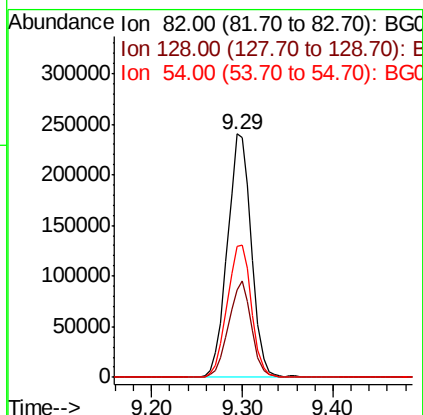
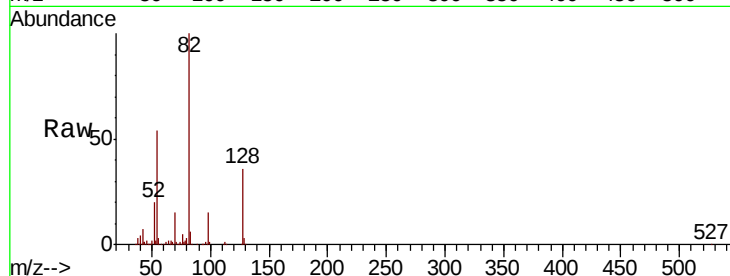




#23
Nitrobenzene-d5
Concen: 81.487 ng
RT: 9.29 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

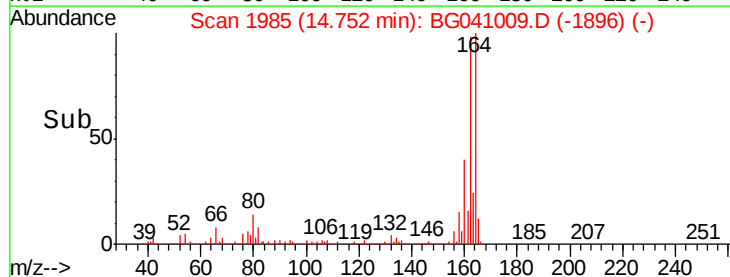
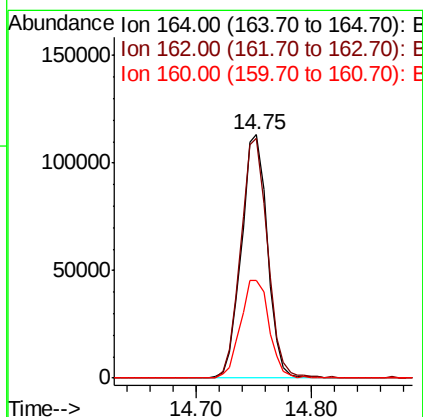
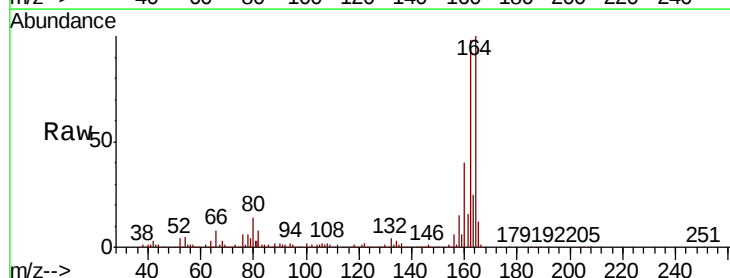
Instrument :
BNA_G
ClientSampleId :
251810

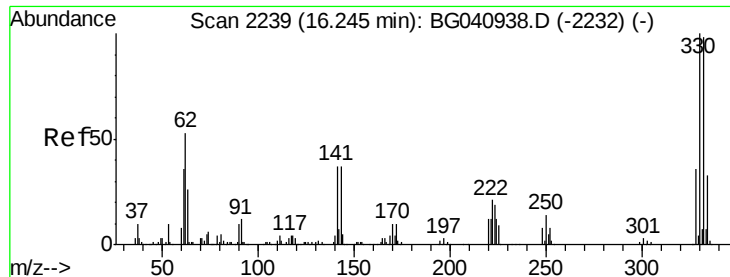
Tot Ion: 82 Resp: 441331
Ion Ratio Lower Upper
82 100
128 35.7 30.5 45.7
54 53.7 44.6 66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion: 164 Resp: 177042
Ion Ratio Lower Upper
164 100
162 98.5 83.0 124.4
160 40.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 78.228 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041009.D

Acq: 1 Jun 2019 12:59

Instrument :

BNA_G

ClientSampleId :

251810

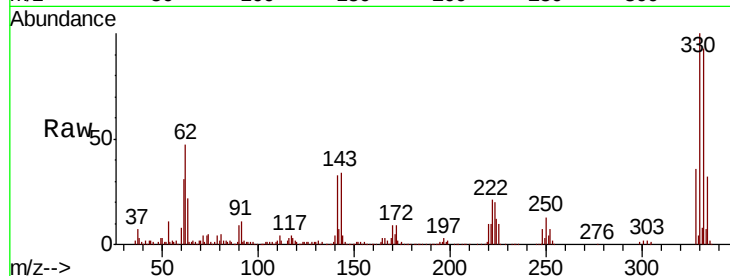
Tot Ion:330 Resp: 205607

Ion Ratio Lower Upper

330 100

332 94.0 78.5 117.7

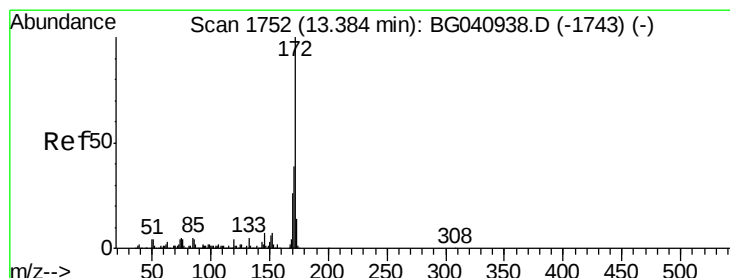
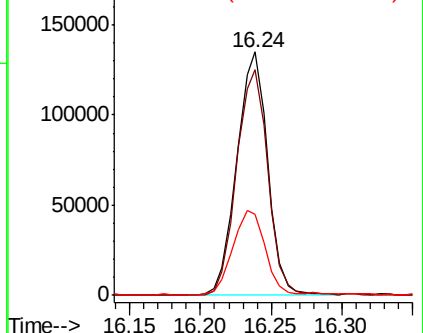
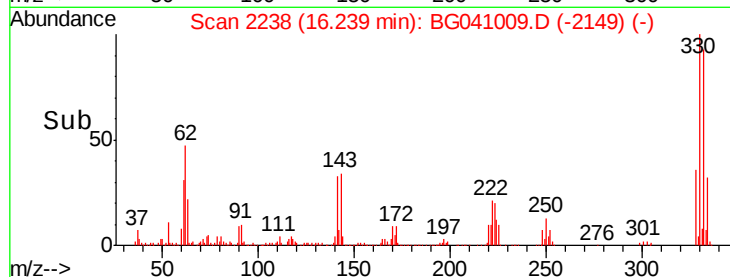
141 35.8 28.7 43.1



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: 83.761 ng

RT: 13.37 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG041009.D

Acq: 1 Jun 2019 12:59

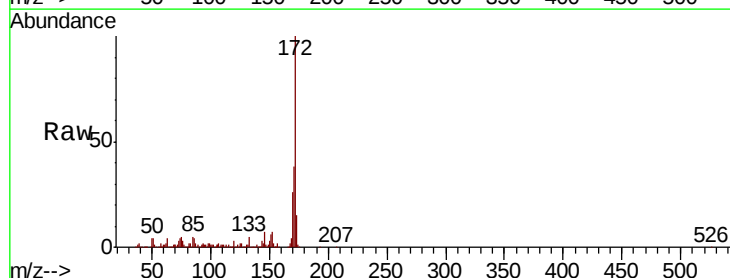
Tgt Ion:172 Resp: 1029725

Ion Ratio Lower Upper

172 100

171 37.9 31.1 46.7

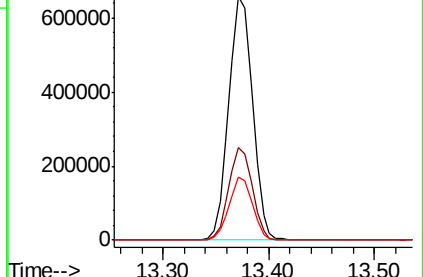
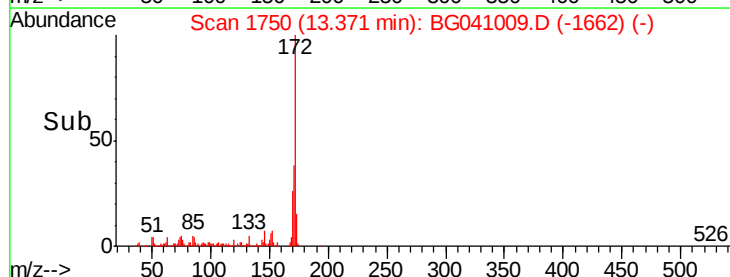
170 25.8 20.5 30.7

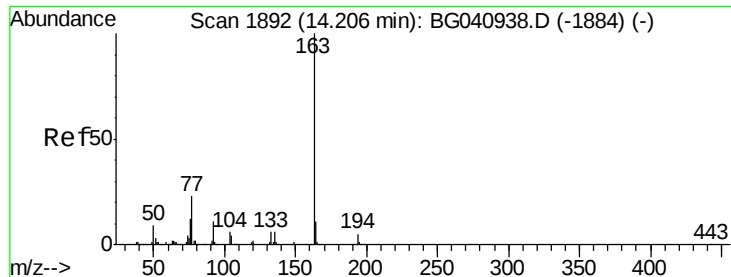


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

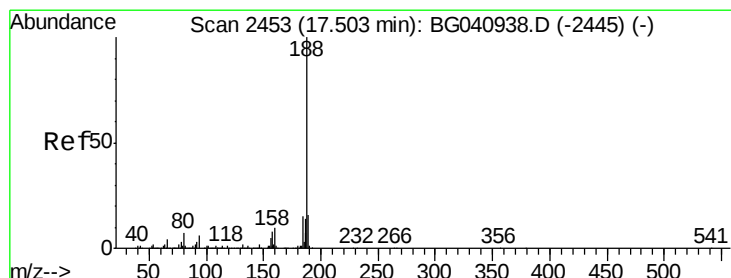
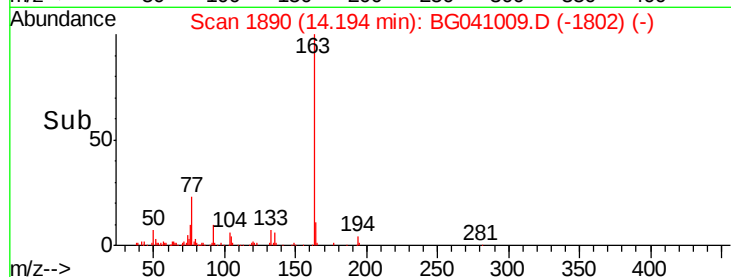
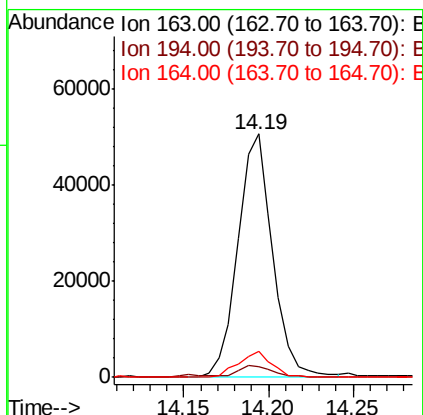
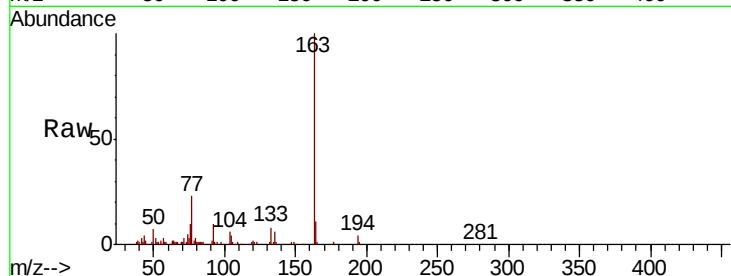




#50
Dimethylphthalate
Concen: 4.838 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

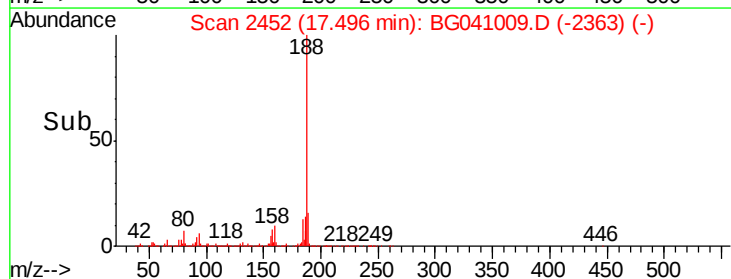
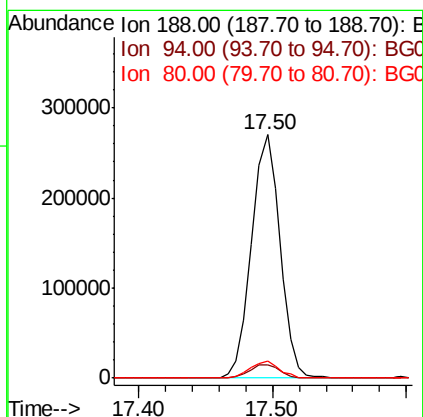
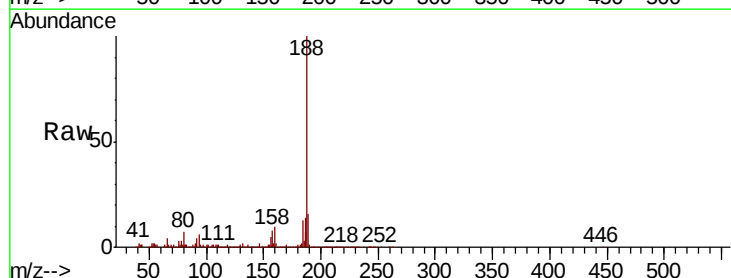
Instrument :
BNA_G
ClientSampleId :
251810

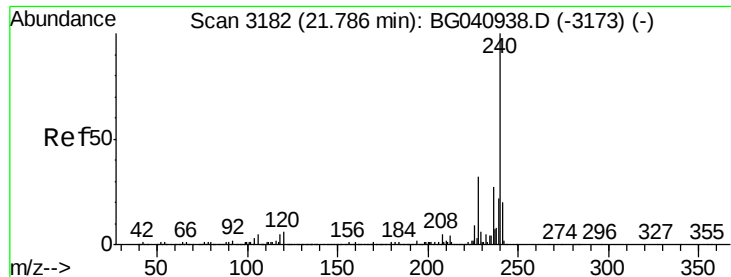
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.8
164	10.6	8.7	13.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG041009.D
Acq: 1 Jun 2019 12:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.9	5.8	8.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG041009.D

Acq: 1 Jun 2019 12:59

Instrument :

BNA_G

ClientSampleId :

251810

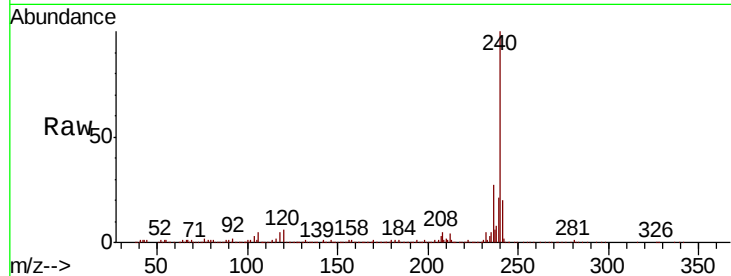
Tot Ion:240 Resp: 413523

Ion Ratio Lower Upper

240 100

120 6.1 4.5 6.7

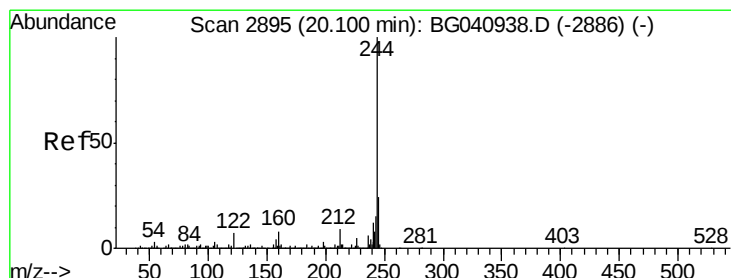
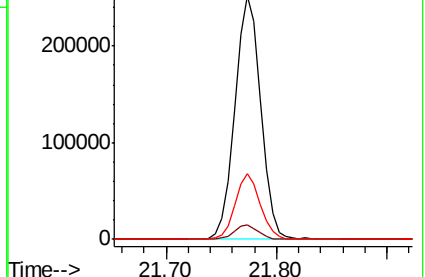
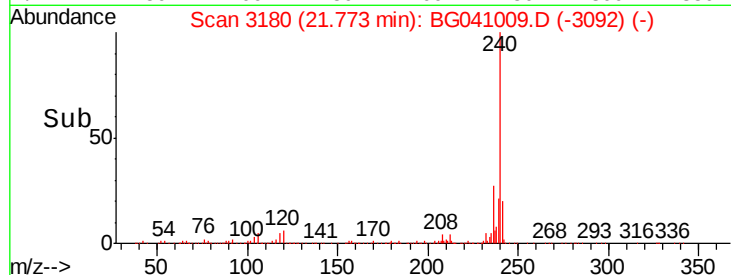
236 26.8 21.3 31.9



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: 76.804 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041009.D

Acq: 1 Jun 2019 12:59

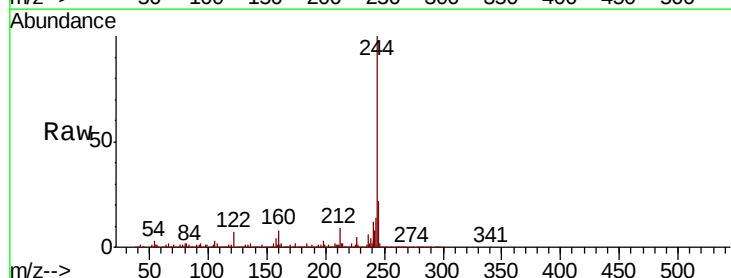
Tgt Ion:244 Resp: 1496467

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

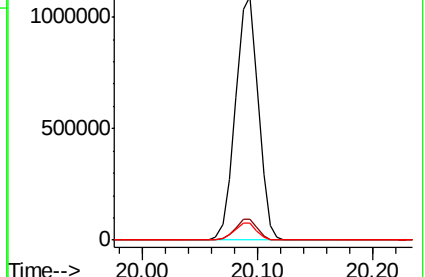
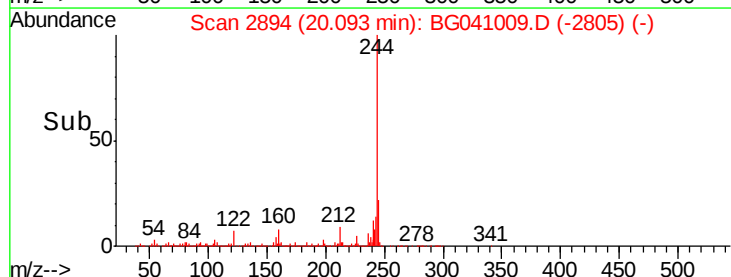
122 6.8 5.4 8.0

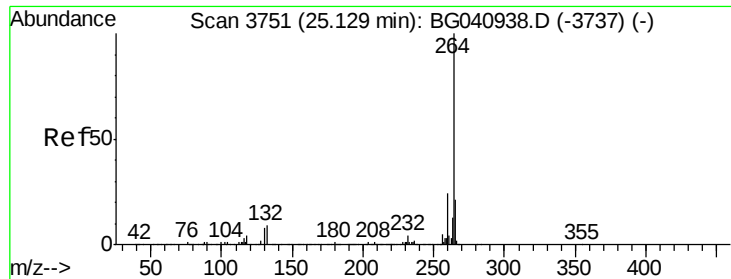


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3748
 Delta R.T. -0.02 min
 Lab File: BG041009.D
 Acq: 1 Jun 2019 12:59

Instrument :
 BNA_G
 ClientSampleId :
 251810

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.2	17.0	25.4

