

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038960.D
 Acq On : 5 Jan 2019 12:10
 Operator : JU/SJ
 Sample : K1036-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 13-Q

Quant Time: Jan 06 23:12:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25630	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	106693	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	72772	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	161225	20.00	ng	0.00
76) Chrysene-d12	21.72	240	150673	20.00	ng	-0.01
87) Perylene-d12	25.01	264	162943	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	92248	63.84	ng	0.00
7) Phenol-d6	7.21	99	129787	65.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	82826	39.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	68037	67.84	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	239526	45.15	ng	-0.02
79) Terphenyl-d14	20.04	244	362594	52.37	ng	0.00

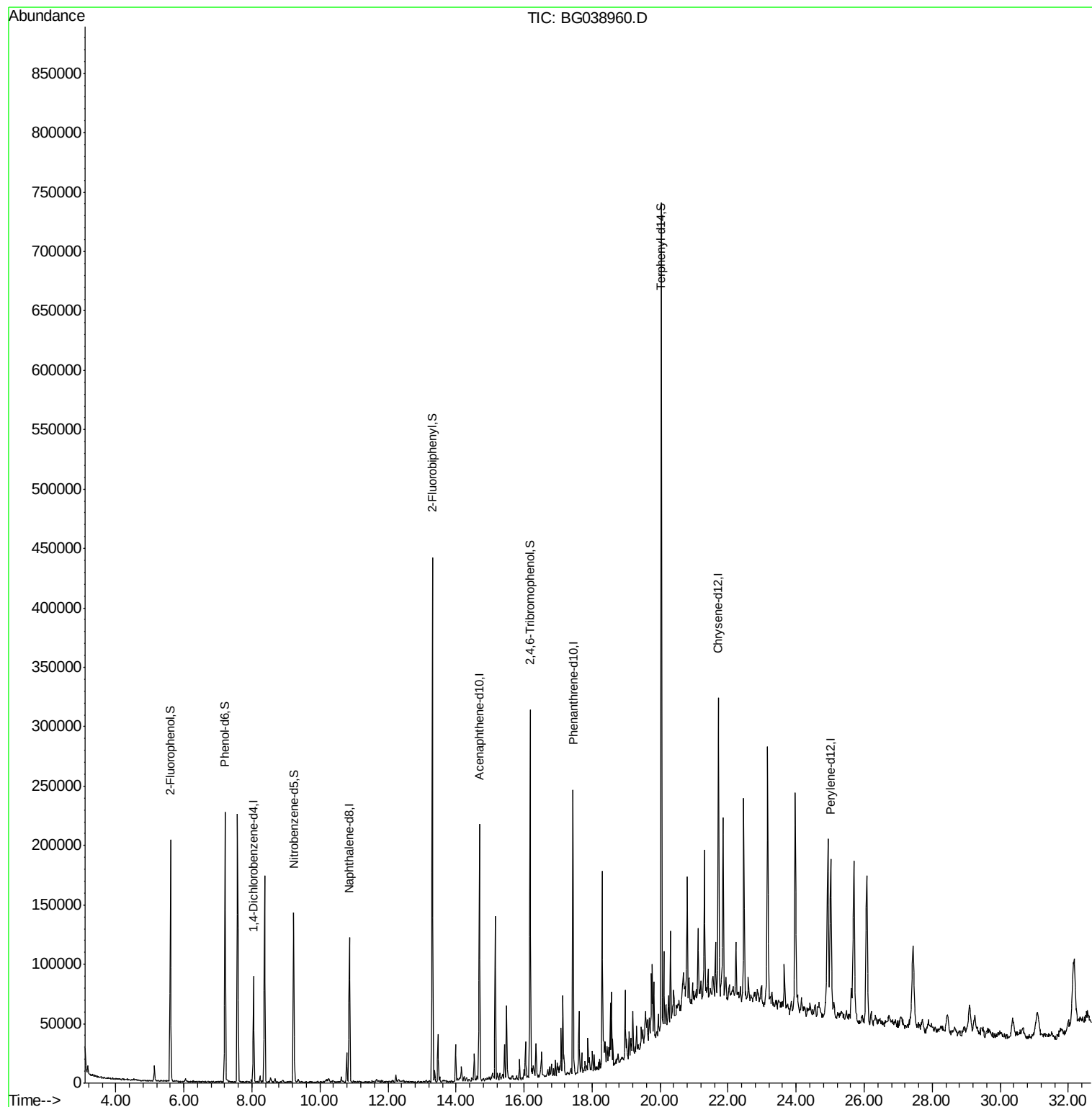
Target Compounds Qvalue

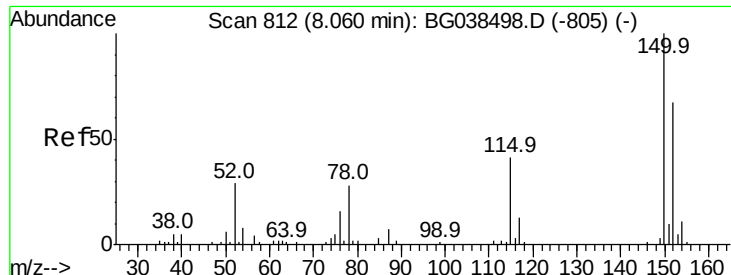
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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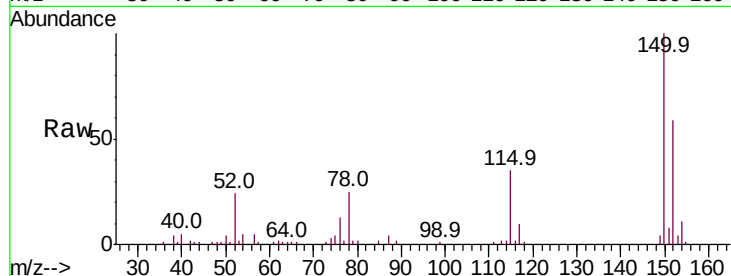


#1

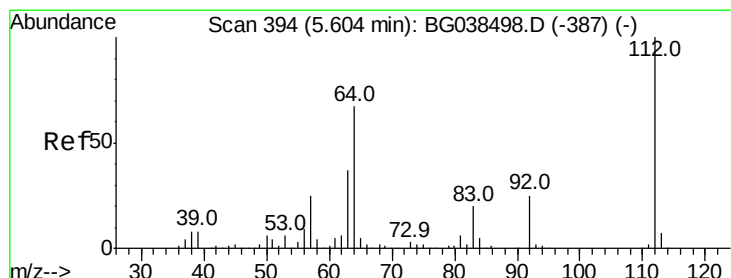
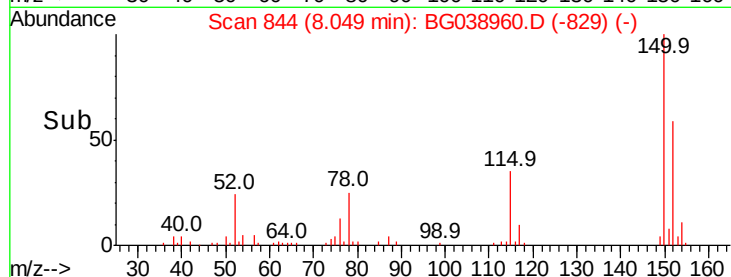
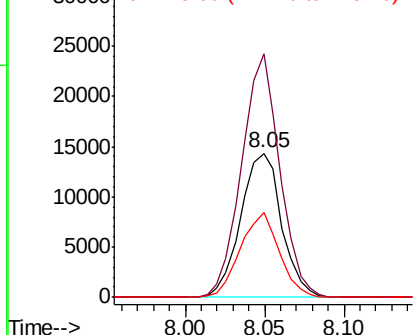
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038960.D
Acq: 5 Jan 2019 12:10

Instrument :
BNA_G
ClientSampleId :
13-Q

Tot Ion:152 Resp: 25630
Ion Ratio Lower Upper
152 100
150 169.3 119.5 179.3
115 59.3 49.6 74.4



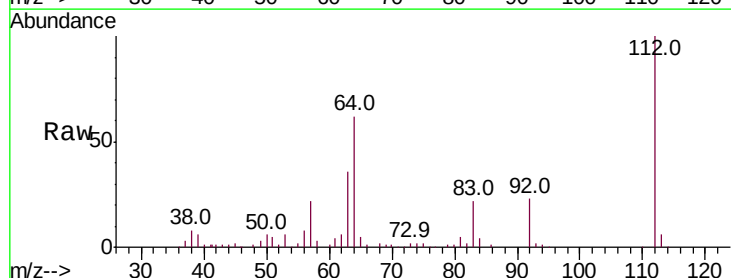
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



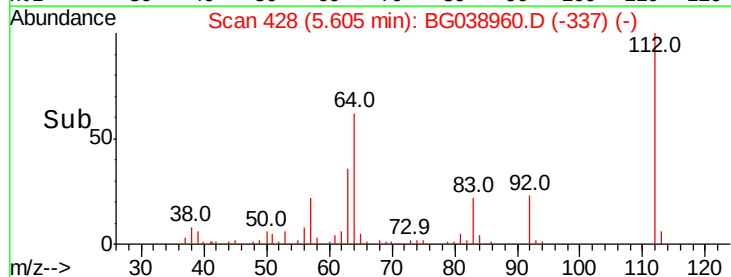
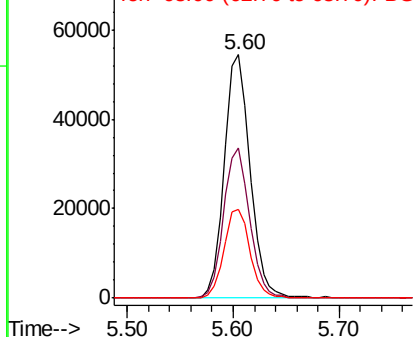
#5

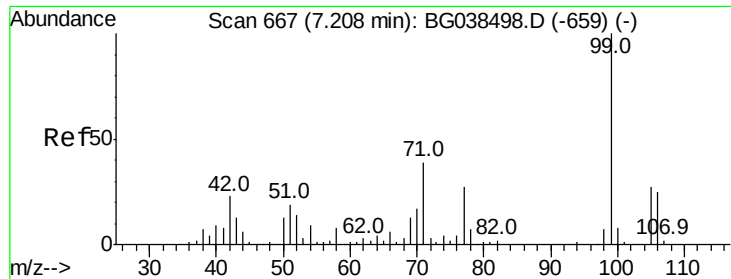
2-Fluorophenol
Concen: 63.838 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038960.D
Acq: 5 Jan 2019 12:10

Tgt Ion:112 Resp: 92248
Ion Ratio Lower Upper
112 100
64 61.5 53.4 80.2
63 36.2 29.3 43.9



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: 65.425 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038960.D

Acq: 5 Jan 2019 12:10

Instrument :

BNA_G

ClientSampleId :

13-Q

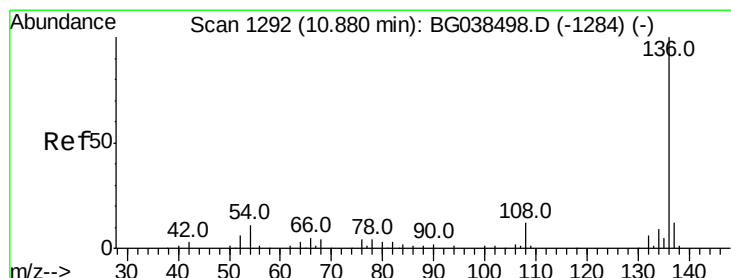
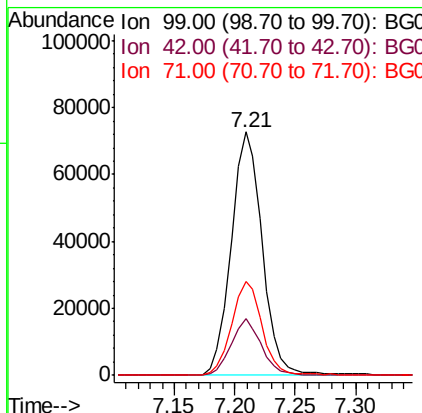
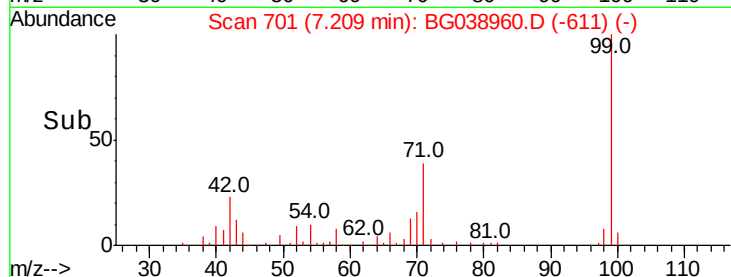
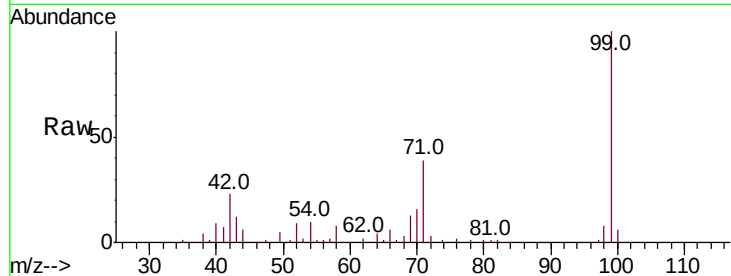
Tot Ion: 99 Resp: 129787

Ion Ratio Lower Upper

99 100

42 23.1 18.5 27.7

71 38.7 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038960.D

Acq: 5 Jan 2019 12:10

Tgt Ion: 136 Resp: 106693

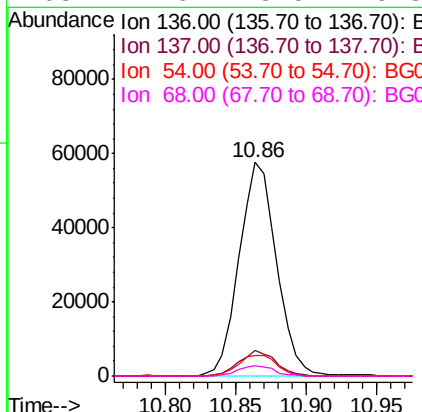
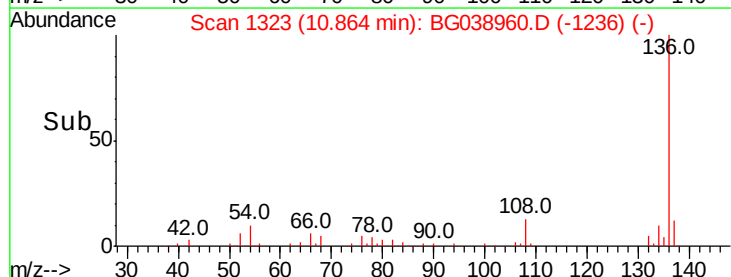
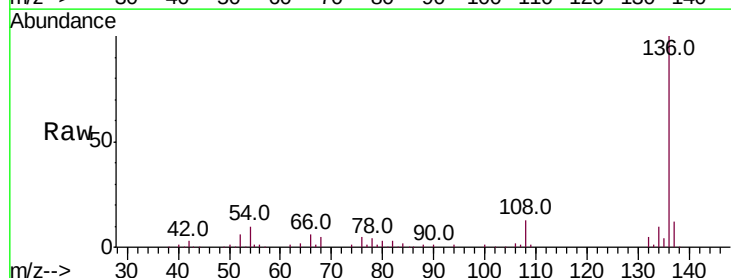
Ion Ratio Lower Upper

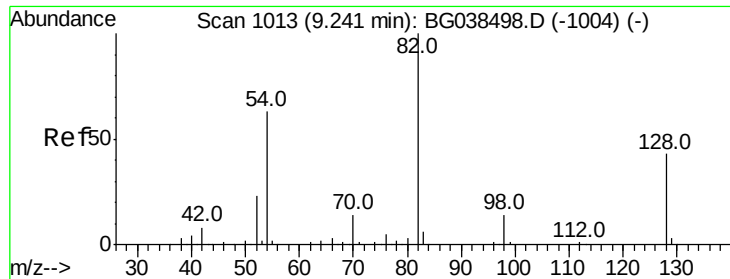
136 100

137 11.8 9.3 13.9

54 9.8 8.5 12.7

68 4.6 3.5 5.3

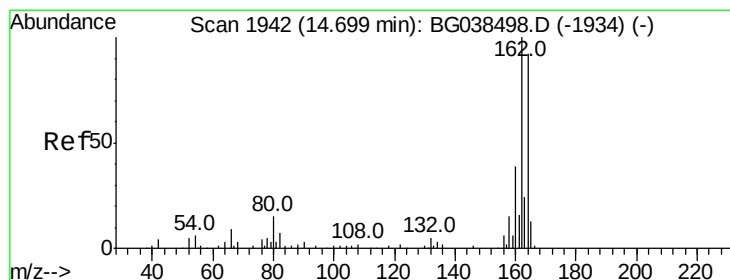
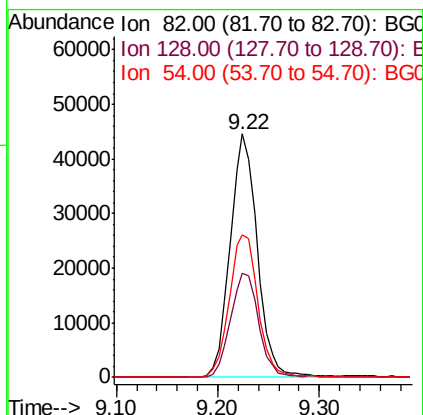
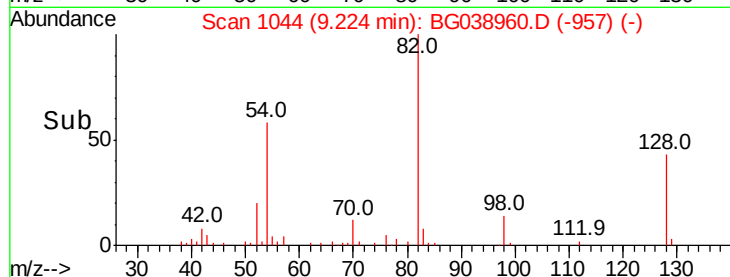
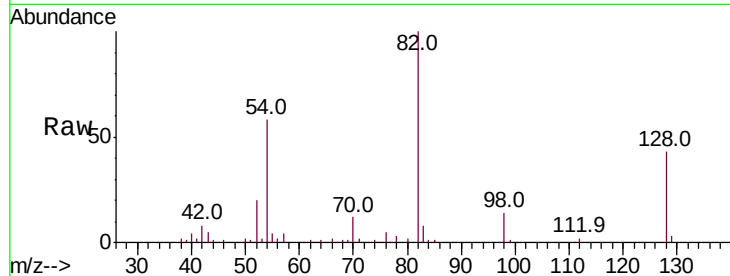




#23
Nitrobenzene-d5
Concen: 39.659 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038960.D
Acq: 5 Jan 2019 12:10

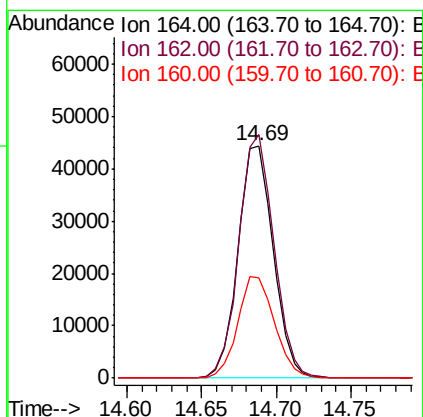
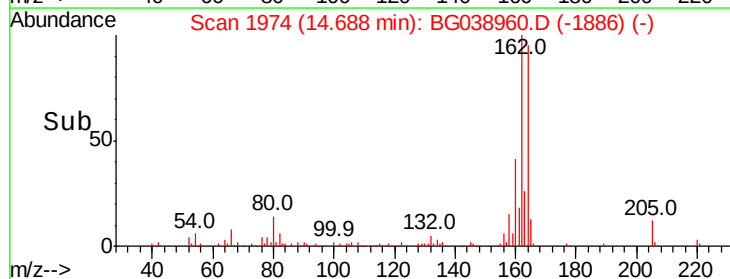
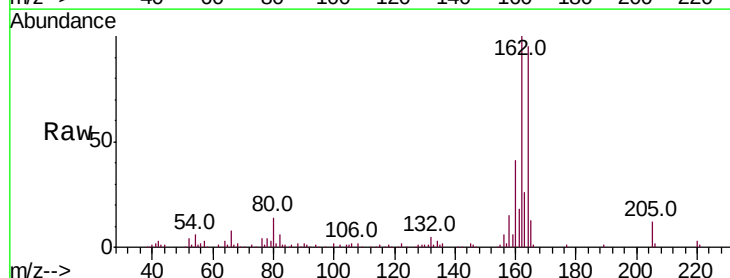
Instrument :
BNA_G
ClientSampleId :
13-Q

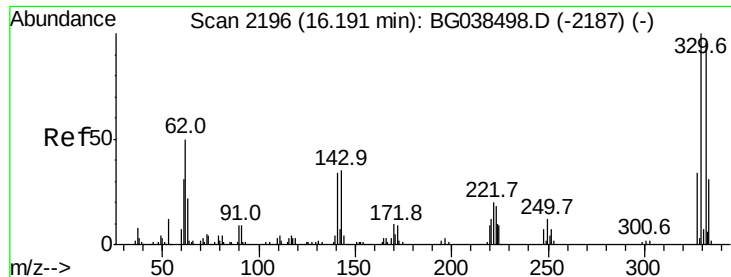
Tot Ion: 82 Resp: 82826
Ion Ratio Lower Upper
82 100
128 42.9 34.6 52.0
54 58.4 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG038960.D
Acq: 5 Jan 2019 12:10

Tgt Ion:164 Resp: 72772
Ion Ratio Lower Upper
164 100
162 104.8 86.6 130.0
160 42.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 67.838 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038960.D

Acq: 5 Jan 2019 12:10

Instrument :

BNA_G

ClientSampled :

13-Q

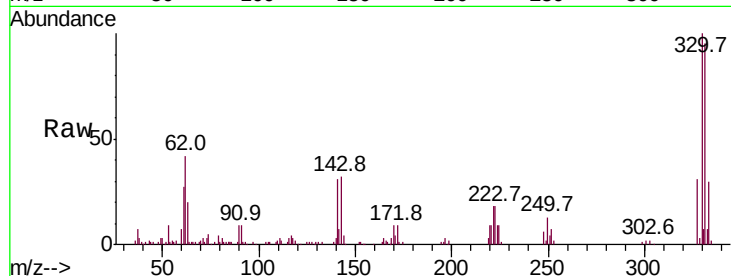
Tot Ion:330 Resp: 68037

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

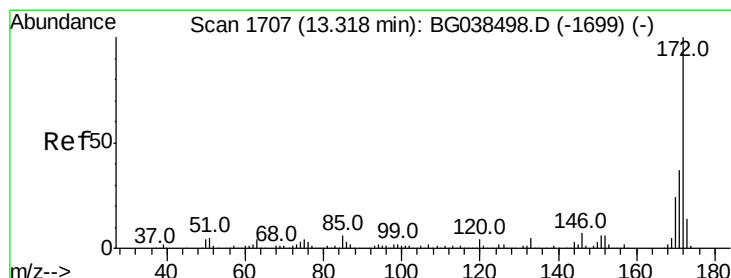
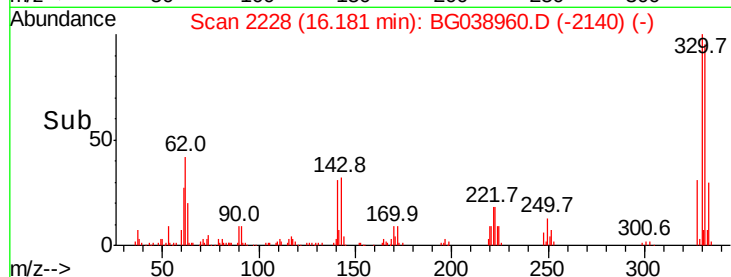
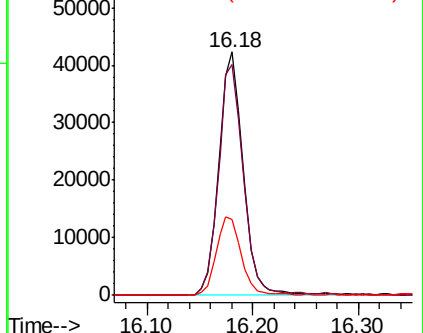
141 32.7 28.8 43.2



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: 45.154 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.02 min

Lab File: BG038960.D

Acq: 5 Jan 2019 12:10

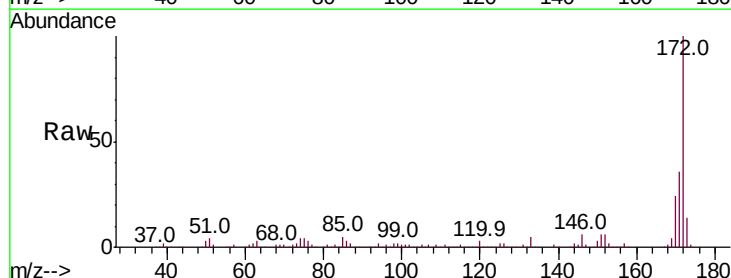
Tgt Ion:172 Resp: 239526

Ion Ratio Lower Upper

172 100

171 35.8 29.8 44.6

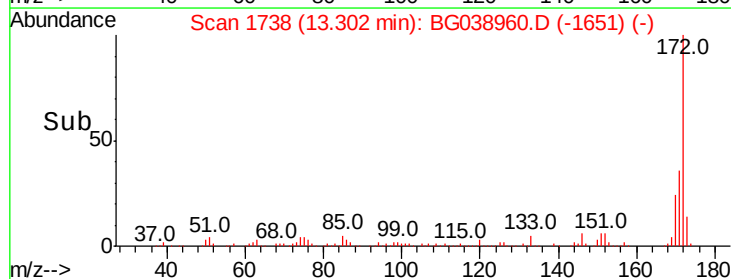
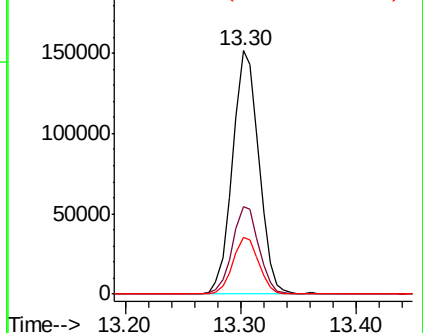
170 23.6 19.5 29.3

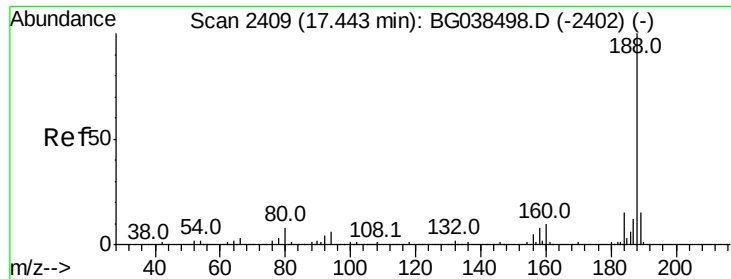


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

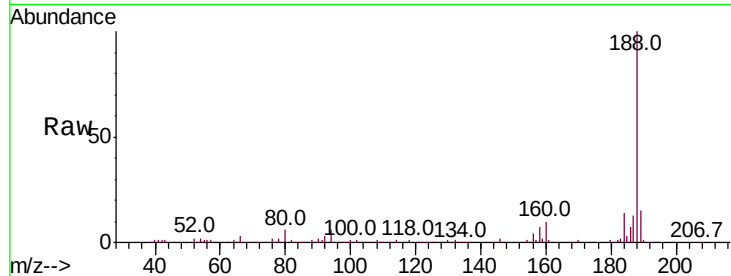




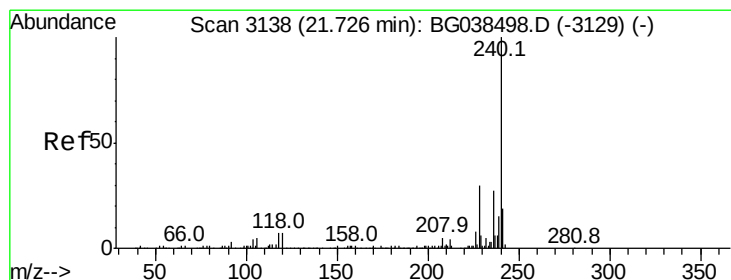
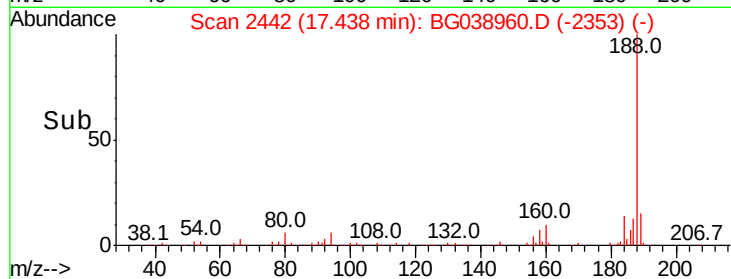
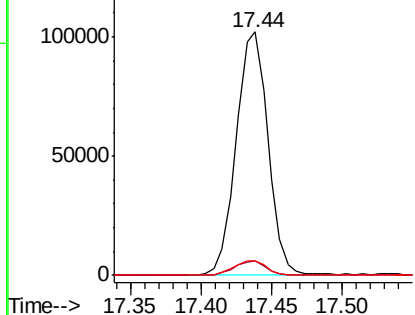
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG038960.D
Acq: 5 Jan 2019 12:10

Instrument :
BNA_G
ClientSampleId :
13-Q

Tot Ion:188 Resp: 161225
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 6.0 6.1 9.1#

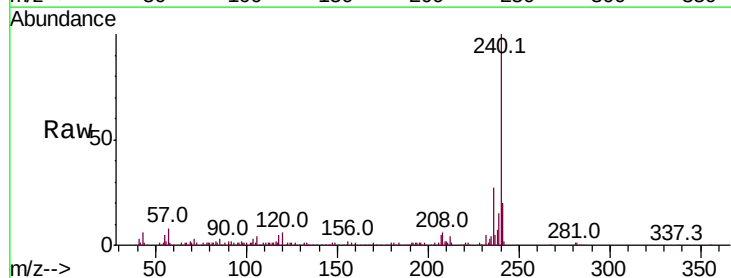


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

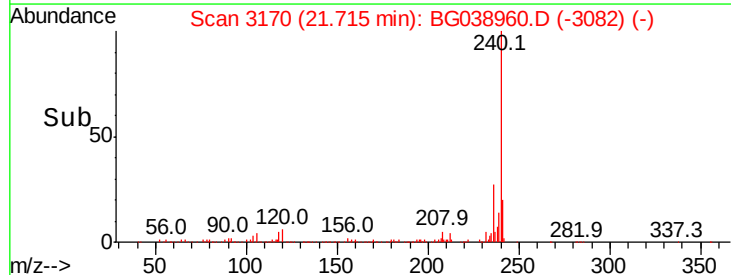
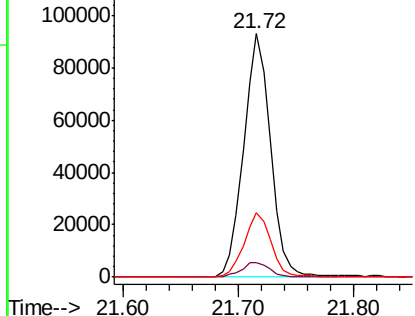


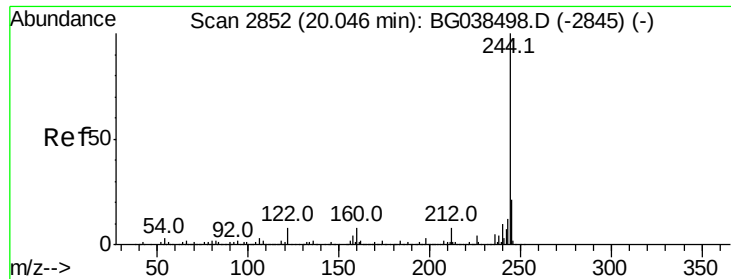
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038960.D
Acq: 5 Jan 2019 12:10

Tgt Ion:240 Resp: 150673
Ion Ratio Lower Upper
240 100
120 5.7 5.3 7.9
236 26.5 21.4 32.2



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: 52.373 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038960.D

Acq: 5 Jan 2019 12:10

Instrument :

BNA_G

ClientSampleId :

13-Q

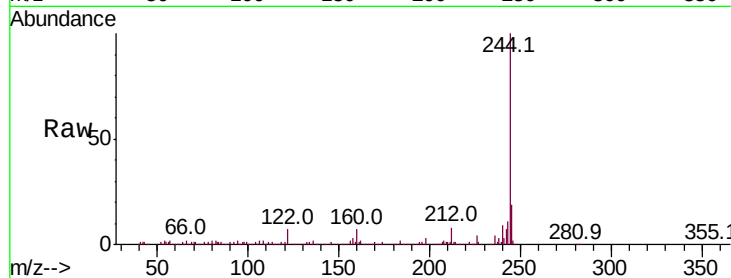
Tot Ion:244 Resp: 362594

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

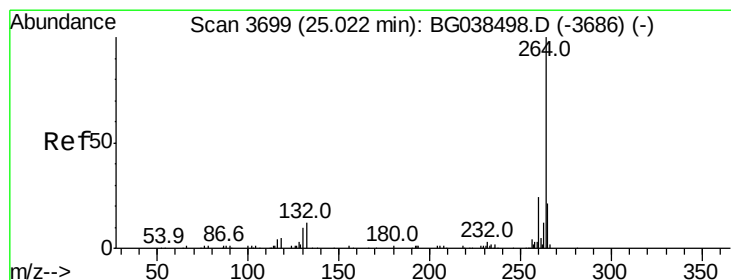
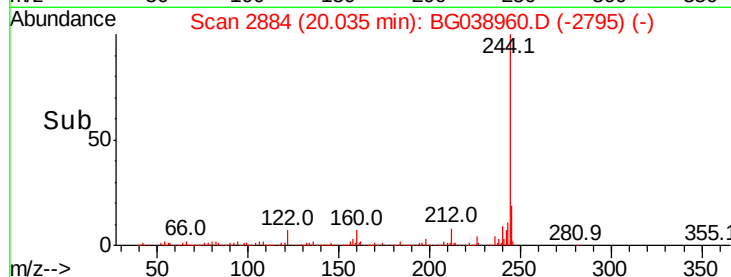
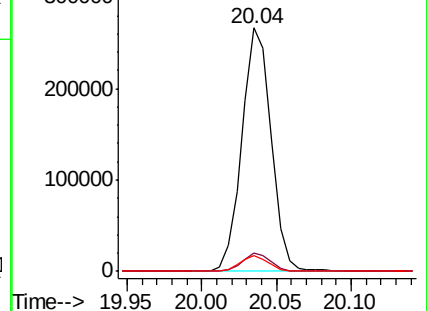
122 6.6 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038960.D

Acq: 5 Jan 2019 12:10

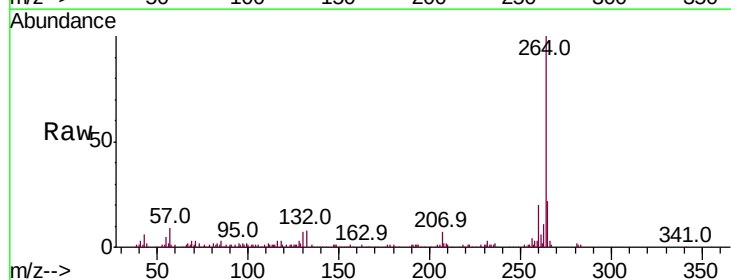
Tgt Ion:264 Resp: 162943

Ion Ratio Lower Upper

264 100

260 20.5 18.9 28.3

265 22.2 17.0 25.4



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

