

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038920.D
 Acq On : 4 Jan 2019 1:54
 Operator : JU/SJ
 Sample : K1017-24
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Jan 04 04:55:11 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	24486	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	97755	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	71219	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	185204	20.00	ng	0.00
76) Chrysene-d12	21.71	240	188714	20.00	ng	-0.01
87) Perylene-d12	25.00	264	196386	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	160687	116.39	ng	0.00
7) Phenol-d6	7.21	99	196785	103.83	ng	0.00
23) Nitrobenzene-d5	9.22	82	153451	80.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	131914	134.40	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	430129	82.85	ng	-0.01
79) Terphenyl-d14	20.04	244	866921	99.98	ng	0.00

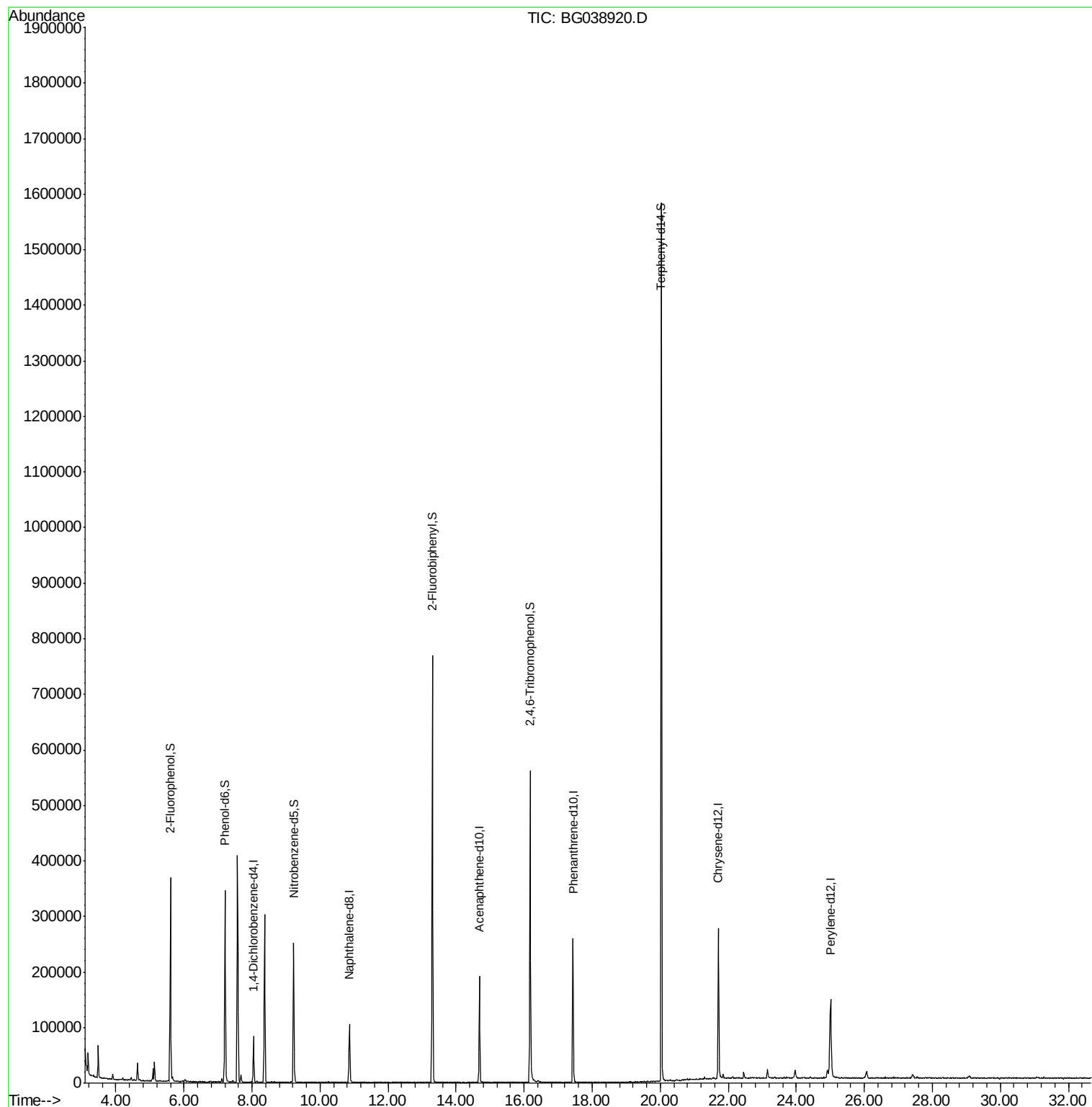
Target Compounds Qvalue

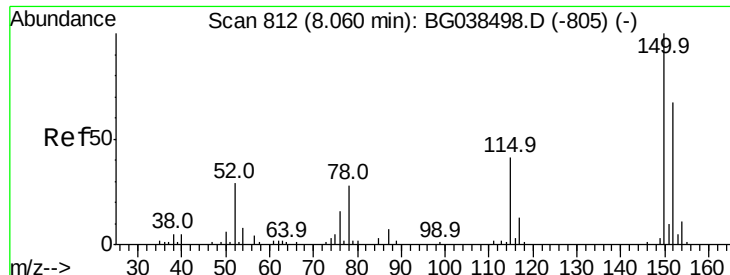
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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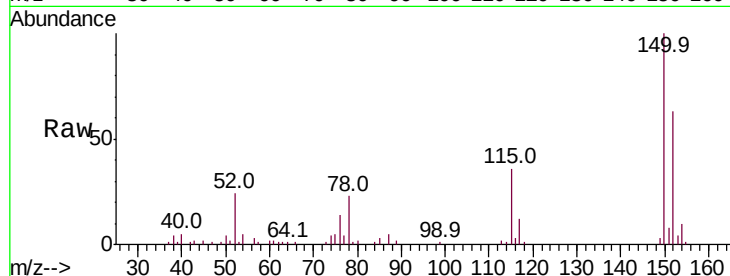


#1

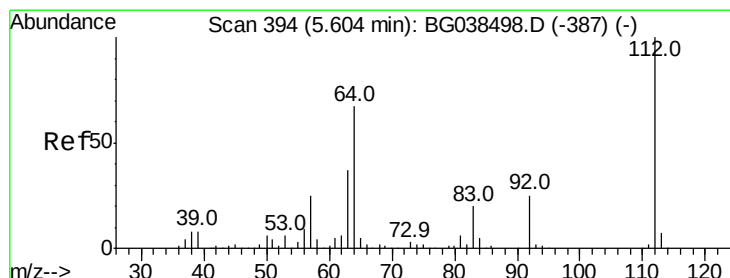
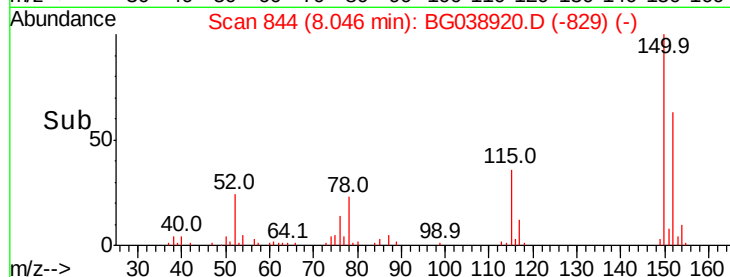
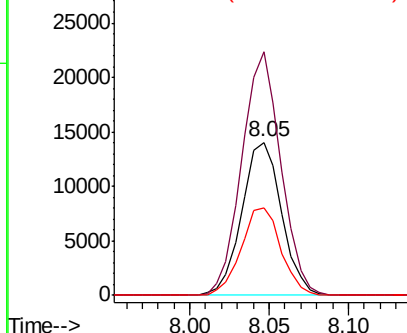
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038920.D
Acq: 4 Jan 2019 1:54

Instrument :
BNA_G
ClientSampleId :
TP-6

Tot Ion:152 Resp: 24486
Ion Ratio Lower Upper
152 100
150 159.0 119.5 179.3
115 56.8 49.6 74.4



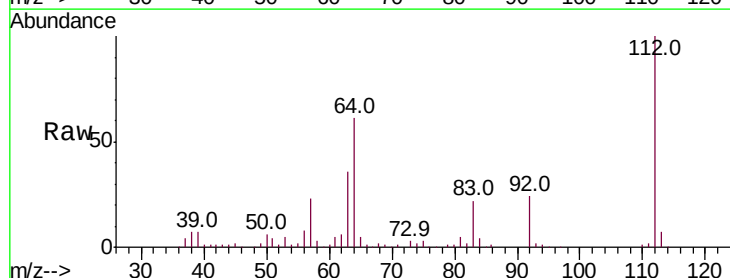
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



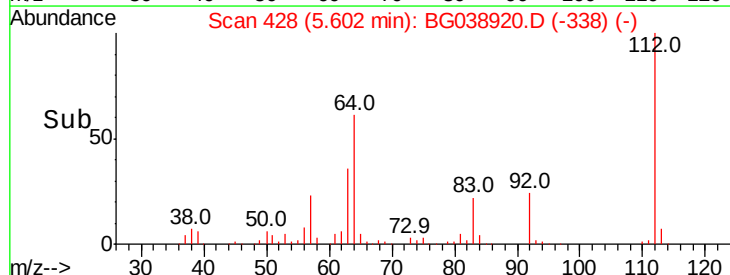
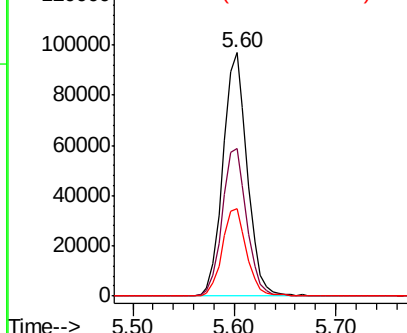
#5

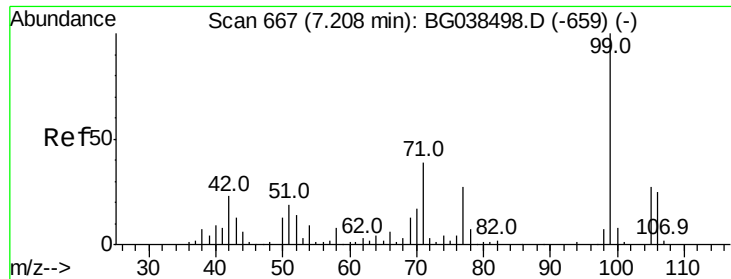
2-Fluorophenol
Concen: 116.394 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038920.D
Acq: 4 Jan 2019 1:54

Tgt Ion:112 Resp: 160687
Ion Ratio Lower Upper
112 100
64 60.5 53.4 80.2
63 36.0 29.3 43.9



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: 103.832 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038920.D

Acq: 4 Jan 2019 1:54

Instrument :

BNA_G

ClientSampled :

TP-6

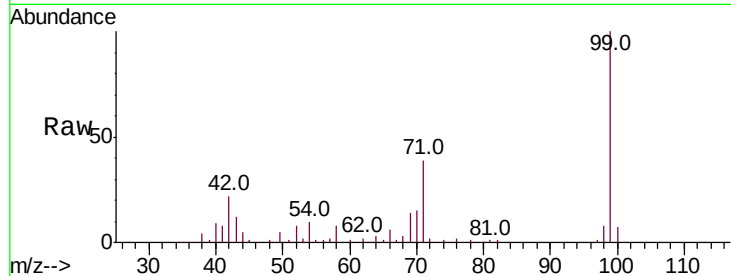
Tot Ion: 99 Resp: 196785

Ion Ratio Lower Upper

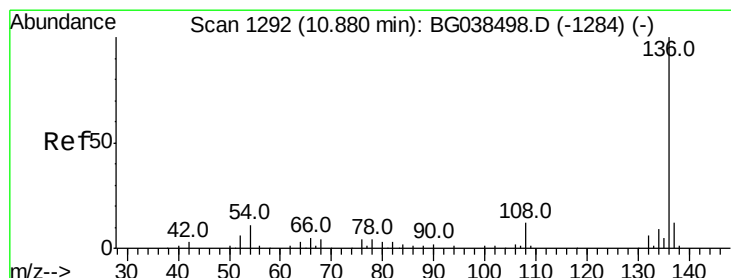
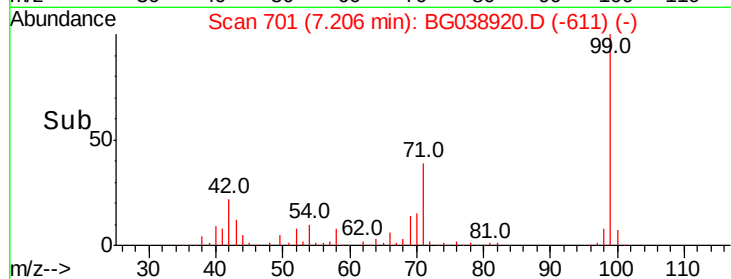
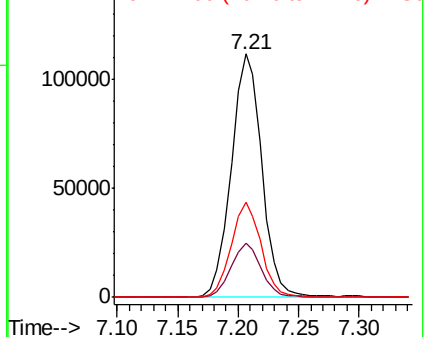
99 100

42 22.1 18.5 27.7

71 39.0 31.1 46.7



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038920.D

Acq: 4 Jan 2019 1:54

Tgt Ion: 136 Resp: 97755

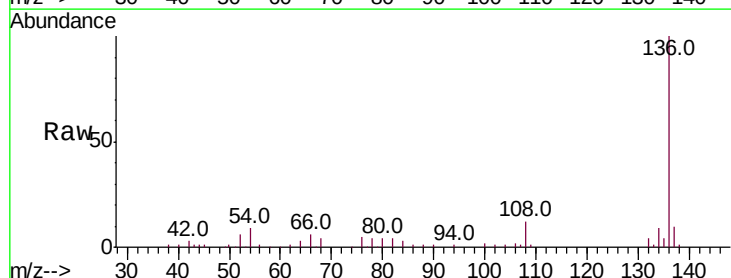
Ion Ratio Lower Upper

136 100

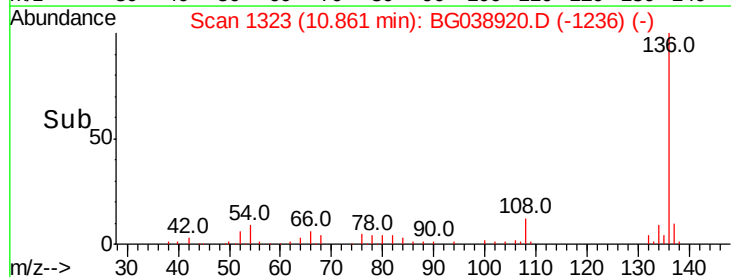
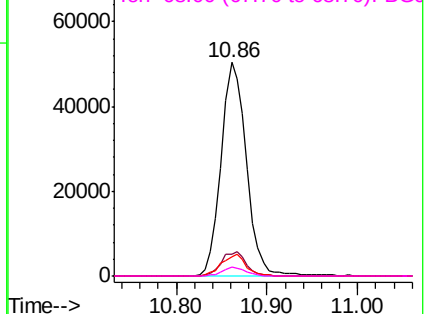
137 10.3 9.3 13.9

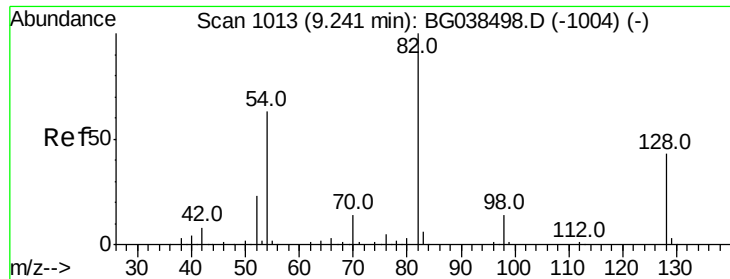
54 9.1 8.5 12.7

68 4.1 3.5 5.3



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

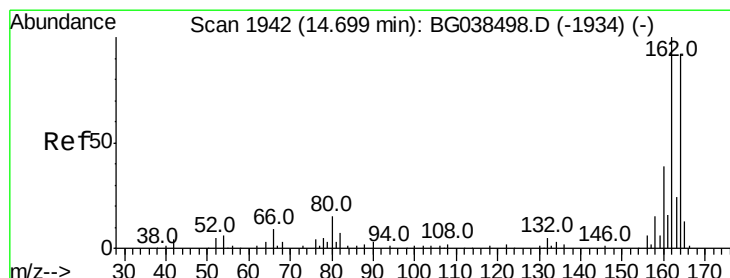
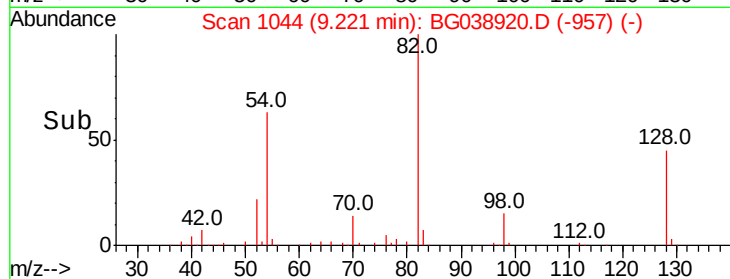
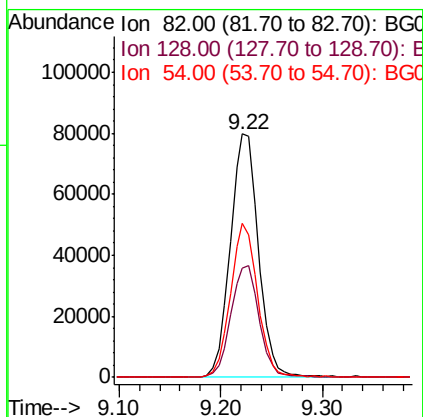
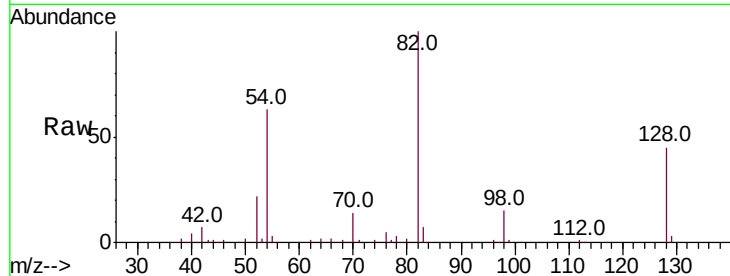




#23
 Nitrobenzene-d5
 Concen: 80.194 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038920.D
 Acq: 4 Jan 2019 1:54

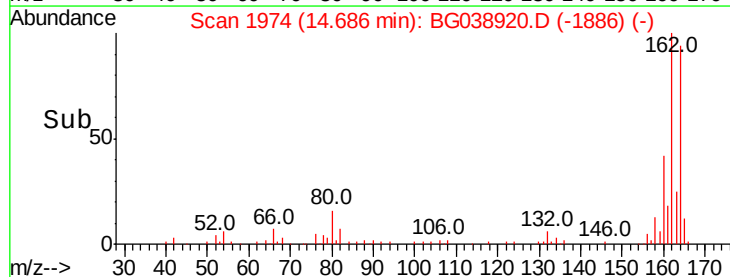
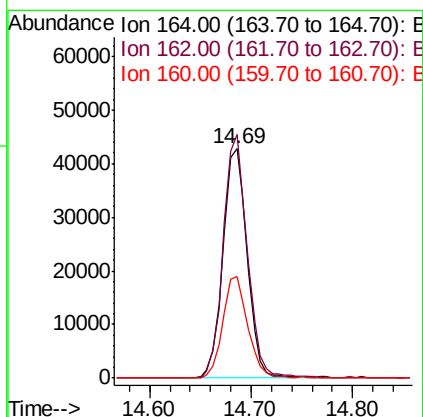
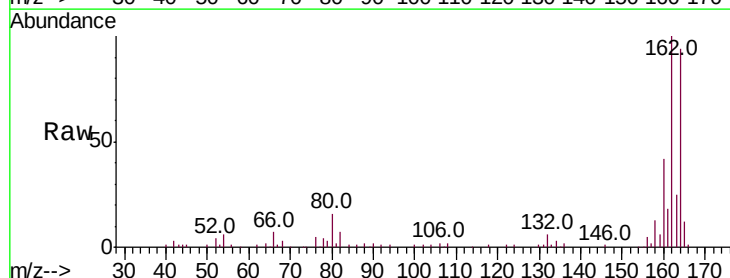
Instrument :
 BNA_G
 ClientSampled :
 TP-6

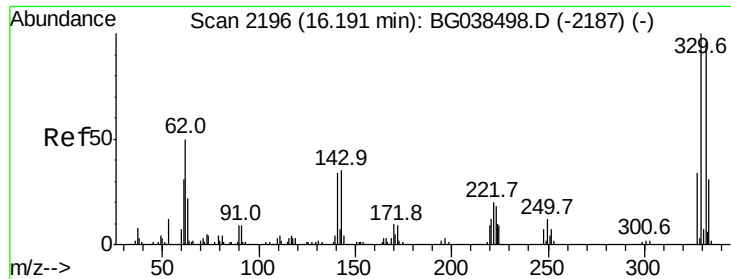
Tot Ion: 82 Resp: 153451
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 63.2 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038920.D
 Acq: 4 Jan 2019 1:54

Tgt Ion: 164 Resp: 71219
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.6 130.0
 160 44.5 34.2 51.2

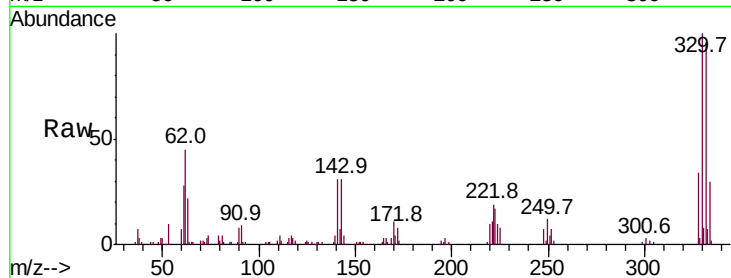




#42
 2,4,6-Tribromophenol
 Concen: 134.397 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG038920.D
 Acq: 4 Jan 2019 1:54

Instrument :
 BNA_G
 ClientSampled :
 TP-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.9	115.3
141	31.5	28.8	43.2

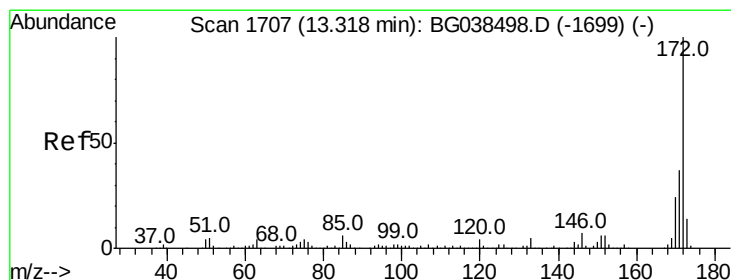
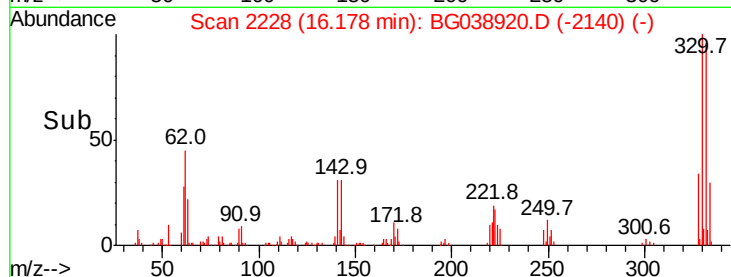
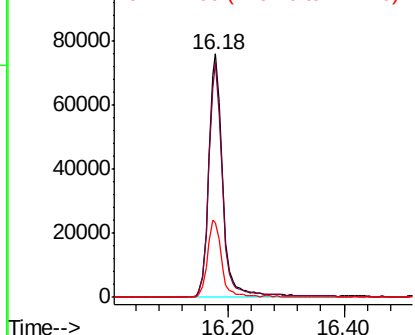


Abundance

Ion 329.80 (329.50 to 330.50): E

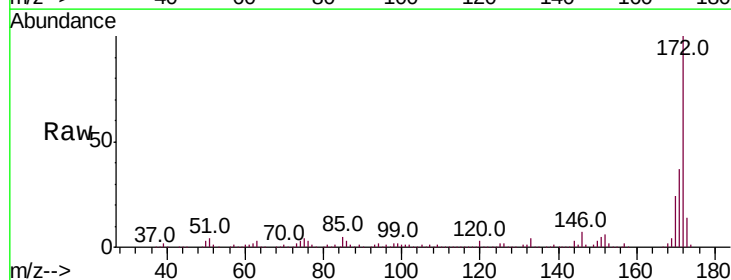
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.853 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038920.D
 Acq: 4 Jan 2019 1:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	24.2	19.5	29.3

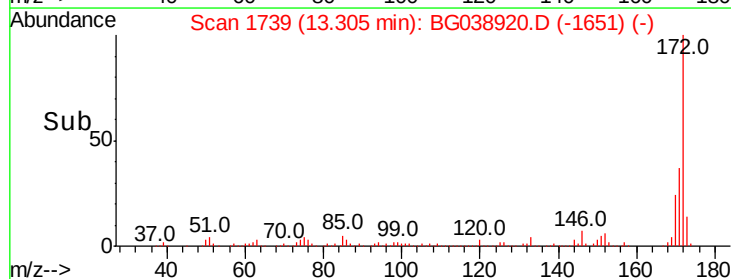
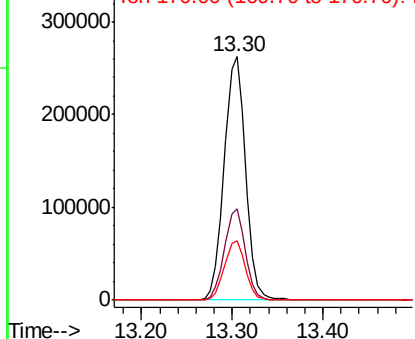


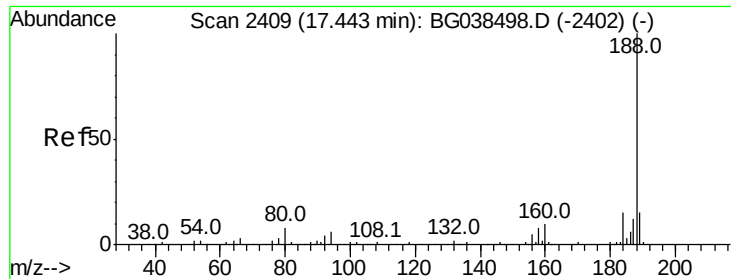
Abundance

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. -0.01 min

Lab File: BG038920.D

Acq: 4 Jan 2019 1:54

Instrument :

BNA_G

ClientSampleId :

TP-6

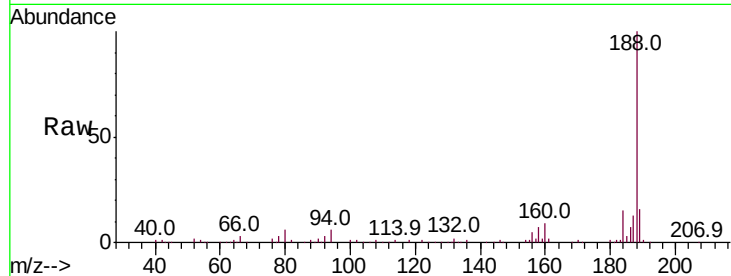
Tot Ion:188 Resp: 185204

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

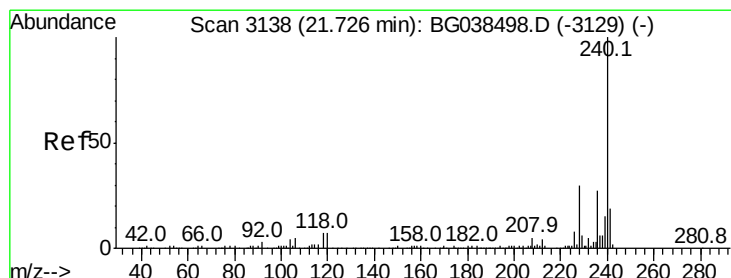
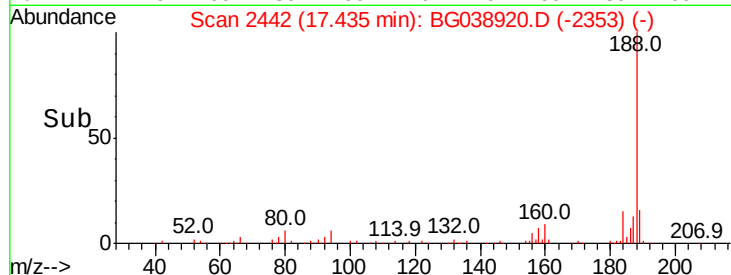
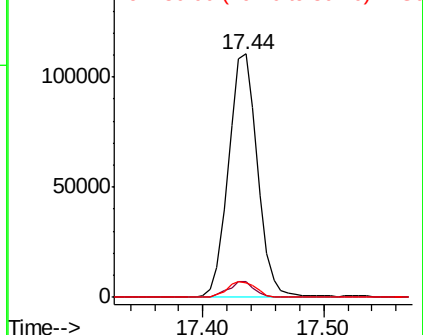
80 6.0 6.1 9.1#



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: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038920.D

Acq: 4 Jan 2019 1:54

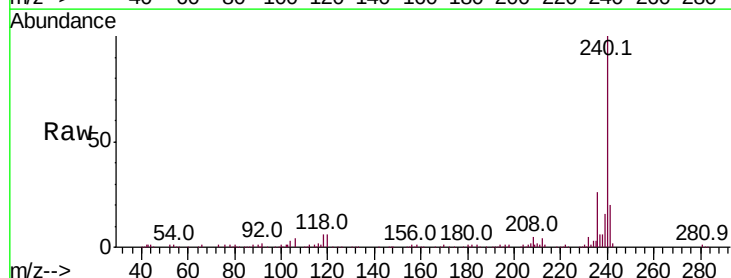
Tgt Ion:240 Resp: 188714

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

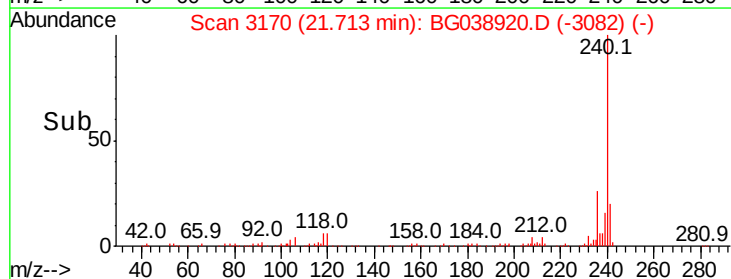
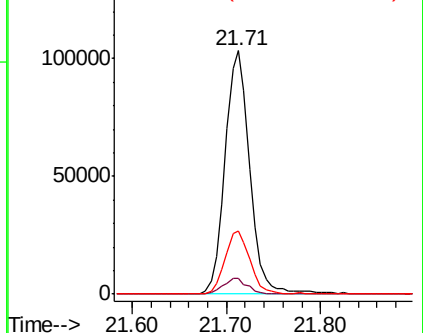
236 25.8 21.4 32.2

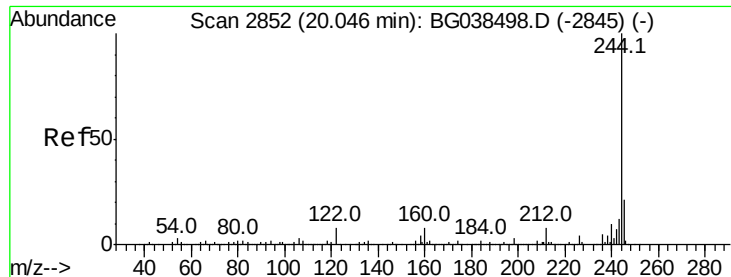


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.977 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038920.D

Acq: 4 Jan 2019 1:54

Instrument :

BNA_G

ClientSampleId :

TP-6

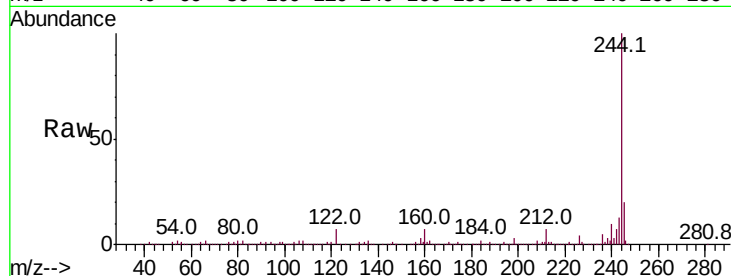
Tot Ion:244 Resp: 866921

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 6.7 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

800000

600000

400000

200000

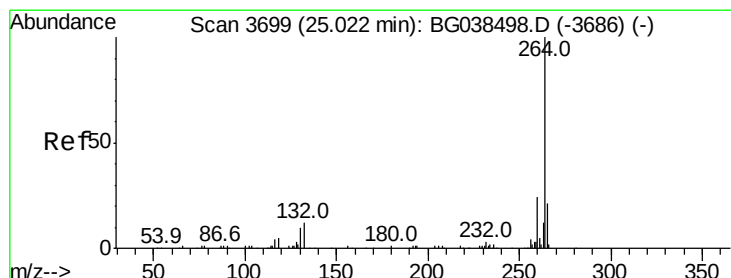
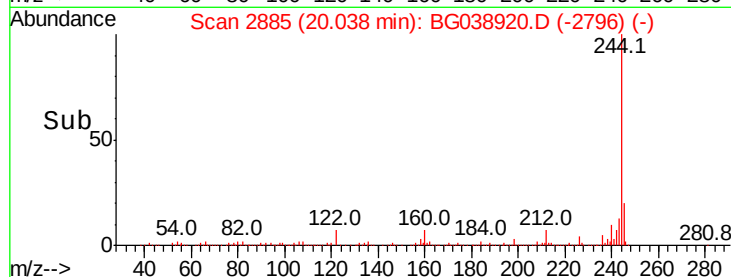
0

20.04

20.10

20.20

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038920.D

Acq: 4 Jan 2019 1:54

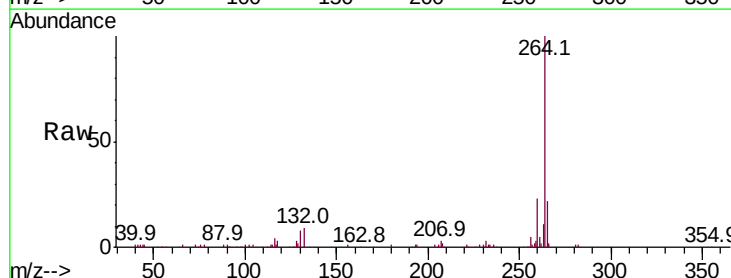
Tgt Ion:264 Resp: 196386

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 22.1 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

80000

60000

40000

20000

0

25.00

25.10

25.20

Time-->

