

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042531.D
 Acq On : 28 Aug 2019 13:59
 Operator : HP/JU
 Sample : PB122619BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BL

Quant Time: Aug 28 15:46:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37692	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	138977	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103698	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	257304	20.00	ng	0.00
76) Chrysene-d12	21.69	240	288298	20.00	ng	0.00
87) Perylene-d12	24.93	264	327848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	256798	137.98	ng	0.00
7) Phenol-d6	7.17	99	333075	132.49	ng	0.00
23) Nitrobenzene-d5	9.17	82	189083	94.02	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	212112	143.91	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	635313	103.62	ng	0.00
79) Terphenyl-d14	20.02	244	1279132	95.92	ng	0.00

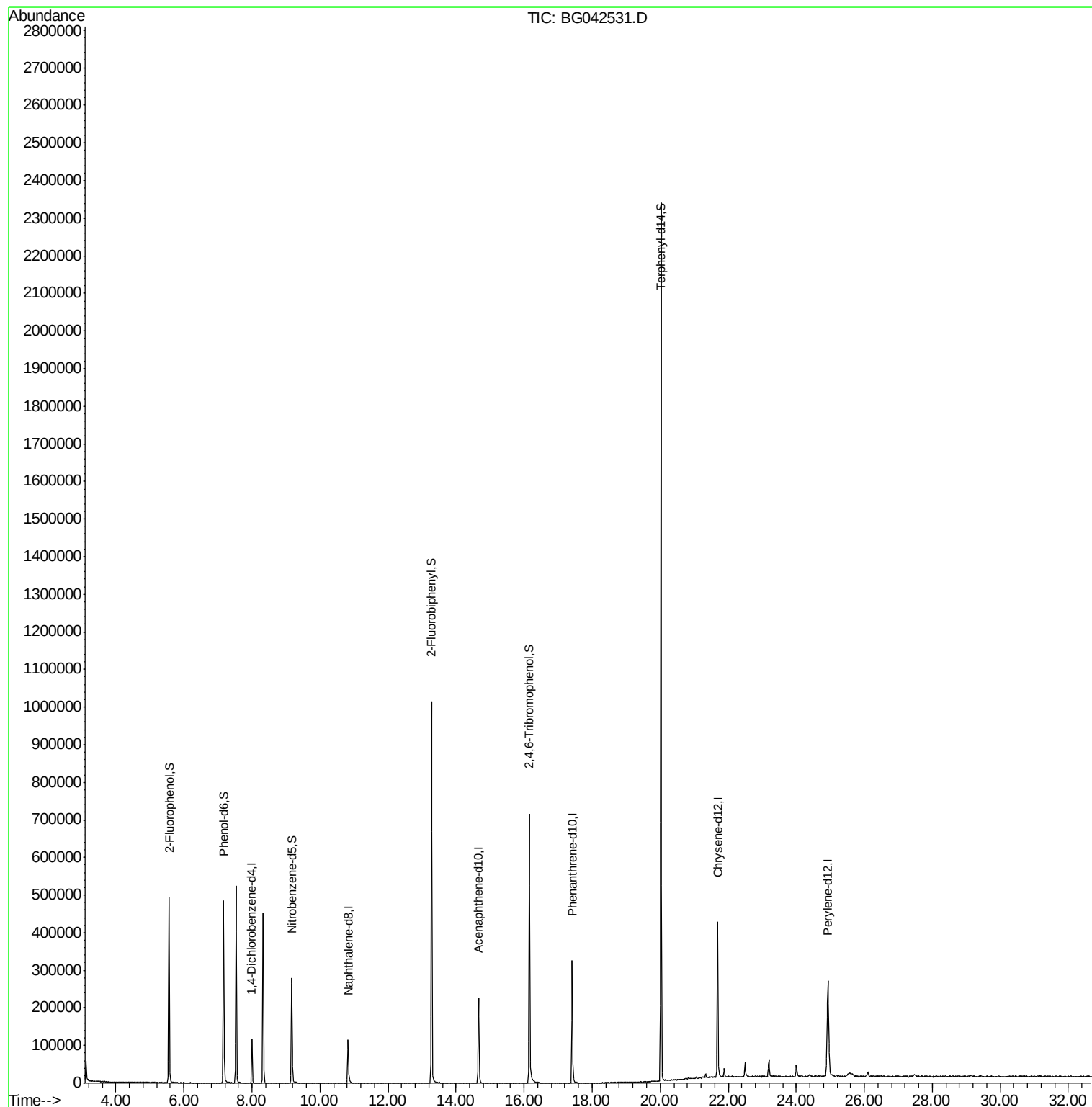
Target Compounds Qvalue

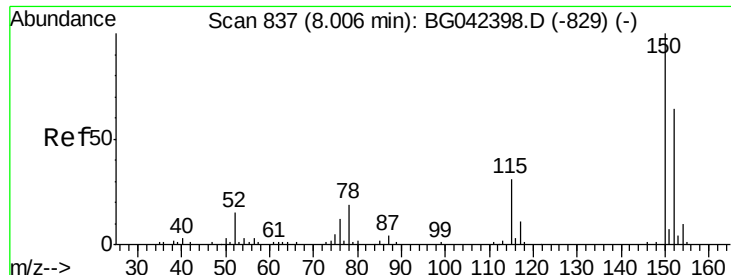
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

Instrument :

BNA_G

ClientSampleId :

PB122619BL

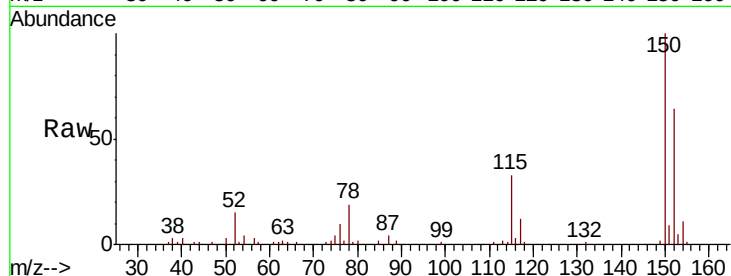
Tot Ion:152 Resp: 37692

Ion Ratio Lower Upper

152 100

150 156.0 125.4 188.0

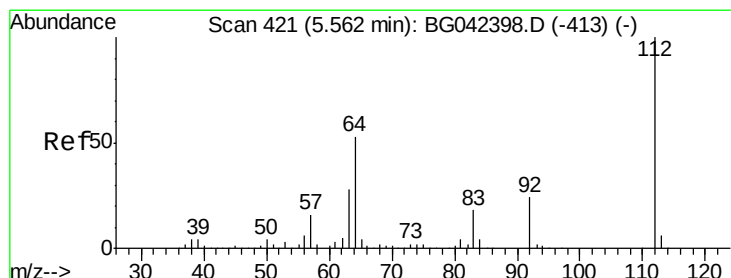
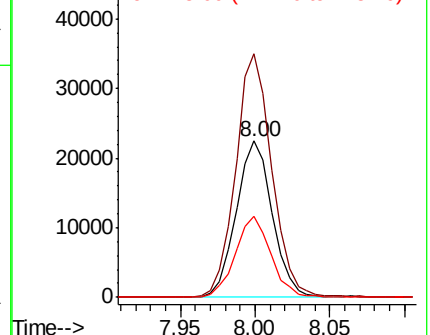
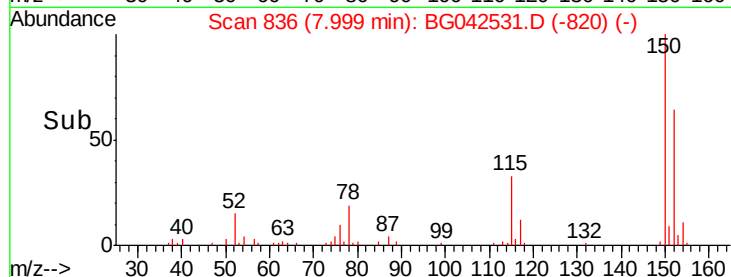
115 52.0 38.5 57.7



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: 137.984 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

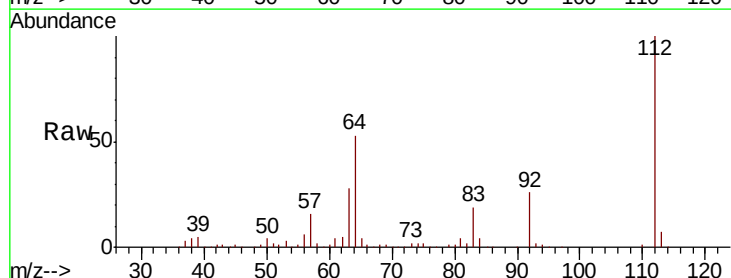
Tgt Ion:112 Resp: 256798

Ion Ratio Lower Upper

112 100

64 52.5 42.8 64.2

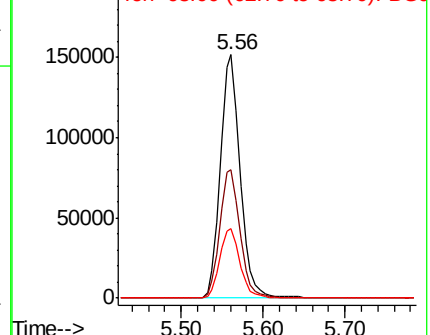
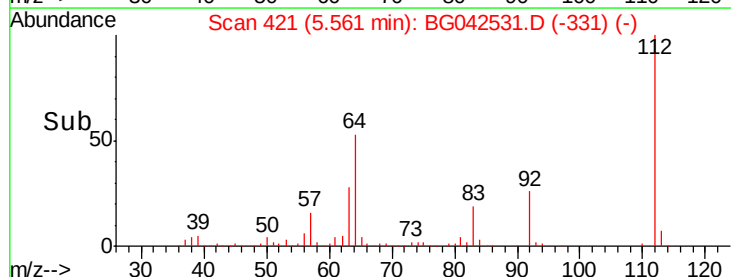
63 28.4 22.7 34.1

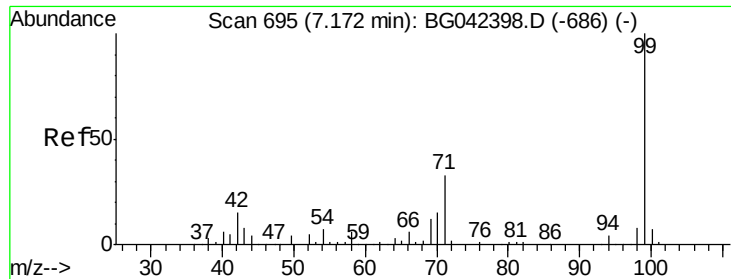


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 132.494 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

Instrument :

BNA_G

ClientSampleId :

PB122619BL

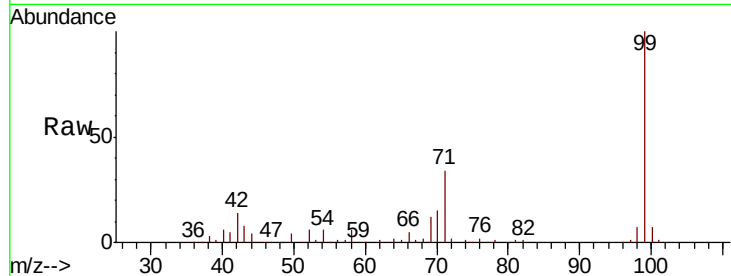
Tot Ion: 99 Resp: 333075

Ion Ratio Lower Upper

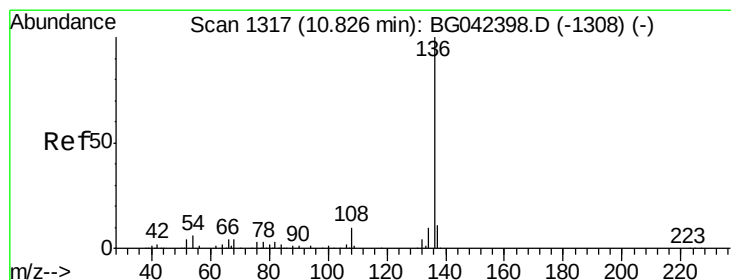
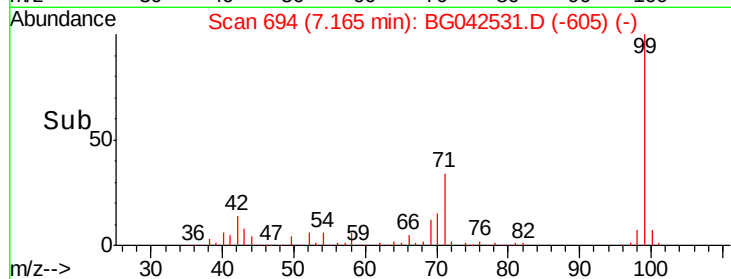
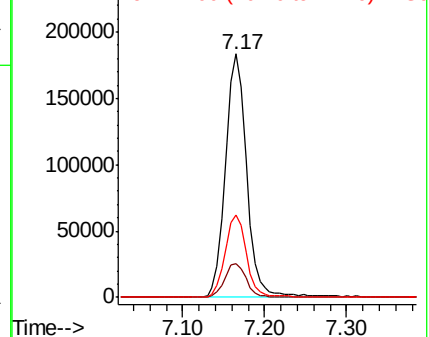
99 100

42 14.0 12.0 18.0

71 33.7 26.3 39.5



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

Tgt Ion: 136 Resp: 138977

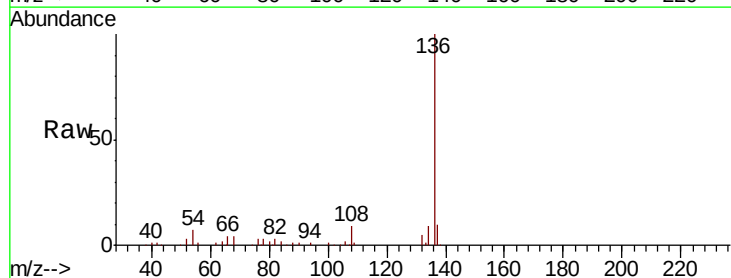
Ion Ratio Lower Upper

136 100

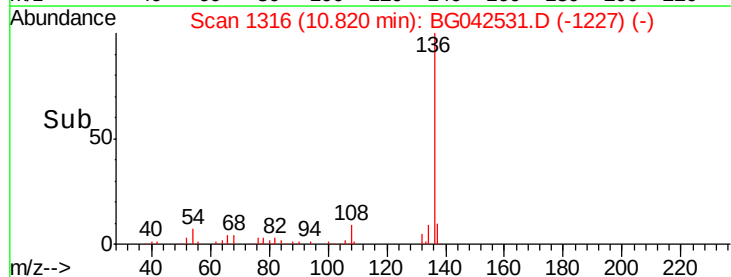
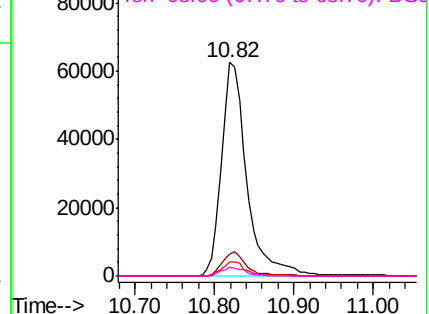
137 10.0 8.7 13.1

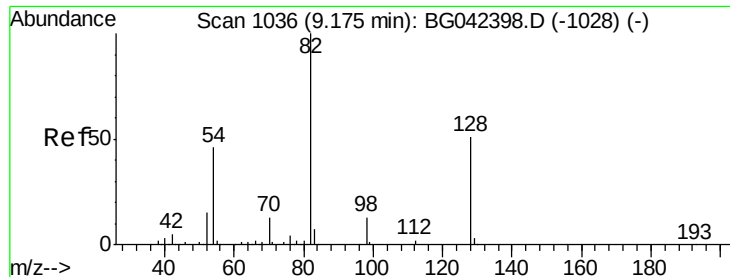
54 6.8 4.9 7.3

68 3.9 3.6 5.4



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

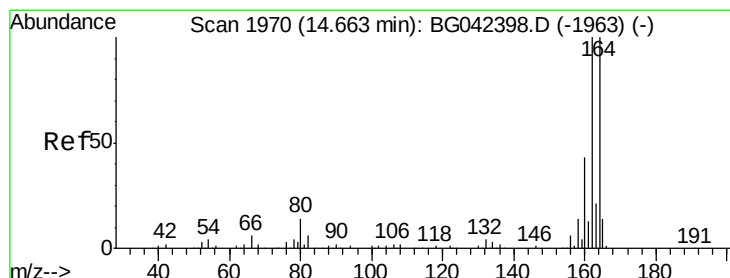
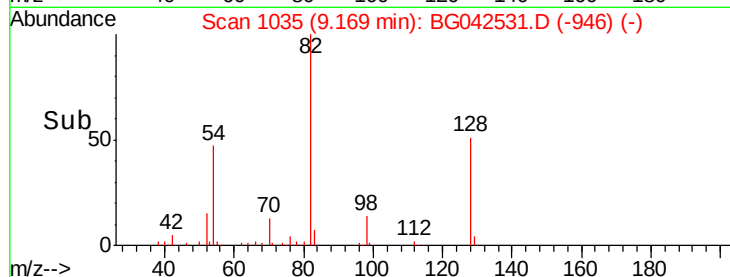
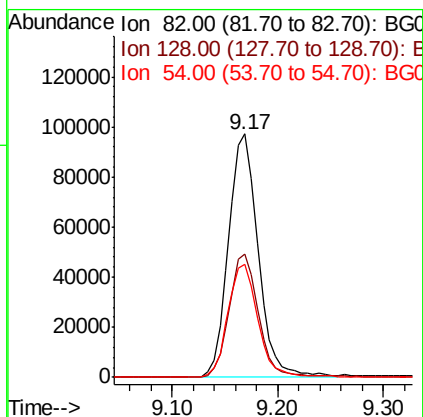
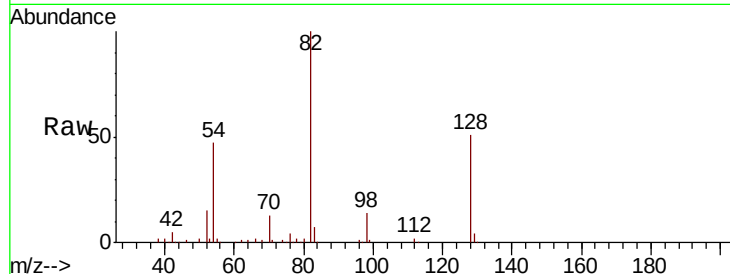




#23
Nitrobenzene-d5
Concen: 94.018 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042531.D
Acq: 28 Aug 2019 13:59

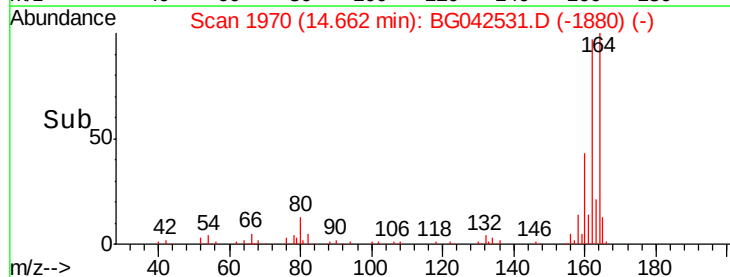
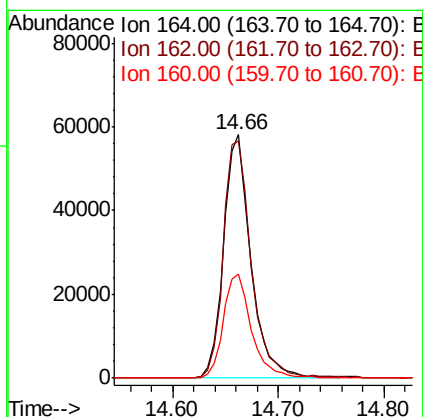
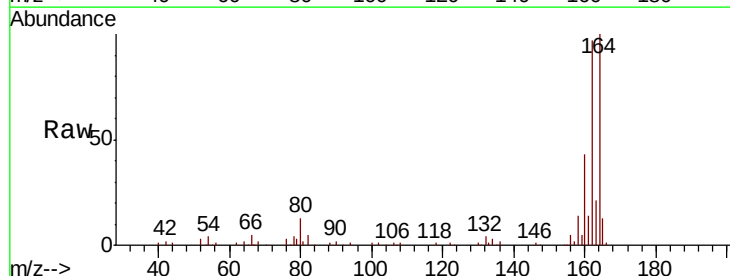
Instrument :
BNA_G
ClientSampleId :
PB122619BL

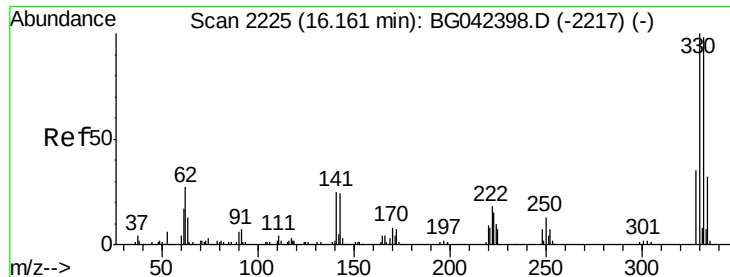
Tot Ion: 82 Resp: 189083
Ion Ratio Lower Upper
82 100
128 50.8 40.7 61.1
54 46.6 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042531.D
Acq: 28 Aug 2019 13:59

Tgt Ion:164 Resp: 103698
Ion Ratio Lower Upper
164 100
162 97.2 79.9 119.9
160 42.8 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 143.912 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

Instrument :

BNA_G

ClientSampleId :

PB122619BL

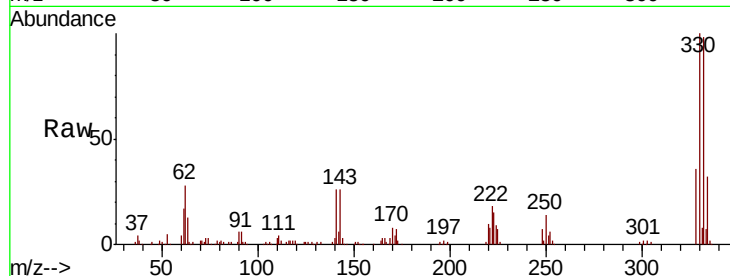
Tot Ion:330 Resp: 212112

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

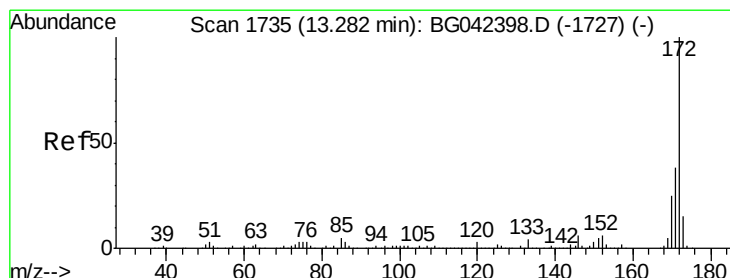
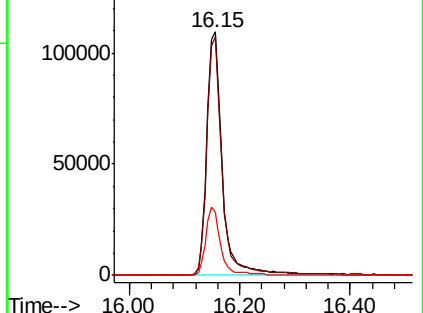
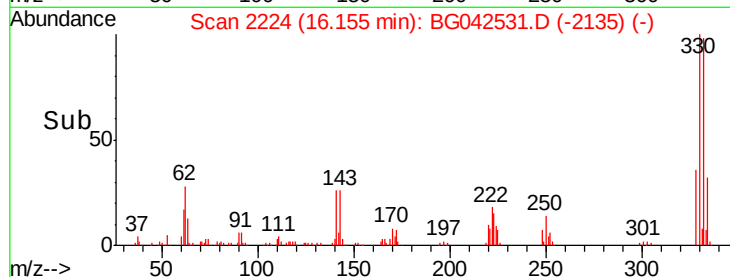
141 26.7 21.4 32.0



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: 103.618 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

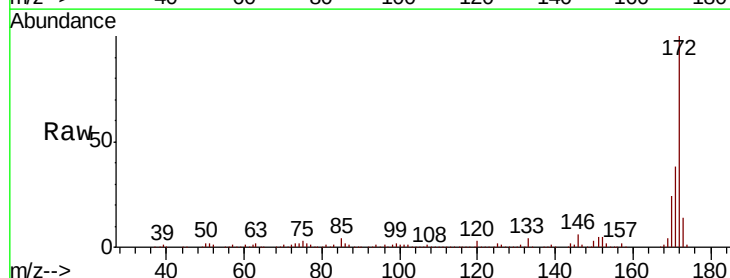
Tgt Ion:172 Resp: 635313

Ion Ratio Lower Upper

172 100

171 37.6 30.5 45.7

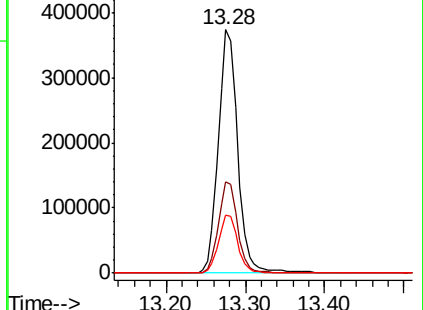
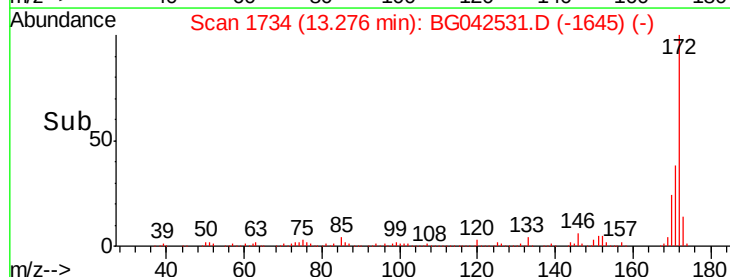
170 23.6 20.2 30.2

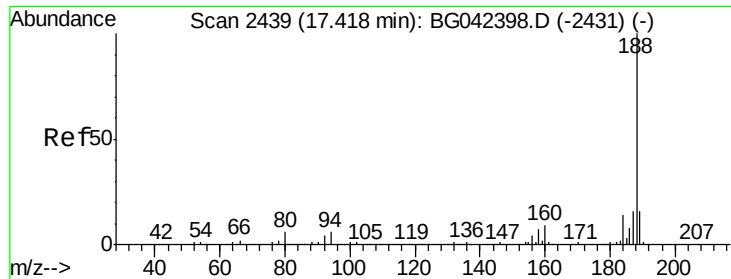


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

Instrument :

BNA_G

ClientSampleId :

PB122619BL

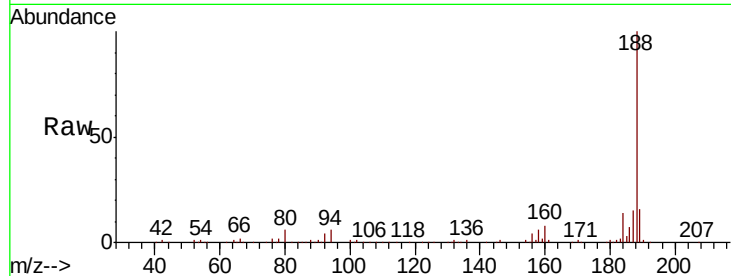
Tot Ion:188 Resp: 257304

Ion Ratio Lower Upper

188 100

94 5.9 4.5 6.7

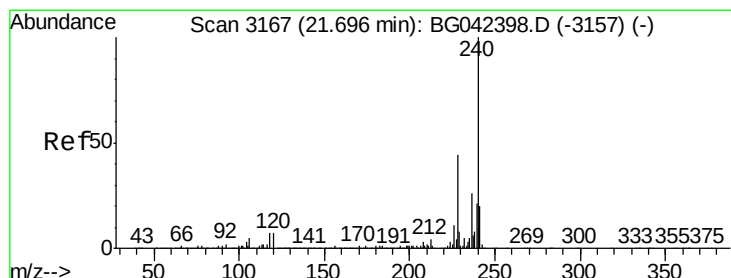
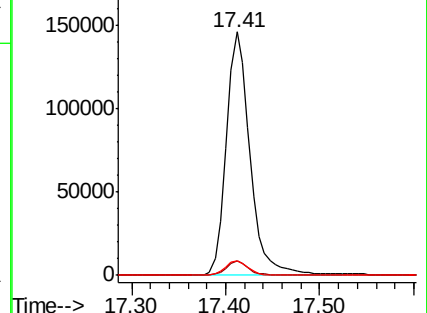
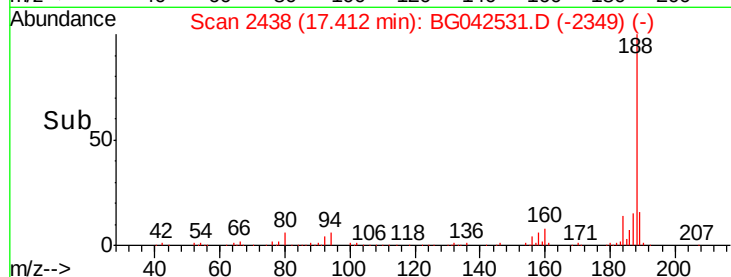
80 5.9 4.9 7.3



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

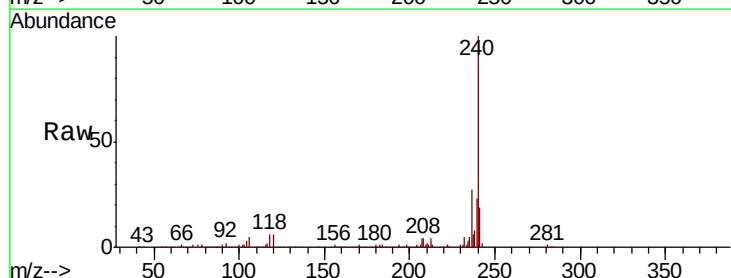
Tgt Ion:240 Resp: 288298

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

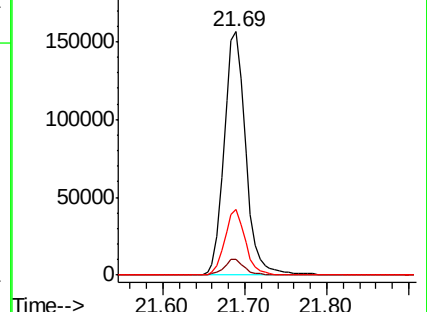
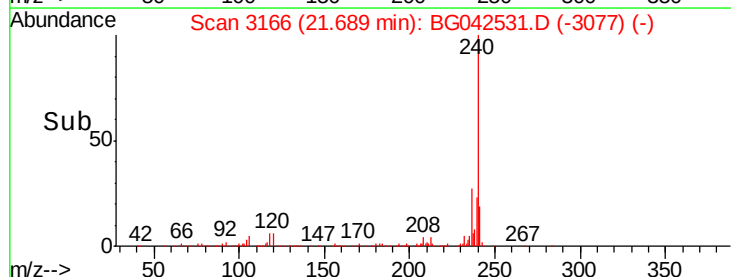
236 27.0 21.0 31.4

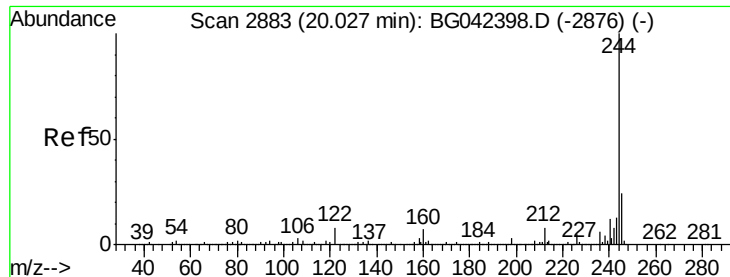


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.921 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

Instrument :

BNA_G

ClientSampleId :

PB122619BL

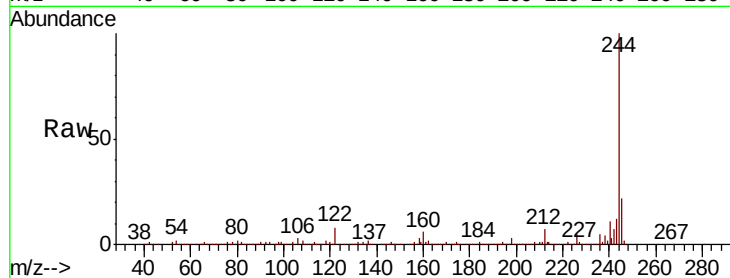
Tot Ion:244 Resp: 1279132

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

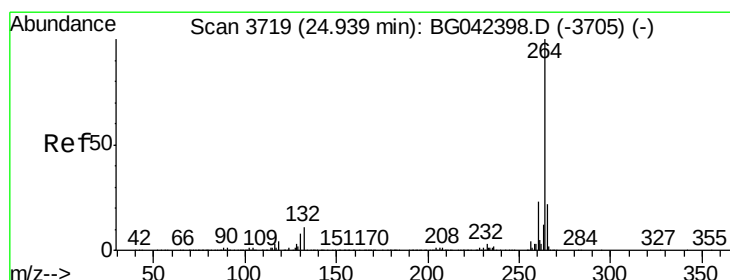
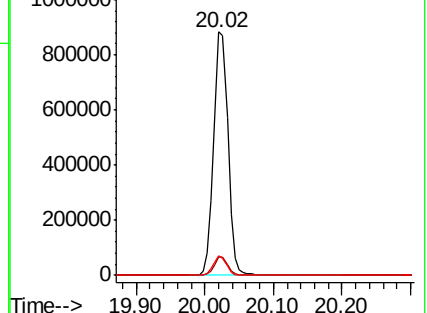
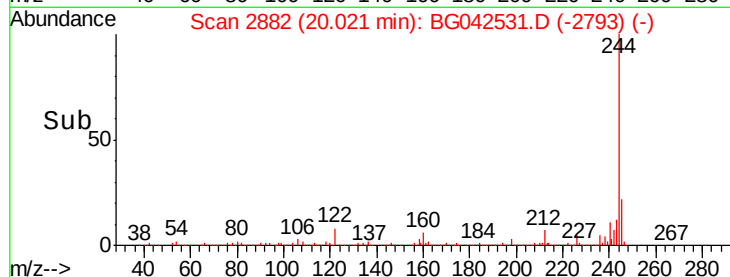
122 8.1 6.7 10.1



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042531.D

Acq: 28 Aug 2019 13:59

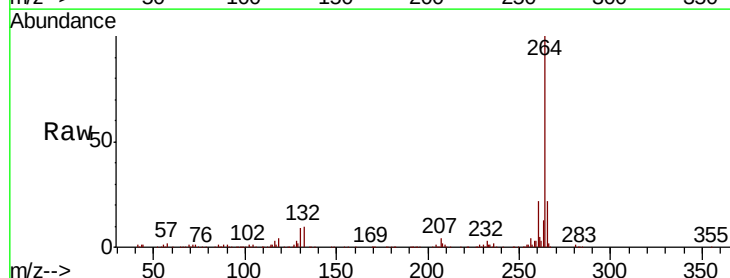
Tgt Ion:264 Resp: 327848

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 21.7 17.6 26.4



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

