

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042803.D
 Acq On : 13 Sep 2019 5:47
 Operator : HP/JU
 Sample : PB123028BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BL

Quant Time: Sep 13 08:46:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	88202	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	339937	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	228115	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	544665	20.00	ng	0.00
76) Chrysene-d12	21.75	240	585754	20.00	ng	-0.01
87) Perylene-d12	25.02	264	623574	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	688047	135.62	ng	0.00
7) Phenol-d6	7.27	99	996942	136.91	ng	0.00
23) Nitrobenzene-d5	9.28	82	617927	94.64	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	425389	140.17	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1342285	93.14	ng	0.00
79) Terphenyl-d14	20.09	244	2461740	93.14	ng	0.00

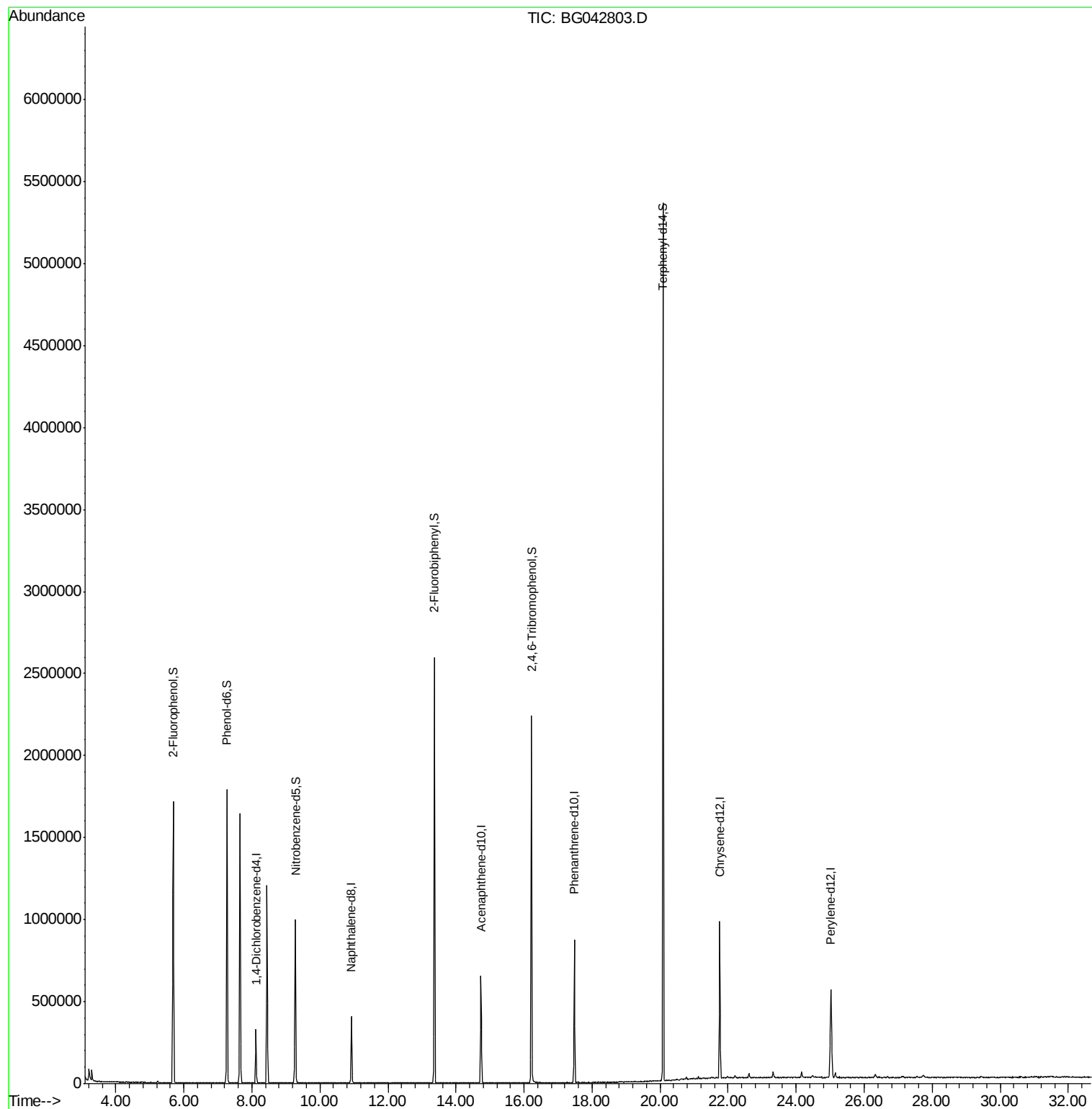
Target Compounds Qvalue

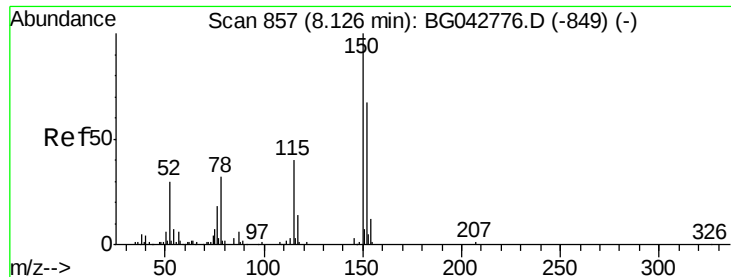
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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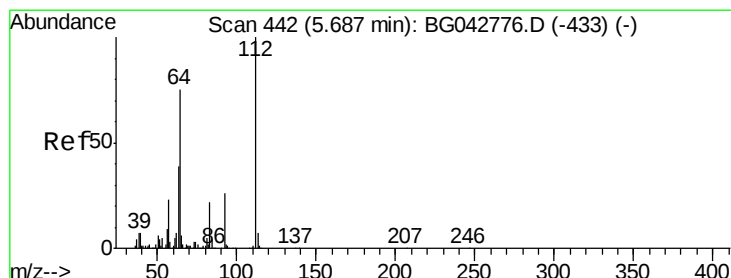
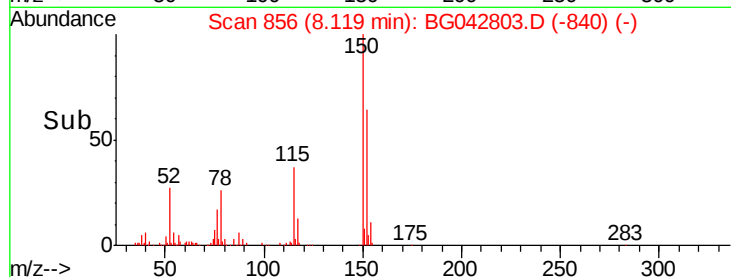
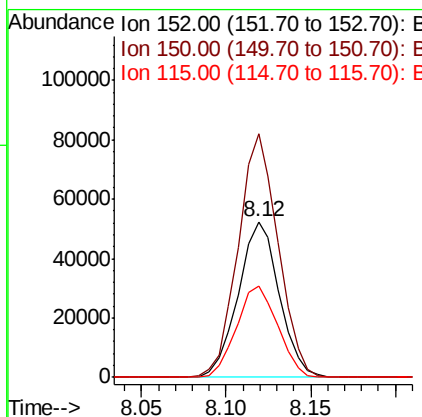
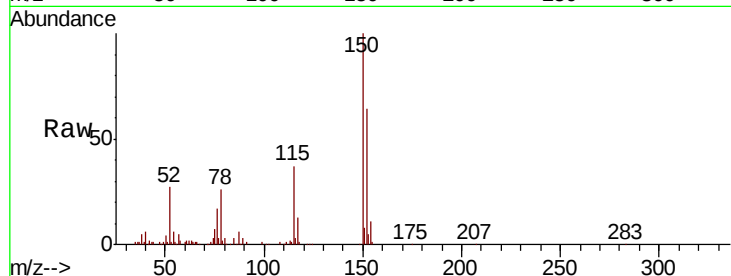


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042803.D
Acq: 13 Sep 2019 5:47

Instrument :
BNA_G
ClientSampleId :
PB123028BL

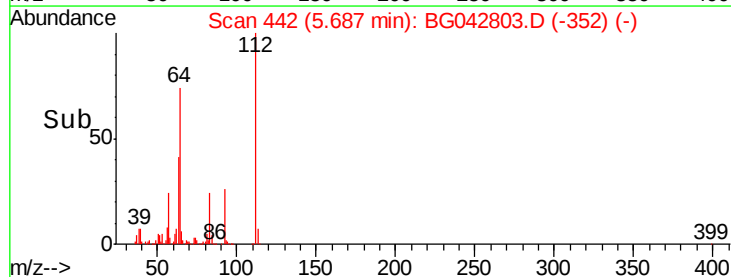
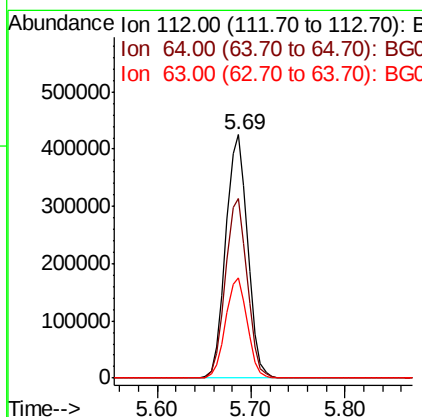
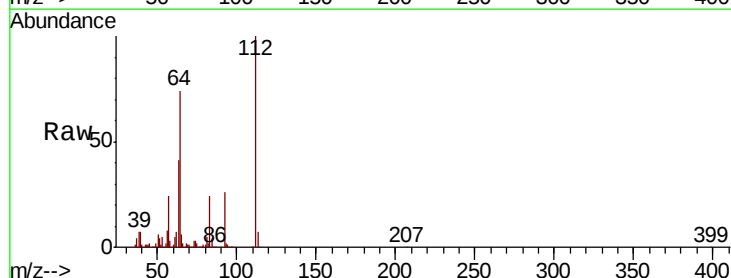
Tot Ion:152 Resp: 88202
Ion Ratio Lower Upper
152 100
150 156.6 118.9 178.3
115 58.3 47.4 71.2

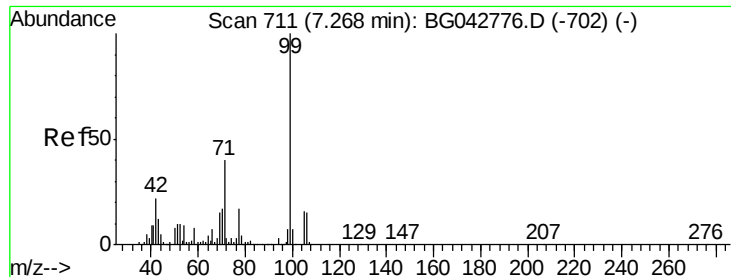


#5

2-Fluorophenol
Concen: 135.621 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042803.D
Acq: 13 Sep 2019 5:47

Tgt Ion:112 Resp: 688047
Ion Ratio Lower Upper
112 100
64 73.6 60.2 90.2
63 40.9 31.2 46.8





#7

Phenol-d6

Concen: 136.906 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042803.D

Acq: 13 Sep 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB123028BL

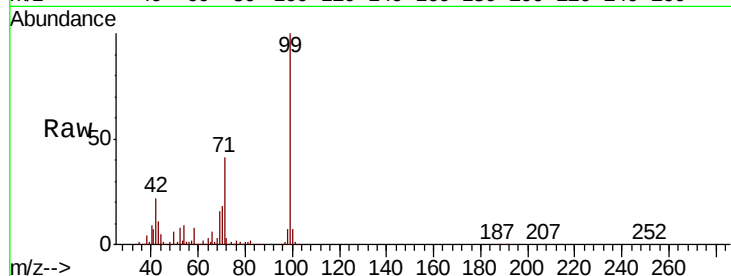
Tot Ion: 99 Resp: 996942

Ion Ratio Lower Upper

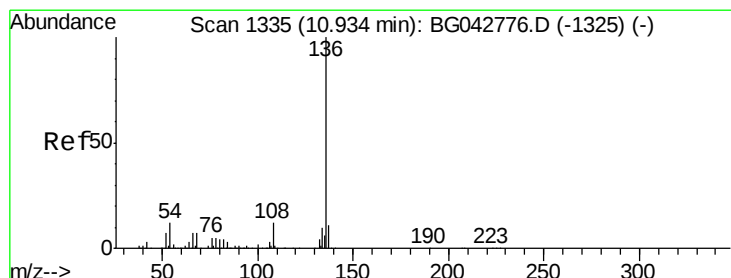
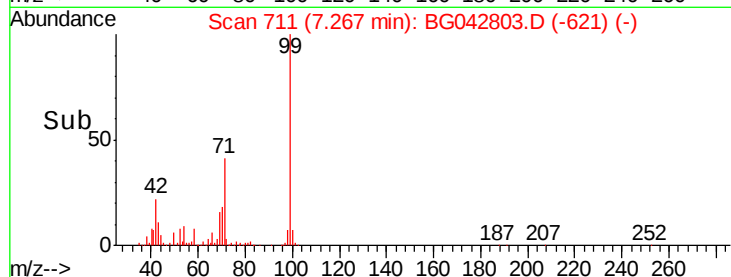
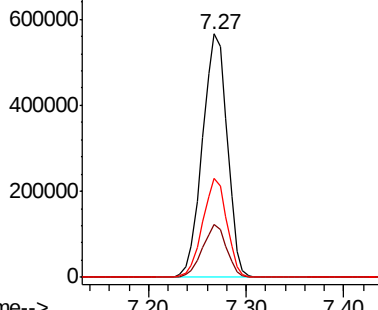
99 100

42 21.9 17.5 26.3

71 40.6 32.0 48.0



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: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042803.D

Acq: 13 Sep 2019 5:47

Tgt Ion: 136 Resp: 339937

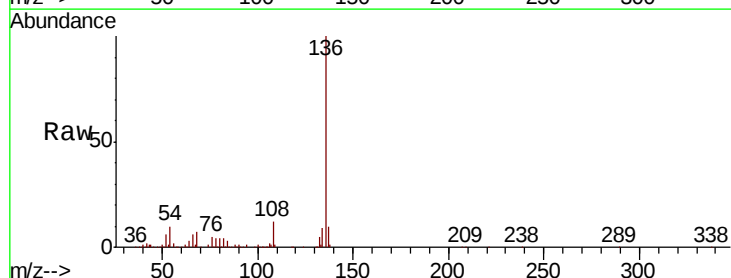
Ion Ratio Lower Upper

136 100

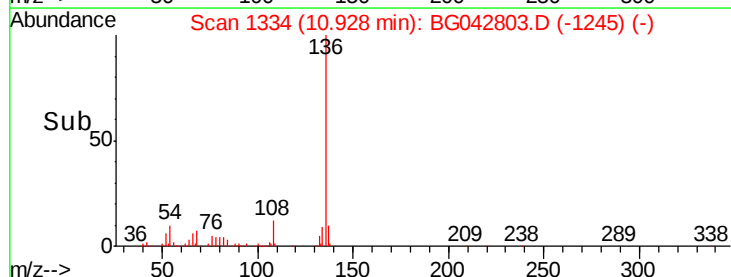
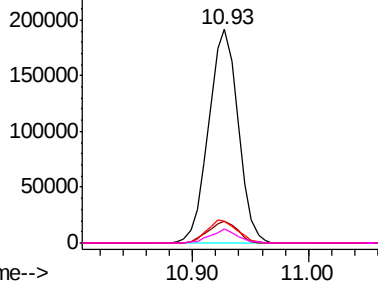
137 10.1 9.0 13.6

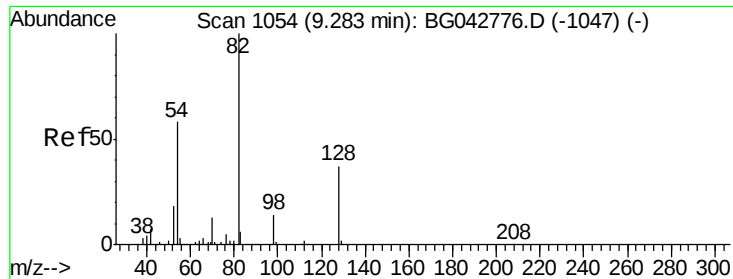
54 10.5 9.4 14.0

68 6.7 5.4 8.2



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

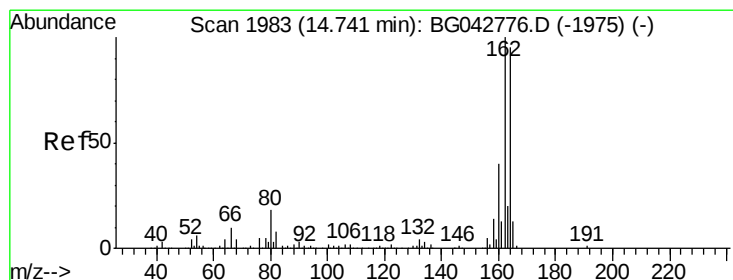
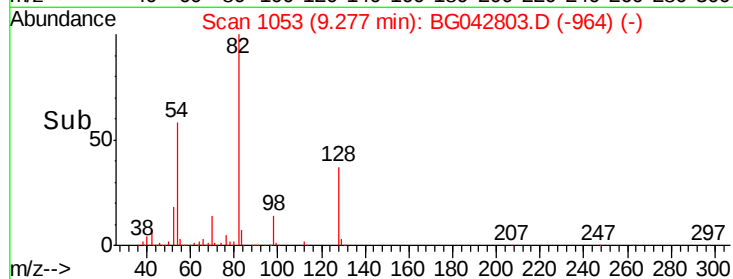
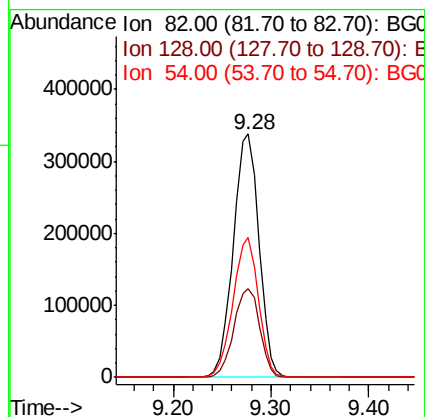
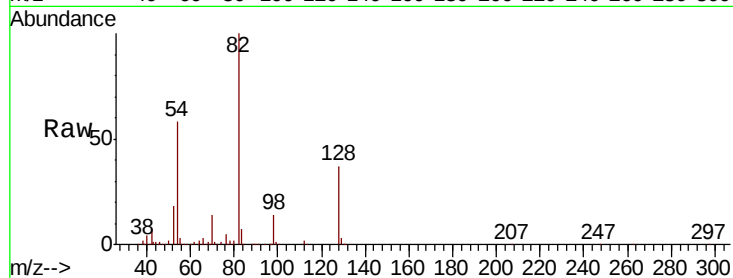




#23
Nitrobenzene-d5
Concen: 94.638 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042803.D
Acq: 13 Sep 2019 5:47

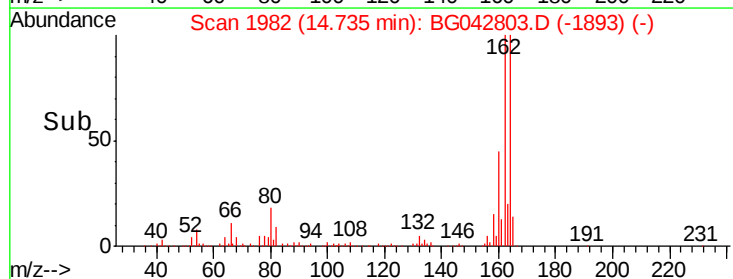
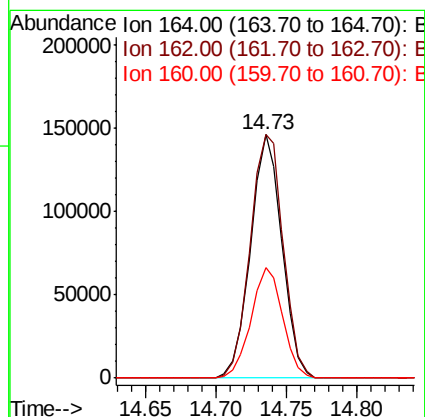
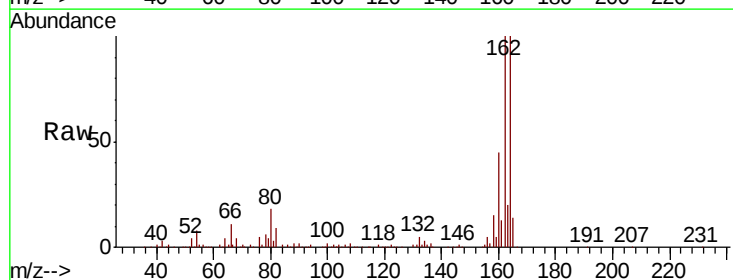
Instrument :
BNA_G
ClientSampled :
PB123028BL

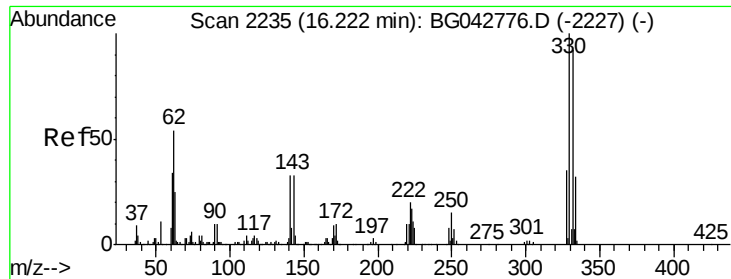
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.8	44.8
54	57.6	46.1	69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042803.D
Acq: 13 Sep 2019 5:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	84.6	126.8
160	45.2	34.2	51.2

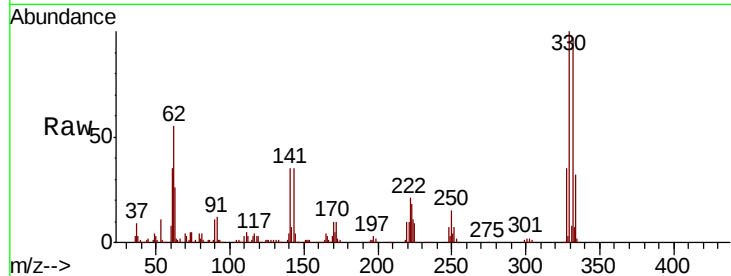




#42
 2,4,6-Tribromophenol
 Concen: 140.166 ng
 RT: 16.22 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG042803.D
 Acq: 13 Sep 2019 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB123028BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	34.9	27.0	40.6

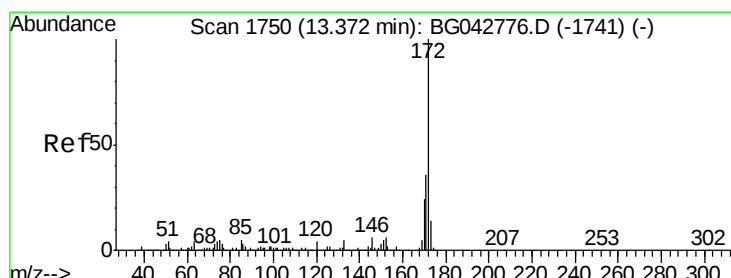
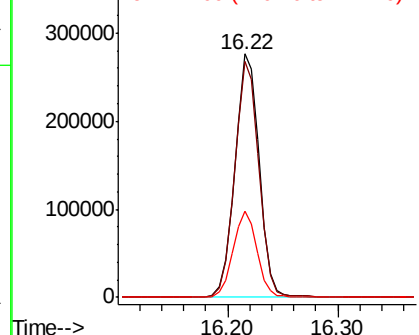
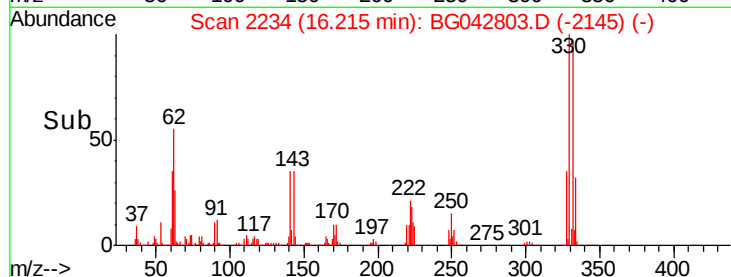


Abundance

Ion 329.80 (329.50 to 330.50): E

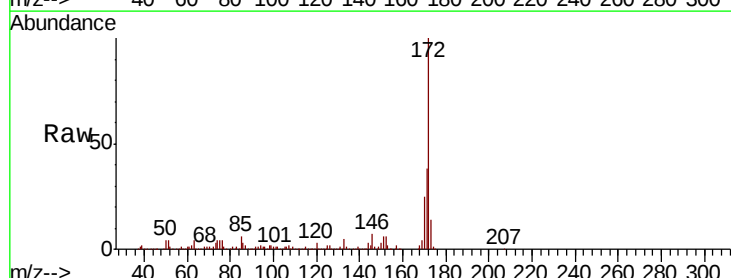
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.144 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042803.D
 Acq: 13 Sep 2019 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.9	43.3
170	25.5	19.1	28.7

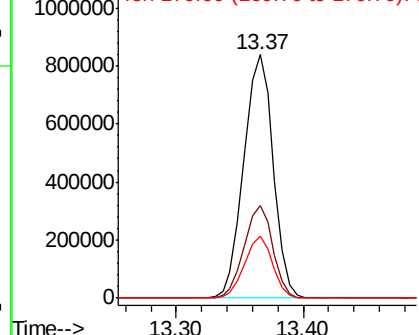
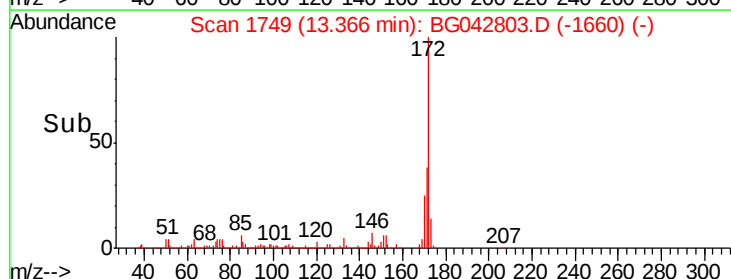


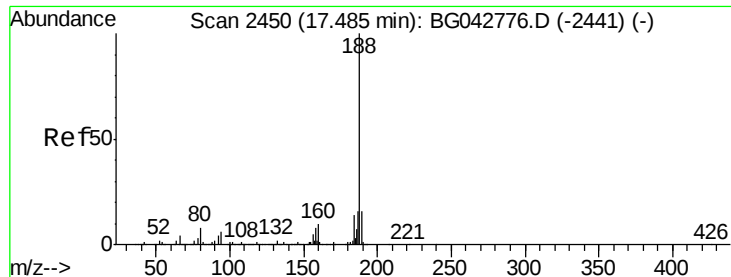
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042803.D

Acq: 13 Sep 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB123028BL

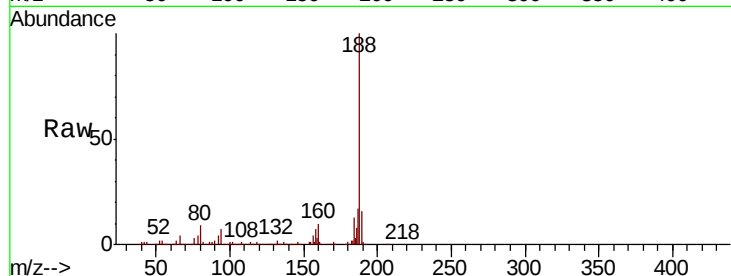
Tot Ion:188 Resp: 544665

Ion Ratio Lower Upper

188 100

94 6.9 4.8 7.2

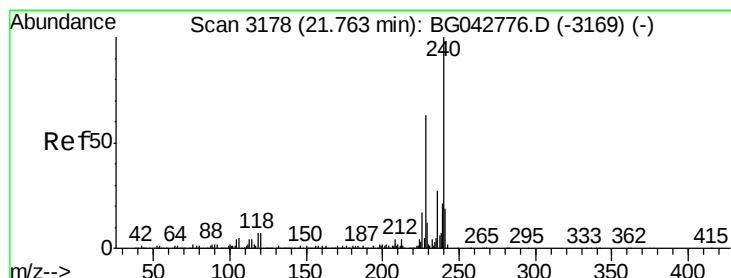
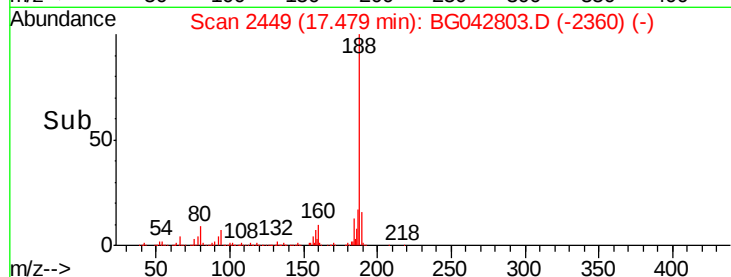
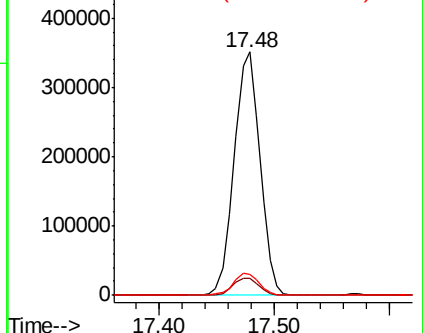
80 8.6 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042803.D

Acq: 13 Sep 2019 5:47

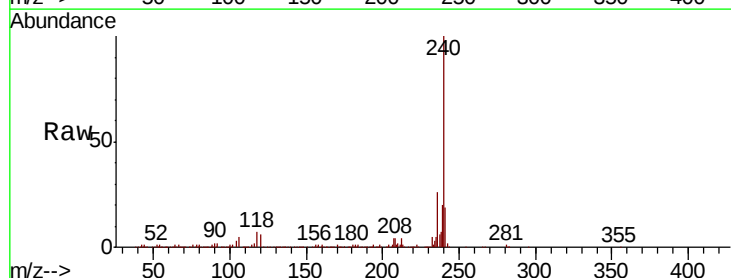
Tgt Ion:240 Resp: 585754

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.2

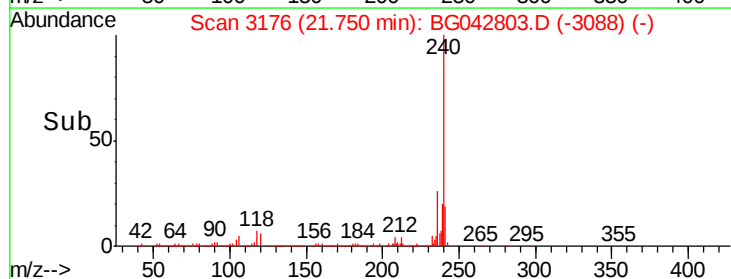
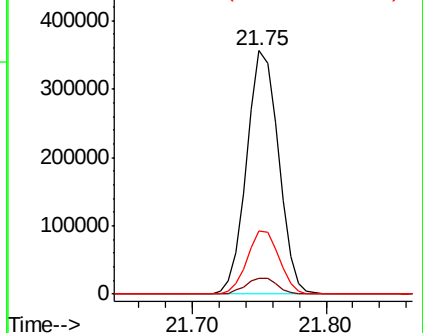
236 25.9 21.7 32.5

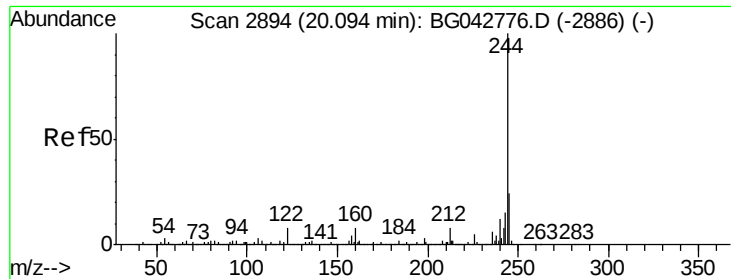


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.143 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042803.D

Acq: 13 Sep 2019 5:47

Instrument :

BNA_G

ClientSampleId :

PB123028BL

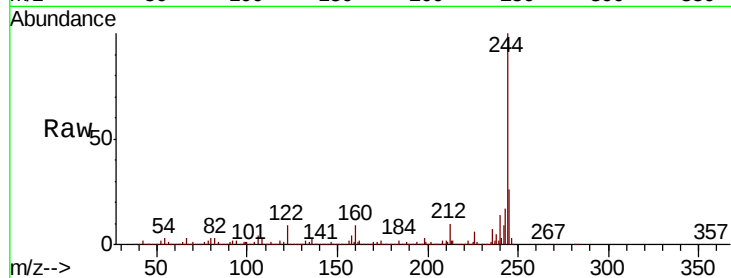
Tot Ion:244 Resp: 2461740

Ion Ratio Lower Upper

244 100

212 9.5 6.6 10.0

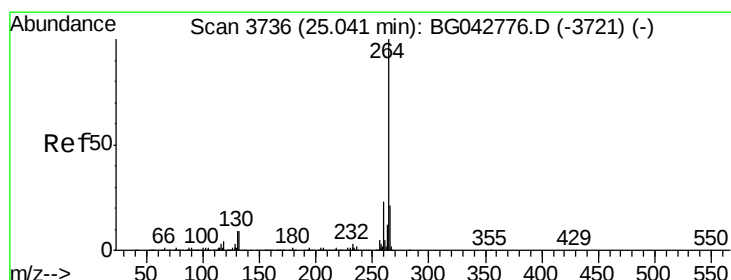
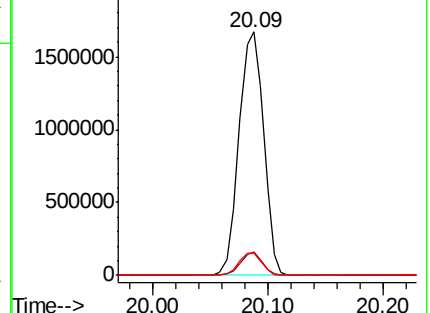
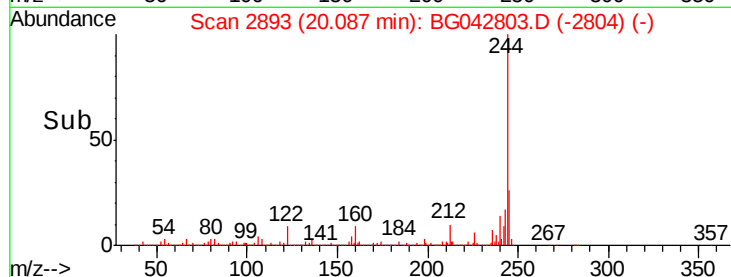
122 9.2 6.2 9.4



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# 3733

Delta R.T. -0.02 min

Lab File: BG042803.D

Acq: 13 Sep 2019 5:47

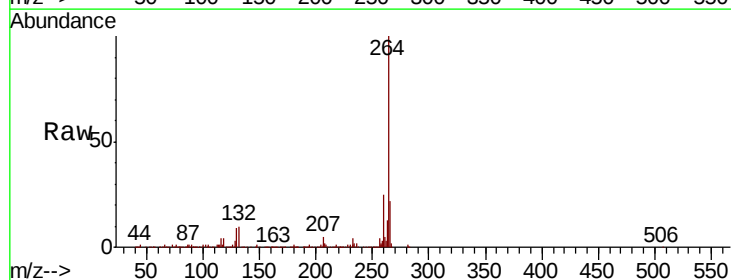
Tgt Ion:264 Resp: 623574

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 22.3 16.9 25.3



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

