

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042796.D
 Acq On : 13 Sep 2019 00:03
 Operator : HP/JU
 Sample : K4822-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4A-(9-10)

Quant Time: Sep 13 08:20:15 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

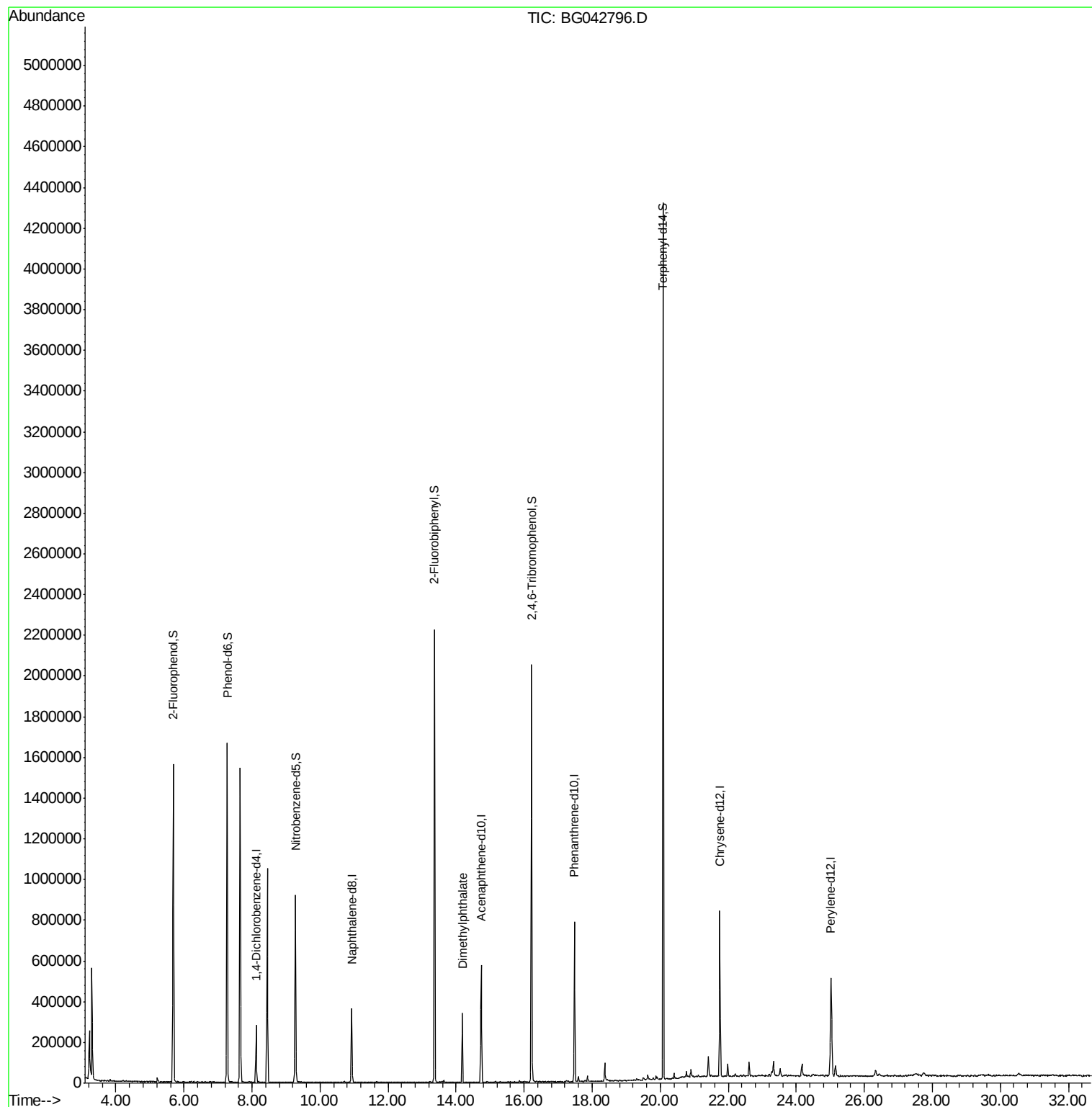
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	78709	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	298917	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	199844	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	477837	20.00	ng	0.00
76) Chrysene-d12	21.75	240	497745	20.00	ng	0.00
87) Perylene-d12	25.02	264	537849	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	616945	136.27	ng	0.00
7) Phenol-d6	7.27	99	917508	141.19	ng	0.00
23) Nitrobenzene-d5	9.27	82	553210	96.35	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	386583	145.40	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1170456	92.71	ng	0.00
79) Terphenyl-d14	20.08	244	1985726	88.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.19	163	227420	15.191	ng	Qvalue 99

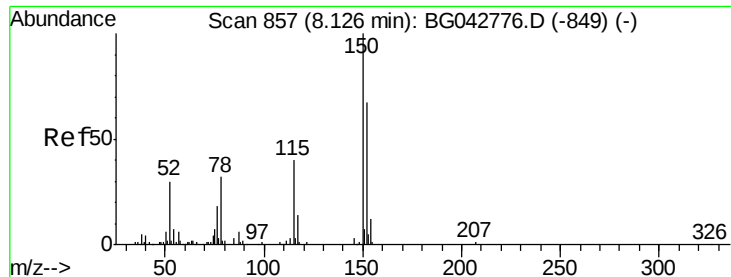
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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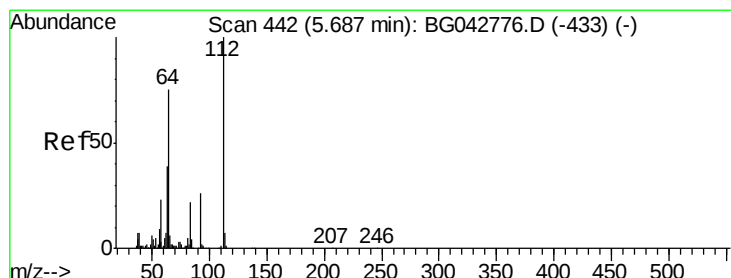
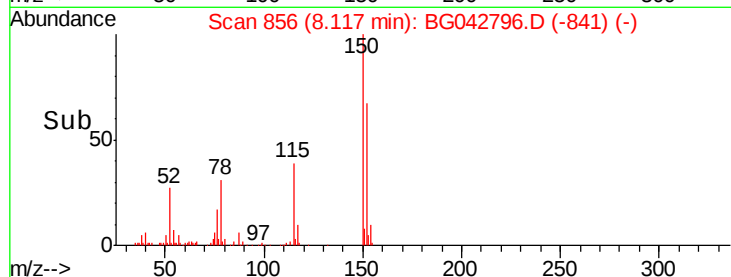
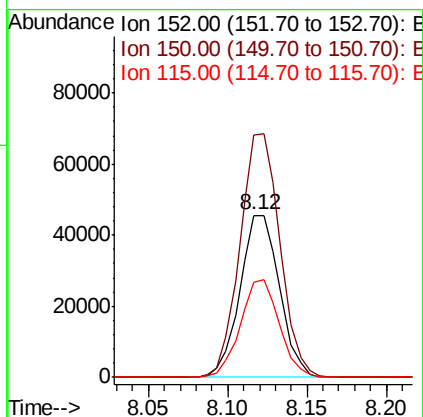
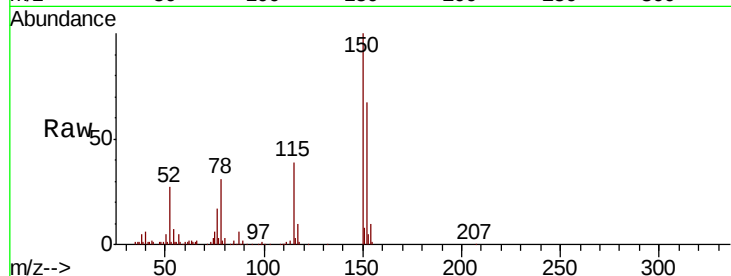


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042796.D
Acq: 13 Sep 2019 00:03

Instrument :
BNA_G
ClientSampleId :
SB-4A-(9-10)

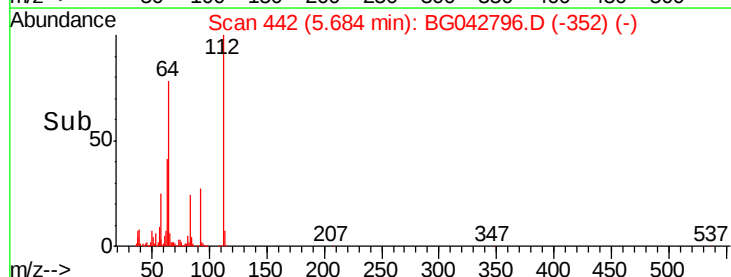
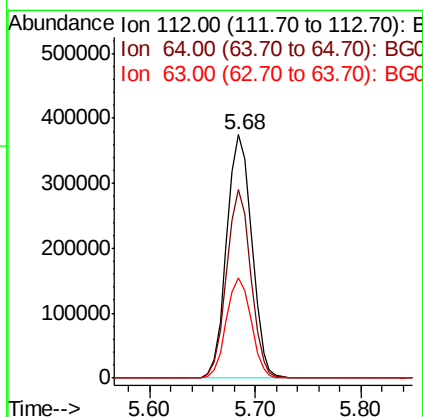
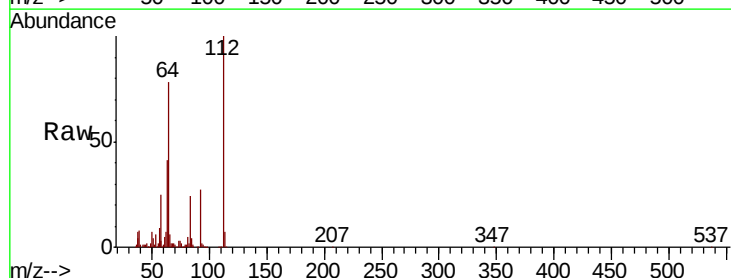
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	118.9	178.3
115	58.8	47.4	71.2

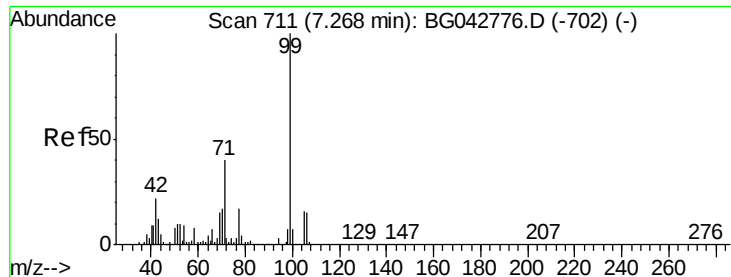


#5

2-Fluorophenol
Concen: 136.273 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042796.D
Acq: 13 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.7	60.2	90.2
63	41.1	31.2	46.8





#7

Phenol-d6

Concen: 141.195 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042796.D

Acq: 13 Sep 2019 00:03

Instrument :

BNA_G

ClientSampleId :

SB-4A-(9-10)

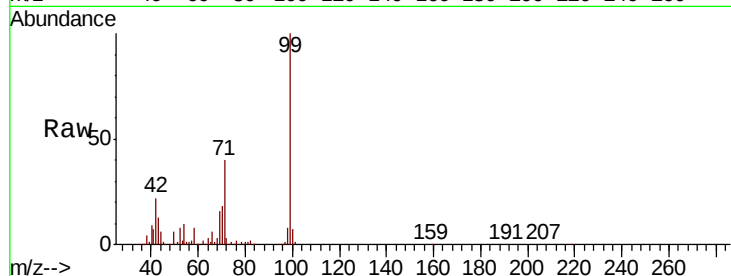
Tot Ion: 99 Resp: 917508

Ion Ratio Lower Upper

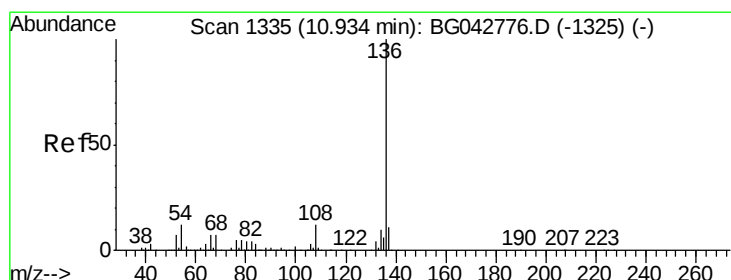
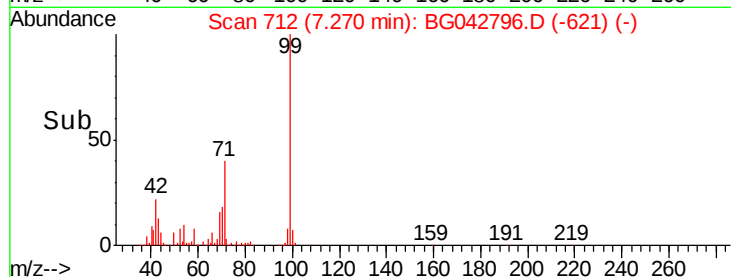
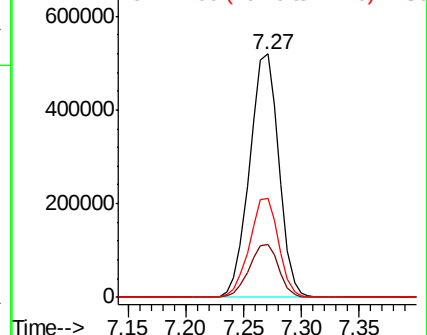
99 100

42 21.7 17.5 26.3

71 40.4 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# 1335

Delta R.T. -0.00 min

Lab File: BG042796.D

Acq: 13 Sep 2019 00:03

Tgt Ion: 136 Resp: 298917

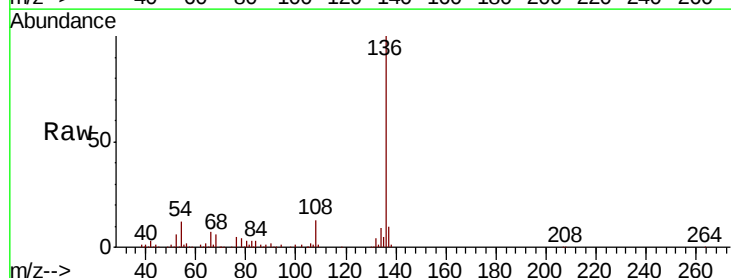
Ion Ratio Lower Upper

136 100

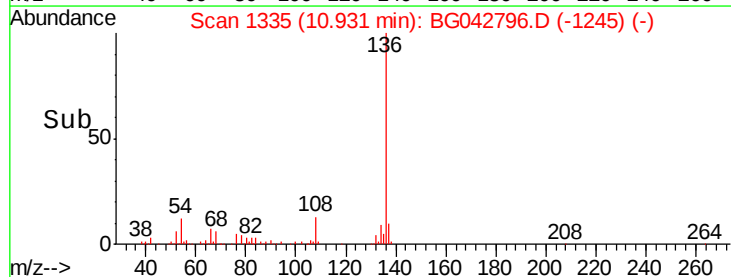
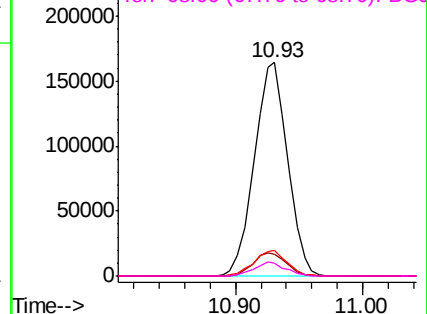
137 10.3 9.0 13.6

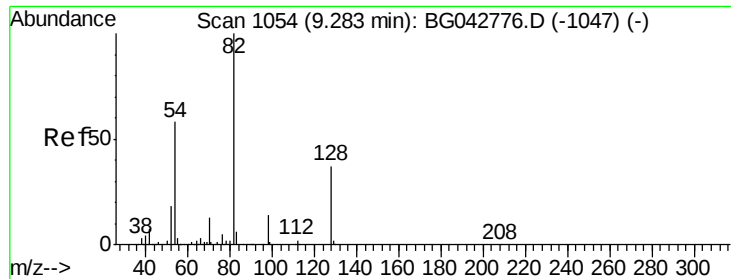
54 11.8 9.4 14.0

68 5.9 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

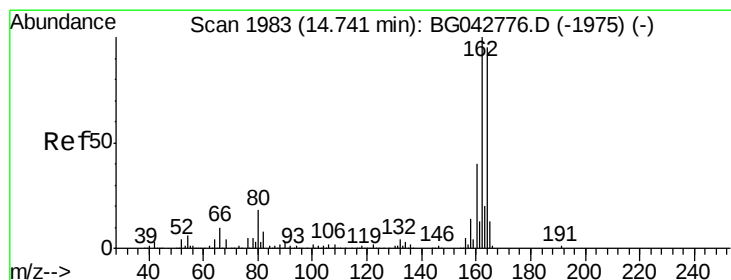
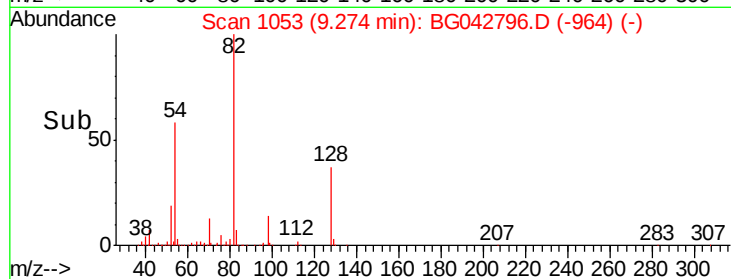
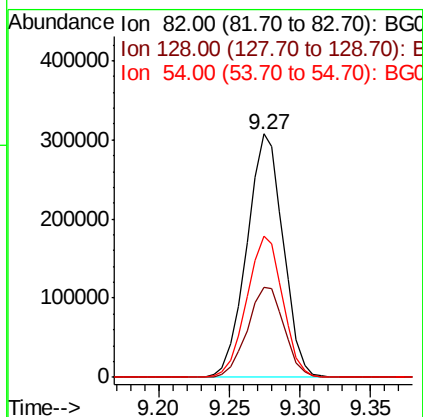
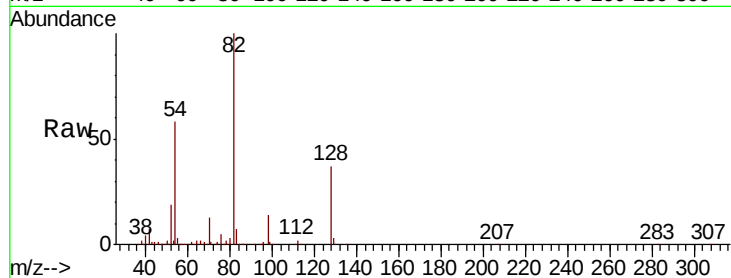




#23
 Nitrobenzene-d5
 Concen: 96.353 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042796.D
 Acq: 13 Sep 2019 00:03

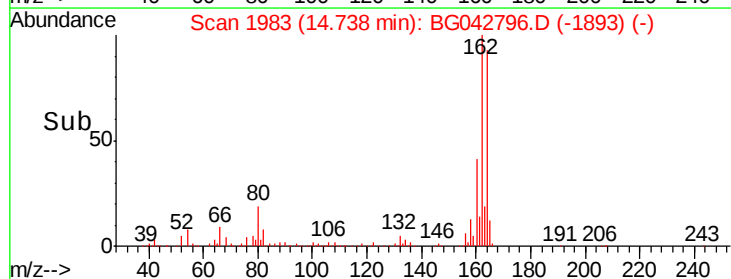
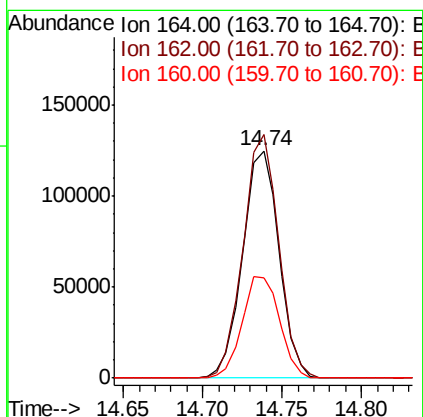
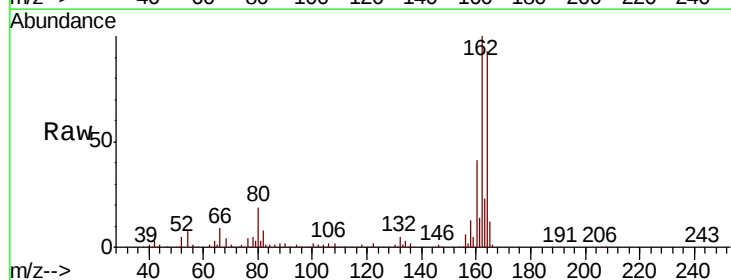
Instrument :
 BNA_G
 ClientSampleId :
 SB-4A-(9-10)

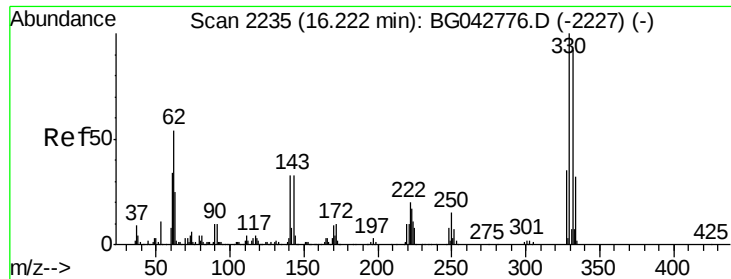
Tot Ion	82	Resp	553210
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.8	44.8
54	57.9	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG042796.D
 Acq: 13 Sep 2019 00:03

Tgt Ion	164	Resp	199844
Ion	Ratio	Lower	Upper
164	100		
162	107.1	84.6	126.8
160	44.2	34.2	51.2

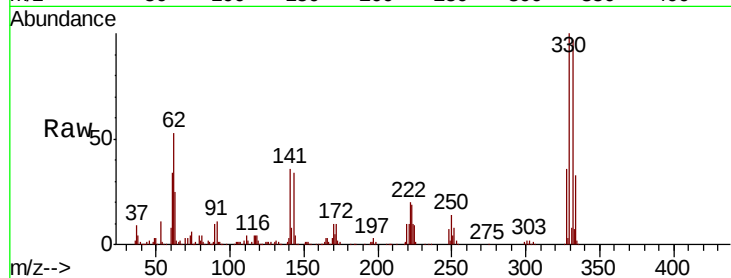




#42
 2,4,6-Tribromophenol
 Concen: 145.399 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042796.D
 Acq: 13 Sep 2019 00:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-4A-(9-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	36.5	27.0	40.6

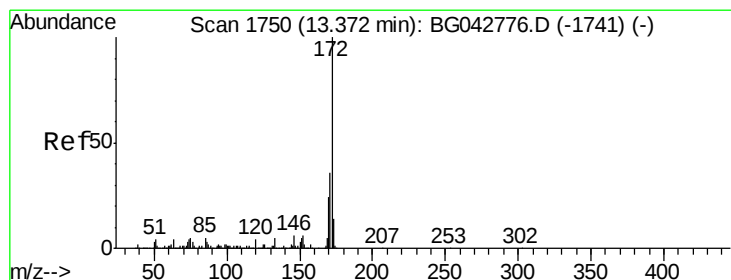
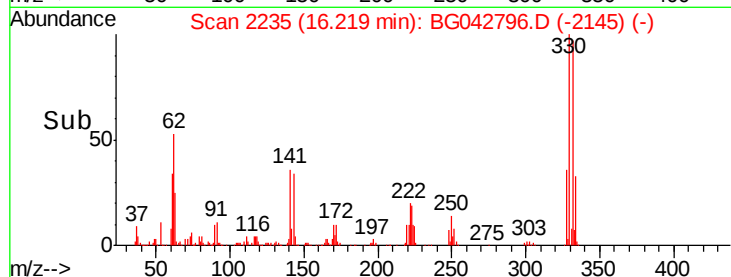
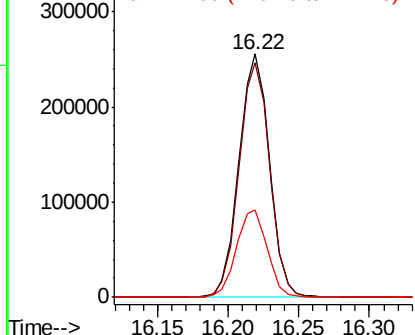


Abundance

Ion 329.80 (329.50 to 330.50): E

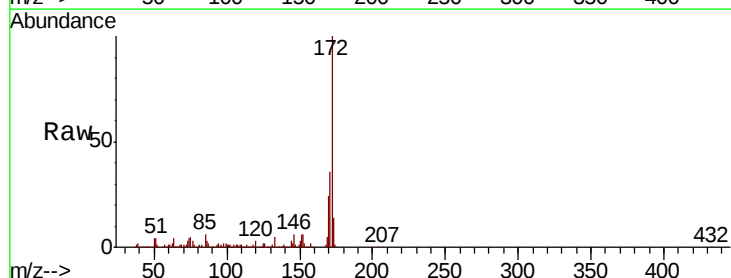
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.710 ng
 RT: 13.37 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG042796.D
 Acq: 13 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.2	19.1	28.7

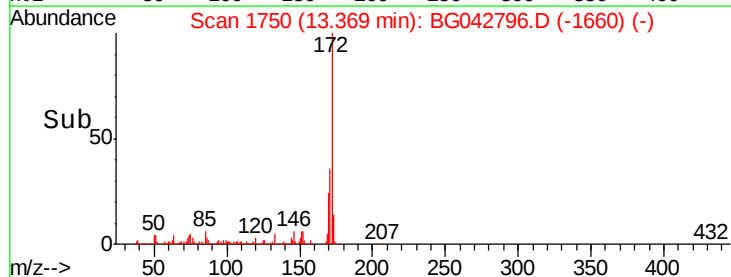
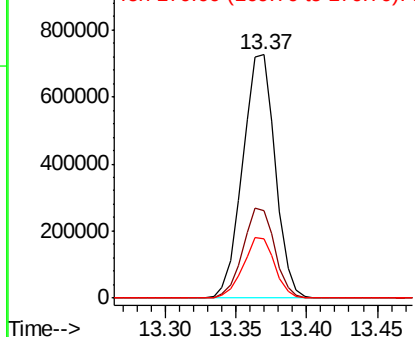


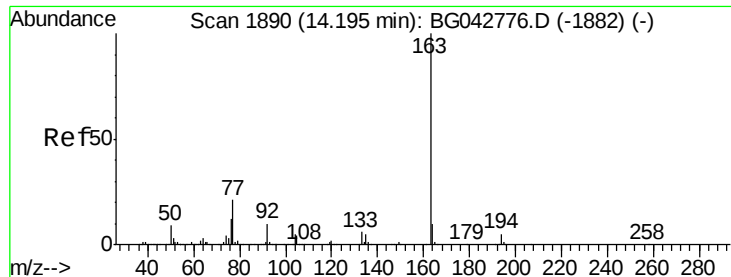
Abundance

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





#50

Dimethylphthalate

Concen: 15.191 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042796.D

Acq: 13 Sep 2019 00:03

Instrument :

BNA_G

ClientSampleId :

SB-4A-(9-10)

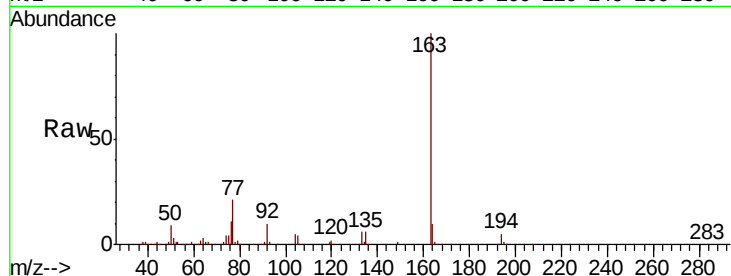
Tot Ion:163 Resp: 227420

Ion Ratio Lower Upper

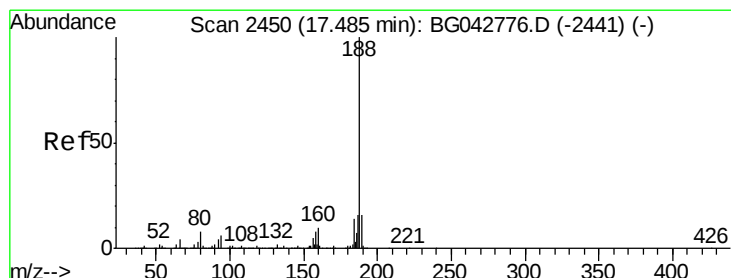
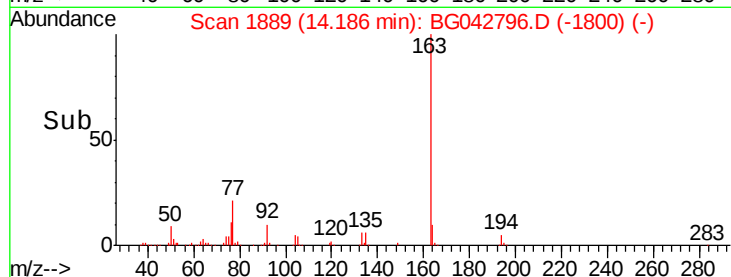
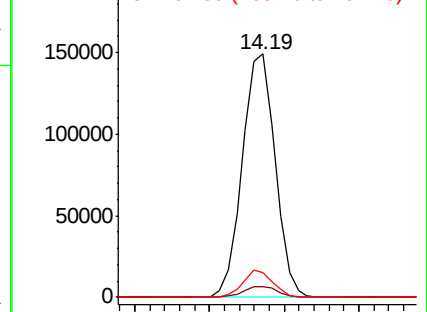
163 100

194 4.6 4.2 6.4

164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042796.D

Acq: 13 Sep 2019 00:03

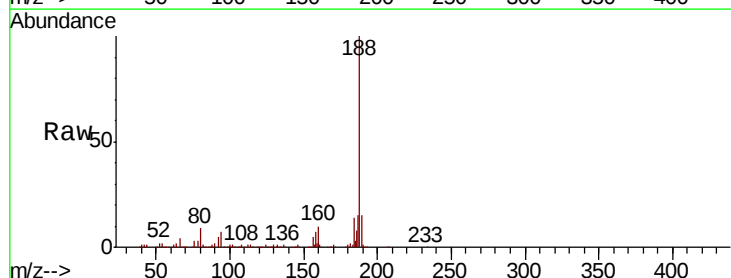
Tgt Ion:188 Resp: 477837

Ion Ratio Lower Upper

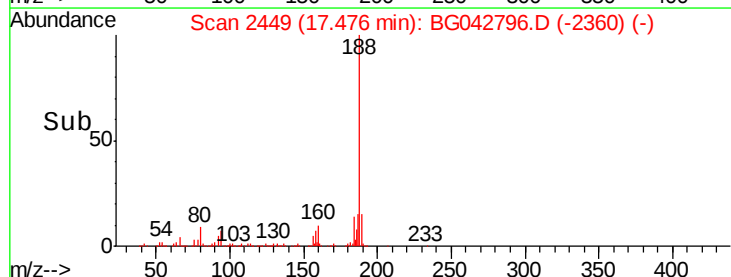
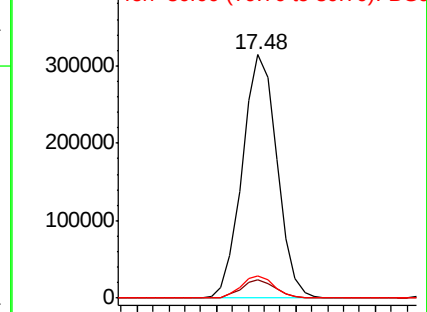
188 100

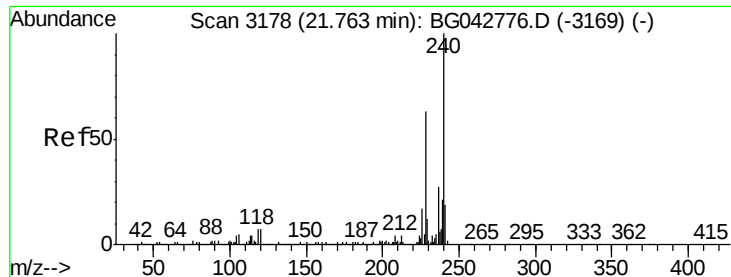
94 7.4 4.8 7.2#

80 8.9 6.6 9.8



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

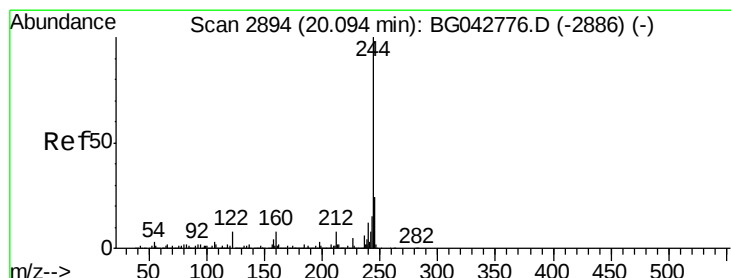
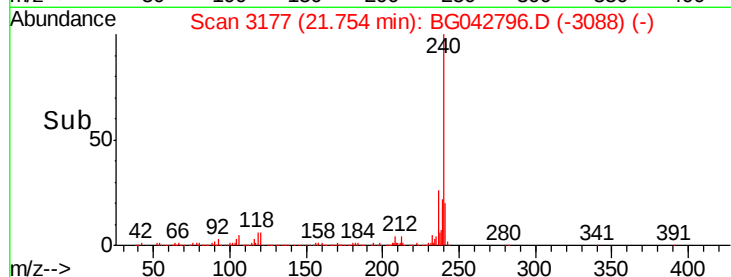
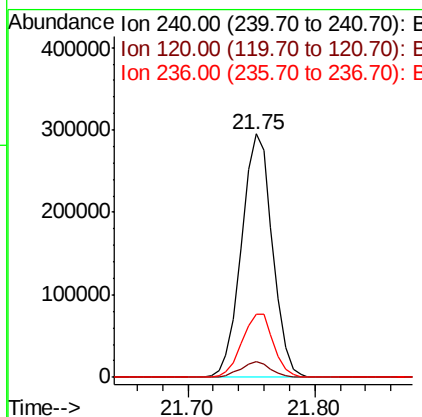
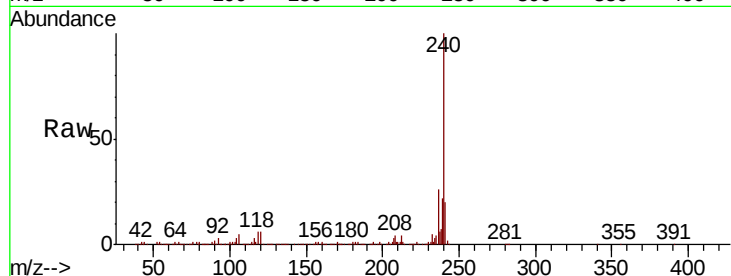




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042796.D
Acq: 13 Sep 2019 00:03

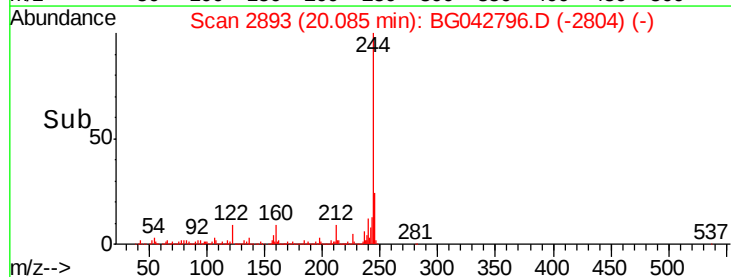
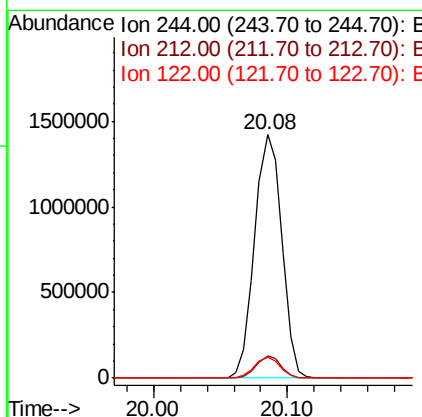
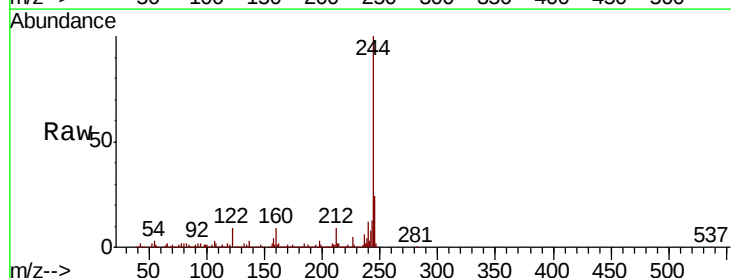
Instrument :
BNA_G
ClientSampleId :
SB-4A-(9-10)

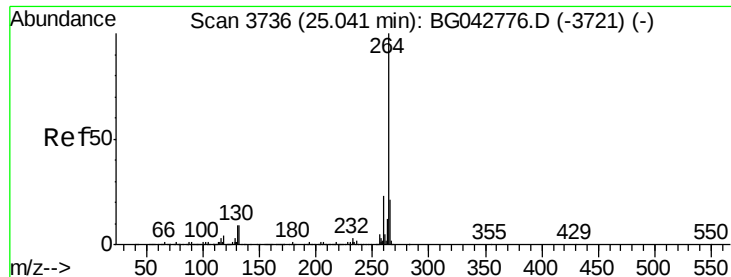
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.4	8.2
236	25.9	21.7	32.5



#79
Terphenyl-d14
Concen: 88.417 ng
RT: 20.08 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042796.D
Acq: 13 Sep 2019 00:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	10.0
122	8.7	6.2	9.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. -0.02 min
 Lab File: BG042796.D
 Acq: 13 Sep 2019 00:03

Instrument :
 BNA_G
 ClientSampleId :
 SB-4A-(9-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.0	16.9	25.3

