

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042898.D
 Acq On : 18 Sep 2019 17:33
 Operator : HP/JU
 Sample : K4863-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-6

Quant Time: Sep 19 02:40:12 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

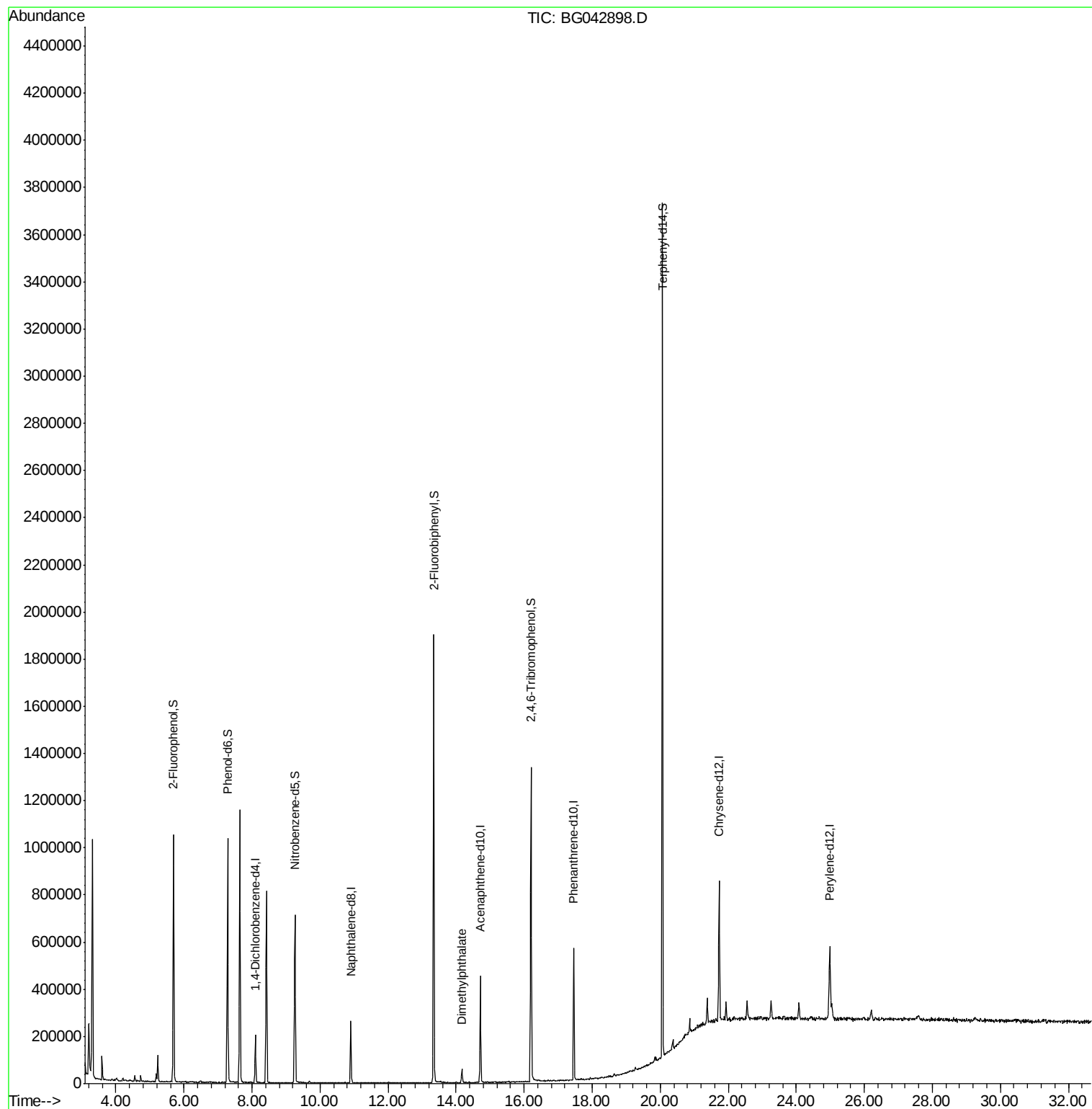
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54694	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	209927	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	157131	20.00	ng	-0.03
64) Phenanthrene-d10	17.45	188	369902	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	362804	20.00	ng	-0.03
87) Perylene-d12	24.99	264	379820	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	378767	120.40	ng	0.00
7) Phenol-d6	7.28	99	531438	117.69	ng	0.01
23) Nitrobenzene-d5	9.26	82	431500	107.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	267957	128.18	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	995507	100.29	ng	-0.03
79) Terphenyl-d14	20.07	244	1754733	107.19	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.17	163	41598	3.534	ng	Qvalue 99

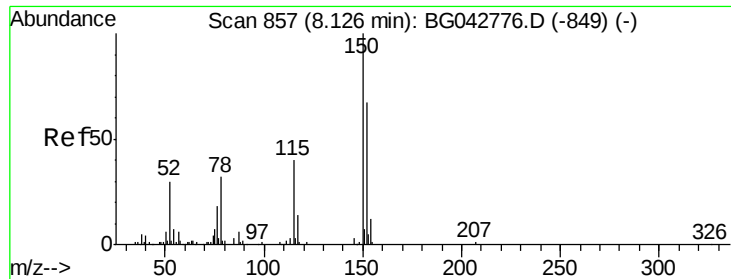
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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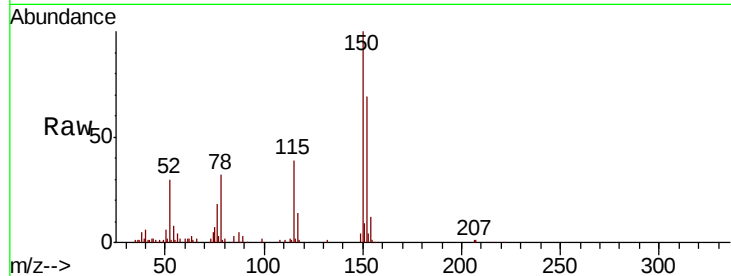


#1

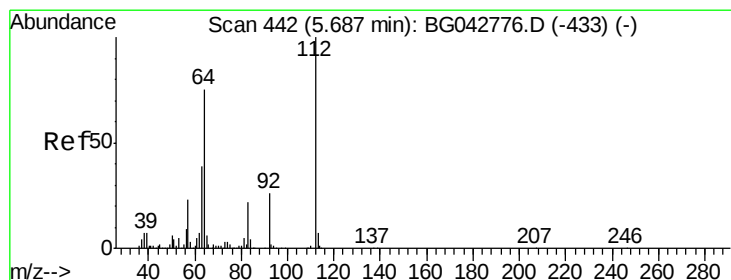
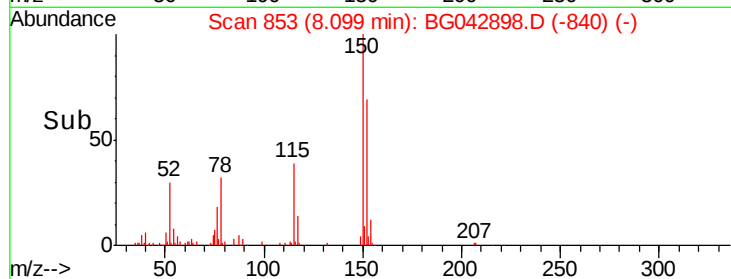
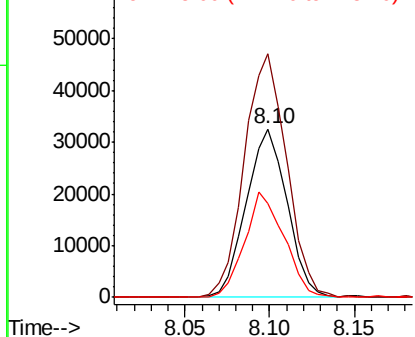
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042898.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :
CSA-4-6

Tot Ion:152 Resp: 54694
Ion Ratio Lower Upper
152 100
150 144.8 118.9 178.3
115 55.9 47.4 71.2



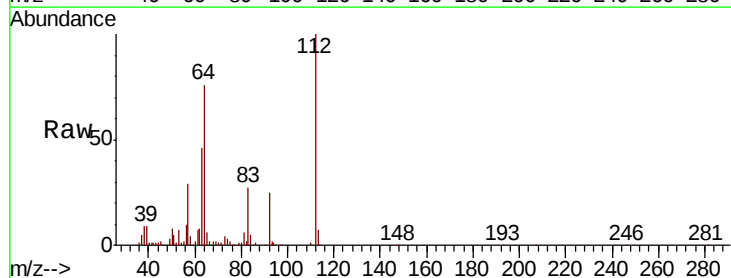
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



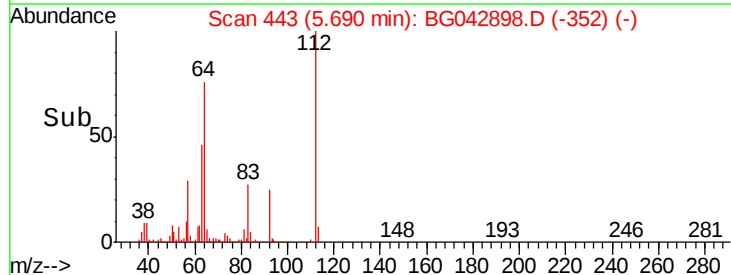
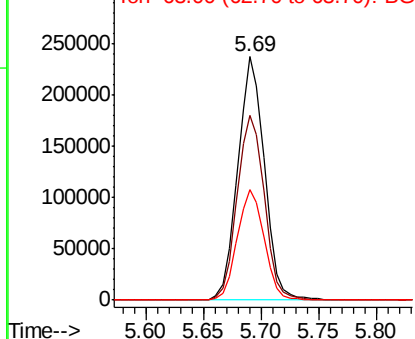
#5

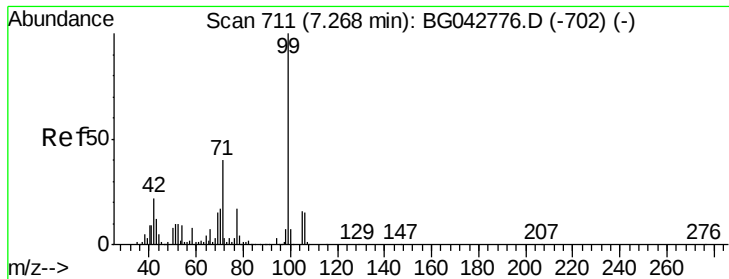
2-Fluorophenol
Concen: 120.398 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.00 min
Lab File: BG042898.D
Acq: 18 Sep 2019 17:33

Tgt Ion:112 Resp: 378767
Ion Ratio Lower Upper
112 100
64 76.0 60.2 90.2
63 45.5 31.2 46.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 117.692 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG042898.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

CSA-4-6

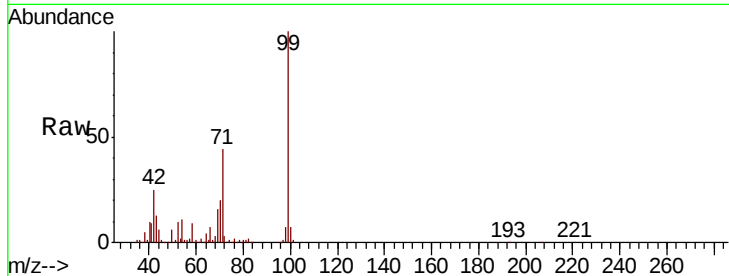
Tot Ion: 99 Resp: 531438

Ion Ratio Lower Upper

99 100

42 24.9 17.5 26.3

71 43.7 32.0 48.0

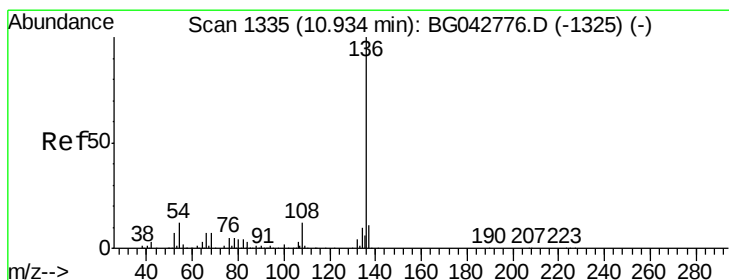
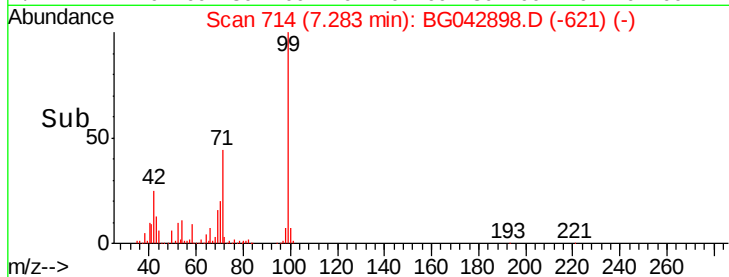
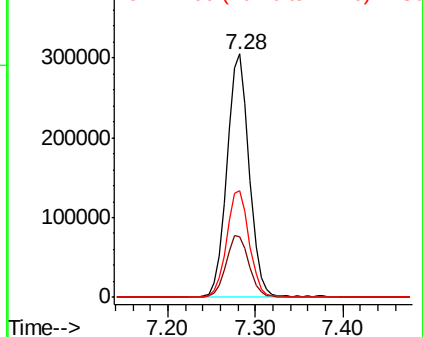


Abundance

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: 10.90 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BG042898.D

Acq: 18 Sep 2019 17:33

Tgt Ion: 136 Resp: 209927

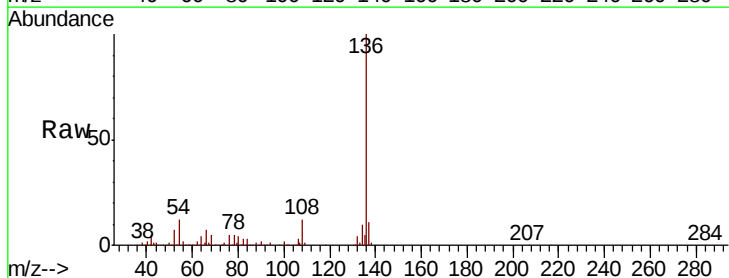
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 12.0 9.4 14.0

68 5.5 5.4 8.2



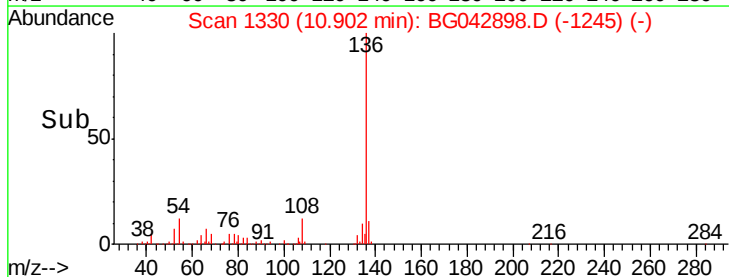
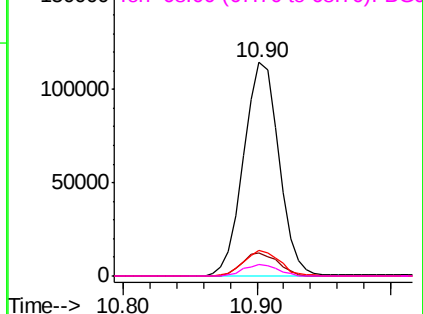
Abundance

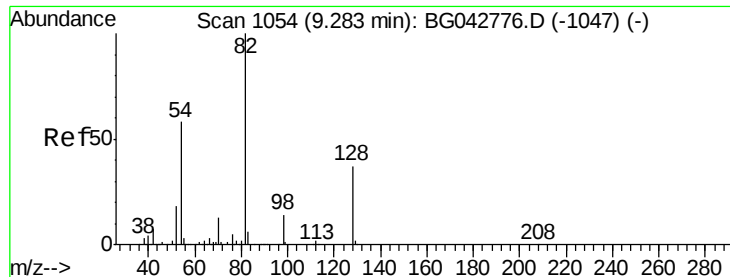
Ion 136.00 (135.70 to 136.70): BGC

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

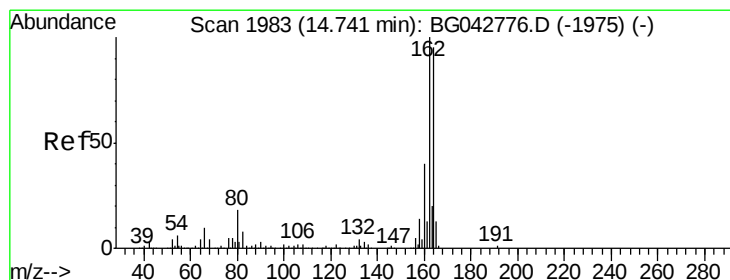
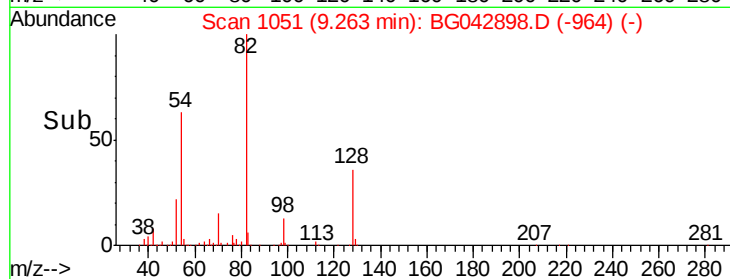
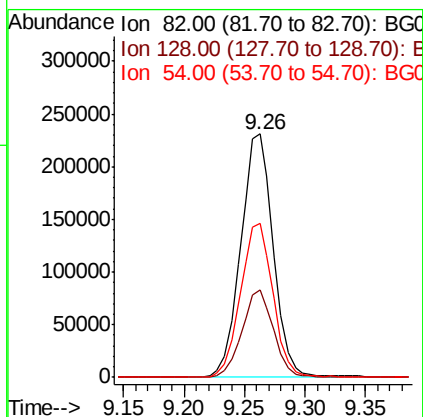
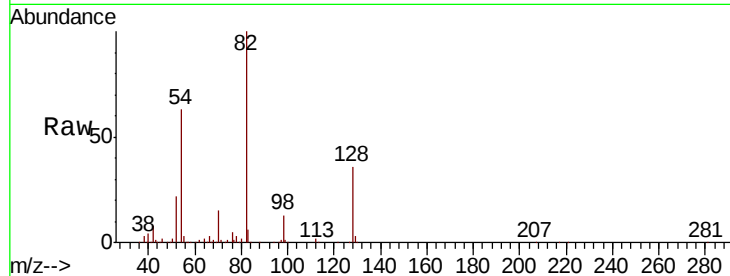




#23
Nitrobenzene-d5
Concen: 107.013 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG042898.D
Acq: 18 Sep 2019 17:33

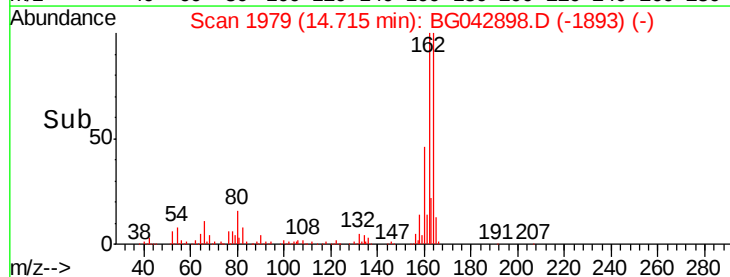
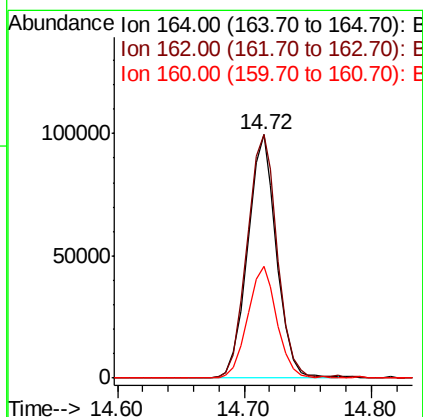
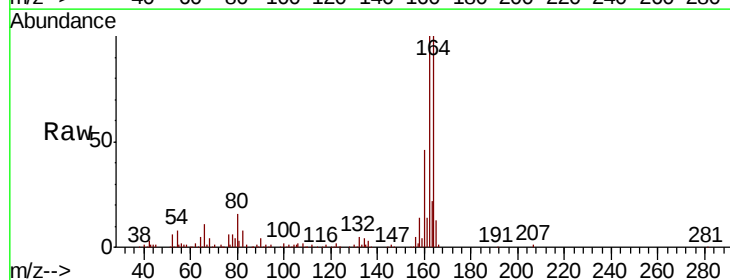
Instrument :
BNA_G
ClientSampleId :
CSA-4-6

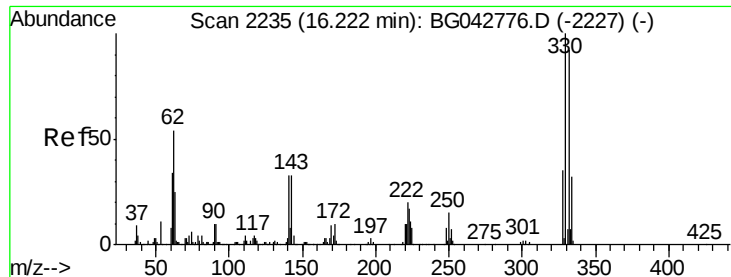
Tot Ion	82.00	Resp	431500
Ion Ratio	100	Lower	Upper
128	35.8	29.8	44.8
54	63.4	46.1	69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.03 min
Lab File: BG042898.D
Acq: 18 Sep 2019 17:33

Tgt Ion	164	Resp	157131
Ion Ratio	100	Lower	Upper
162	99.8	84.6	126.8
160	45.9	34.2	51.2

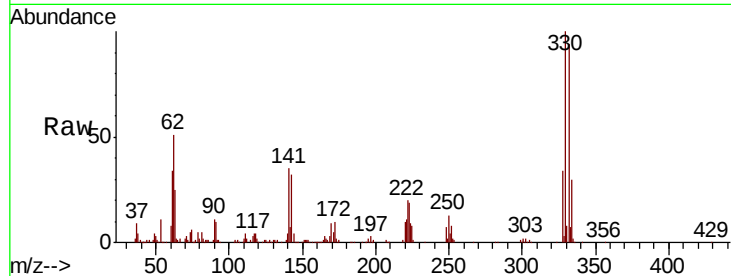




#42
 2,4,6-Tribromophenol
 Concen: 128.178 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG042898.D
 Acq: 18 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	34.8	27.0	40.6

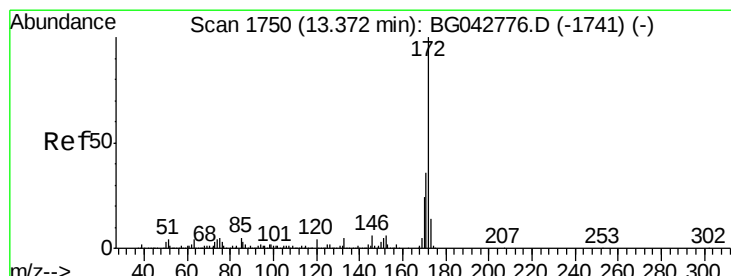
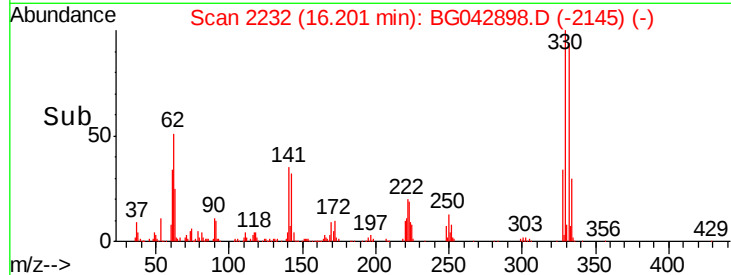
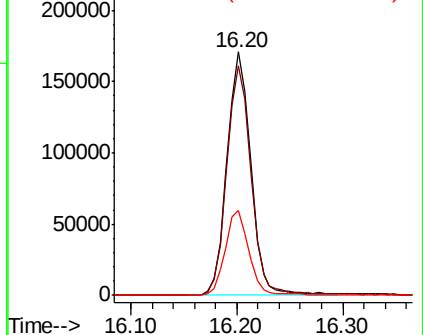


Abundance

Ion 329.80 (329.50 to 330.50): E

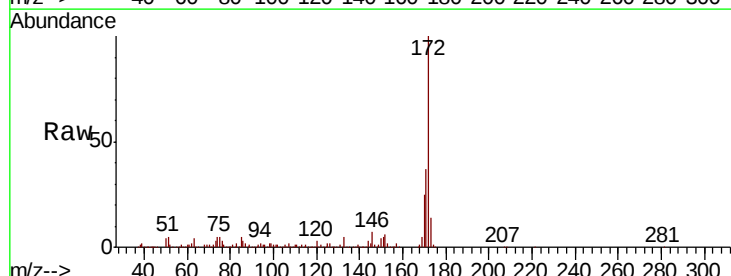
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.287 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BG042898.D
 Acq: 18 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.6	19.1	28.7

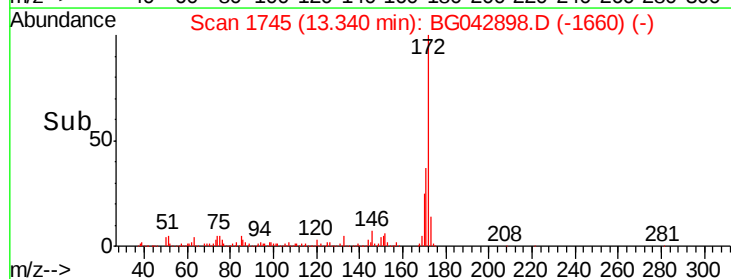
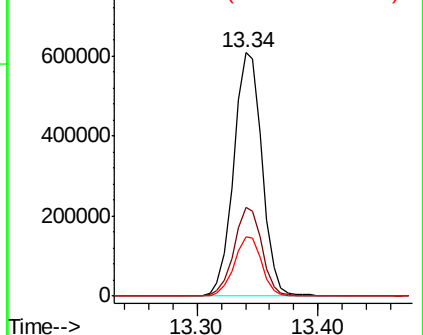


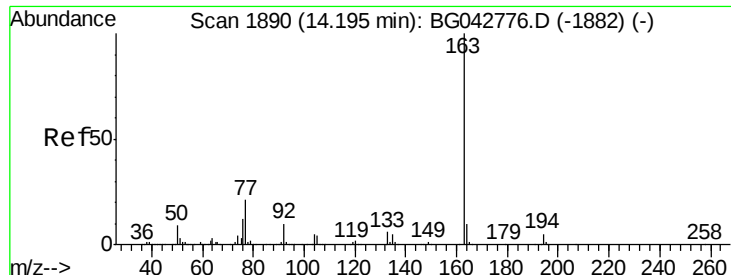
Abundance

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: 3.534 ng

RT: 14.17 min Scan# 1886

Delta R.T. -0.03 min

Lab File: BG042898.D

Acq: 18 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

CSA-4-6

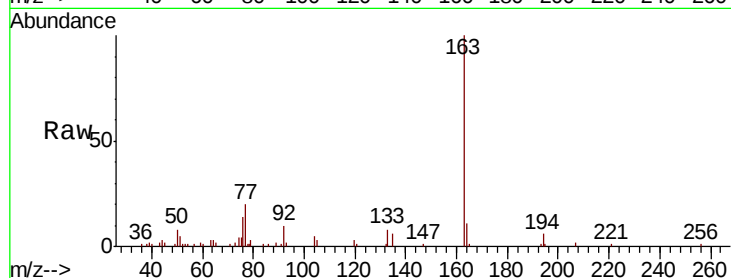
Tot Ion:163 Resp: 41598

Ion Ratio Lower Upper

163 100

194 5.7 4.2 6.4

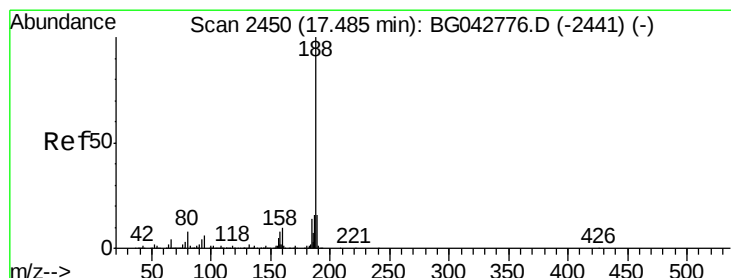
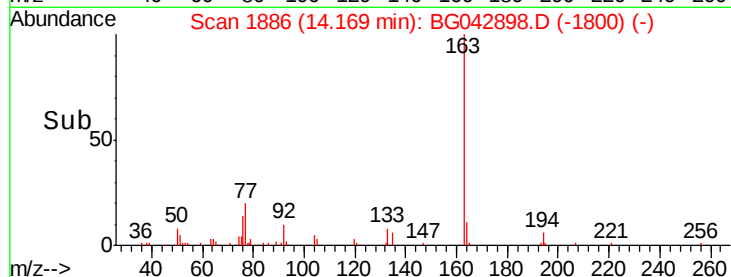
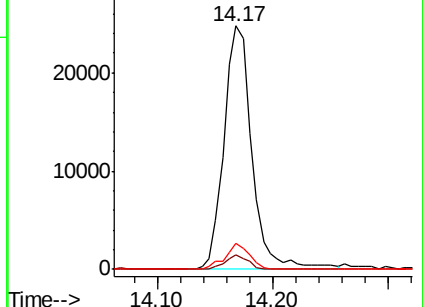
164 10.7 8.4 12.6



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: 17.45 min Scan# 2445

Delta R.T. -0.03 min

Lab File: BG042898.D

Acq: 18 Sep 2019 17:33

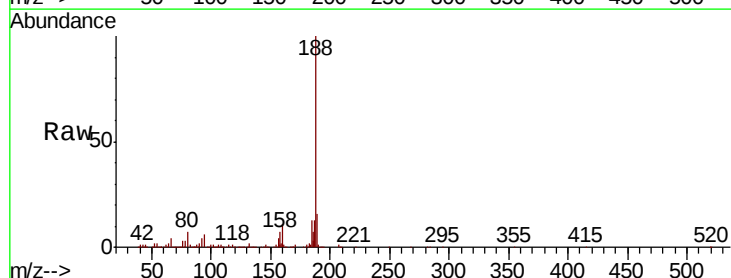
Tgt Ion:188 Resp: 369902

Ion Ratio Lower Upper

188 100

94 5.8 4.8 7.2

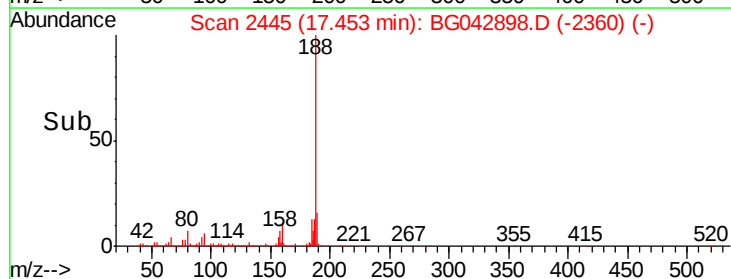
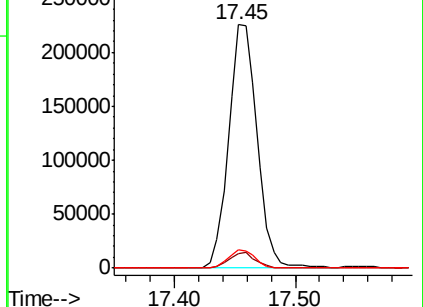
80 7.4 6.6 9.8

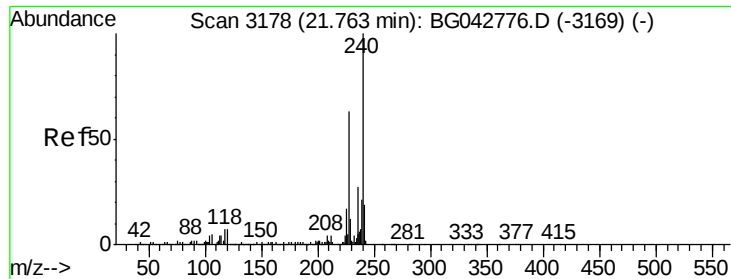


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

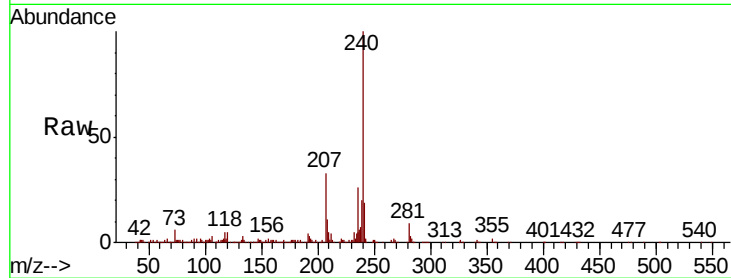




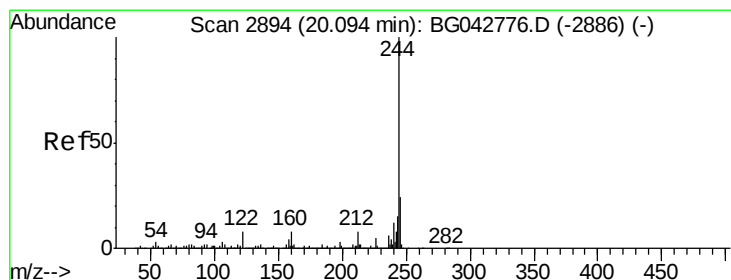
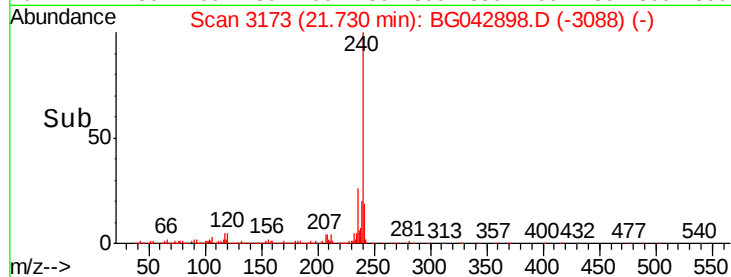
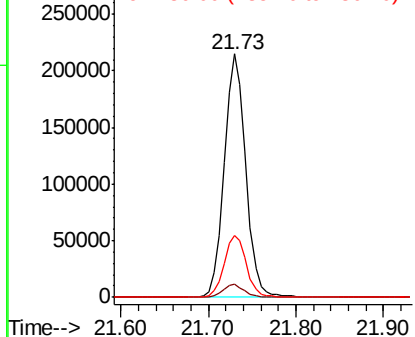
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG042898.D
 Acq: 18 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-6

Tot Ion:240 Resp: 362804
 Ion Ratio Lower Upper
 240 100
 120 5.4 5.4 8.2#
 236 25.7 21.7 32.5

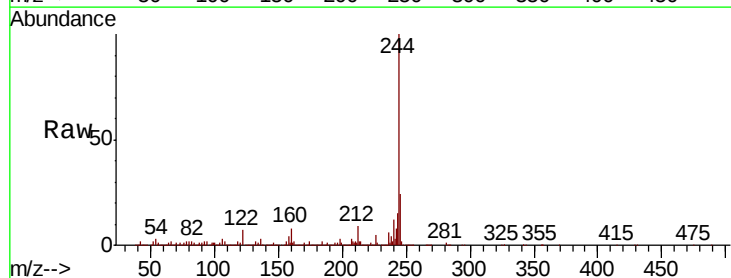


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

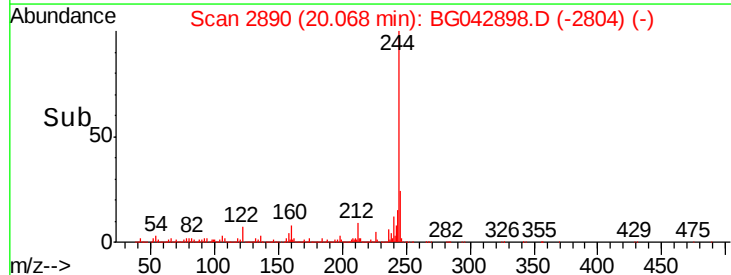
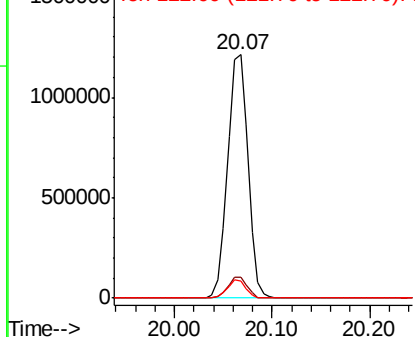


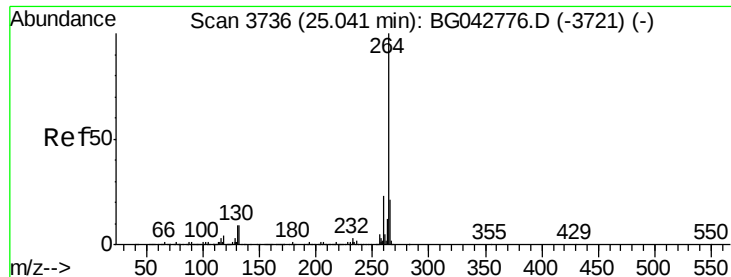
#79
 Terphenyl-d14
 Concen: 107.192 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. -0.03 min
 Lab File: BG042898.D
 Acq: 18 Sep 2019 17:33

Tgt Ion:244 Resp: 1754733
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 10.0
 122 7.2 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
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG042898.D
Acq: 18 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :
CSA-4-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	24.6	16.9	25.3

