

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042896.D
 Acq On : 18 Sep 2019 16:17
 Operator : HP/JU
 Sample : K4878-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-6

Quant Time: Sep 19 02:38:25 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

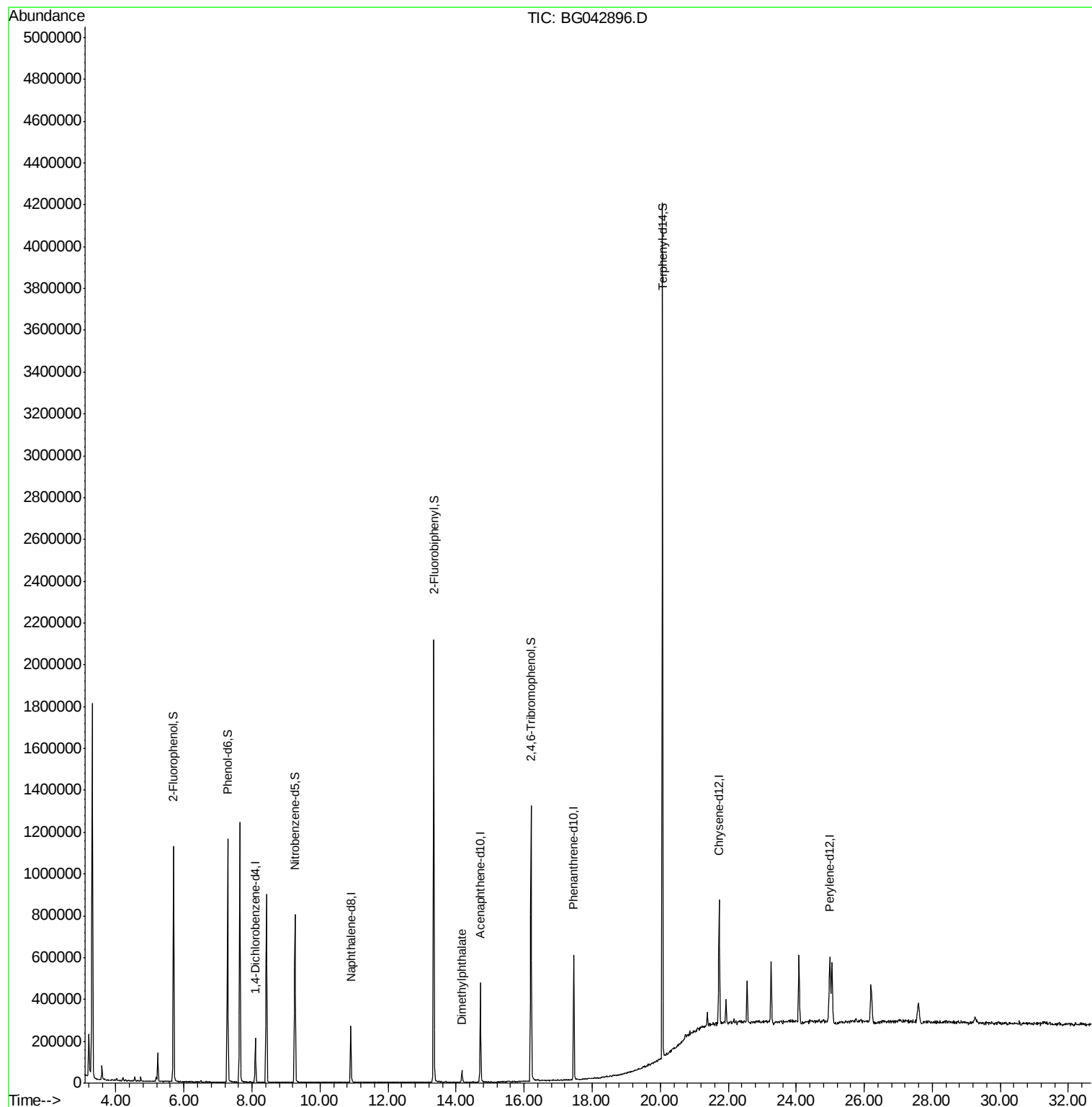
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56090	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	225235	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	163304	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	384995	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	371947	20.00	ng	-0.03
87) Perylene-d12	24.99	264	388398	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	412848	127.97	ng	0.00
7) Phenol-d6	7.28	99	590064	127.42	ng	0.01
23) Nitrobenzene-d5	9.26	82	475169	109.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	260937	120.10	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1124607	109.01	ng	-0.03
79) Terphenyl-d14	20.07	244	1899122	113.16	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.17	163	39102	3.196	ng	Qvalue # 96

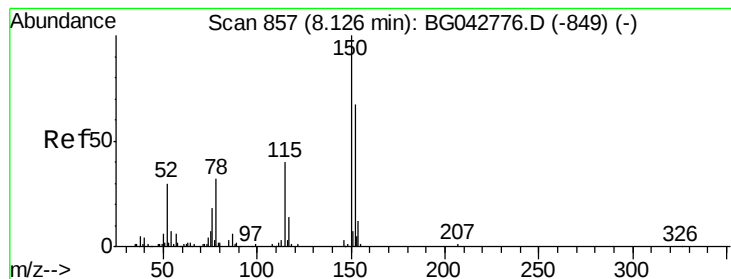
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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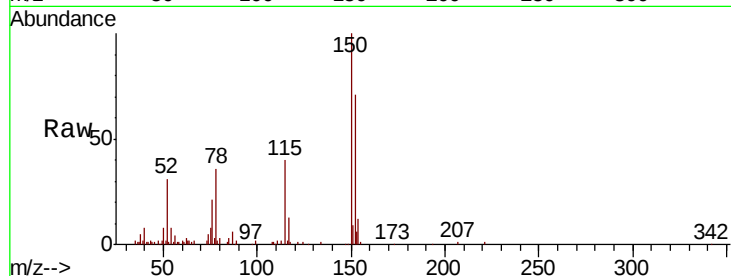


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042896.D
Acq: 18 Sep 2019 16:17

Instrument :
BNA_G
ClientSampleId :
CSA-2-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.8	118.9	178.3
115	56.3	47.4	71.2

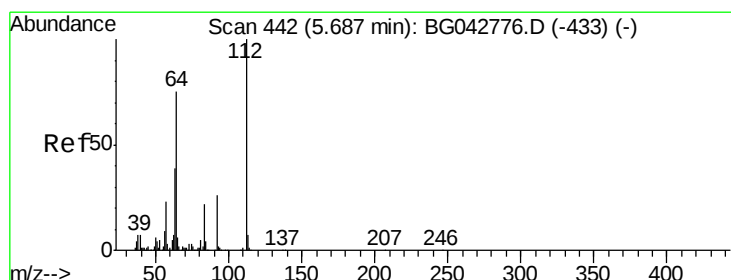
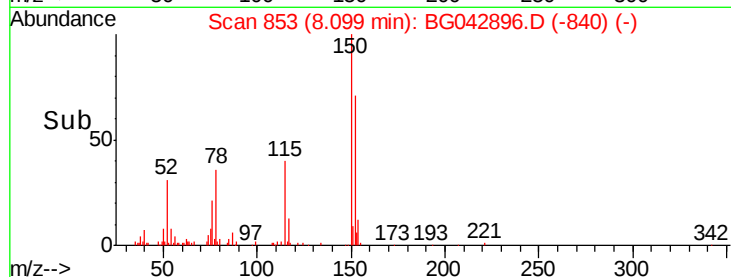
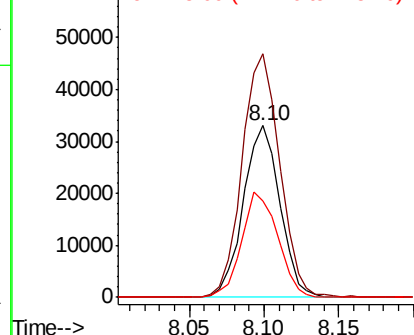


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

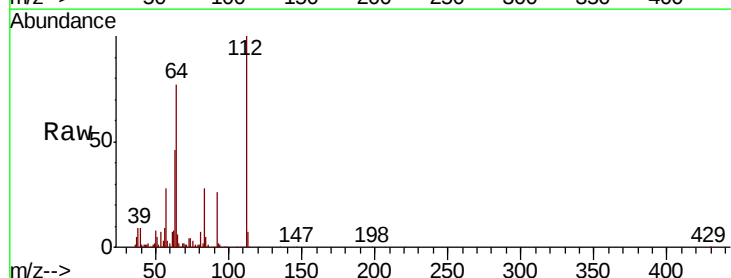
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.965 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.00 min
Lab File: BG042896.D
Acq: 18 Sep 2019 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	60.2	90.2
63	46.4	31.2	46.8

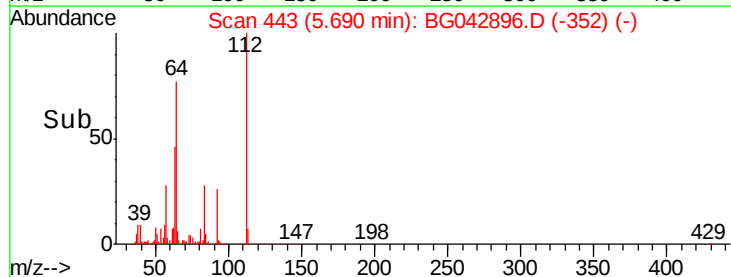
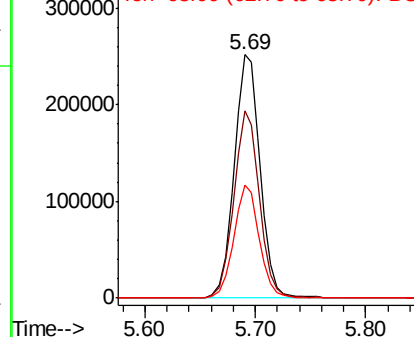


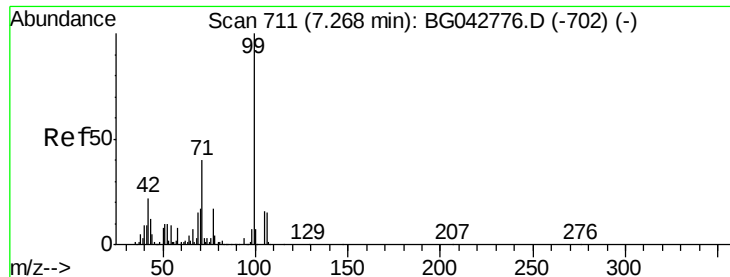
Abundance

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: 127.423 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG042896.D

Acq: 18 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

CSA-2-6

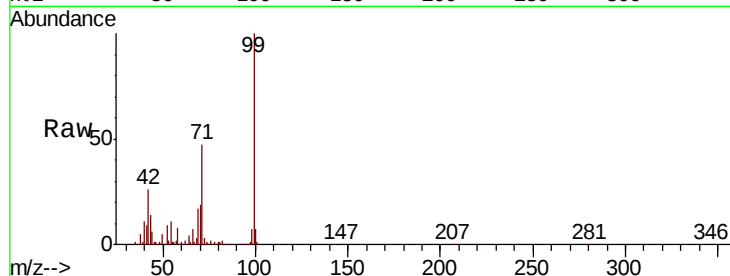
Tot Ion: 99 Resp: 590064

Ion Ratio Lower Upper

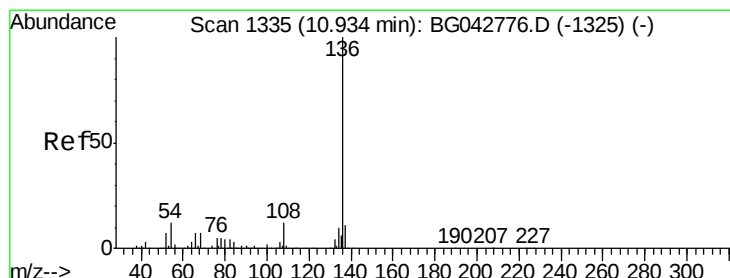
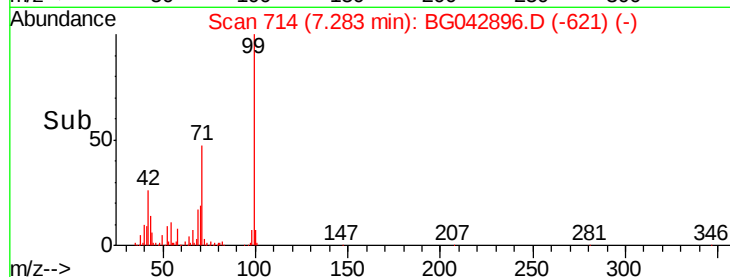
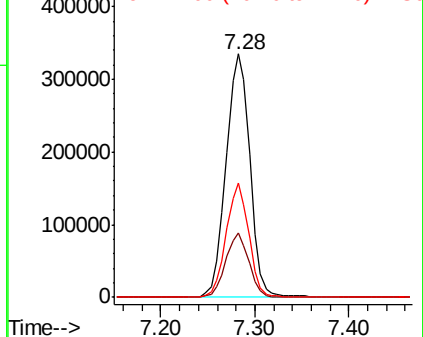
99 100

42 26.3 17.5 26.3#

71 46.8 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: BG042896.D

Acq: 18 Sep 2019 16:17

Tgt Ion: 136 Resp: 225235

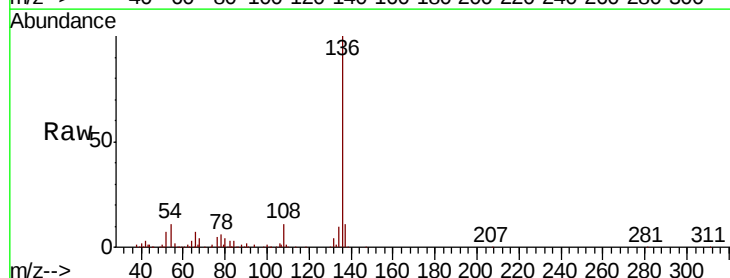
Ion Ratio Lower Upper

136 100

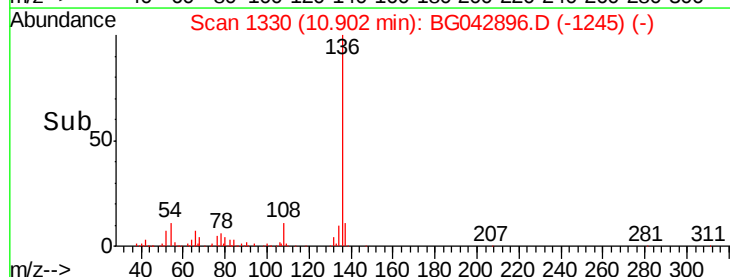
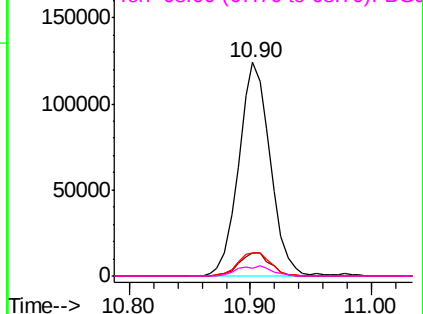
137 10.7 9.0 13.6

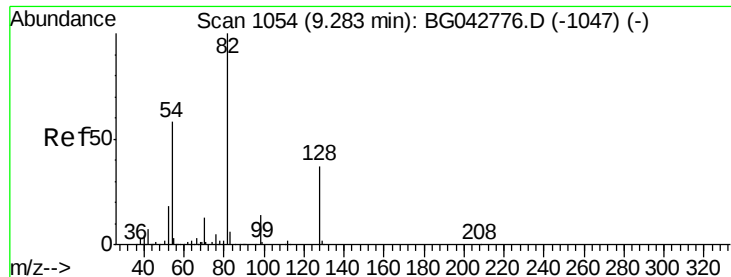
54 11.0 9.4 14.0

68 3.9 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

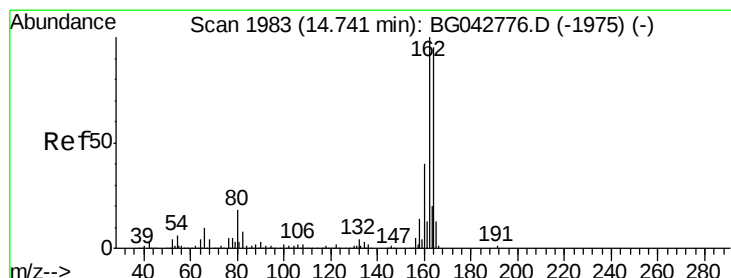
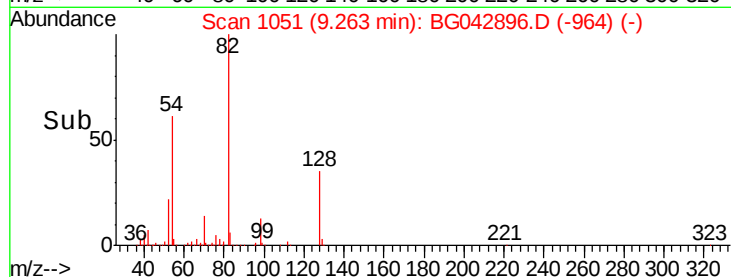
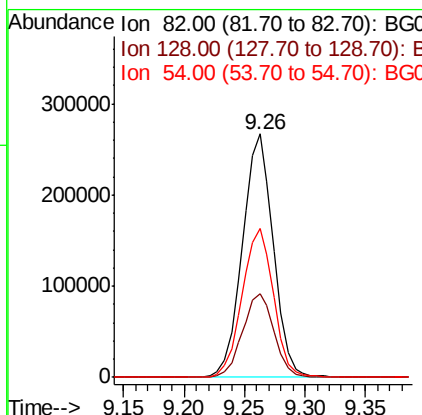
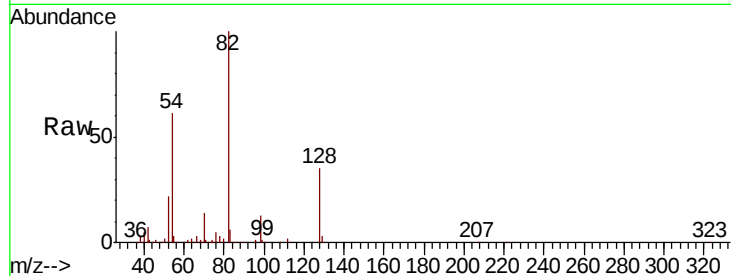




#23
 Nitrobenzene-d5
 Concen: 109.834 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG042896.D
 Acq: 18 Sep 2019 16:17

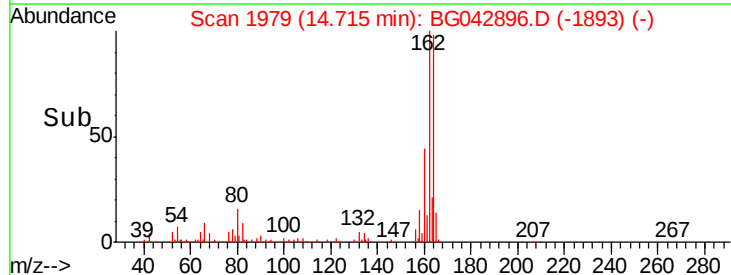
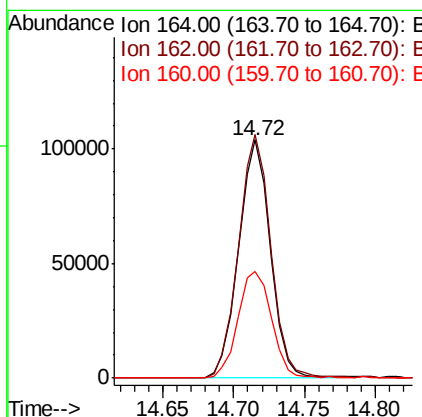
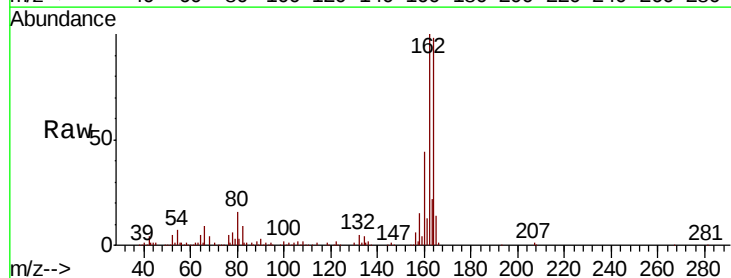
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-6

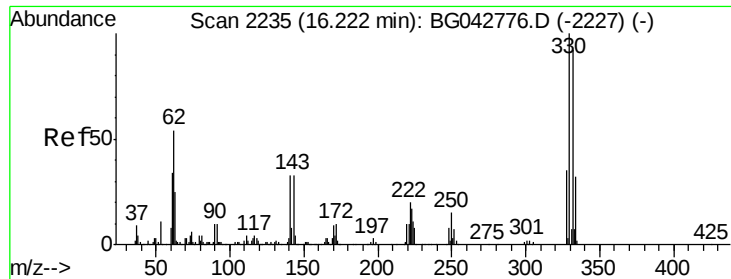
Tot Ion	82	Resp	475169
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.8	44.8
54	61.4	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.03 min
 Lab File: BG042896.D
 Acq: 18 Sep 2019 16:17

Tgt Ion	164	Resp	163304
Ion Ratio	Lower	Upper	
164	100		
162	102.3	84.6	126.8
160	44.6	34.2	51.2

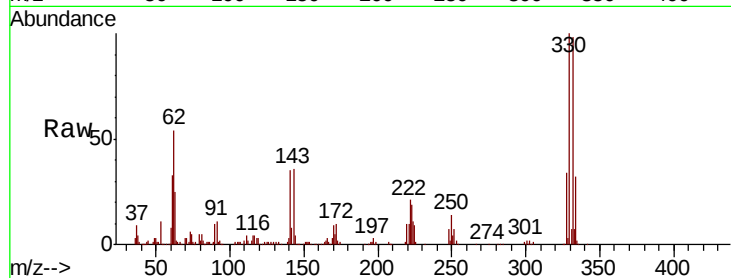




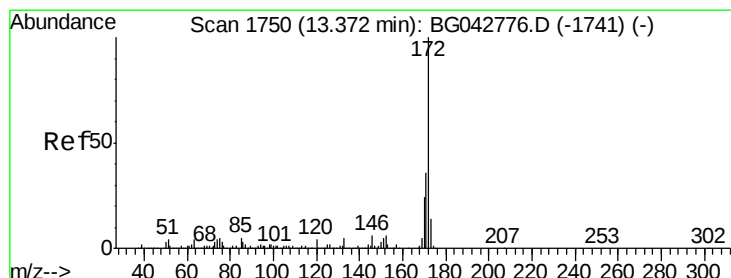
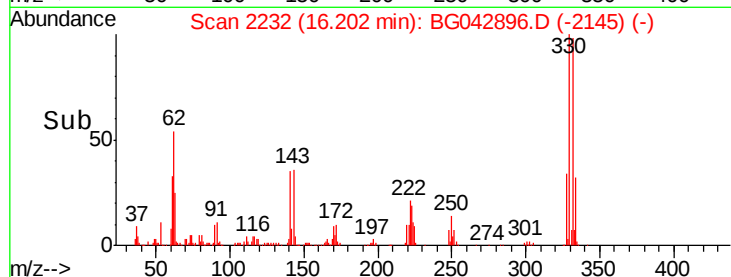
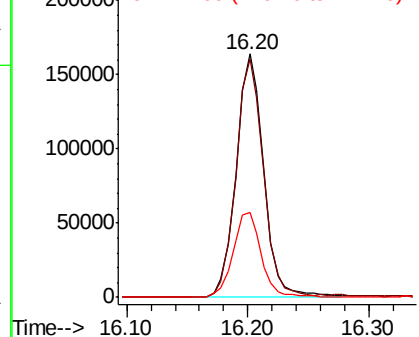
#42
 2,4,6-Tribromophenol
 Concen: 120.102 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG042896.D
 Acq: 18 Sep 2019 16:17

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-6

Tot Ion:330 Resp: 260937
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.7 115.1
 141 35.5 27.0 40.6

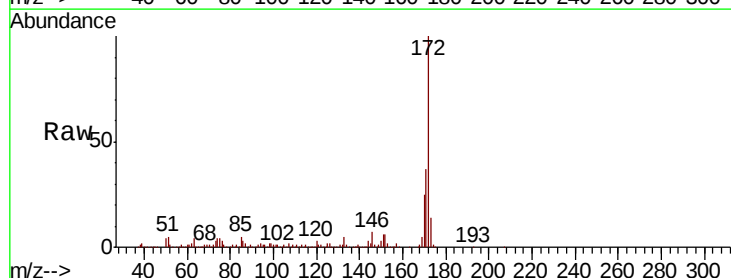


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

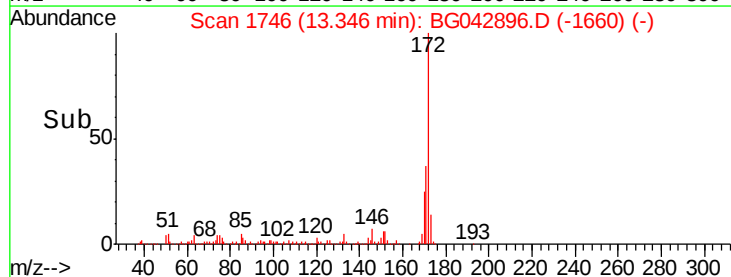
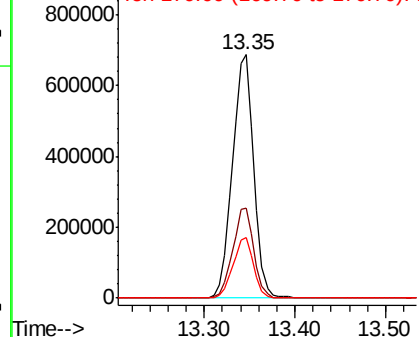


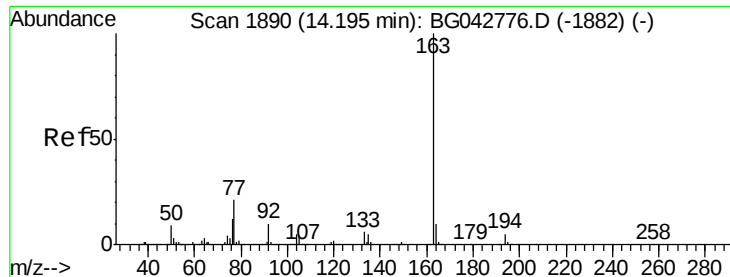
#45
 2-Fluorobiphenyl
 Concen: 109.010 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.03 min
 Lab File: BG042896.D
 Acq: 18 Sep 2019 16:17

Tgt Ion:172 Resp: 1124607
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 24.9 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: 3.196 ng

RT: 14.17 min Scan# 1886

Delta R.T. -0.03 min

Lab File: BG042896.D

Acq: 18 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

CSA-2-6

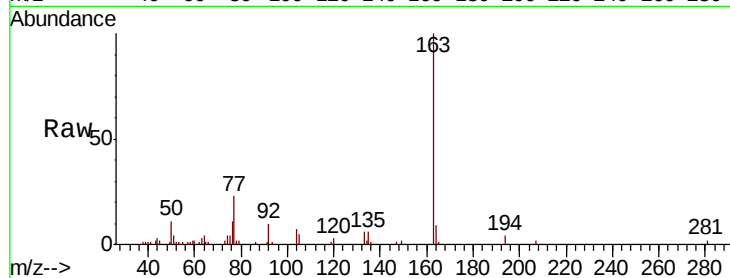
Tot Ion:163 Resp: 39102

Ion Ratio Lower Upper

163 100

194 4.2 4.2 6.4#

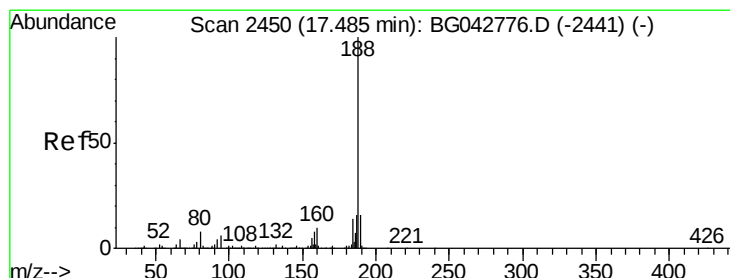
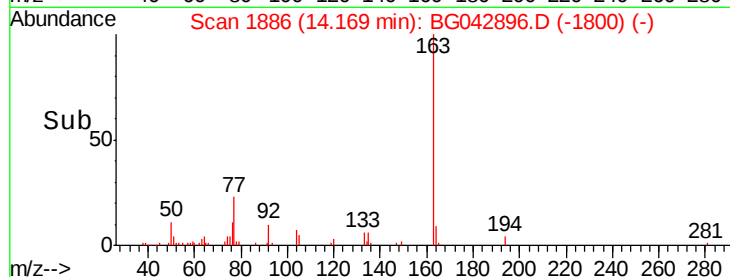
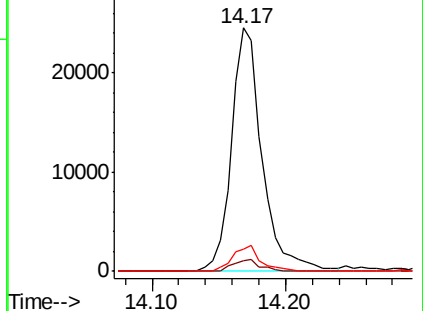
164 9.1 8.4 12.6



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: 17.46 min Scan# 2446

Delta R.T. -0.03 min

Lab File: BG042896.D

Acq: 18 Sep 2019 16:17

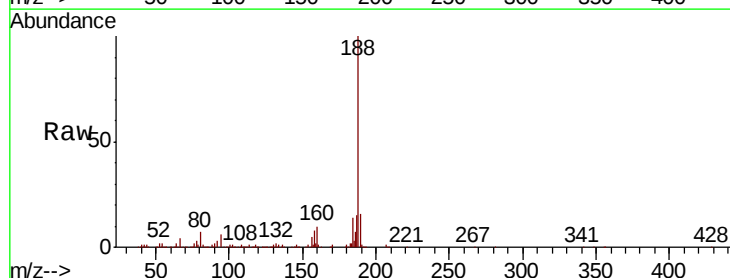
Tgt Ion:188 Resp: 384995

Ion Ratio Lower Upper

188 100

94 5.7 4.8 7.2

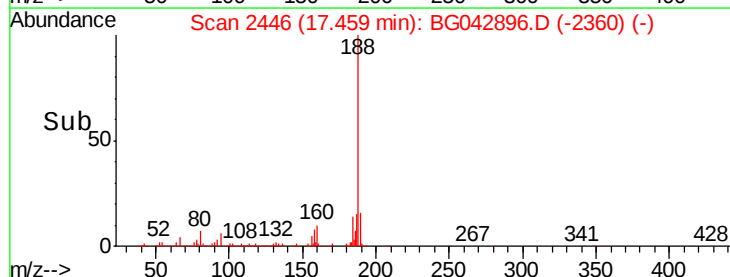
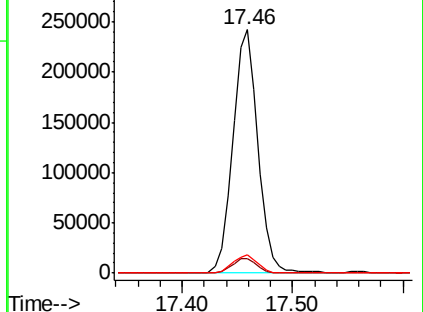
80 7.5 6.6 9.8

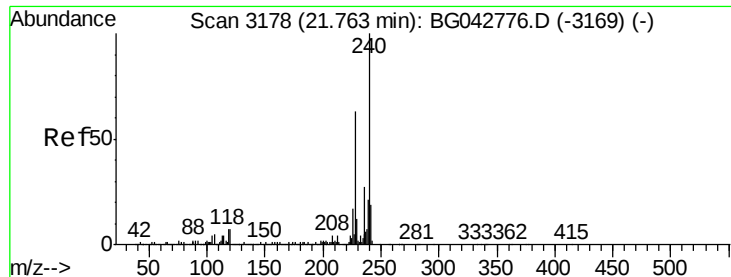


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.03 min

Lab File: BG042896.D

Acq: 18 Sep 2019 16:17

Instrument :

BNA_G

ClientSampleId :

CSA-2-6

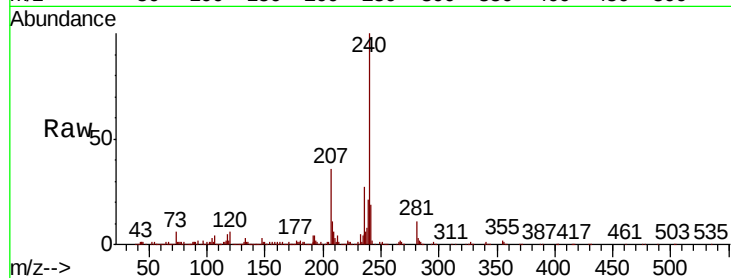
Tot Ion:240 Resp: 371947

Ion Ratio Lower Upper

240 100

120 5.6 5.4 8.2

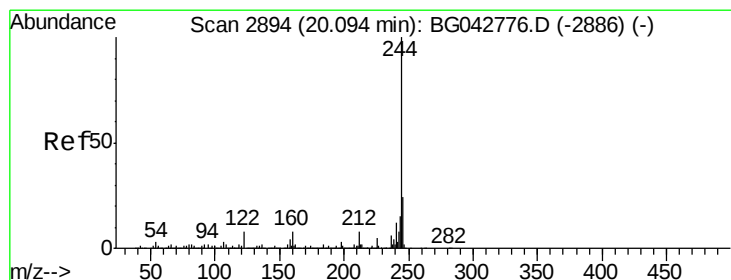
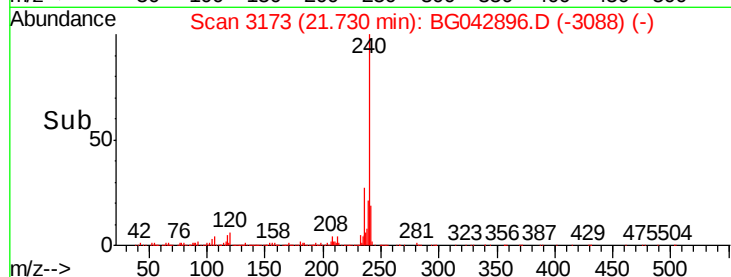
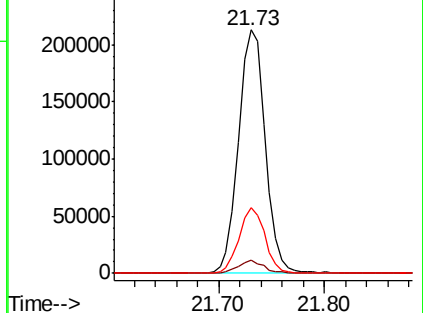
236 27.0 21.7 32.5



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: 113.161 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.03 min

Lab File: BG042896.D

Acq: 18 Sep 2019 16:17

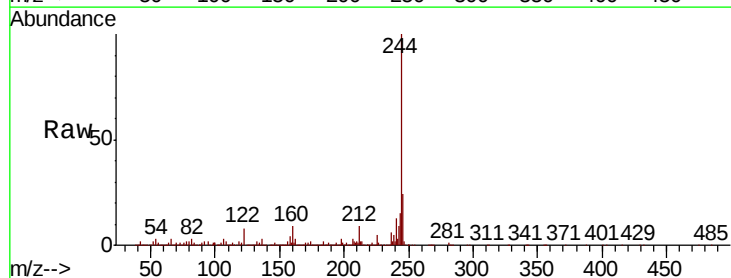
Tgt Ion:244 Resp: 1899122

Ion Ratio Lower Upper

244 100

212 9.2 6.6 10.0

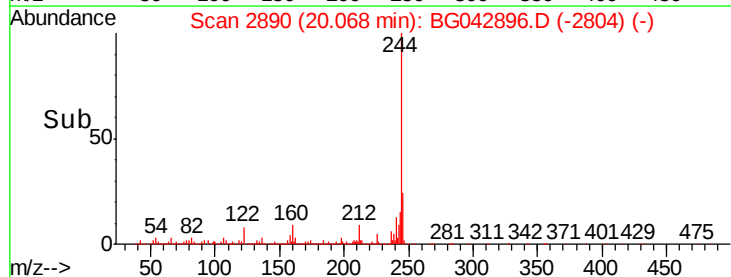
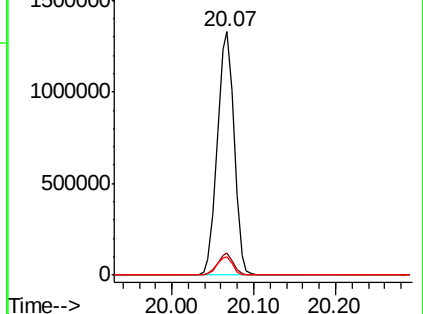
122 7.6 6.2 9.4

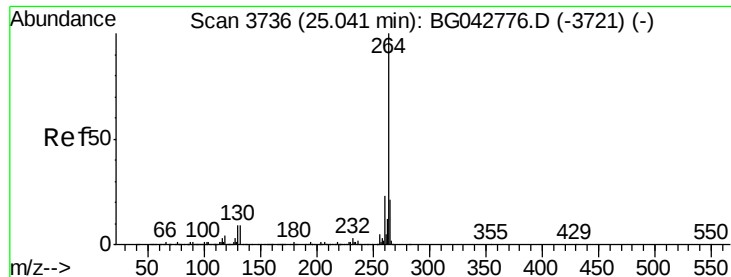


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG042896.D
 Acq: 18 Sep 2019 16:17

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.0	16.9	25.3

