

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042895.D
 Acq On : 18 Sep 2019 15:39
 Operator : HP/JU
 Sample : K4877-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-4

Quant Time: Sep 19 02:37:12 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

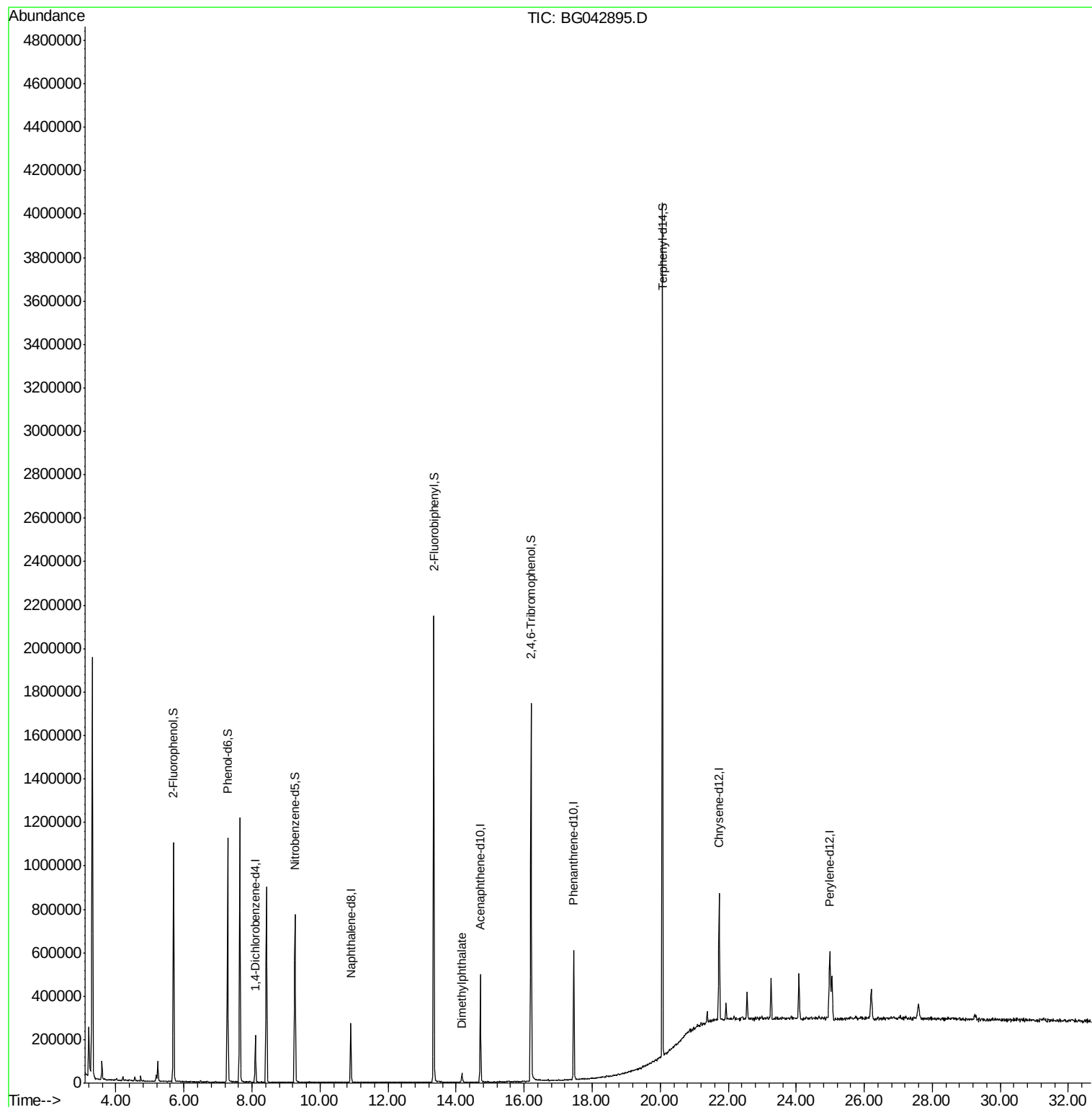
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	57296	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	224431	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	167447	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	381216	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	362895	20.00	ng	-0.03
87) Perylene-d12	24.98	264	386792	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	412587	125.19	ng	0.00
7) Phenol-d6	7.28	99	571279	120.77	ng	0.02
23) Nitrobenzene-d5	9.26	82	466047	108.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	338972	152.16	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	1121321	106.00	ng	-0.03
79) Terphenyl-d14	20.07	244	1841336	112.45	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.17	163	28400	2.264	ng	Qvalue 100

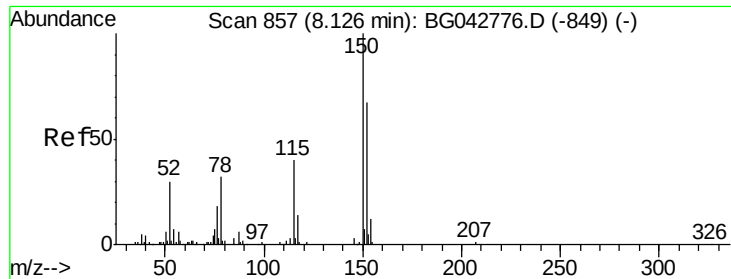
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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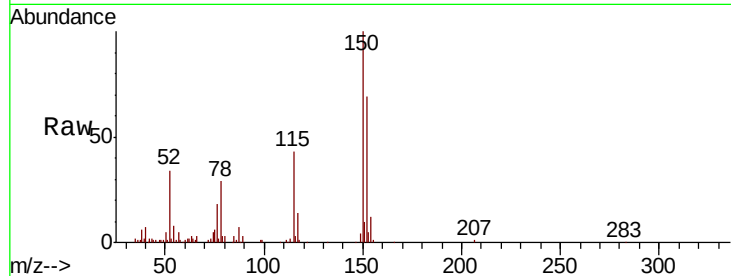


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042895.D
Acq: 18 Sep 2019 15:39

Instrument :
BNA_G
ClientSampleId :
CSA-2-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.5	118.9	178.3
115	62.0	47.4	71.2

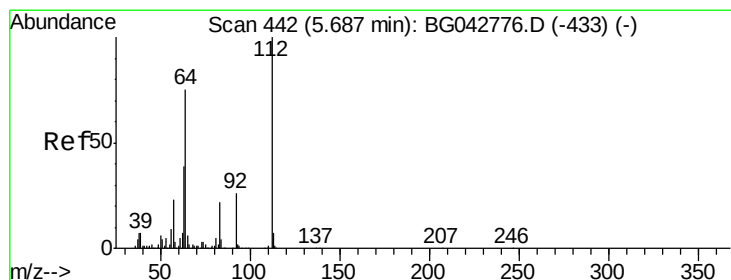
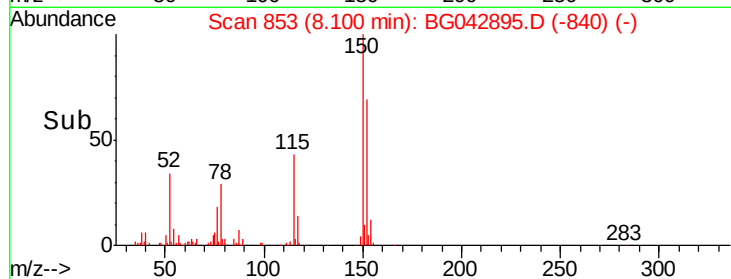
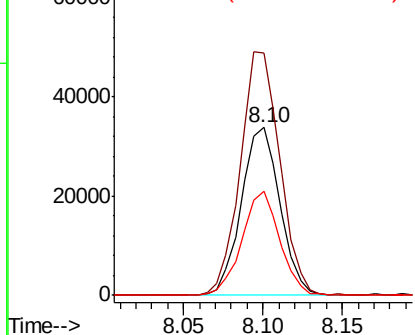


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

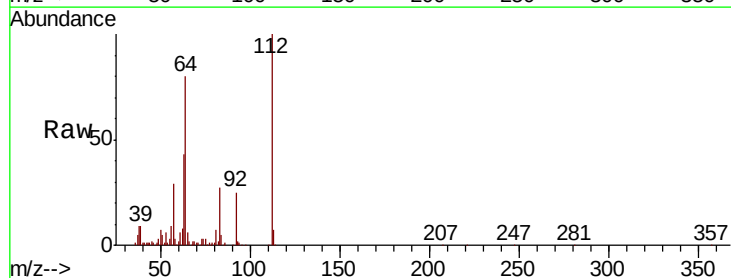
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.192 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.00 min
Lab File: BG042895.D
Acq: 18 Sep 2019 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.6	60.2	90.2
63	43.1	31.2	46.8

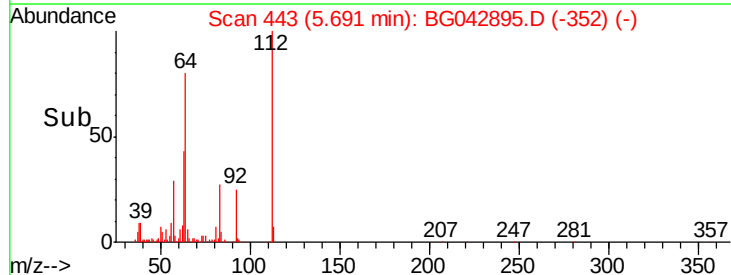
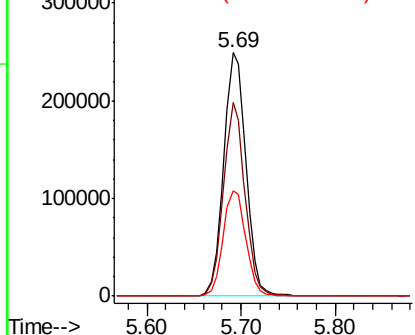


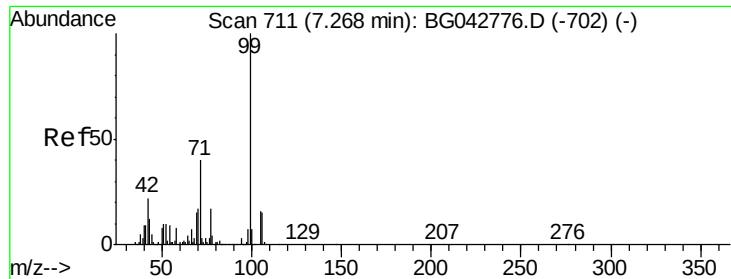
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 120.769 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.02 min

Lab File: BG042895.D

Acq: 18 Sep 2019 15:39

Instrument :

BNA_G

ClientSampleId :

CSA-2-4

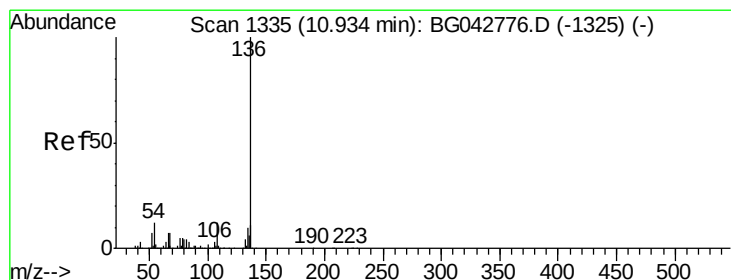
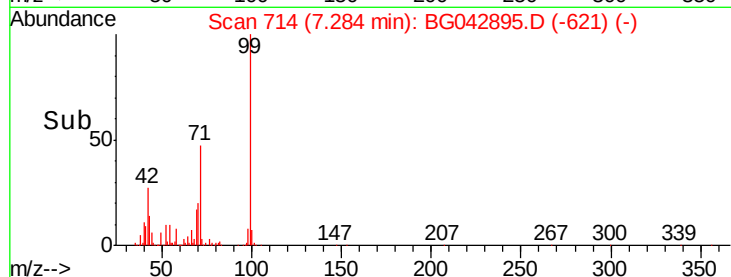
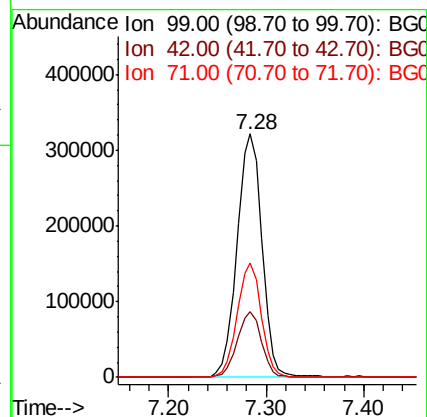
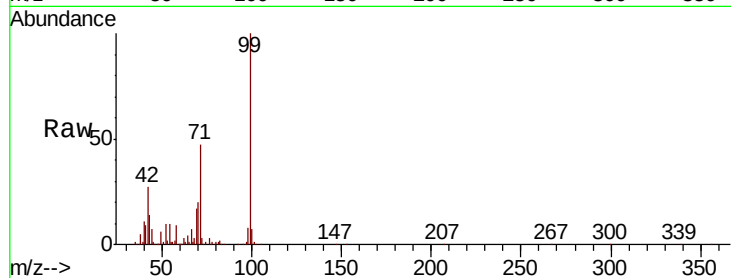
Tot Ion: 99 Resp: 571279

Ion Ratio Lower Upper

99 100

42 27.2 17.5 26.3#

71 46.9 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BG042895.D

Acq: 18 Sep 2019 15:39

Tgt Ion: 136 Resp: 224431

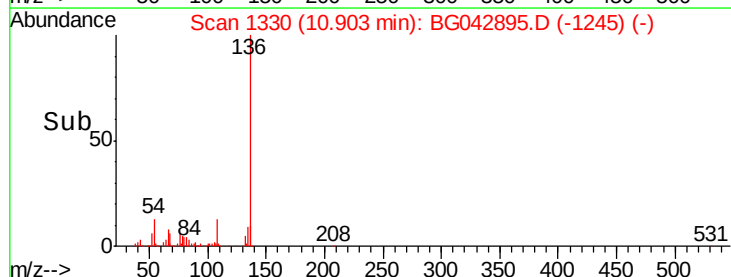
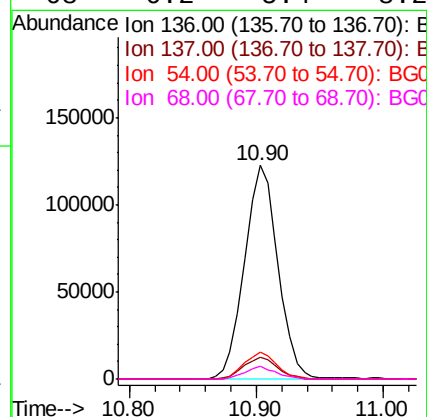
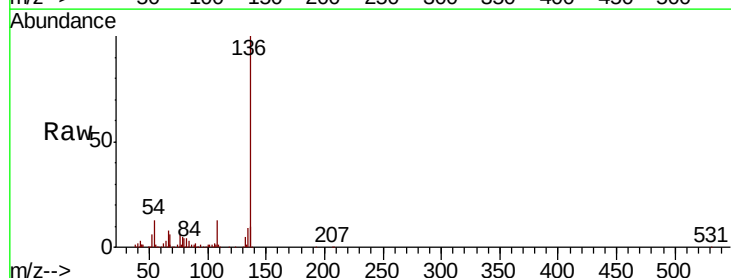
Ion Ratio Lower Upper

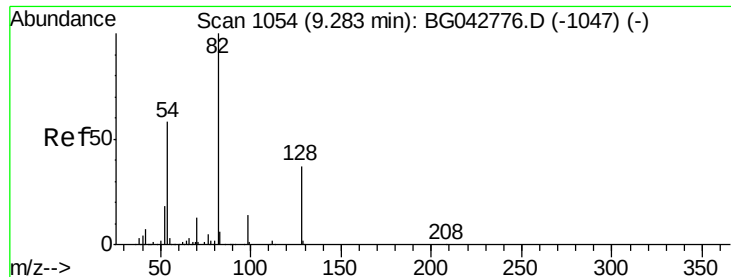
136 100

137 10.4 9.0 13.6

54 12.5 9.4 14.0

68 6.2 5.4 8.2

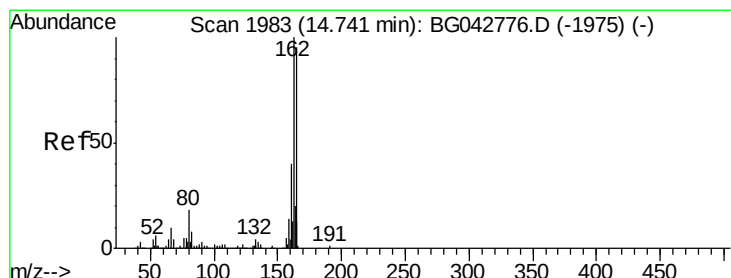
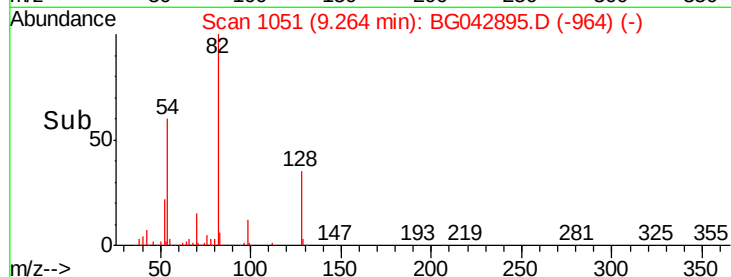
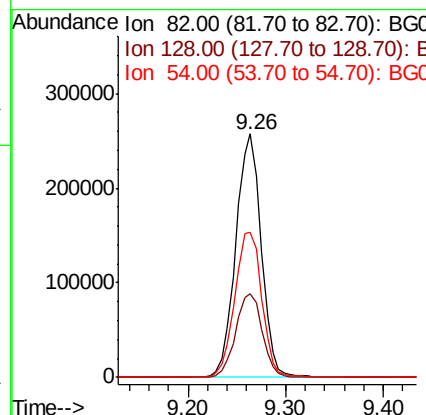
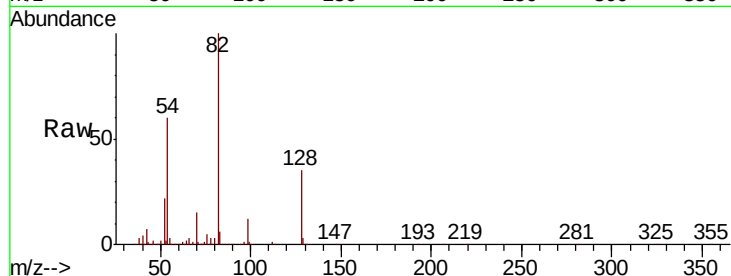




#23
 Nitrobenzene-d5
 Concen: 108.111 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG042895.D
 Acq: 18 Sep 2019 15:39

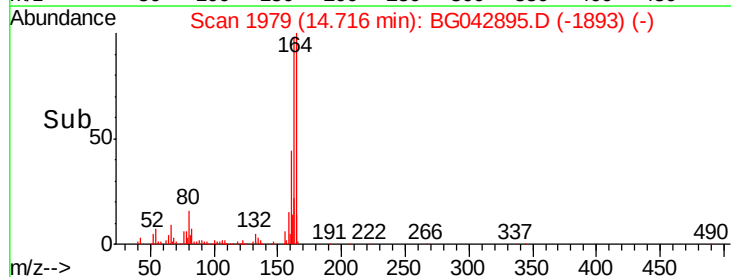
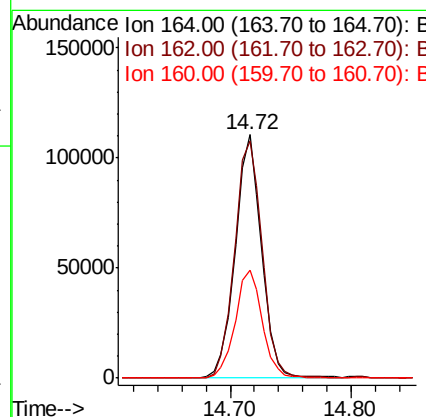
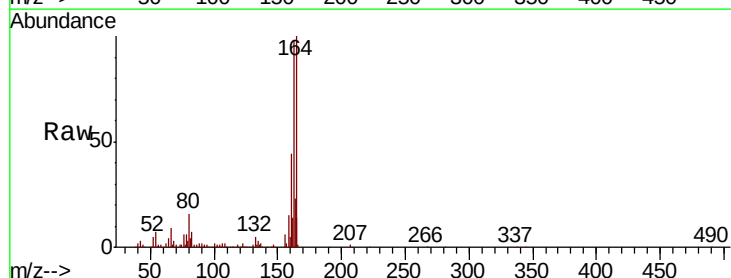
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-4

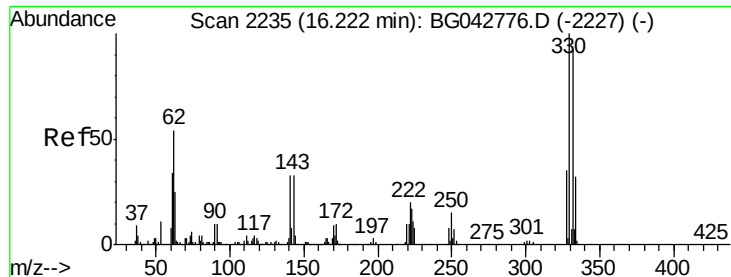
Tot Ion	82	Resp	466047
Ion Ratio	Lower	Upper	
82	100		
128	34.6	29.8	44.8
54	59.6	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.03 min
 Lab File: BG042895.D
 Acq: 18 Sep 2019 15:39

Tgt Ion	164	Resp	167447
Ion Ratio	Lower	Upper	
164	100		
162	97.6	84.6	126.8
160	44.4	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 152.159 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BG042895.D

Acq: 18 Sep 2019 15:39

Instrument :

BNA_G

ClientSampleId :

CSA-2-4

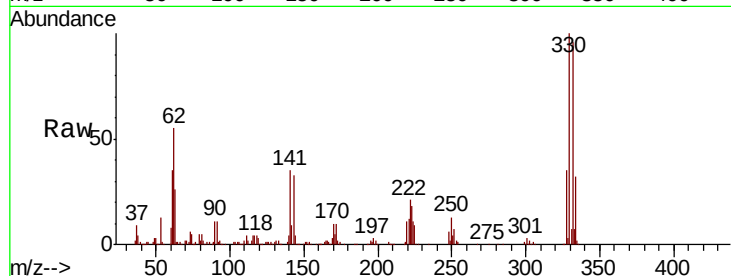
Tot Ion:330 Resp: 338972

Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

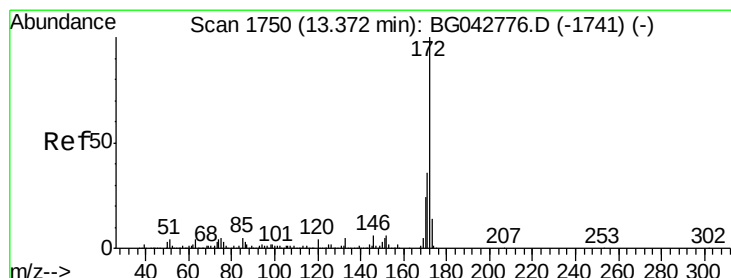
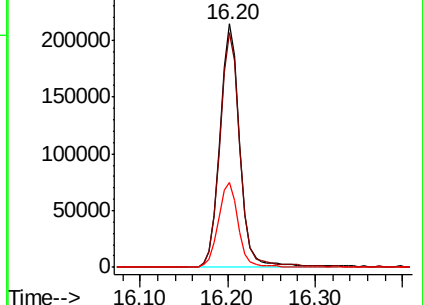
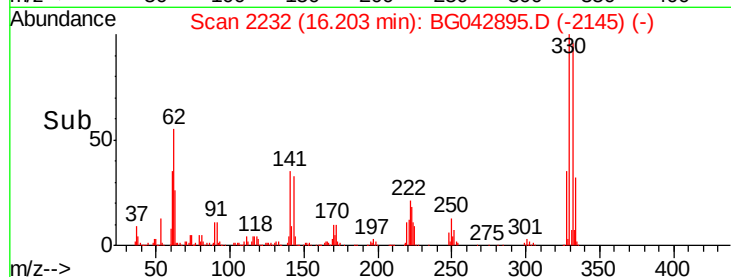
141 35.0 27.0 40.6



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: 106.002 ng

RT: 13.34 min Scan# 1745

Delta R.T. -0.03 min

Lab File: BG042895.D

Acq: 18 Sep 2019 15:39

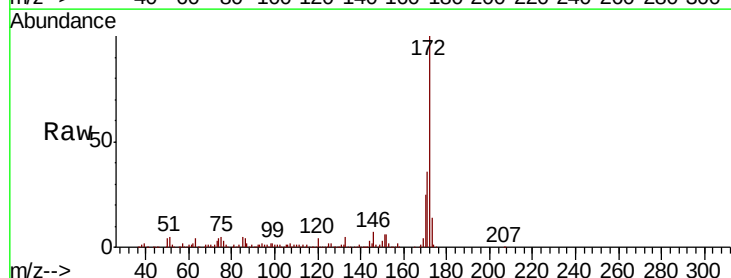
Tgt Ion:172 Resp: 1121321

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

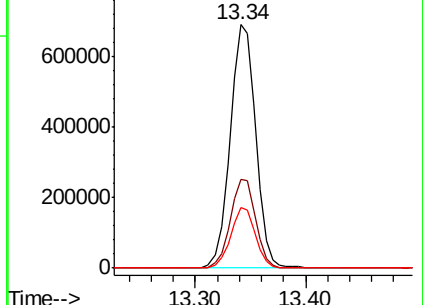
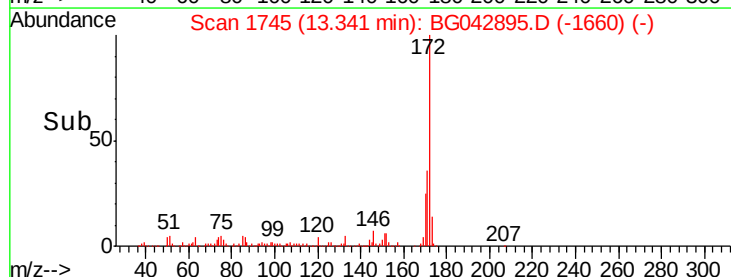
170 24.8 19.1 28.7

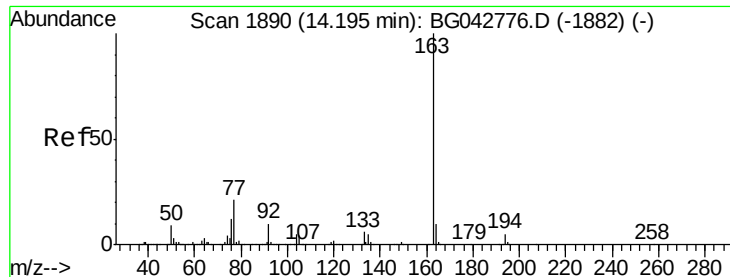


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.264 ng

RT: 14.17 min Scan# 1886

Delta R.T. -0.03 min

Lab File: BG042895.D

Acq: 18 Sep 2019 15:39

Instrument :

BNA_G

ClientSampleId :

CSA-2-4

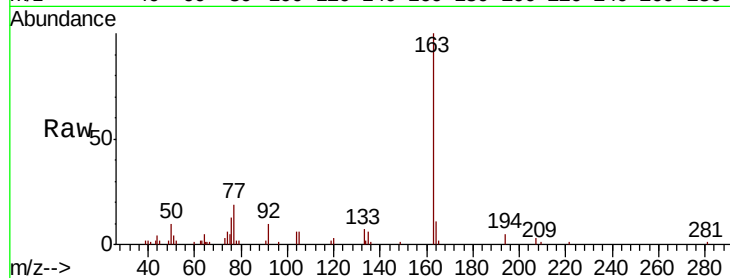
Tot Ion:163 Resp: 28400

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.4

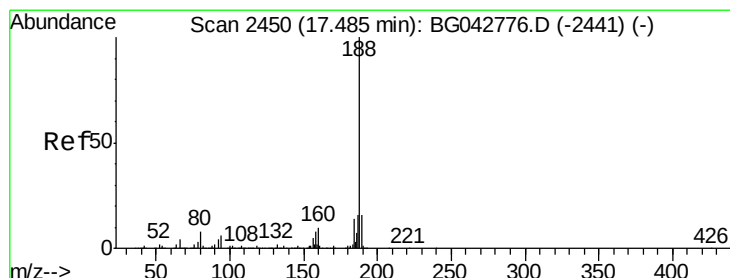
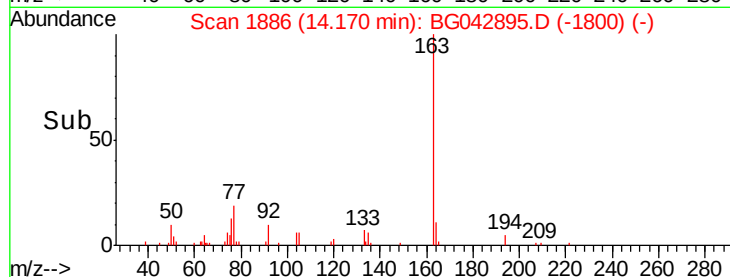
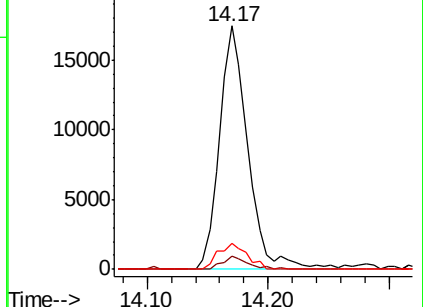
164 10.5 8.4 12.6



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: BG042895.D

Acq: 18 Sep 2019 15:39

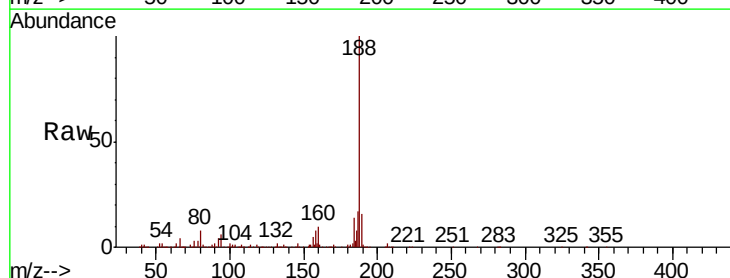
Tgt Ion:188 Resp: 381216

Ion Ratio Lower Upper

188 100

94 6.2 4.8 7.2

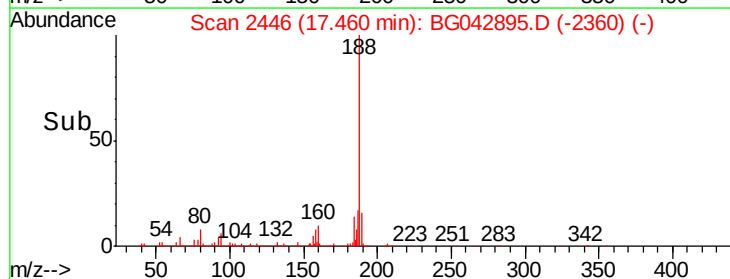
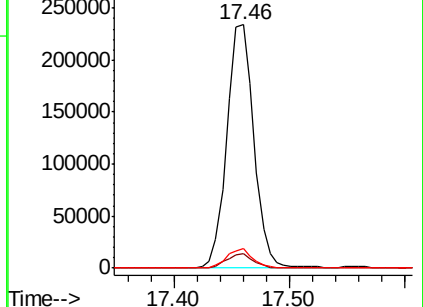
80 7.9 6.6 9.8

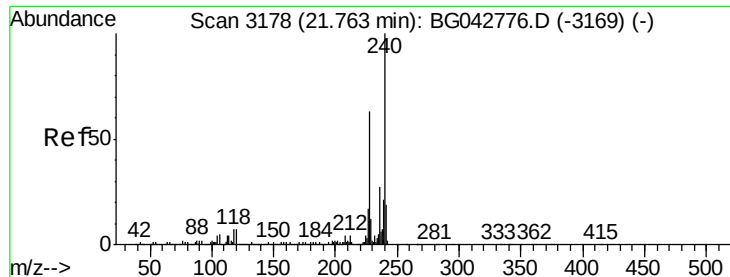


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

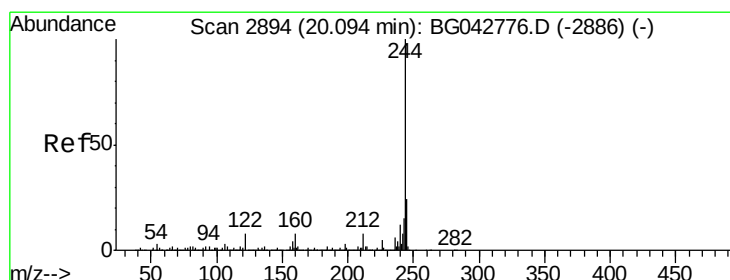
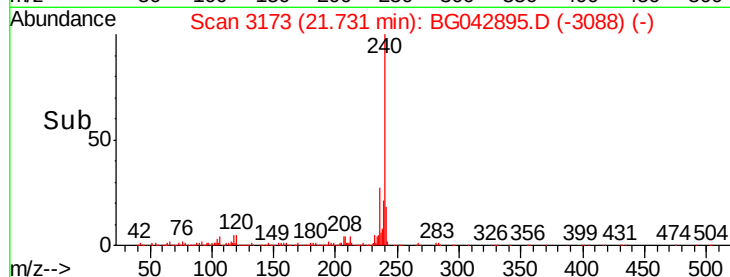
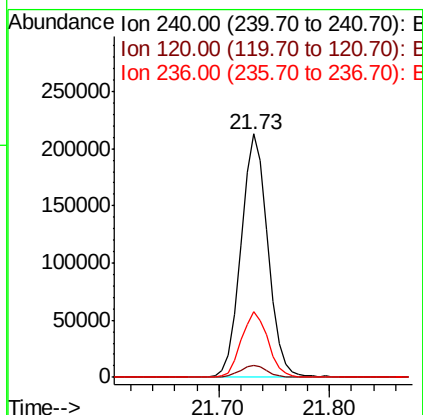
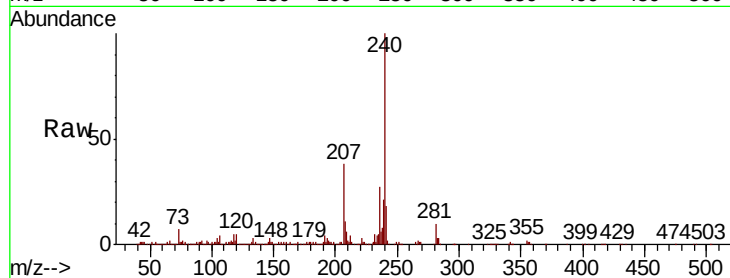




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.03 min
 Lab File: BG042895.D
 Acq: 18 Sep 2019 15:39

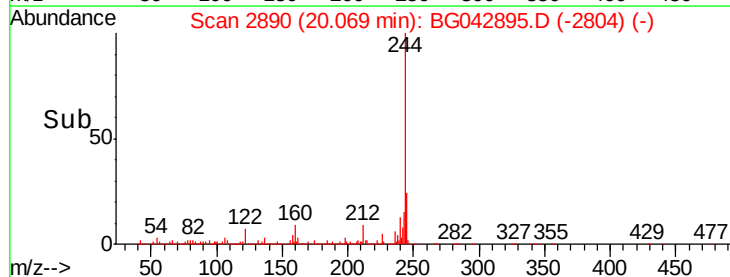
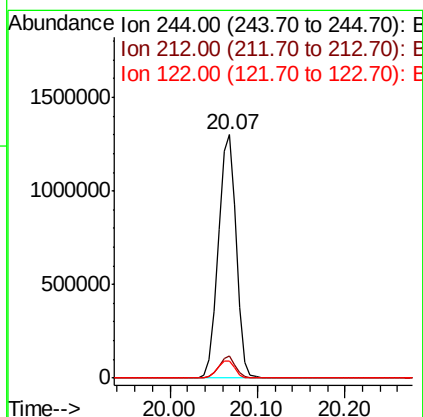
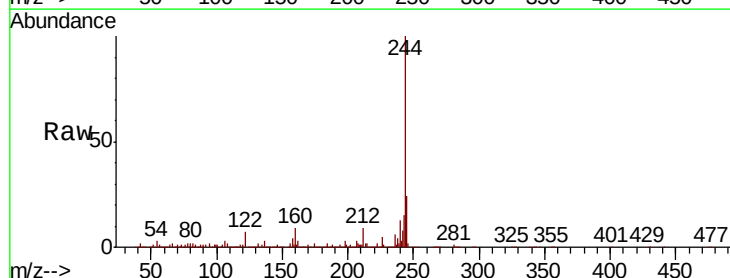
Instrument :
 BNA_G
 ClientSampled :
 CSA-2-4

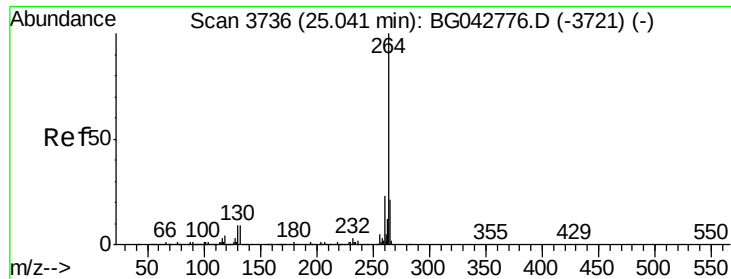
Tot Ion:240 Resp: 362895
 Ion Ratio Lower Upper
 240 100
 120 5.2 5.4 8.2#
 236 26.8 21.7 32.5



#79
 Terphenyl-d14
 Concen: 112.454 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. -0.03 min
 Lab File: BG042895.D
 Acq: 18 Sep 2019 15:39

Tgt Ion:244 Resp: 1841336
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.6 10.0
 122 7.1 6.2 9.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.06 min
Lab File: BG042895.D
Acq: 18 Sep 2019 15:39

Instrument :
BNA_G
ClientSampleId :
CSA-2-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	23.2	16.9	25.3

