

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042892.D
 Acq On : 18 Sep 2019 13:44
 Operator : HP/JU
 Sample : K4863-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-5

Quant Time: Sep 19 02:32:35 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

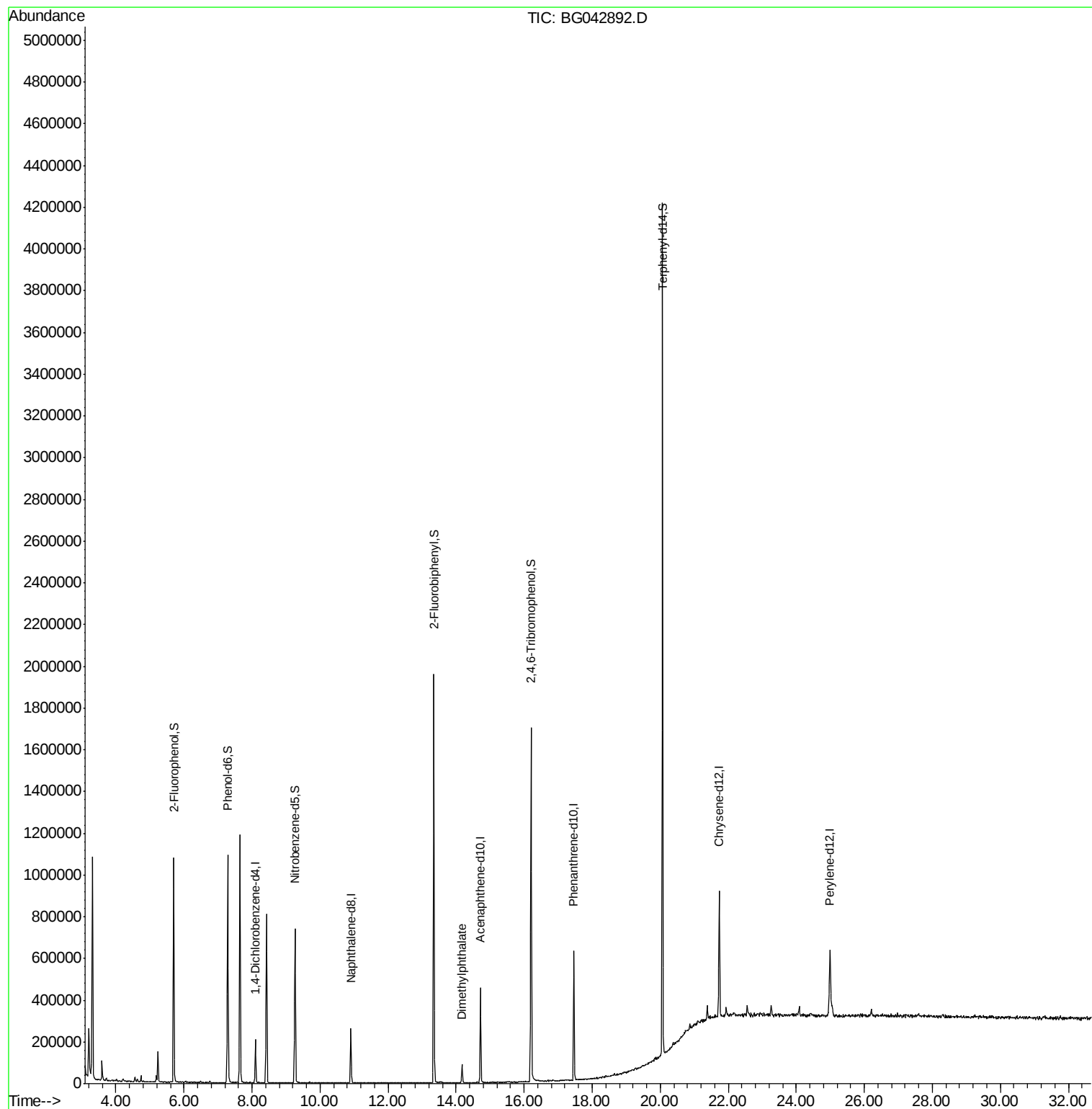
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55392	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	218809	20.00	ng	-0.03
39) Acenaphthene-d10	14.71	164	167169	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	390531	20.00	ng	-0.03
76) Chrysene-d12	21.74	240	374887	20.00	ng	-0.03
87) Perylene-d12	24.99	264	391444	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	398429	125.05	ng	0.00
7) Phenol-d6	7.29	99	558857	122.20	ng	0.02
23) Nitrobenzene-d5	9.26	82	441973	105.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	337481	151.74	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1022063	96.78	ng	-0.03
79) Terphenyl-d14	20.07	244	1804764	106.70	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.17	163	57115	4.561	ng	Qvalue # 97

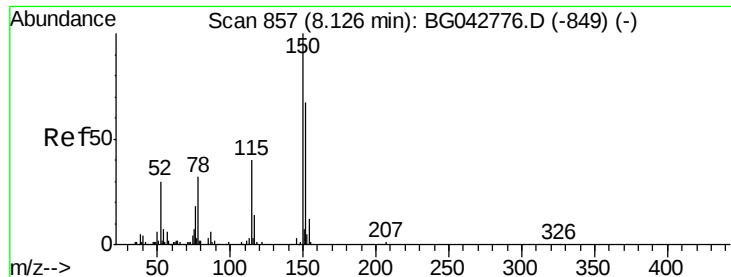
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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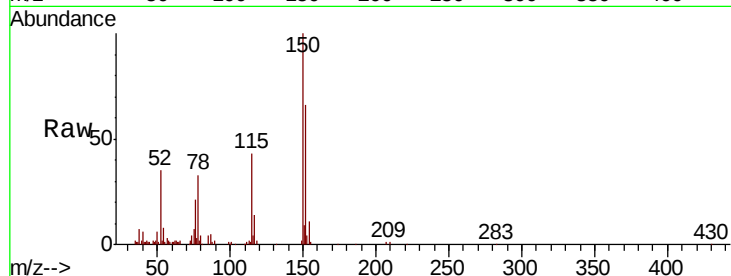


#1

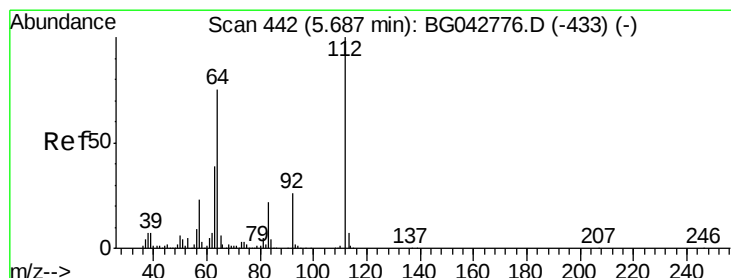
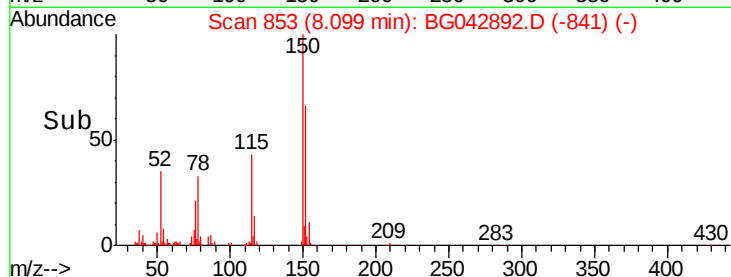
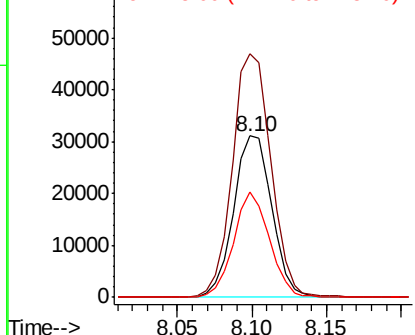
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042892.D
Acq: 18 Sep 2019 13:44

Instrument :
BNA_G
ClientSampleId :
CSA-2-5

Tot Ion:152 Resp: 55392
Ion Ratio Lower Upper
152 100
150 150.7 118.9 178.3
115 64.9 47.4 71.2



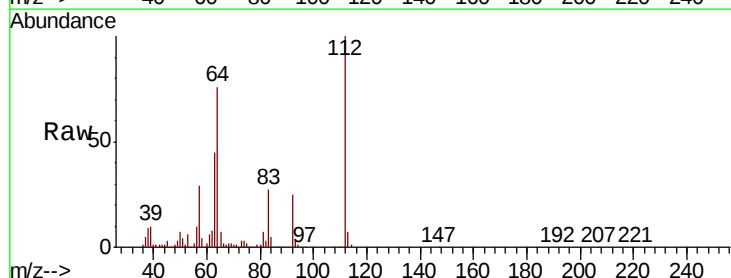
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



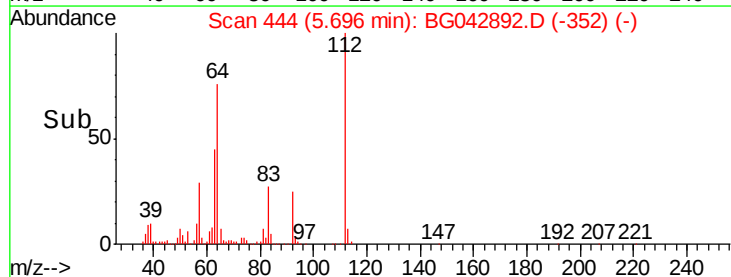
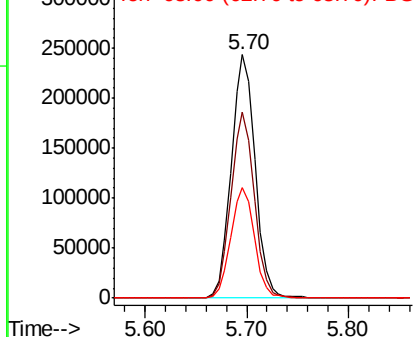
#5

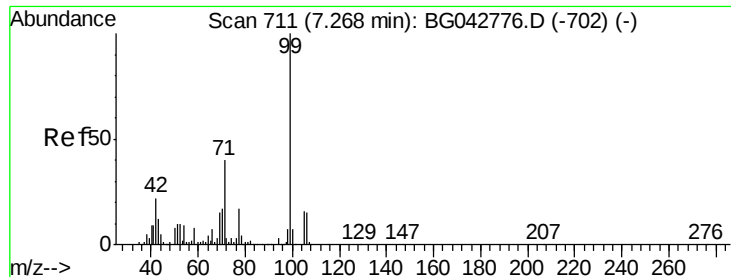
2-Fluorophenol
Concen: 125.052 ng
RT: 5.70 min Scan# 444
Delta R.T. 0.01 min
Lab File: BG042892.D
Acq: 18 Sep 2019 13:44

Tgt Ion:112 Resp: 398429
Ion Ratio Lower Upper
112 100
64 76.4 60.2 90.2
63 45.3 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: 122.204 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG042892.D

Acq: 18 Sep 2019 13:44

Instrument :

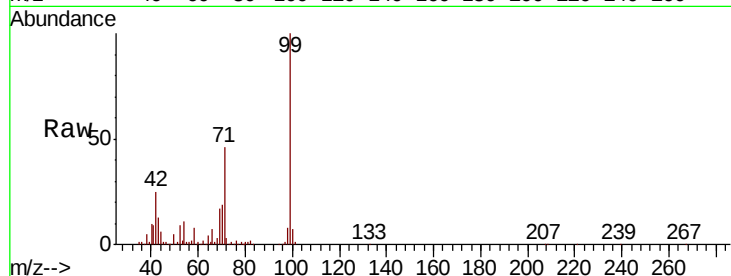
BNA_G

ClientSampleId :

CSA-2-5

Tot Ion: 99 Resp: 558857

Ion	Ratio	Lower	Upper
99	100		
42	24.5	17.5	26.3
71	45.7	32.0	48.0

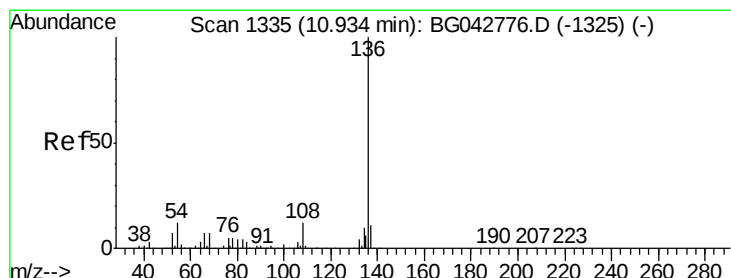
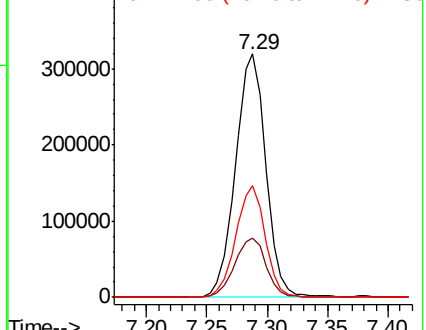
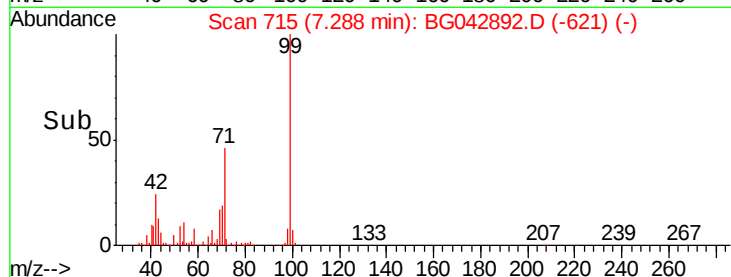


Abundance

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

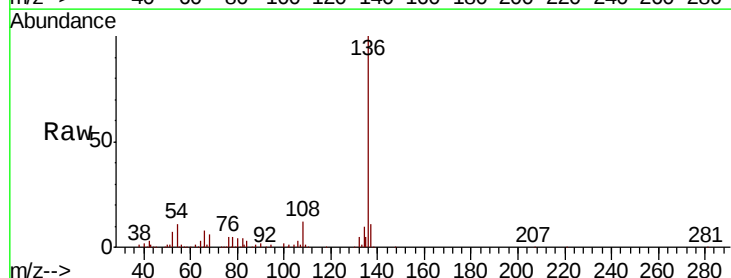
Delta R.T. -0.03 min

Lab File: BG042892.D

Acq: 18 Sep 2019 13:44

Tgt Ion: 136 Resp: 218809

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.6	9.4	14.0
68	5.7	5.4	8.2



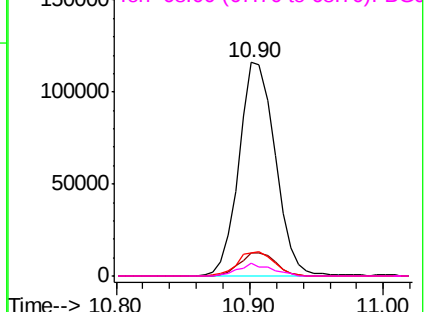
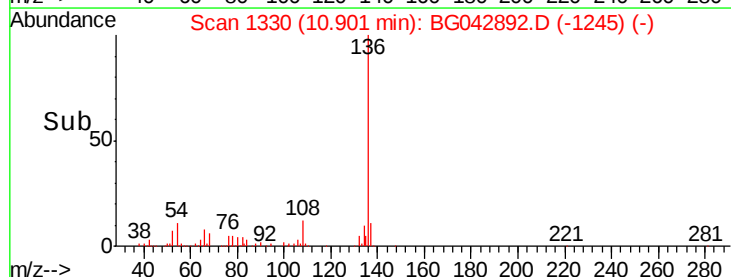
Abundance

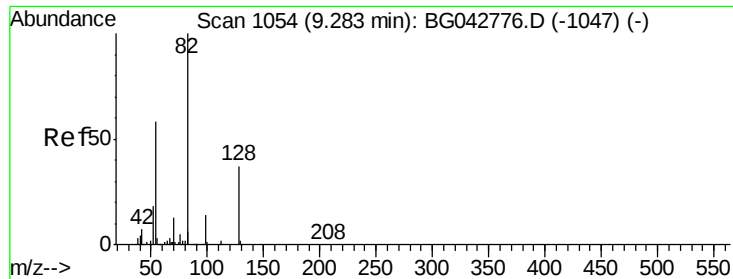
Ion 136.00 (135.70 to 136.70): BGC

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

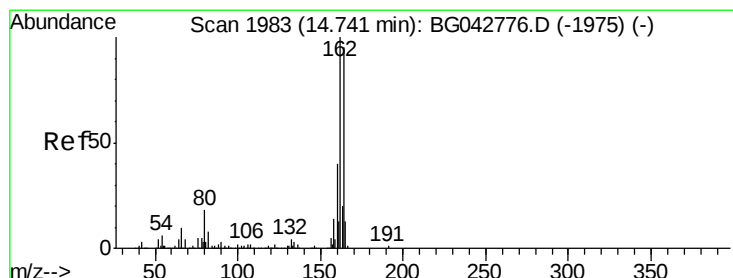
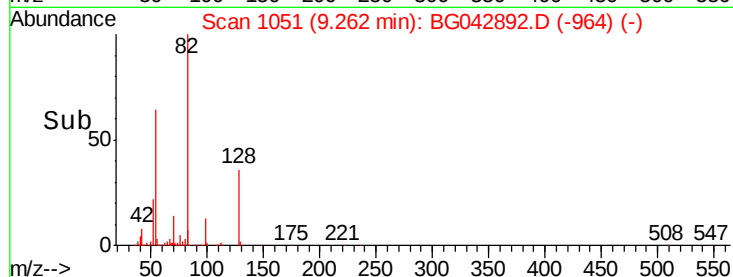
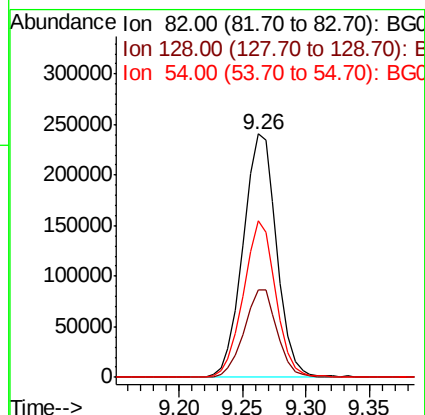
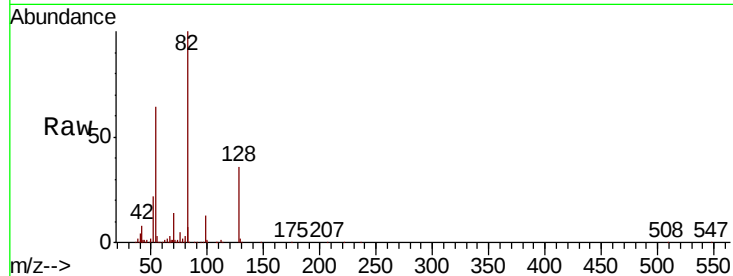




#23
 Nitrobenzene-d5
 Concen: 105.161 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG042892.D
 Acq: 18 Sep 2019 13:44

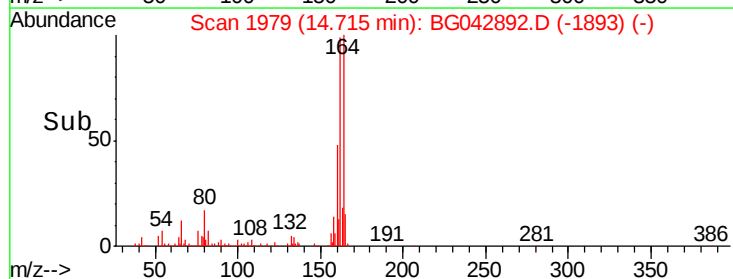
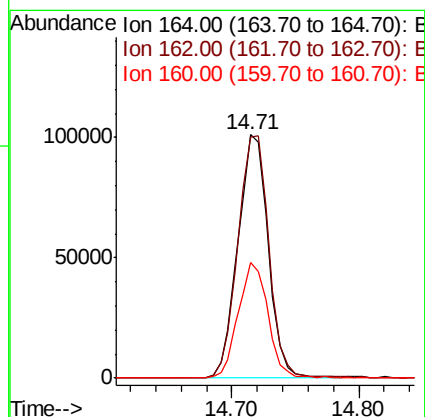
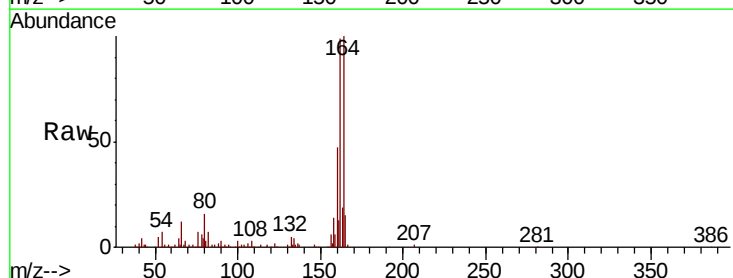
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-5

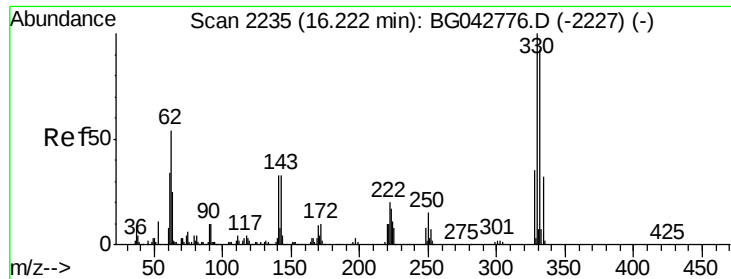
Tot Ion: 82 Resp: 441973
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.8 44.8
 54 64.2 46.1 69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.03 min
 Lab File: BG042892.D
 Acq: 18 Sep 2019 13:44

Tgt Ion: 164 Resp: 167169
 Ion Ratio Lower Upper
 164 100
 162 99.2 84.6 126.8
 160 47.4 34.2 51.2

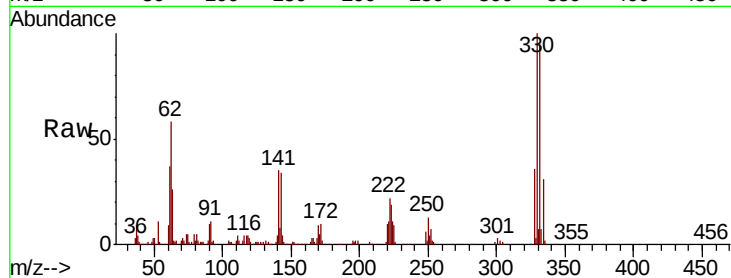




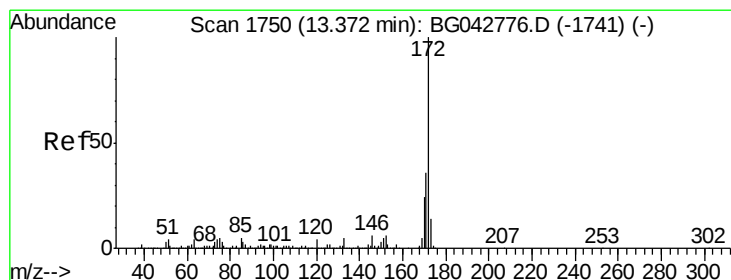
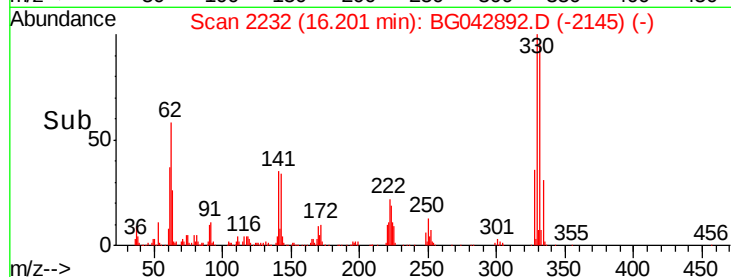
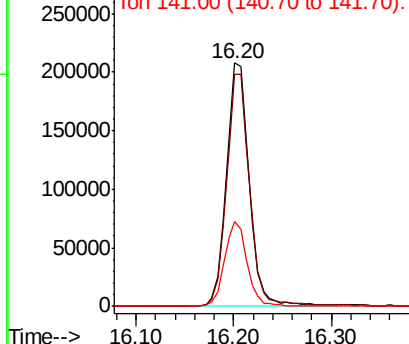
#42
 2,4,6-Tribromophenol
 Concen: 151.741 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG042892.D
 Acq: 18 Sep 2019 13:44

Instrument :
 BNA_G
 ClientSampled :
 CSA-2-5

Tot Ion:330 Resp: 337481
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.7 115.1
 141 34.5 27.0 40.6

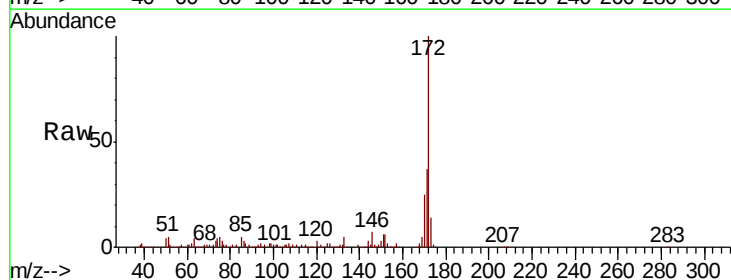


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

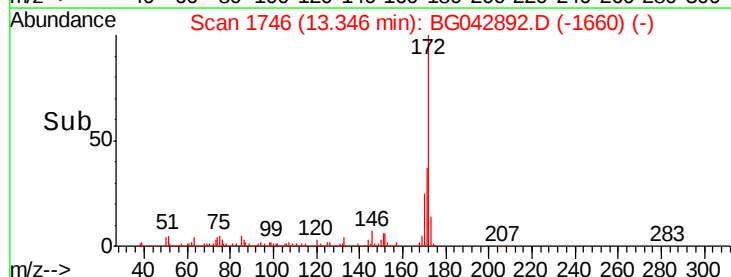
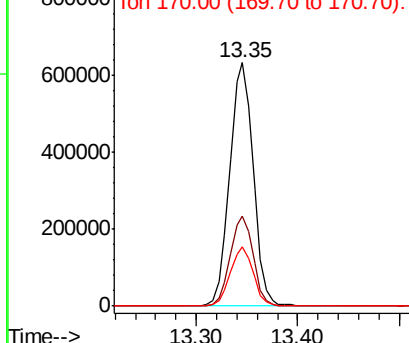


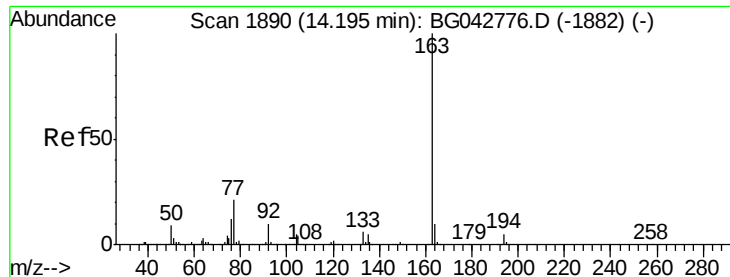
#45
 2-Fluorobiphenyl
 Concen: 96.780 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.03 min
 Lab File: BG042892.D
 Acq: 18 Sep 2019 13:44

Tgt Ion:172 Resp: 1022063
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

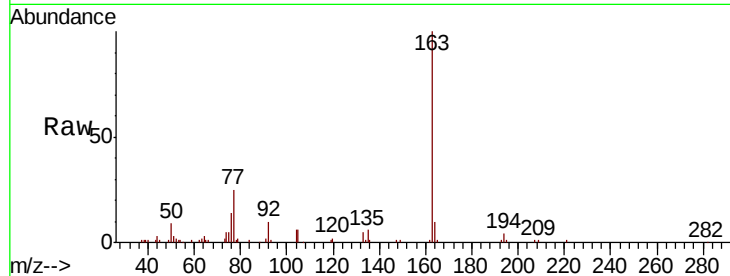




#50
Dimethylphthalate
Concen: 4.561 ng
RT: 14.17 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042892.D
Acq: 18 Sep 2019 13:44

Instrument :
BNA_G
ClientSampleId :
CSA-2-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.2	6.4#
164	9.9	8.4	12.6

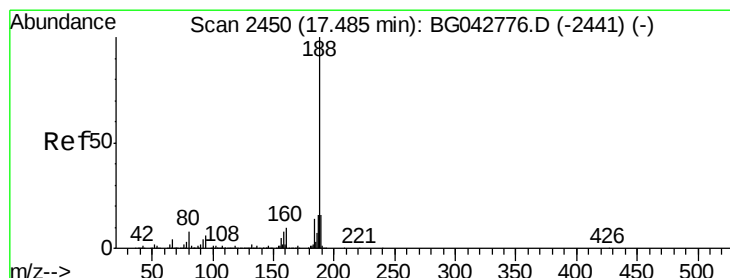
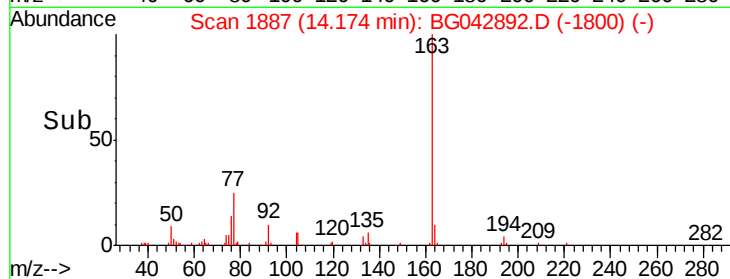
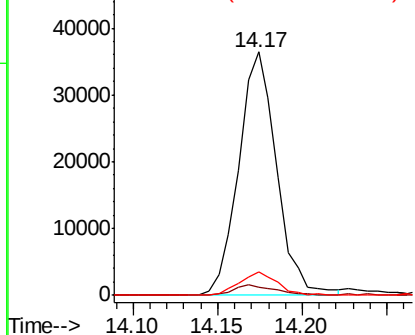


Abundance

Ion 163.00 (162.70 to 163.70): E

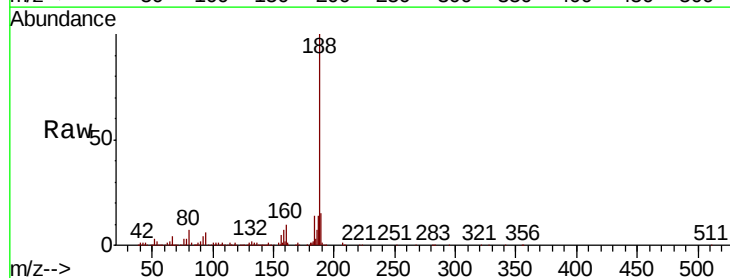
Ion 194.00 (193.70 to 194.70): E

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: BG042892.D
Acq: 18 Sep 2019 13:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.8	7.2
80	7.3	6.6	9.8

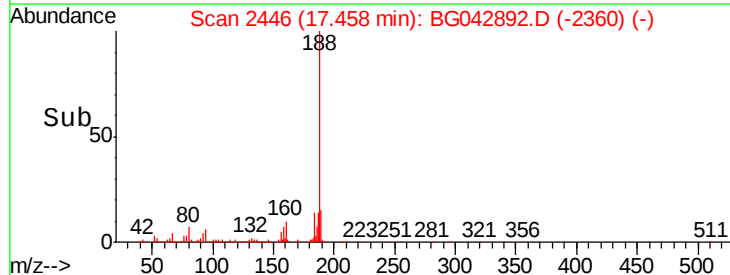
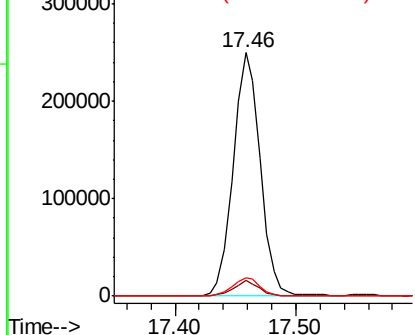


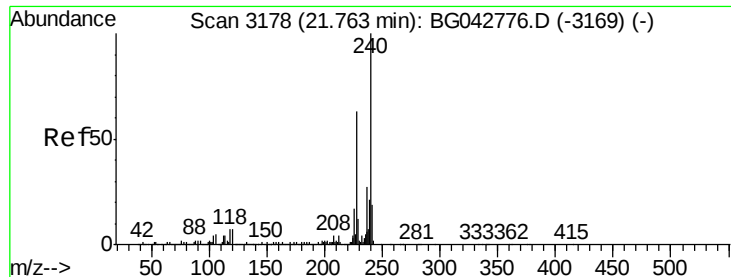
Abundance

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: 21.74 min Scan# 3174

Delta R.T. -0.03 min

Lab File: BG042892.D

Acq: 18 Sep 2019 13:44

Instrument :

BNA_G

ClientSampleId :

CSA-2-5

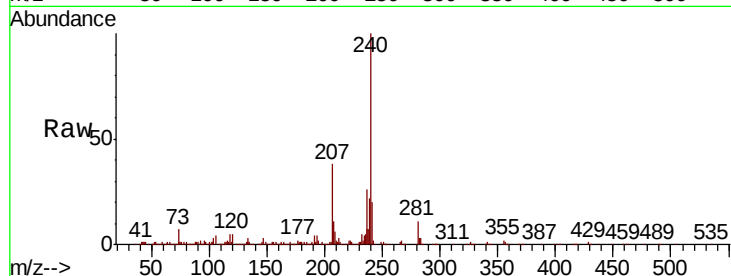
Tot Ion:240 Resp: 374887

Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.2#

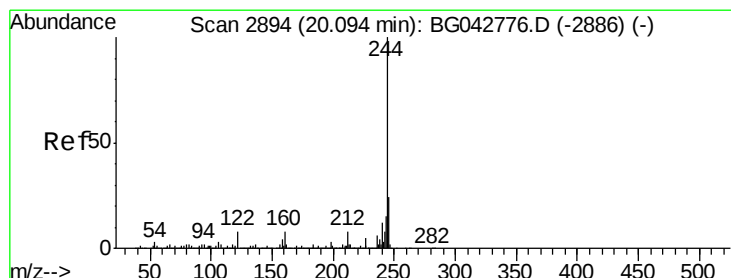
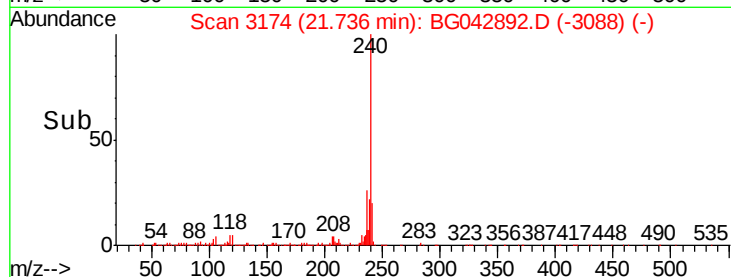
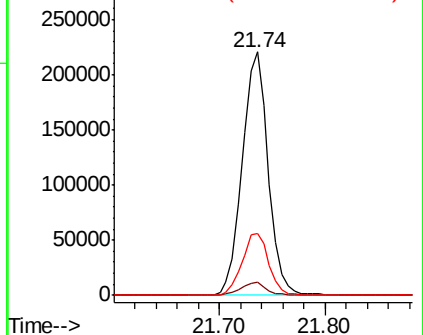
236 25.5 21.7 32.5



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: 106.695 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.03 min

Lab File: BG042892.D

Acq: 18 Sep 2019 13:44

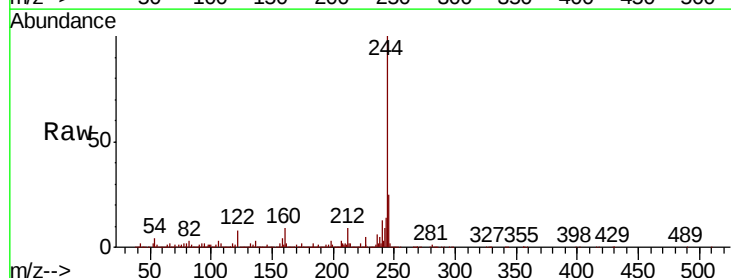
Tgt Ion:244 Resp: 1804764

Ion Ratio Lower Upper

244 100

212 9.2 6.6 10.0

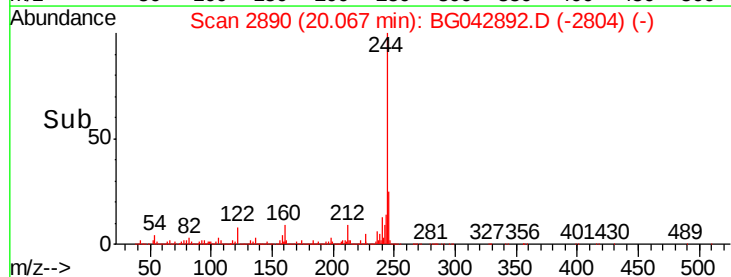
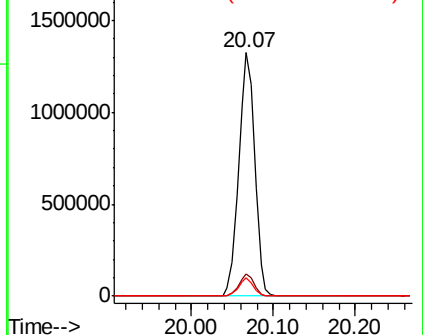
122 7.5 6.2 9.4

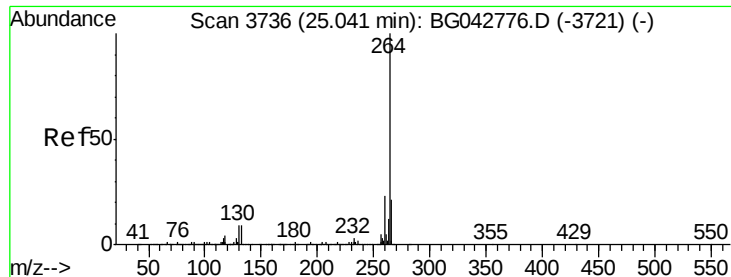


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3728
 Delta R.T. -0.05 min
 Lab File: BG042892.D
 Acq: 18 Sep 2019 13:44

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	23.5	16.9	25.3

