

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042891.D
 Acq On : 18 Sep 2019 13:06
 Operator : HP/JU
 Sample : K4877-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-3

Quant Time: Sep 19 02:31:21 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	56280	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	229583	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	172724	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	394122	20.00	ng	-0.02
76) Chrysene-d12	21.73	240	373909	20.00	ng	-0.03
87) Perylene-d12	24.99	264	377321	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	420089	129.77	ng	0.00
7) Phenol-d6	7.29	99	587662	126.48	ng	0.02
23) Nitrobenzene-d5	9.27	82	477967	108.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	351416	152.93	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	1139433	104.42	ng	-0.03
79) Terphenyl-d14	20.07	244	1916250	113.58	ng	-0.02

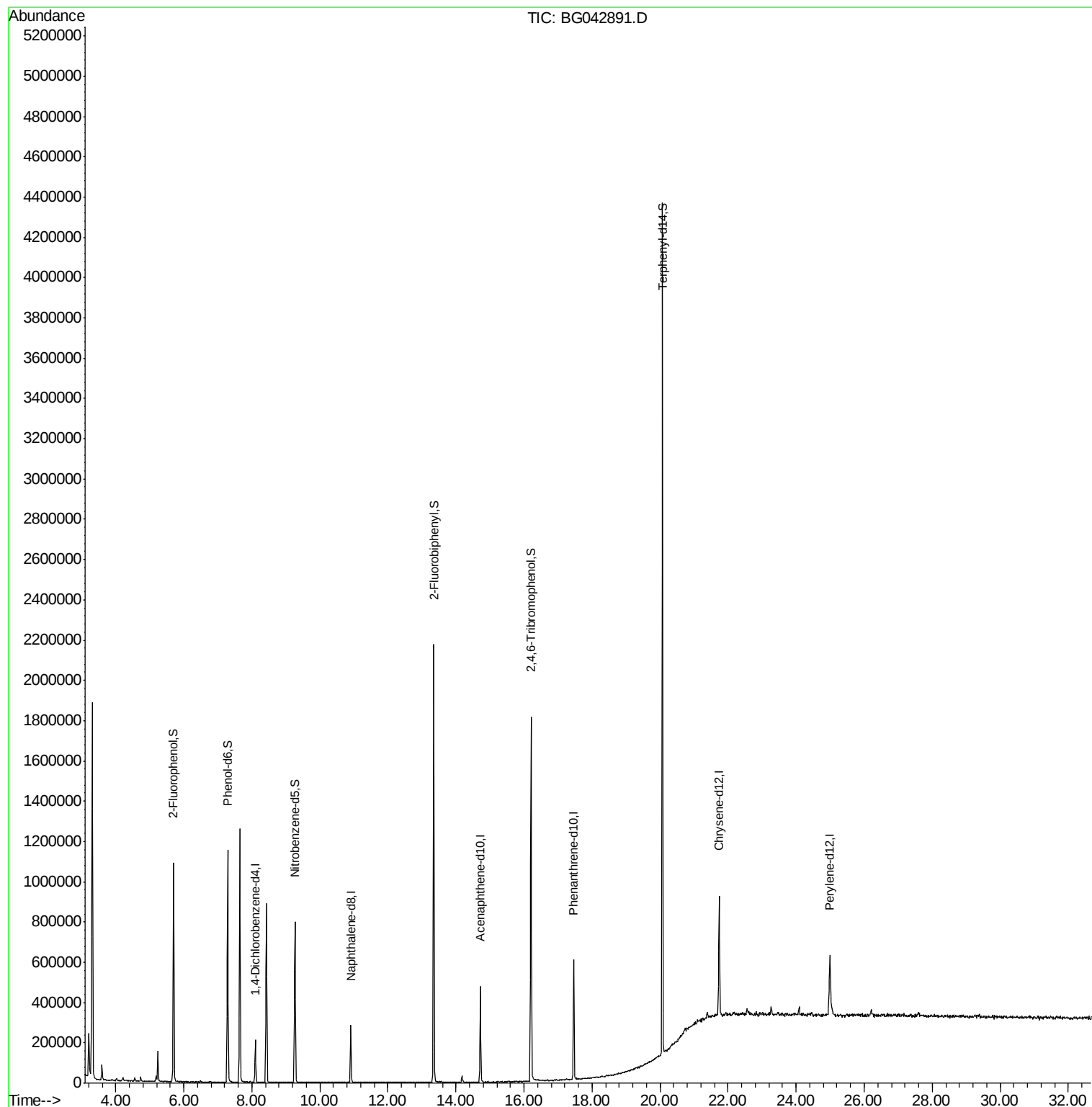
Target Compounds Qvalue

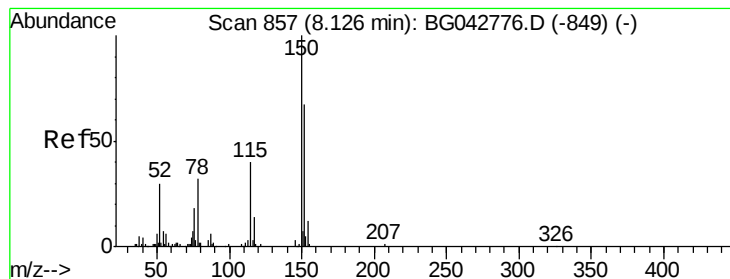
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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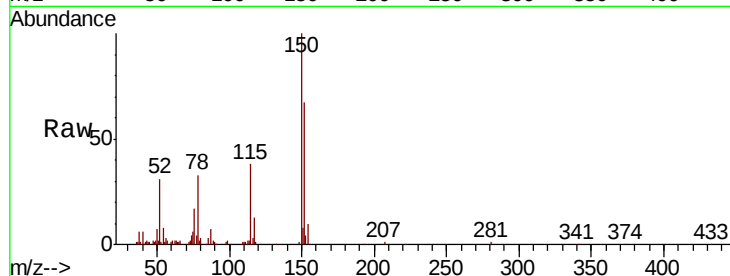


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BG042891.D
Acq: 18 Sep 2019 13:06

Instrument :
BNA_G
ClientSampleId :
CSA-2-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	118.9	178.3
115	57.6	47.4	71.2

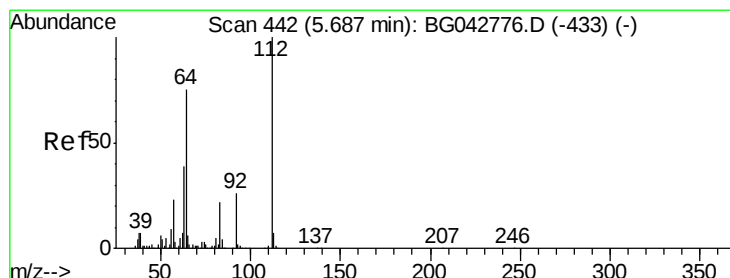
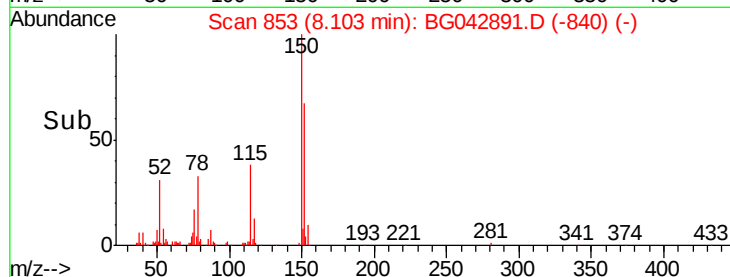
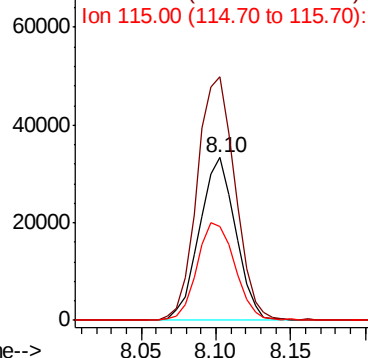


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

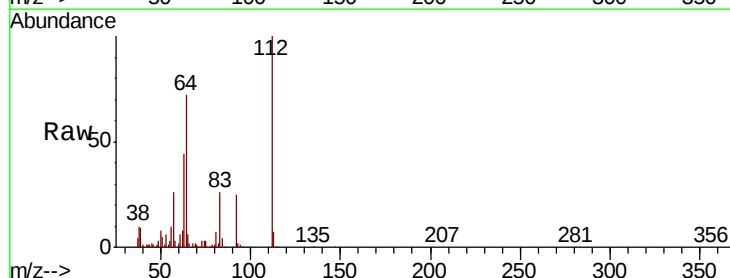
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.770 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.01 min
Lab File: BG042891.D
Acq: 18 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	60.2	90.2
63	44.2	31.2	46.8

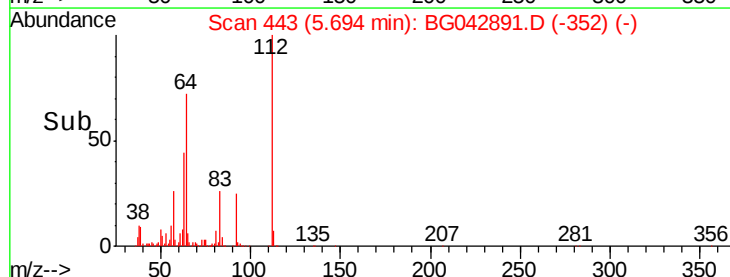
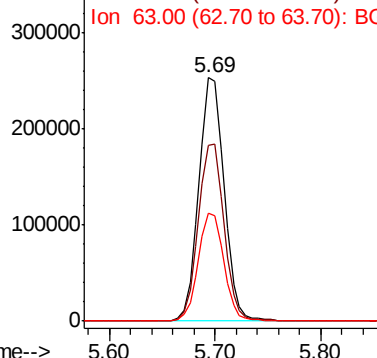


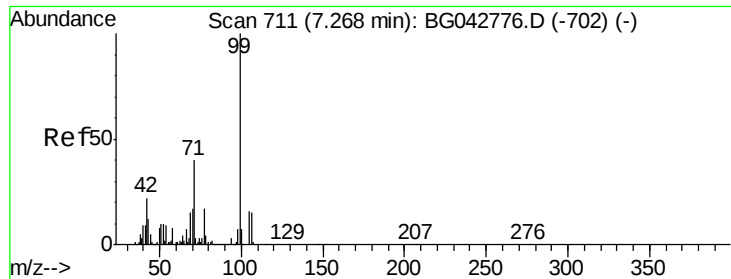
Abundance

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: 126.475 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.02 min

Lab File: BG042891.D

Acq: 18 Sep 2019 13:06

Instrument :

BNA_G

ClientSampleId :

CSA-2-3

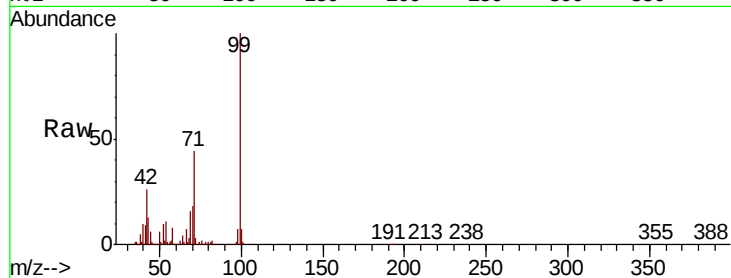
Tot Ion: 99 Resp: 587662

Ion Ratio Lower Upper

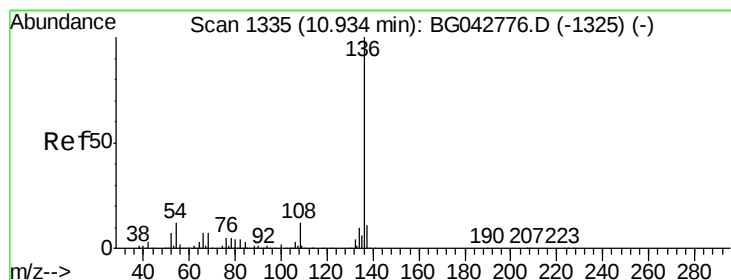
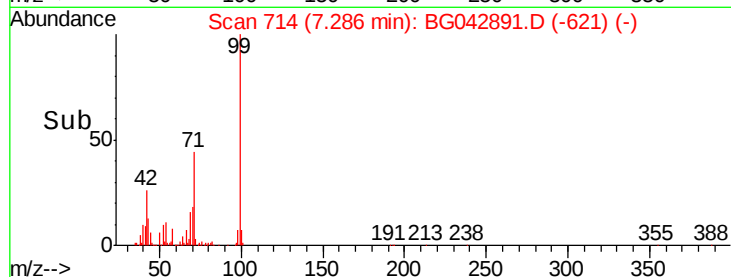
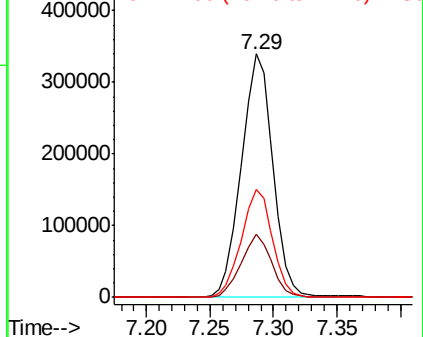
99 100

42 26.0 17.5 26.3

71 44.2 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: 10.91 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BG042891.D

Acq: 18 Sep 2019 13:06

Tgt Ion: 136 Resp: 229583

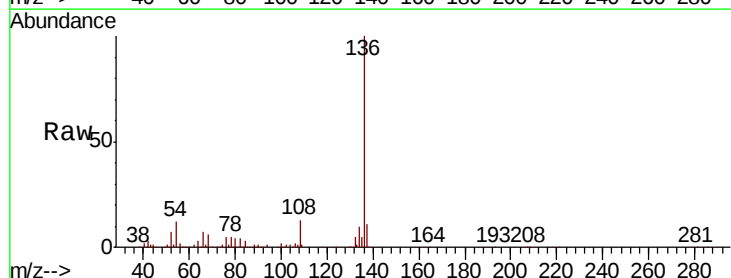
Ion Ratio Lower Upper

136 100

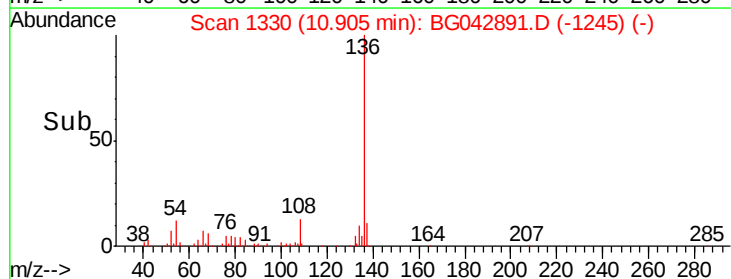
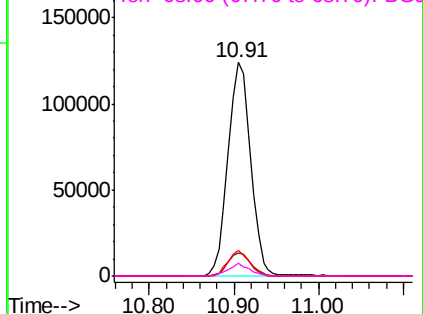
137 10.6 9.0 13.6

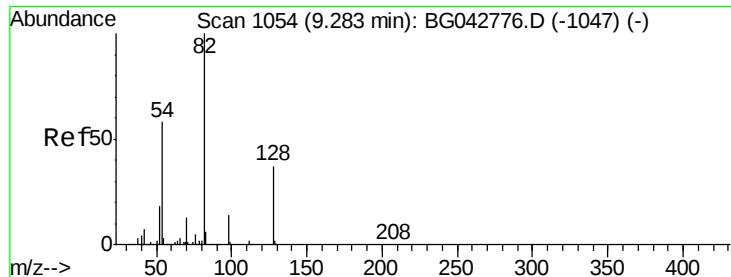
54 11.7 9.4 14.0

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

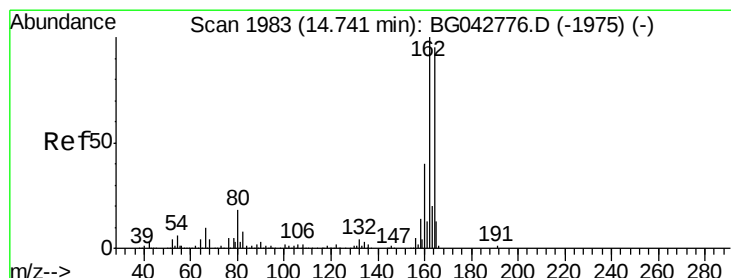
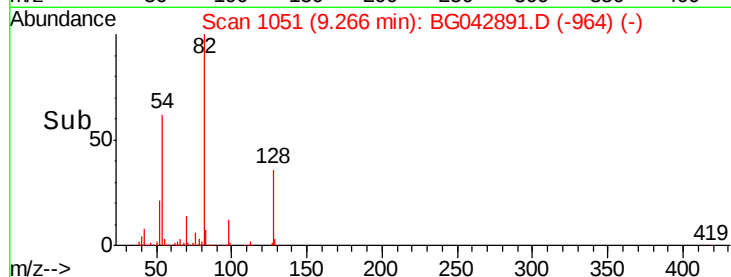
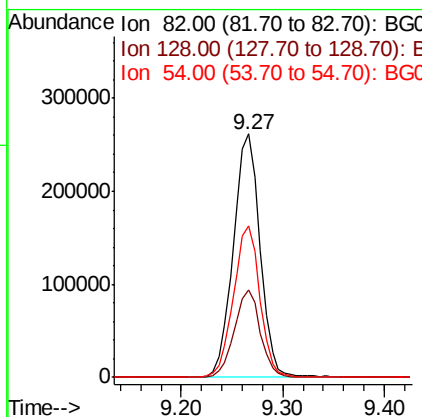
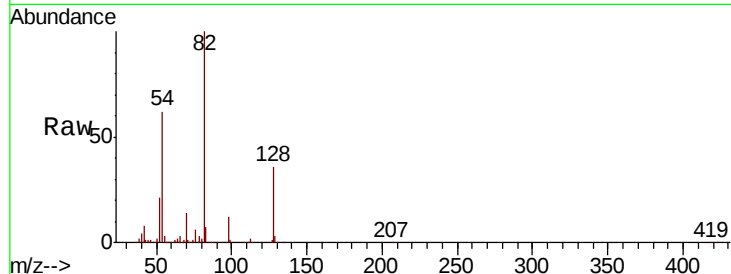




#23
Nitrobenzene-d5
Concen: 108.388 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG042891.D
Acq: 18 Sep 2019 13:06

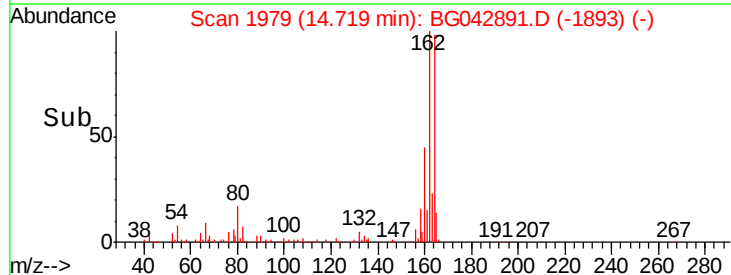
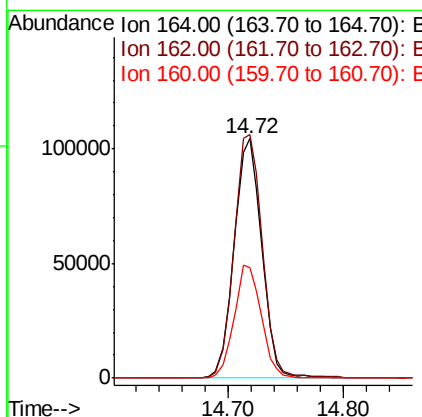
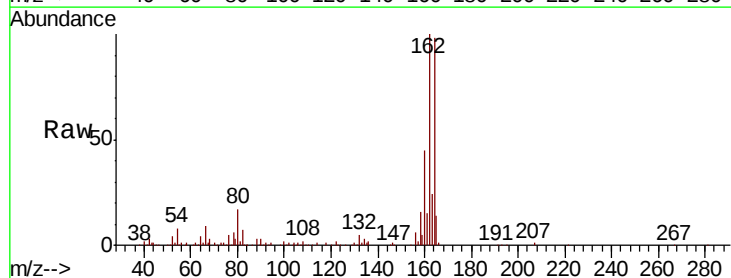
Instrument :
BNA_G
ClientSampleId :
CSA-2-3

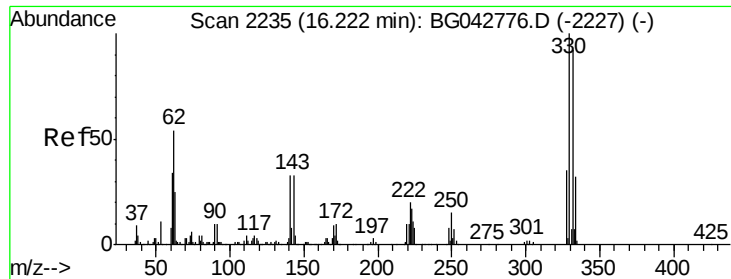
Tot Ion	82	Resp	477967
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.8	44.8
54	62.2	46.1	69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG042891.D
Acq: 18 Sep 2019 13:06

Tgt Ion	164	Resp	172724
Ion Ratio	Lower	Upper	
164	100		
162	101.7	84.6	126.8
160	46.1	34.2	51.2

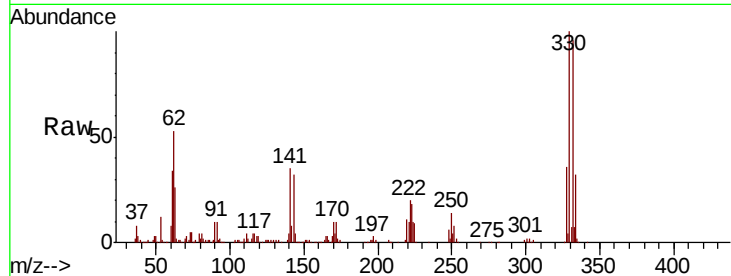




#42
 2,4,6-Tribromophenol
 Concen: 152.925 ng
 RT: 16.21 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG042891.D
 Acq: 18 Sep 2019 13:06

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.7	115.1
141	35.1	27.0	40.6

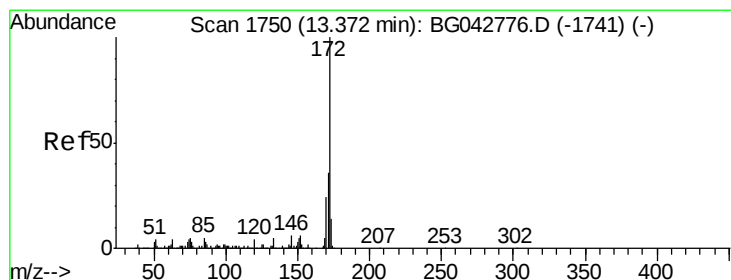
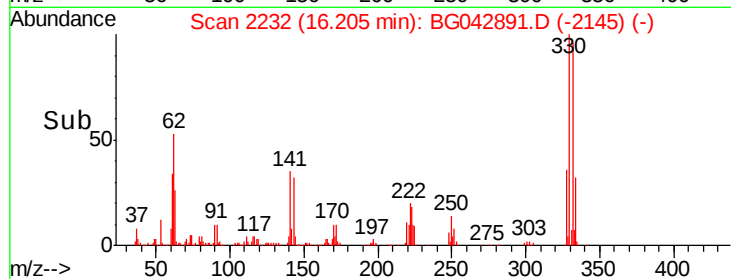
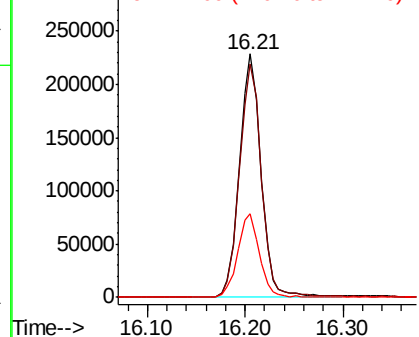


Abundance

Ion 329.80 (329.50 to 330.50): E

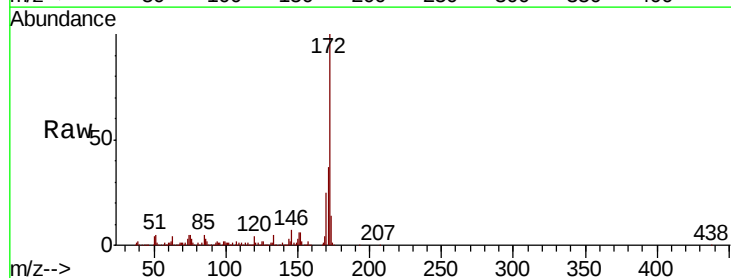
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.424 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BG042891.D
 Acq: 18 Sep 2019 13:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.6	19.1	28.7

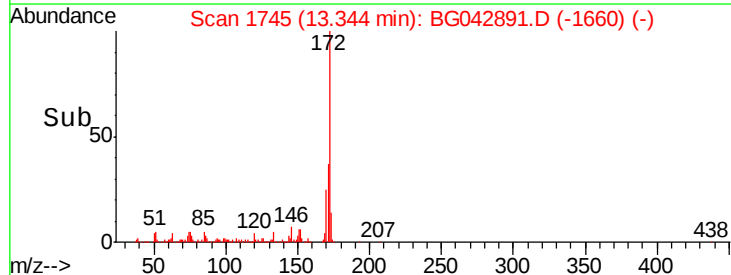
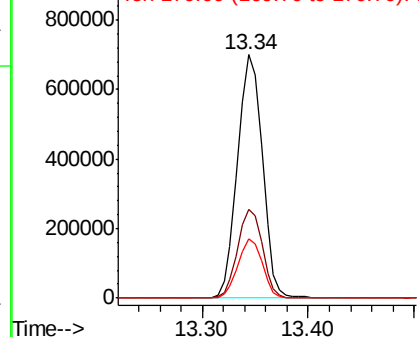


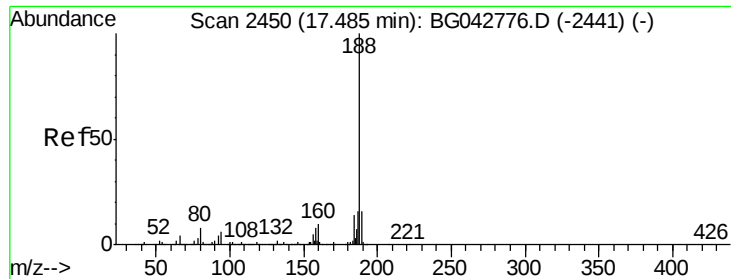
Abundance

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

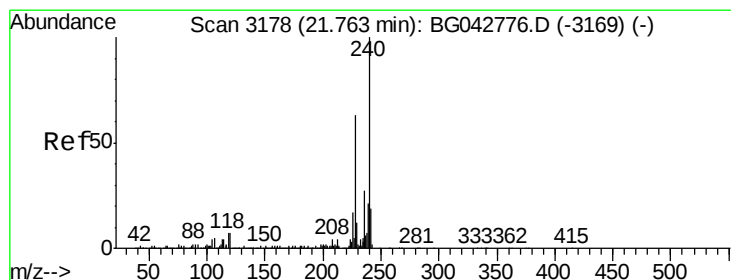
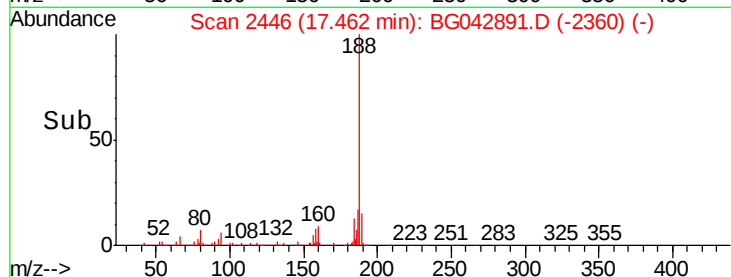
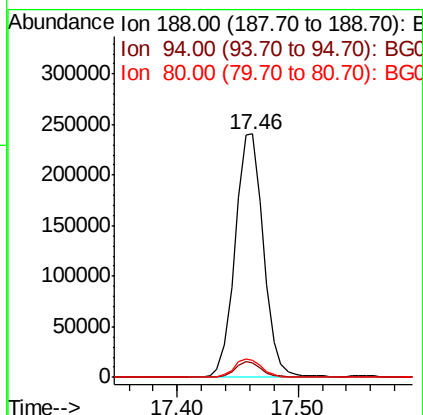
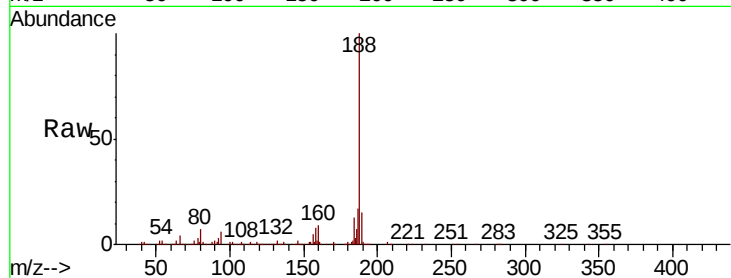




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BG042891.D
Acq: 18 Sep 2019 13:06

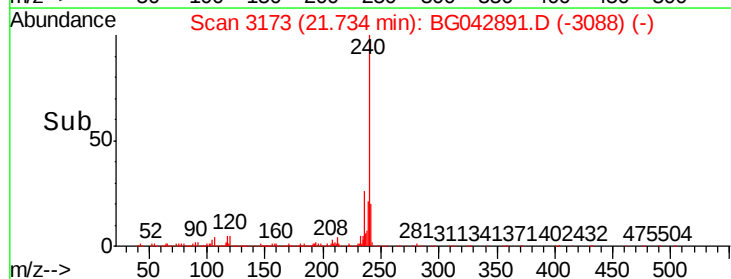
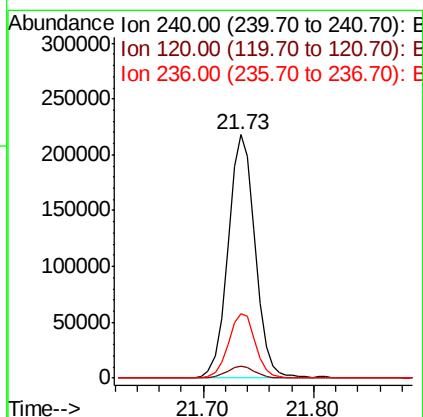
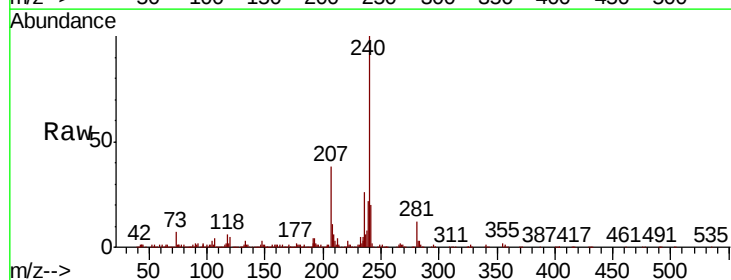
Instrument :
BNA_G
ClientSampleId :
CSA-2-3

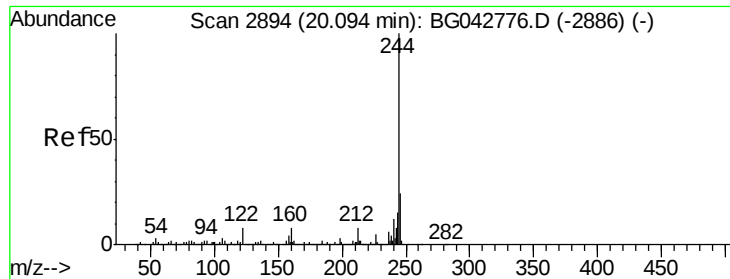
Tot Ion:188 Resp: 394122
Ion Ratio Lower Upper
188 100
94 5.8 4.8 7.2
80 7.2 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.03 min
Lab File: BG042891.D
Acq: 18 Sep 2019 13:06

Tgt Ion:240 Resp: 373909
Ion Ratio Lower Upper
240 100
120 5.0 5.4 8.2#
236 26.2 21.7 32.5





#79

Terphenyl-d14

Concen: 113.582 ng

RT: 20.07 min Scan# 2890

Delta R.T. -0.02 min

Lab File: BG042891.D

Acq: 18 Sep 2019 13:06

Instrument :

BNA_G

ClientSampleId :

CSA-2-3

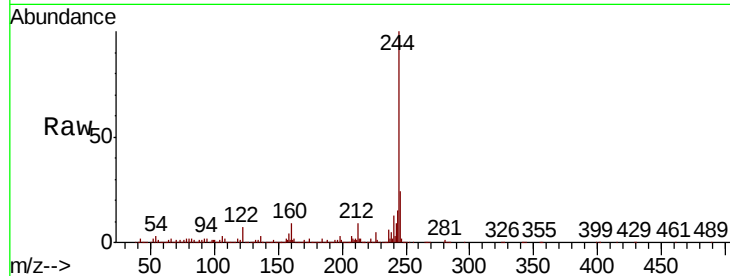
Tot Ion:244 Resp: 1916250

Ion Ratio Lower Upper

244 100

212 9.2 6.6 10.0

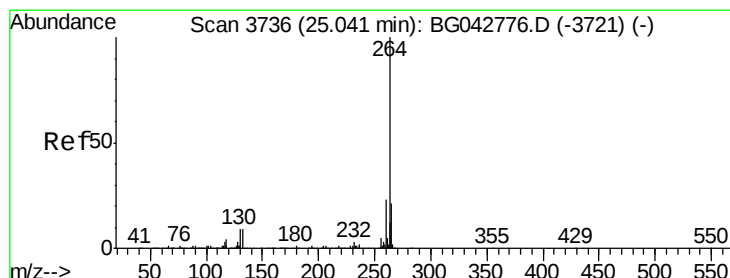
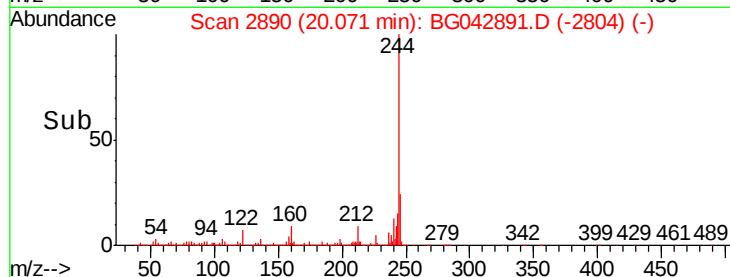
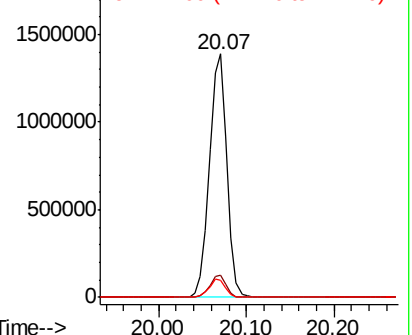
122 7.2 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. -0.05 min

Lab File: BG042891.D

Acq: 18 Sep 2019 13:06

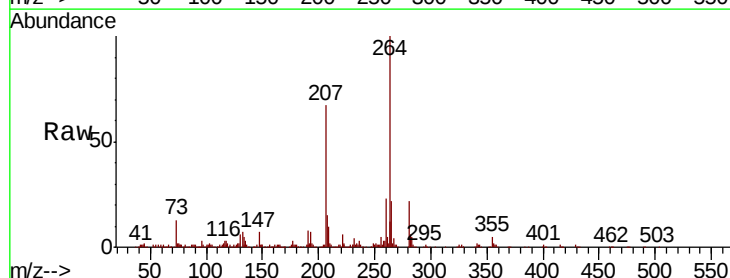
Tgt Ion:264 Resp: 377321

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 22.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

