

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042899.D
 Acq On : 18 Sep 2019 18:12
 Operator : HP/JU
 Sample : K4878-29
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1

Quant Time: Sep 19 02:41:14 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	54140	20.00	ng	-0.03
21) Naphthalene-d8	10.90	136	213962	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	162798	20.00	ng	-0.03
64) Phenanthrene-d10	17.46	188	383843	20.00	ng	-0.03
76) Chrysene-d12	21.73	240	355918	20.00	ng	-0.03
87) Perylene-d12	24.98	264	370619	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	392656	126.09	ng	0.00
7) Phenol-d6	7.28	99	562947	125.95	ng	0.01
23) Nitrobenzene-d5	9.26	82	457986	111.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.20	330	263015	121.43	ng	-0.02
45) 2-Fluorobiphenyl	13.34	172	1111391	108.06	ng	-0.03
79) Terphenyl-d14	20.07	244	1835263	114.28	ng	-0.03

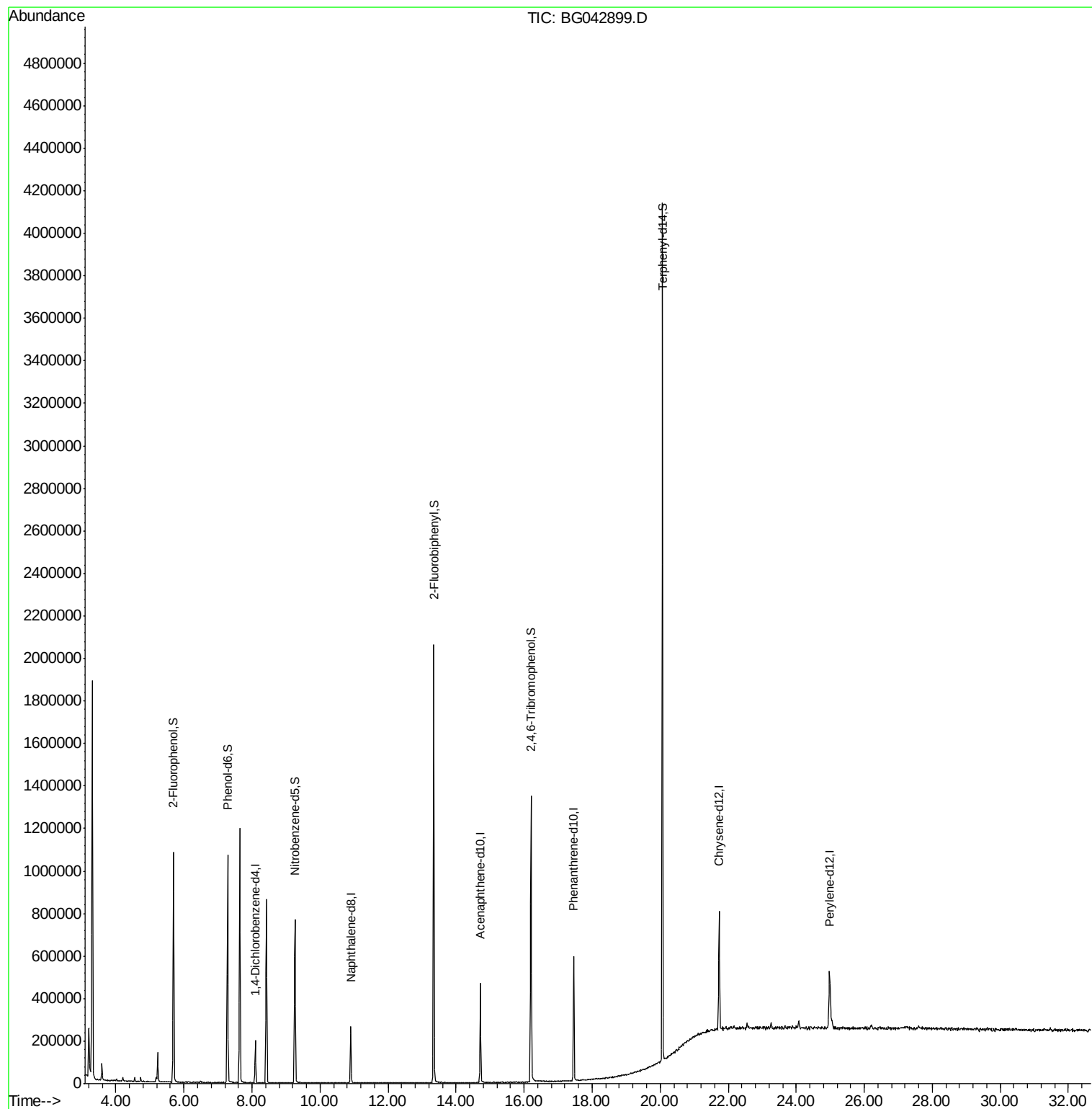
Target Compounds Qvalue

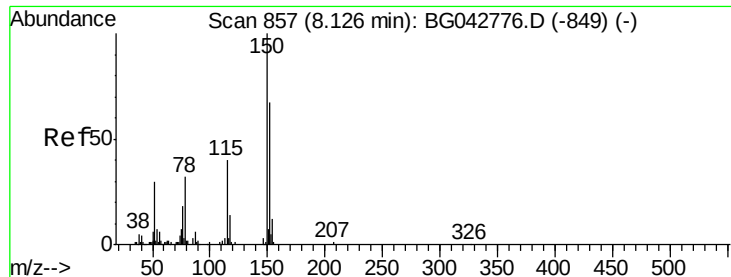
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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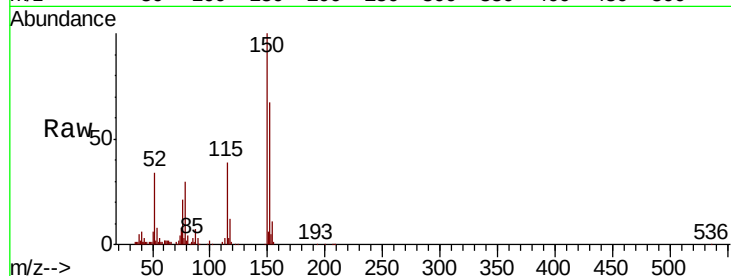


#1

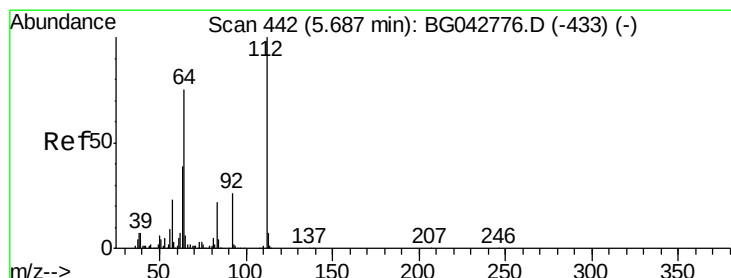
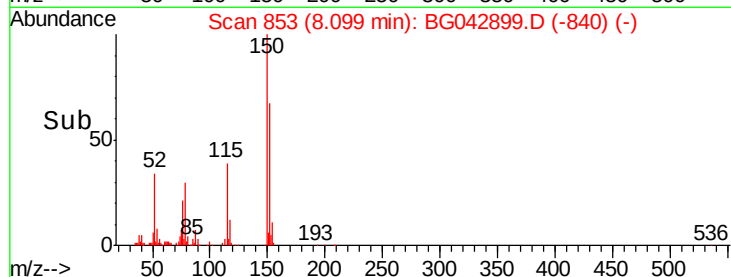
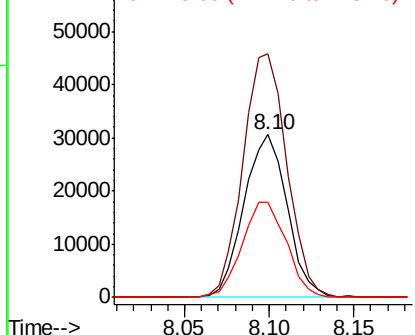
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.03 min
Lab File: BG042899.D
Acq: 18 Sep 2019 18:12

Instrument :
BNA_G
ClientSampleId :
CSA-2-1

Tot Ion:152 Resp: 54140
Ion Ratio Lower Upper
152 100
150 149.6 118.9 178.3
115 58.6 47.4 71.2



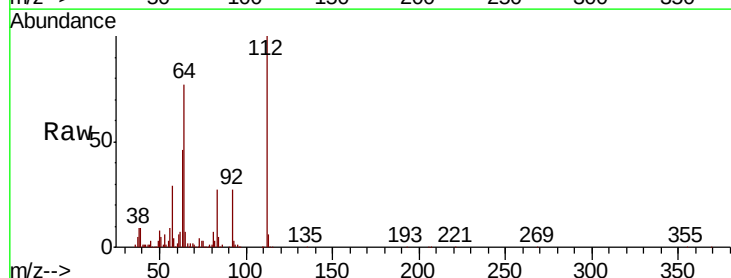
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



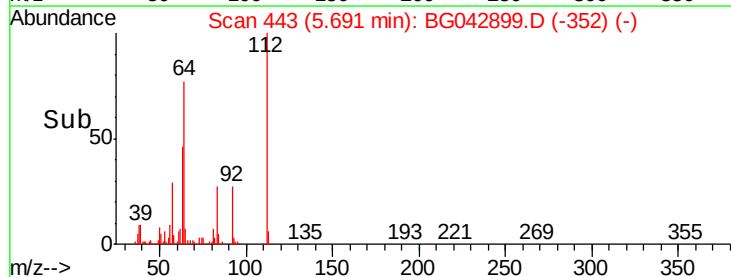
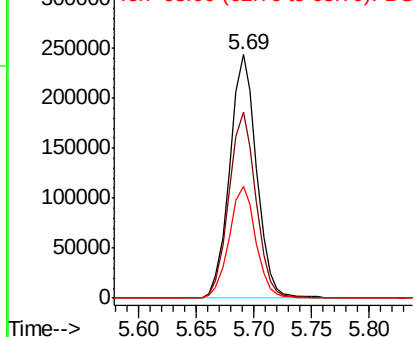
#5

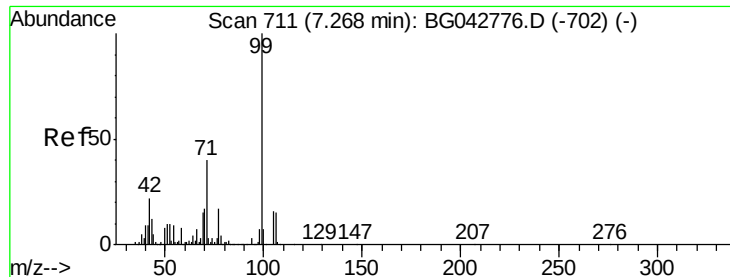
2-Fluorophenol
Concen: 126.090 ng
RT: 5.69 min Scan# 443
Delta R.T. 0.00 min
Lab File: BG042899.D
Acq: 18 Sep 2019 18:12

Tgt Ion:112 Resp: 392656
Ion Ratio Lower Upper
112 100
64 76.6 60.2 90.2
63 45.8 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: 125.945 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG042899.D

Acq: 18 Sep 2019 18:12

Instrument :

BNA_G

ClientSampleId :

CSA-2-1

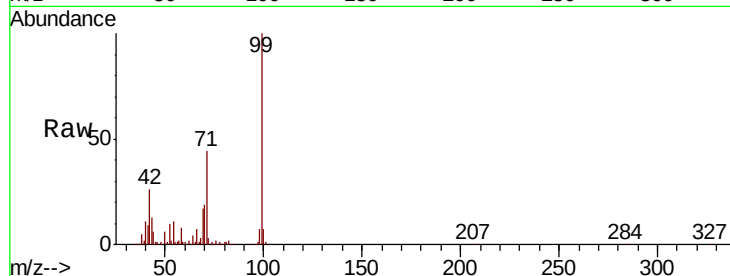
Tot Ion: 99 Resp: 562947

Ion Ratio Lower Upper

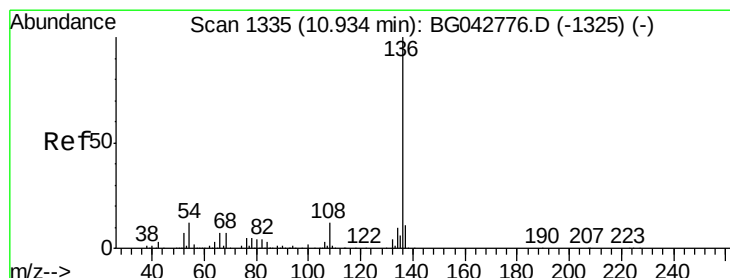
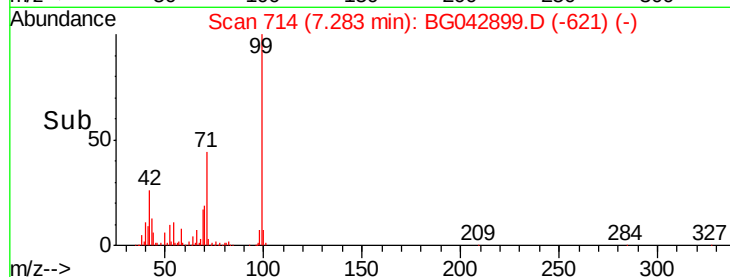
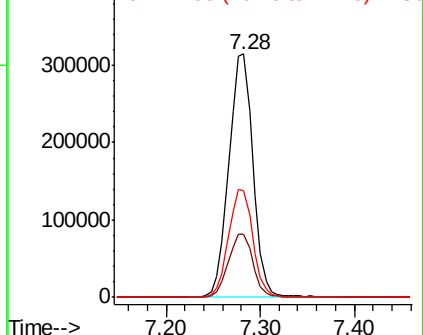
99 100

42 26.0 17.5 26.3

71 43.8 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: BG042899.D

Acq: 18 Sep 2019 18:12

Tgt Ion: 136 Resp: 213962

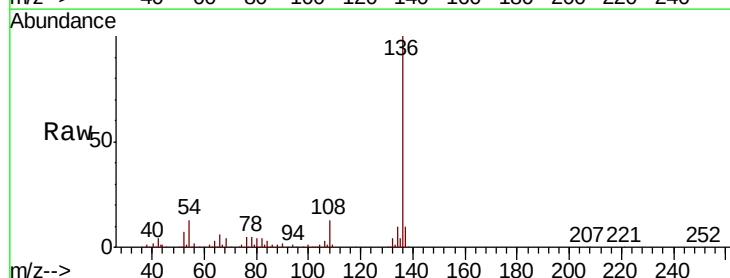
Ion Ratio Lower Upper

136 100

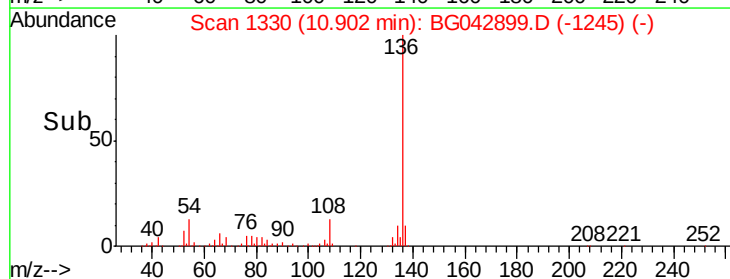
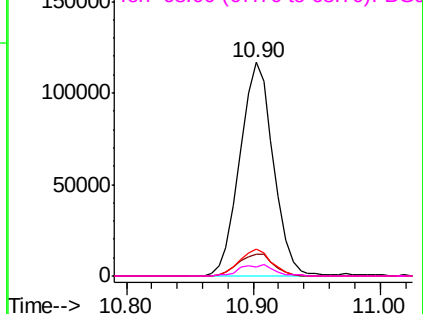
137 10.4 9.0 13.6

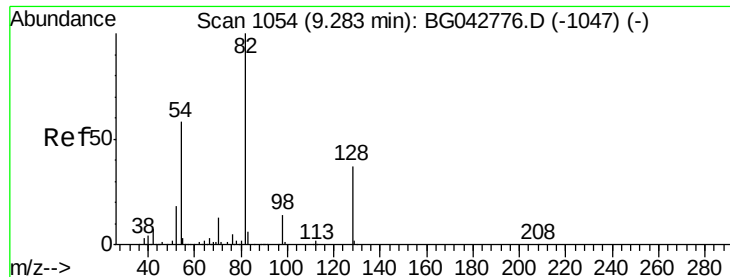
54 12.7 9.4 14.0

68 4.4 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

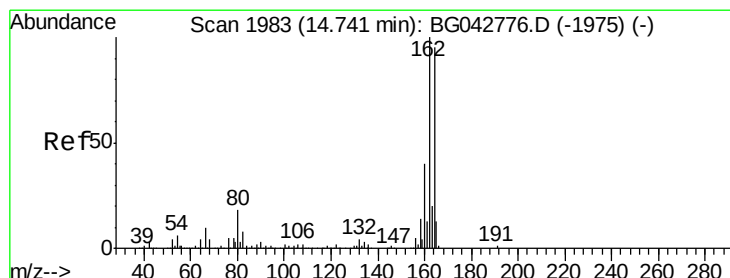
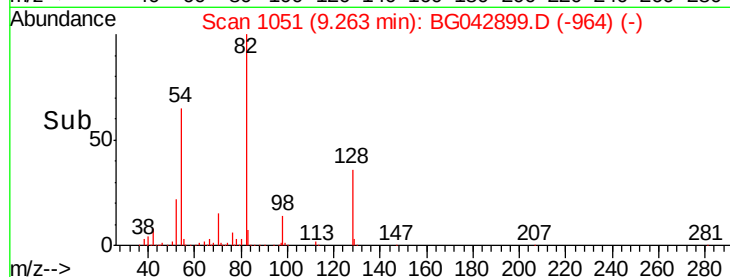
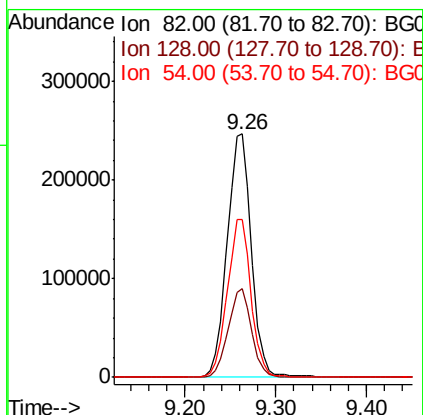
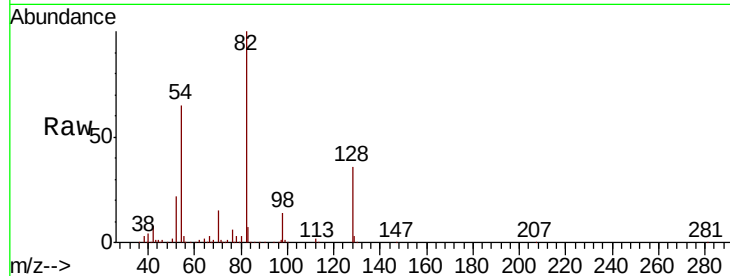




#23
 Nitrobenzene-d5
 Concen: 111.440 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG042899.D
 Acq: 18 Sep 2019 18:12

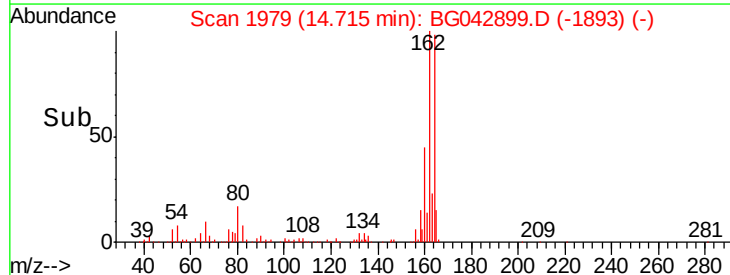
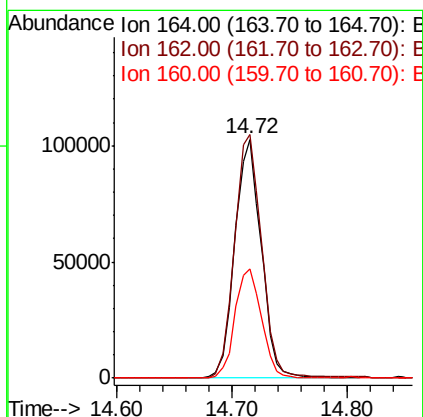
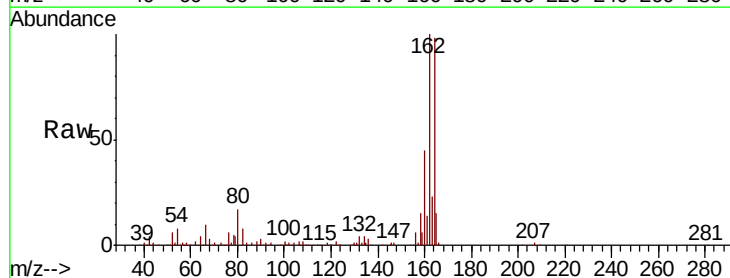
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1

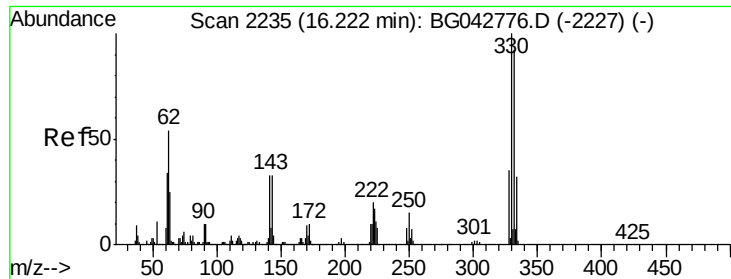
Tot Ion	82	Resp	457986
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.8	44.8
54	64.7	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.03 min
 Lab File: BG042899.D
 Acq: 18 Sep 2019 18:12

Tgt Ion	164	Resp	162798
Ion Ratio	Lower	Upper	
164	100		
162	102.0	84.6	126.8
160	45.5	34.2	51.2

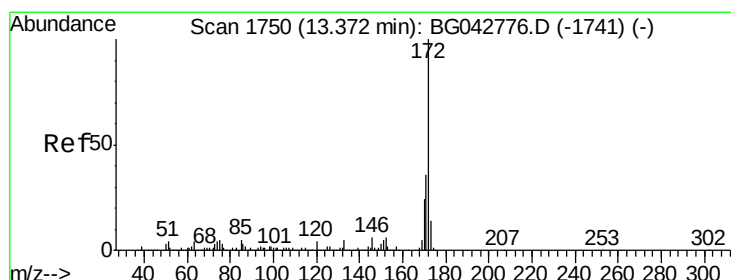
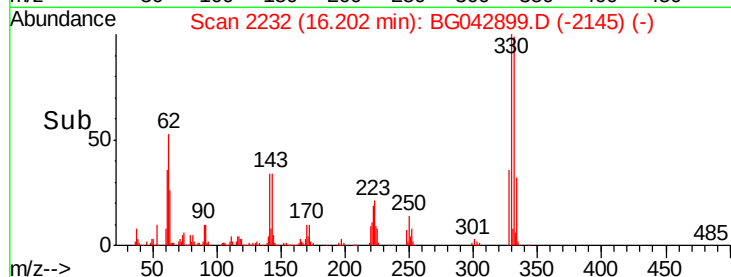
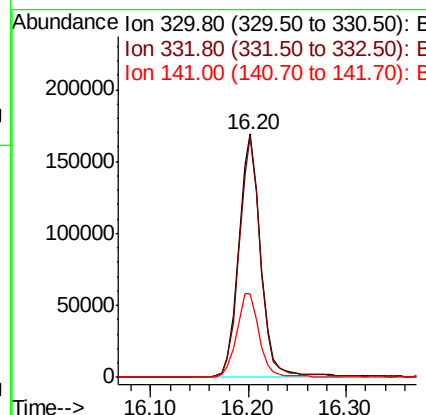
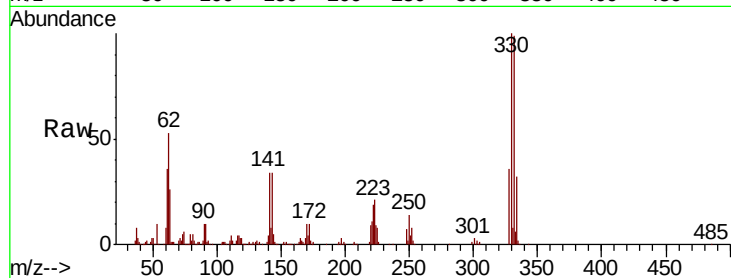




#42
 2,4,6-Tribromophenol
 Concen: 121.434 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BG042899.D
 Acq: 18 Sep 2019 18:12

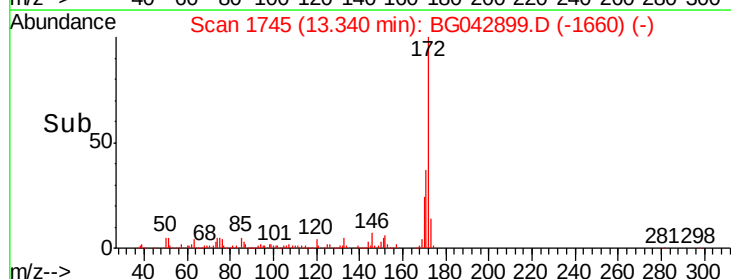
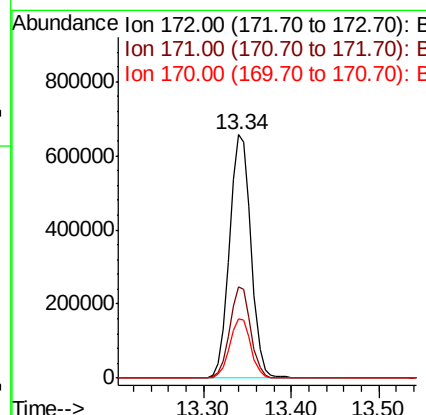
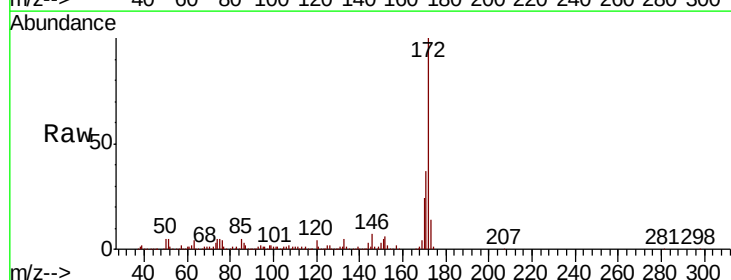
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1

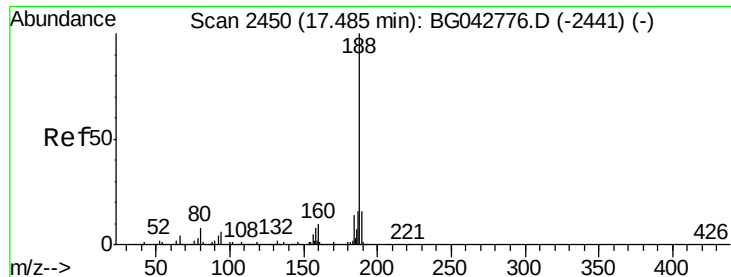
Tot Ion:330 Resp: 263015
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.7 115.1
 141 35.5 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 108.064 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.03 min
 Lab File: BG042899.D
 Acq: 18 Sep 2019 18:12

Tgt Ion:172 Resp: 1111391
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 24.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.03 min

Lab File: BG042899.D

Acq: 18 Sep 2019 18:12

Instrument :

BNA_G

ClientSampleId :

CSA-2-1

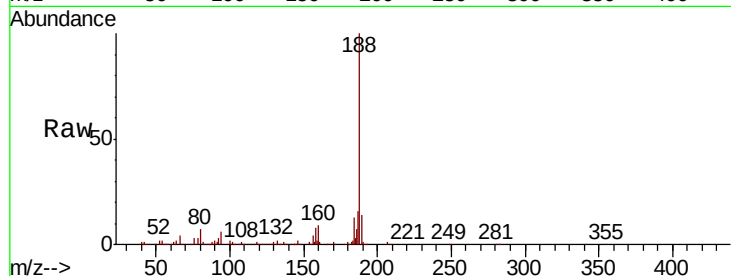
Tot Ion:188 Resp: 383843

Ion Ratio Lower Upper

188 100

94 6.0 4.8 7.2

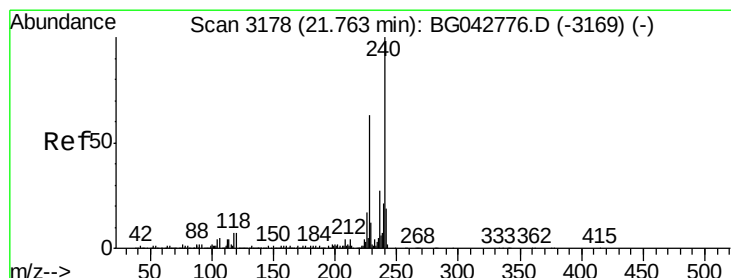
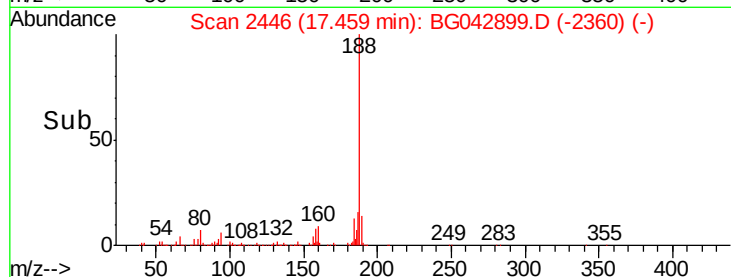
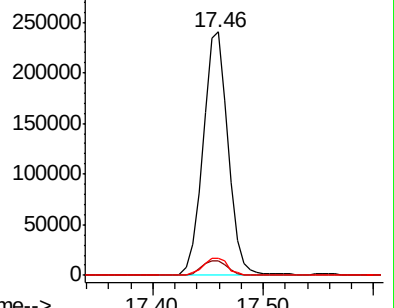
80 7.2 6.6 9.8



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: BG042899.D

Acq: 18 Sep 2019 18:12

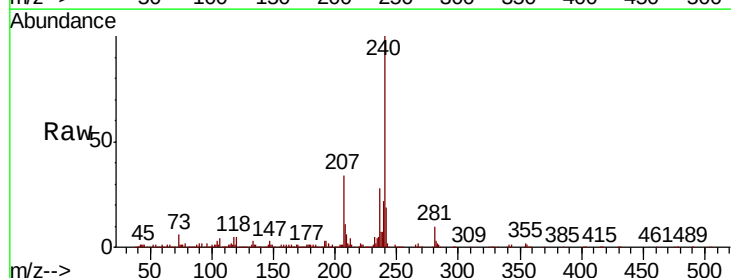
Tgt Ion:240 Resp: 355918

Ion Ratio Lower Upper

240 100

120 4.7 5.4 8.2#

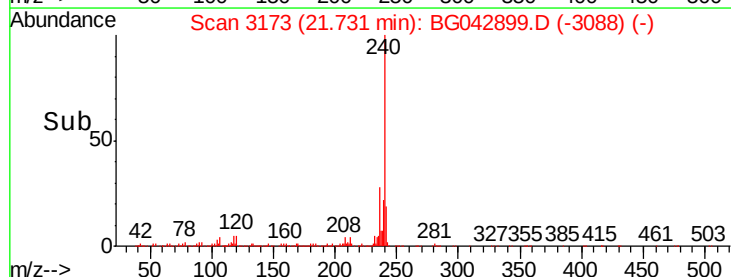
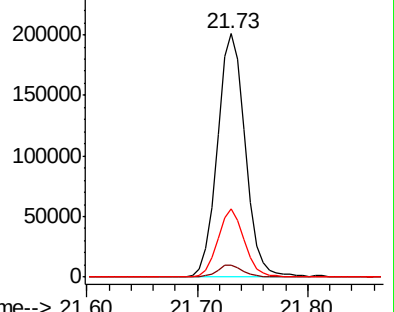
236 28.0 21.7 32.5

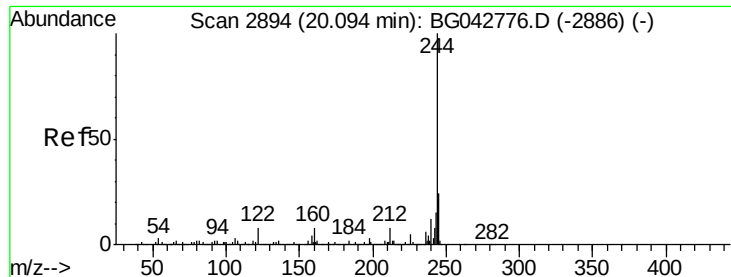


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

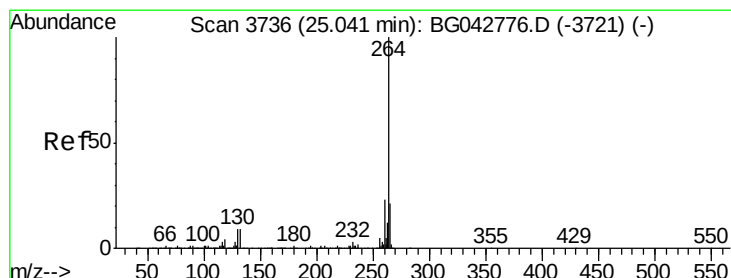
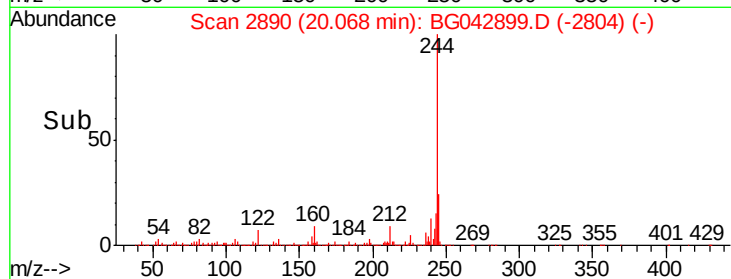
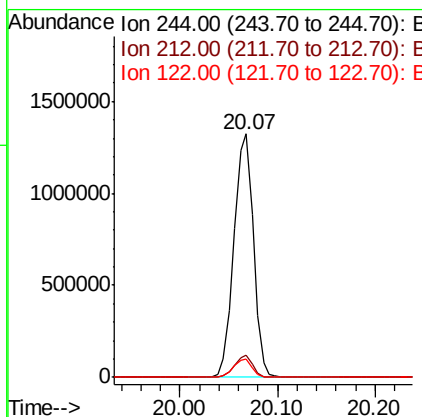
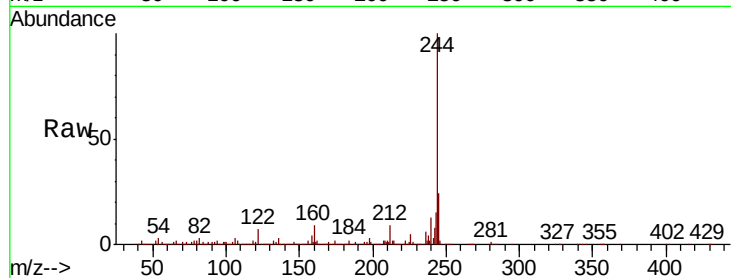




#79
 Terphenyl-d14
 Concen: 114.281 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. -0.03 min
 Lab File: BG042899.D
 Acq: 18 Sep 2019 18:12

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1

Tot Ion:244 Resp: 1835263
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.6 10.0
 122 7.4 6.2 9.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.06 min
 Lab File: BG042899.D
 Acq: 18 Sep 2019 18:12

Tgt Ion:264 Resp: 370619
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 23.1 16.9 25.3

