

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042806.D
 Acq On : 13 Sep 2019 7:41
 Operator : HP/JU
 Sample : K4825-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-1

Quant Time: Sep 13 08:55:14 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	8.12	152	86523	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	325590	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	218373	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	521219	20.00	ng	0.00
76) Chrysene-d12	21.75	240	536127	20.00	ng	0.00
87) Perylene-d12	25.02	264	580125	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	602864	121.14	ng	0.00
7) Phenol-d6	7.27	99	788982	110.45	ng	0.00
23) Nitrobenzene-d5	9.27	82	634193	101.41	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	418103	143.91	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1343087	97.36	ng	0.00
79) Terphenyl-d14	20.09	244	2335067	96.53	ng	0.00

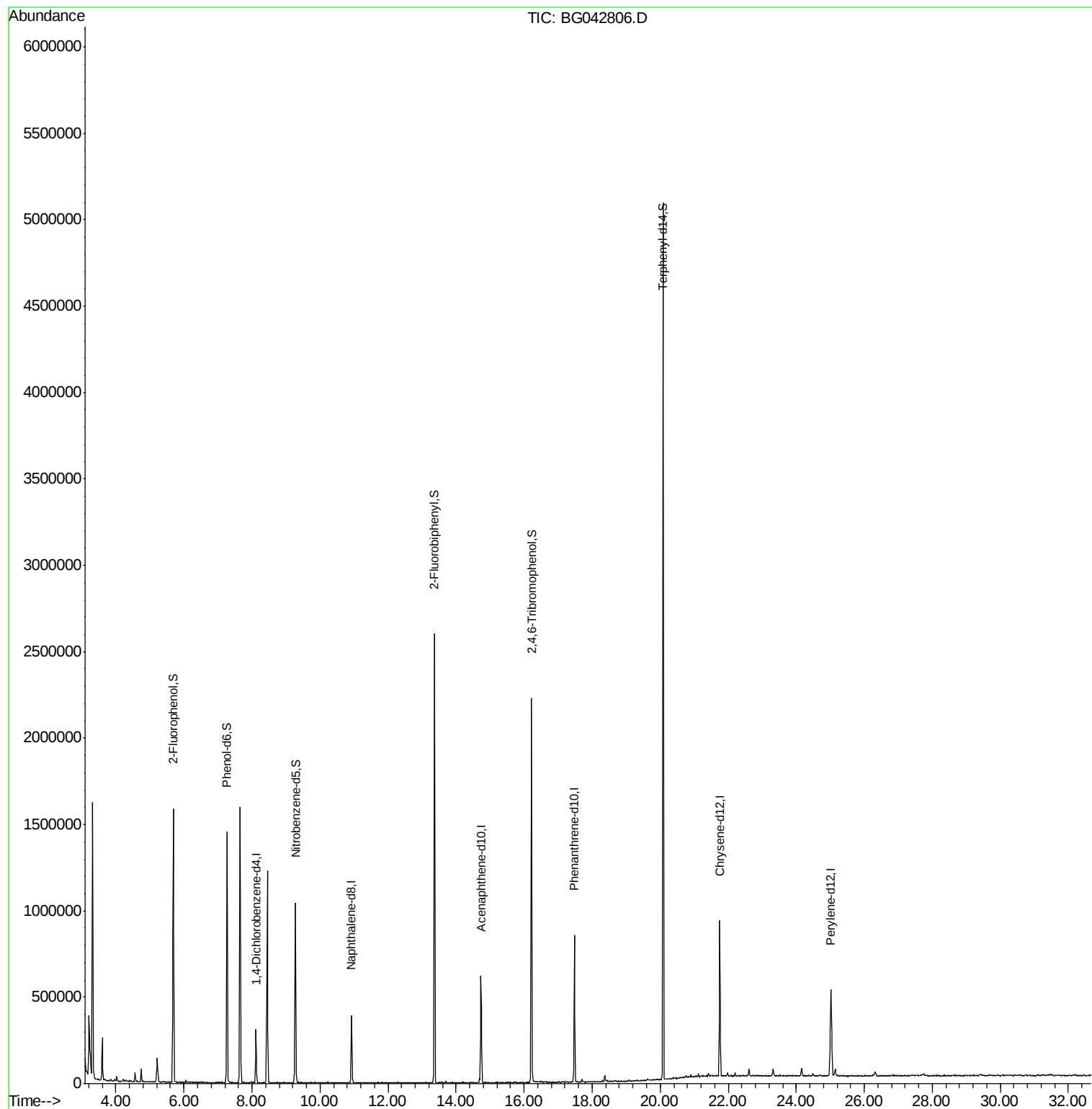
Target Compounds Qvalue

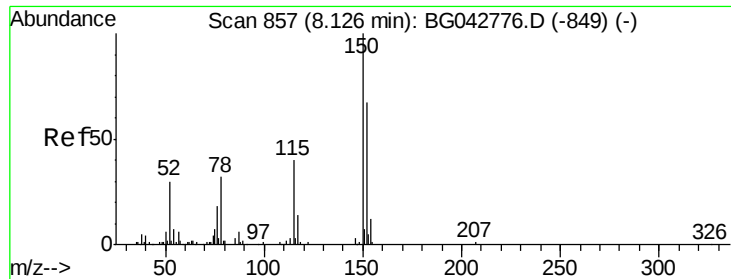
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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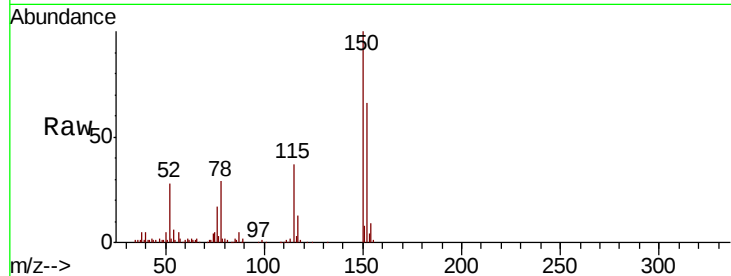


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042806.D
Acq: 13 Sep 2019 7:41

Instrument :
BNA_G
ClientSampleId :
CSA-4-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	118.9	178.3
115	55.9	47.4	71.2

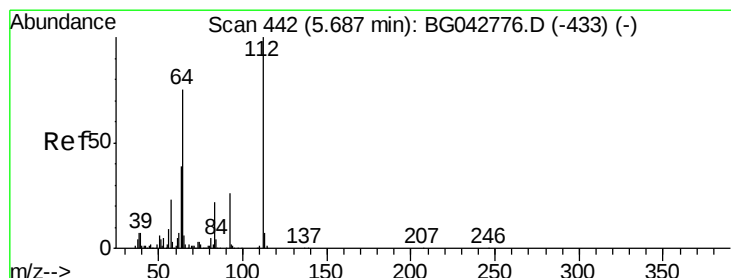
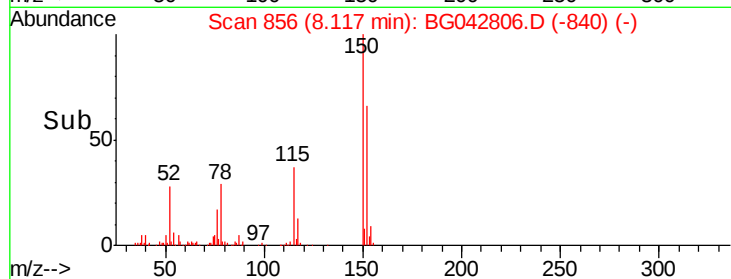
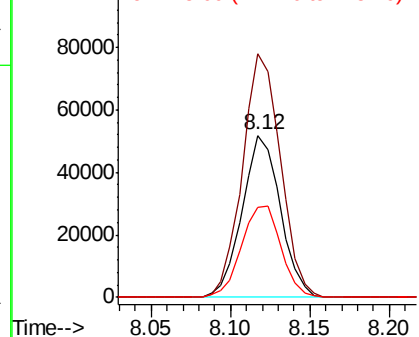


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

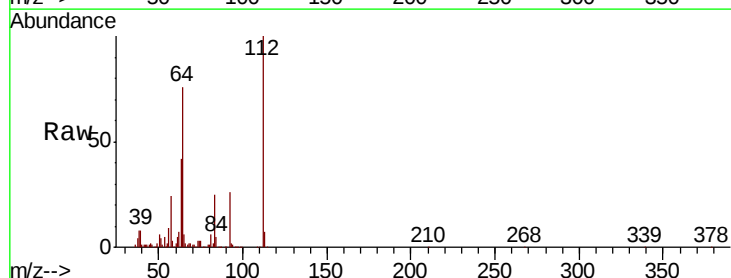
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.136 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042806.D
Acq: 13 Sep 2019 7:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.5	60.2	90.2
63	42.2	31.2	46.8

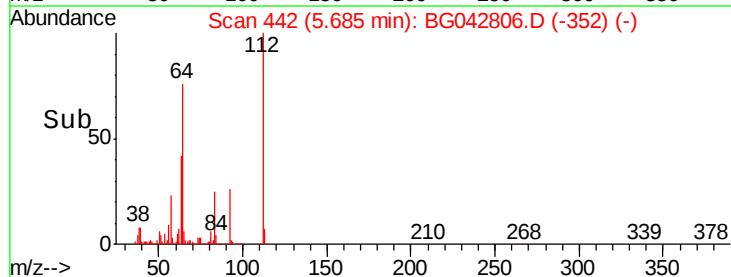
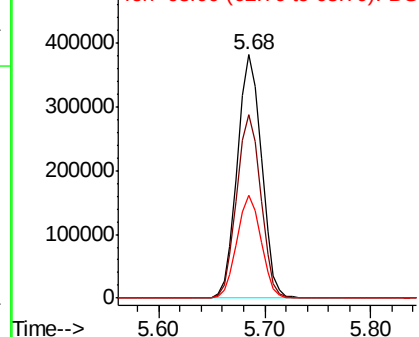


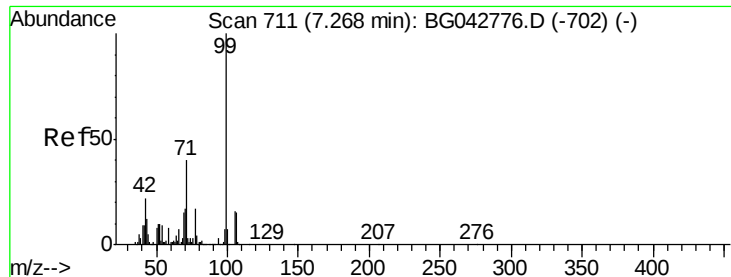
Abundance

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: 110.451 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042806.D

Acq: 13 Sep 2019 7:41

Instrument :

BNA_G

ClientSampleId :

CSA-4-1

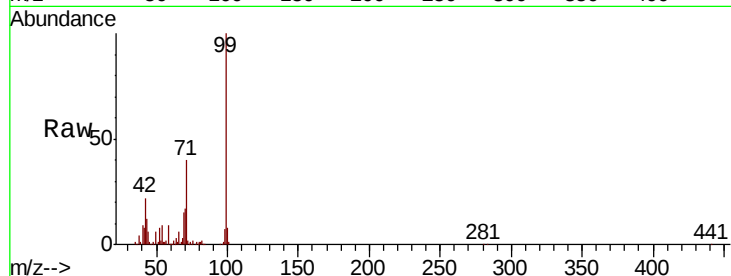
Tot Ion: 99 Resp: 788982

Ion Ratio Lower Upper

99 100

42 22.3 17.5 26.3

71 40.2 32.0 48.0

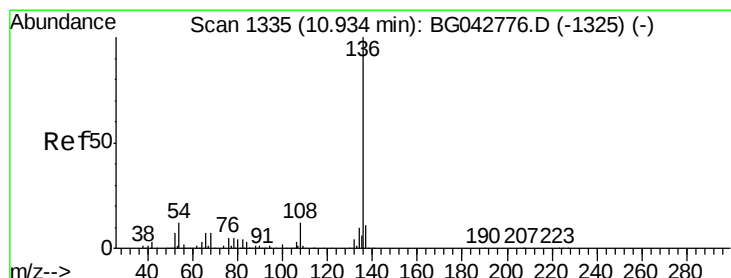
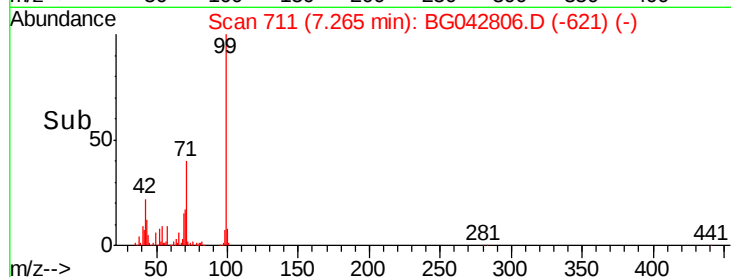
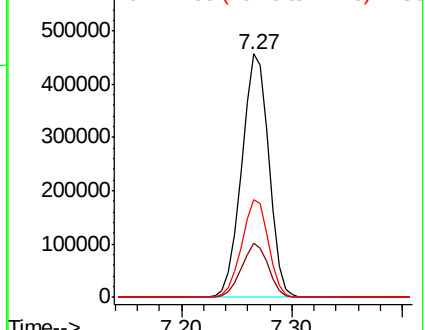


Abundance

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: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042806.D

Acq: 13 Sep 2019 7:41

Tgt Ion: 136 Resp: 325590

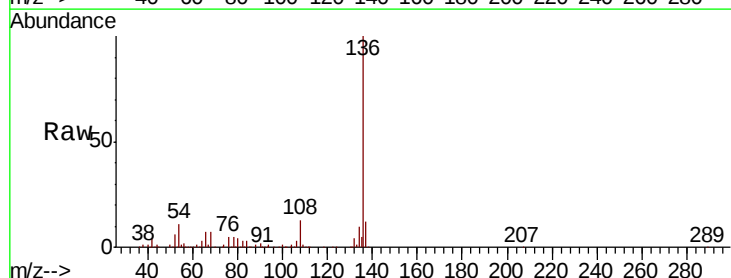
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 10.8 9.4 14.0

68 7.0 5.4 8.2



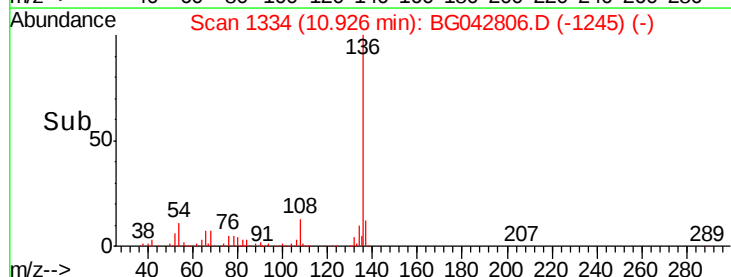
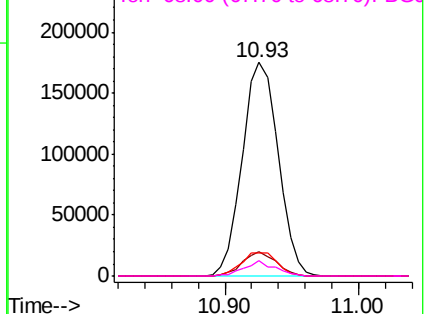
Abundance

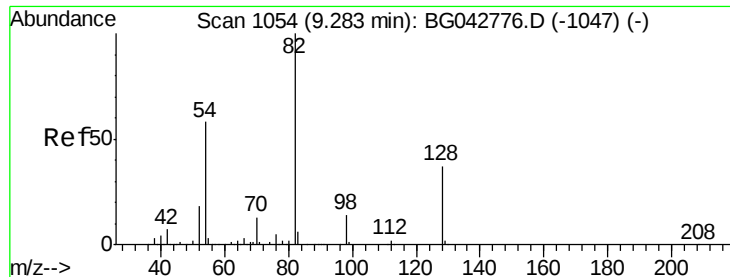
Ion 136.00 (135.70 to 136.70): BGC

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

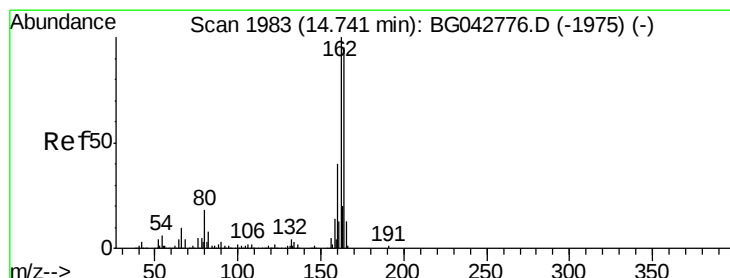
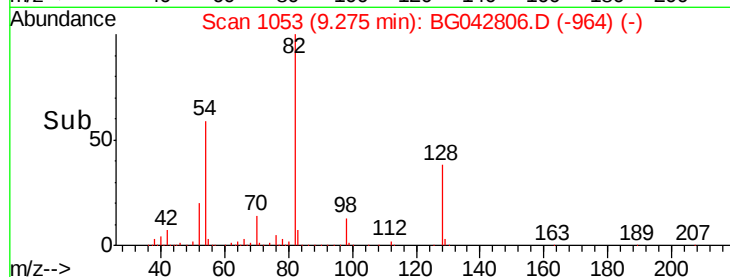
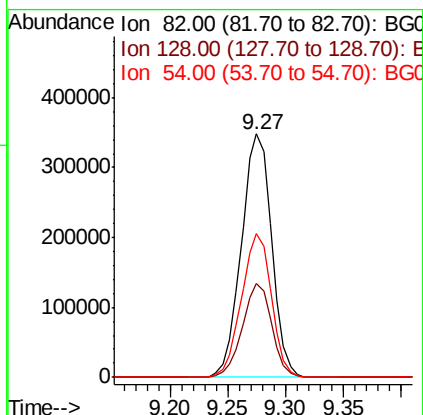
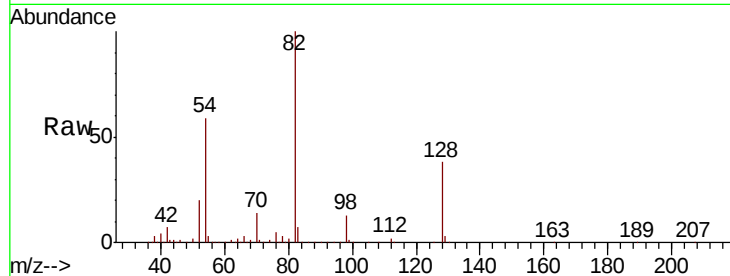




#23
 Nitrobenzene-d5
 Concen: 101.409 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042806.D
 Acq: 13 Sep 2019 7:41

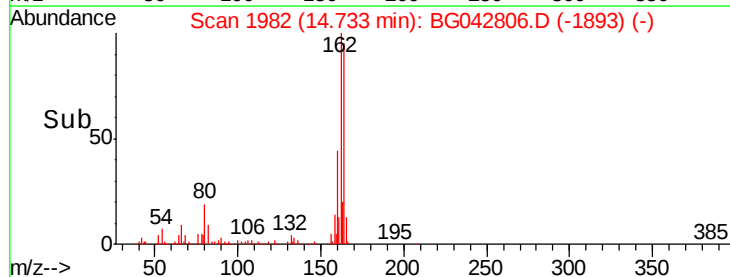
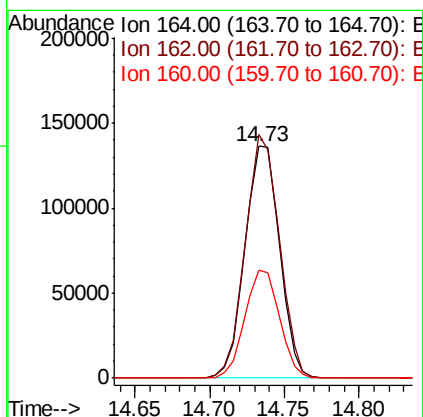
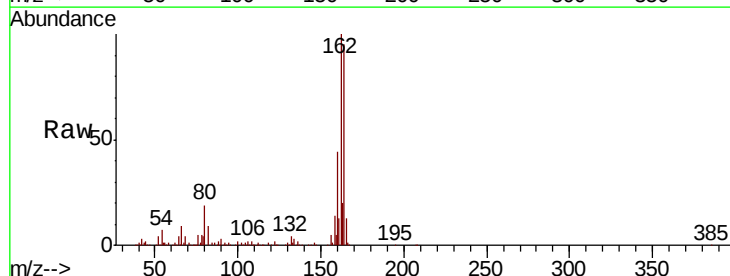
Instrument :
 BNA_G
 ClientSampleId :
 CSA-4-1

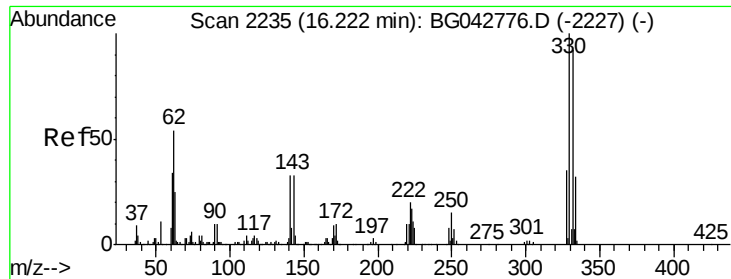
Tot Ion	82	Resp	634193
Ion Ratio	Lower	Upper	
82	100		
128	38.4	29.8	44.8
54	59.1	46.1	69.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG042806.D
 Acq: 13 Sep 2019 7:41

Tgt Ion	164	Resp	218373
Ion Ratio	Lower	Upper	
164	100		
162	105.1	84.6	126.8
160	46.5	34.2	51.2

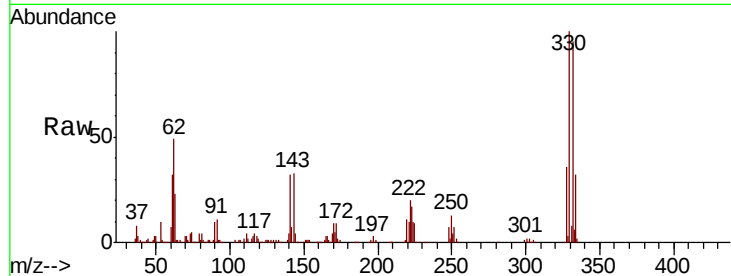




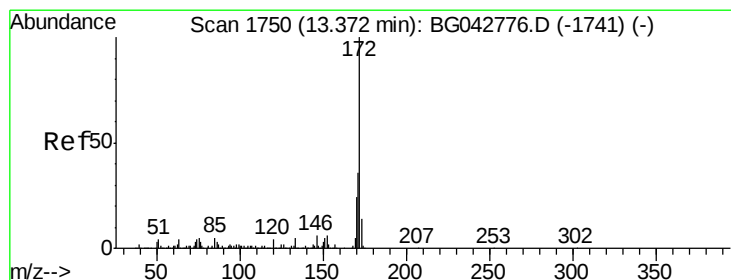
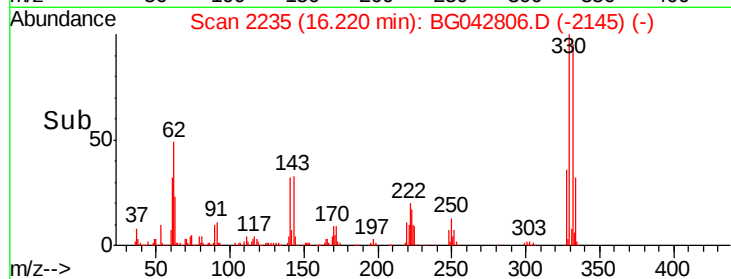
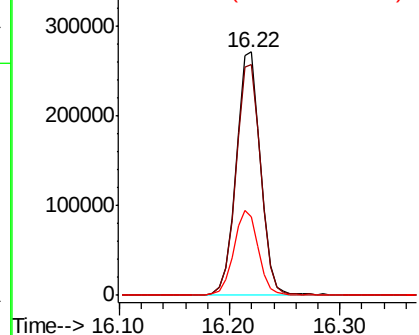
#42
 2,4,6-Tribromophenol
 Concen: 143.911 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042806.D
 Acq: 13 Sep 2019 7:41

Instrument :
 BNA_G
 ClientSampled :
 CSA-4-1

Tot Ion:330 Resp: 418103
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.7 115.1
 141 35.0 27.0 40.6

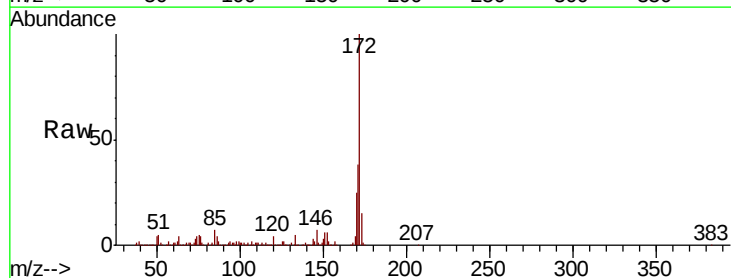


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

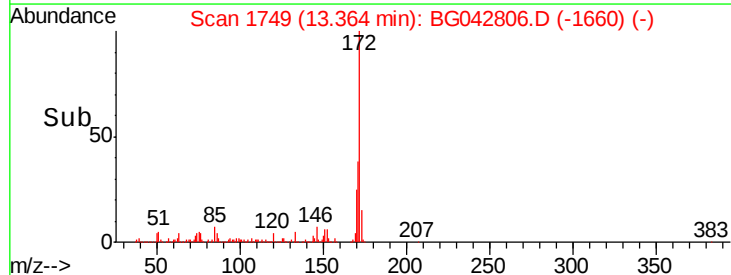
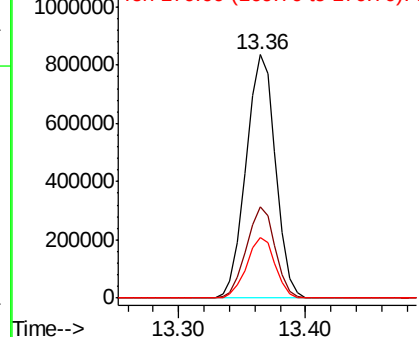


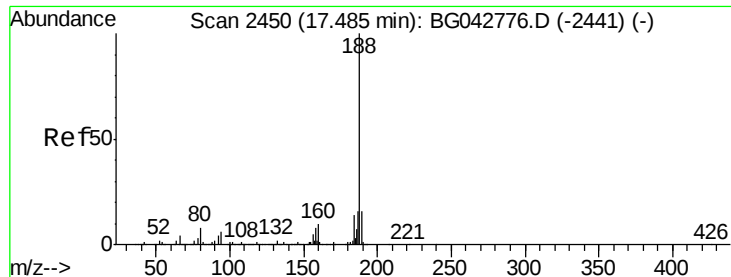
#45
 2-Fluorobiphenyl
 Concen: 97.357 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042806.D
 Acq: 13 Sep 2019 7:41

Tgt Ion:172 Resp: 1343087
 Ion Ratio Lower Upper
 172 100
 171 37.5 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042806.D

Acq: 13 Sep 2019 7:41

Instrument :

BNA_G

ClientSampleId :

CSA-4-1

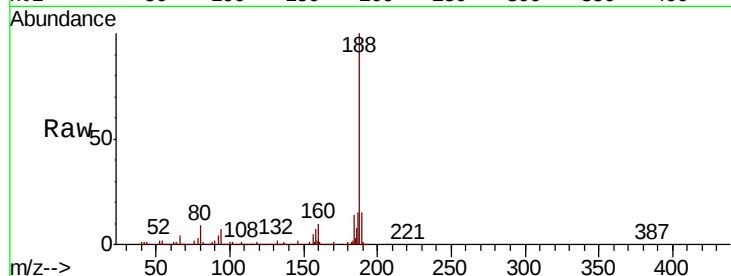
Tot Ion:188 Resp: 521219

Ion Ratio Lower Upper

188 100

94 7.2 4.8 7.2#

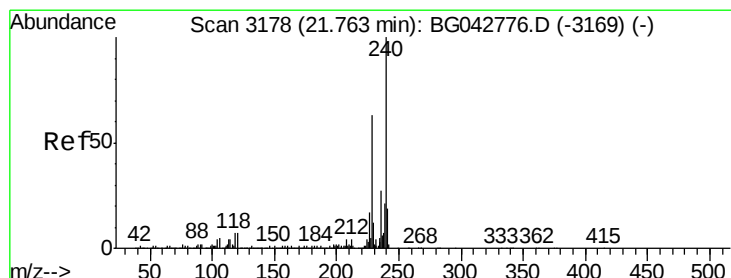
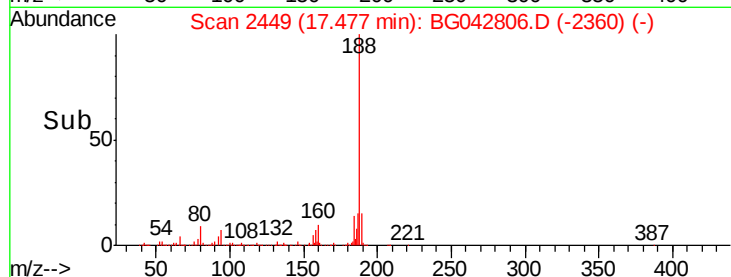
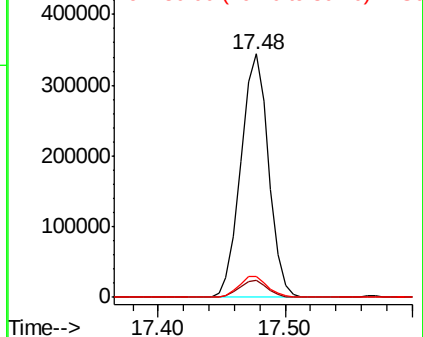
80 8.5 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042806.D

Acq: 13 Sep 2019 7:41

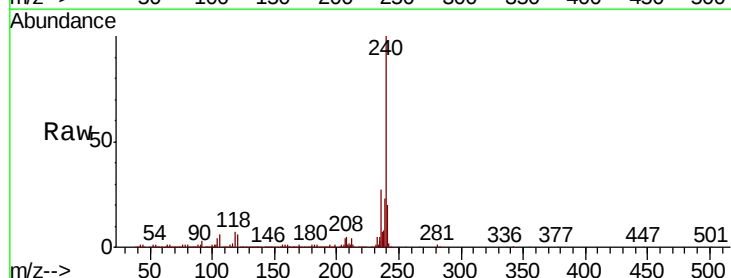
Tgt Ion:240 Resp: 536127

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.2

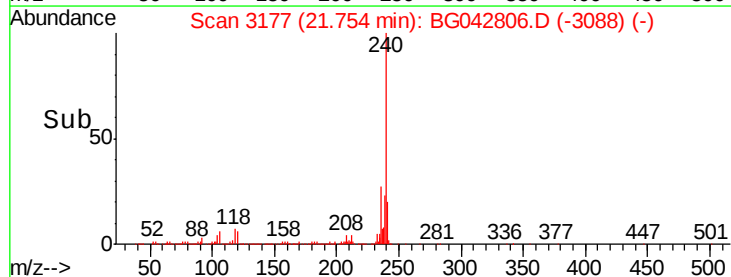
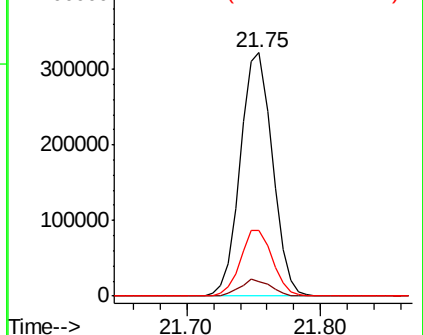
236 26.8 21.7 32.5

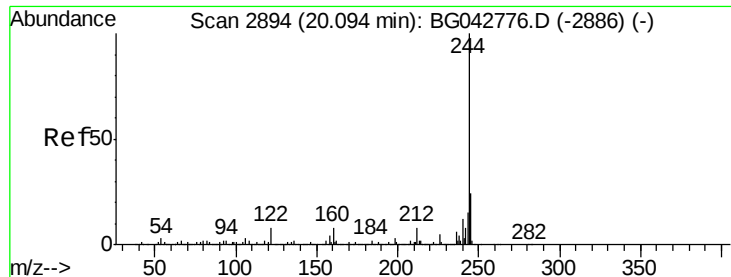


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.529 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042806.D

Acq: 13 Sep 2019 7:41

Instrument :

BNA_G

ClientSampleId :

CSA-4-1

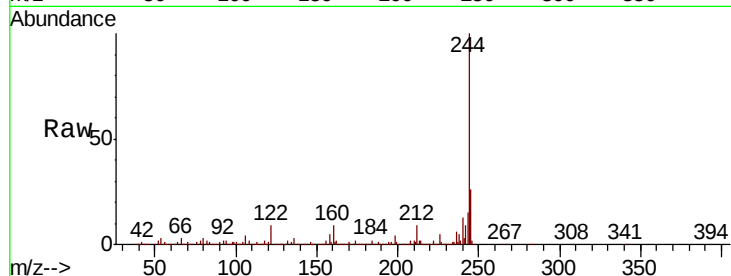
Tot Ion:244 Resp: 2335067

Ion Ratio Lower Upper

244 100

212 9.3 6.6 10.0

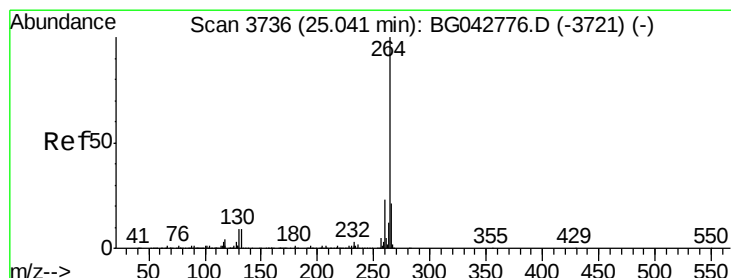
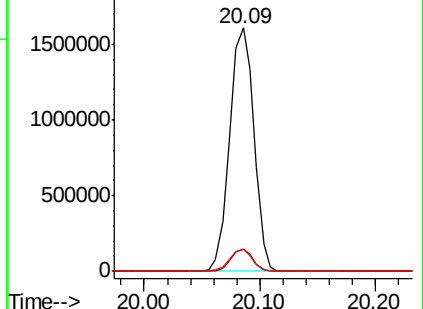
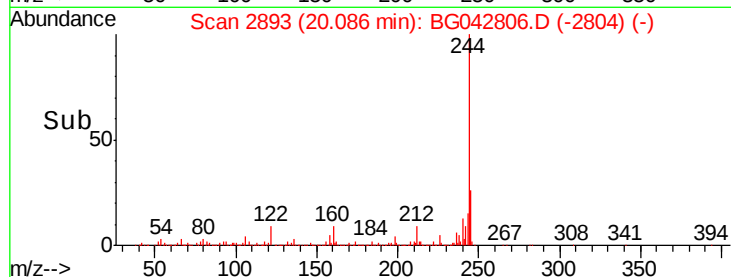
122 9.2 6.2 9.4



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: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042806.D

Acq: 13 Sep 2019 7:41

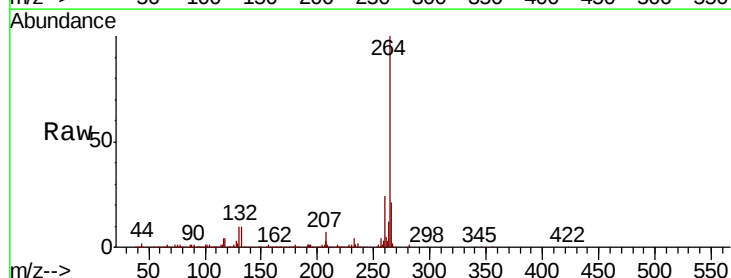
Tgt Ion:264 Resp: 580125

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 21.3 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

