

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043421.D
 Acq On : 31 Oct 2019 4:29
 Operator : JU
 Sample : K5576-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-8

Quant Time: Oct 31 08:33:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

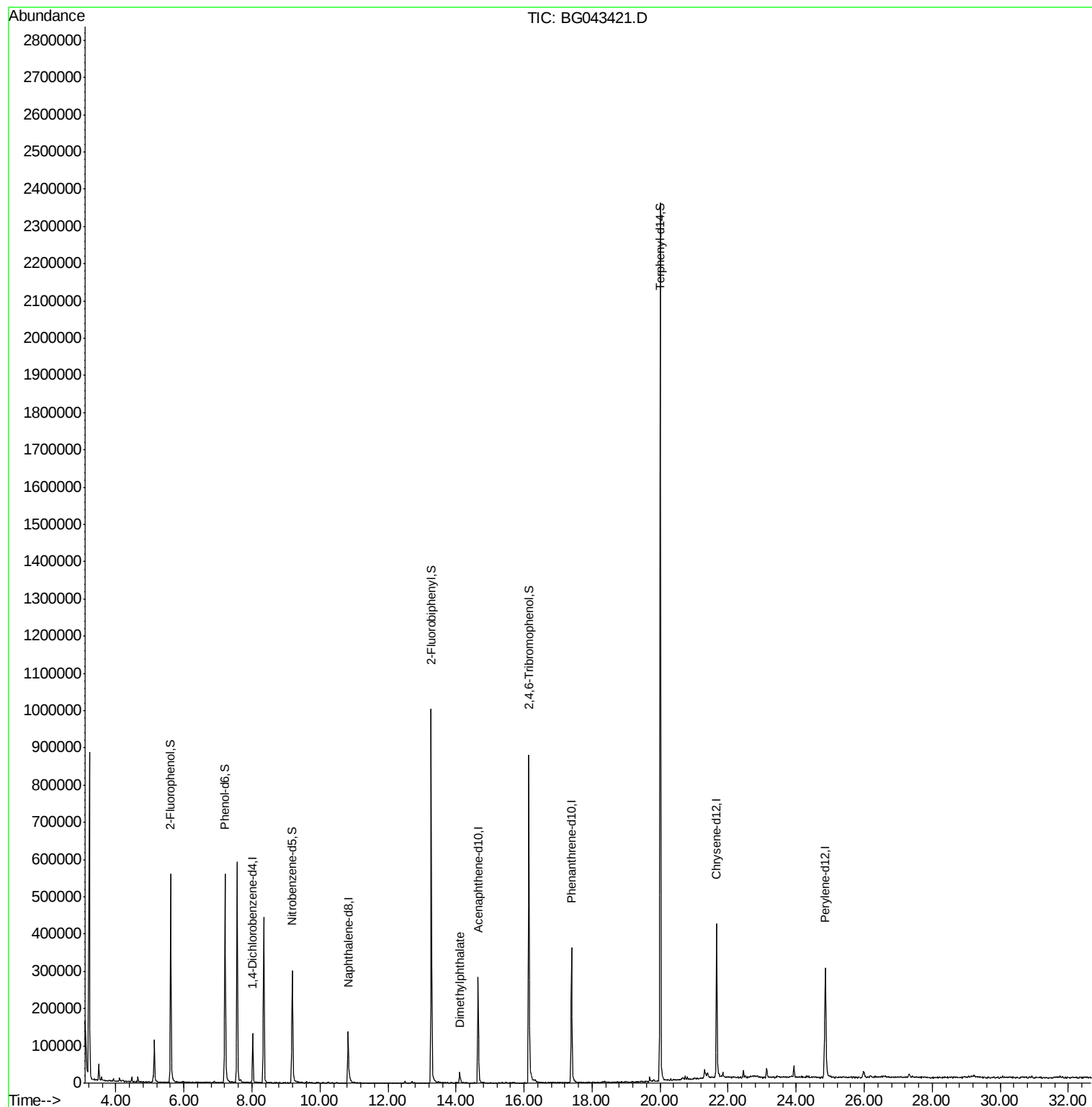
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41613	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	142888	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	114737	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	263914	20.00	ng	0.00
76) Chrysene-d12	21.66	240	295100	20.00	ng	0.00
87) Perylene-d12	24.86	264	345541	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	254673	112.15	ng	0.00
7) Phenol-d6	7.21	99	355088	108.68	ng	0.00
23) Nitrobenzene-d5	9.19	82	217875	78.61	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	231438	106.00	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	604133	72.76	ng	0.00
79) Terphenyl-d14	20.00	244	1295930	82.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	28866	3.248	ng	Qvalue # 95

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

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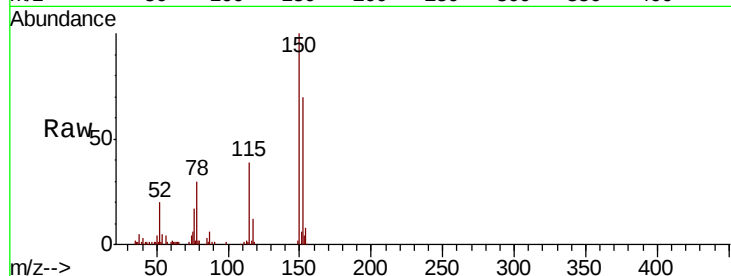


#1

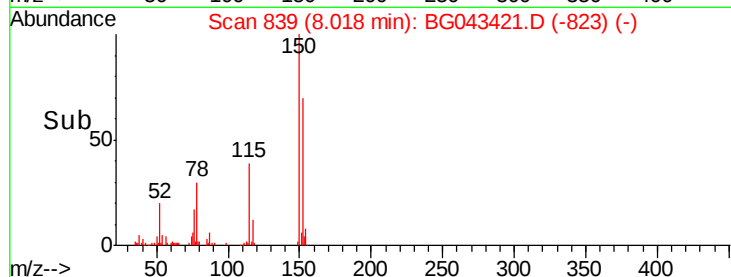
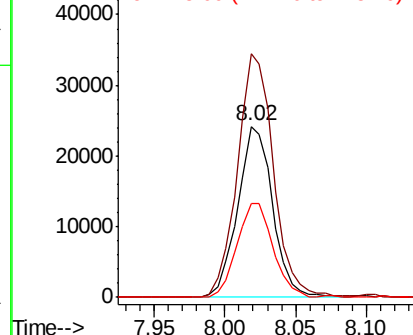
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043421.D
Acq: 31 Oct 2019 4:29

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-8

Tot Ion:152 Resp: 41613
Ion Ratio Lower Upper
152 100
150 142.6 113.6 170.4
115 55.1 45.9 68.9



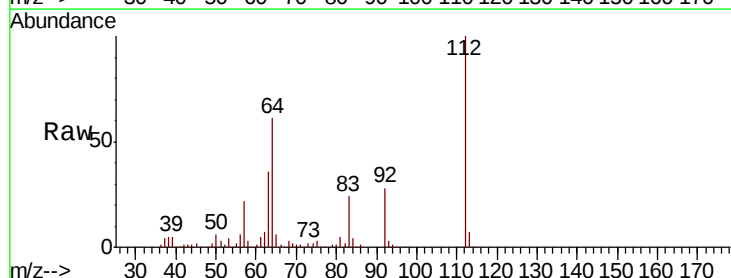
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



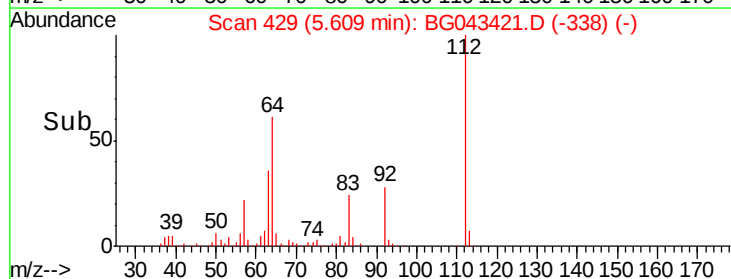
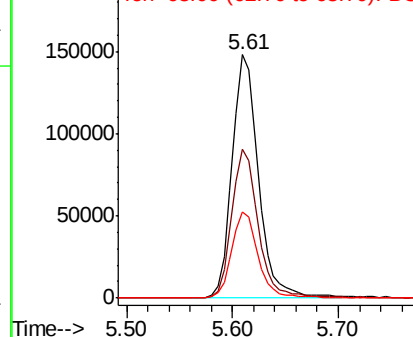
#5

2-Fluorophenol
Concen: 112.146 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043421.D
Acq: 31 Oct 2019 4:29

Tgt Ion:112 Resp: 254673
Ion Ratio Lower Upper
112 100
64 61.2 50.2 75.2
63 35.6 26.7 40.1



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: 108.680 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043421.D

Acq: 31 Oct 2019 4:29

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-8

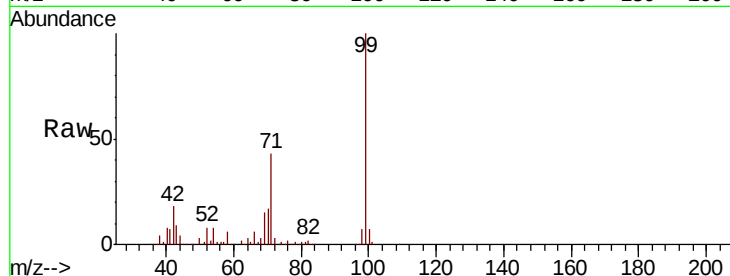
Tot Ion: 99 Resp: 355088

Ion Ratio Lower Upper

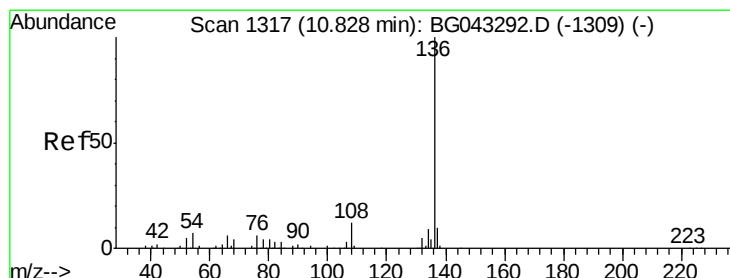
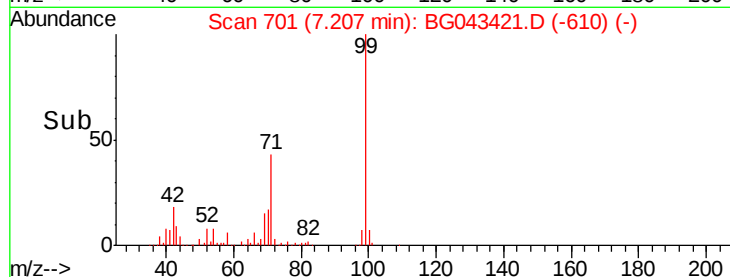
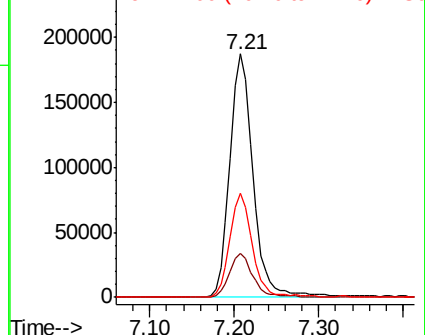
99 100

42 18.2 14.9 22.3

71 42.8 32.2 48.2



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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043421.D

Acq: 31 Oct 2019 4:29

Tgt Ion: 136 Resp: 142888

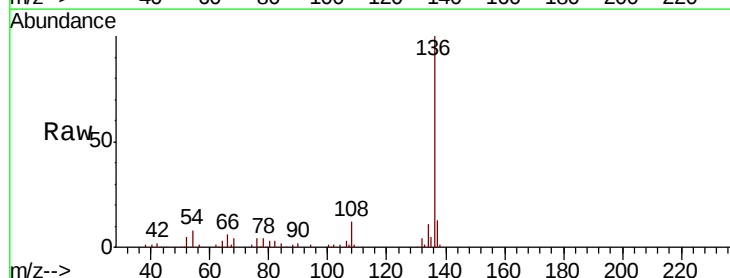
Ion Ratio Lower Upper

136 100

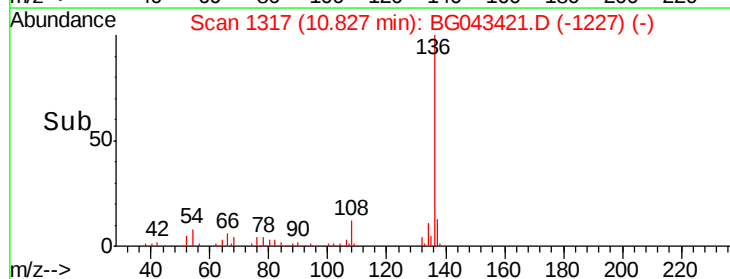
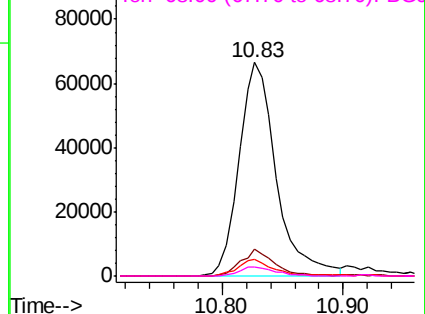
137 12.9 8.2 12.2#

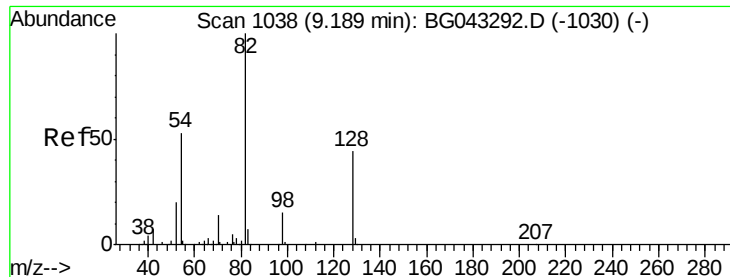
54 7.7 5.4 8.2

68 4.2 3.3 4.9



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

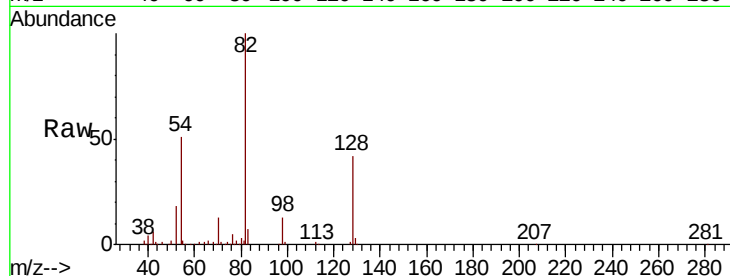




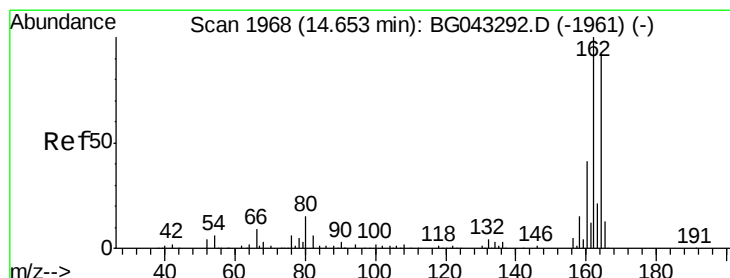
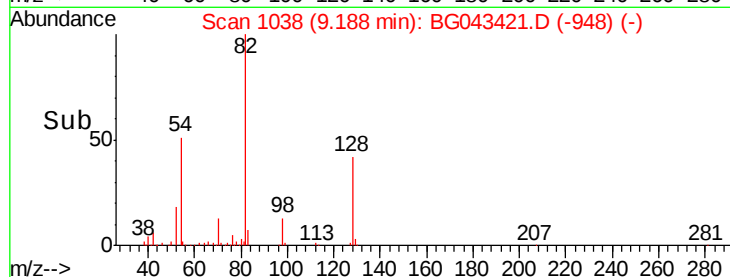
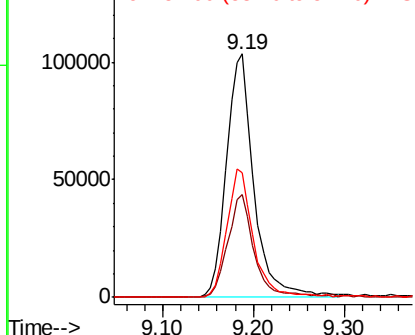
#23
Nitrobenzene-d5
Concen: 78.610 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043421.D
Acq: 31 Oct 2019 4:29

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-8

Tot Ion	82	Resp	217875
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.3	52.9
54	51.1	42.3	63.5

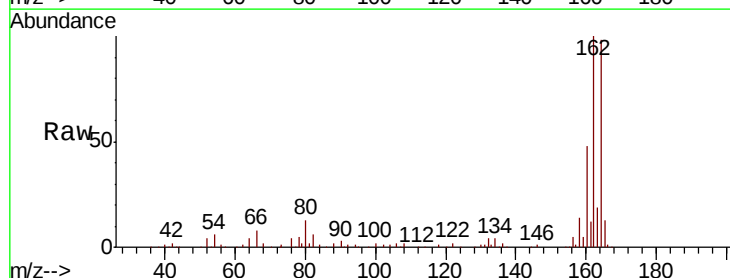


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

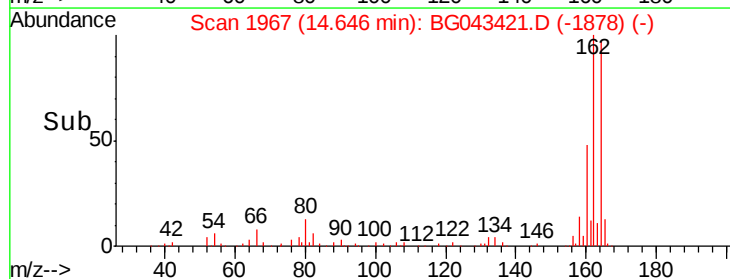
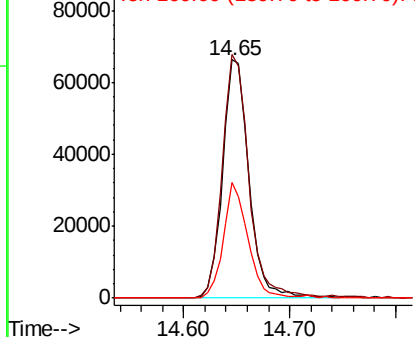


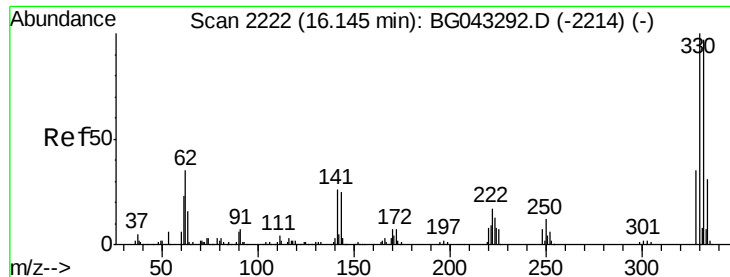
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043421.D
Acq: 31 Oct 2019 4:29

Tgt Ion	164	Resp	114737
Ion Ratio	Lower	Upper	
164	100		
162	102.1	87.0	130.4
160	48.7	35.5	53.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

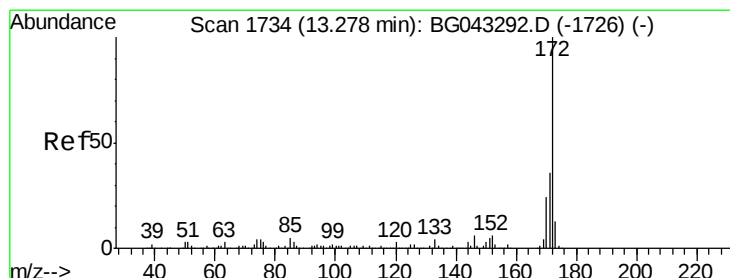
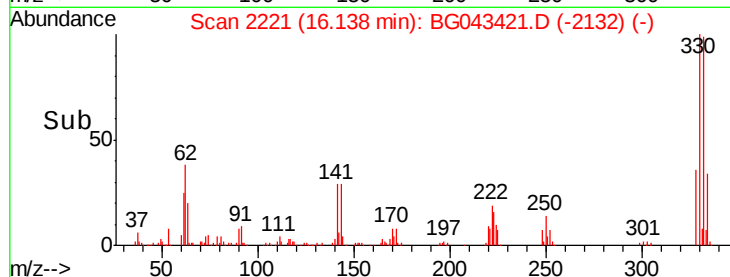
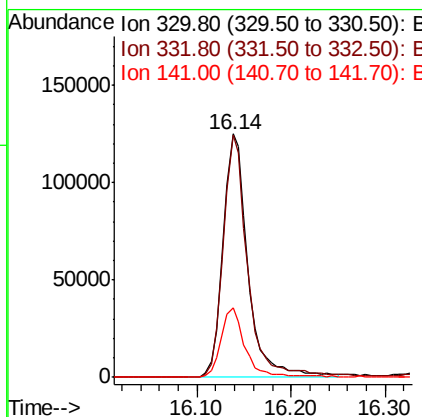
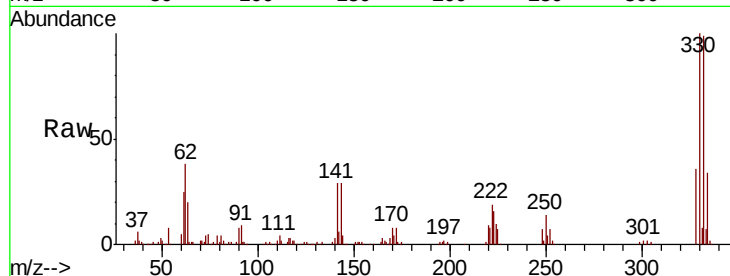




#42
 2,4,6-Tribromophenol
 Concen: 105.997 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043421.D
 Acq: 31 Oct 2019 4:29

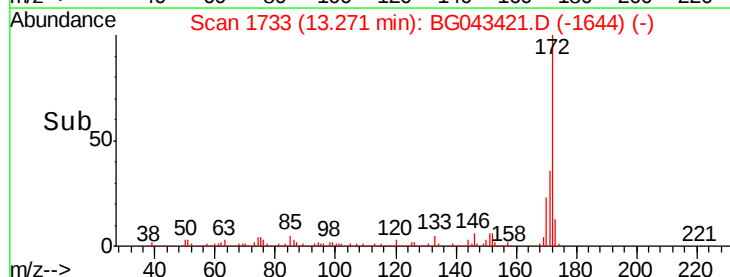
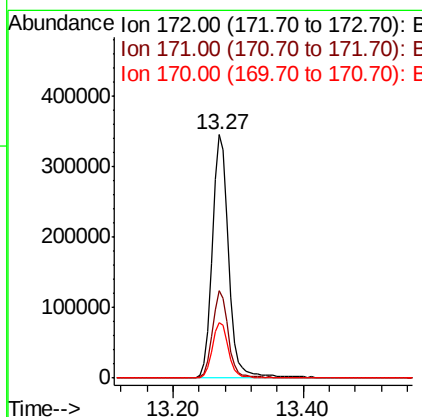
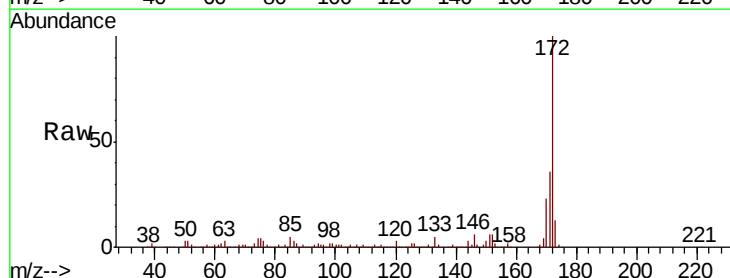
Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-8

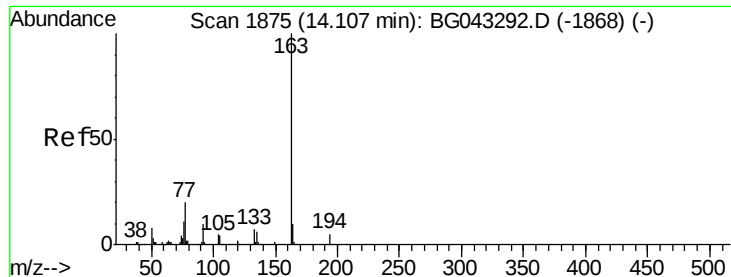
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.4	114.6
141	27.4	21.4	32.0



#45
 2-Fluorobiphenyl
 Concen: 72.757 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043421.D
 Acq: 31 Oct 2019 4:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.0	18.8	28.2

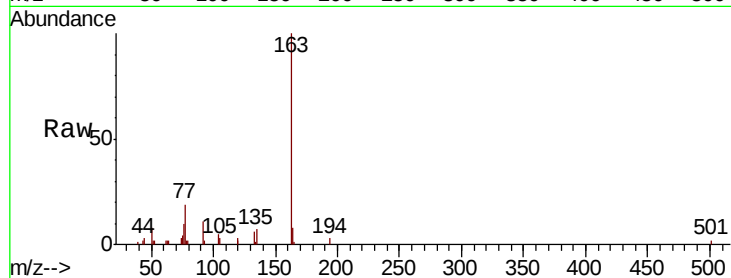




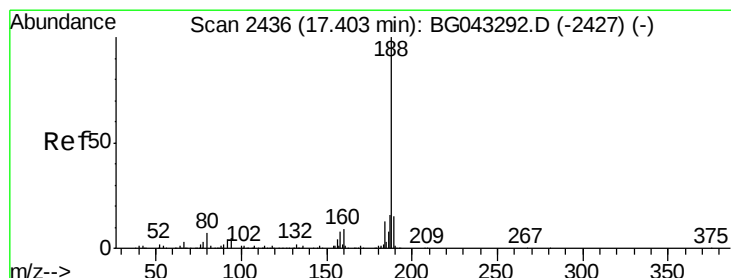
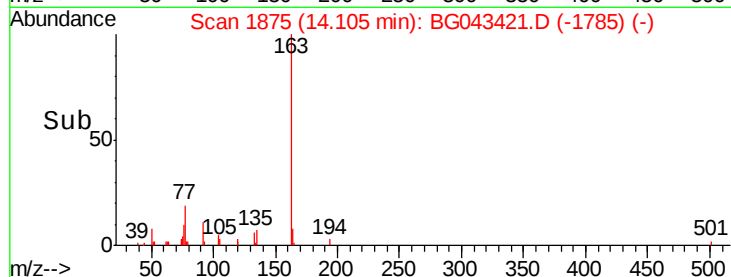
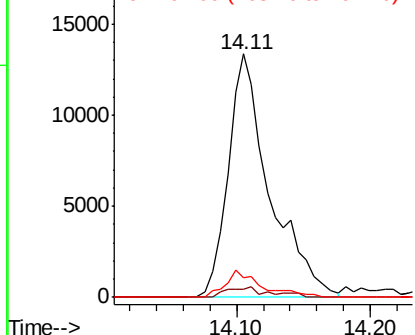
#50
Dimethylphthalate
Concen: 3.248 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043421.D
Acq: 31 Oct 2019 4:29

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-8

Tot Ion:163 Resp: 28866
Ion Ratio Lower Upper
163 100
194 3.3 3.7 5.5#
164 8.1 8.1 12.1

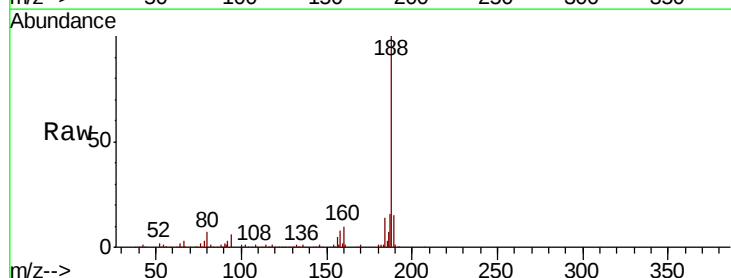


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

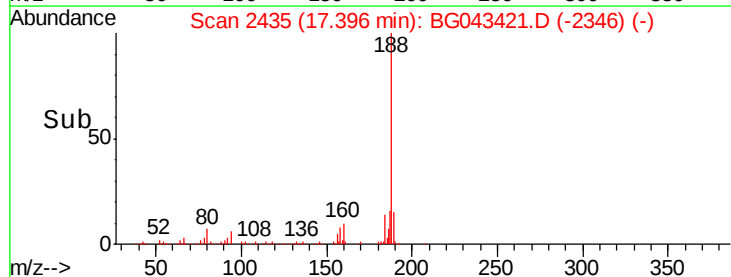
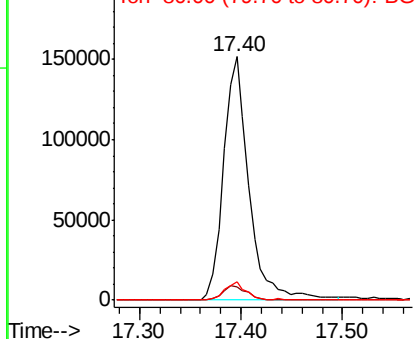


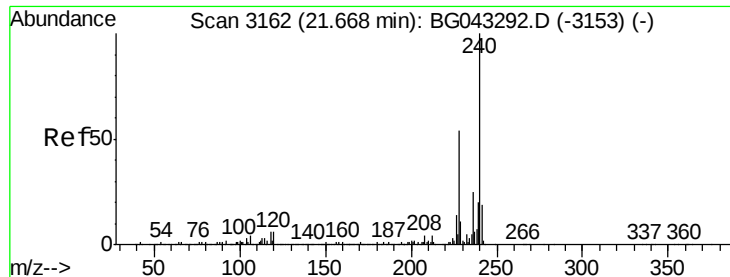
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043421.D
Acq: 31 Oct 2019 4:29

Tgt Ion:188 Resp: 263914
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.2
80 7.3 5.2 7.8



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043421.D

Acq: 31 Oct 2019 4:29

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-8

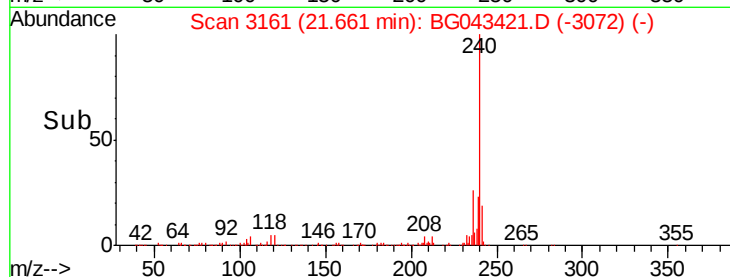
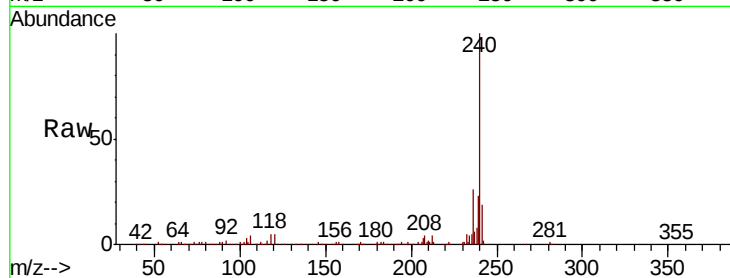
Tot Ion:240 Resp: 295100

Ion Ratio Lower Upper

240 100

120 5.4 4.6 7.0

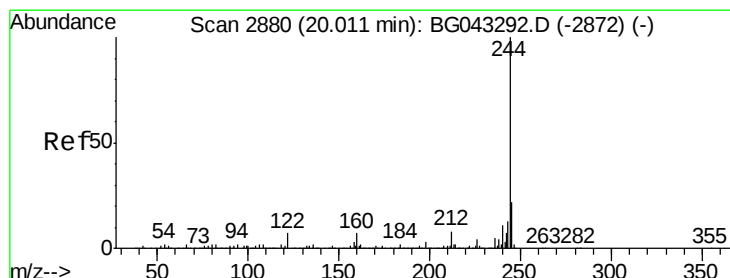
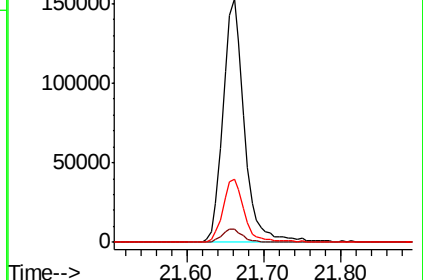
236 26.2 20.2 30.4



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: 82.387 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043421.D

Acq: 31 Oct 2019 4:29

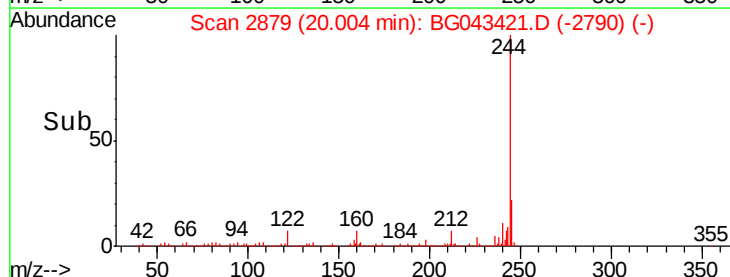
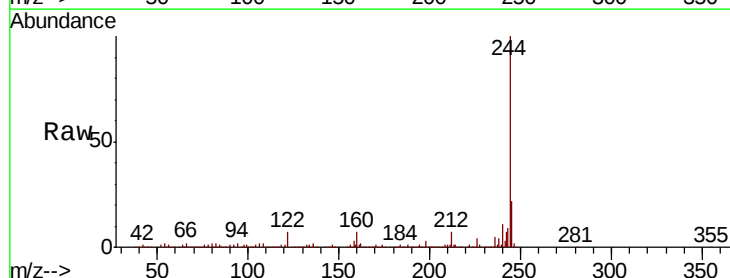
Tgt Ion:244 Resp: 1295930

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

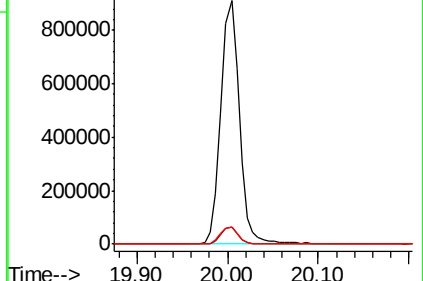
122 6.9 5.3 7.9

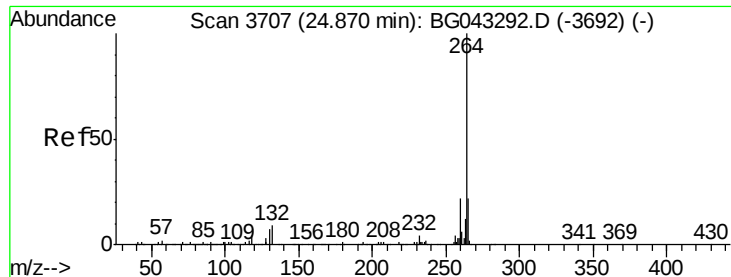


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043421.D
 Acq: 31 Oct 2019 4:29

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-8

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	17.9	26.9	
265	20.9	17.4	26.2	

