

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043395.D
 Acq On : 30 Oct 2019 5:53
 Operator : JU
 Sample : K5564-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Oct 30 09:19:50 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	8.03	152	44122	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	162166	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115068	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	265113	20.00	ng	0.00
76) Chrysene-d12	21.66	240	296387	20.00	ng	0.00
87) Perylene-d12	24.85	264	351160	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	329716	136.94	ng	0.01
7) Phenol-d6	7.21	99	437657	126.33	ng	0.01
23) Nitrobenzene-d5	9.19	82	280841	89.28	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	258822	118.20	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	750859	90.17	ng	0.00
79) Terphenyl-d14	20.01	244	1480438	93.71	ng	0.00

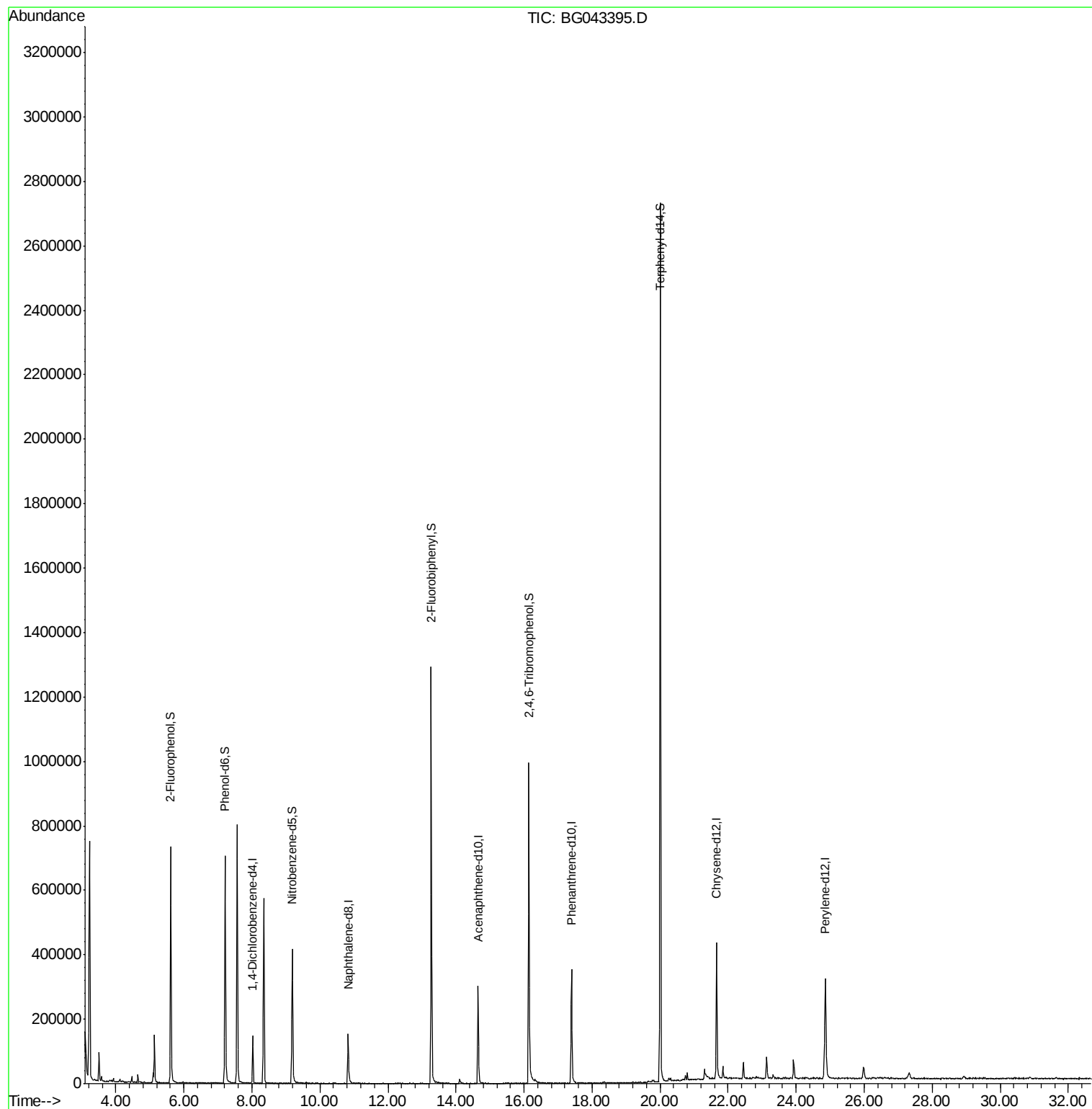
Target Compounds Qvalue

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

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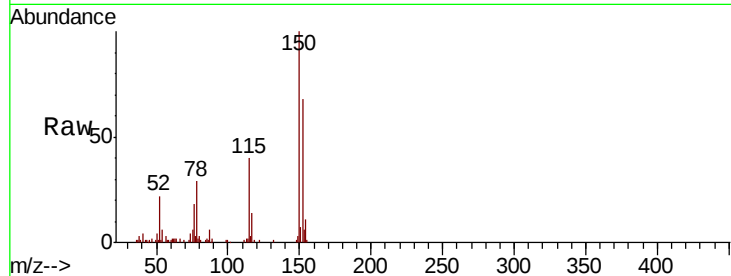


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	113.6	170.4
115	58.5	45.9	68.9

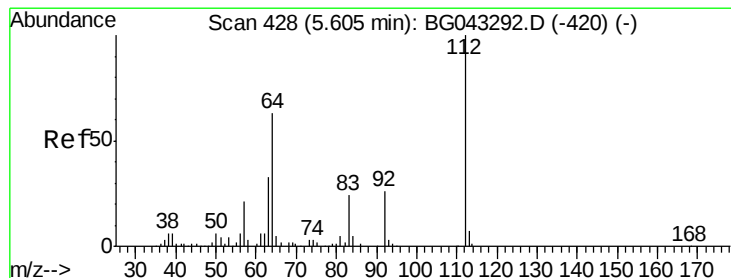
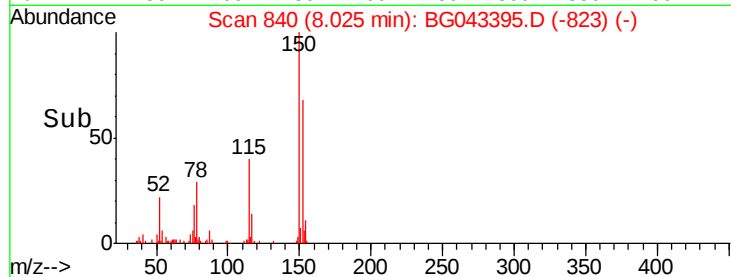
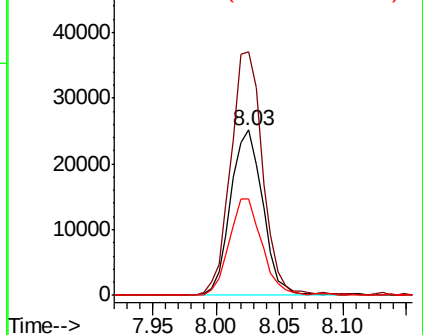


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

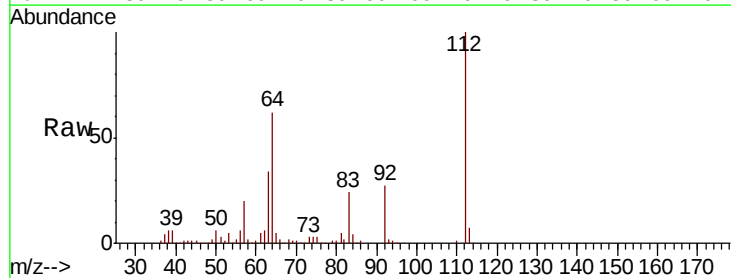
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.936 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	50.2	75.2
63	34.4	26.7	40.1

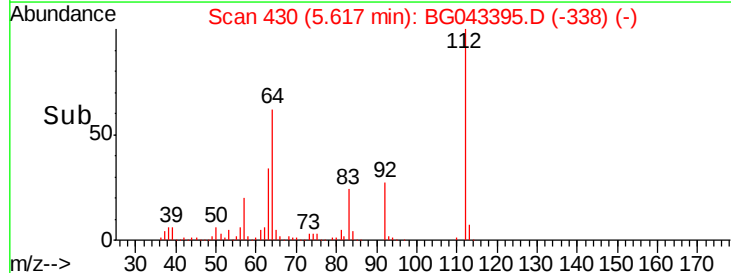
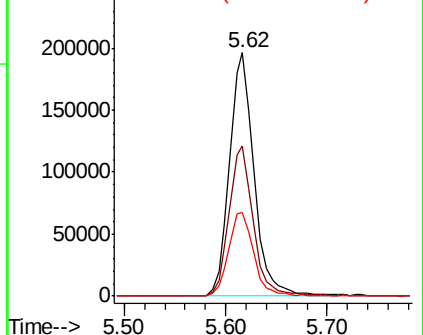


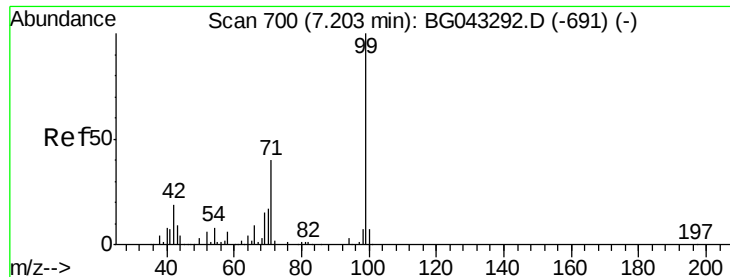
Abundance

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: 126.334 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043395.D

Acq: 30 Oct 2019 5:53

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-2

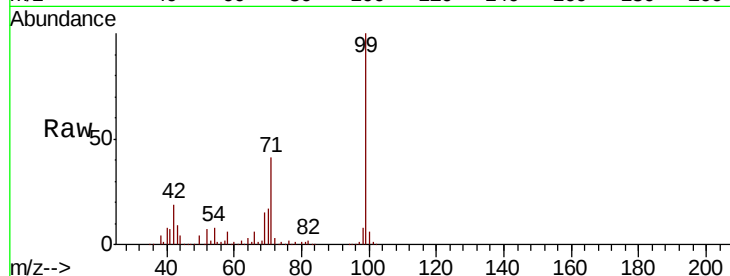
Tot Ion: 99 Resp: 437657

Ion Ratio Lower Upper

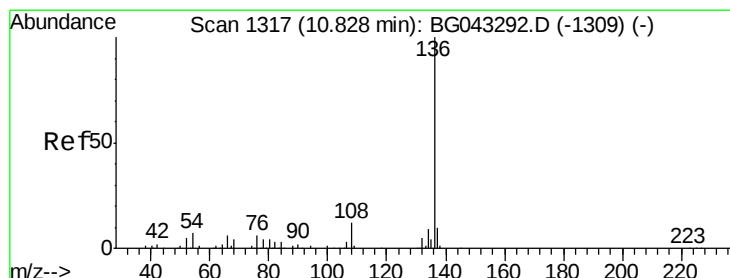
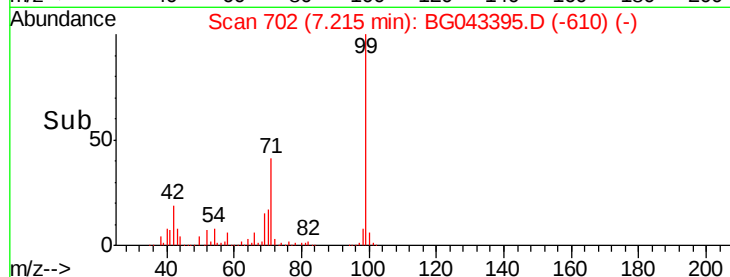
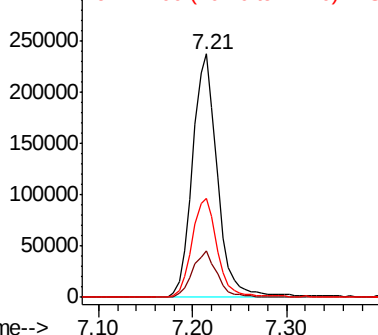
99 100

42 19.3 14.9 22.3

71 40.5 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: BG043395.D

Acq: 30 Oct 2019 5:53

Tgt Ion: 136 Resp: 162166

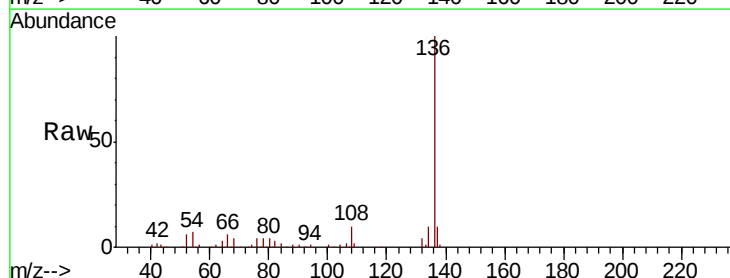
Ion Ratio Lower Upper

136 100

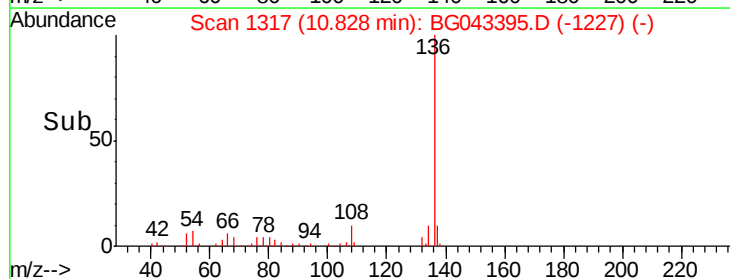
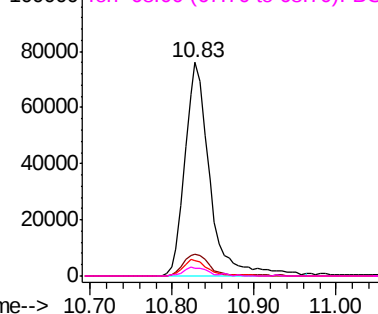
137 9.9 8.2 12.2

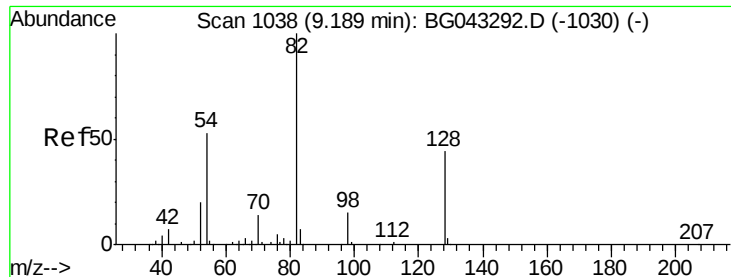
54 7.0 5.4 8.2

68 3.8 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

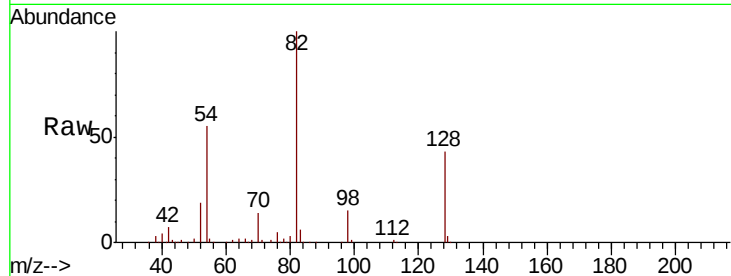




#23
Nitrobenzene-d5
Concen: 89.283 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

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

Tot Ion	82.00	Resp	280841
Ion Ratio	Lower	Upper	
82	100		
128	42.5	35.3	52.9
54	54.8	42.3	63.5

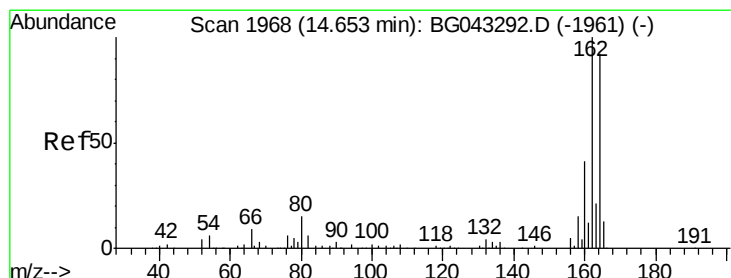
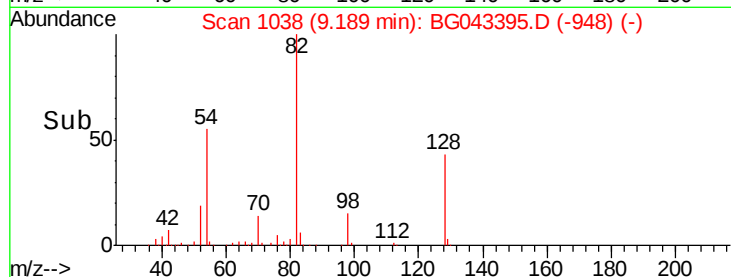
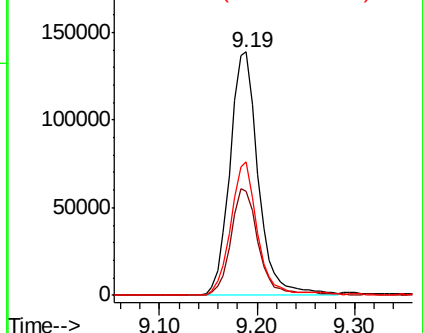


Abundance

Ion 82.00 (81.70 to 82.70): BGC

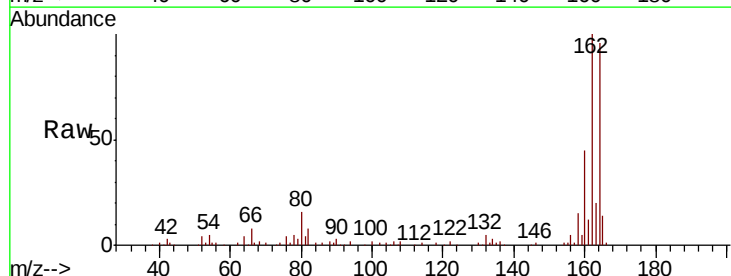
Ion 128.00 (127.70 to 128.70): BGC

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: BG043395.D
Acq: 30 Oct 2019 5:53

Tgt Ion	164	Resp	115068
Ion Ratio	Lower	Upper	
164	100		
162	103.7	87.0	130.4
160	46.8	35.5	53.3

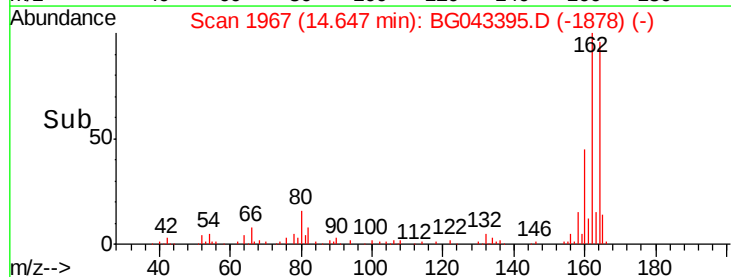
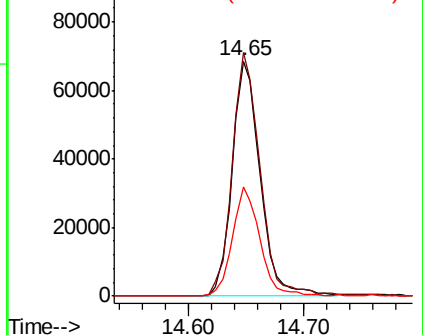


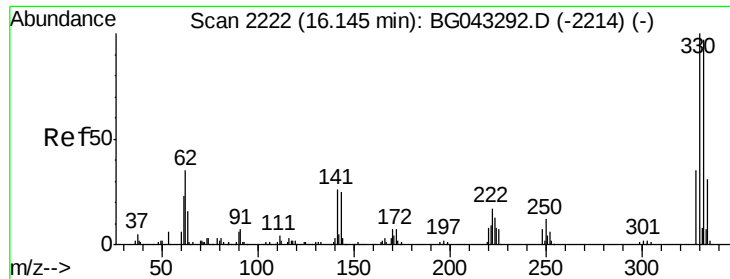
Abundance

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

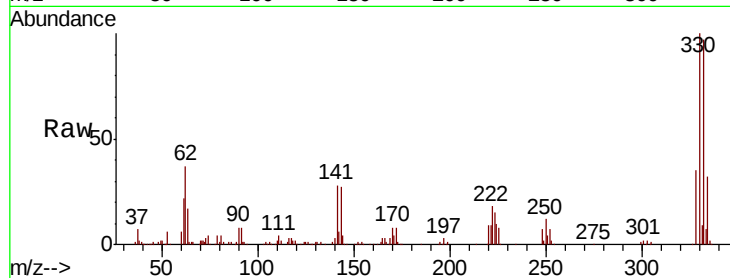




#42
 2,4,6-Tribromophenol
 Concen: 118.197 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043395.D
 Acq: 30 Oct 2019 5:53

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.4	114.6
141	27.6	21.4	32.0

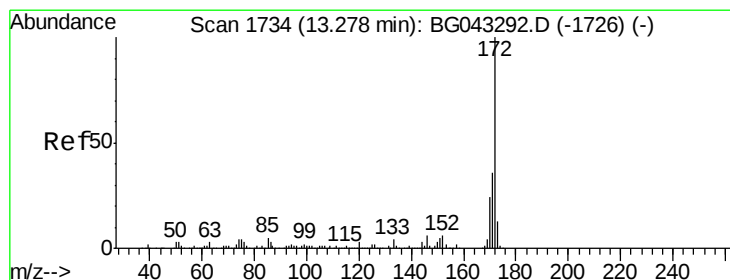
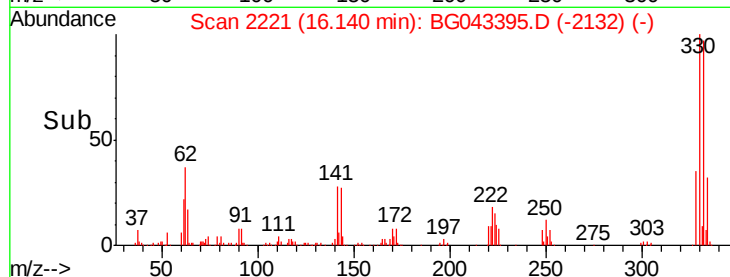
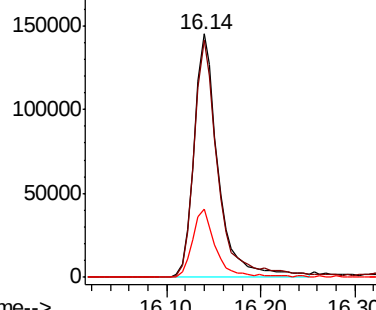


Abundance

Ion 329.80 (329.50 to 330.50): E

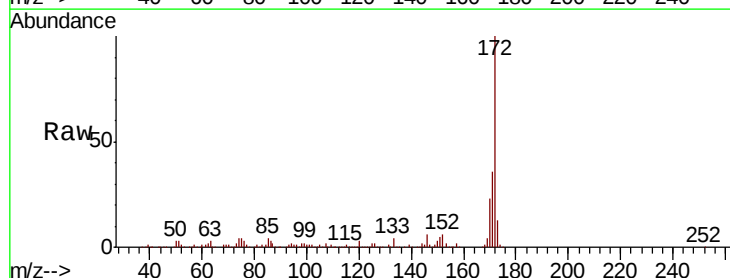
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.168 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043395.D
 Acq: 30 Oct 2019 5:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.5	18.8	28.2

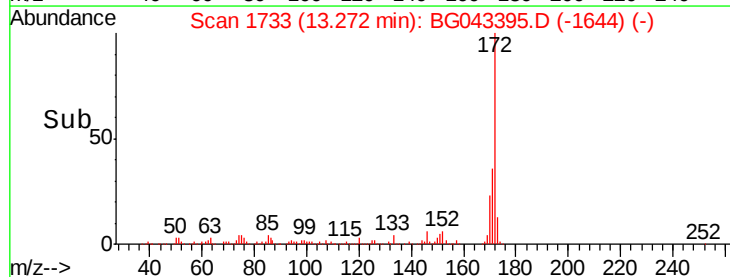
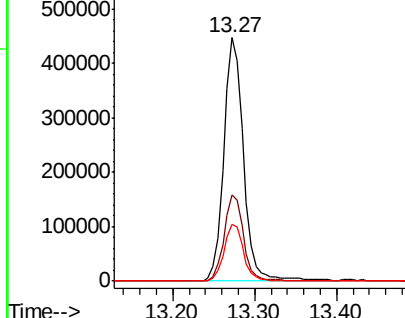


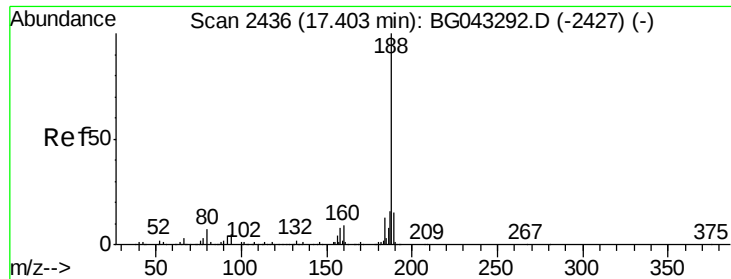
Abundance

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043395.D

Acq: 30 Oct 2019 5:53

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-2

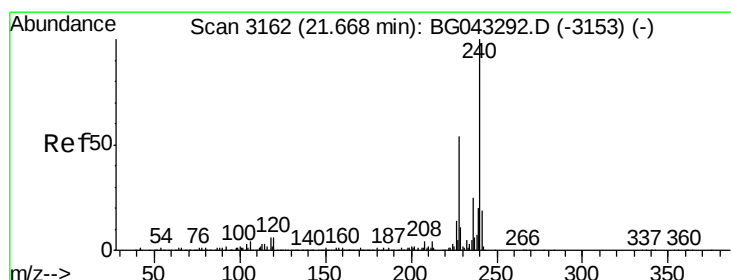
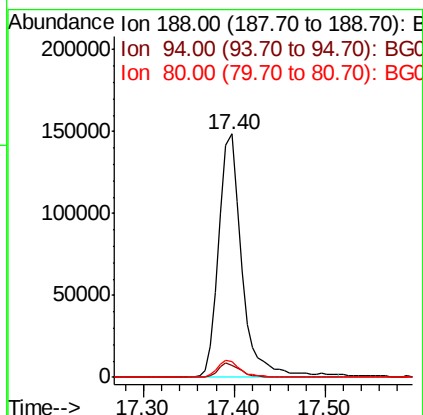
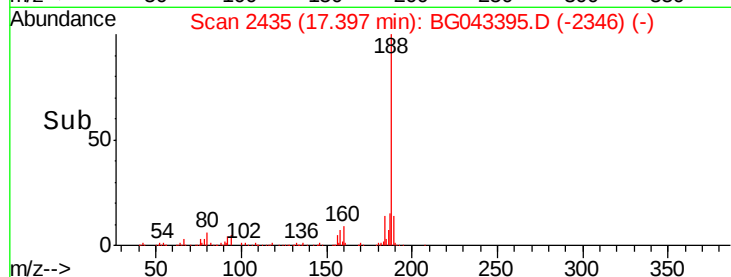
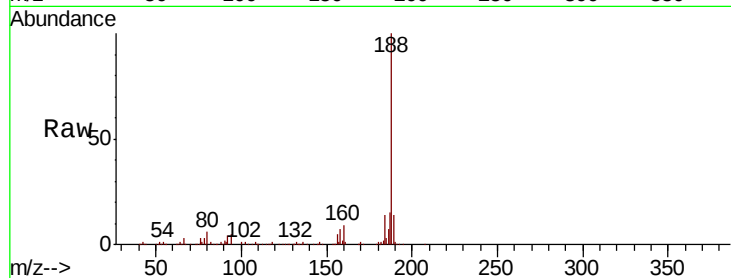
Tot Ion:188 Resp: 265113

Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

80 6.4 5.2 7.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043395.D

Acq: 30 Oct 2019 5:53

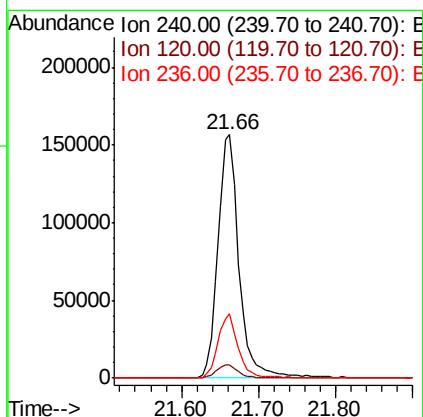
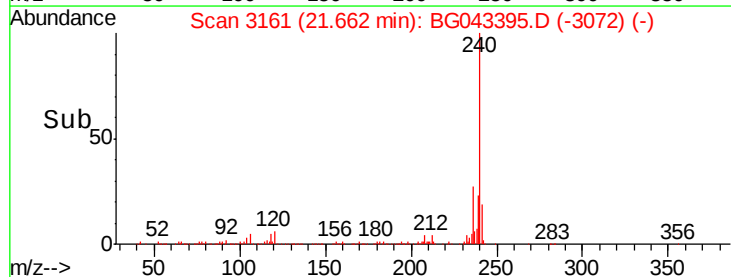
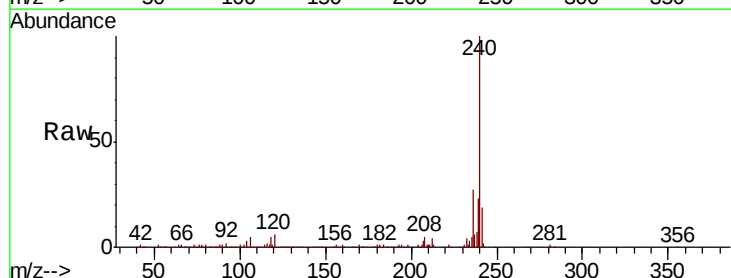
Tgt Ion:240 Resp: 296387

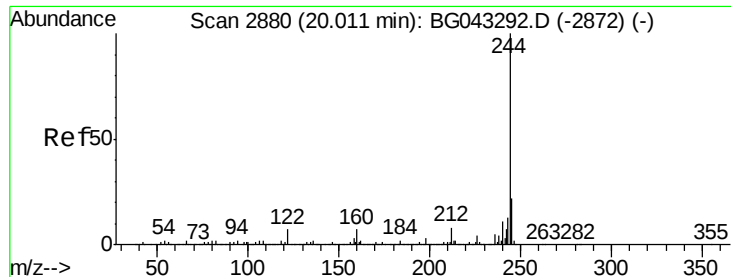
Ion Ratio Lower Upper

240 100

120 5.5 4.6 7.0

236 26.6 20.2 30.4





#79

Terphenyl-d14

Concen: 93.708 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043395.D

Acq: 30 Oct 2019 5:53

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-2

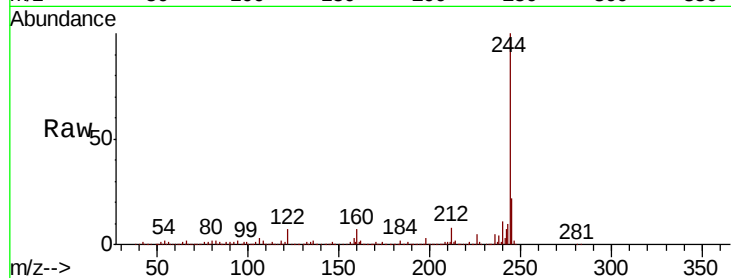
Tot Ion:244 Resp: 1480438

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

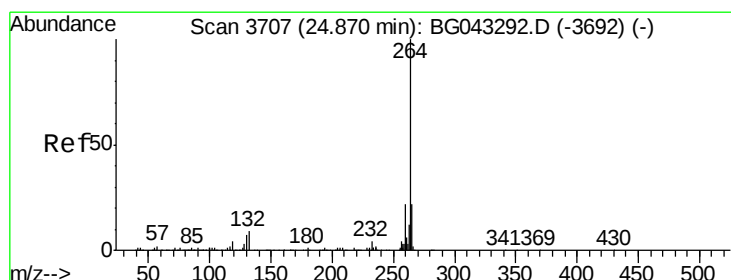
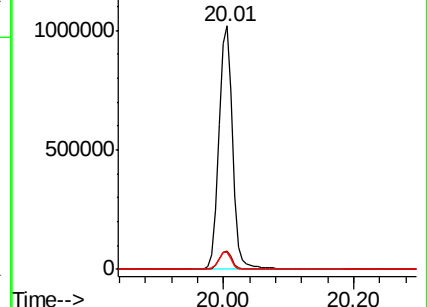
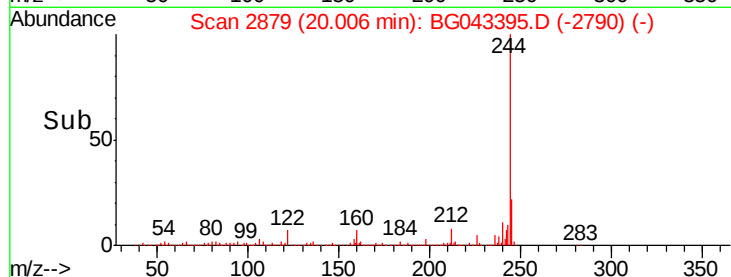
122 7.1 5.3 7.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043395.D

Acq: 30 Oct 2019 5:53

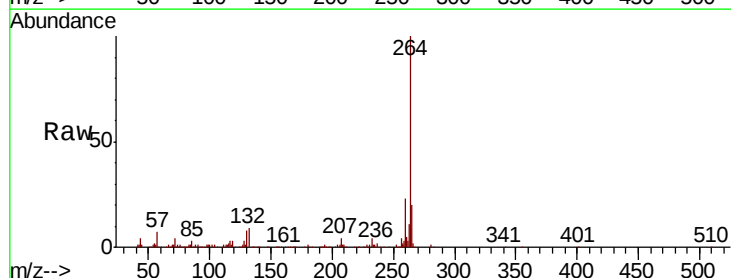
Tgt Ion:264 Resp: 351160

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 20.2 17.4 26.2



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

