

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043398.D
 Acq On : 30 Oct 2019 7:49
 Operator : JU
 Sample : K5576-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-5

Quant Time: Oct 30 09:24:59 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

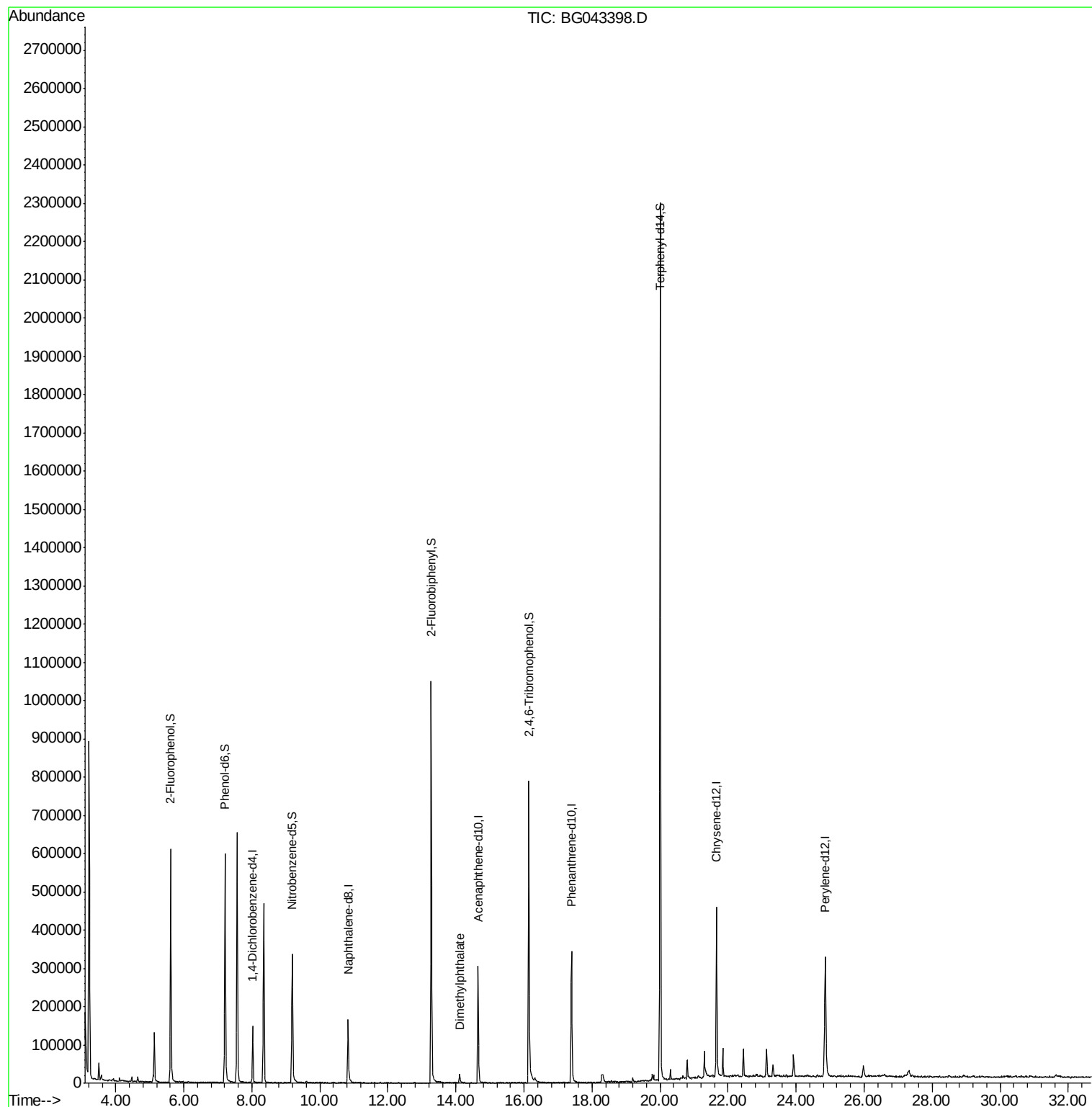
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44317	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	166096	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	119378	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	268918	20.00	ng	0.00
76) Chrysene-d12	21.66	240	306702	20.00	ng	-0.01
87) Perylene-d12	24.85	264	351637	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	285236	117.94	ng	0.00
7) Phenol-d6	7.21	99	385304	110.73	ng	0.00
23) Nitrobenzene-d5	9.18	82	234410	72.76	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	218584	96.22	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	631058	73.05	ng	0.00
79) Terphenyl-d14	20.00	244	1274082	77.93	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.11	163	25905	2.802	ng	Qvalue # 98

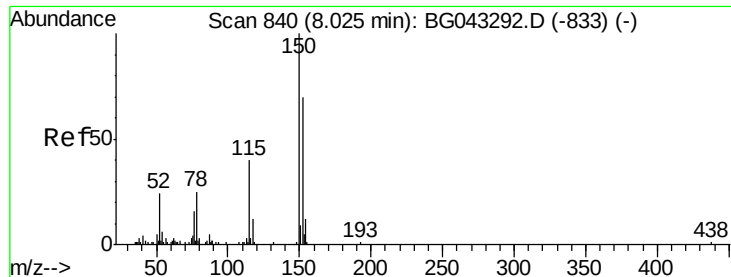
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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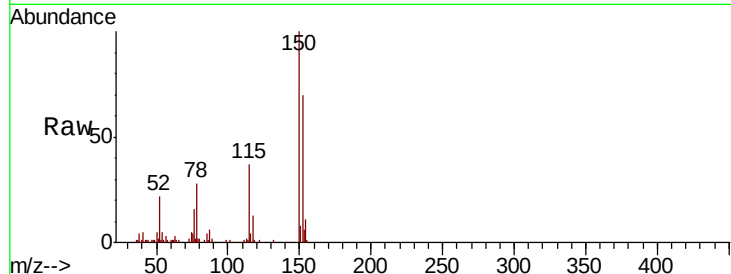


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043398.D
Acq: 30 Oct 2019 7:49

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	113.6	170.4
115	52.6	45.9	68.9

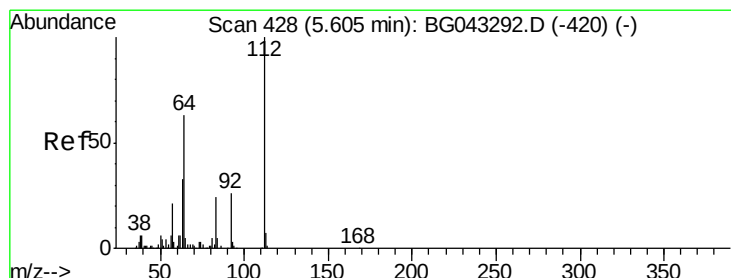
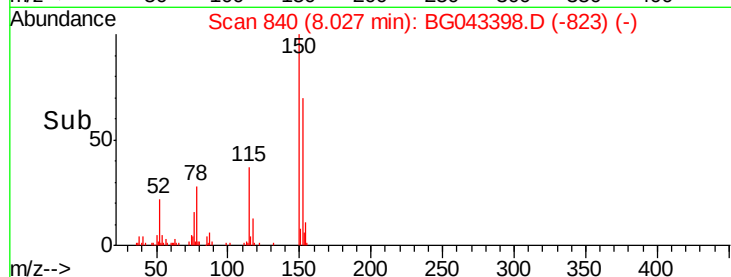
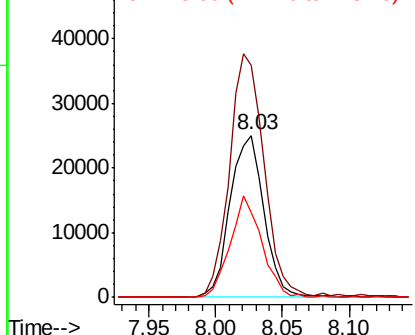


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

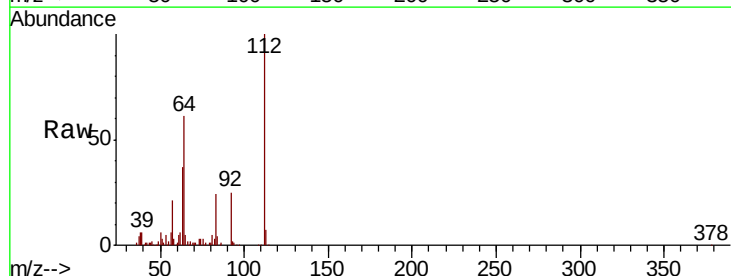
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.941 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043398.D
Acq: 30 Oct 2019 7:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	50.2	75.2
63	36.8	26.7	40.1

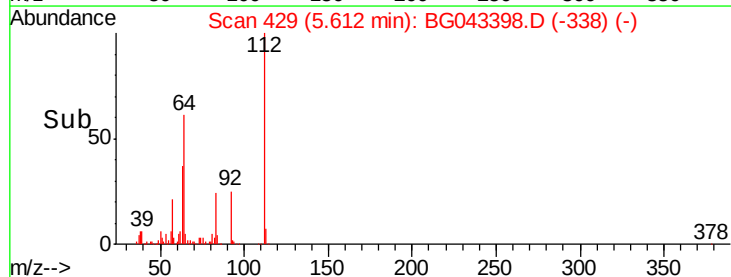
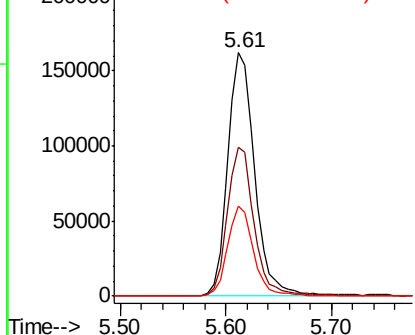


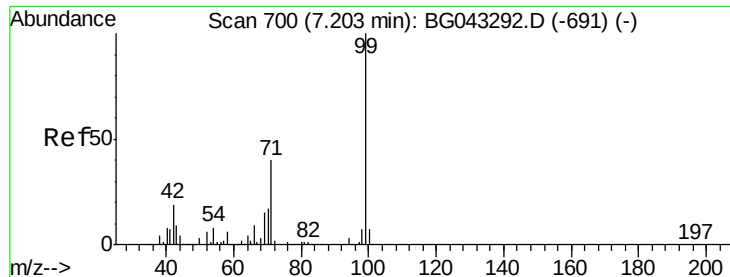
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.732 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043398.D

Acq: 30 Oct 2019 7:49

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-5

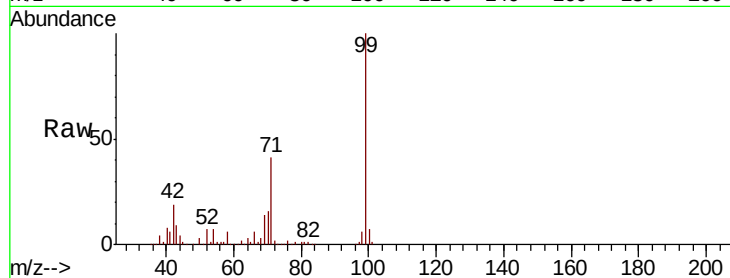
Tot Ion: 99 Resp: 385304

Ion Ratio Lower Upper

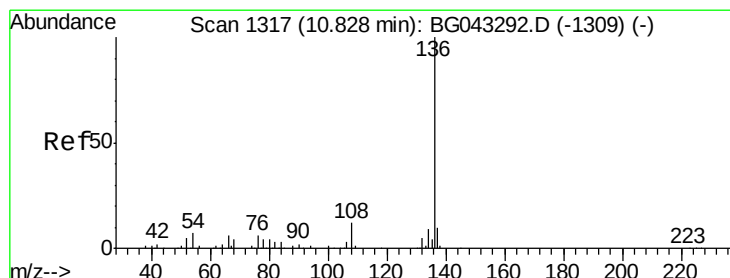
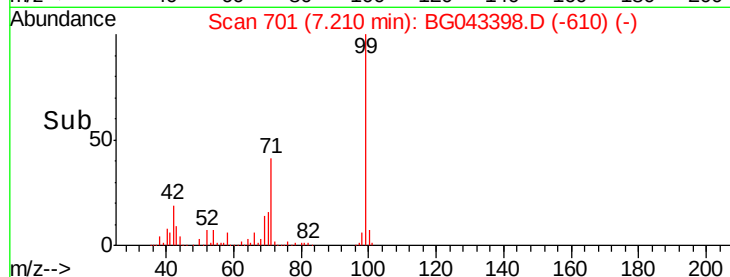
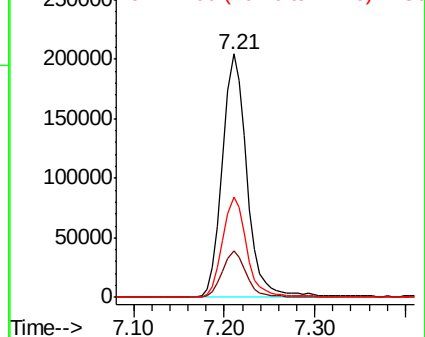
99 100

42 18.9 14.9 22.3

71 41.3 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: BG043398.D

Acq: 30 Oct 2019 7:49

Tgt Ion: 136 Resp: 166096

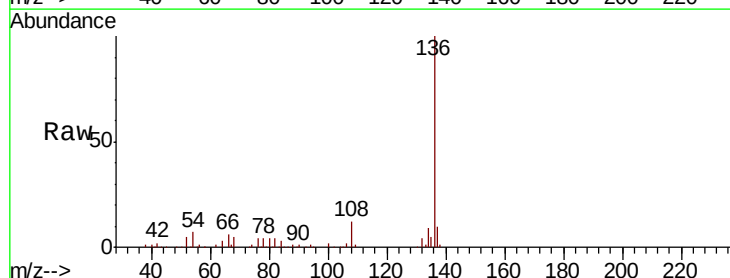
Ion Ratio Lower Upper

136 100

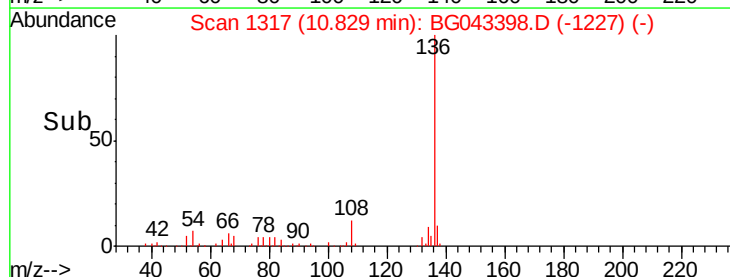
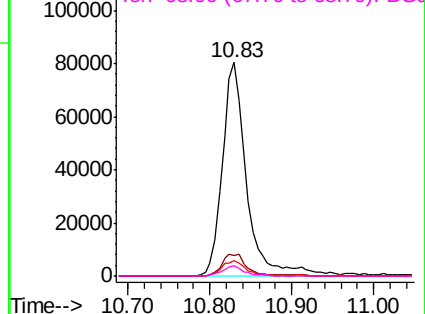
137 9.8 8.2 12.2

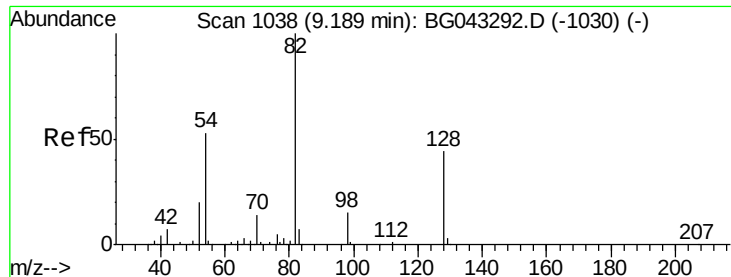
54 7.0 5.4 8.2

68 4.8 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

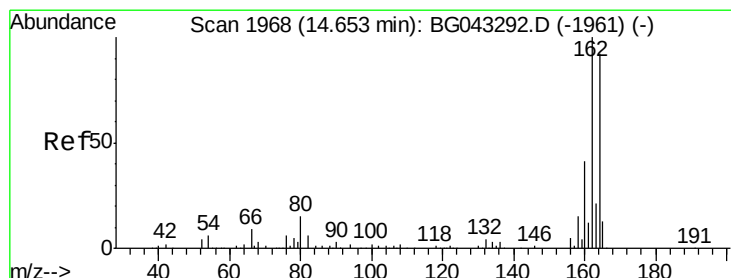
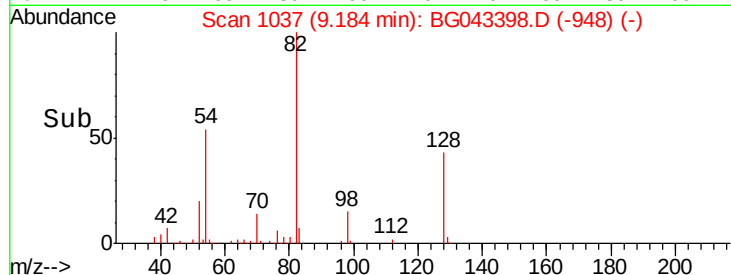
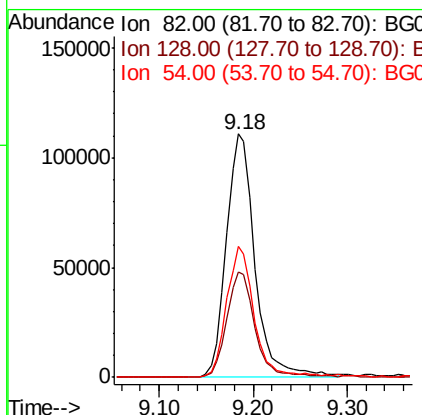
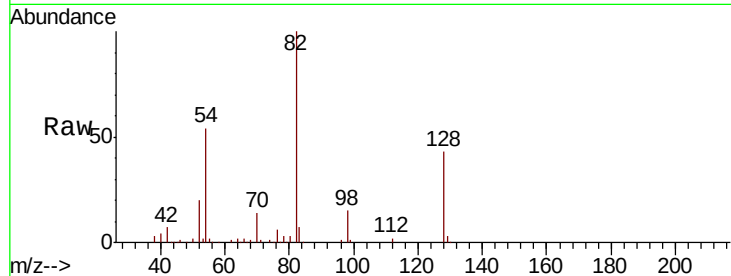




#23
Nitrobenzene-d5
Concen: 72.758 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG043398.D
Acq: 30 Oct 2019 7:49

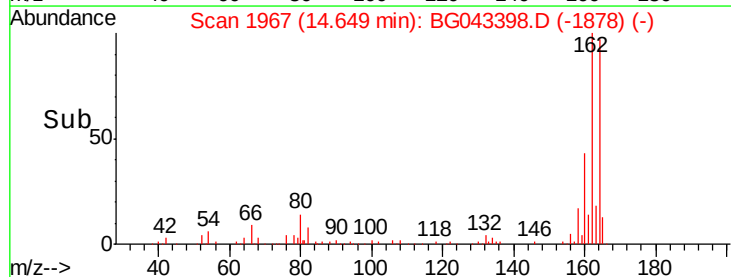
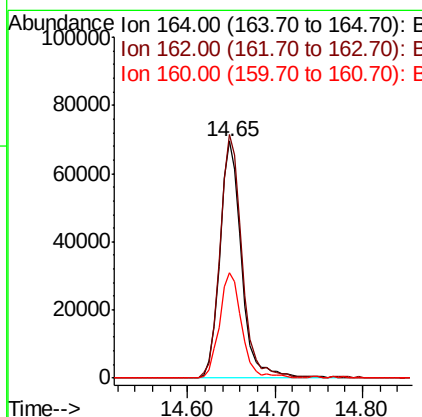
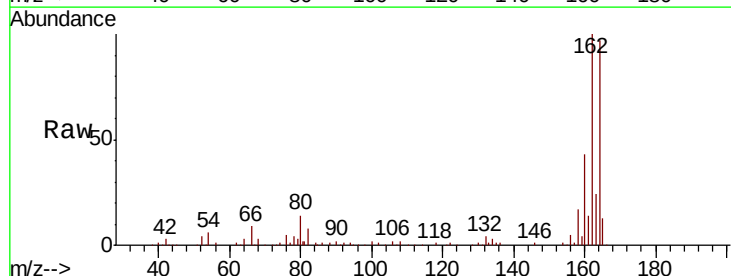
Instrument :
BNA_G
ClientSampled :
CSA-2-1-5

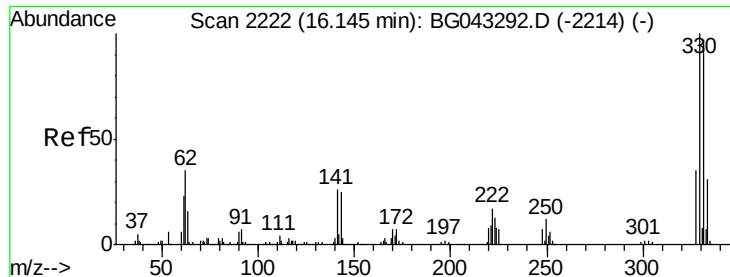
Tot Ion	82	Resp	234410
Ion Ratio	Lower	Upper	
82	100		
128	43.1	35.3	52.9
54	53.9	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG043398.D
Acq: 30 Oct 2019 7:49

Tgt Ion	164	Resp	119378
Ion Ratio	Lower	Upper	
164	100		
162	102.7	87.0	130.4
160	44.4	35.5	53.3

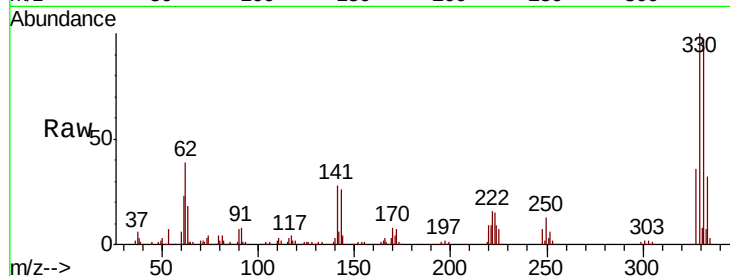




#42
 2,4,6-Tribromophenol
 Concen: 96.218 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG043398.D
 Acq: 30 Oct 2019 7:49

Instrument :
 BNA_G
 ClientSampled :
 CSA-2-1-5

Tot Ion	330	Ratio	Lower	Upper
330	100			
332	96.4	76.4	114.6	
141	28.5	21.4	32.0	

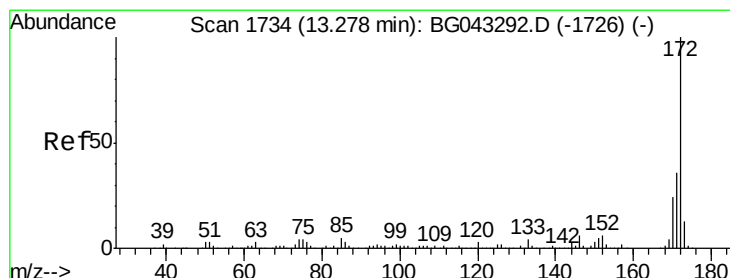
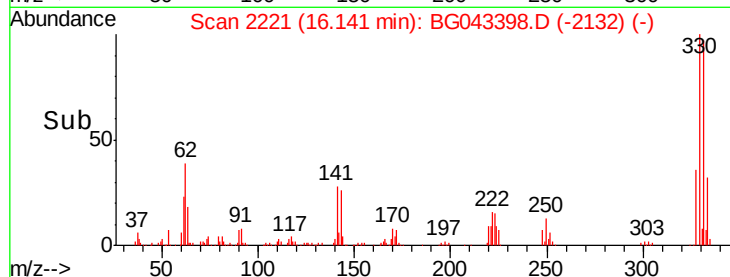
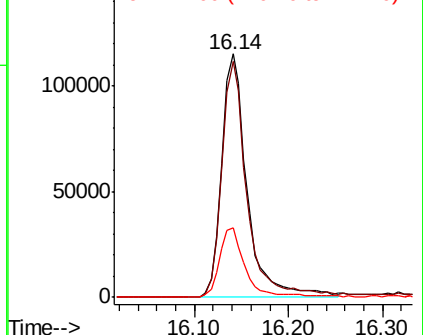


Abundance

Ion 329.80 (329.50 to 330.50): E

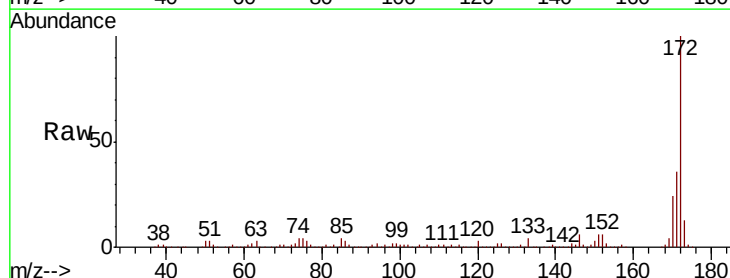
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.045 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG043398.D
 Acq: 30 Oct 2019 7:49

Tgt Ion	172	Ratio	Lower	Upper
172	100			
171	35.6	28.5	42.7	
170	23.7	18.8	28.2	

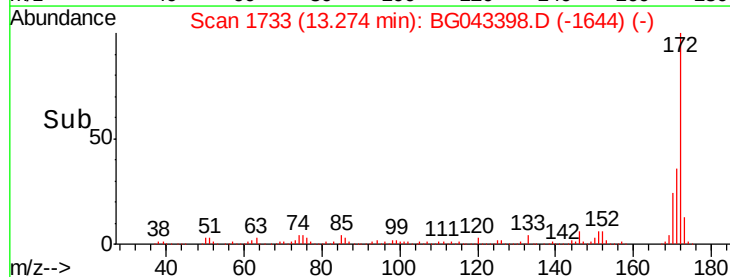
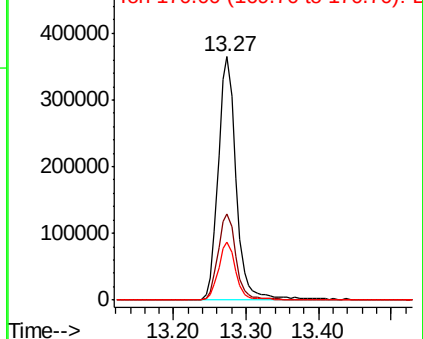


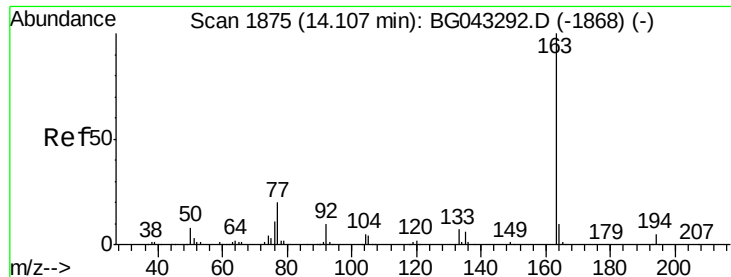
Abundance

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





#50

Dimethylphthalate

Concen: 2.802 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043398.D

Acq: 30 Oct 2019 7:49

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-5

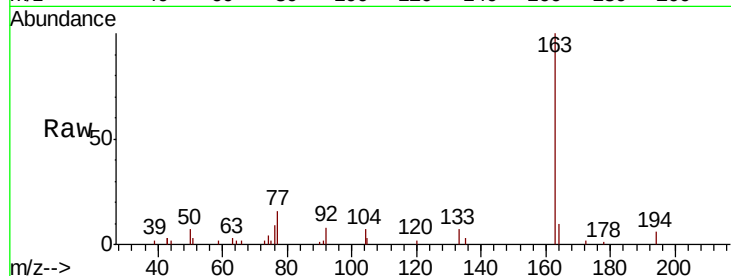
Tot Ion:163 Resp: 25905

Ion Ratio Lower Upper

163 100

194 6.2 3.7 5.5#

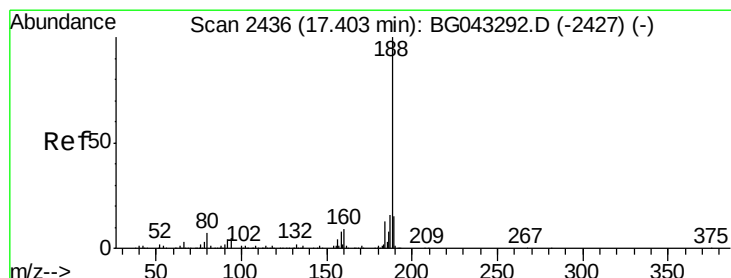
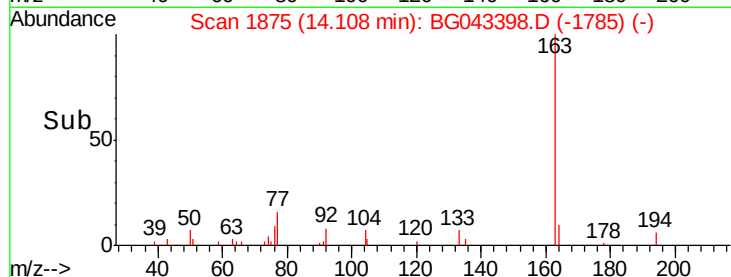
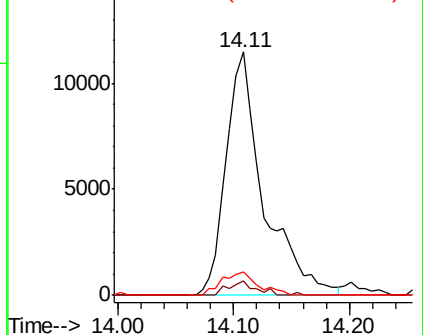
164 9.7 8.1 12.1



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. -0.00 min

Lab File: BG043398.D

Acq: 30 Oct 2019 7:49

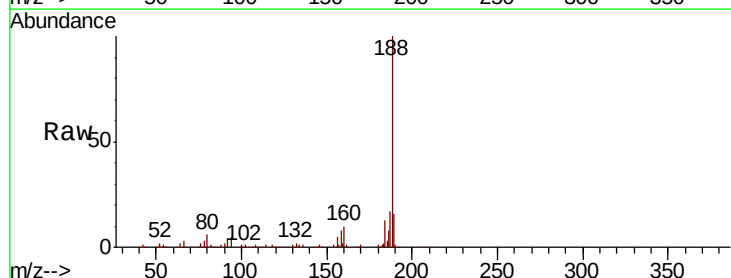
Tgt Ion:188 Resp: 268918

Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.2

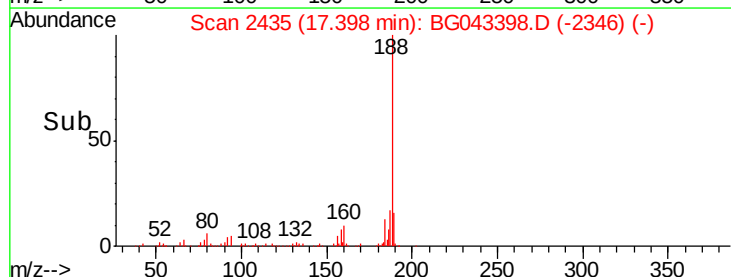
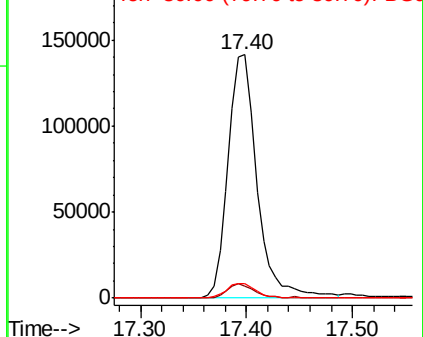
80 5.7 5.2 7.8

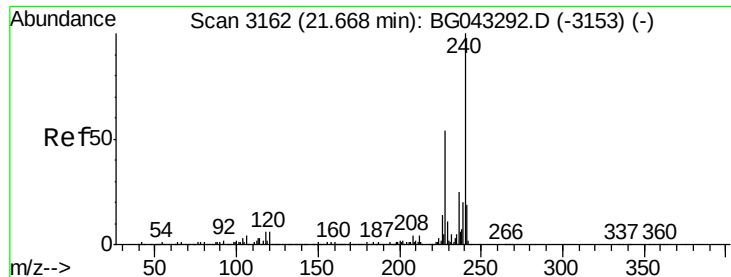


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

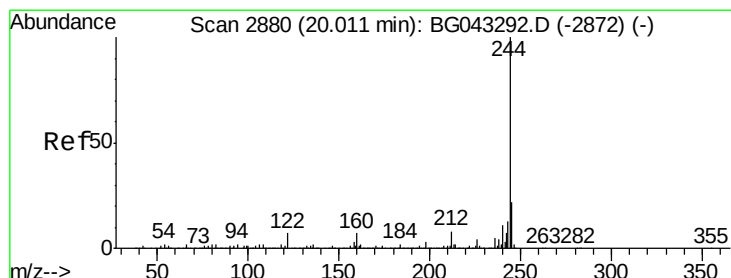
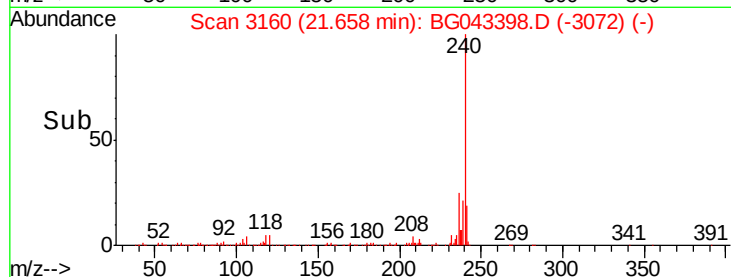
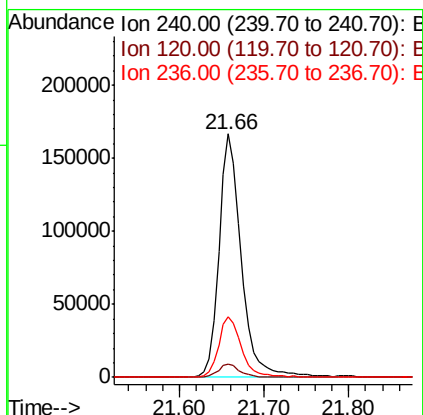
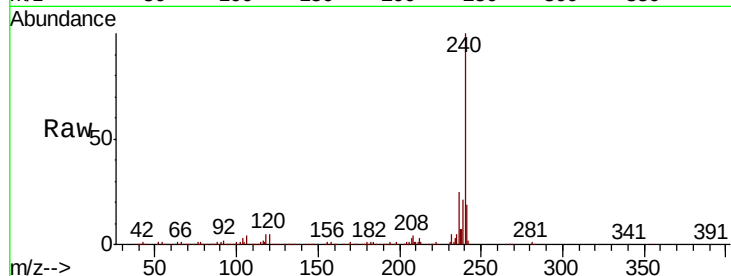




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043398.D
Acq: 30 Oct 2019 7:49

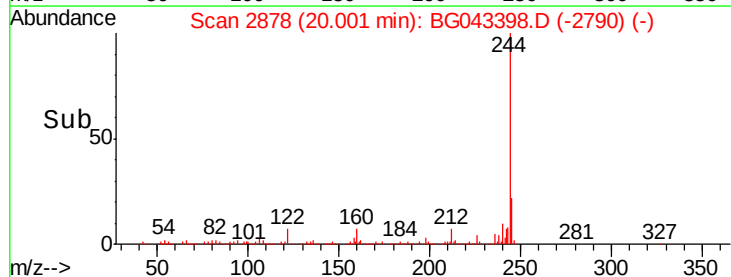
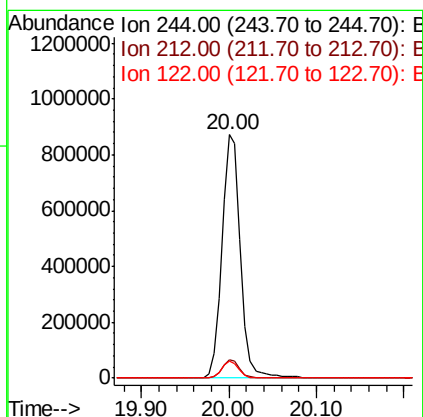
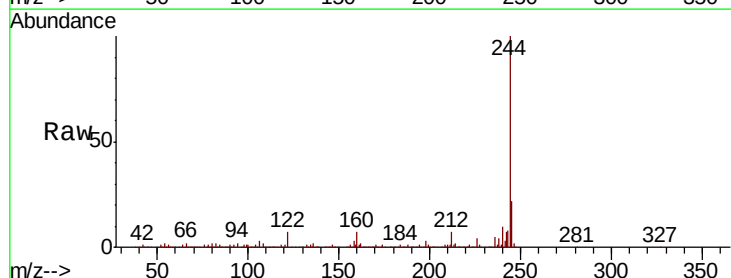
Instrument :
BNA_G
ClientSampleId :
CSA-2-1-5

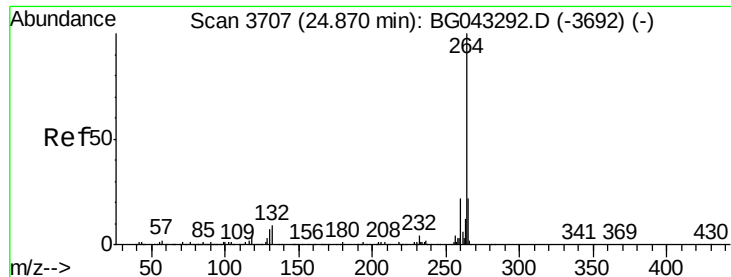
Tot Ion:240 Resp: 306702
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 25.1 20.2 30.4



#79
Terphenyl-d14
Concen: 77.934 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG043398.D
Acq: 30 Oct 2019 7:49

Tgt Ion:244 Resp: 1274082
Ion Ratio Lower Upper
244 100
212 7.4 6.4 9.6
122 7.0 5.3 7.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG043398.D
Acq: 30 Oct 2019 7:49

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	20.8	17.4	26.2

