

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043378.D
 Acq On : 29 Oct 2019 17:40
 Operator : JU
 Sample : K5564-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 30 08:21:04 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

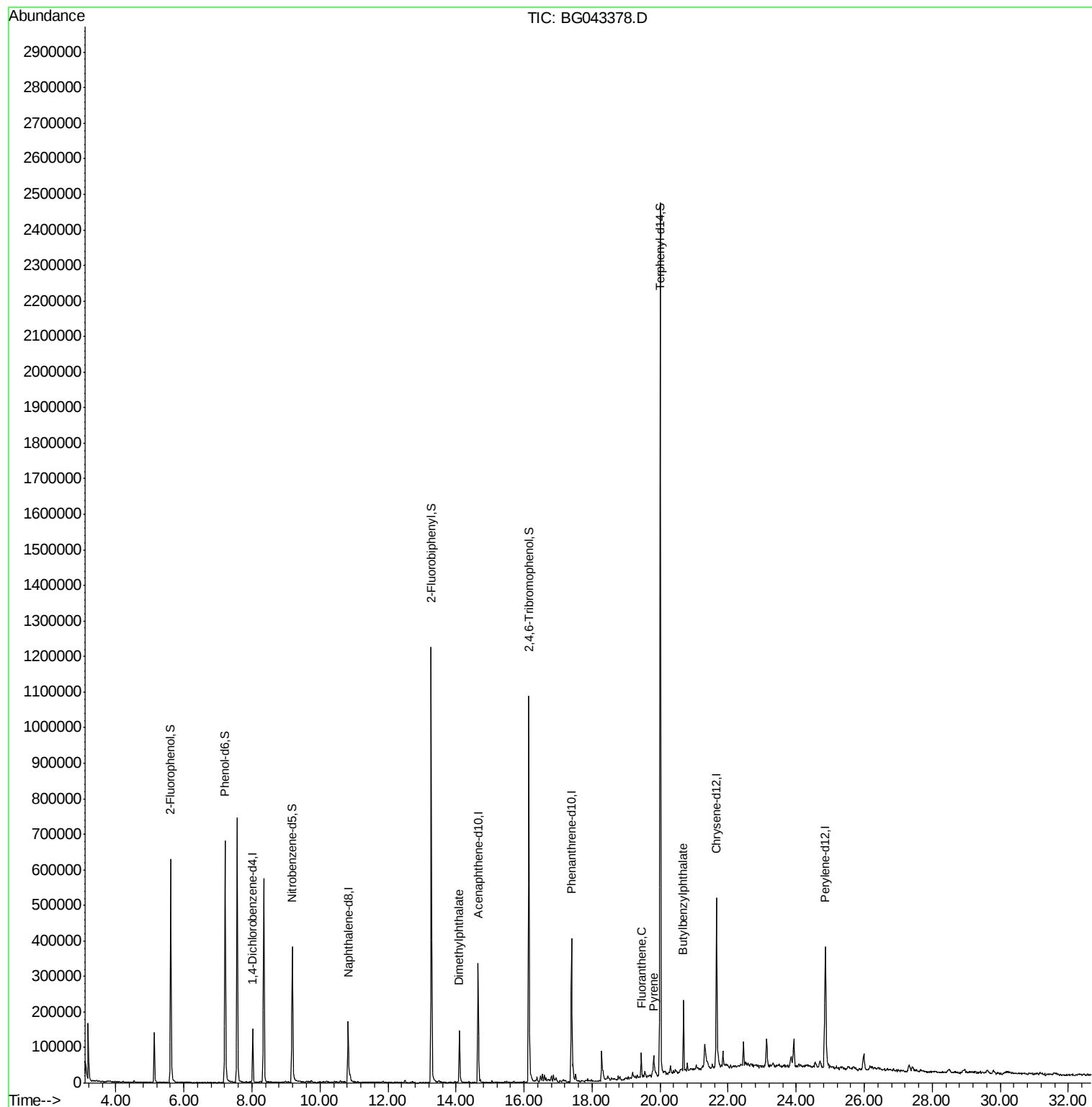
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	45389	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	177004	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	127943	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	284990	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	307214	20.00	ng	-0.01
87) Perylene-d12	24.85	264	371923	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	303079	122.36	ng	0.00
7) Phenol-d6	7.21	99	436657	122.53	ng	0.00
23) Nitrobenzene-d5	9.19	82	268036	78.07	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	265338	108.98	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	728019	78.63	ng	0.00
79) Terphenyl-d14	20.00	244	1300339	79.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	112420	11.344	ng	97
75) Fluoranthene	19.45	202	45747	2.404	ng	98
78) Pyrene	19.81	202	41637	2.190	ng	96
80) Butylbenzylphthalate	20.69	149	60532	8.402	ng	99

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

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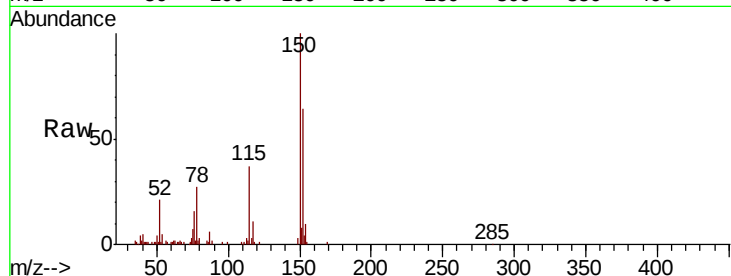


#1

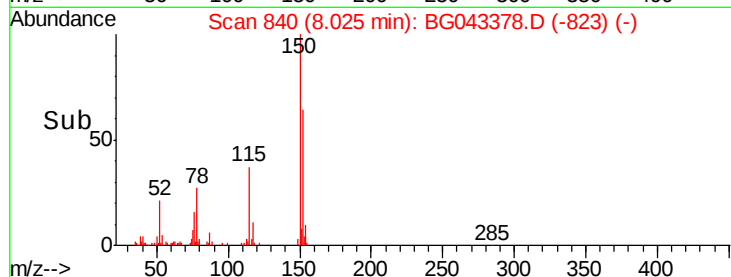
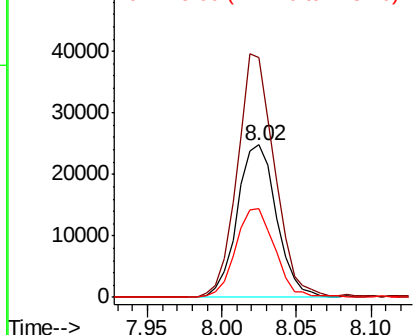
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

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

Tot Ion:152 Resp: 45389
Ion Ratio Lower Upper
152 100
150 157.3 113.6 170.4
115 57.9 45.9 68.9



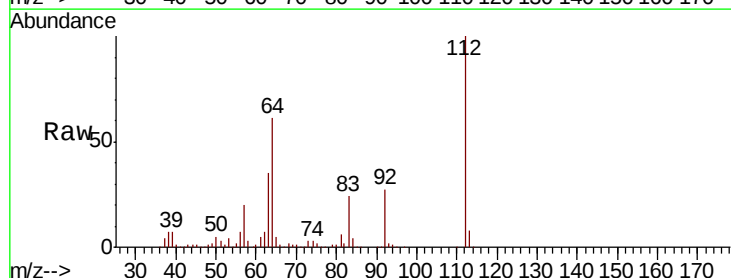
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



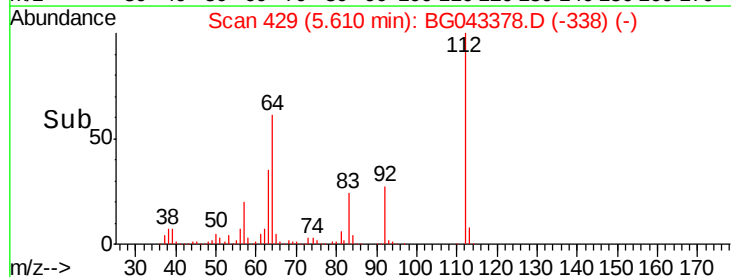
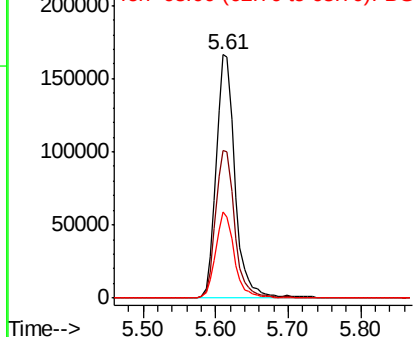
#5

2-Fluorophenol
Concen: 122.359 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:112 Resp: 303079
Ion Ratio Lower Upper
112 100
64 60.9 50.2 75.2
63 35.2 26.7 40.1



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: 122.527 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043378.D

Acq: 29 Oct 2019 17:40

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-1

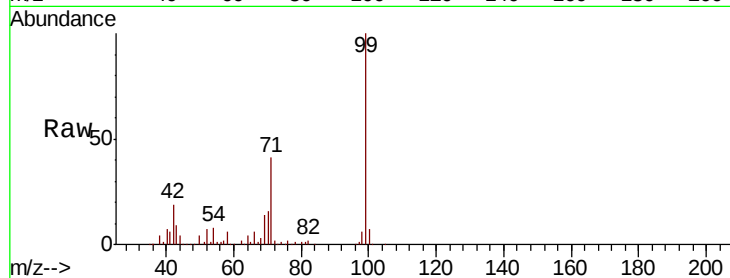
Tot Ion: 99 Resp: 436657

Ion Ratio Lower Upper

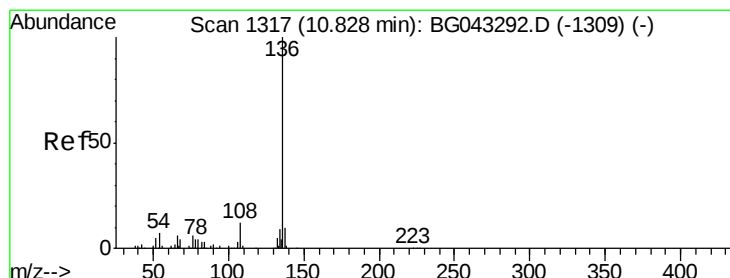
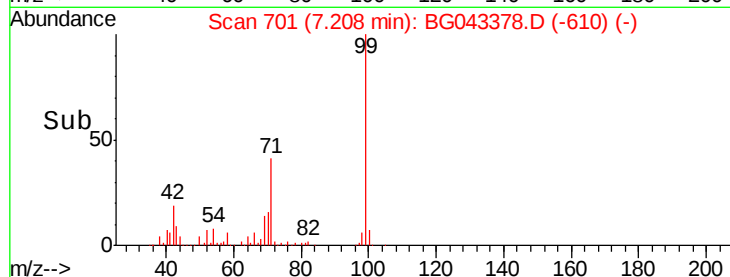
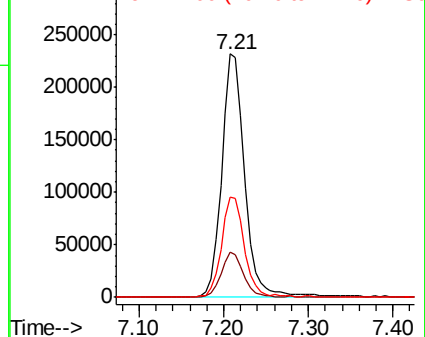
99 100

42 18.8 14.9 22.3

71 41.2 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: BG043378.D

Acq: 29 Oct 2019 17:40

Tgt Ion: 136 Resp: 177004

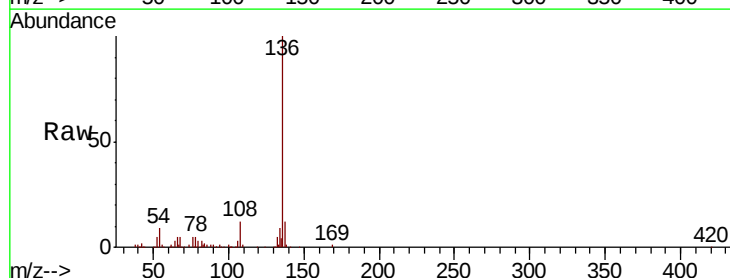
Ion Ratio Lower Upper

136 100

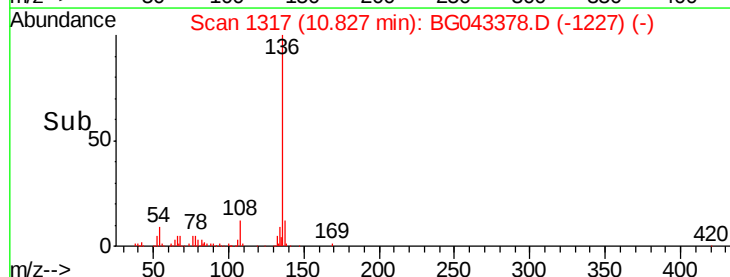
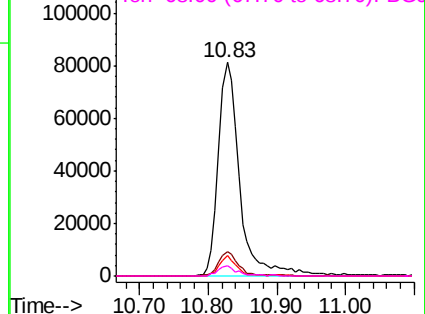
137 11.6 8.2 12.2

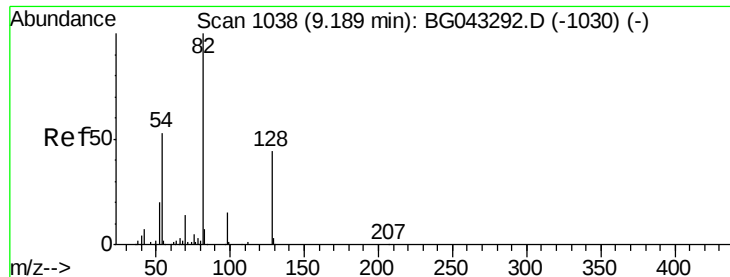
54 9.5 5.4 8.2#

68 4.6 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

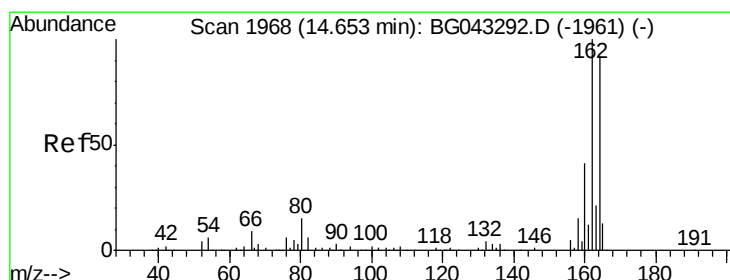
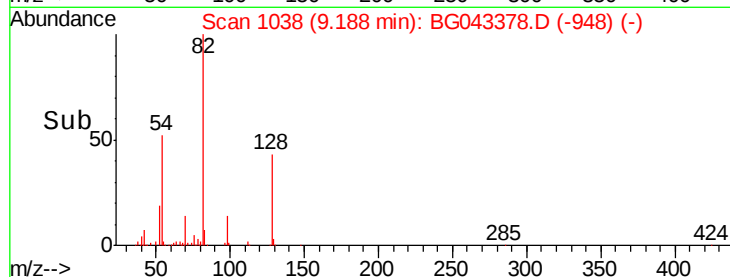
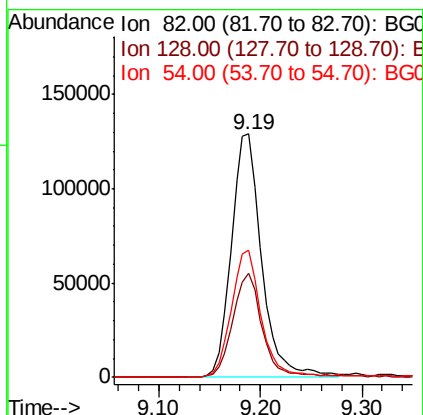
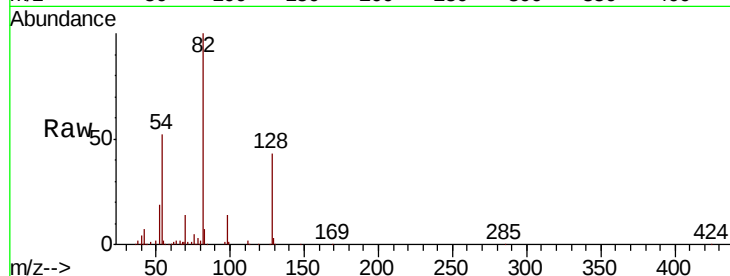




#23
Nitrobenzene-d5
Concen: 78.069 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

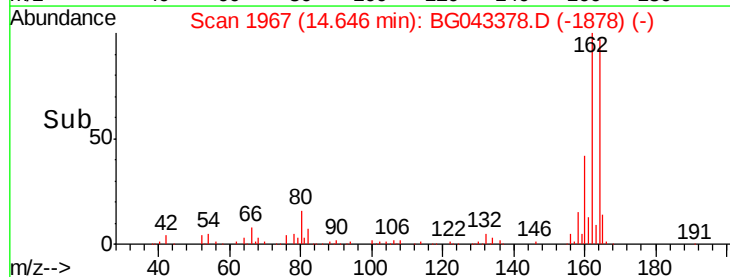
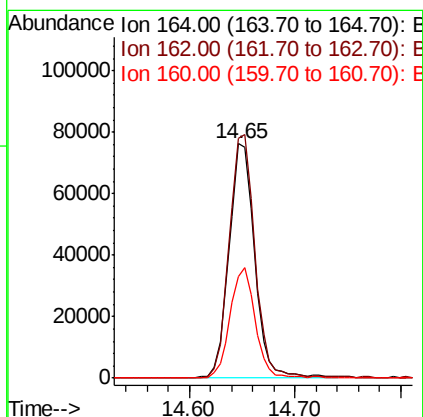
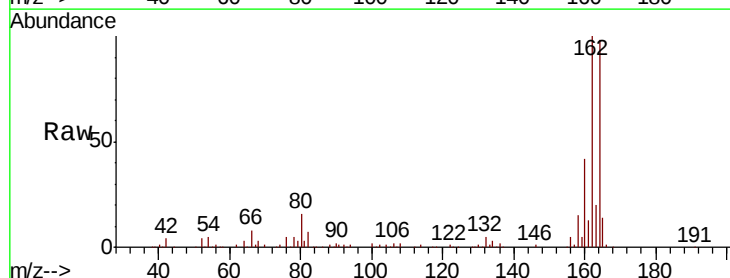
Instrument :
BNA_G
ClientSampleId :
CSA-2-1-1

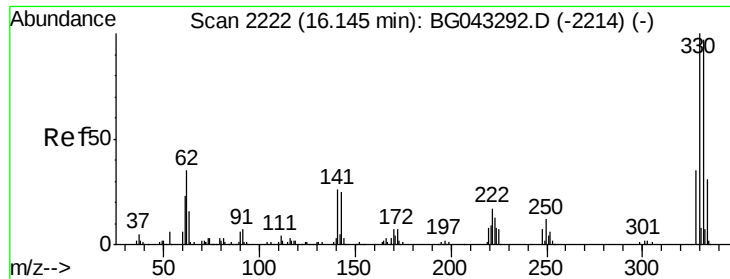
Tot Ion	82	Resp	268036
Ion Ratio	Lower	Upper	
82	100		
128	42.6	35.3	52.9
54	52.3	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion	164	Resp	127943
Ion Ratio	Lower	Upper	
164	100		
162	102.3	87.0	130.4
160	43.4	35.5	53.3

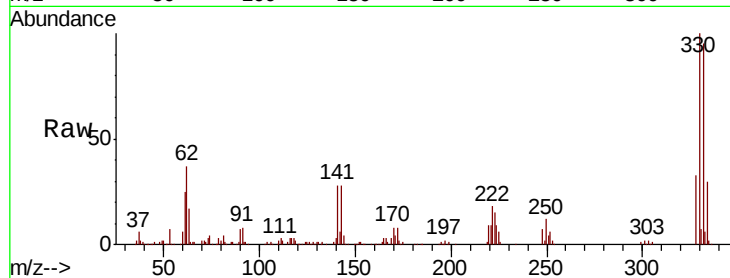




#42
 2,4,6-Tribromophenol
 Concen: 108.979 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043378.D
 Acq: 29 Oct 2019 17:40

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.4	114.6
141	28.3	21.4	32.0

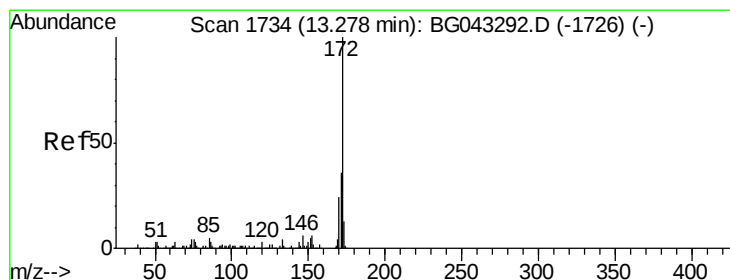
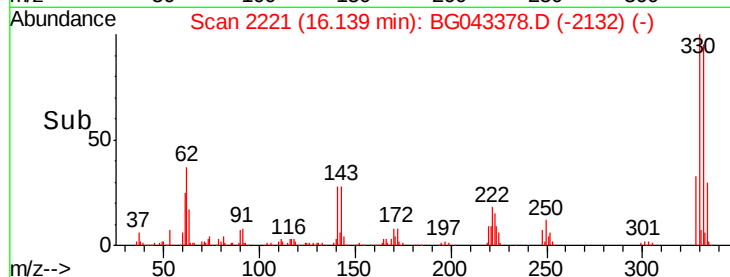
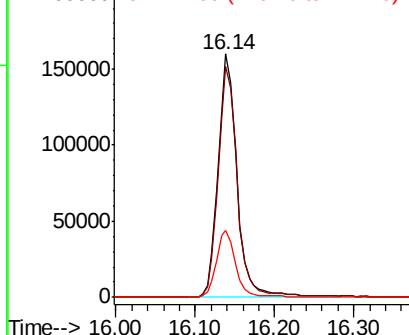


Abundance

Ion 329.80 (329.50 to 330.50): E

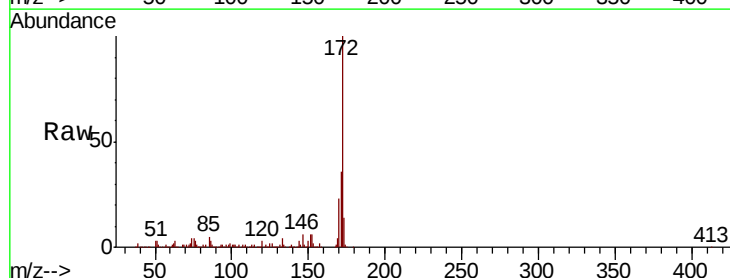
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.627 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043378.D
 Acq: 29 Oct 2019 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.8	18.8	28.2

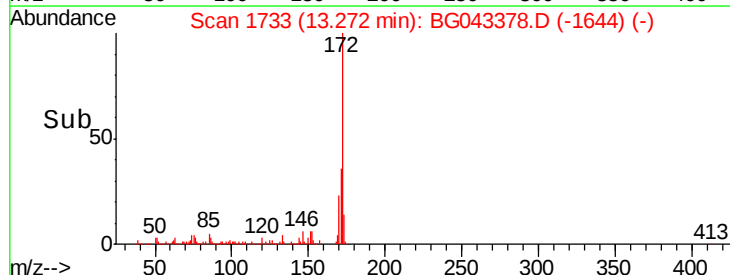
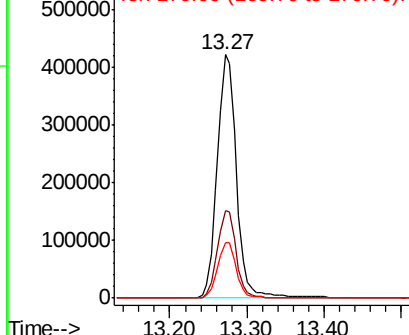


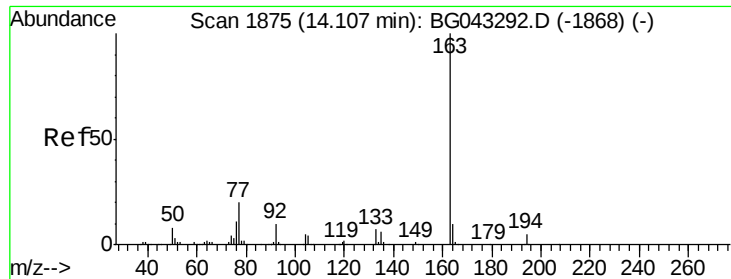
Abundance

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

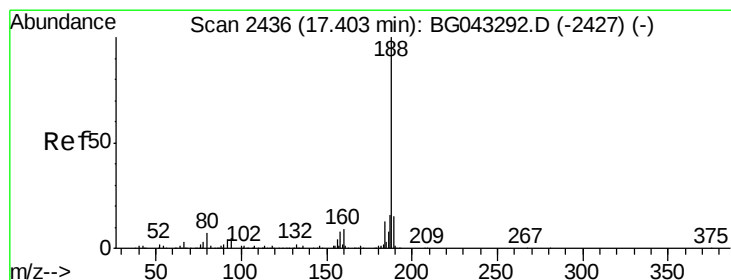
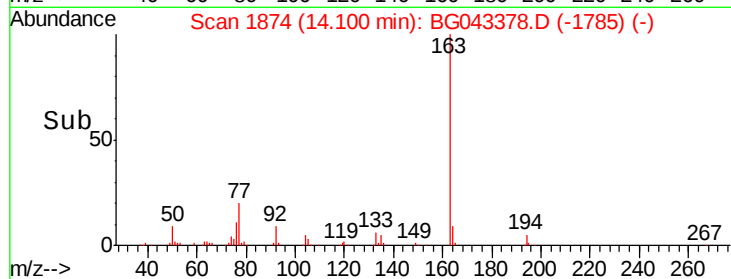
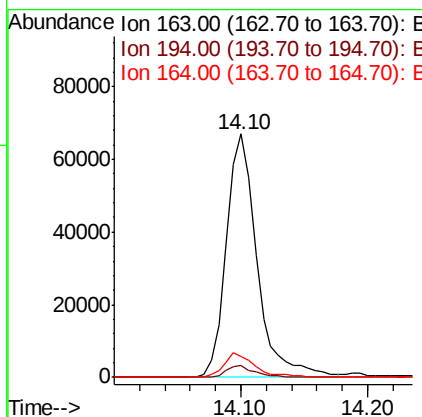
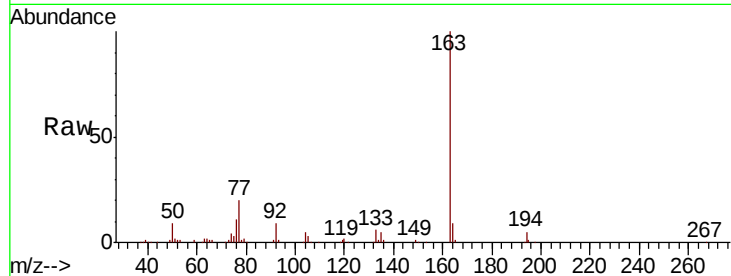




#50
Dimethylphthalate
Concen: 11.344 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

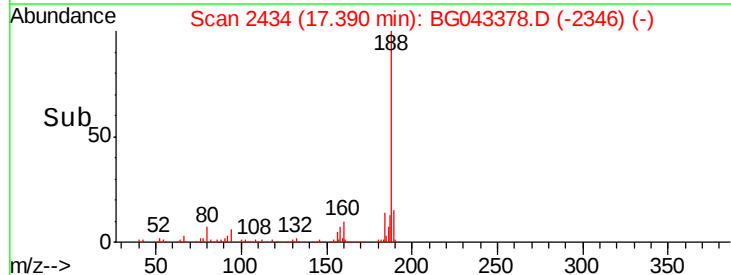
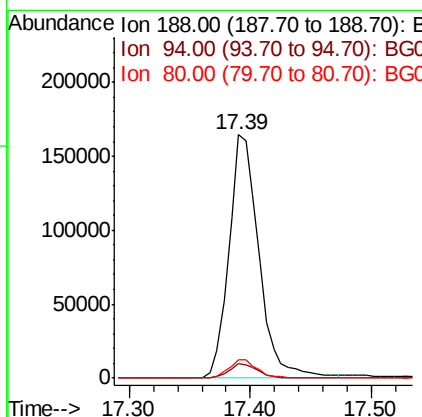
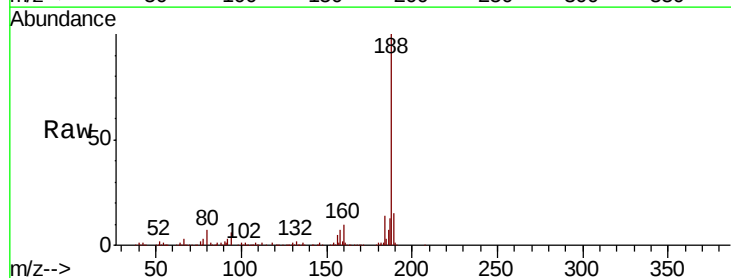
Instrument :
BNA_G
ClientSampleId :
CSA-2-1-1

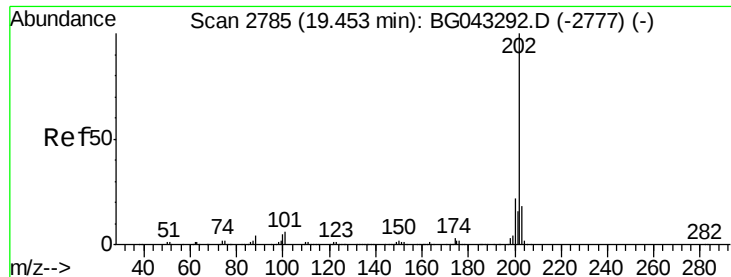
Tot Ion:163 Resp: 112420
Ion Ratio Lower Upper
163 100
194 5.0 3.7 5.5
164 8.7 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043378.D
Acq: 29 Oct 2019 17:40

Tgt Ion:188 Resp: 284990
Ion Ratio Lower Upper
188 100
94 5.9 4.2 6.2
80 7.4 5.2 7.8





#75

Fluoranthene

Concen: 2.404 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043378.D

Acq: 29 Oct 2019 17:40

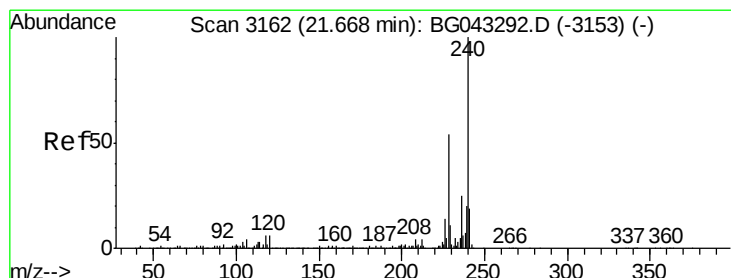
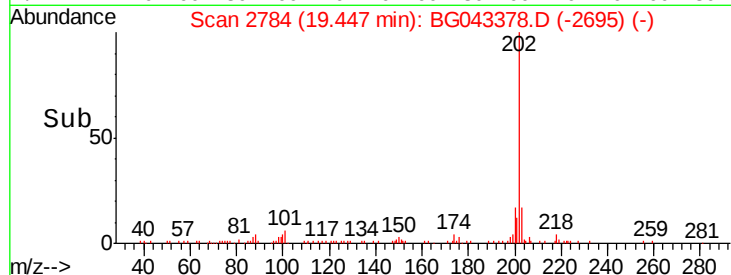
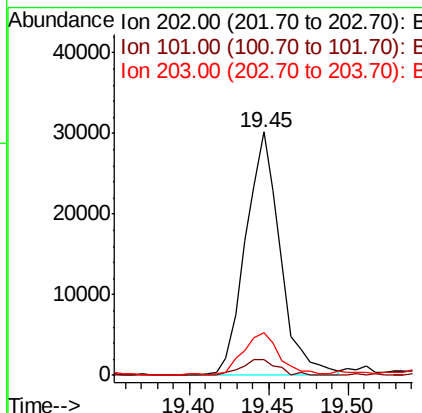
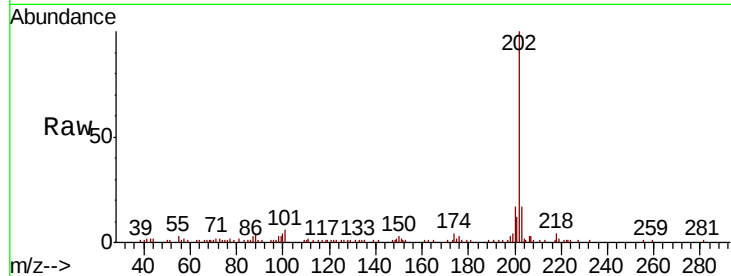
Instrument :

BNA_G

ClientSampleId :

CSA-2-1-1

Tot Ion:	202	Resp:	45747
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	26.0
203	17.3	0.0	38.2



#76

Chrysene-d12

Concen: 20.000 ng

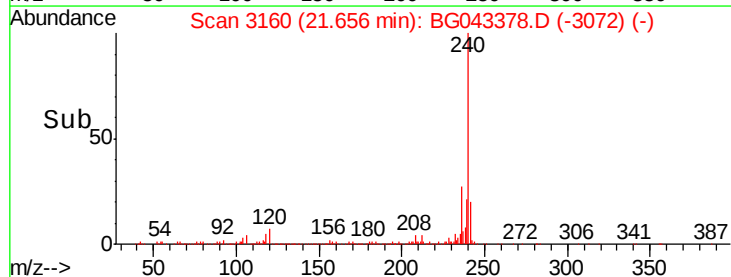
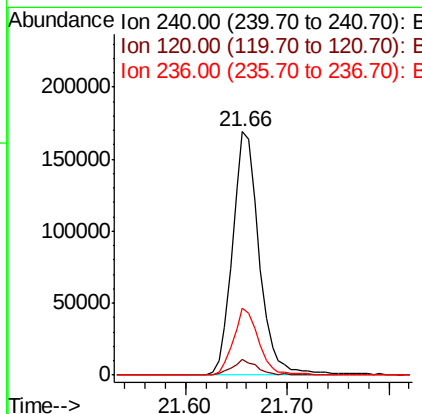
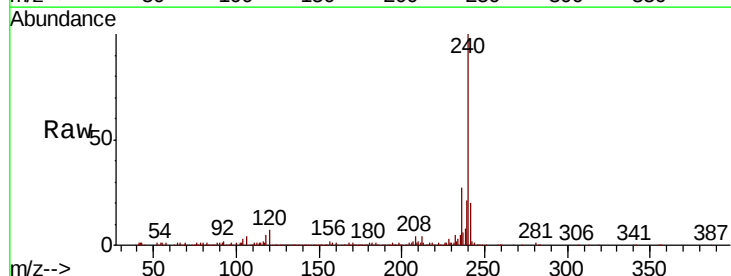
RT: 21.66 min Scan# 3160

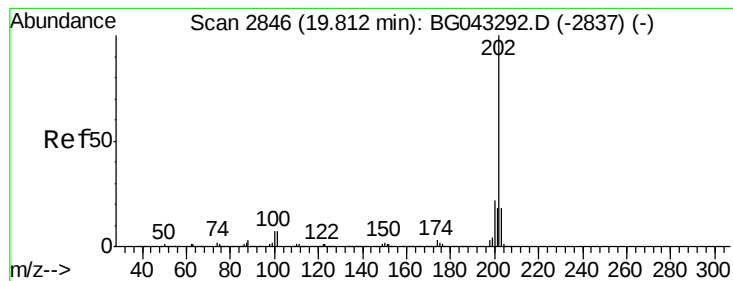
Delta R.T. -0.01 min

Lab File: BG043378.D

Acq: 29 Oct 2019 17:40

Tgt Ion:	240	Resp:	307214
Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.6	7.0
236	27.3	20.2	30.4





#78

Pvrene

Concen: 2.190 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043378.D

Acq: 29 Oct 2019 17:40

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-1

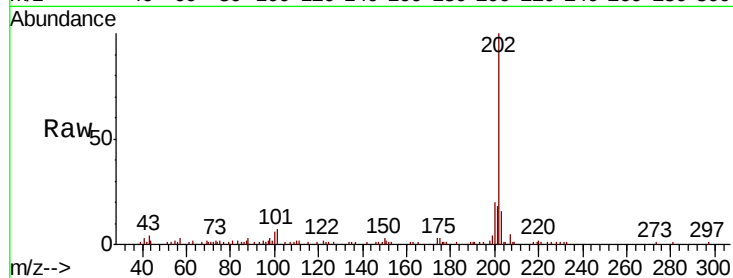
Tot Ion:202 Resp: 41637

Ion Ratio Lower Upper

202 100

200 20.3 17.3 25.9

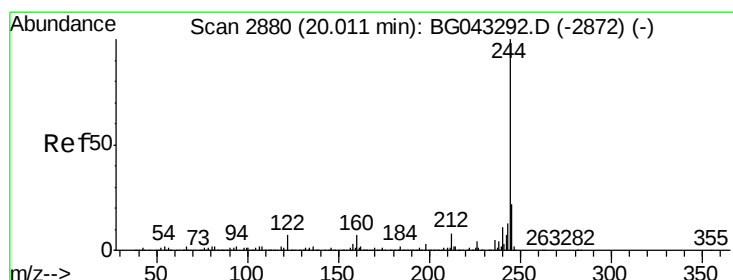
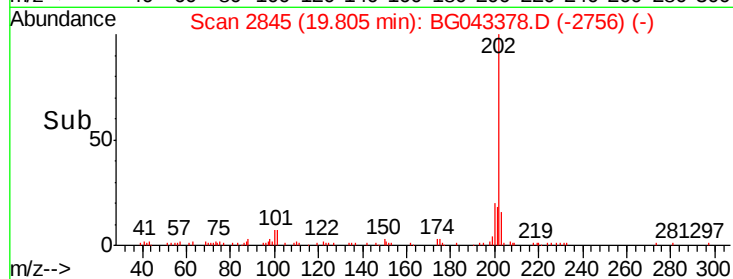
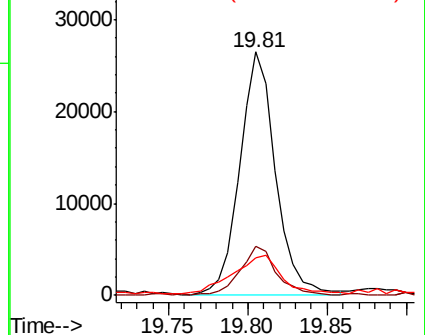
203 15.5 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 79.408 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043378.D

Acq: 29 Oct 2019 17:40

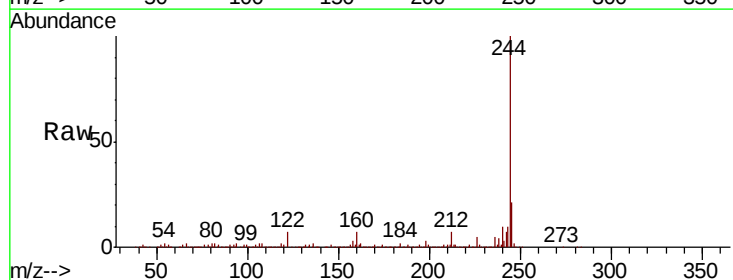
Tgt Ion:244 Resp: 1300339

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

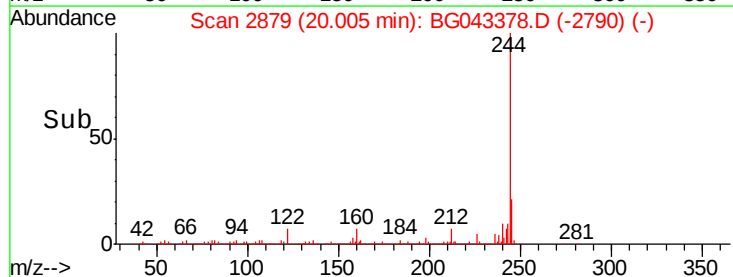
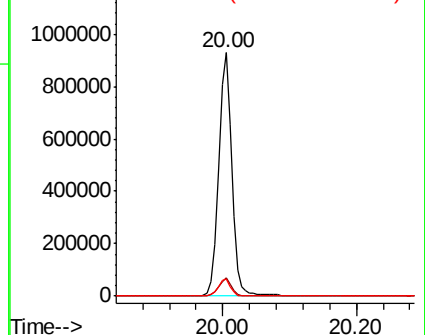
122 6.9 5.3 7.9

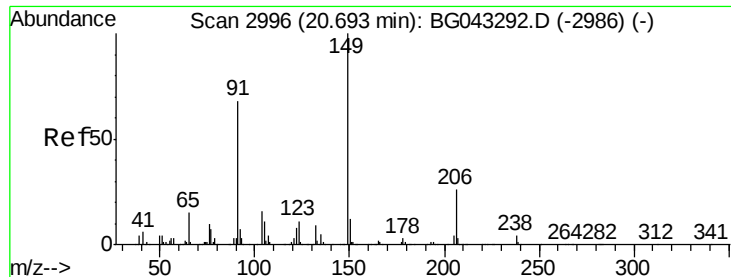


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

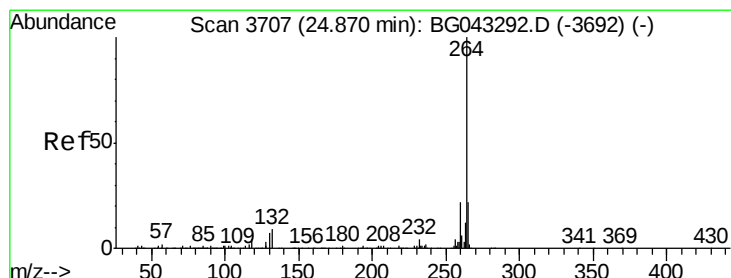
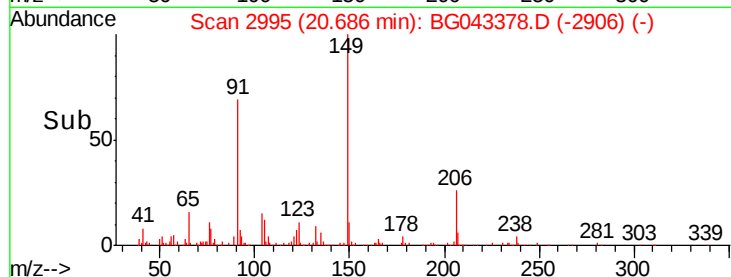
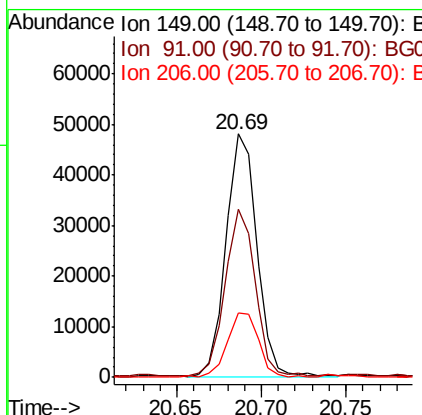
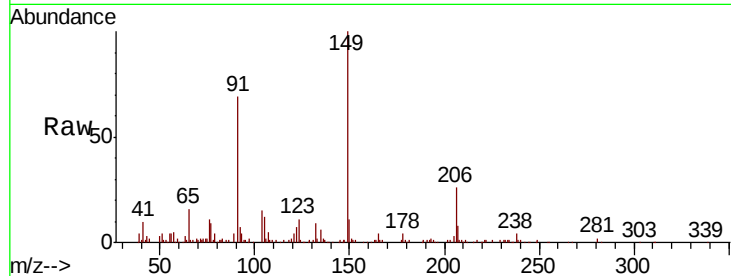




#80
 Butylbenzylphthalate
 Concen: 8.402 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.01 min
 Lab File: BG043378.D
 Acq: 29 Oct 2019 17:40

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

Tot Ion:149	Resp:	60532
Ion Ratio	Lower	Upper
149	100	
91	69.0	54.6 82.0
206	26.3	20.5 30.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG043378.D
 Acq: 29 Oct 2019 17:40

Tgt Ion:264	Resp:	371923
Ion Ratio	Lower	Upper
264	100	
260	22.3	17.9 26.9
265	19.5	17.4 26.2

