

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043596.D
 Acq On : 11 Nov 2019 23:12
 Operator : JU
 Sample : K5758-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CO-1008

Quant Time: Nov 12 03:03:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

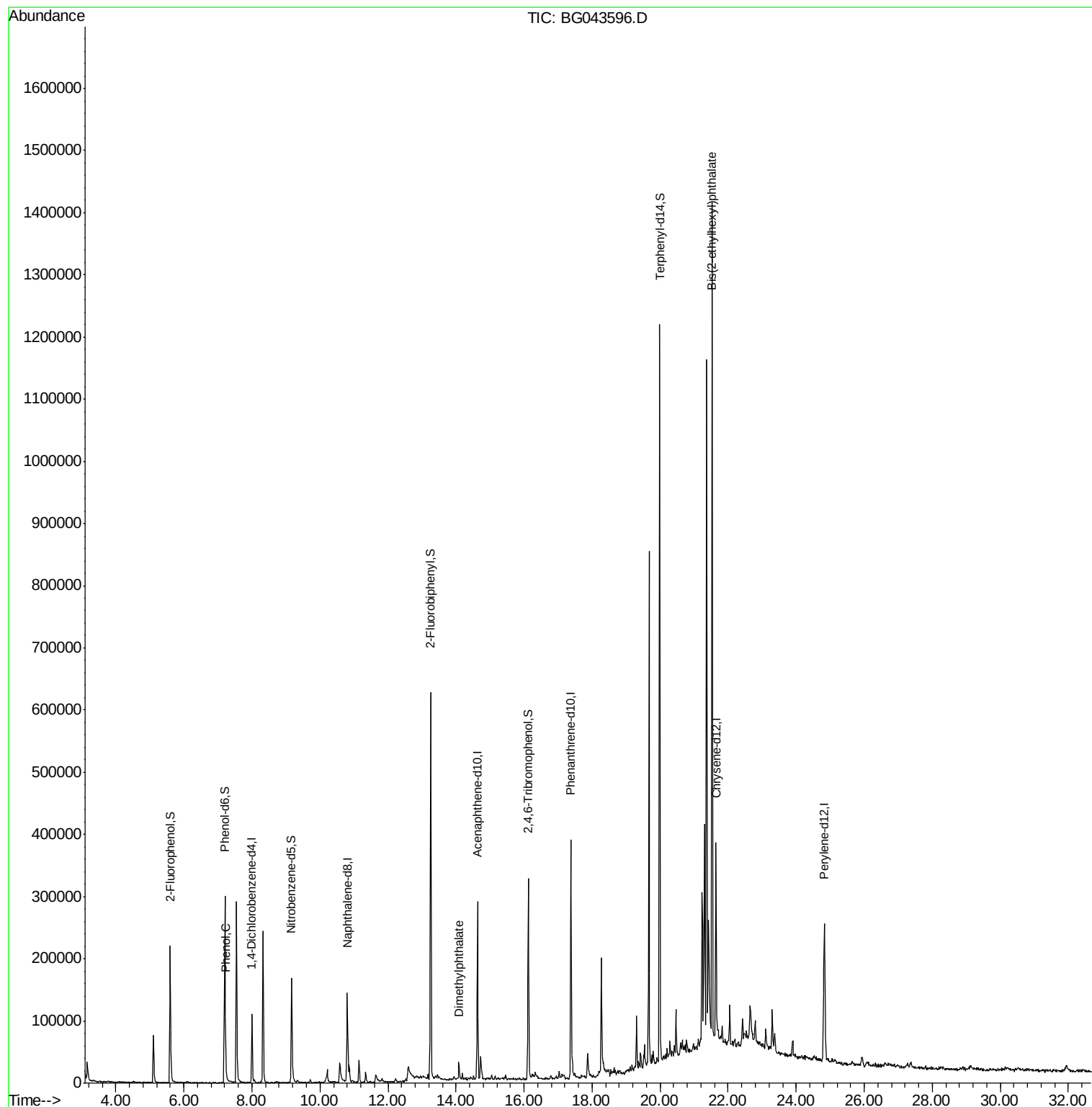
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33729	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	139900	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	105403	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	259017	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	202390	20.00	ng	-0.01
87) Perylene-d12	24.82	264	240956	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	115835	62.93	ng	0.00
7) Phenol-d6	7.20	99	199900	75.48	ng	0.00
23) Nitrobenzene-d5	9.16	82	119860	44.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	77549	38.66	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	347913	45.61	ng	-0.01
79) Terphenyl-d14	19.99	244	619170	57.39	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	7466	3.085	ng	80
50) Dimethylphthalate	14.08	163	18614	2.280	ng	# 97
84) Bis(2-ethylhexyl)phthalate	21.53	149	538735	79.906	ng	98

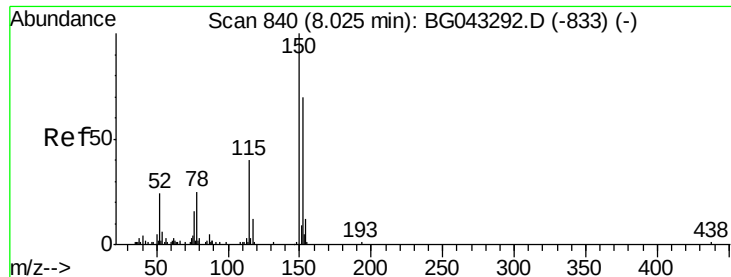
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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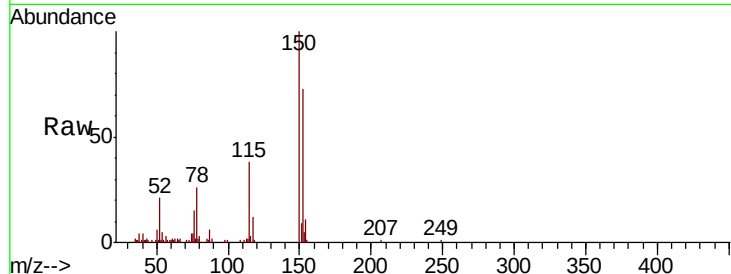


#1

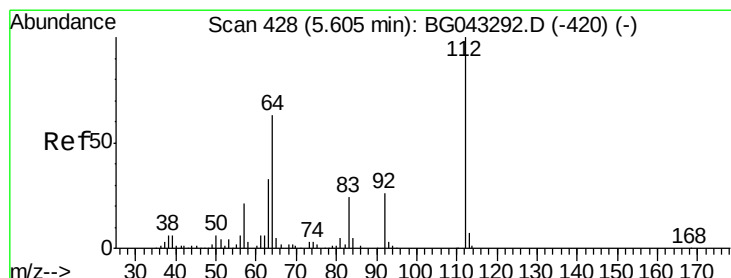
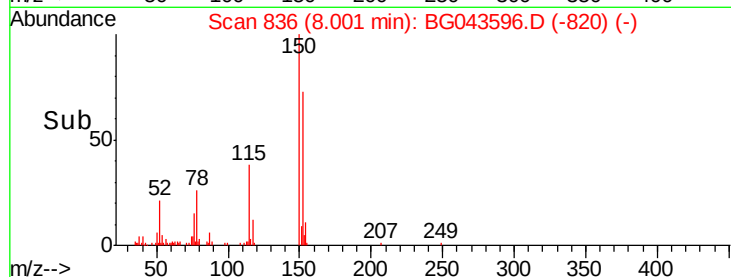
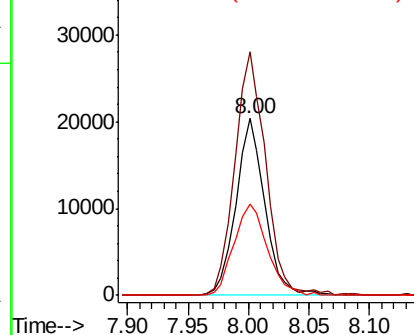
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043596.D
Acq: 11 Nov 2019 23:12

Instrument :
BNA_G
ClientSampleId :
CO-1008

Tot Ion:152 Resp: 33729
Ion Ratio Lower Upper
152 100
150 137.7 129.4 194.0
115 51.9 48.8 73.2



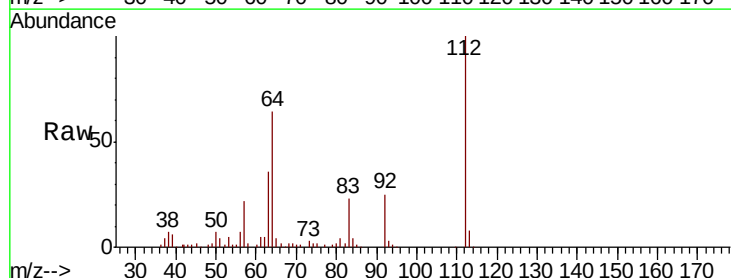
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



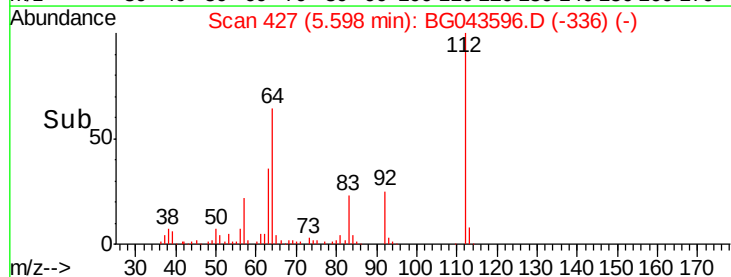
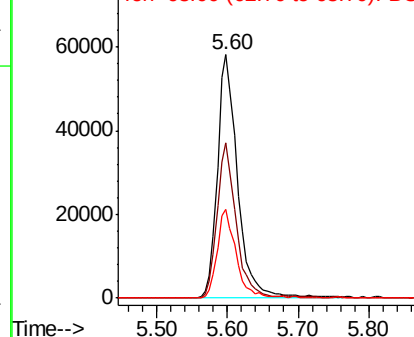
#5

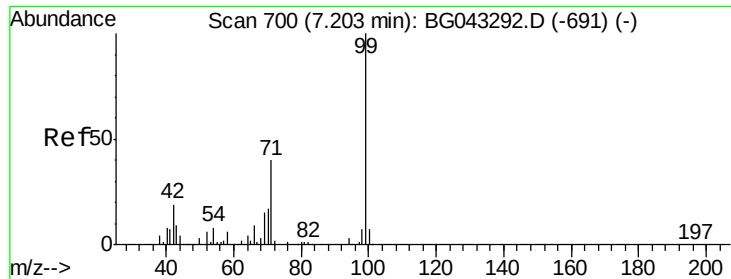
2-Fluorophenol
Concen: 62.931 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043596.D
Acq: 11 Nov 2019 23:12

Tgt Ion:112 Resp: 115835
Ion Ratio Lower Upper
112 100
64 63.8 50.0 75.0
63 36.4 26.6 40.0



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: 75.483 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043596.D

Acq: 11 Nov 2019 23:12

Instrument :

BNA_G

ClientSampleId :

CO-1008

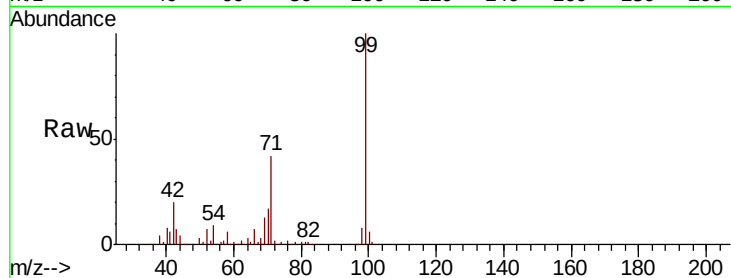
Tot Ion: 99 Resp: 199900

Ion Ratio Lower Upper

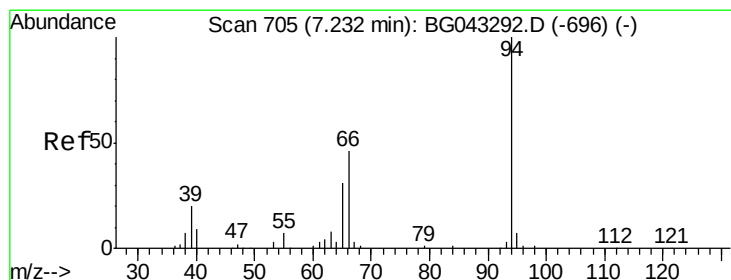
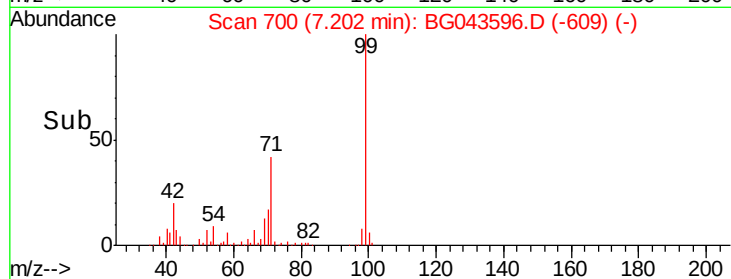
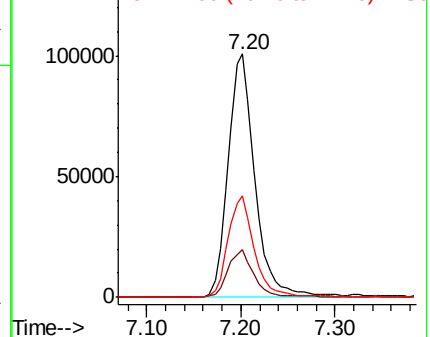
99 100

42 19.8 14.6 21.8

71 41.9 32.5 48.7



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



#10

Phenol

Concen: 3.085 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043596.D

Acq: 11 Nov 2019 23:12

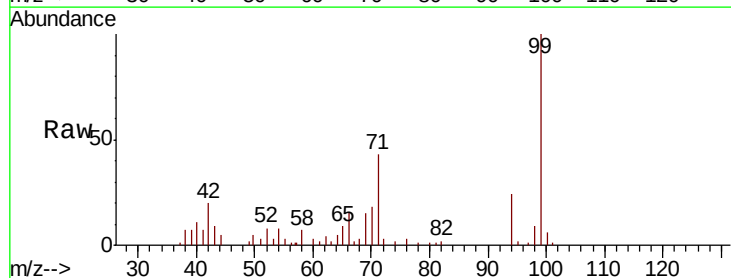
Tgt Ion: 94 Resp: 7466

Ion Ratio Lower Upper

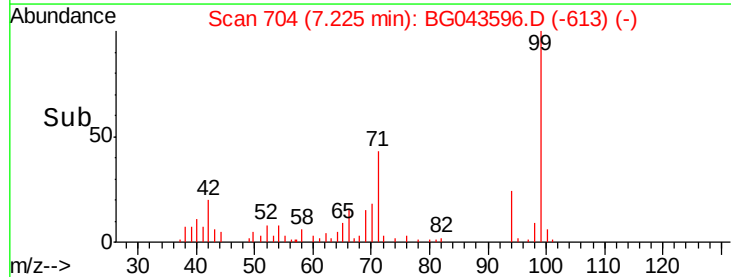
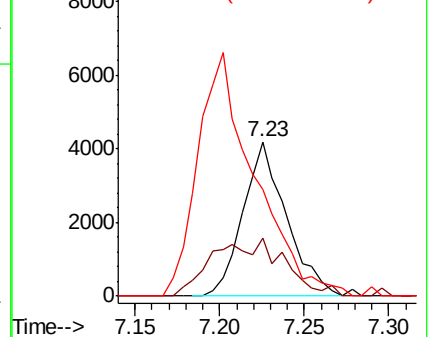
94 100

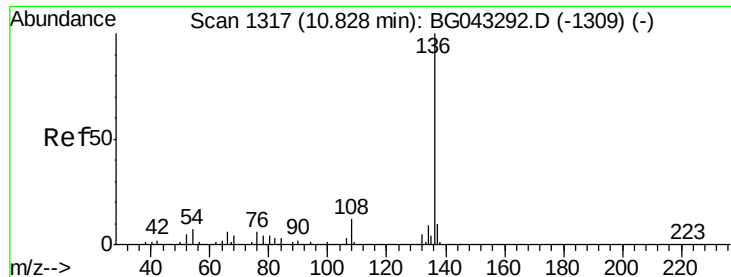
65 37.7 12.6 52.6

66 69.6 30.7 70.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

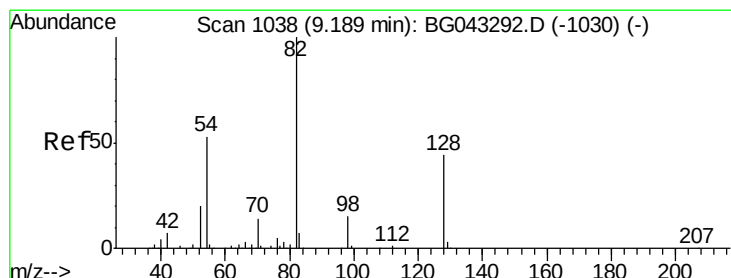
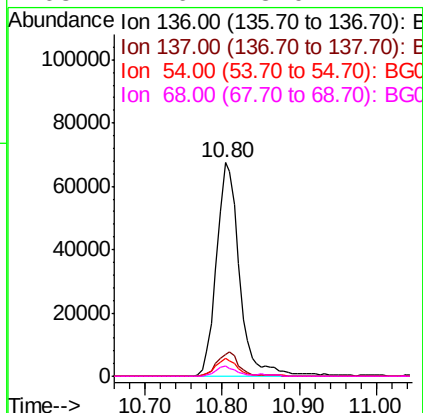
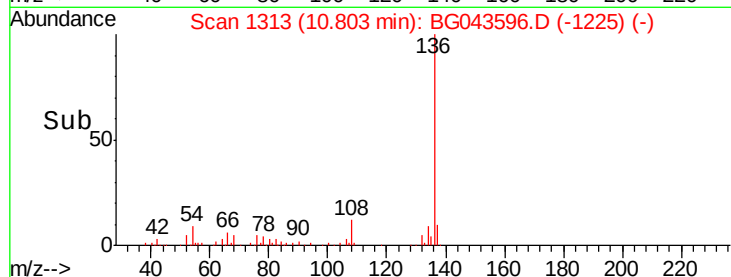
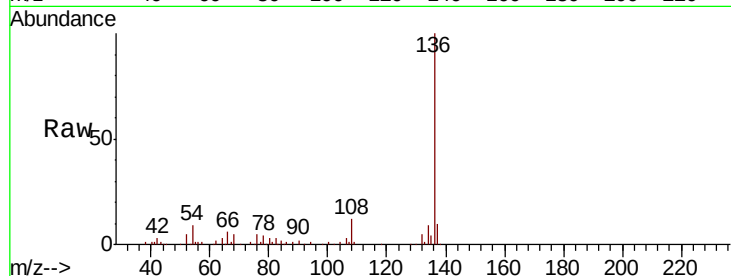




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043596.D
Acq: 11 Nov 2019 23:12

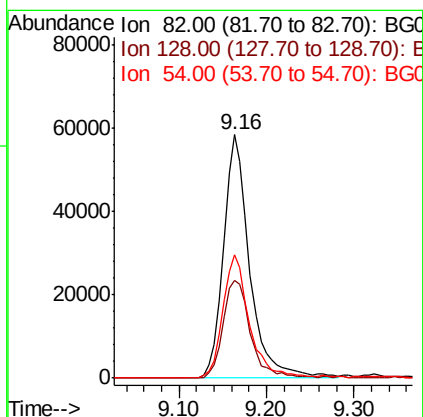
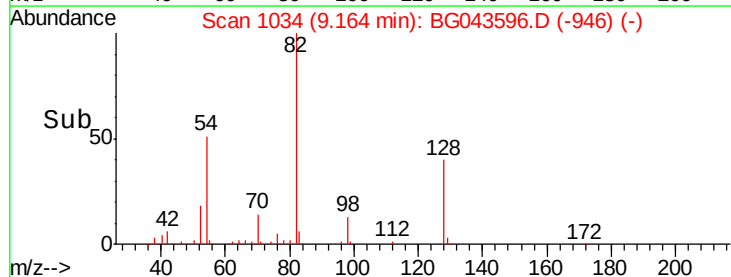
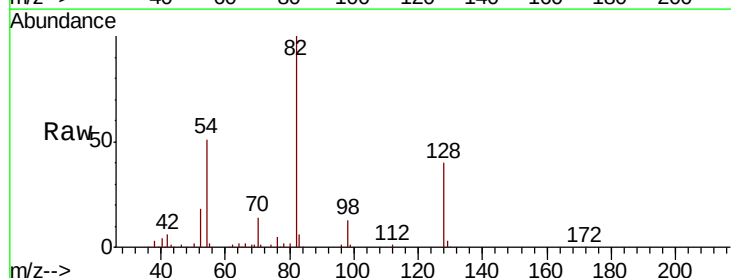
Instrument :
BNA_G
ClientSampleId :
CO-1008

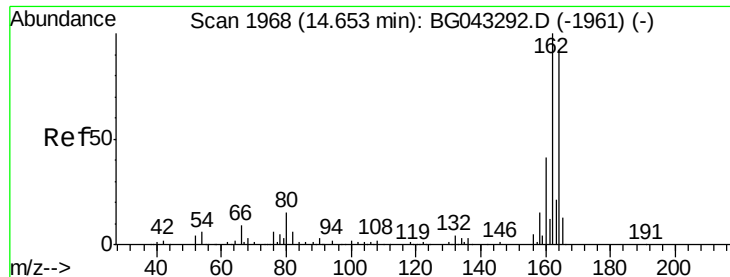
Tot Ion:136	Resp:	139900
Ion Ratio	Lower	Upper
136 100		
137 10.0	8.7	13.1
54 8.5	5.4	8.2#
68 4.6	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 44.170 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043596.D
Acq: 11 Nov 2019 23:12

Tgt Ion: 82	Resp: 119860
Ion Ratio	Lower Upper
82 100	
128 40.2	35.0 52.6
54 50.8	40.2 60.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043596.D

Acq: 11 Nov 2019 23:12

Instrument :

BNA_G

ClientSampleId :

CO-1008

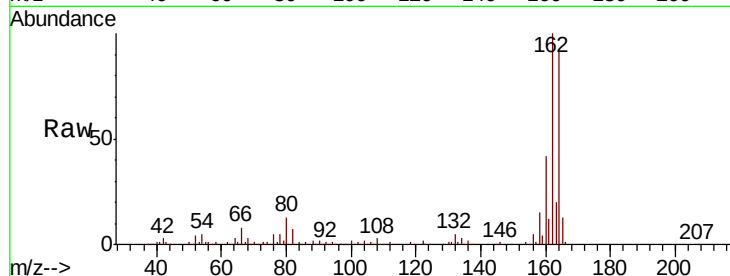
Tot Ion:164 Resp: 105403

Ion Ratio Lower Upper

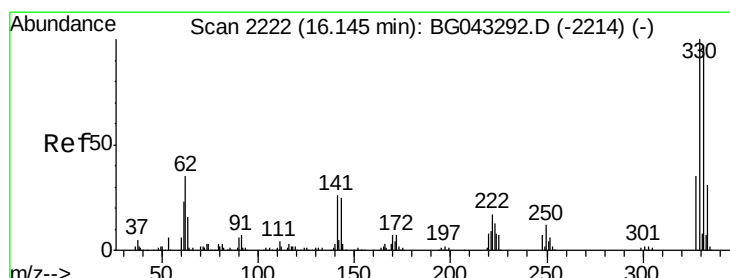
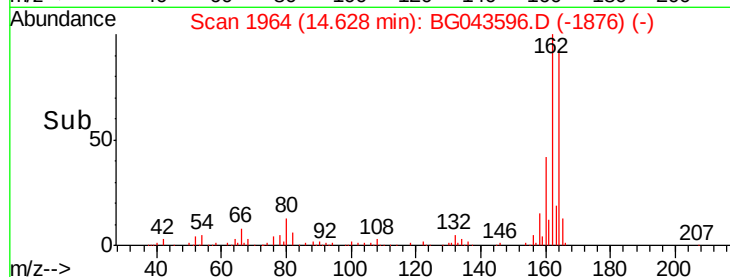
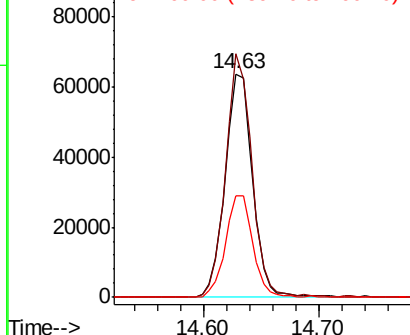
164 100

162 109.0 83.5 125.3

160 45.6 36.5 54.7



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



#42

2,4,6-Tribromophenol

Concen: 38.662 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043596.D

Acq: 11 Nov 2019 23:12

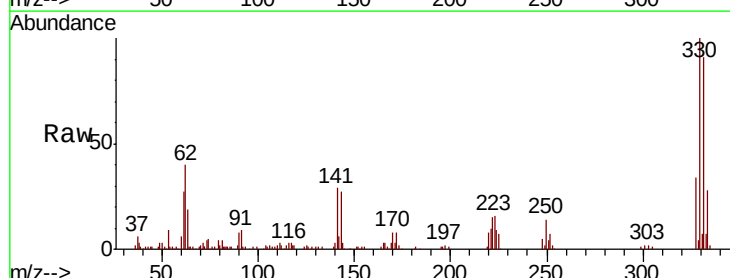
Tgt Ion:330 Resp: 77549

Ion Ratio Lower Upper

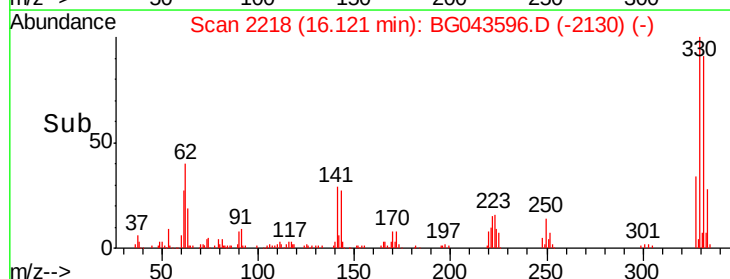
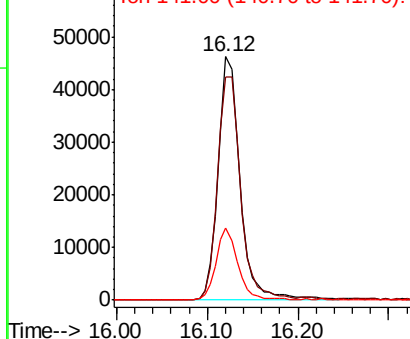
330 100

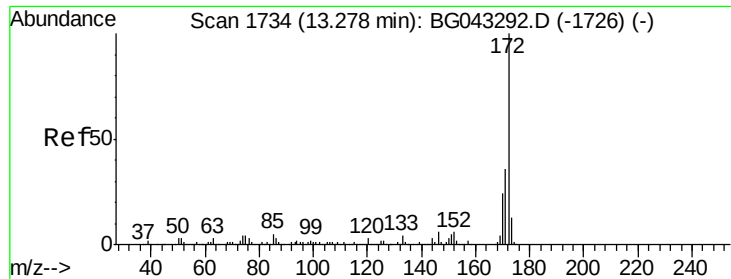
332 95.8 77.4 116.0

141 29.4 22.8 34.2



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

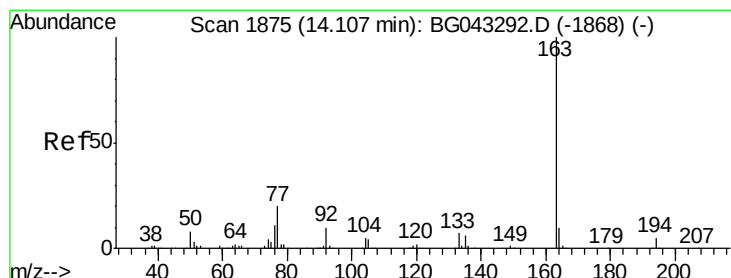
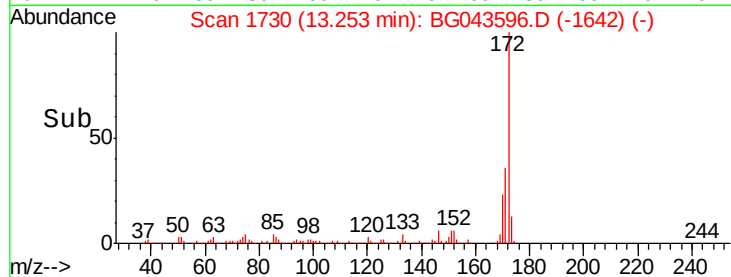
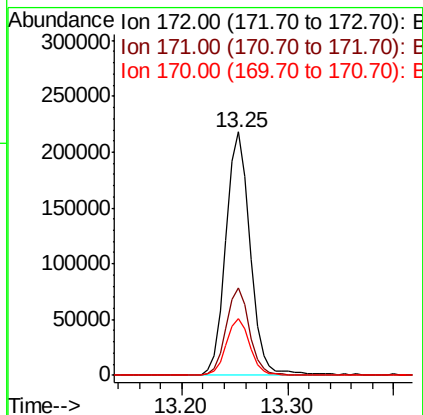
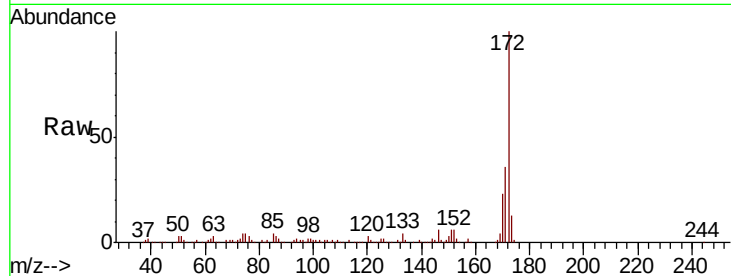




#45
2-Fluorobiphenyl
Concen: 45.610 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043596.D
Acq: 11 Nov 2019 23:12

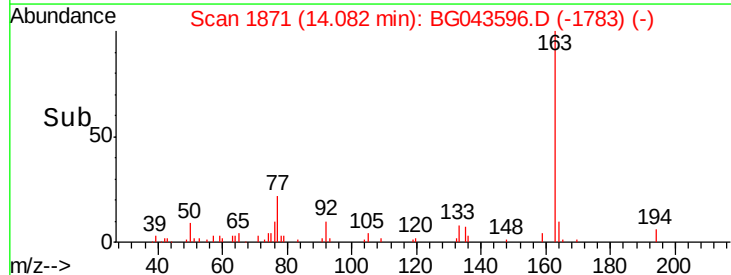
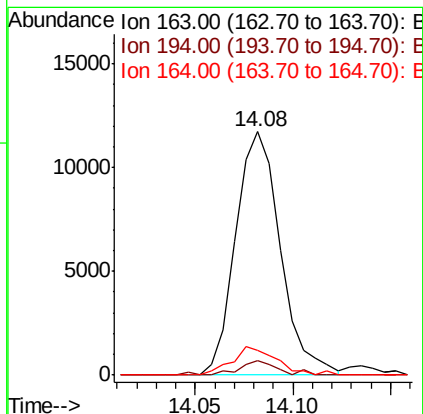
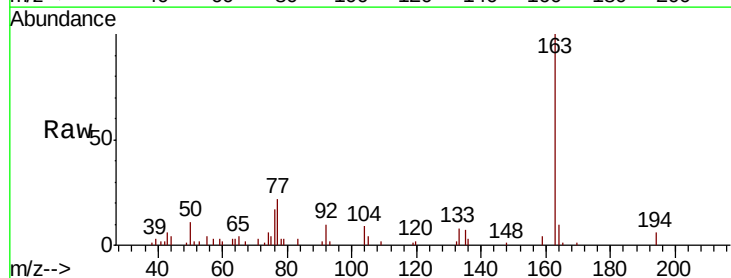
Instrument :
BNA_G
ClientSampled :
CO-1008

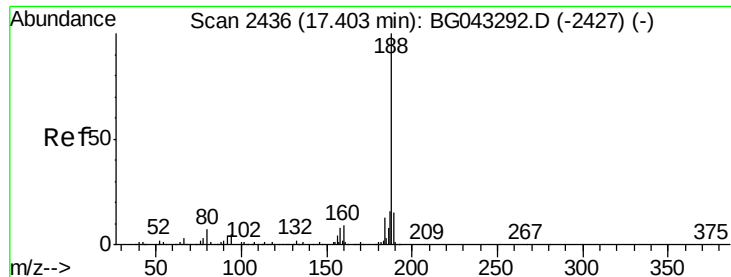
Tot Ion:172 Resp: 347913
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.4 18.5 27.7



#50
Dimethylphthalate
Concen: 2.280 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BG043596.D
Acq: 11 Nov 2019 23:12

Tgt Ion:163 Resp: 18614
Ion Ratio Lower Upper
163 100
194 5.8 3.8 5.6#
164 10.2 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043596.D

Acq: 11 Nov 2019 23:12

Instrument :

BNA_G

ClientSampleId :

CO-1008

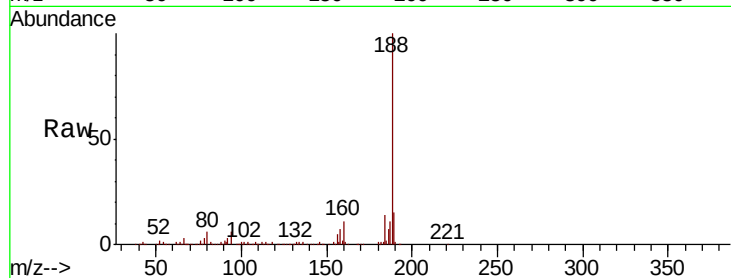
Tot Ion:188 Resp: 259017

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.4

80 6.4 4.5 6.7



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

200000

150000

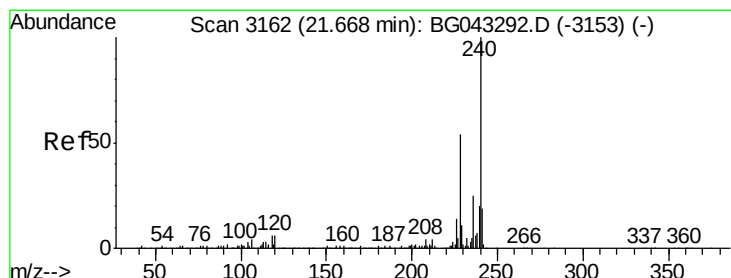
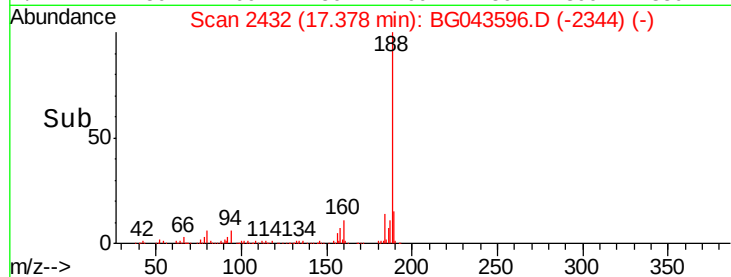
100000

50000

0

17.30 17.40 17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043596.D

Acq: 11 Nov 2019 23:12

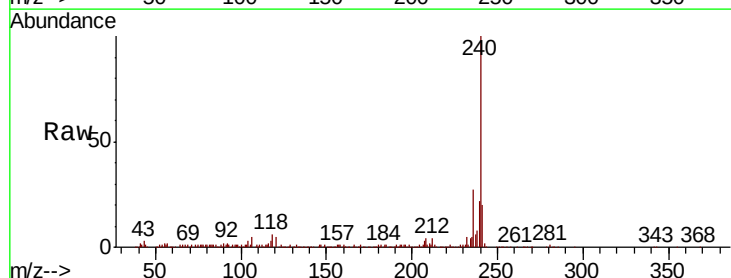
Tgt Ion:240 Resp: 202390

Ion Ratio Lower Upper

240 100

120 5.2 4.6 6.8

236 27.0 19.8 29.8



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

150000

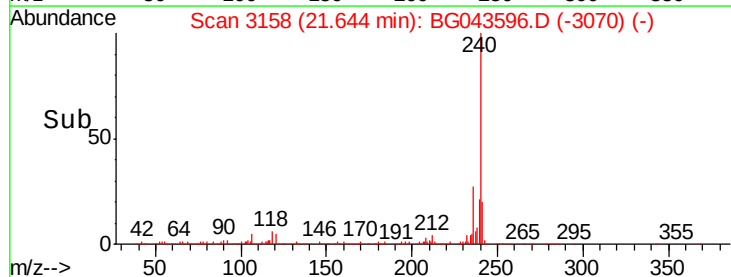
100000

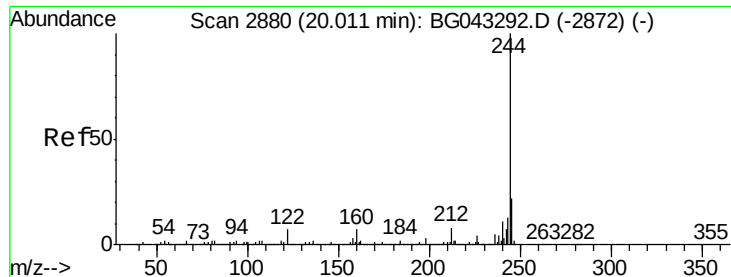
50000

0

21.60 21.70

Time-->





#79

Terphenyl-d14

Concen: 57.394 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043596.D

Acq: 11 Nov 2019 23:12

Instrument :

BNA_G

ClientSampleId :

CO-1008

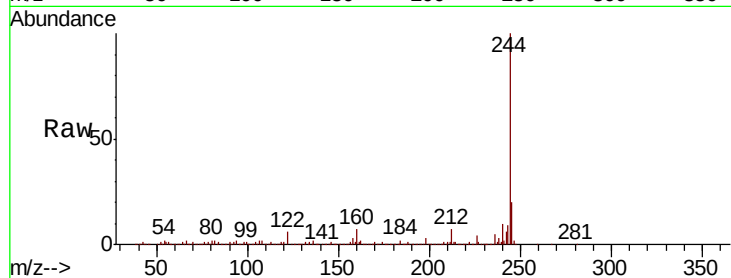
Tot Ion:244 Resp: 619170

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

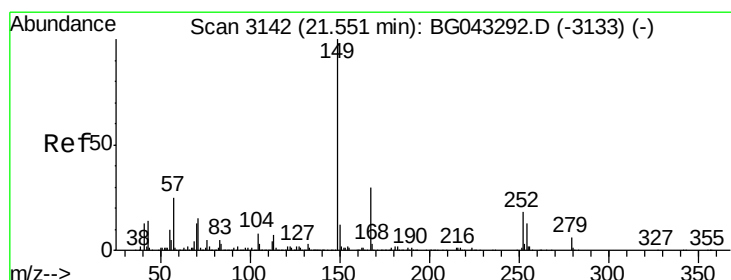
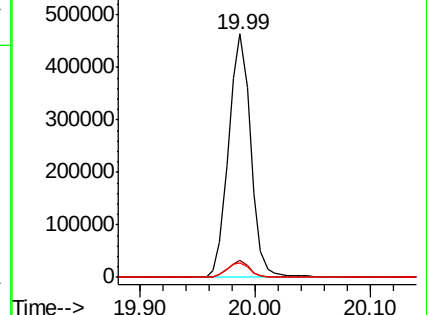
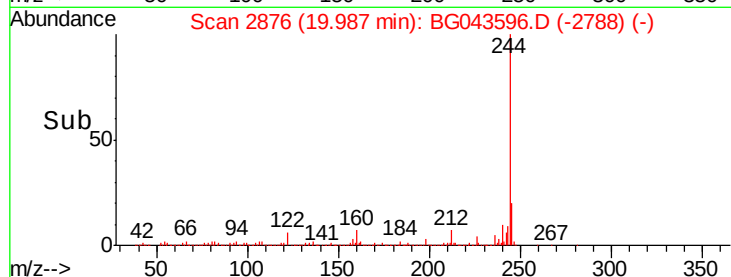
122 6.2 5.4 8.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.906 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG043596.D

Acq: 11 Nov 2019 23:12

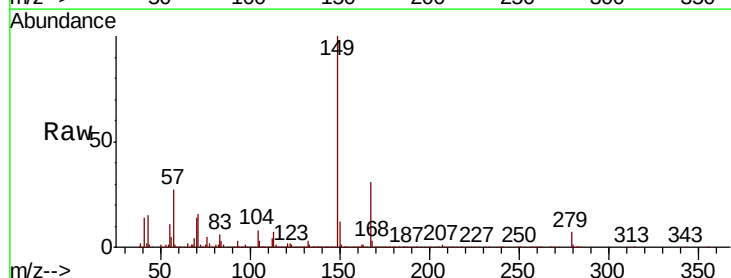
Tgt Ion:149 Resp: 538735

Ion Ratio Lower Upper

149 100

167 31.1 24.0 36.0

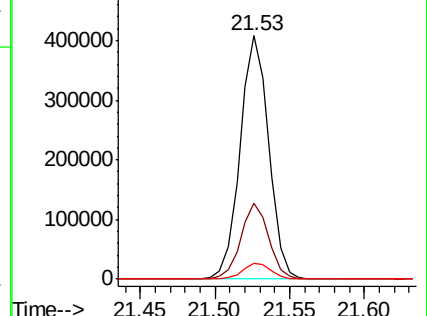
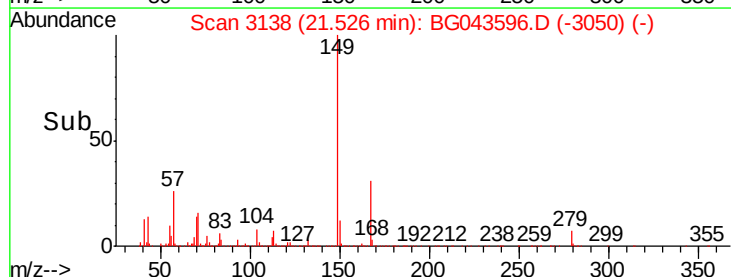
279 6.6 5.4 8.2

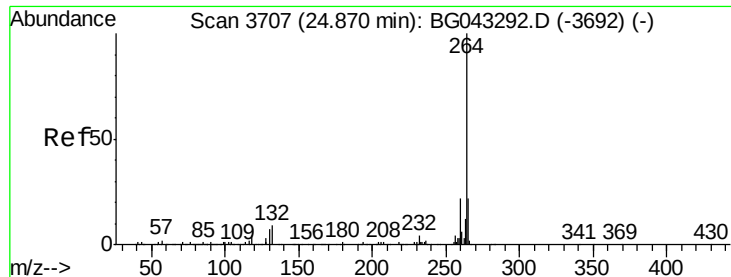


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3699
 Delta R.T. -0.03 min
 Lab File: BG043596.D
 Acq: 11 Nov 2019 23:12

Instrument :
 BNA_G
 ClientSampleId :
 CO-1008

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.5	26.3
265	21.2	17.4	26.0

