

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044112.D
 Acq On : 21 Jan 2020 00:15
 Operator : JU
 Sample : L1184-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F1-F2

Quant Time: Jan 21 07:21:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

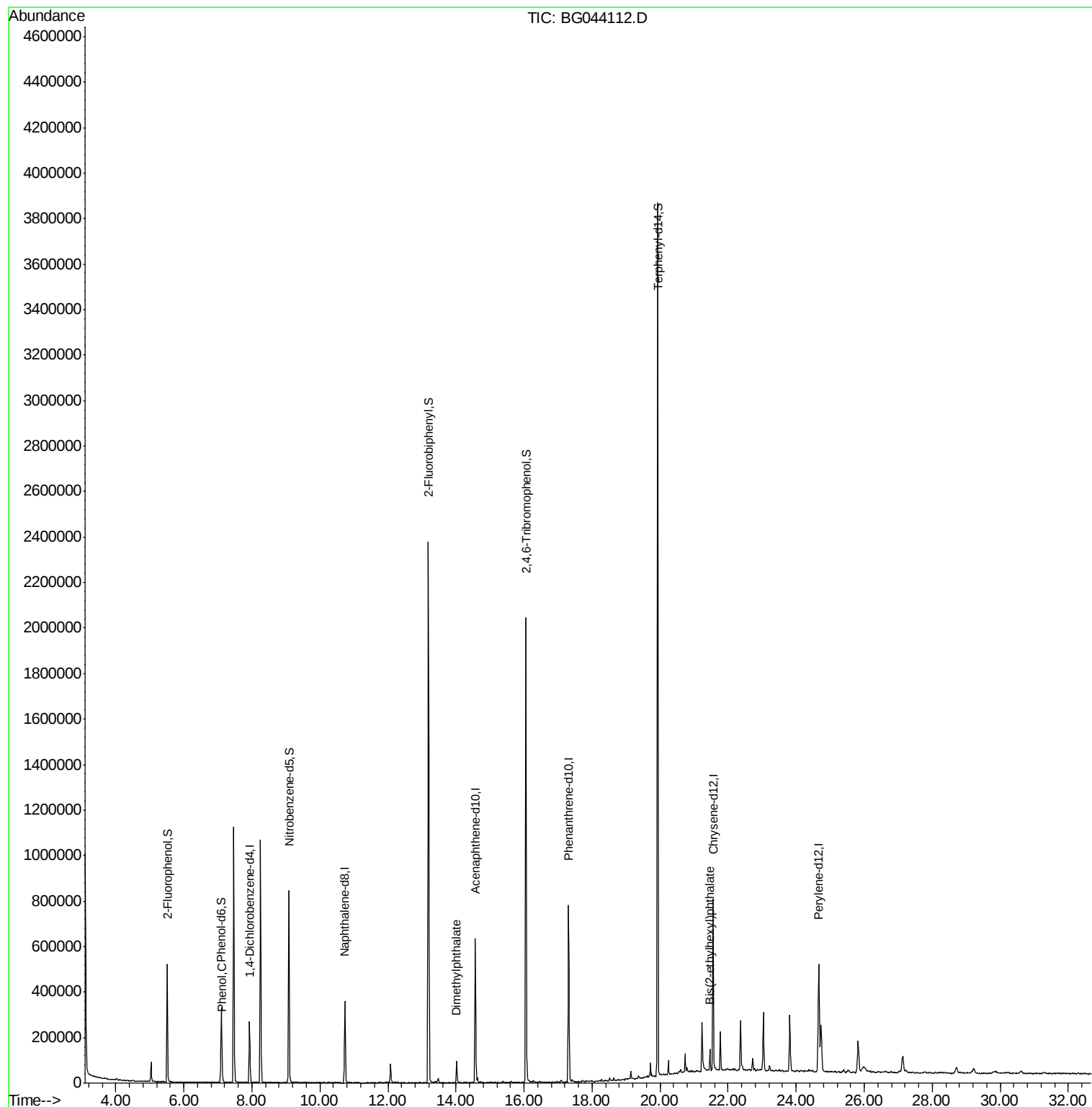
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76822	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	338895	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	236428	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	508595	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	431327	20.00	ng	-0.03
87) Perylene-d12	24.66	264	485021	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	255709	61.12	ng	-0.03
7) Phenol-d6	7.10	99	218558	37.37	ng	-0.03
23) Nitrobenzene-d5	9.09	82	543145	85.74	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	385745	155.91	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1279035	98.01	ng	-0.03
79) Terphenyl-d14	19.93	244	1814879	108.87	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	25932	4.304	ng	97
50) Dimethylphthalate	14.02	163	72975	4.347	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	37203	2.012	ng	95

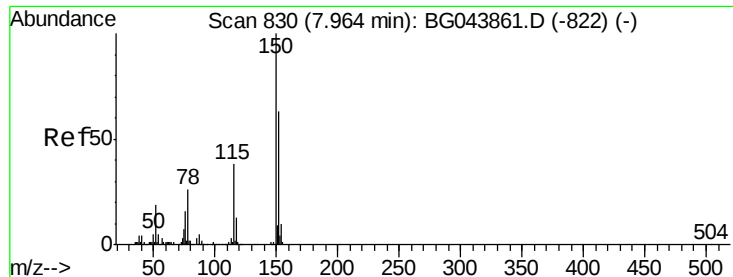
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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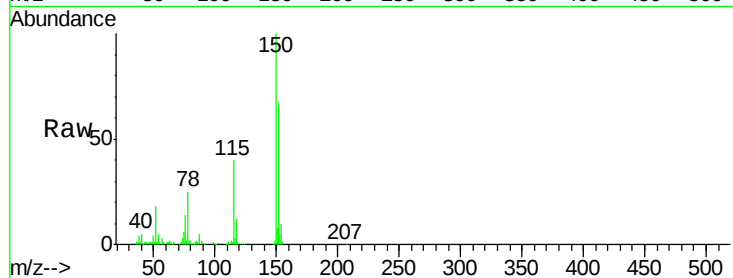


#1

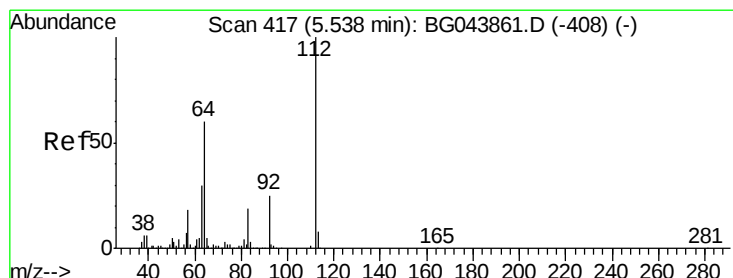
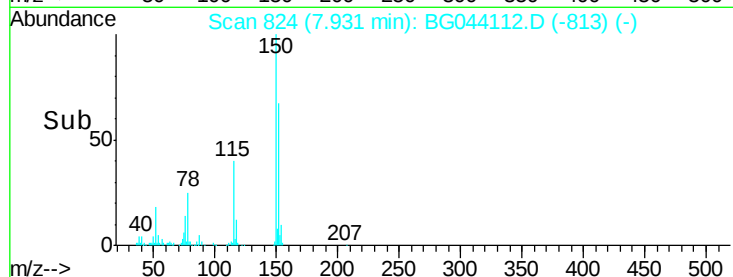
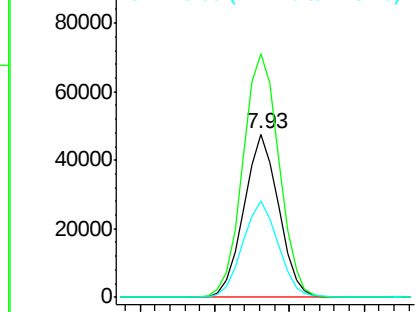
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Instrument :
BNA_G
ClientSampleId :
F1-F2

Tot Ion:152 Resp: 76822
Ion Ratio Lower Upper
152 100
150 149.1 127.0 190.4
115 59.0 47.8 71.8



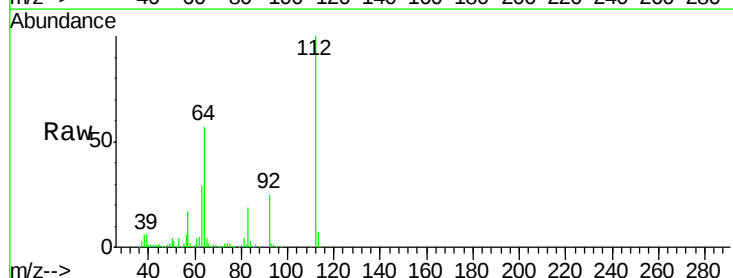
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



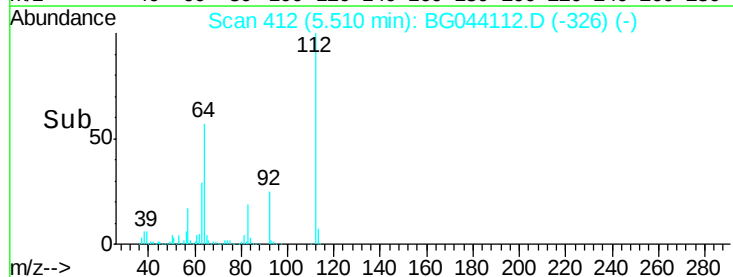
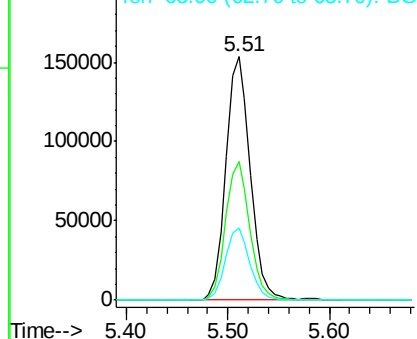
#5

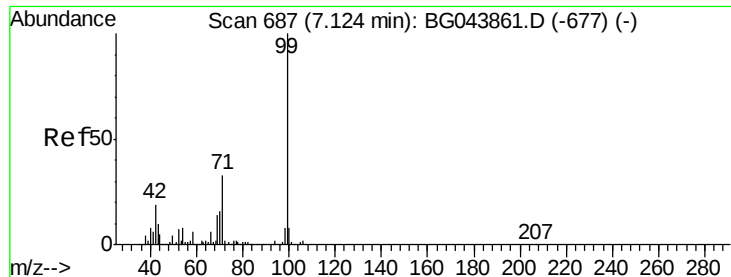
2-Fluorophenol
Concen: 61.117 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:112 Resp: 255709
Ion Ratio Lower Upper
112 100
64 56.9 47.8 71.6
63 29.5 24.3 36.5



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: 37.371 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044112.D

Acq: 21 Jan 2020 00:15

Instrument :

BNA_G

ClientSampleId :

F1-F2

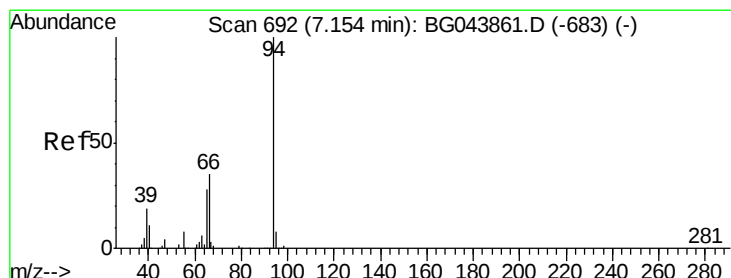
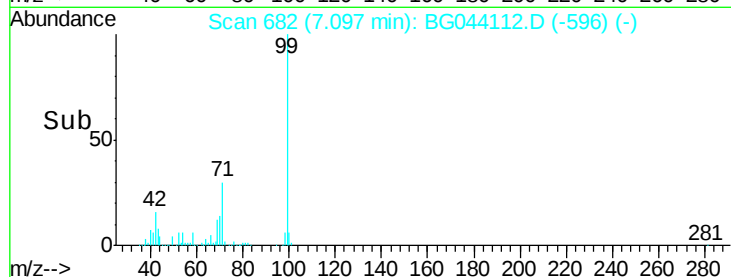
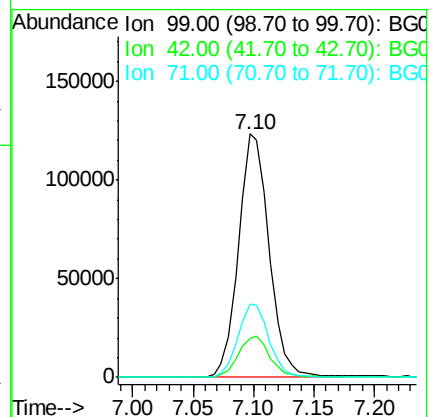
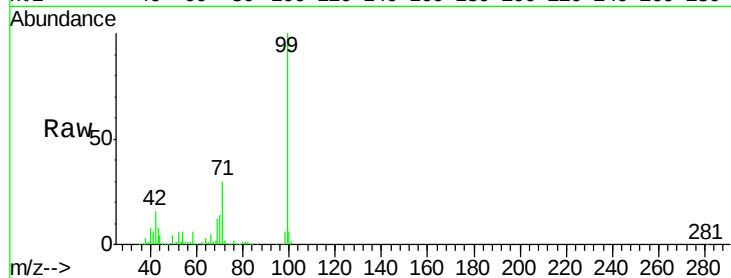
Tot Ion: 99 Resp: 218558

Ion Ratio Lower Upper

99 100

42 15.9 14.9 22.3

71 30.4 26.4 39.6



#10

Phenol

Concen: 4.304 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044112.D

Acq: 21 Jan 2020 00:15

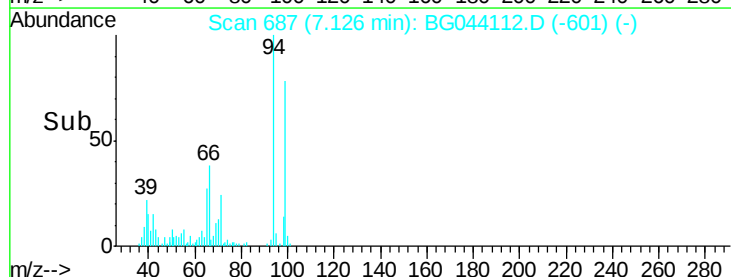
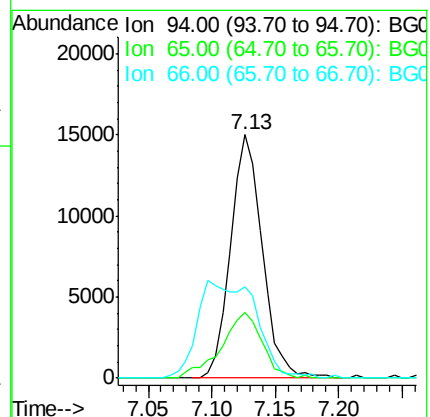
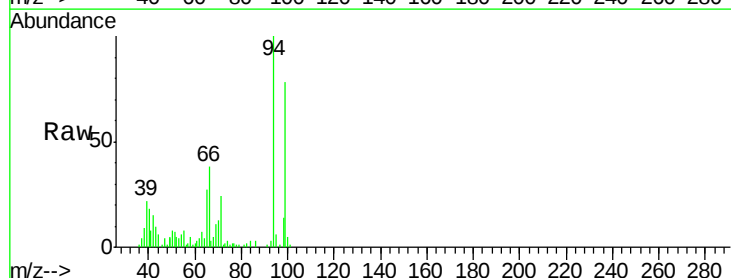
Tgt Ion: 94 Resp: 25932

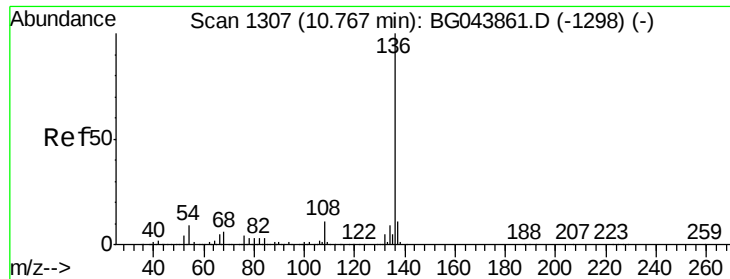
Ion Ratio Lower Upper

94 100

65 27.2 8.1 48.1

66 37.5 15.6 55.6

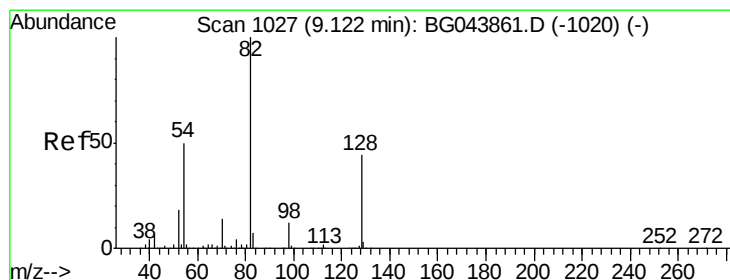
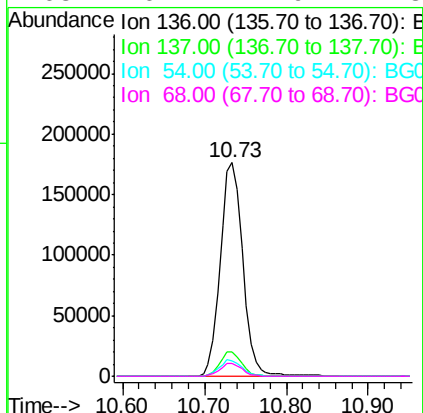
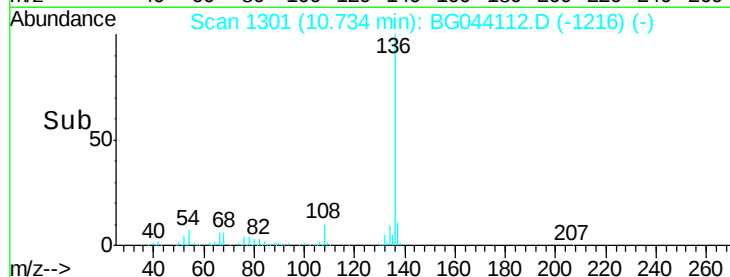
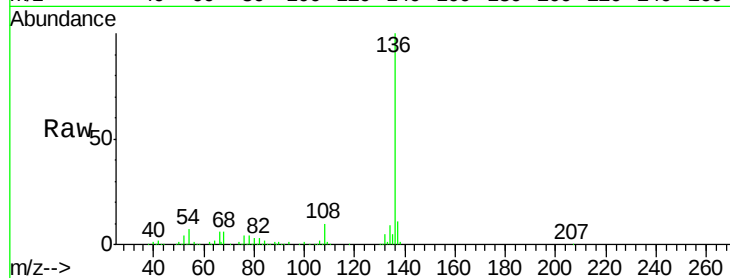




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

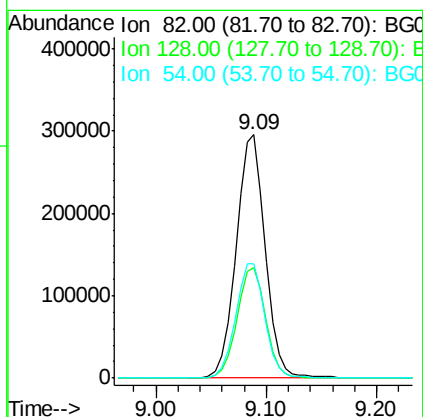
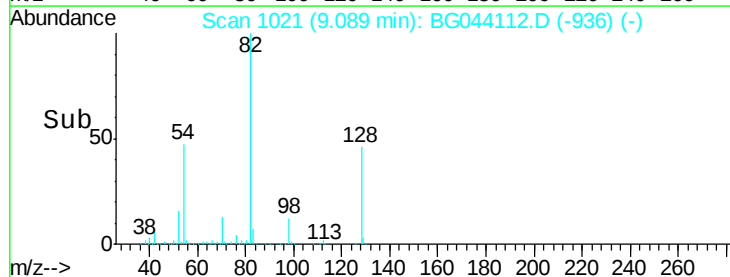
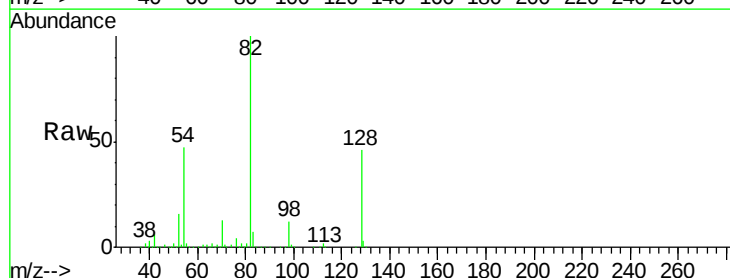
Instrument :
BNA_G
ClientSampled :
F1-F2

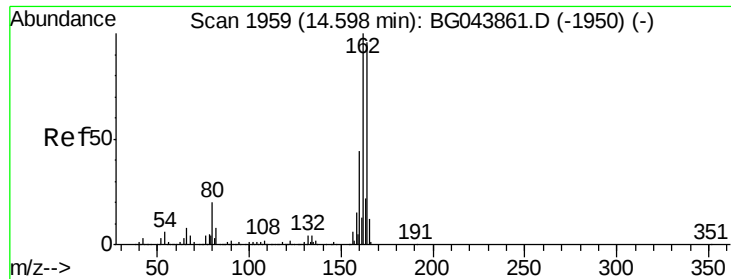
Tot Ion:136	Resp:	338895
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 7.1	7.0	10.4
68 6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 85.738 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion: 82	Resp: 543145
Ratio 100	Lower Upper
128 45.6	35.1 52.7
54 46.9	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044112.D

Acq: 21 Jan 2020 00:15

Instrument :

BNA_G

ClientSampleId :

F1-F2

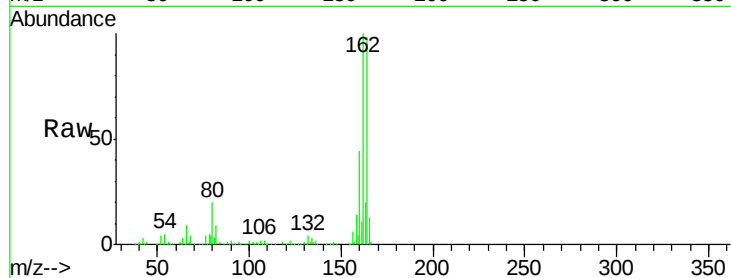
Tot Ion:164 Resp: 236428

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.4

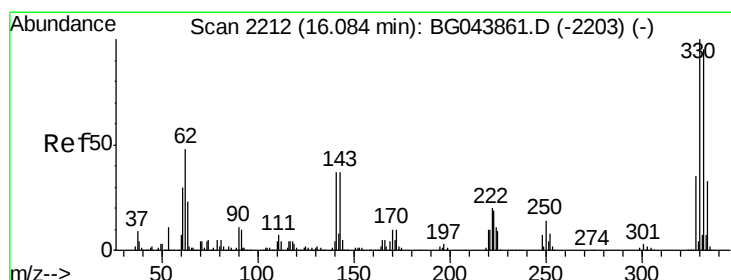
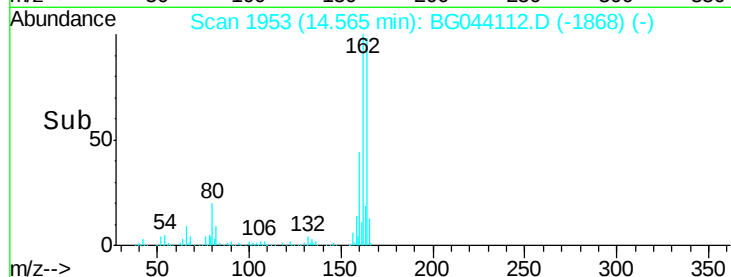
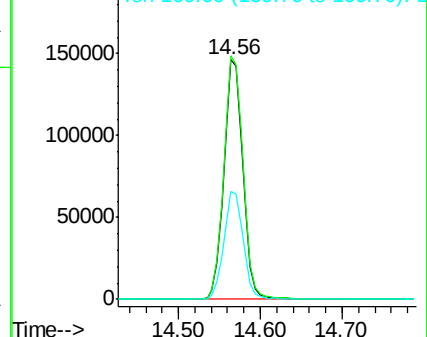
160 45.0 36.1 54.1



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: 155.909 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044112.D

Acq: 21 Jan 2020 00:15

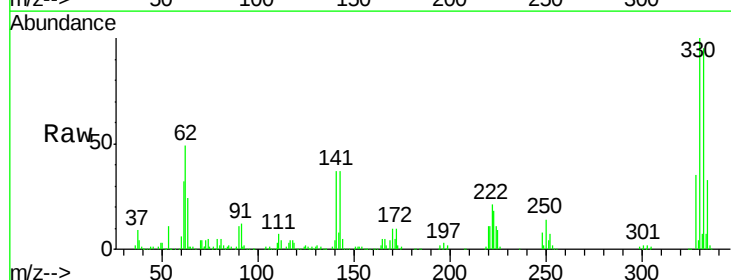
Tgt Ion:330 Resp: 385745

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

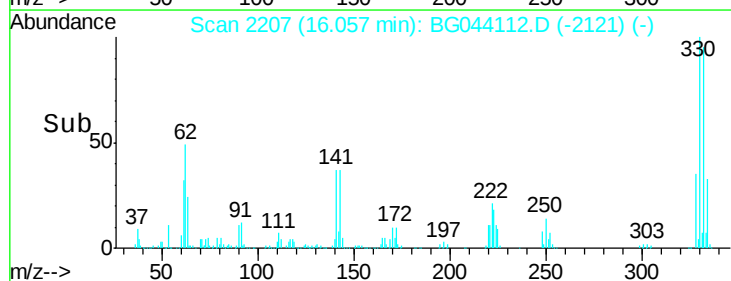
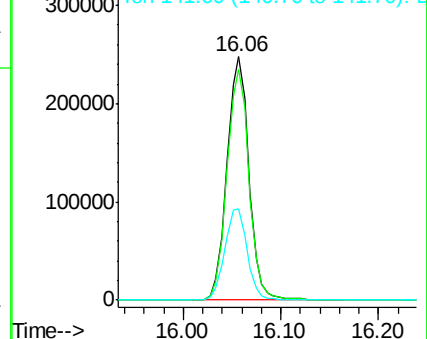
141 38.7 33.1 49.7

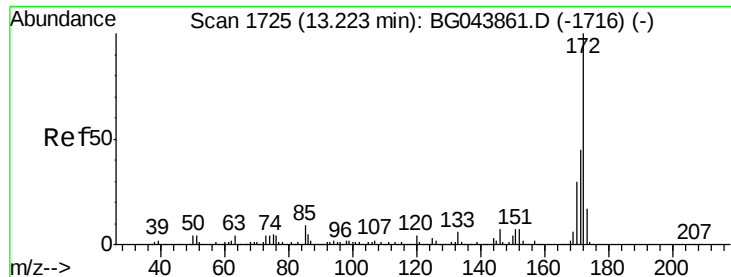


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

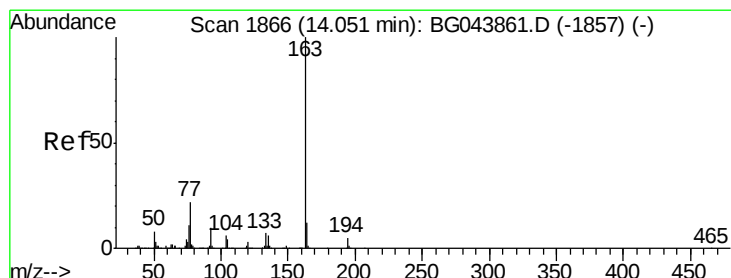
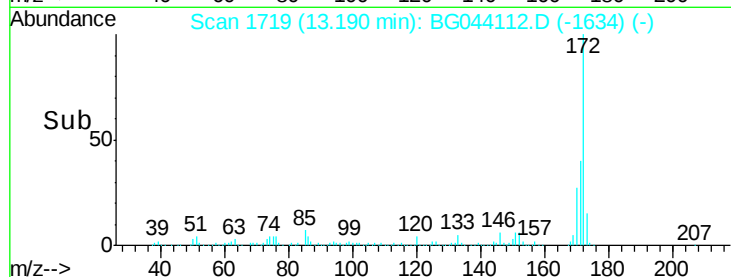
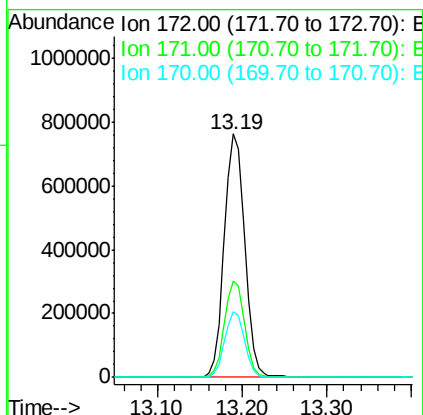
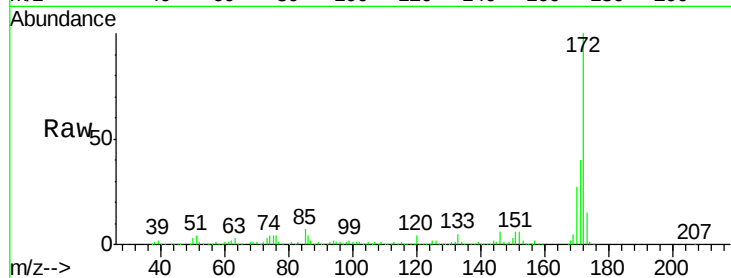




#45
2-Fluorobiphenyl
Concen: 98.014 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

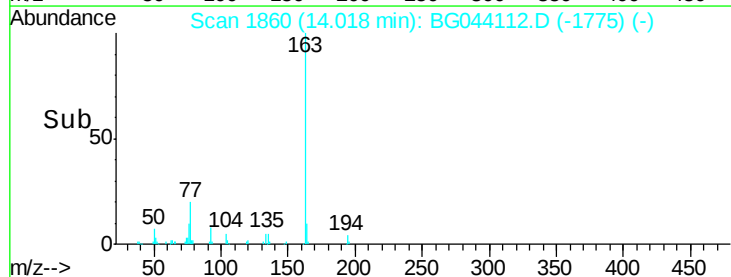
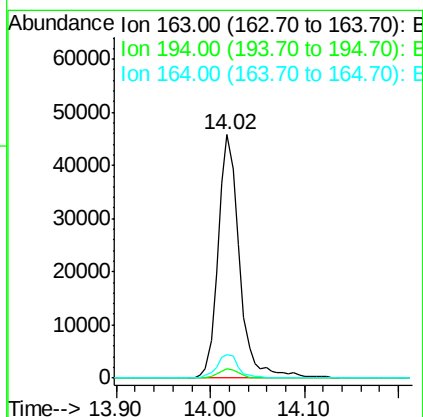
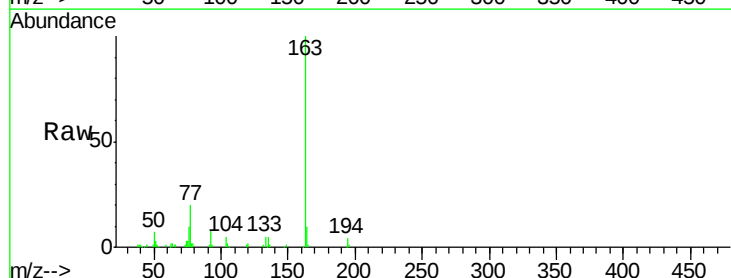
Instrument :
BNA_G
ClientSampleId :
F1-F2

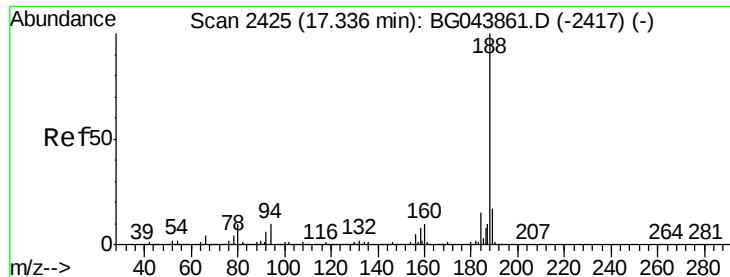
Tot Ion:172 Resp: 1279035
Ion Ratio Lower Upper
172 100
171 39.6 35.8 53.8
170 27.1 24.2 36.4



#50
Dimethylphthalate
Concen: 4.347 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044112.D
Acq: 21 Jan 2020 00:15

Tgt Ion:163 Resp: 72975
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 9.7 9.3 13.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044112.D

Acq: 21 Jan 2020 00:15

Instrument :

BNA_G

ClientSampleId :

F1-F2

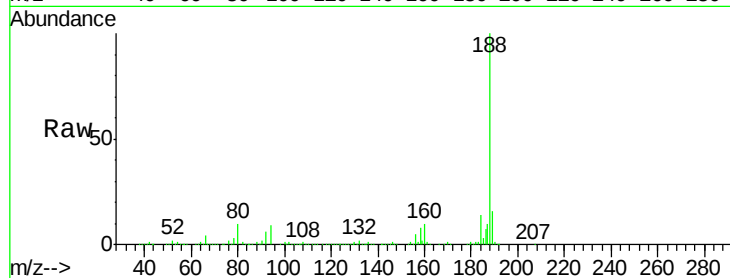
Tot Ion:188 Resp: 508595

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

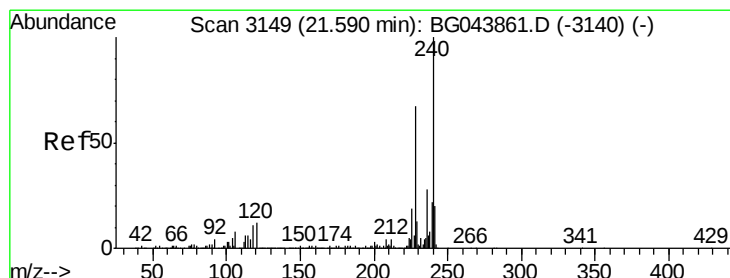
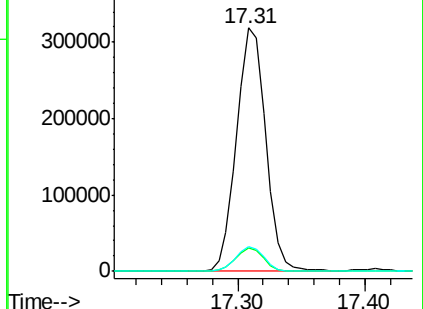
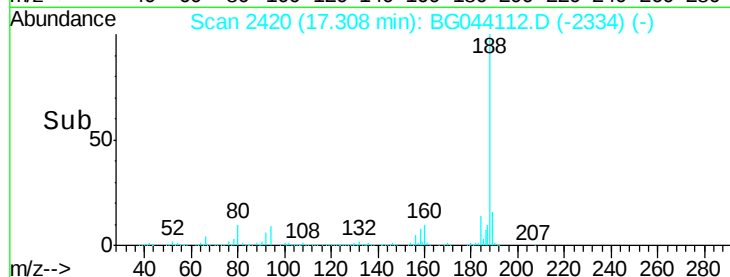
80 10.3 8.2 12.4



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: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044112.D

Acq: 21 Jan 2020 00:15

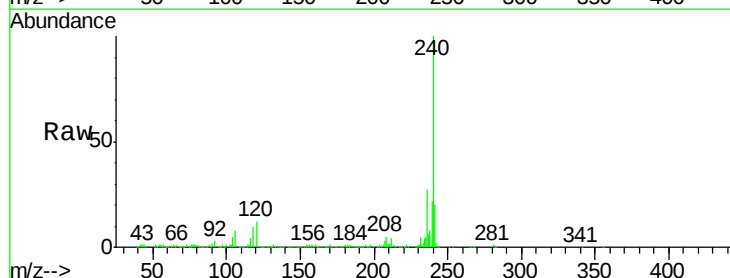
Tgt Ion:240 Resp: 431327

Ion Ratio Lower Upper

240 100

120 11.5 9.6 14.4

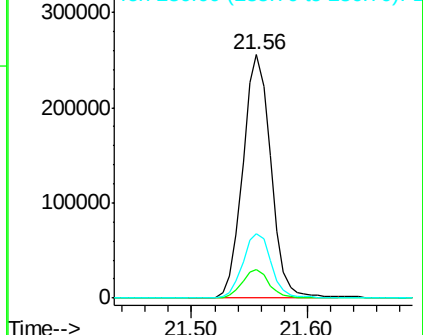
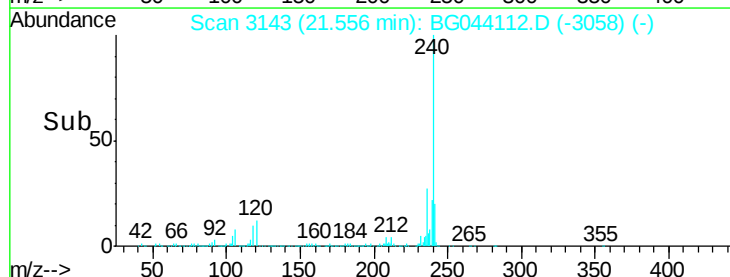
236 26.6 22.2 33.2

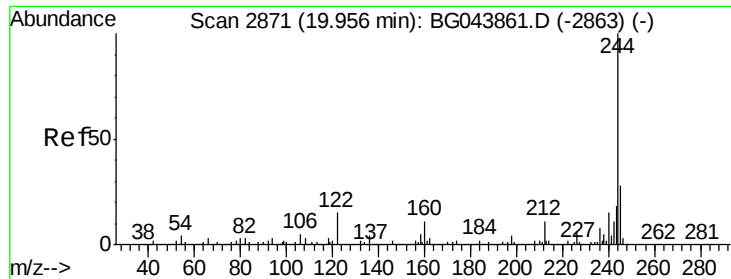


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.870 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044112.D

Acq: 21 Jan 2020 00:15

Instrument :

BNA_G

ClientSampleId :

F1-F2

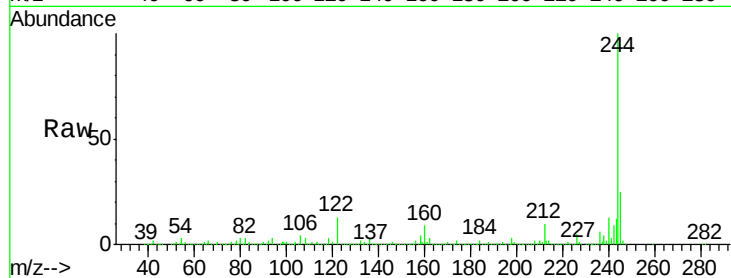
Tot Ion:244 Resp: 1814879

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.6	13.0
122	12.6	11.9	17.9

244 100

212 9.5 8.6 13.0

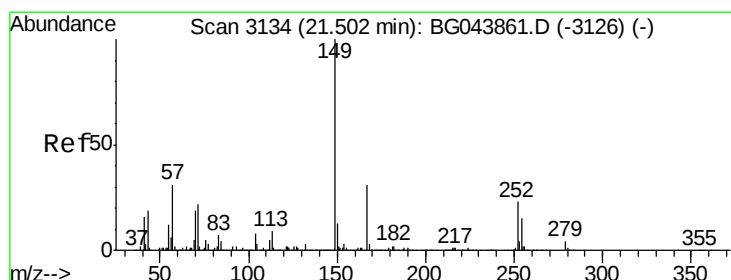
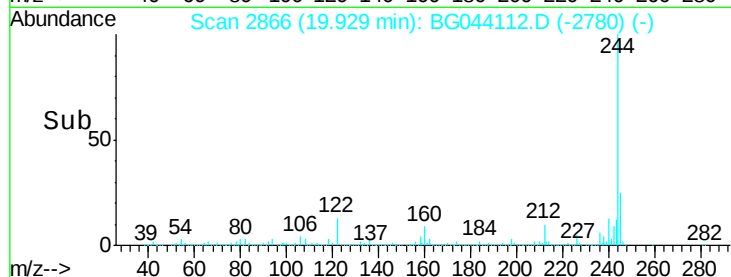
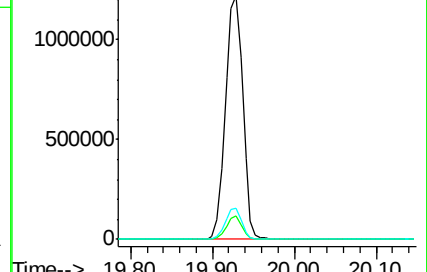
122 12.6 11.9 17.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.012 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044112.D

Acq: 21 Jan 2020 00:15

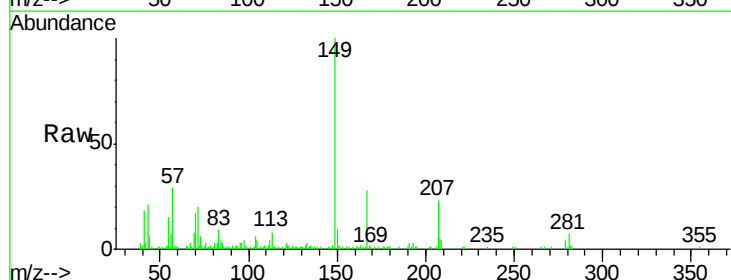
Tgt Ion:149 Resp: 37203

Ion	Ratio	Lower	Upper
149	100		
167	27.6	24.7	37.1
279	3.9	3.3	4.9

149 100

167 27.6 24.7 37.1

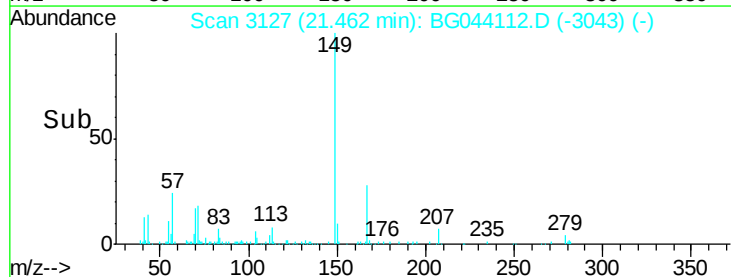
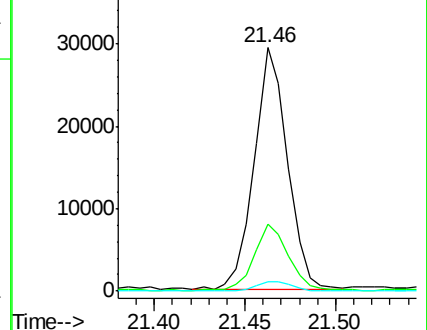
279 3.9 3.3 4.9

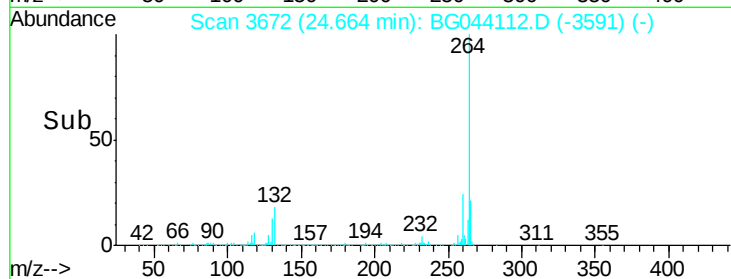
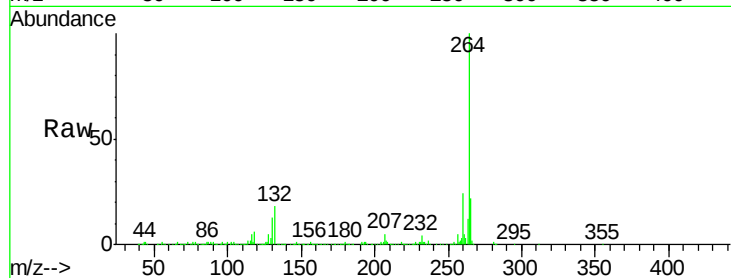
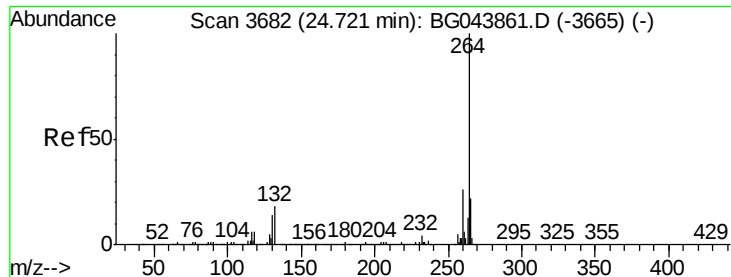


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.66 min Scan# 3672
 Delta R.T. -0.06 min
 Lab File: BG044112.D
 Acq: 21 Jan 2020 00:15

Instrument :
 BNA_G
 ClientSampleId :
 F1-F2

Tot Ion:264	Resp:	485021
Ion	Ratio	Lower Upper
264	100	
260	23.9	20.4 30.6
265	21.6	17.4 26.2

