

Data File : BG044069.D
Acq On : 16 Jan 2020 15:22
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Quant Time: Jan 17 06:39:55 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	7.94	152	107941	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	433861	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	263601	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	577759	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	552215	20.00	ng	-0.03
87) Perylene-d12	24.67	264	625915	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	586407	99.75	ng	-0.02
7) Phenol-d6	7.11	99	801396	97.52	ng	-0.01
23) Nitrobenzene-d5	9.09	82	460549	56.79	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	288856	104.71	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1003135	68.95	ng	-0.02
79) Terphenyl-d14	19.93	244	1578430	64.27	ng	-0.02

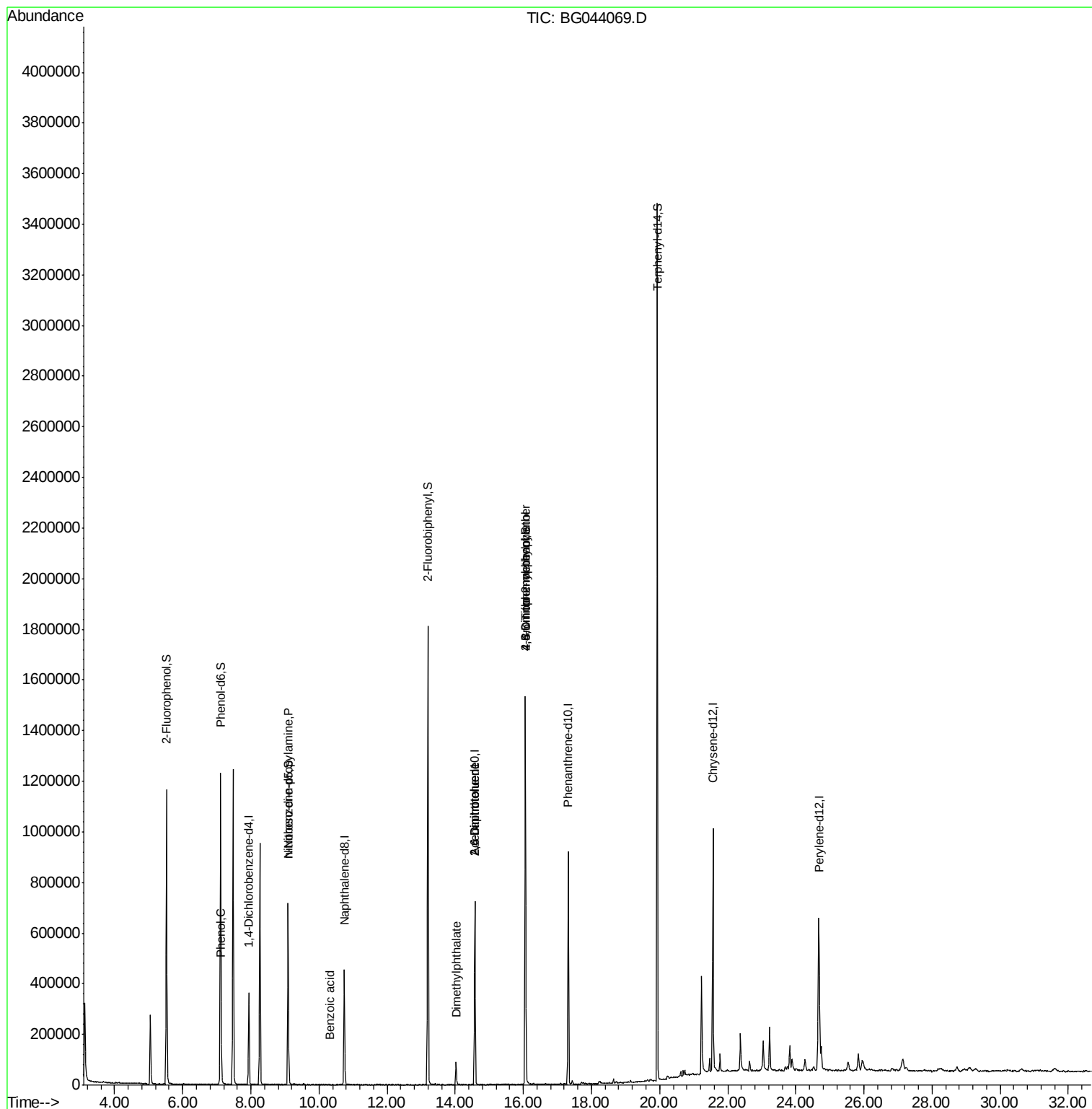
Target Compounds				Qvalue		
10) Phenol	7.14	94	18753	2.215	ng	83
19) n-Nitroso-di-n-propylamine	9.09	70	59464	9.717	ng	# 78
32) Benzoic acid	10.31	122	57	6.273	ng	# 1
50) Dimethylphthalate	14.03	163	72668	3.883	ng	# 94
51) 2,6-Dinitrotoluene	14.57	165	33825	7.996	ng	# 26
57) 2,4-Dinitrotoluene	14.57	165	33825	5.876	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.06	198	949	4.679	ng	# 1
67) 4-Bromophenyl-phenylether	16.06	248	20289	3.122	ng	# 1

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

Data File : BG044069.D
Acq On : 16 Jan 2020 15:22
Operator : JU
Sample : L1125-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Quant Time: Jan 17 06:39:55 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



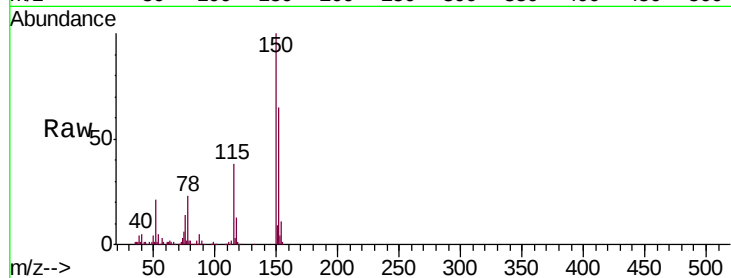


#1

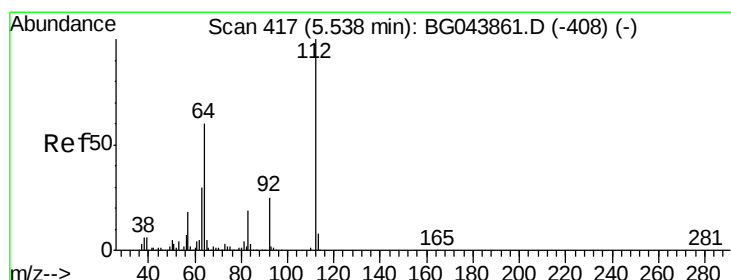
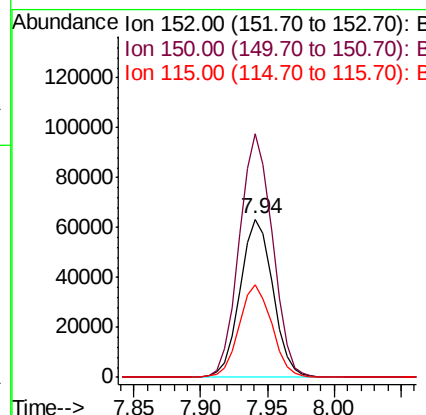
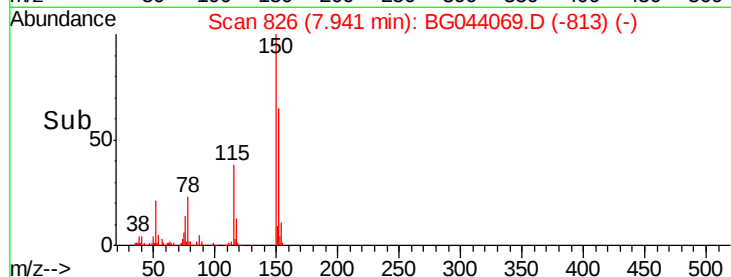
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

Tgt Ion:152 Resp: 107941
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.4
115 58.6 47.8 71.8



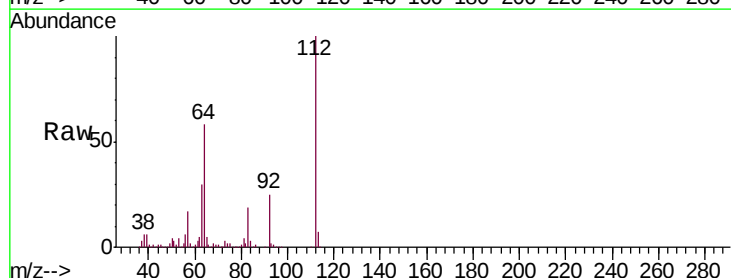
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



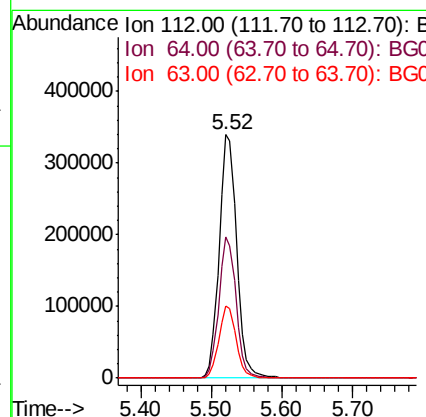
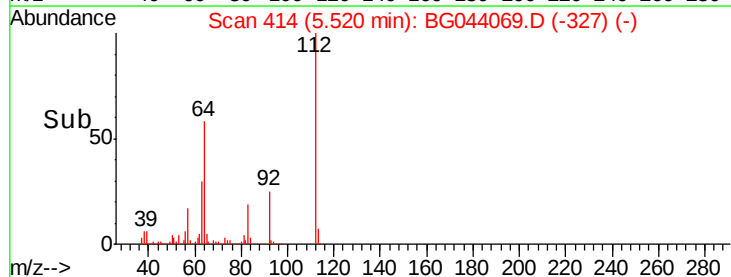
#5

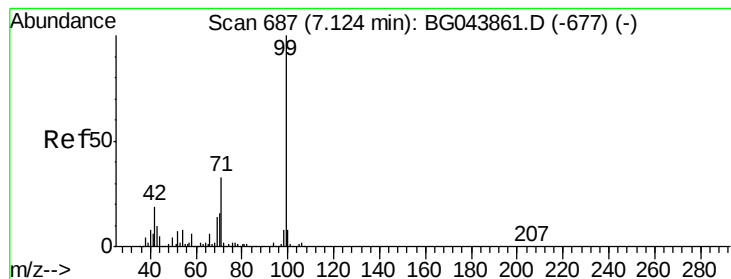
2-Fluorophenol
Concen: 99.750 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:112 Resp: 586407
Ion Ratio Lower Upper
112 100
64 57.8 47.8 71.6
63 29.8 24.3 36.5



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: 97.524 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

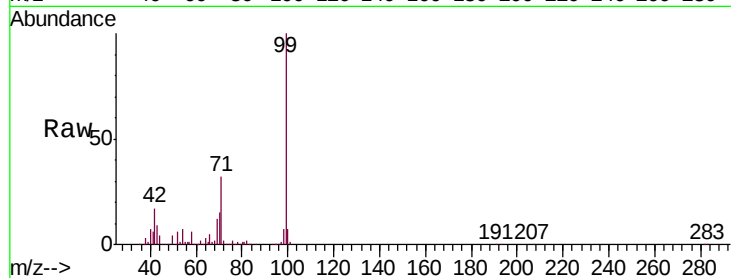
Tgt Ion: 99 Resp: 801396

Ion Ratio Lower Upper

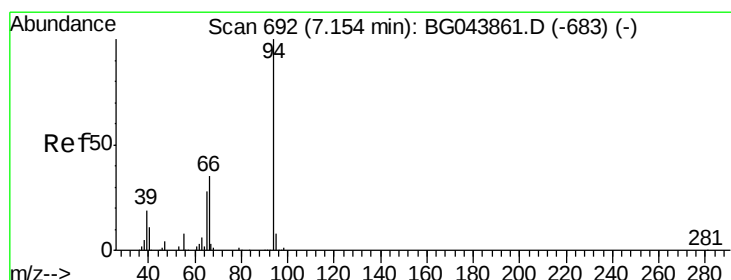
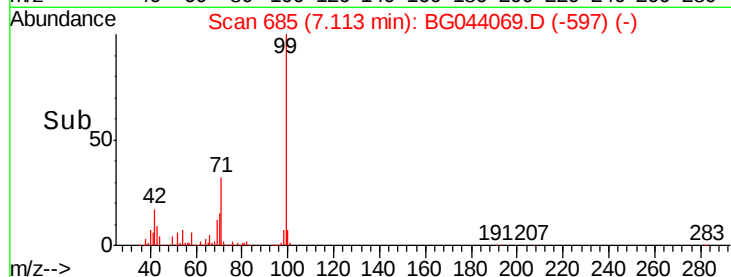
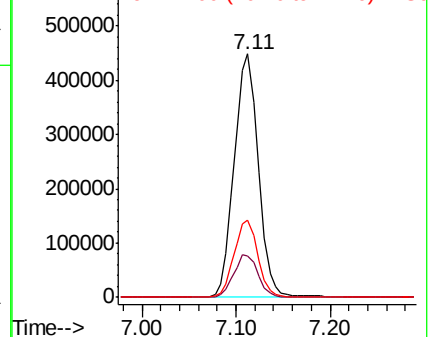
99 100

42 17.2 14.9 22.3

71 31.6 26.4 39.6



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: 2.215 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

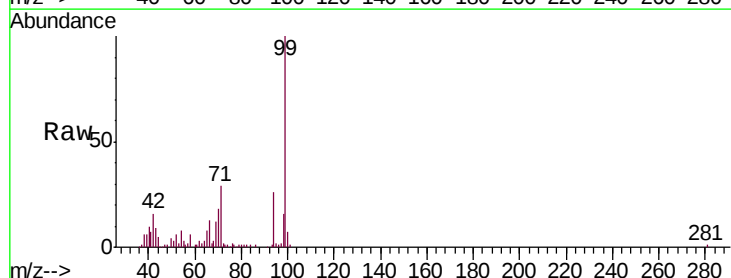
Tgt Ion: 94 Resp: 18753

Ion Ratio Lower Upper

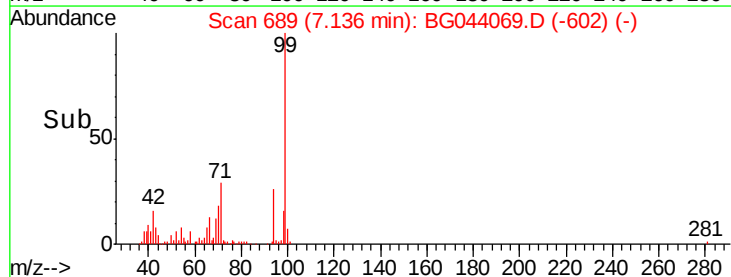
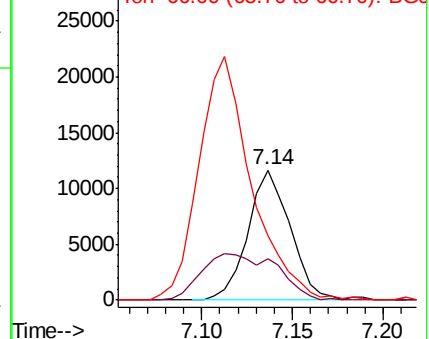
94 100

65 32.2 8.1 48.1

66 49.4 15.6 55.6



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

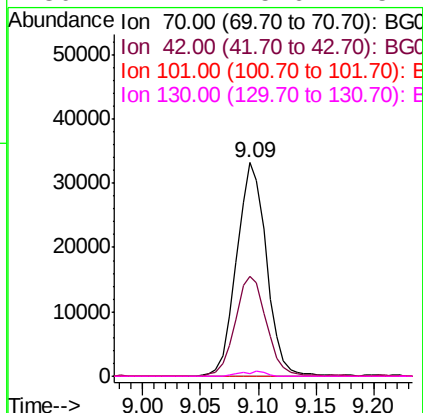
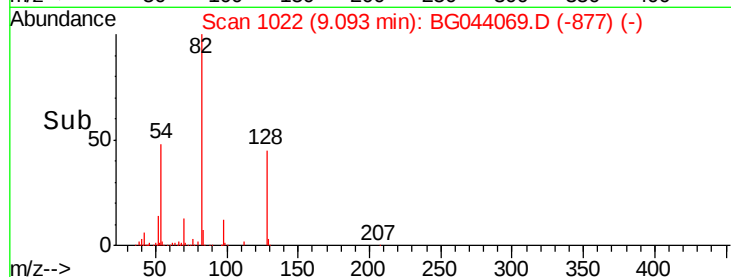
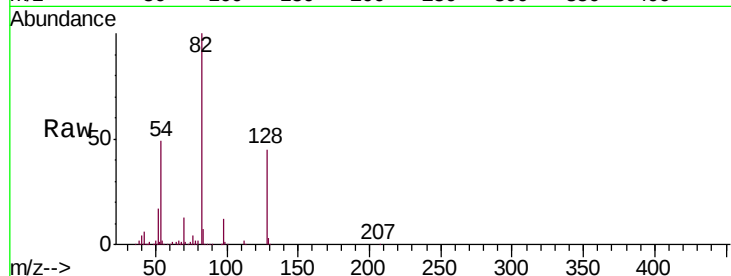




#19
n-Nitroso-di-n-propylamine
Concen: 9.717 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.32 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

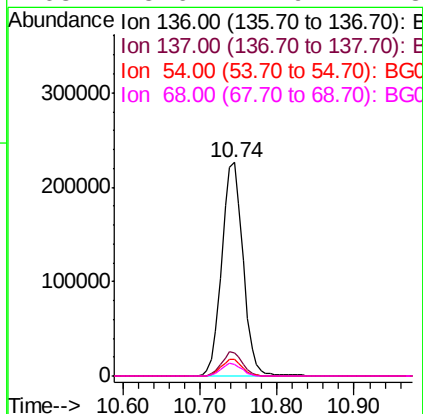
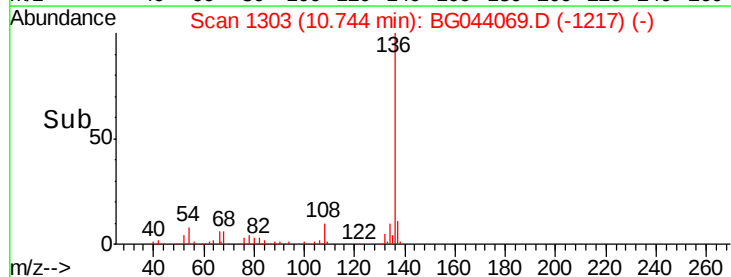
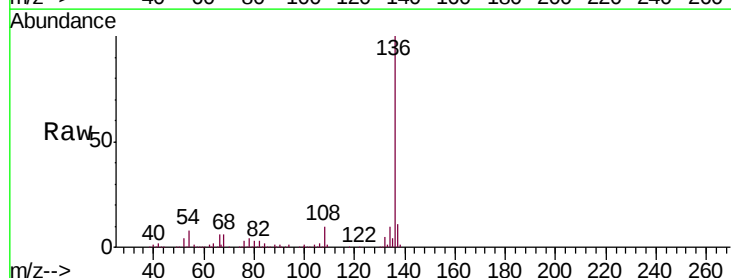
Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

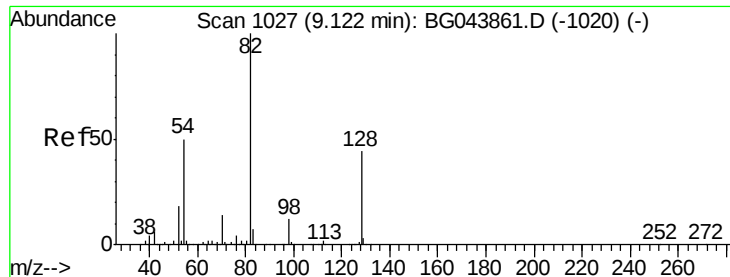
Tgt Ion: 70 Resp: 59464
Ion Ratio Lower Upper
70 100
42 46.9 47.0 70.4#
101 0.0 7.2 10.8#
130 1.4 15.6 23.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion: 136 Resp: 433861
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 7.0 10.4
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 56.787 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

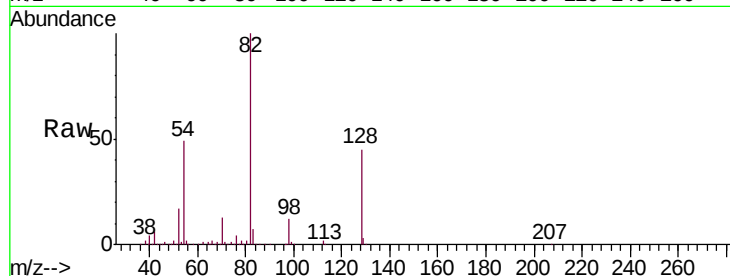
Tgt Ion: 82 Resp: 460549

Ion Ratio Lower Upper

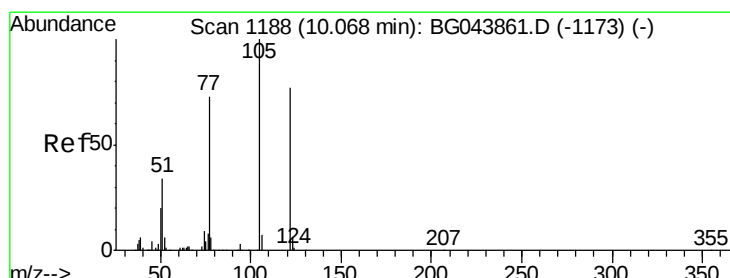
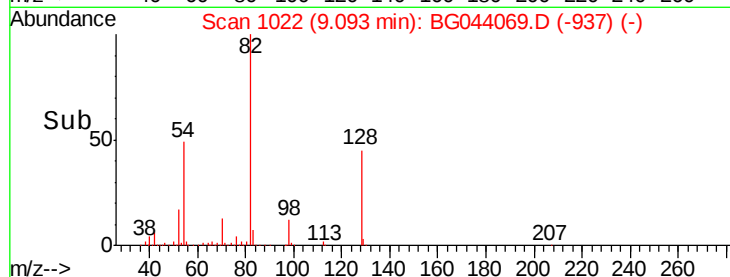
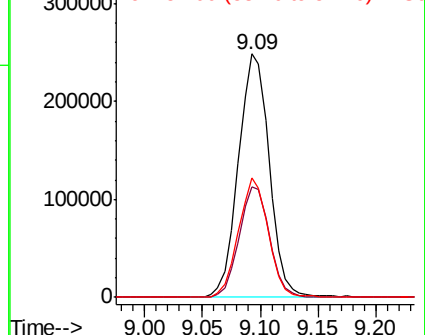
82 100

128 45.2 35.1 52.7

54 48.8 40.1 60.1



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



#32

Benzoic acid

Concen: 6.273 ng

RT: 10.31 min Scan# 1229

Delta R.T. 0.24 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

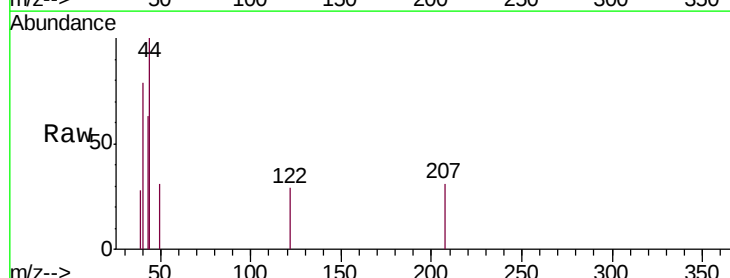
Tgt Ion: 122 Resp: 57

Ion Ratio Lower Upper

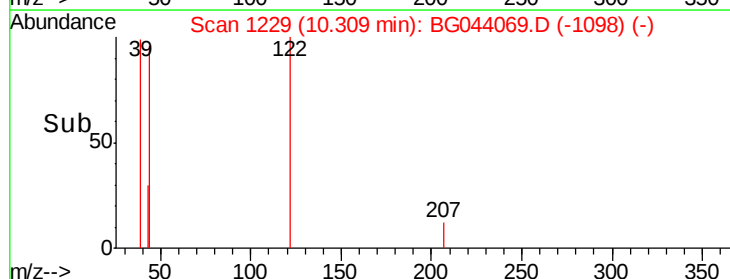
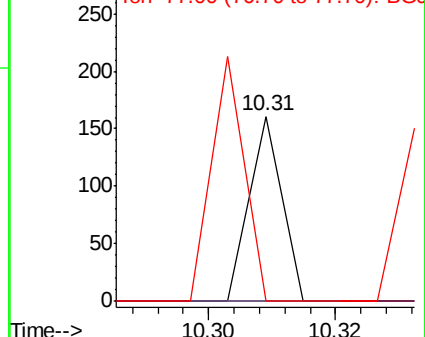
122 100

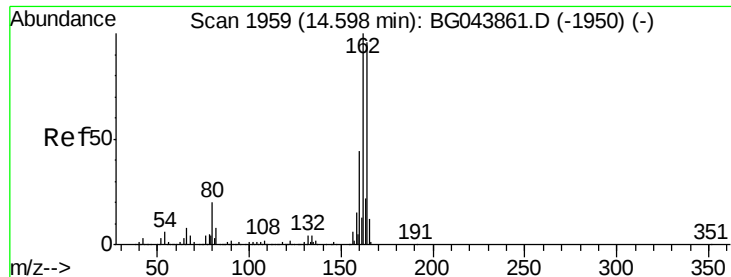
105 0.0 106.4 146.4#

77 0.0 74.6 114.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

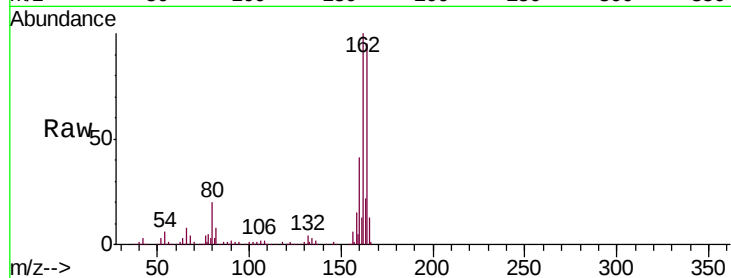
Tgt Ion:164 Resp: 263601

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

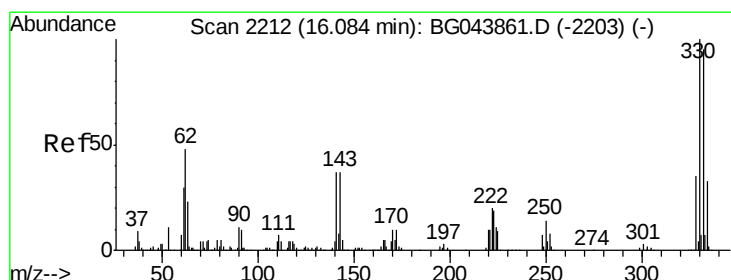
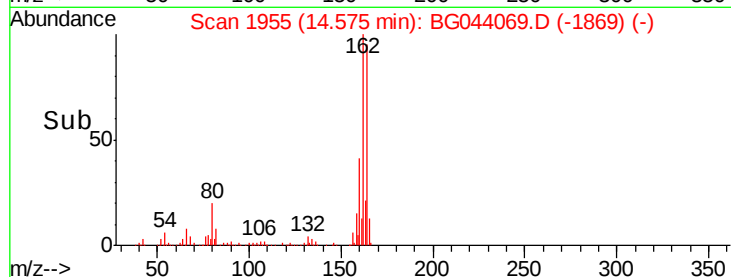
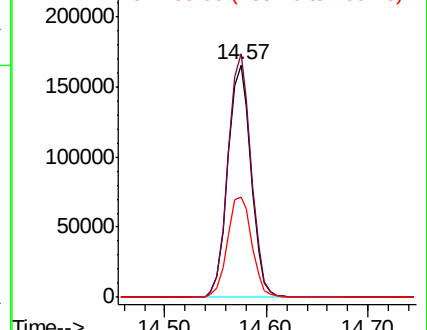
160 43.1 36.1 54.1



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: 104.714 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

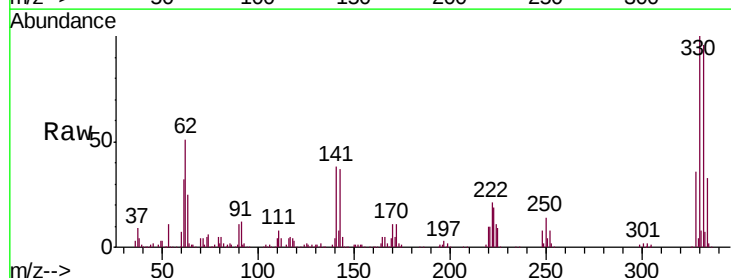
Tgt Ion:330 Resp: 288856

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

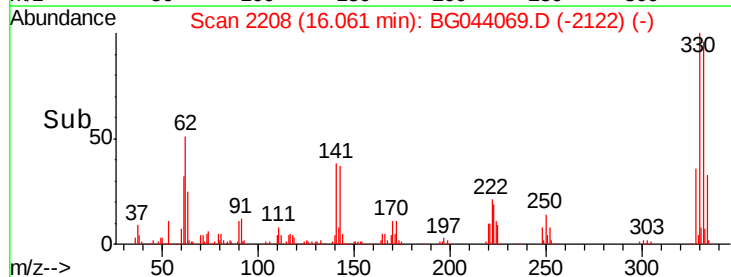
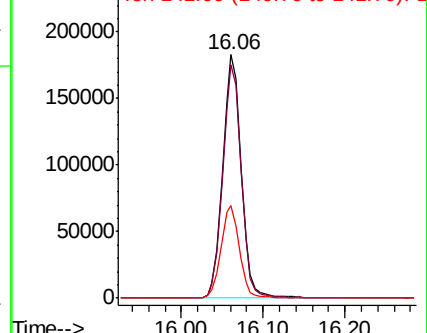
141 37.9 33.1 49.7

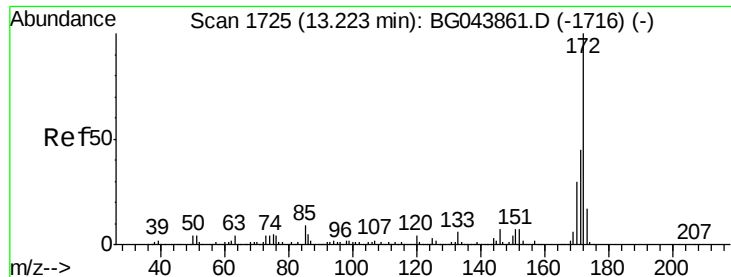


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

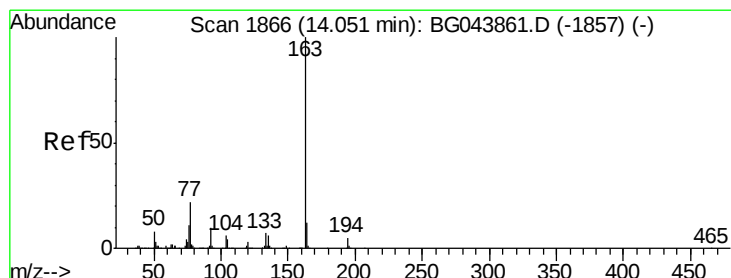
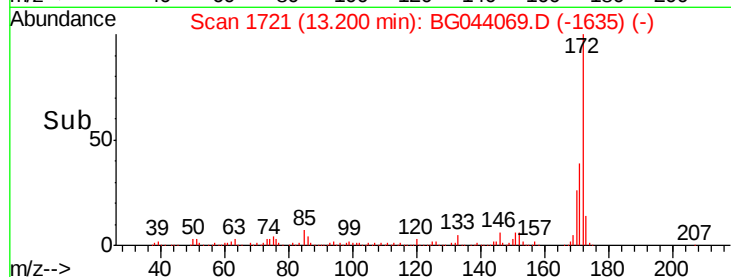
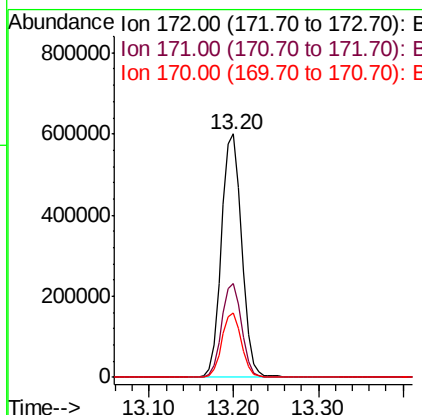
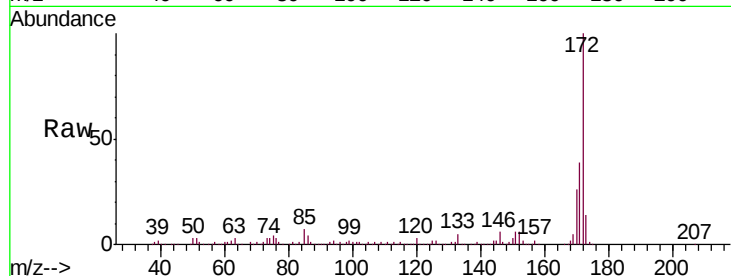




#45
2-Fluorobiphenyl
Concen: 68.947 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

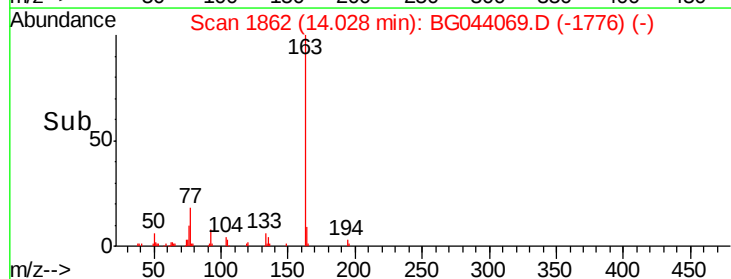
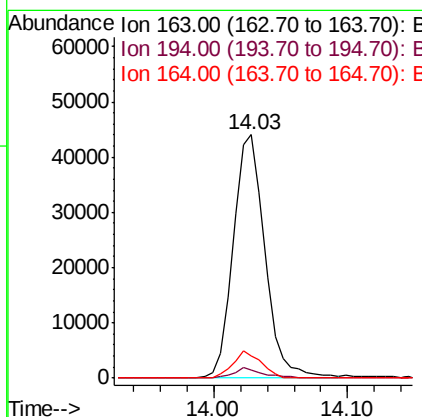
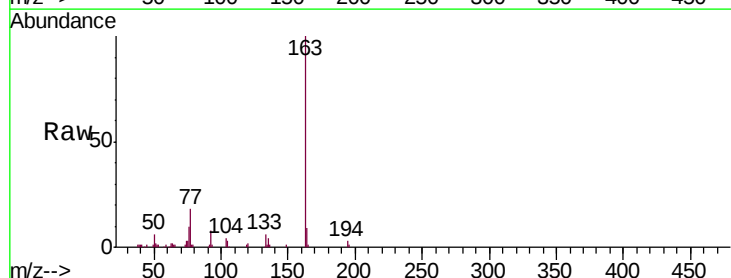
Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

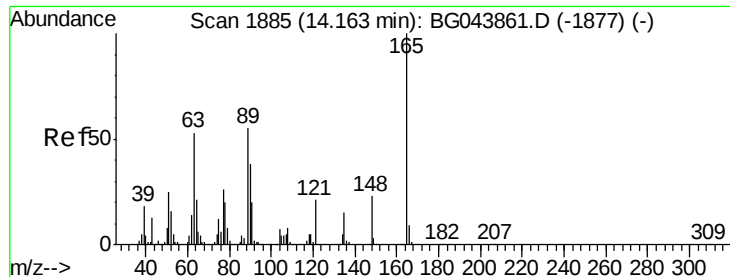
Tgt Ion:172 Resp: 1003135
Ion Ratio Lower Upper
172 100
171 38.6 35.8 53.8
170 26.3 24.2 36.4



#50
Dimethylphthalate
Concen: 3.883 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:163 Resp: 72668
Ion Ratio Lower Upper
163 100
194 3.4 3.7 5.5#
164 9.1 9.3 13.9#





#51

2,6-Dinitrotoluene

Concen: 7.996 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.41 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

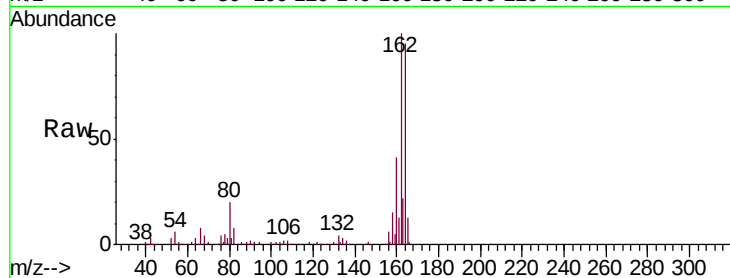
Tgt Ion:165 Resp: 33825

Ion Ratio Lower Upper

165 100

63 0.8 43.1 64.7#

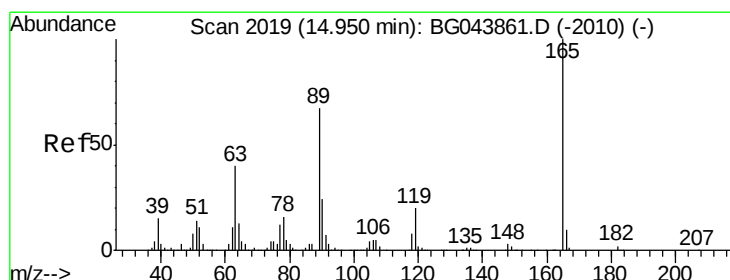
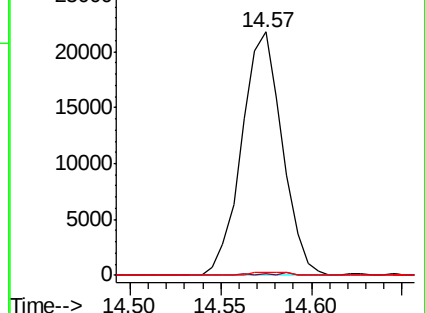
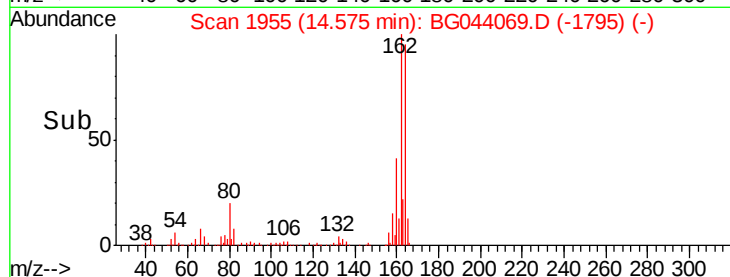
89 1.2 43.8 65.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.876 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.38 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Tgt Ion:165 Resp: 33825

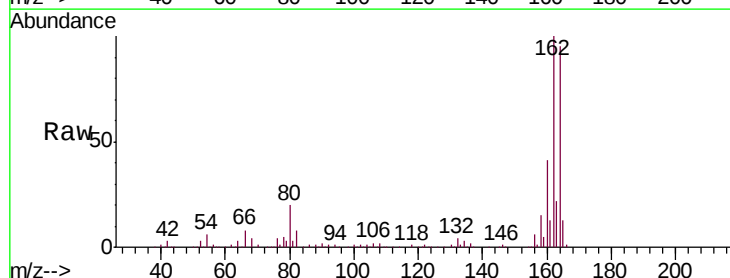
Ion Ratio Lower Upper

165 100

63 0.8 31.9 47.9#

89 1.2 53.8 80.6#

182 0.0 2.0 3.0#

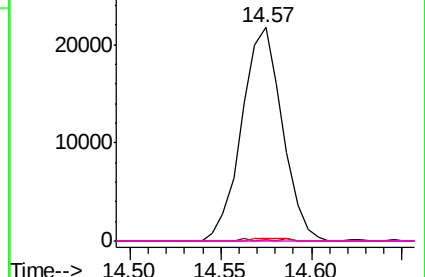
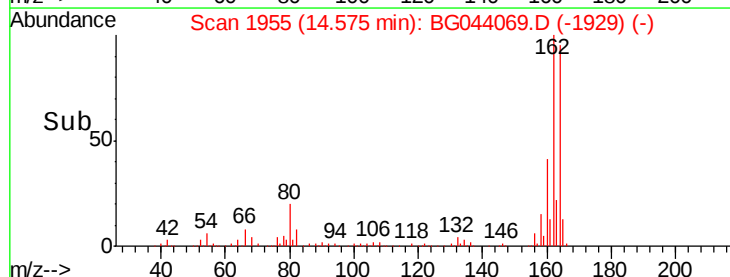


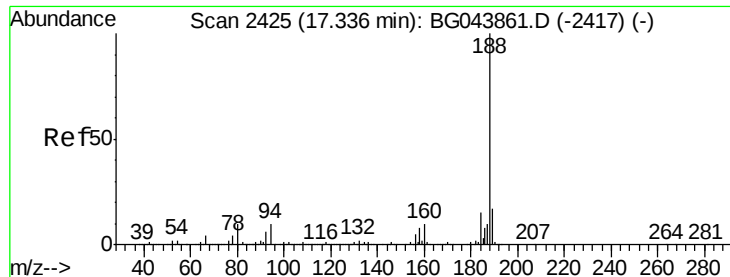
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

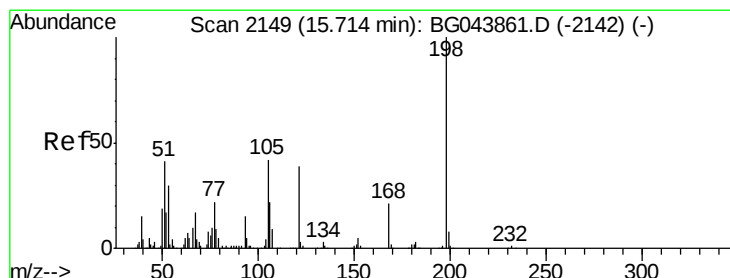
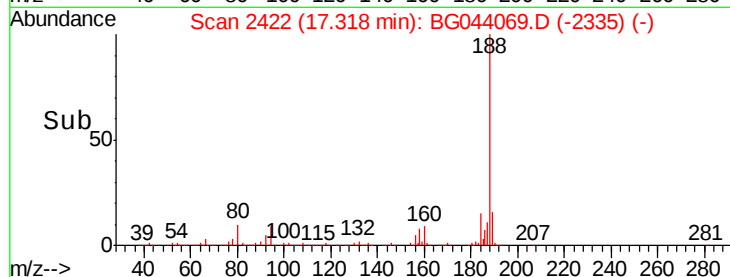
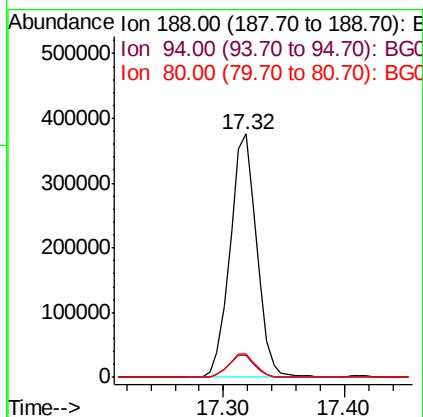
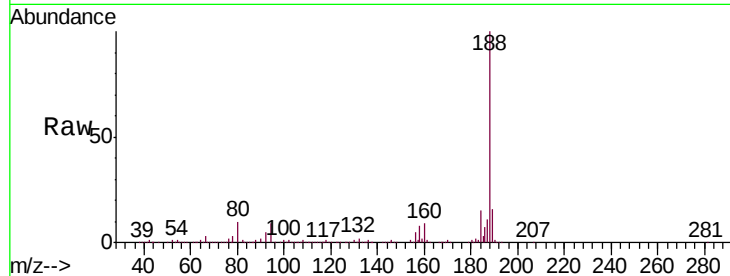




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

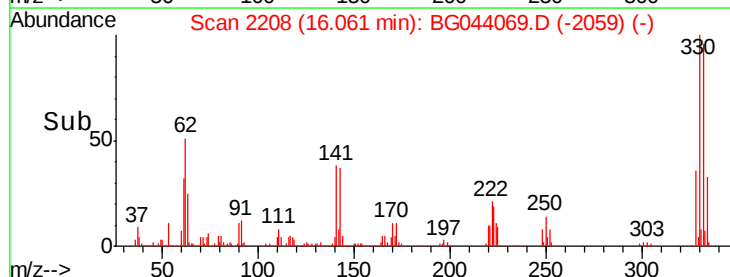
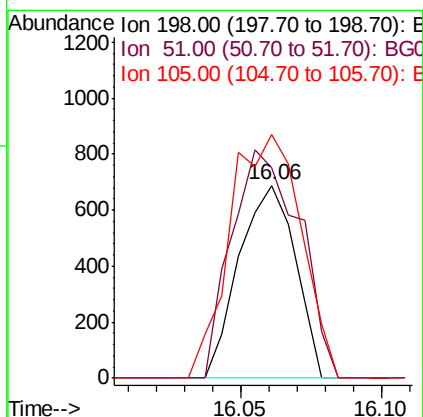
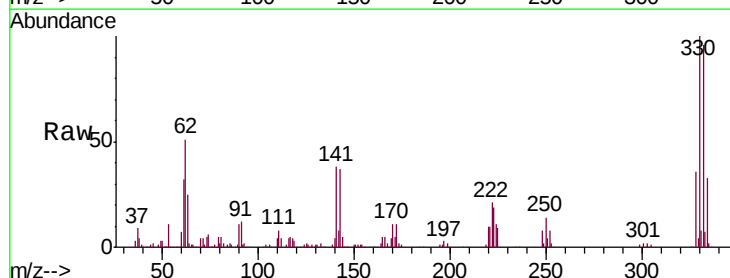
Instrument :
BNA_G
ClientSampleId :
FESB-33-(3.5-4)

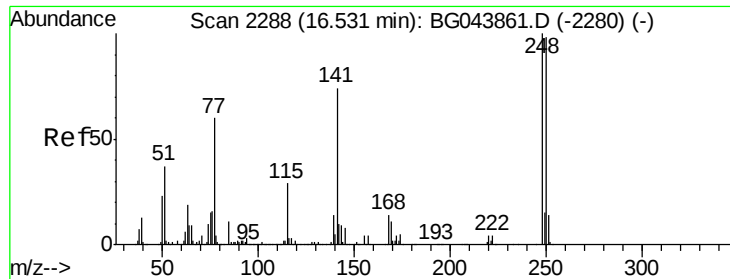
Tgt Ion:188 Resp: 577759
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 4.679 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.35 min
Lab File: BG044069.D
Acq: 16 Jan 2020 15:22

Tgt Ion:198 Resp: 949
Ion Ratio Lower Upper
198 100
51 109.0 22.5 62.5#
105 126.3 22.3 62.3#

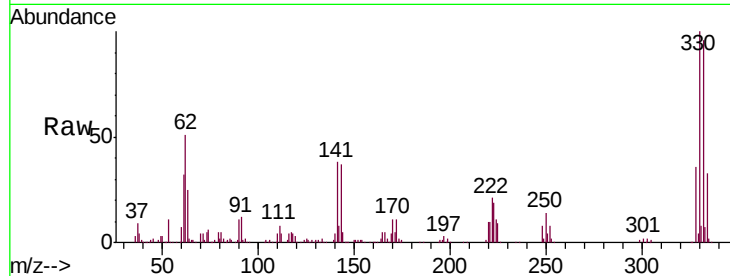




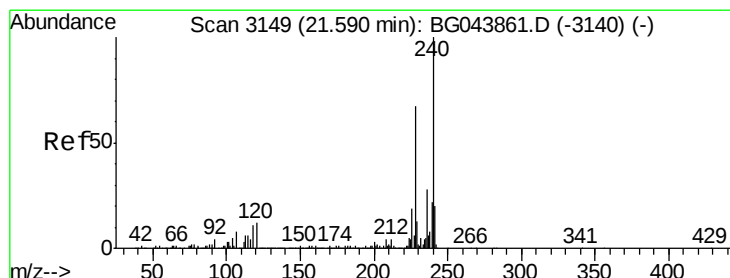
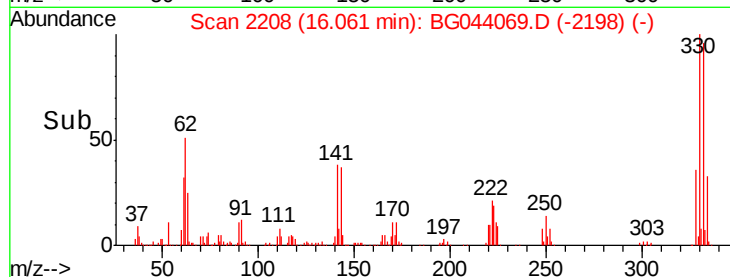
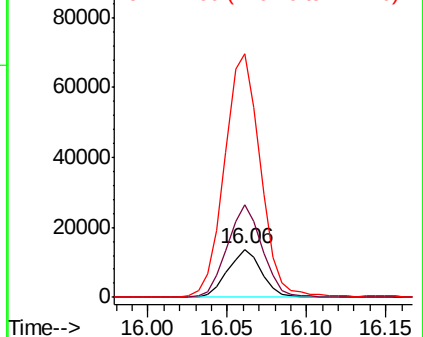
#67
 4-Bromophenyl-phenylether
 Concen: 3.122 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.47 min
 Lab File: BG044069.D
 Acq: 16 Jan 2020 15:22

Instrument :
 BNA_G
 ClientSampleId :
 FESB-33-(3.5-4)

Tgt Ion:248 Resp: 20289
 Ion Ratio Lower Upper
 248 100
 250 191.5 78.2 117.2#
 141 505.1 59.3 88.9#

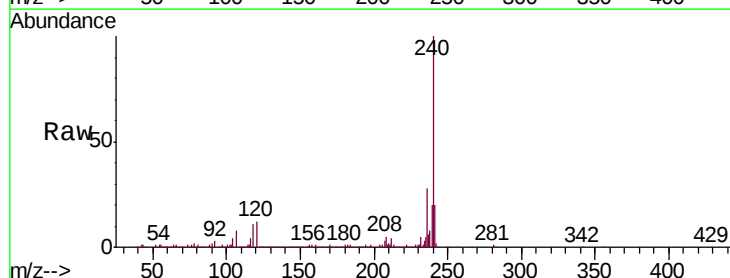


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

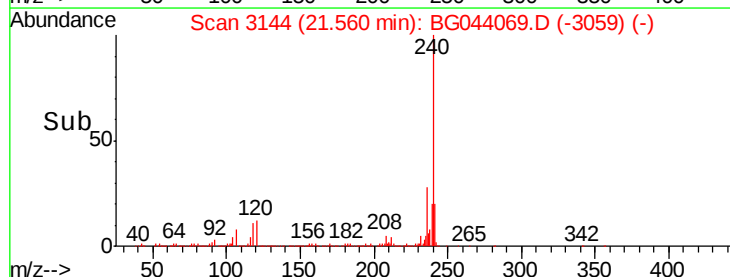
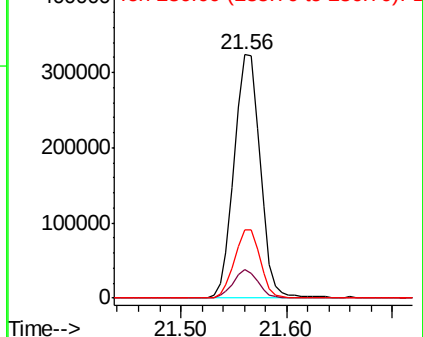


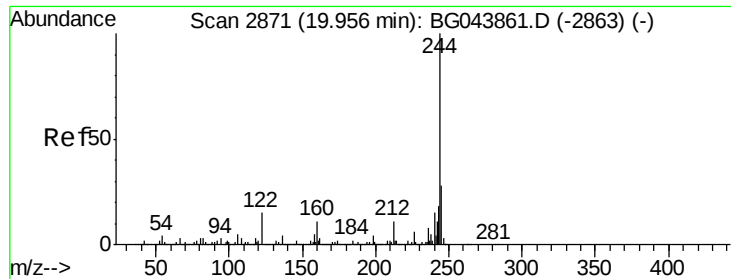
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.03 min
 Lab File: BG044069.D
 Acq: 16 Jan 2020 15:22

Tgt Ion:240 Resp: 552215
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.6 14.4
 236 27.8 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: 64.266 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

Instrument :

BNA_G

ClientSampleId :

FESB-33-(3.5-4)

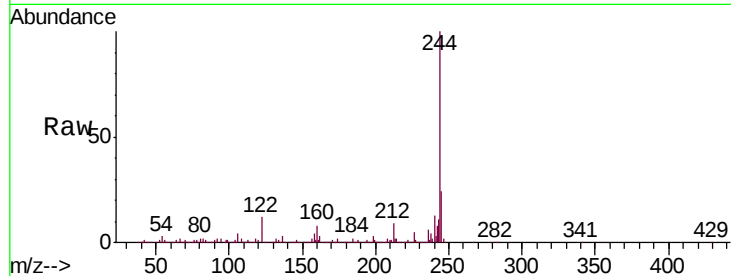
Tgt Ion:244 Resp: 1578430

Ion Ratio Lower Upper

244 100

212 8.8 8.6 13.0

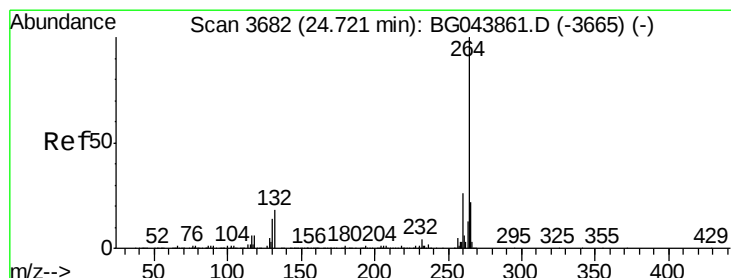
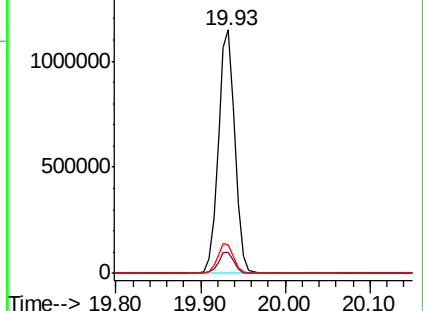
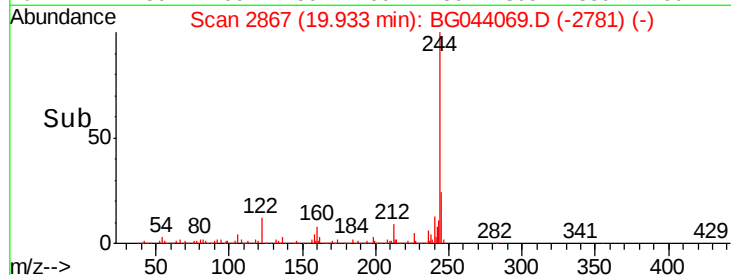
122 11.8 11.9 17.9#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044069.D

Acq: 16 Jan 2020 15:22

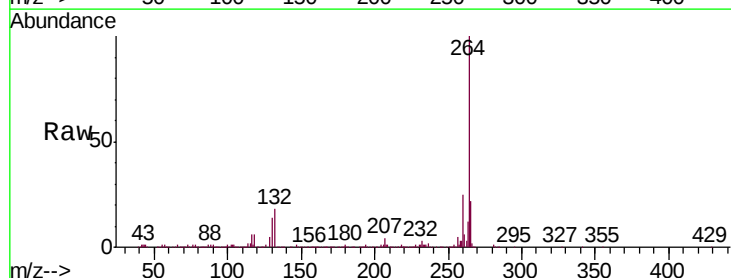
Tgt Ion:264 Resp: 625915

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 22.1 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

