

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044067.D
 Acq On : 16 Jan 2020 14:04
 Operator : JU
 Sample : L1125-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-25A-(6.5-7)

Quant Time: Jan 17 07:15:18 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

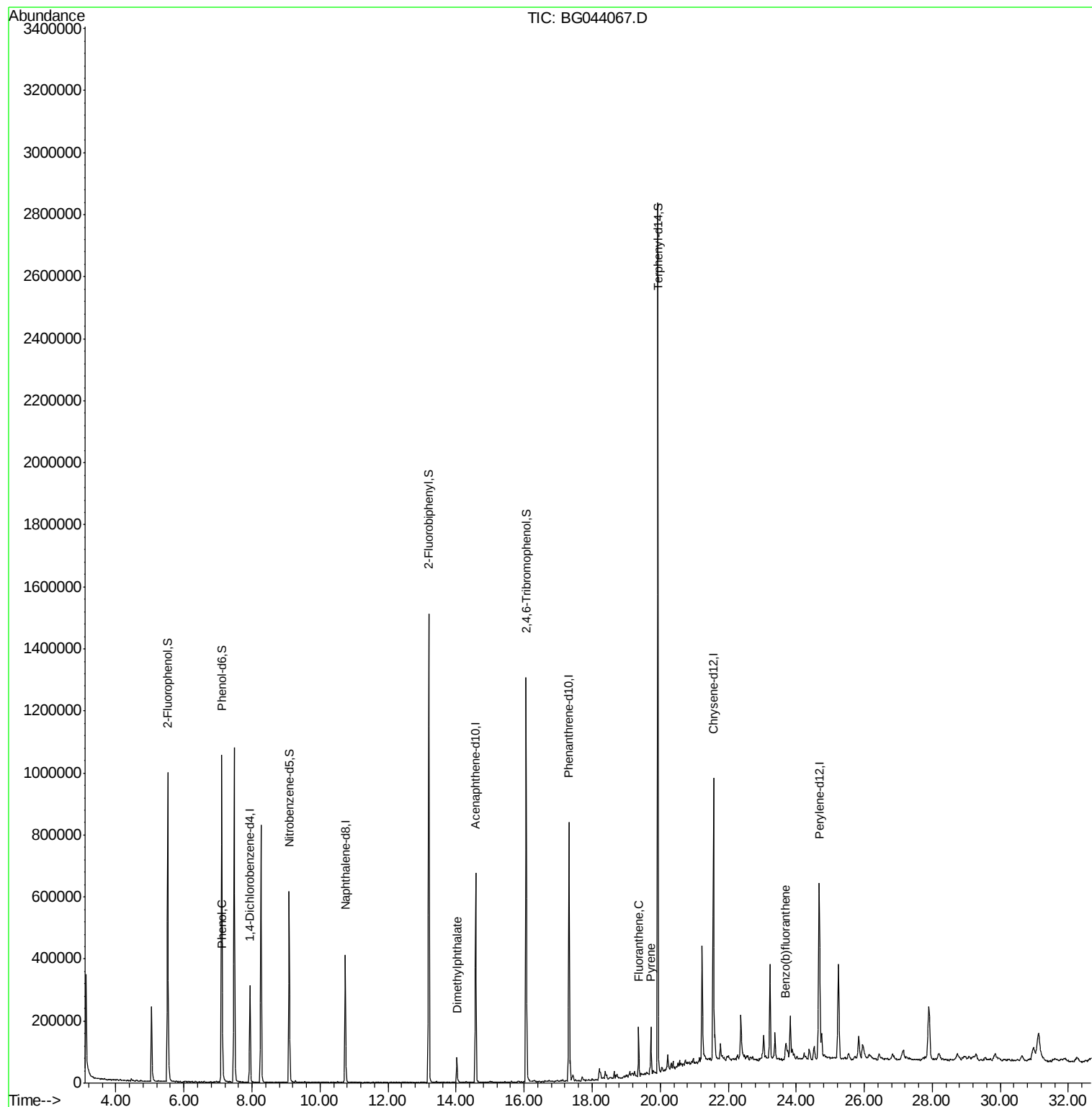
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	96816	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	385720	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	237687	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	530278	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	508786	20.00	ng	-0.03
87) Perylene-d12	24.67	264	571307	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	527633	100.07	ng	-0.02
7) Phenol-d6	7.11	99	717193	97.31	ng	-0.01
23) Nitrobenzene-d5	9.09	82	408931	56.72	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	246709	99.19	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	841941	64.18	ng	-0.02
79) Terphenyl-d14	19.93	244	1319327	56.57	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	18869	2.485	ng	Qvalue 84
50) Dimethylphthalate	14.03	163	59996	3.555	ng	96
75) Fluoranthene	19.37	202	98922	3.401	ng	92
78) Pyrene	19.73	202	97906	2.948	ng	# 91
88) Benzo(b)fluoranthene	23.69	252	68529	2.029	ng	95

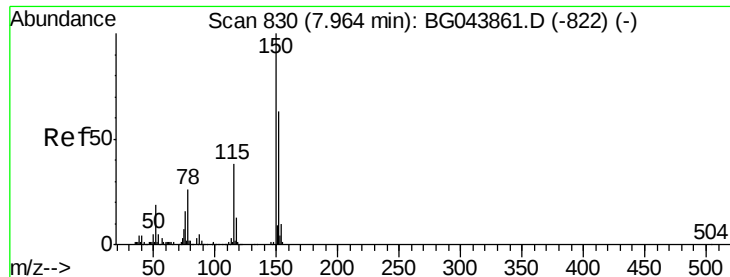
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
Data File : BG044067.D
Acq On : 16 Jan 2020 14:04
Operator : JU
Sample : L1125-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Quant Time: Jan 17 07:15:18 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



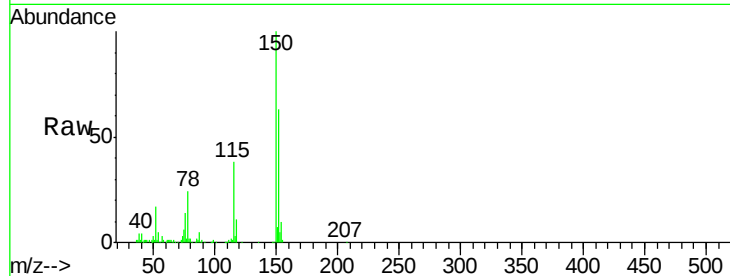


#1

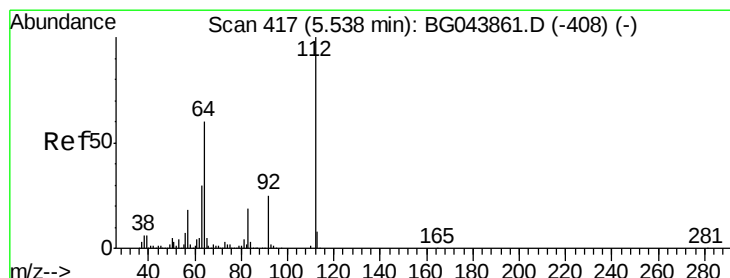
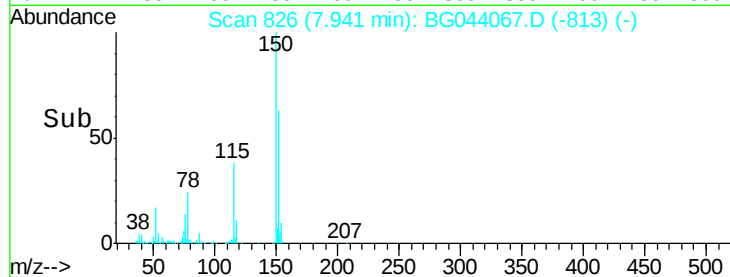
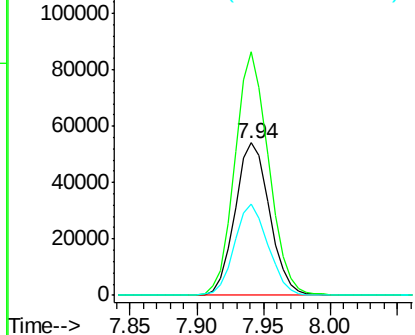
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	127.0	190.4
115	60.1	47.8	71.8



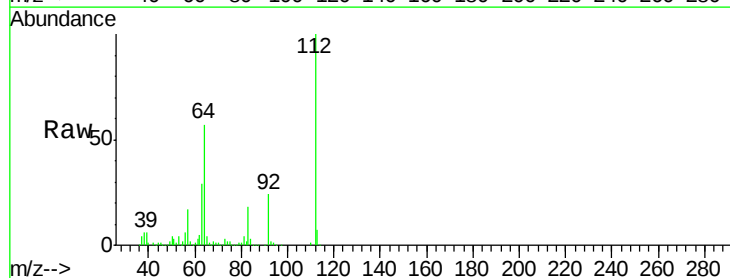
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



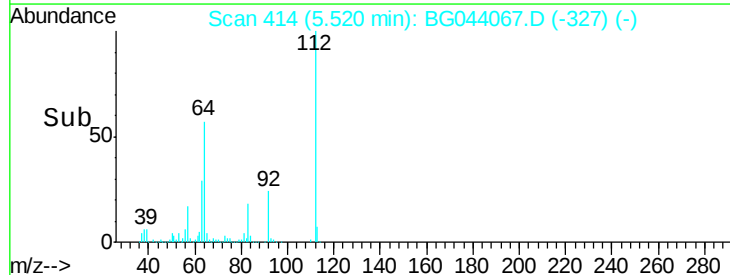
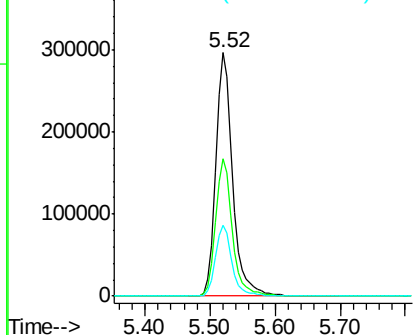
#5

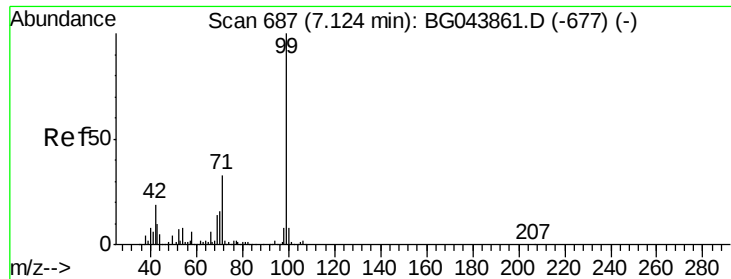
2-Fluorophenol
Concen: 100.066 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.8	71.6
63	28.9	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: 97.306 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044067.D

Acq: 16 Jan 2020 14:04

Instrument :

BNA_G

ClientSampleId :

FESB-25A-(6.5-7)

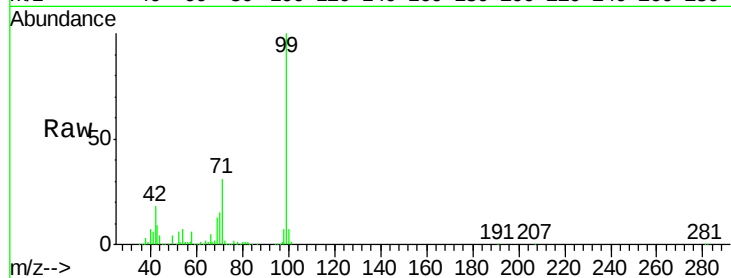
Tot Ion: 99 Resp: 717193

Ion Ratio Lower Upper

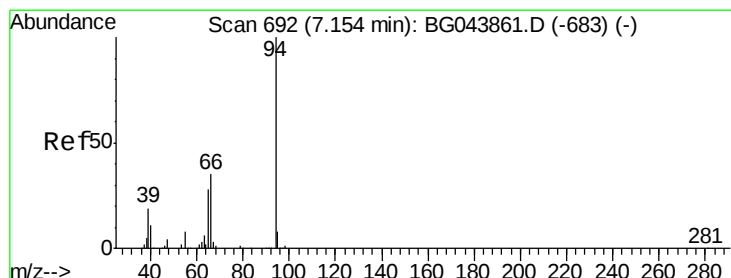
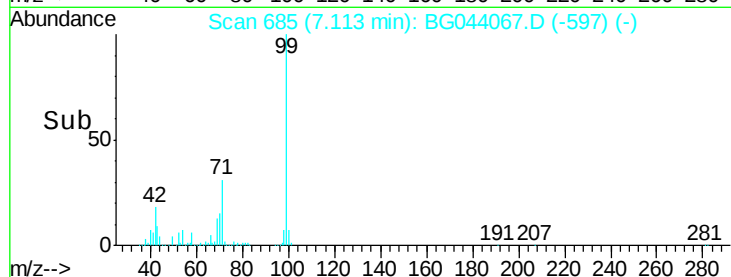
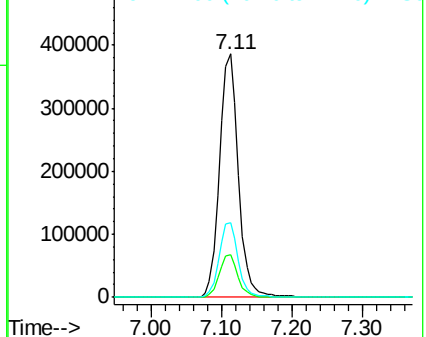
99 100

42 17.6 14.9 22.3

71 30.7 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: 2.485 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044067.D

Acq: 16 Jan 2020 14:04

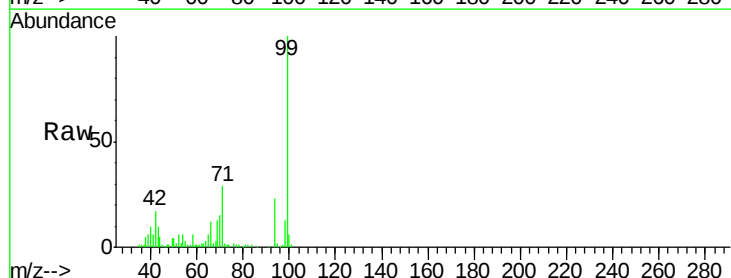
Tgt Ion: 94 Resp: 18869

Ion Ratio Lower Upper

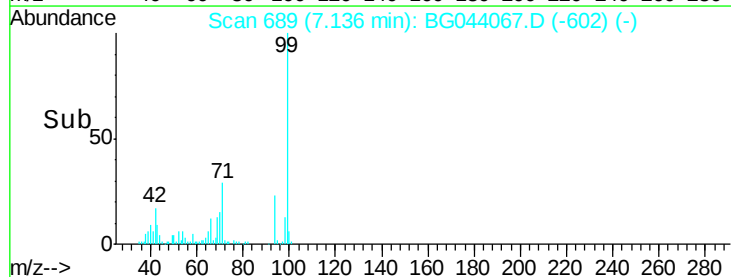
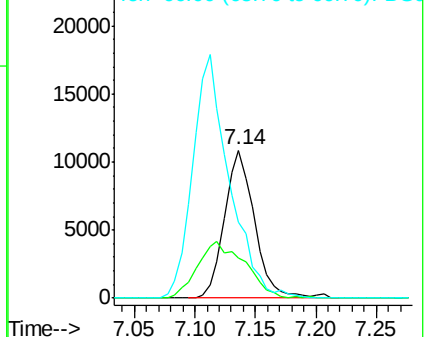
94 100

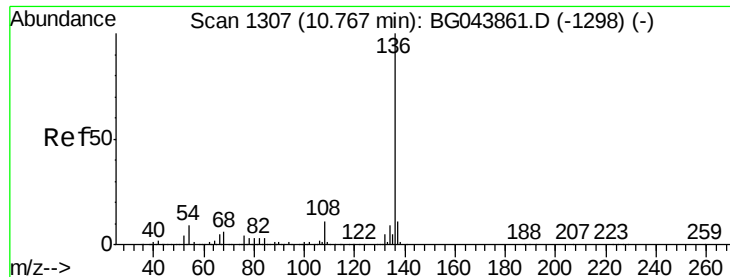
65 27.4 8.1 48.1

66 51.4 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.74 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG044067.D

Acq: 16 Jan 2020 14:04

Instrument :

BNA_G

ClientSampleId :

FESB-25A-(6.5-7)

Tot Ion:136 Resp: 385720

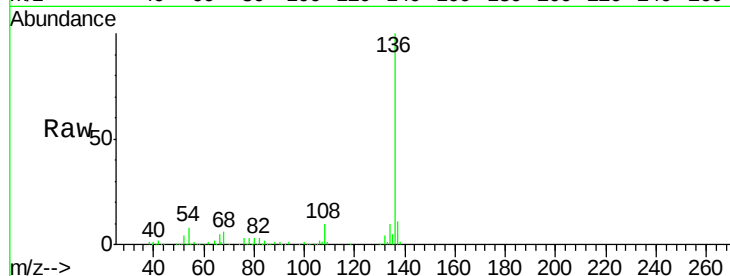
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.0 7.0 10.4

68 6.1 4.9 7.3

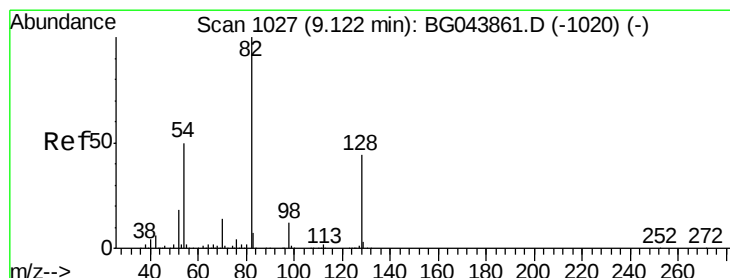
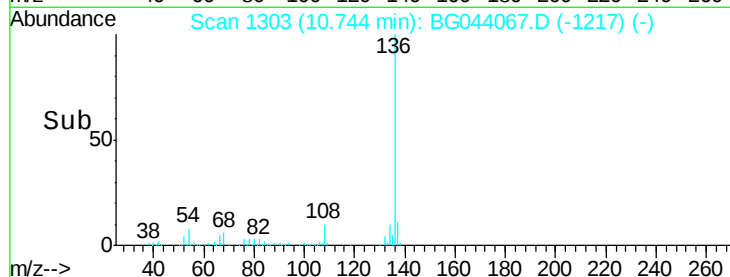
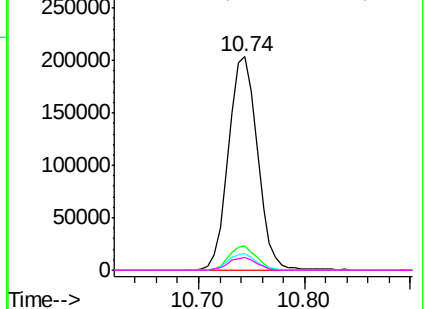


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 56.715 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BG044067.D

Acq: 16 Jan 2020 14:04

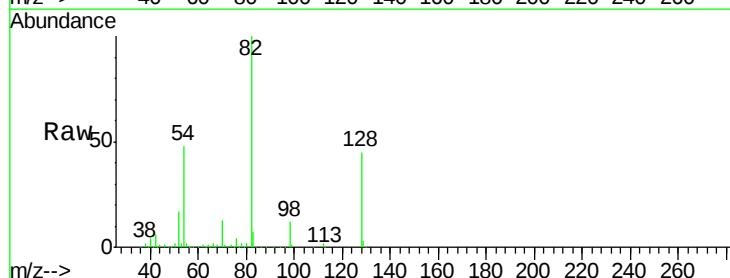
Tgt Ion: 82 Resp: 408931

Ion Ratio Lower Upper

82 100

128 44.9 35.1 52.7

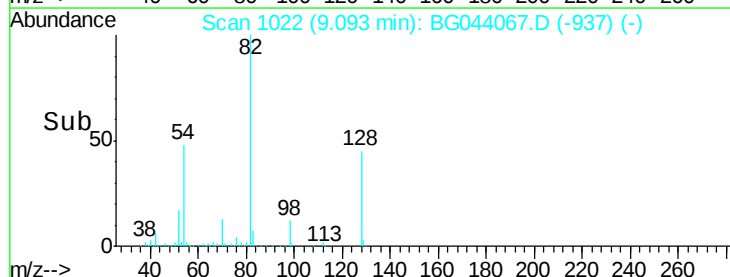
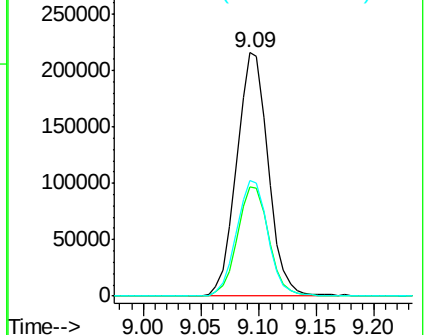
54 47.6 40.1 60.1

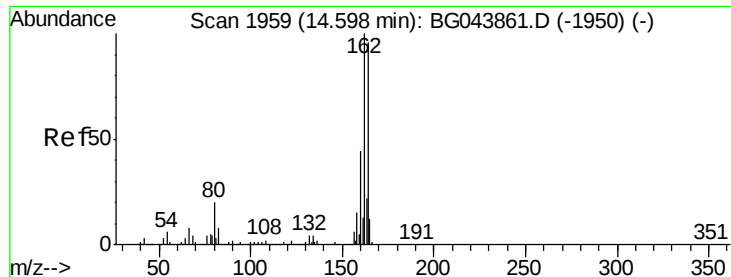


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044067.D

Acq: 16 Jan 2020 14:04

Instrument :

BNA_G

ClientSampleId :

FESB-25A-(6.5-7)

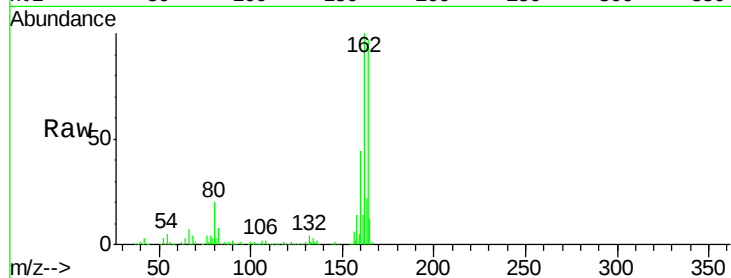
Tot Ion:164 Resp: 237687

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.4

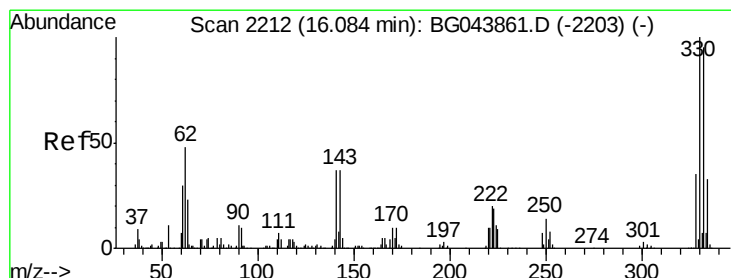
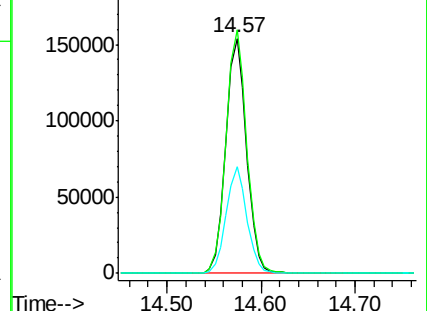
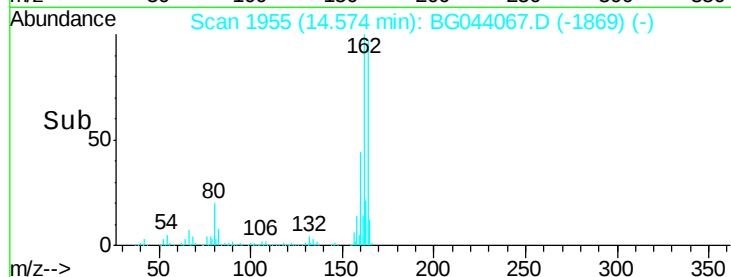
160 45.6 36.1 54.1



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: 99.186 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044067.D

Acq: 16 Jan 2020 14:04

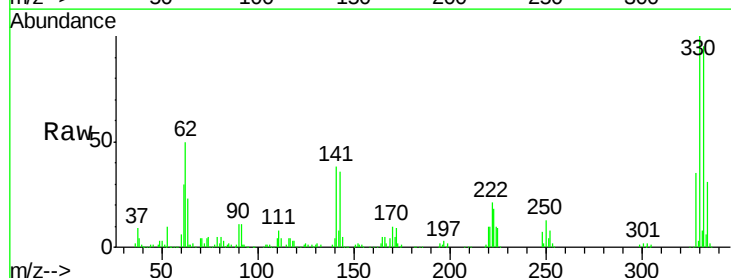
Tgt Ion:330 Resp: 246709

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

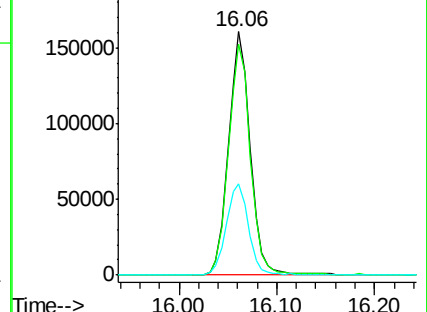
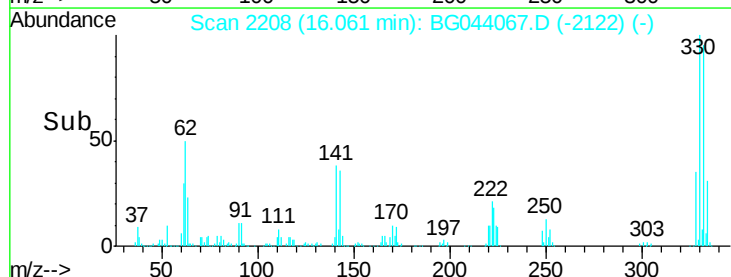
141 38.7 33.1 49.7

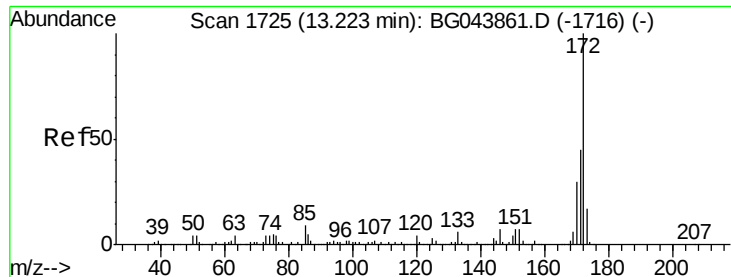


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

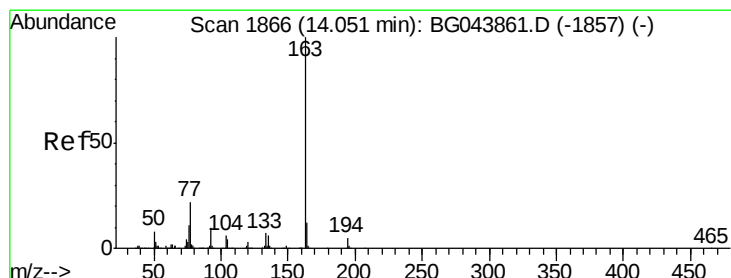
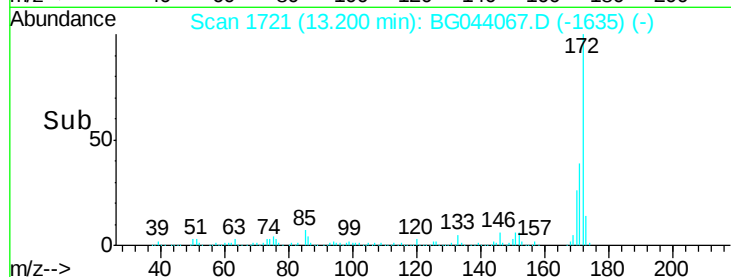
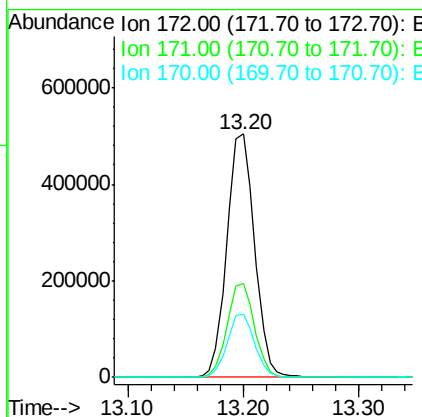
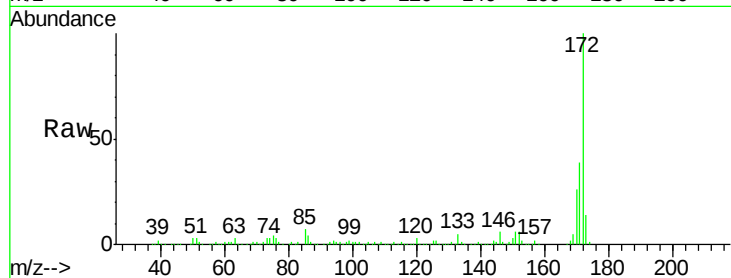




#45
2-Fluorobiphenyl
Concen: 64.177 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

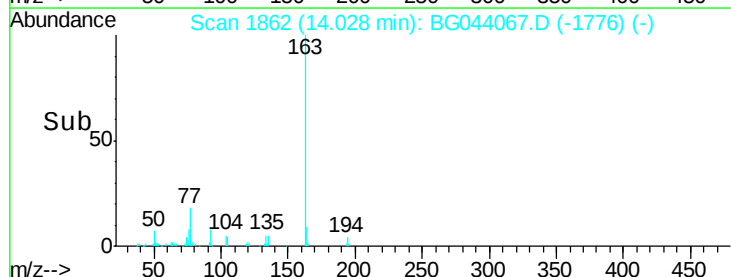
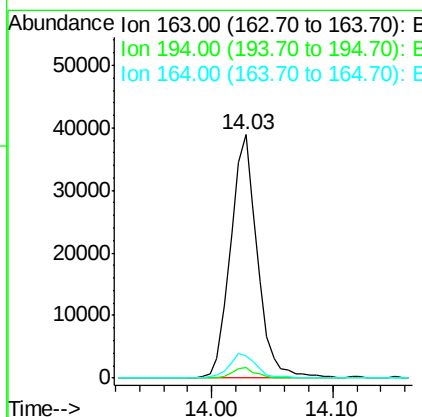
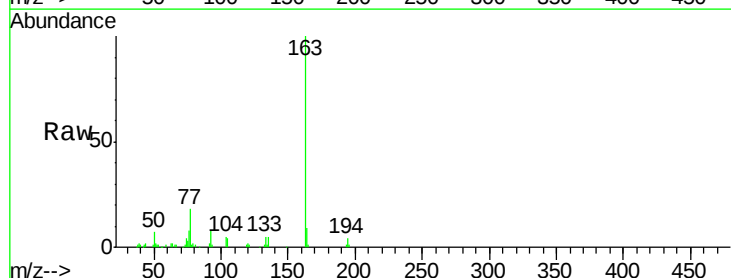
Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

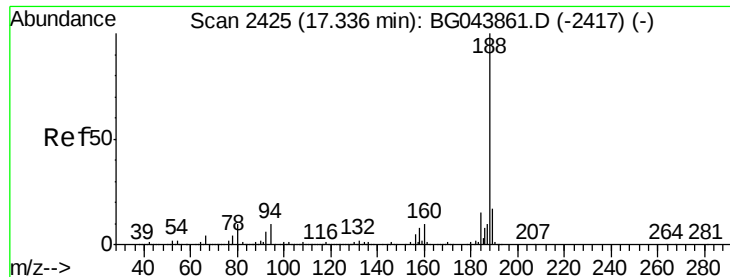
Tot Ion:172 Resp: 841941
Ion Ratio Lower Upper
172 100
171 38.8 35.8 53.8
170 25.9 24.2 36.4



#50
Dimethylphthalate
Concen: 3.555 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:163 Resp: 59996
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.4 9.3 13.9

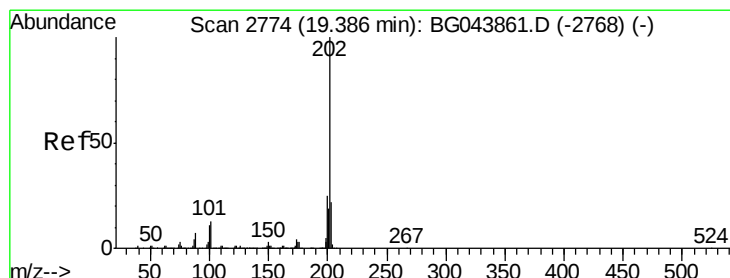
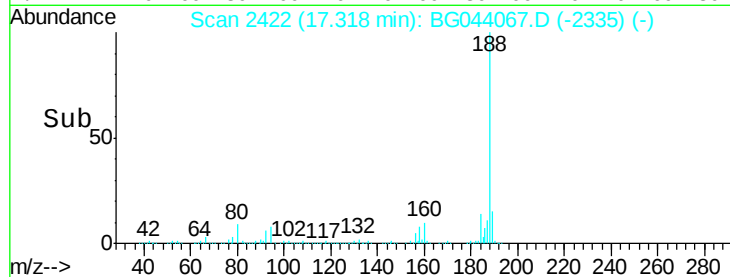
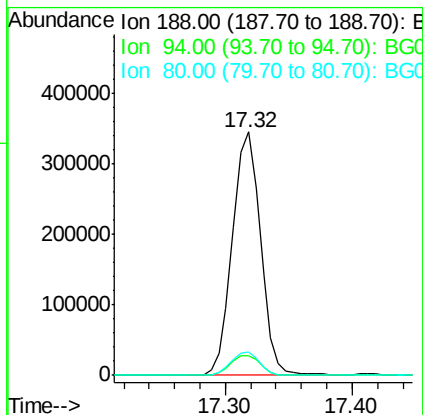
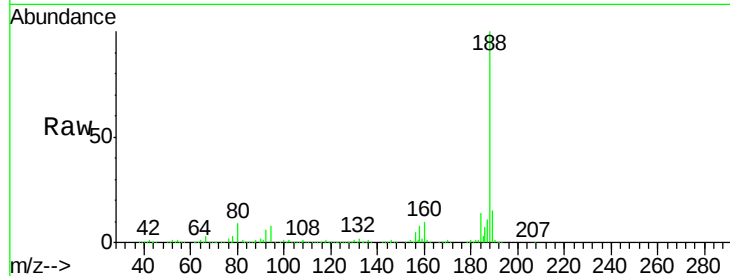




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

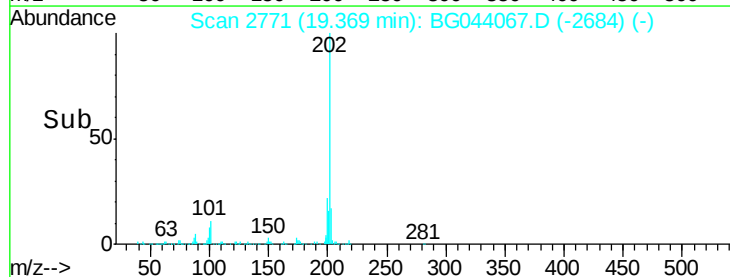
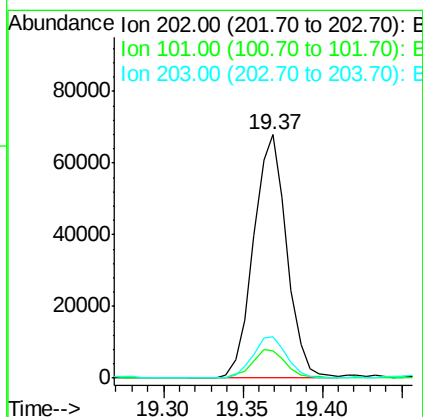
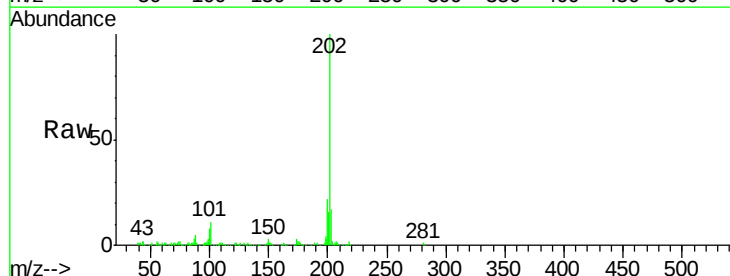
Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

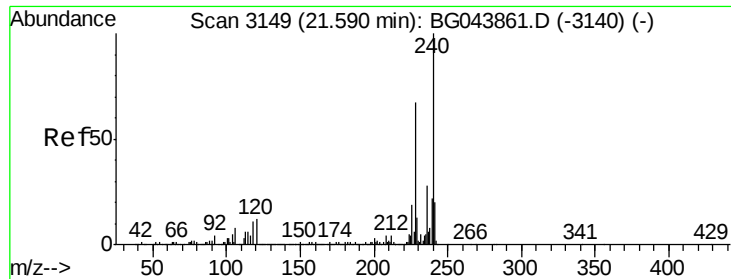
Tot Ion:188 Resp: 530278
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.4 8.2 12.4



#75
Fluoranthene
Concen: 3.401 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion:202 Resp: 98922
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.3
203 16.8 1.6 41.6

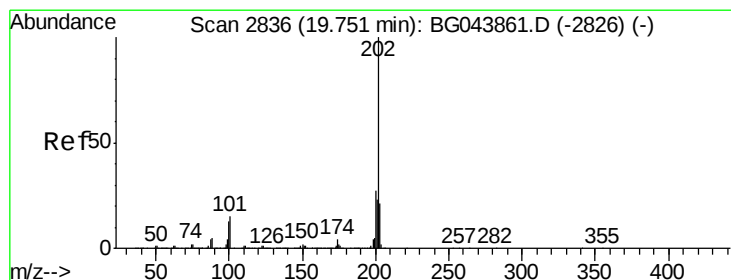
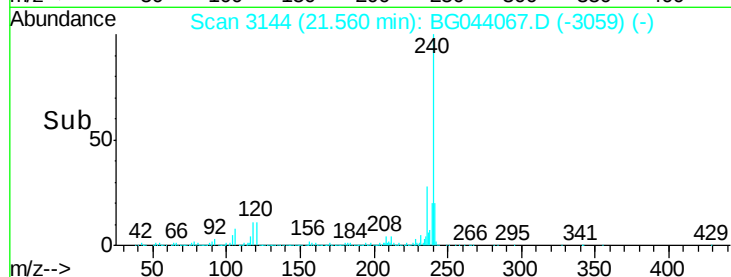
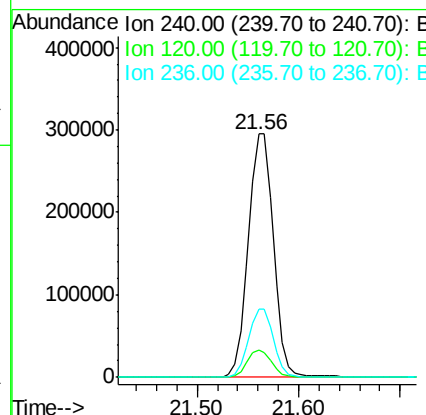
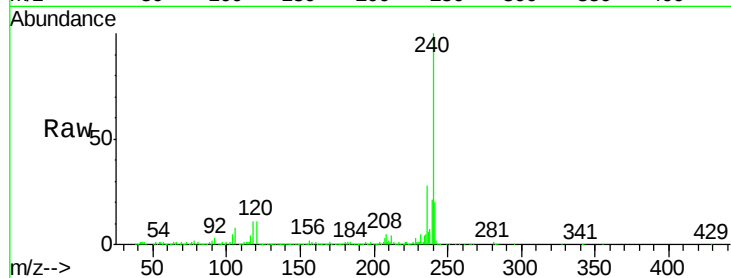




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

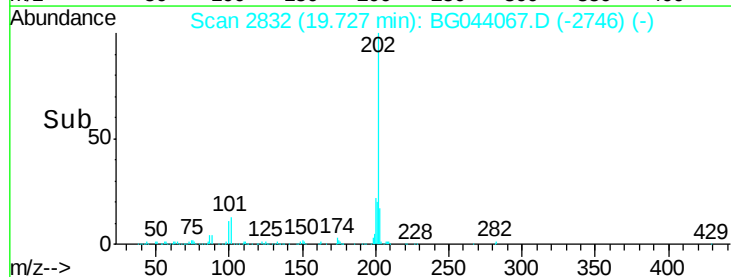
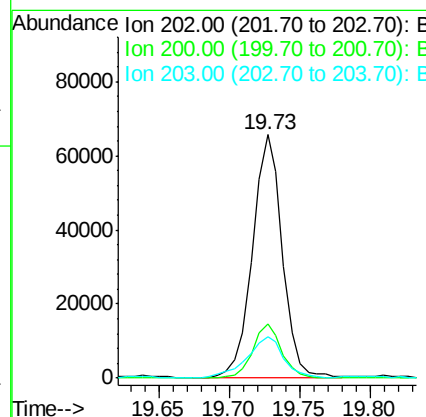
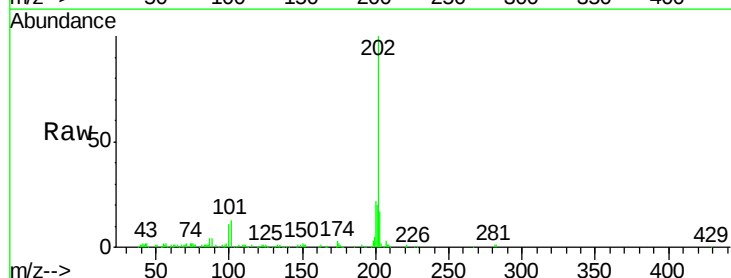
Instrument :
BNA_G
ClientSampleId :
FESB-25A-(6.5-7)

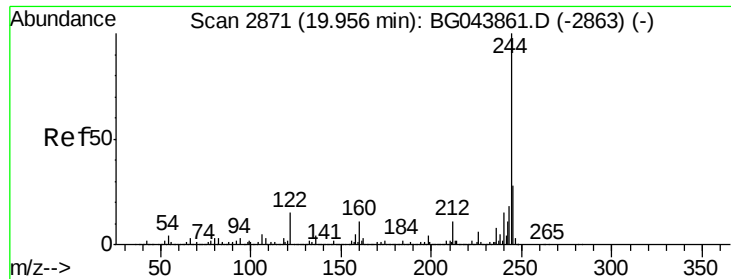
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	28.0	22.2	33.2



#78
Pyrene
Concen: 2.948 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044067.D
Acq: 16 Jan 2020 14:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	21.7	32.5
203	16.9	17.0	25.6





#79

Terphenyl-d14

Concen: 56.569 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044067.D

Acq: 16 Jan 2020 14:04

Instrument :

BNA_G

ClientSampleId :

FESB-25A-(6.5-7)

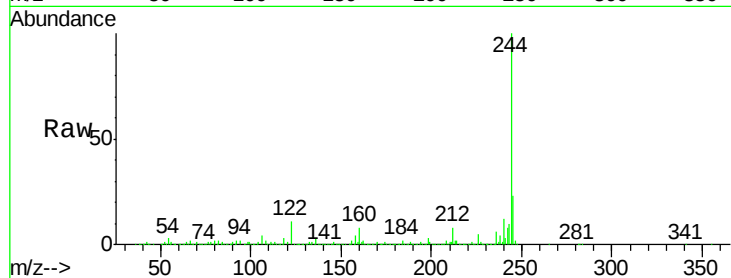
Tot Ion:244 Resp: 1319327

Ion Ratio Lower Upper

244 100

212 8.4 8.6 13.0#

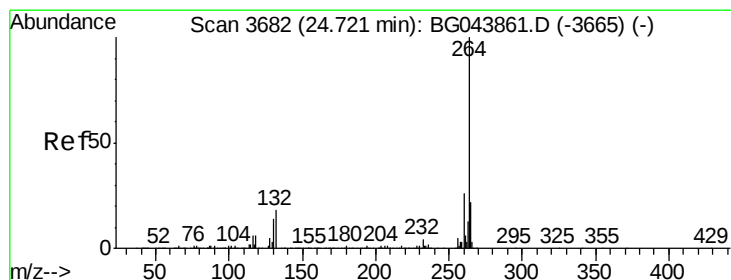
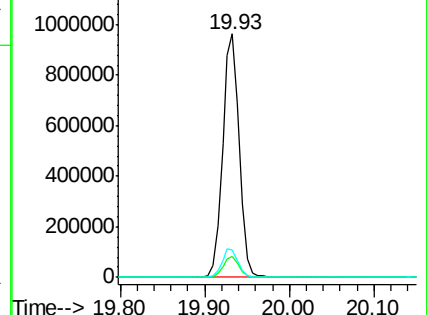
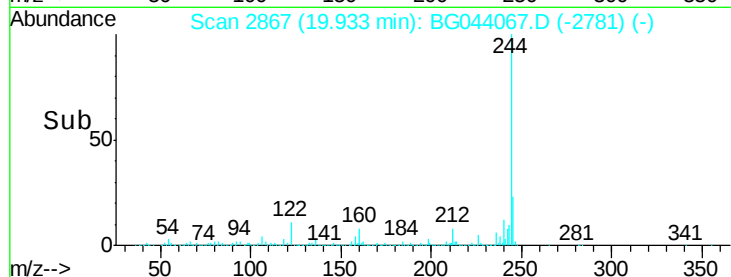
122 11.3 11.9 17.9#



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: BG044067.D

Acq: 16 Jan 2020 14:04

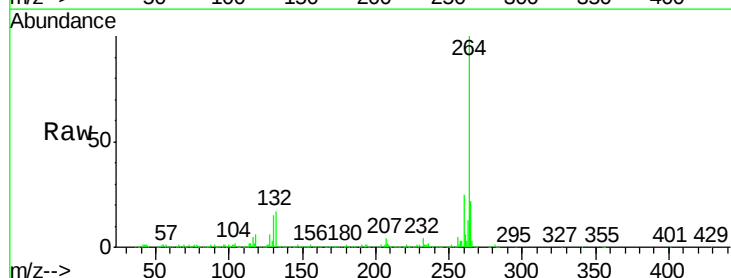
Tgt Ion:264 Resp: 571307

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

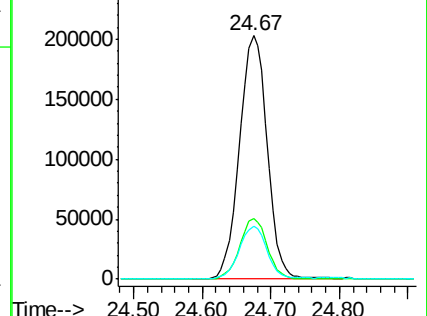
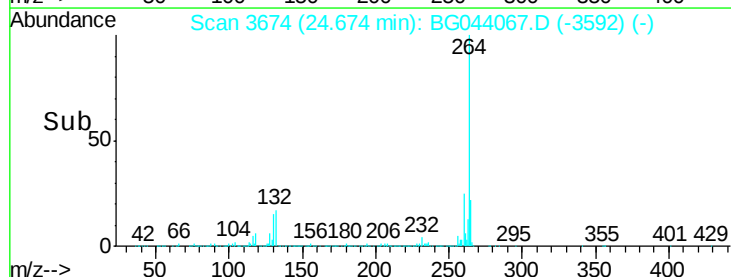
265 21.9 17.4 26.2

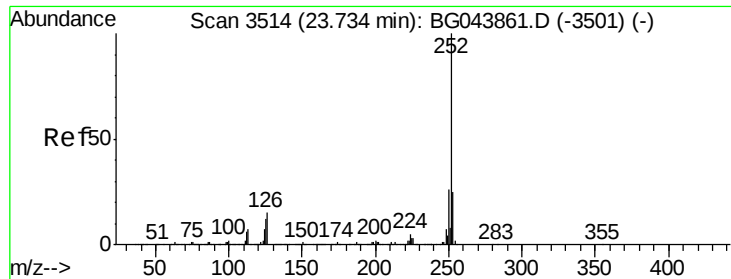


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.029 ng

RT: 23.69 min Scan# 3506

Delta R.T. -0.05 min

Lab File: BG044067.D

Acq: 16 Jan 2020 14:04

Instrument :

BNA_G

ClientSampleId :

FESB-25A-(6.5-7)

Tot Ion:252 Resp: 68529

Ion Ratio Lower Upper

252 100

253 21.7 19.7 29.5

125 11.0 9.4 14.2

