

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044065.D
 Acq On : 16 Jan 2020 12:45
 Operator : JU
 Sample : L1125-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-34-(4.5-5)

Quant Time: Jan 17 07:10:18 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

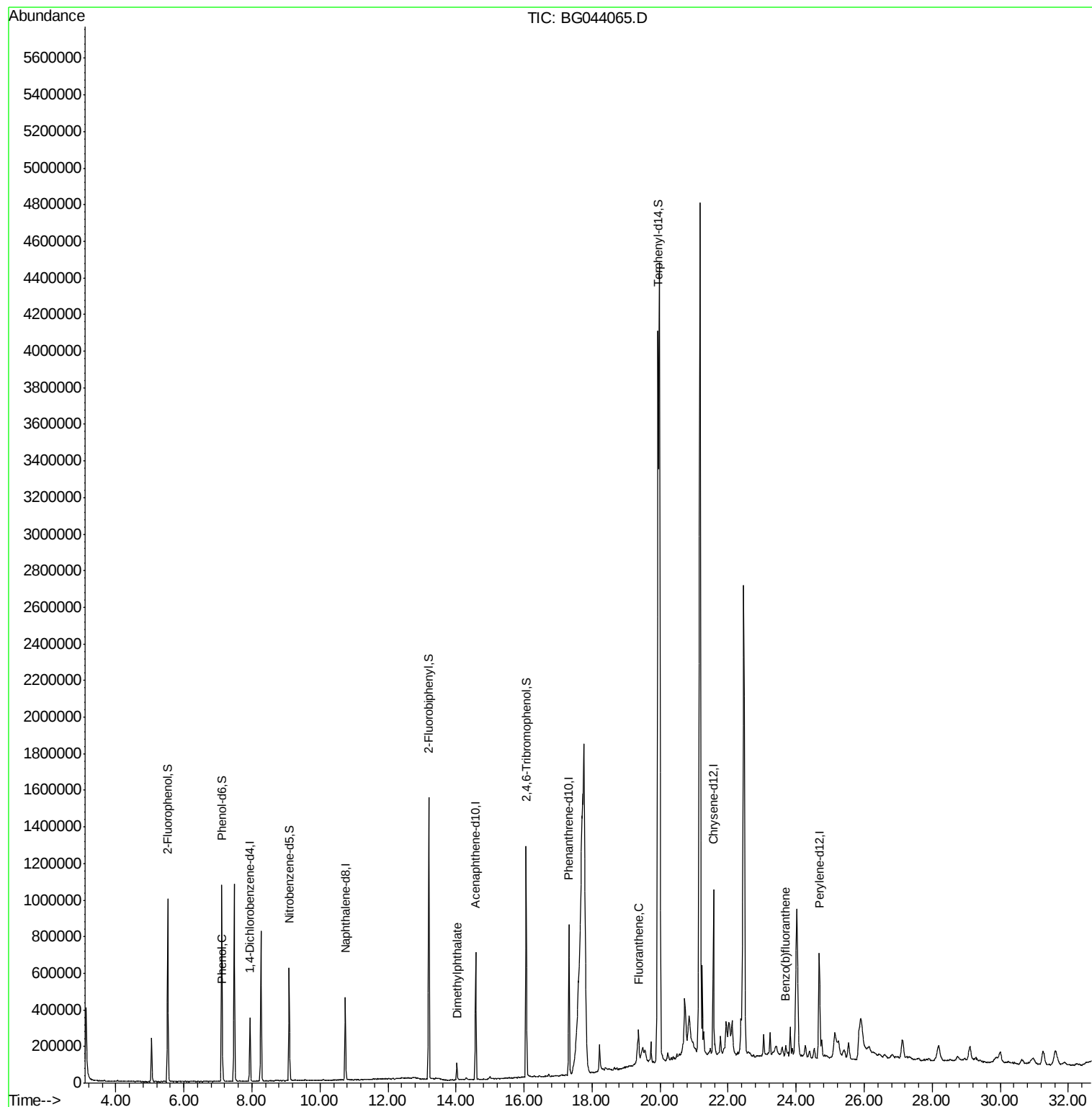
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	101482	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	406915	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	245895	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	516228	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	493544	20.00	ng	-0.02
87) Perylene-d12	24.68	264	568702	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	499682	90.41	ng	-0.02
7) Phenol-d6	7.11	99	682849	88.39	ng	-0.01
23) Nitrobenzene-d5	9.09	82	392996	51.67	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	231628	90.01	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	816089	60.13	ng	-0.02
79) Terphenyl-d14	19.93	244	1140976	48.69	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	18421	2.314	ng	85
50) Dimethylphthalate	14.03	163	63517	3.638	ng	98
75) Fluoranthene	19.37	202	64476	2.277	ng	92
88) Benzo(b)fluoranthene	23.69	252	72205	2.148	ng	97

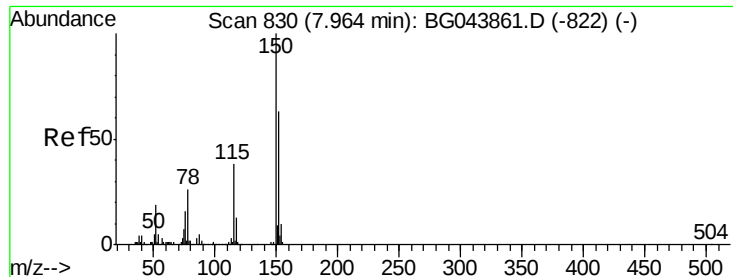
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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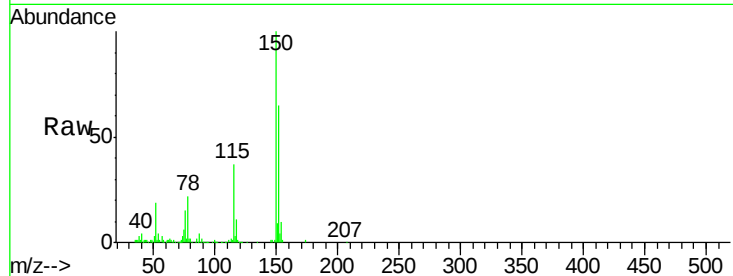


#1

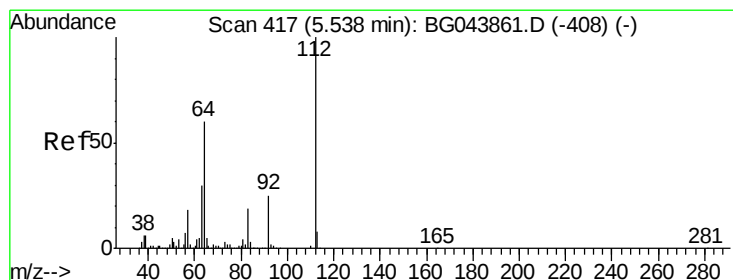
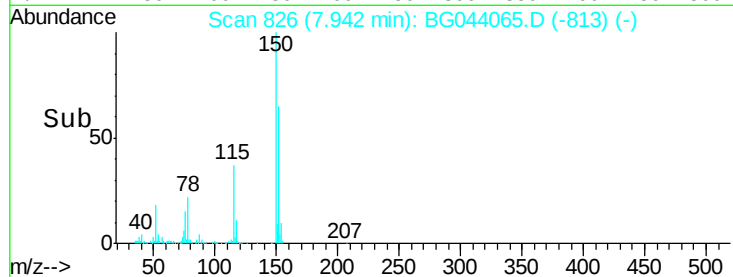
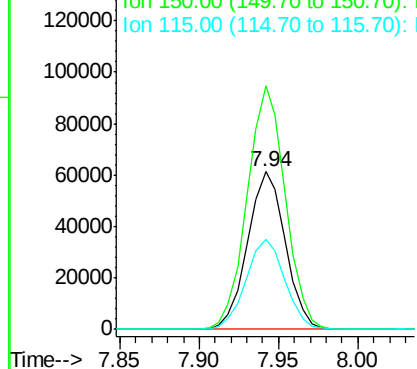
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044065.D
Acq: 16 Jan 2020 12:45

Instrument :
BNA_G
ClientSampleId :
FESB-34-(4.5-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.0	190.4
115	57.6	47.8	71.8



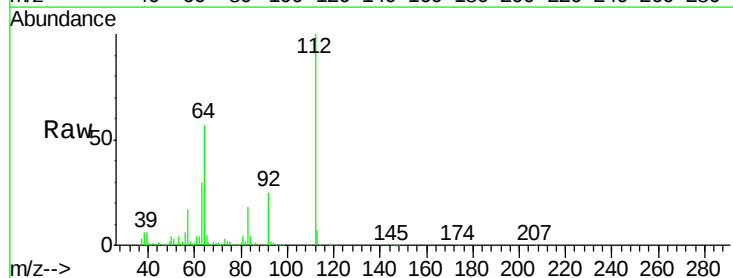
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



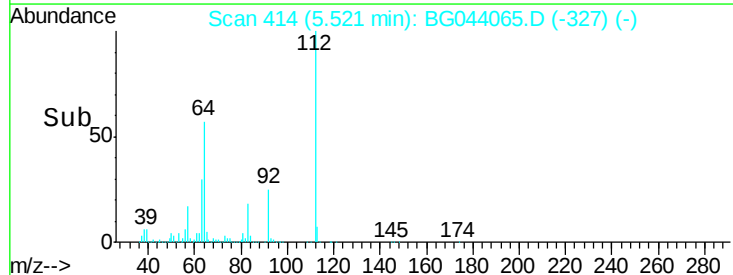
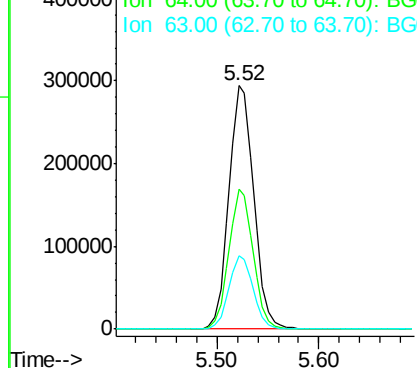
#5

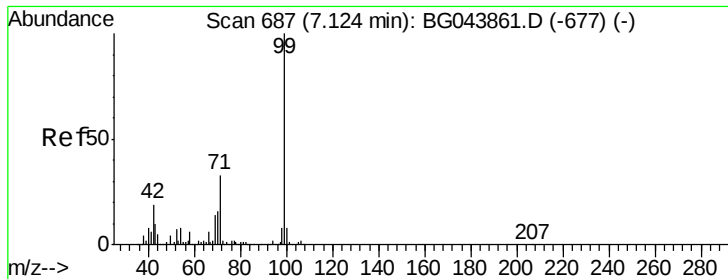
2-Fluorophenol
Concen: 90.408 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044065.D
Acq: 16 Jan 2020 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.8	71.6
63	30.1	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: 88.387 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044065.D

Acq: 16 Jan 2020 12:45

Instrument :

BNA_G

ClientSampleId :

FESB-34-(4.5-5)

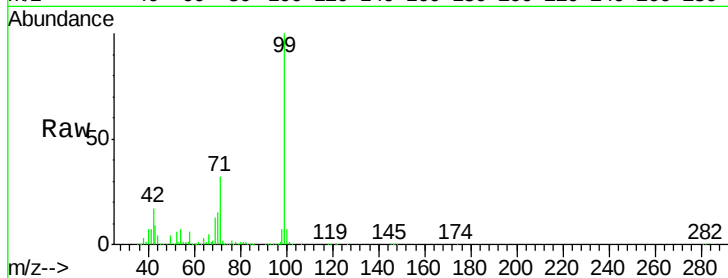
Tot Ion: 99 Resp: 682849

Ion Ratio Lower Upper

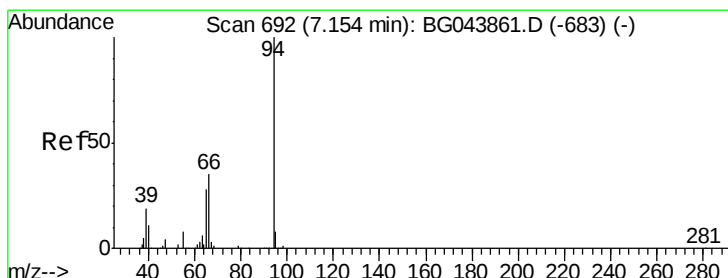
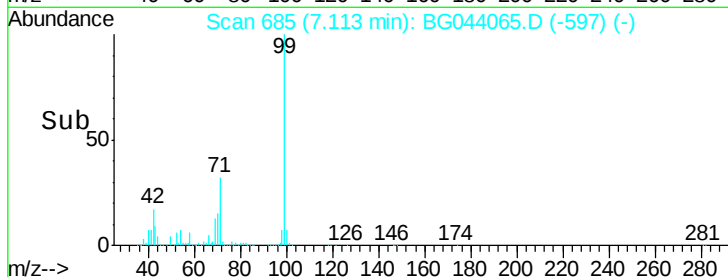
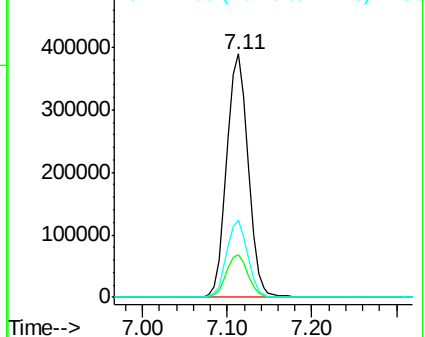
99 100

42 17.5 14.9 22.3

71 31.8 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: 2.314 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044065.D

Acq: 16 Jan 2020 12:45

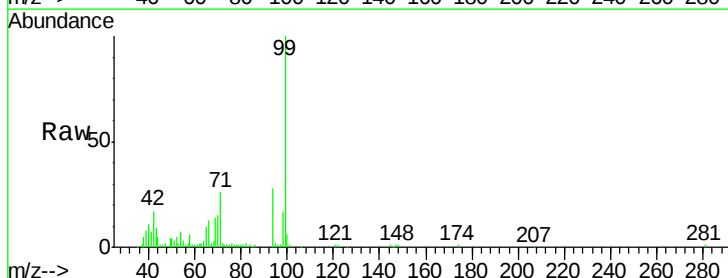
Tgt Ion: 94 Resp: 18421

Ion Ratio Lower Upper

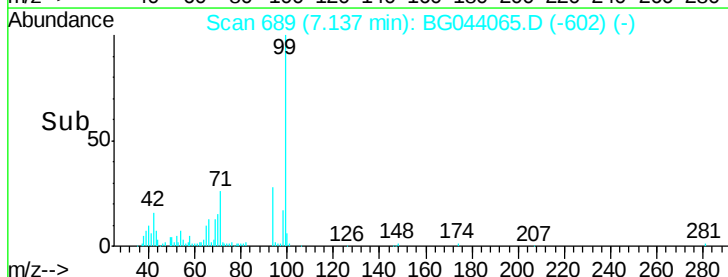
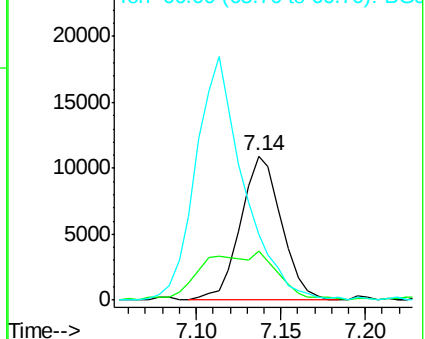
94 100

65 34.1 8.1 48.1

66 45.6 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

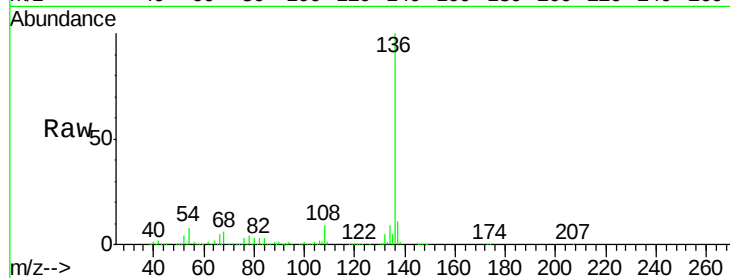




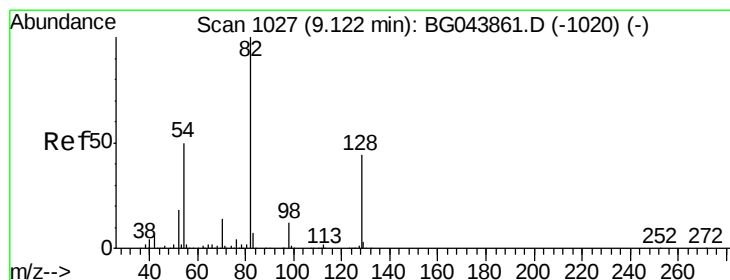
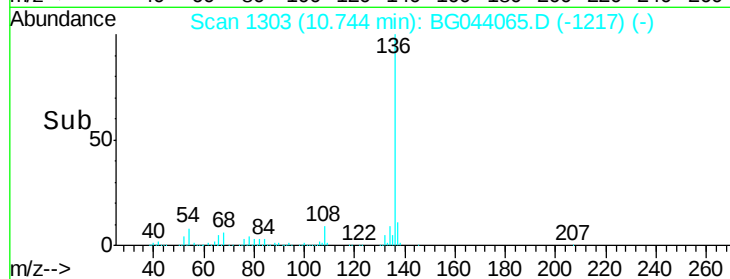
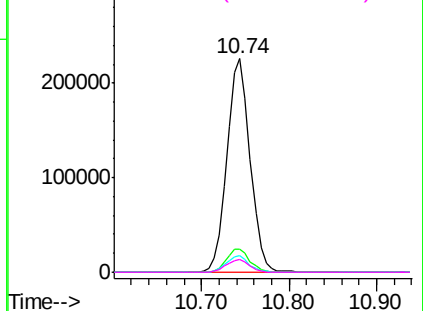
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044065.D
Acq: 16 Jan 2020 12:45

Instrument :
BNA_G
ClientSampleId :
FESB-34-(4.5-5)

Tot Ion:136	Resp:	406915
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.8	7.0 10.4
68	6.0	4.9 7.3

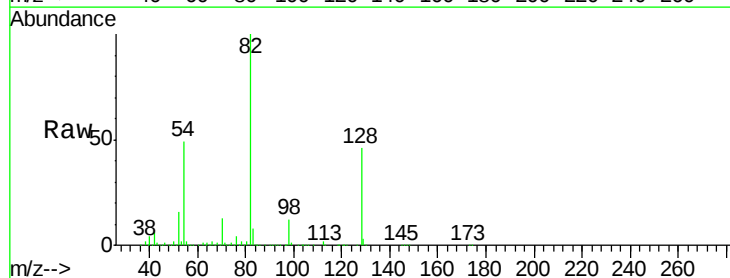


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

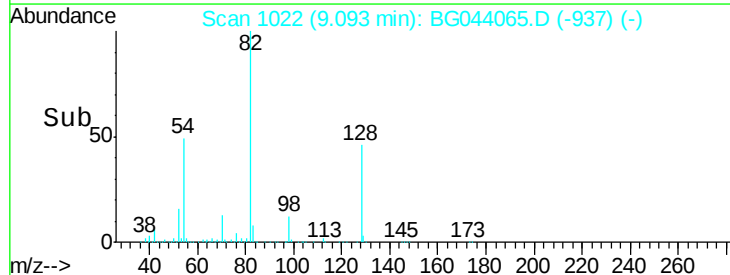
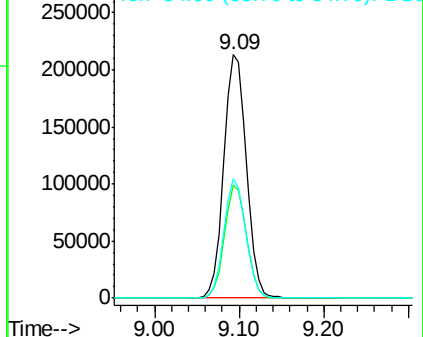


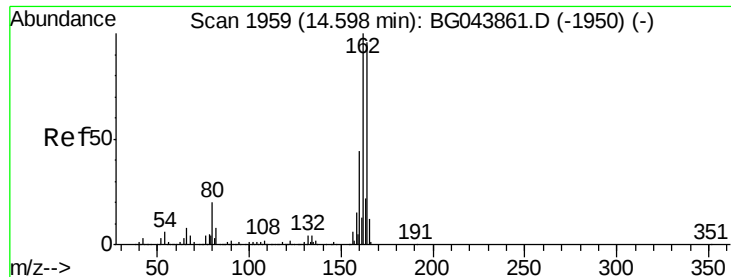
#23
Nitrobenzene-d5
Concen: 51.666 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG044065.D
Acq: 16 Jan 2020 12:45

Tgt Ion: 82	Resp:	392996
Ion Ratio	Lower	Upper
82	100	
128	46.2	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): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044065.D

Acq: 16 Jan 2020 12:45

Instrument :

BNA_G

ClientSampleId :

FESB-34-(4.5-5)

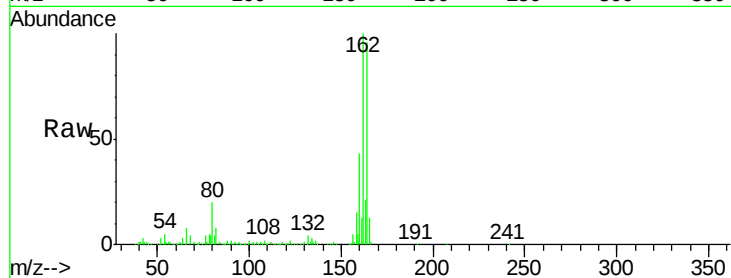
Tot Ion:164 Resp: 245895

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

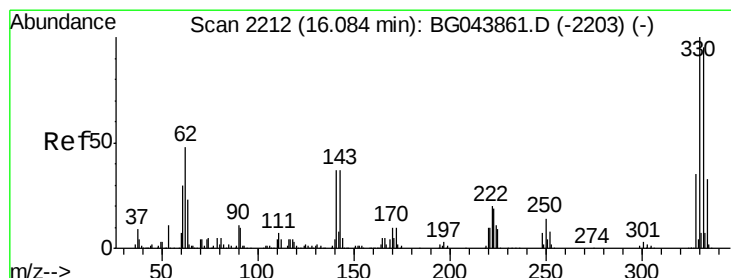
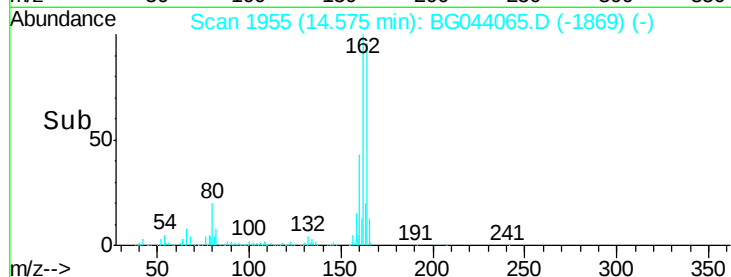
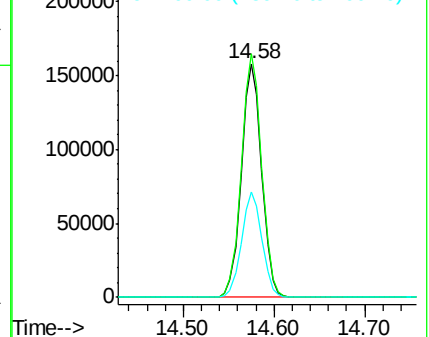
160 45.2 36.1 54.1



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: 90.014 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044065.D

Acq: 16 Jan 2020 12:45

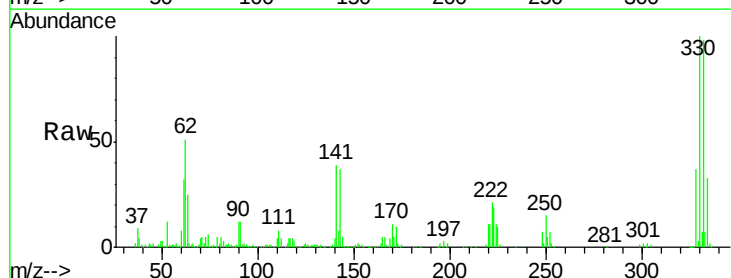
Tgt Ion:330 Resp: 231628

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

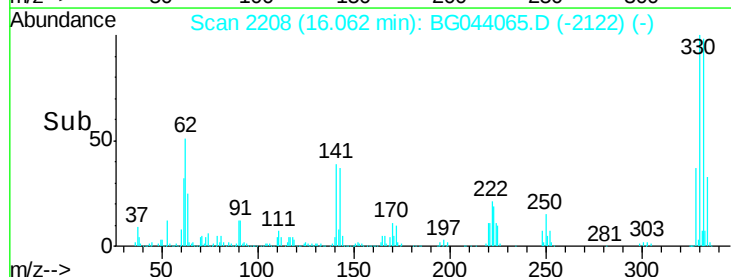
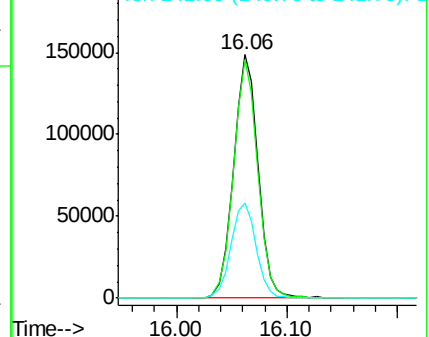
141 40.2 33.1 49.7



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

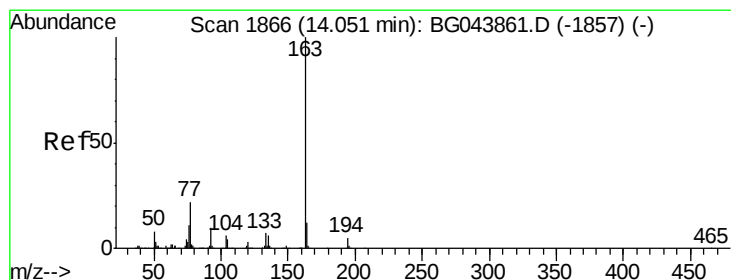
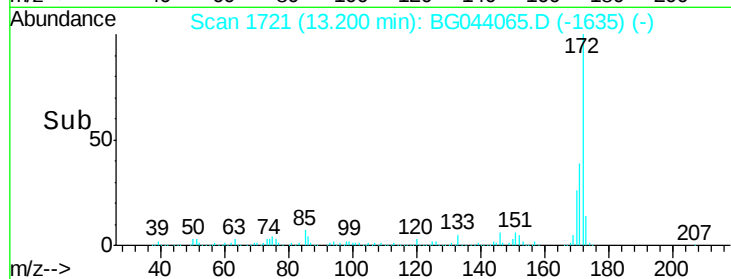
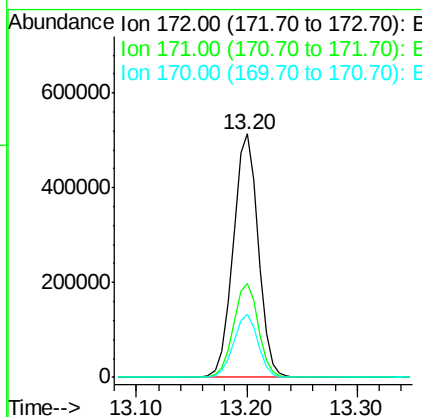
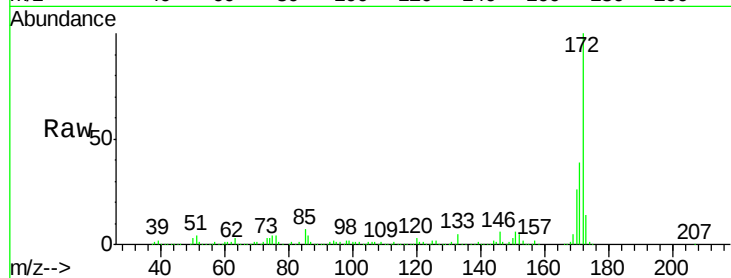




#45
2-Fluorobiphenyl
Concen: 60.130 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044065.D
Acq: 16 Jan 2020 12:45

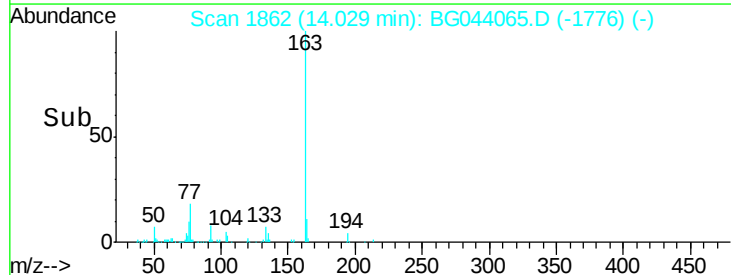
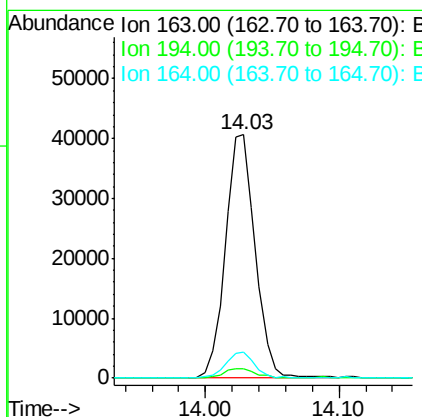
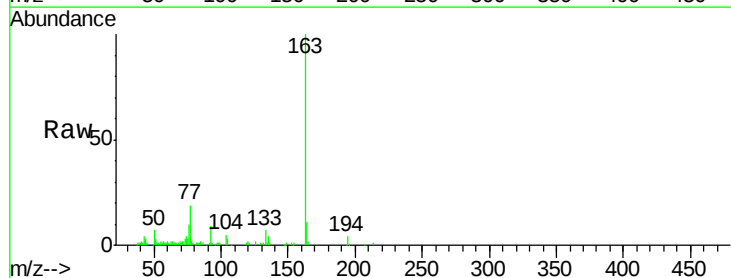
Instrument :
BNA_G
ClientSampleId :
FESB-34-(4.5-5)

Tot Ion:172 Resp: 816089
Ion Ratio Lower Upper
172 100
171 38.6 35.8 53.8
170 25.8 24.2 36.4



#50
Dimethylphthalate
Concen: 3.638 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044065.D
Acq: 16 Jan 2020 12:45

Tgt Ion:163 Resp: 63517
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 10.7 9.3 13.9

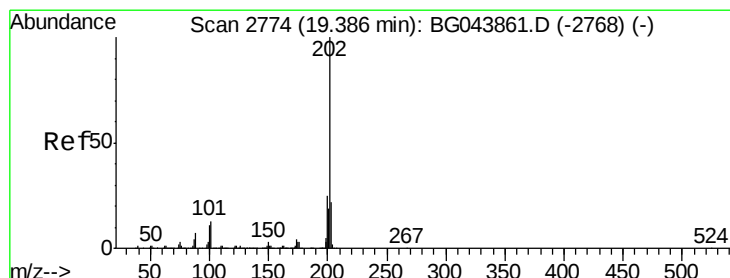
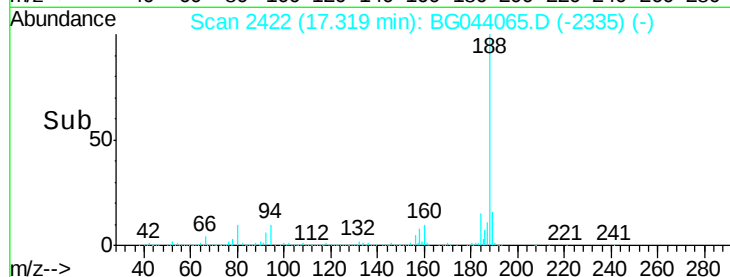
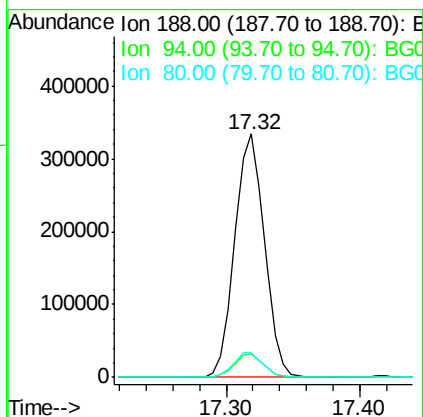
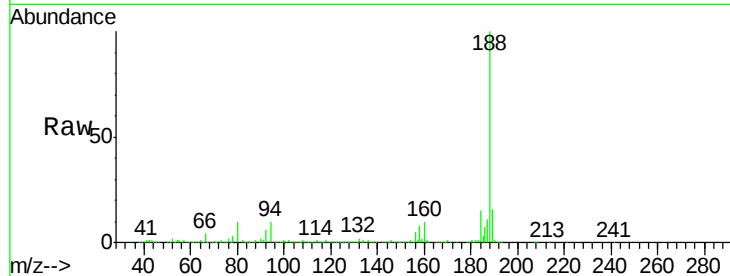




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044065.D
Acq: 16 Jan 2020 12:45

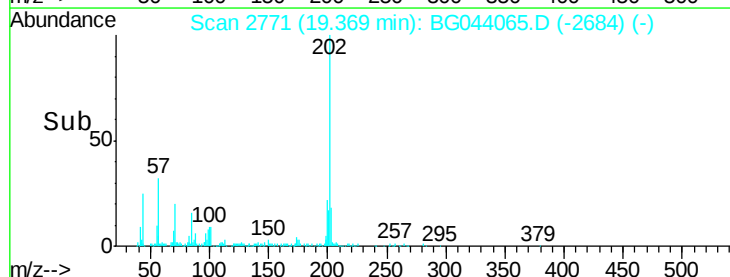
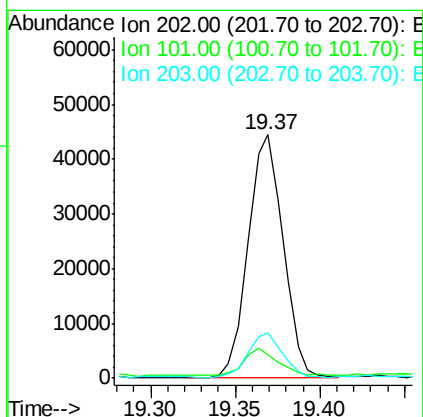
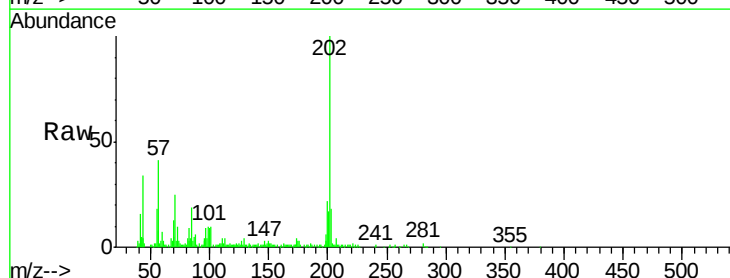
Instrument :
BNA_G
ClientSampleId :
FESB-34-(4.5-5)

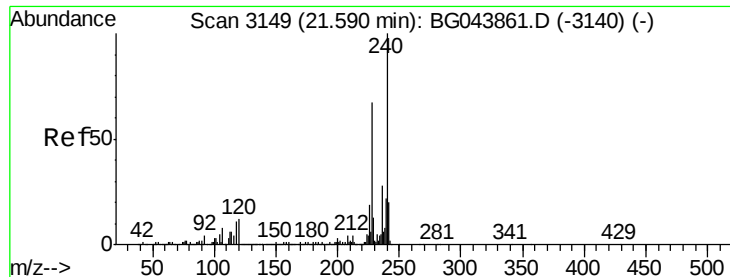
Tot Ion:188 Resp: 516228
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 8.2 12.4



#75
Fluoranthene
Concen: 2.277 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.02 min
Lab File: BG044065.D
Acq: 16 Jan 2020 12:45

Tgt Ion:202 Resp: 64476
Ion Ratio Lower Upper
202 100
101 9.7 0.0 33.3
203 18.4 1.6 41.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044065.D

Acq: 16 Jan 2020 12:45

Instrument :

BNA_G

ClientSampleId :

FESB-34-(4.5-5)

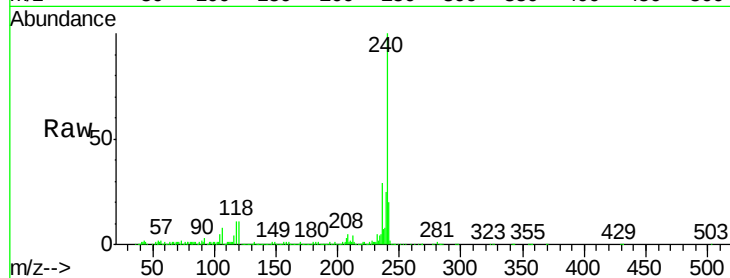
Tot Ion:240 Resp: 493544

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

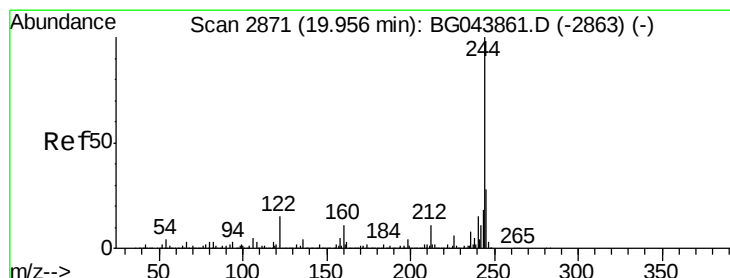
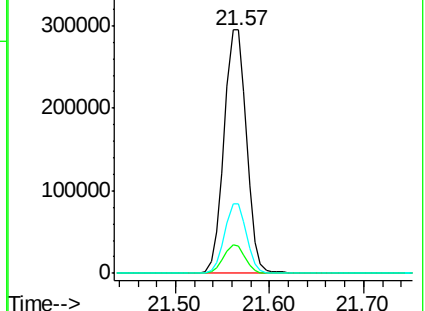
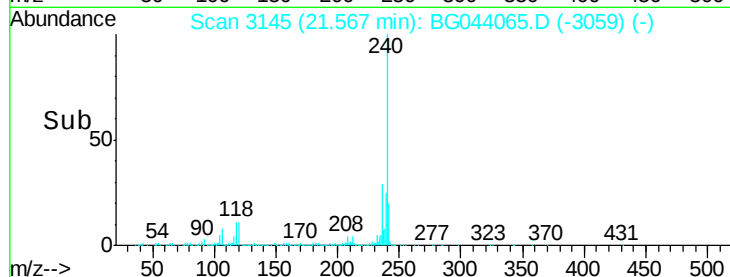
236 28.5 22.2 33.2



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: 48.693 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044065.D

Acq: 16 Jan 2020 12:45

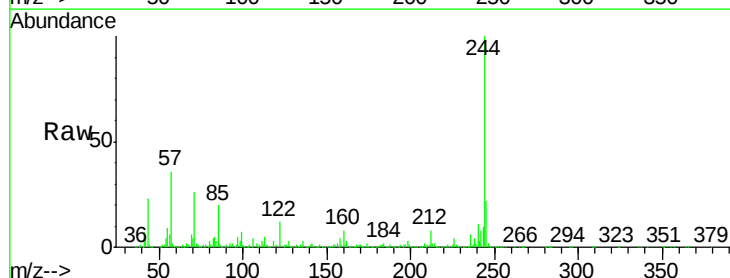
Tgt Ion:244 Resp: 1140976

Ion Ratio Lower Upper

244 100

212 8.5 8.6 13.0#

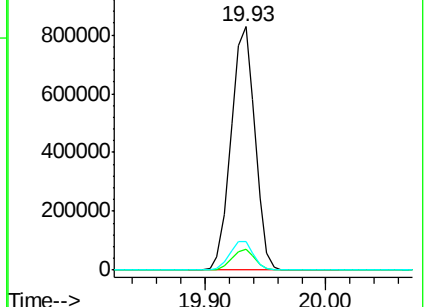
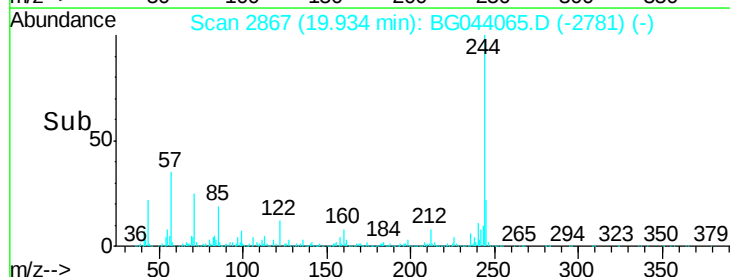
122 11.6 11.9 17.9#

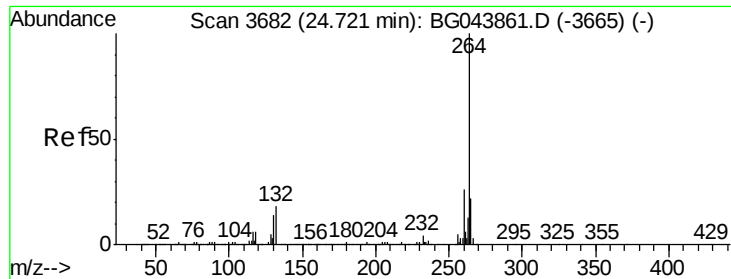


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG044065.D

Acq: 16 Jan 2020 12:45

Instrument :

BNA_G

ClientSampleId :

FESB-34-(4.5-5)

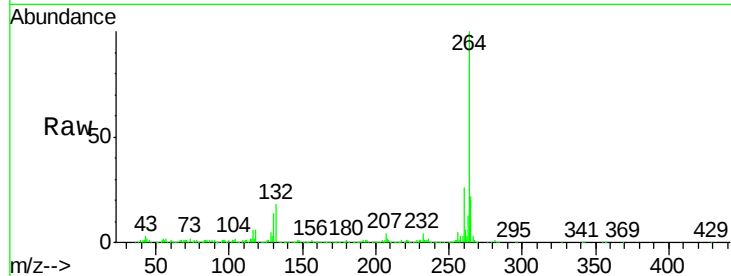
Tot Ion:264 Resp: 568702

Ion Ratio Lower Upper

264 100

260 25.8 20.4 30.6

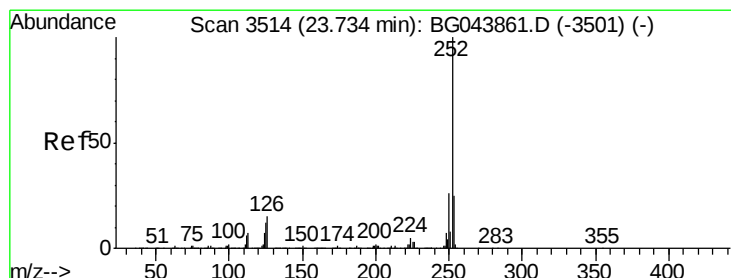
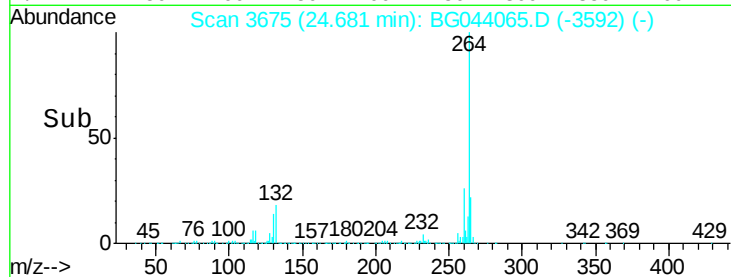
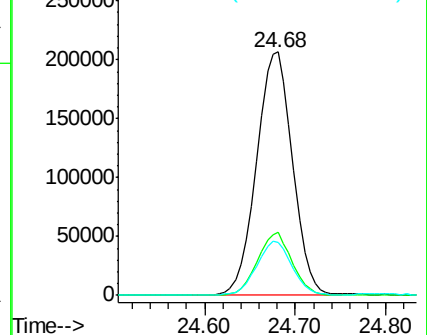
265 21.8 17.4 26.2



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: 2.148 ng

RT: 23.69 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG044065.D

Acq: 16 Jan 2020 12:45

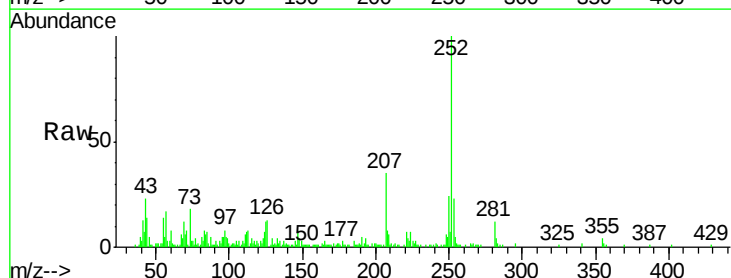
Tgt Ion:252 Resp: 72205

Ion Ratio Lower Upper

252 100

253 22.5 19.7 29.5

125 12.0 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

