

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
 Data File : BG041063.D
 Acq On : 4 Jun 2019 18:14
 Operator : HP/JU
 Sample : K3076-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)

Quant Time: Jun 05 05:42:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

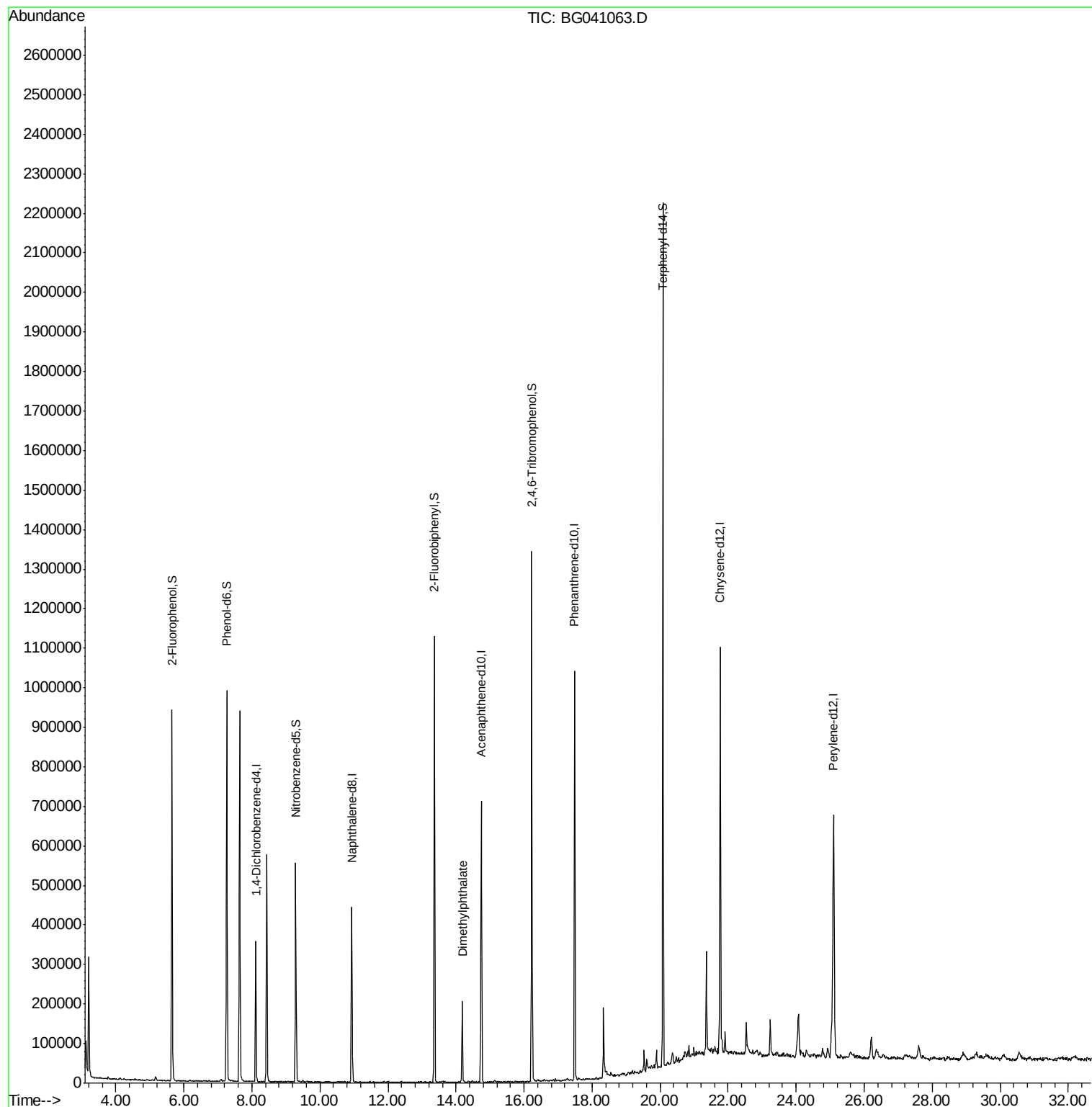
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	92334	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	352329	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	254117	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	643475	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	632745	20.00	ng	-0.02
87) Perylene-d12	25.10	264	696106	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	361232	70.55	ng	0.00
7) Phenol-d6	7.26	99	521040	65.89	ng	0.00
23) Nitrobenzene-d5	9.29	82	340775	42.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	256942	68.11	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	579642	32.85	ng	-0.02
79) Terphenyl-d14	20.08	244	1013037	33.98	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.18	163	127971	5.949	ng	Qvalue 98

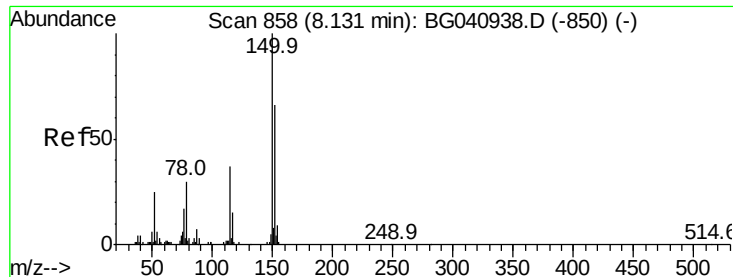
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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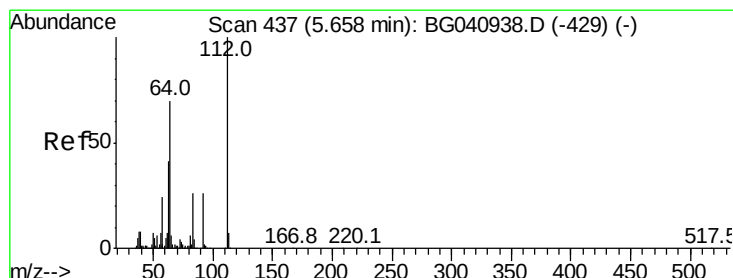
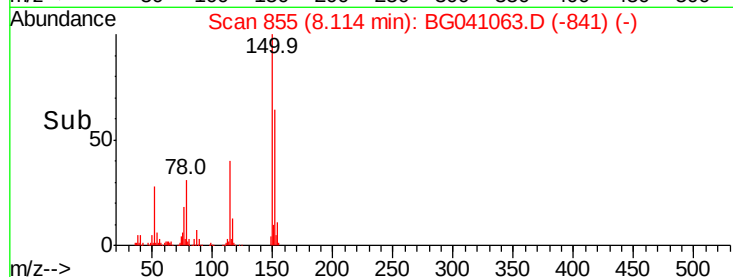
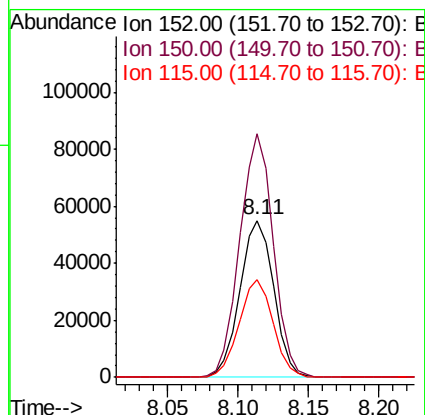
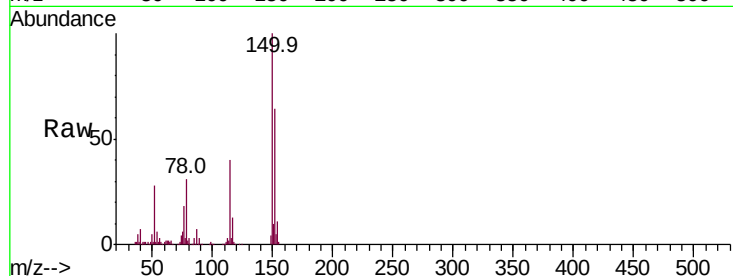


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

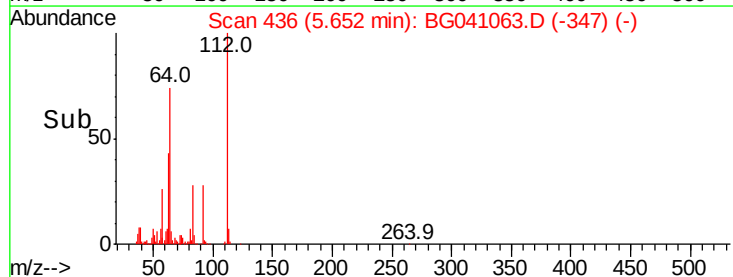
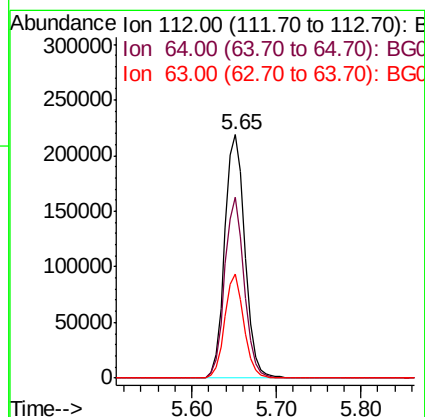
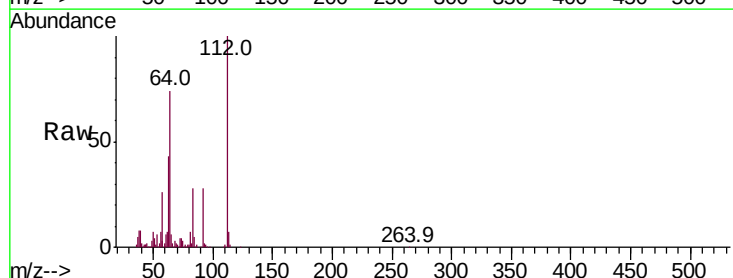
Tot Ion:152 Resp: 92334
Ion Ratio Lower Upper
152 100
150 155.3 120.6 180.8
115 62.1 45.1 67.7

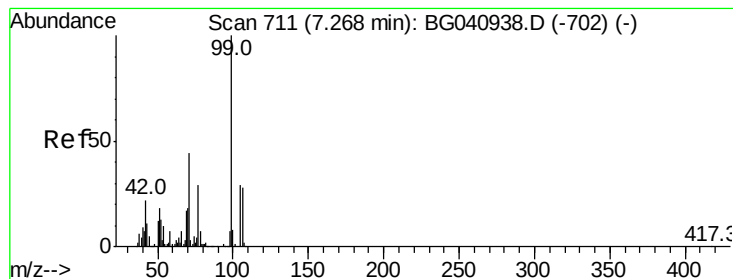


#5

2-Fluorophenol
Concen: 70.546 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

Tgt Ion:112 Resp: 361232
Ion Ratio Lower Upper
112 100
64 74.1 56.2 84.2
63 42.9 32.8 49.2





#7

Phenol-d6

Concen: 65.887 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)

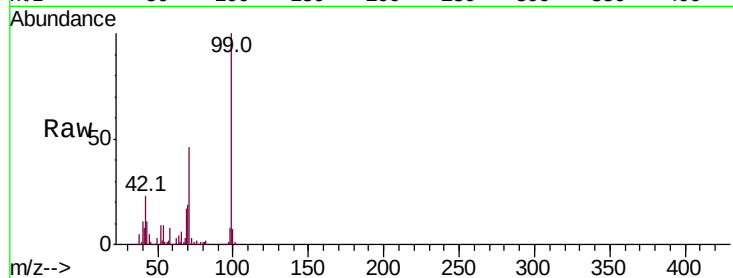
Tot Ion: 99 Resp: 521040

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

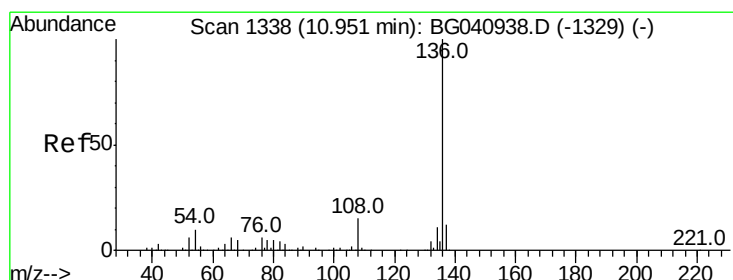
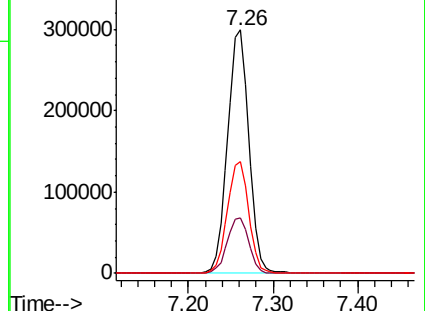
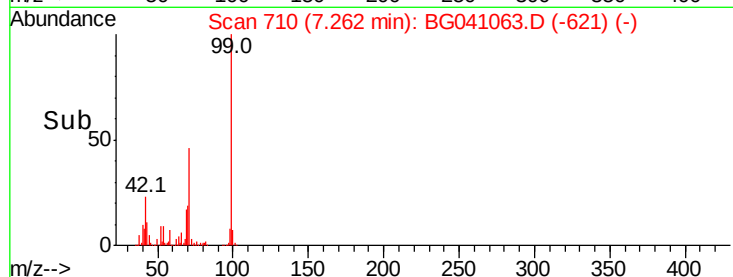
71 45.7 35.4 53.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

Tgt Ion: 136 Resp: 352329

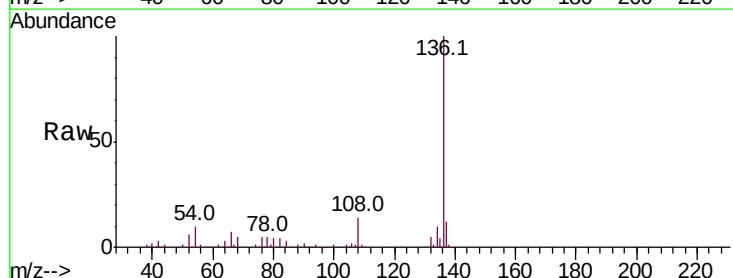
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 9.5 7.6 11.4

68 5.3 3.9 5.9

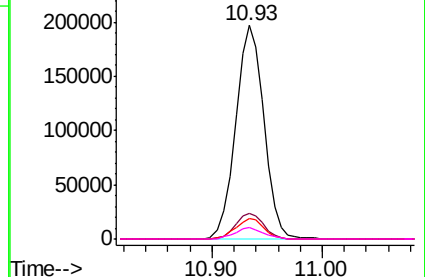
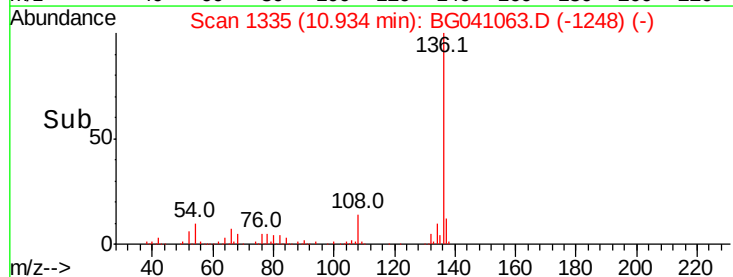


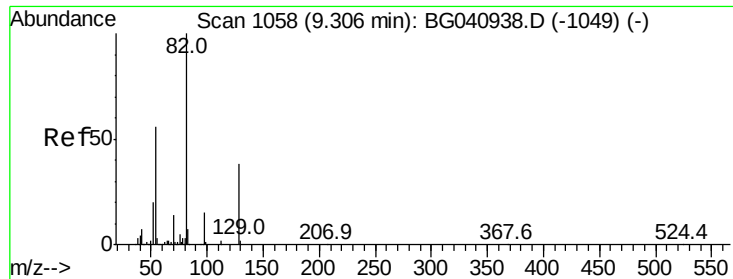
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

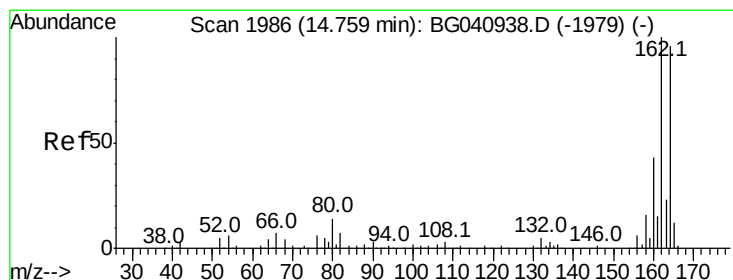
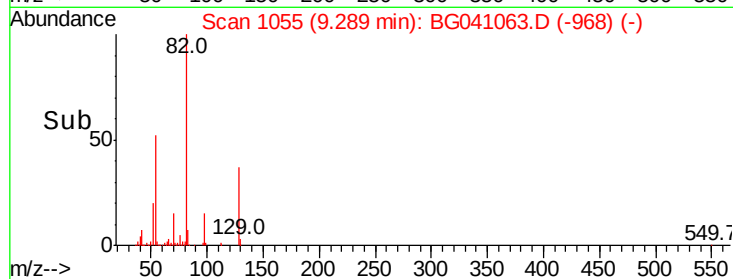
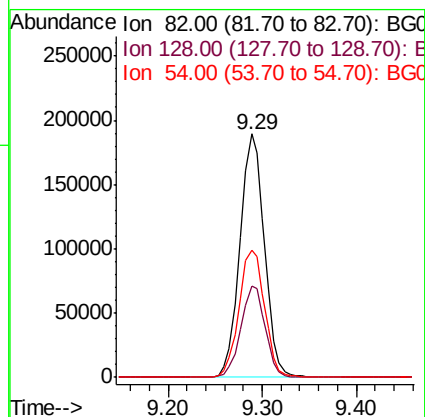
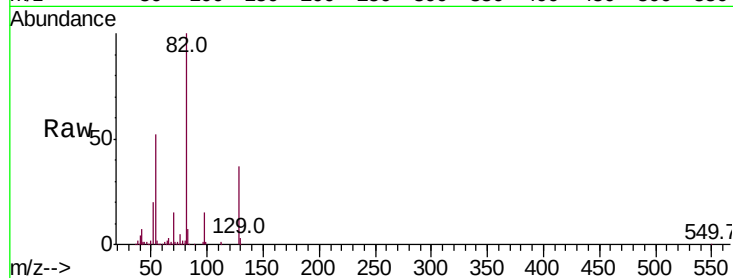




#23
 Nitrobenzene-d5
 Concen: 42.938 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BG041063.D
 Acq: 4 Jun 2019 18:14

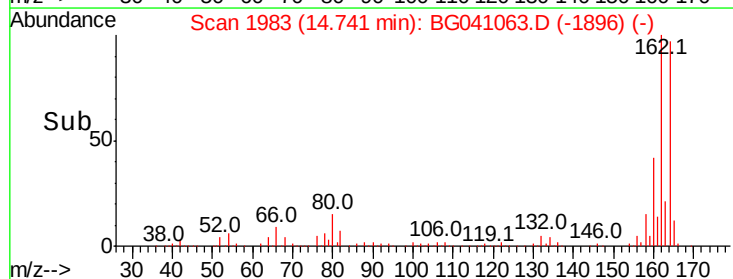
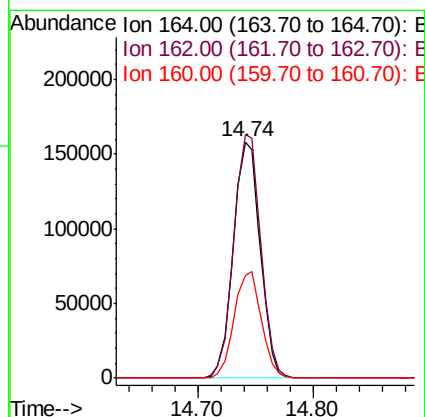
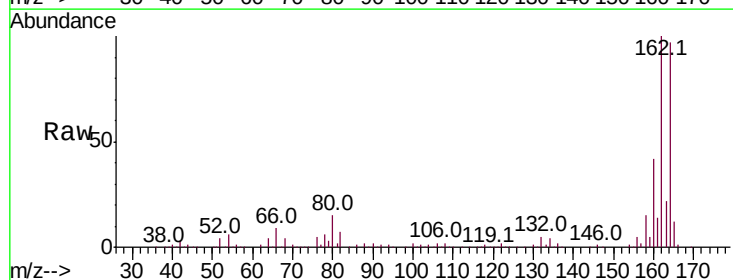
Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)

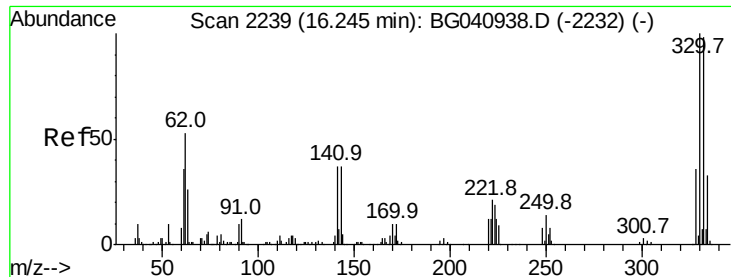
Tot Ion	82	Resp	340775
Ion Ratio	100	Lower	Upper
128	37.3	30.5	45.7
54	52.2	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BG041063.D
 Acq: 4 Jun 2019 18:14

Tgt Ion	164	Resp	254117
Ion Ratio	100	Lower	Upper
162	103.0	83.0	124.4
160	43.7	35.6	53.4

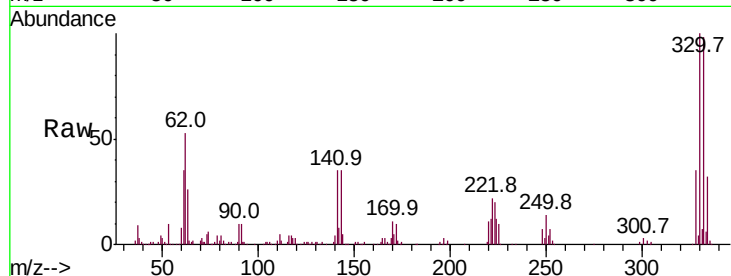




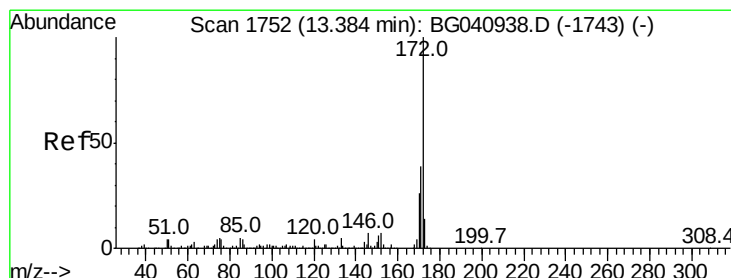
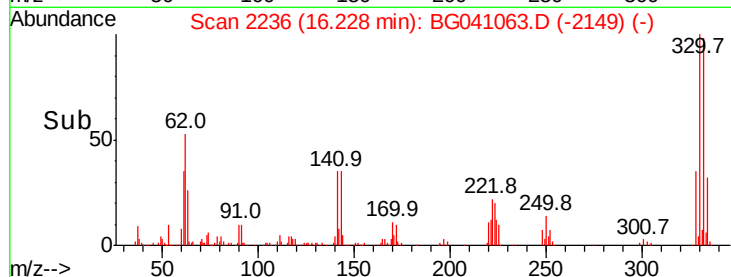
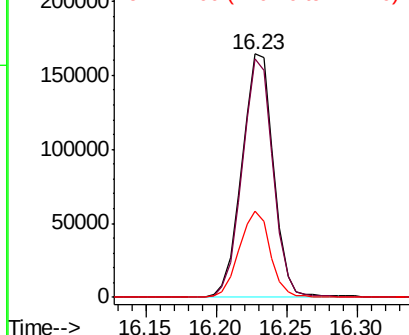
#42
 2,4,6-Tribromophenol
 Concen: 68.108 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BG041063.D
 Acq: 4 Jun 2019 18:14

Instrument :
 BNA_G
 ClientSampleId :
 FESB-07(5-5.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	34.8	28.7	43.1

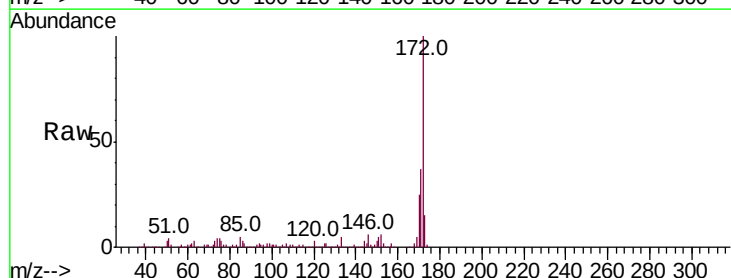


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

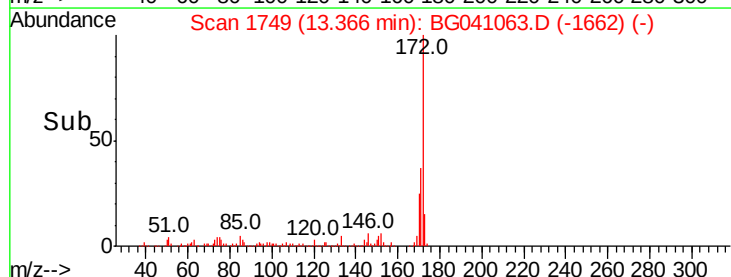
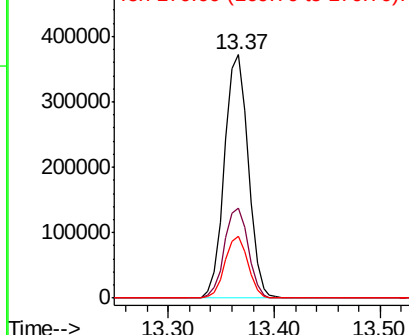


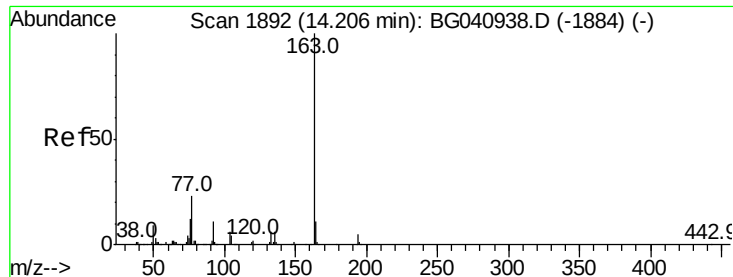
#45
 2-Fluorobiphenyl
 Concen: 32.849 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BG041063.D
 Acq: 4 Jun 2019 18:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.1	46.7
170	25.3	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.949 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

Instrument :

BNA_G

ClientSampleId :

FESB-07(5-5.5)

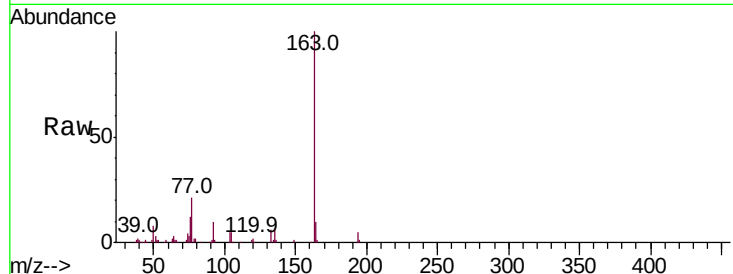
Tot Ion:163 Resp: 127971

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.8

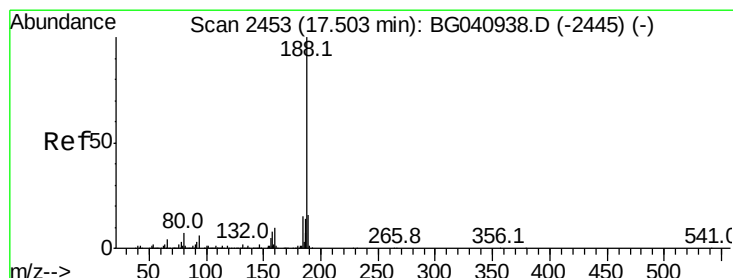
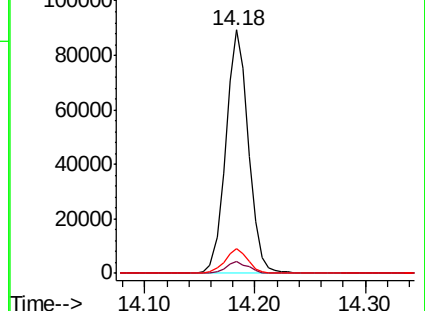
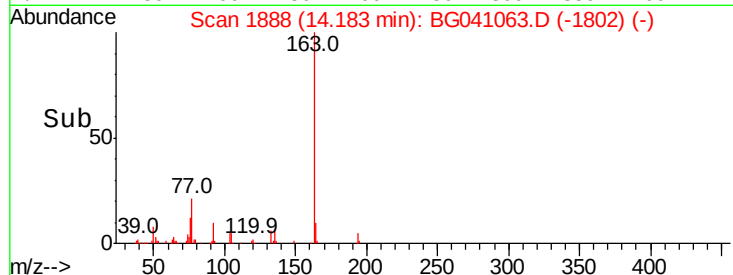
164 9.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041063.D

Acq: 4 Jun 2019 18:14

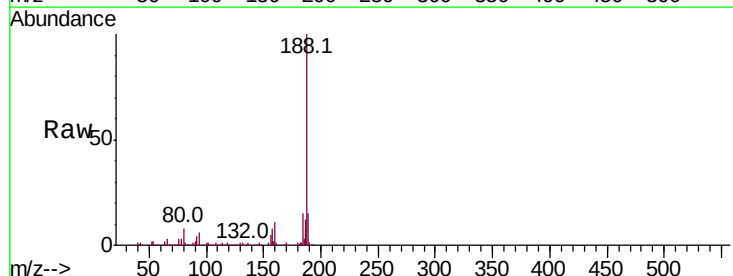
Tgt Ion:188 Resp: 643475

Ion Ratio Lower Upper

188 100

94 6.0 4.7 7.1

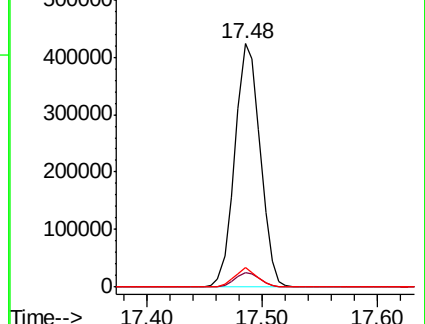
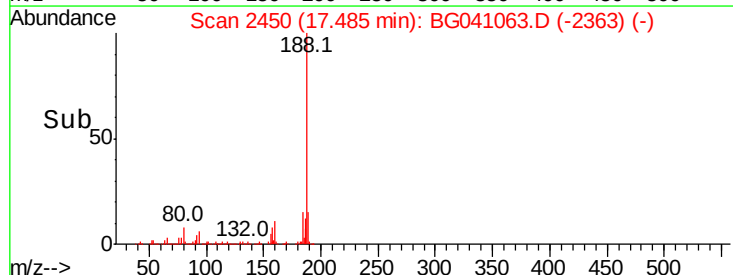
80 7.9 5.8 8.8

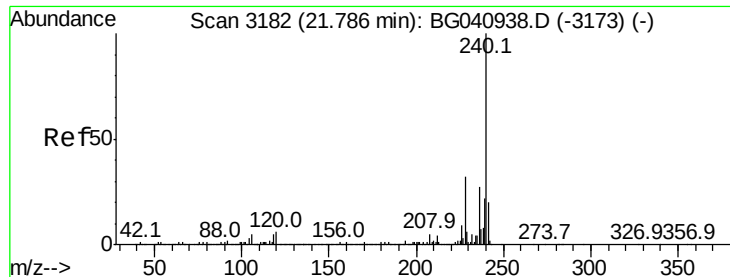


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

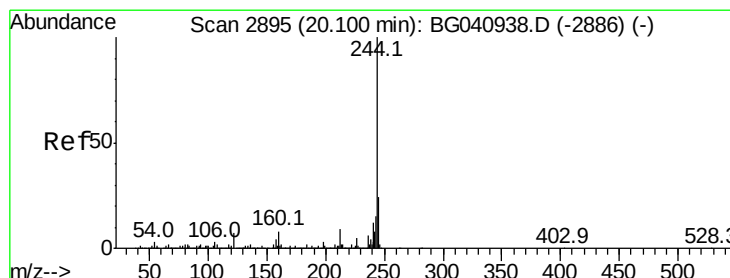
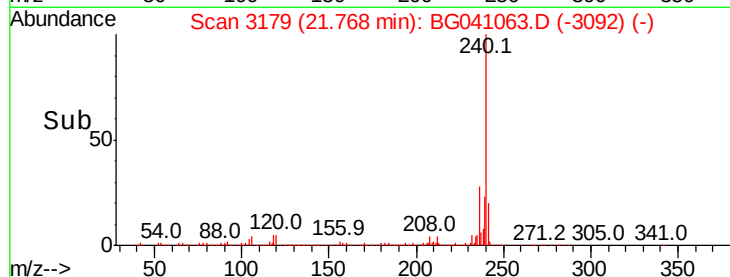
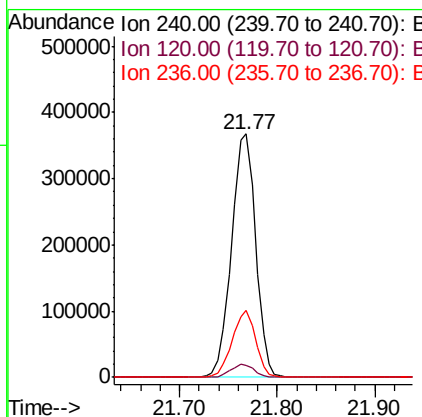
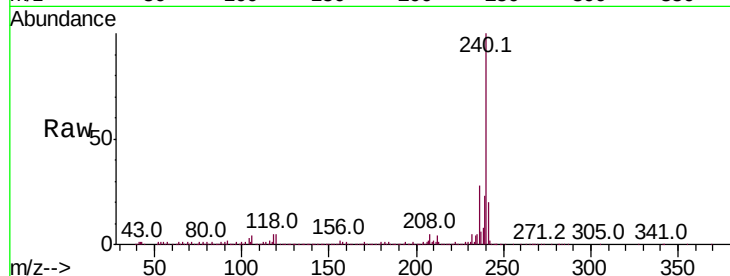




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.02 min
 Lab File: BG041063.D
 Acq: 4 Jun 2019 18:14

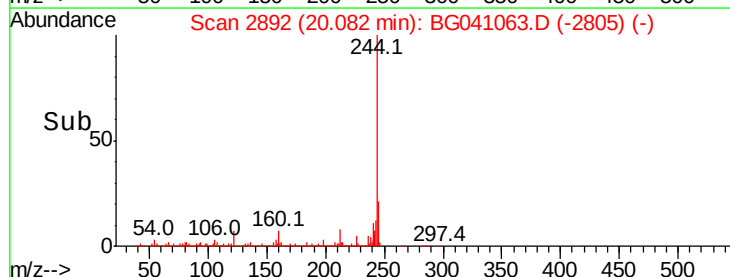
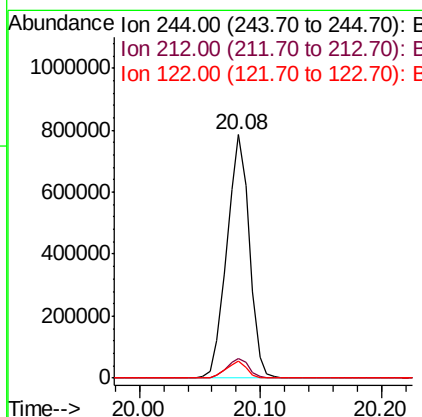
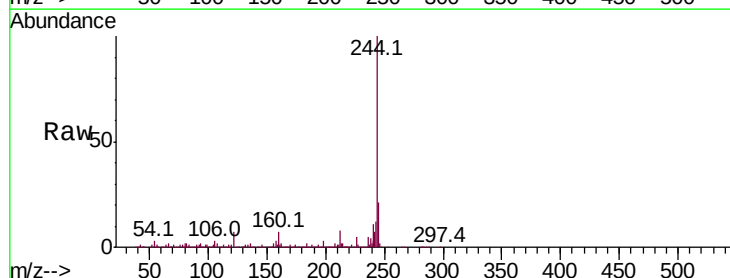
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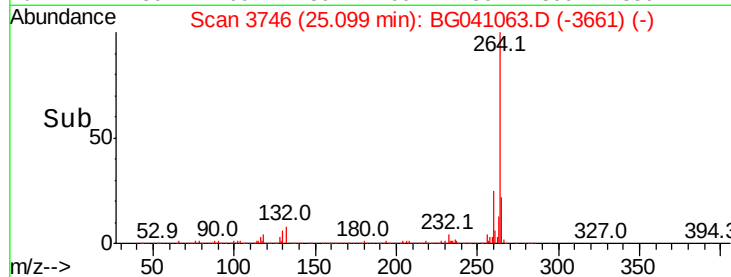
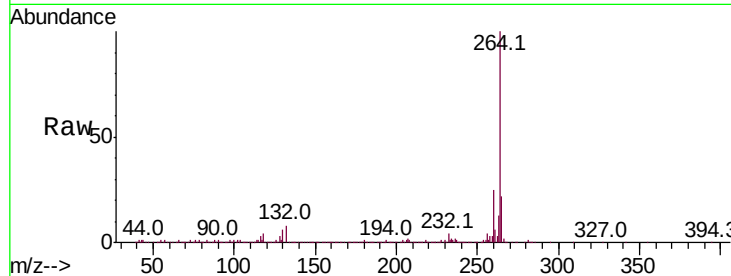
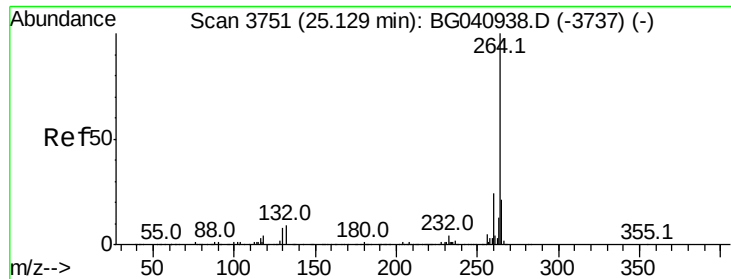
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.5	6.7
236	27.8	21.3	31.9



#79
 Terphenyl-d14
 Concen: 33.979 ng
 RT: 20.08 min Scan# 2892
 Delta R.T. -0.02 min
 Lab File: BG041063.D
 Acq: 4 Jun 2019 18:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.4
122	6.8	5.4	8.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3746
Delta R.T. -0.03 min
Lab File: BG041063.D
Acq: 4 Jun 2019 18:14

Instrument :
BNA_G
ClientSampleId :
FESB-07(5-5.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	22.3	17.0	25.4

