

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053019\
 Data File : BG040948.D
 Acq On : 30 May 2019 12:35
 Operator : HP/JU
 Sample : K2944-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FESB-1(14.5-15)

Quant Time: May 30 18:35:37 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

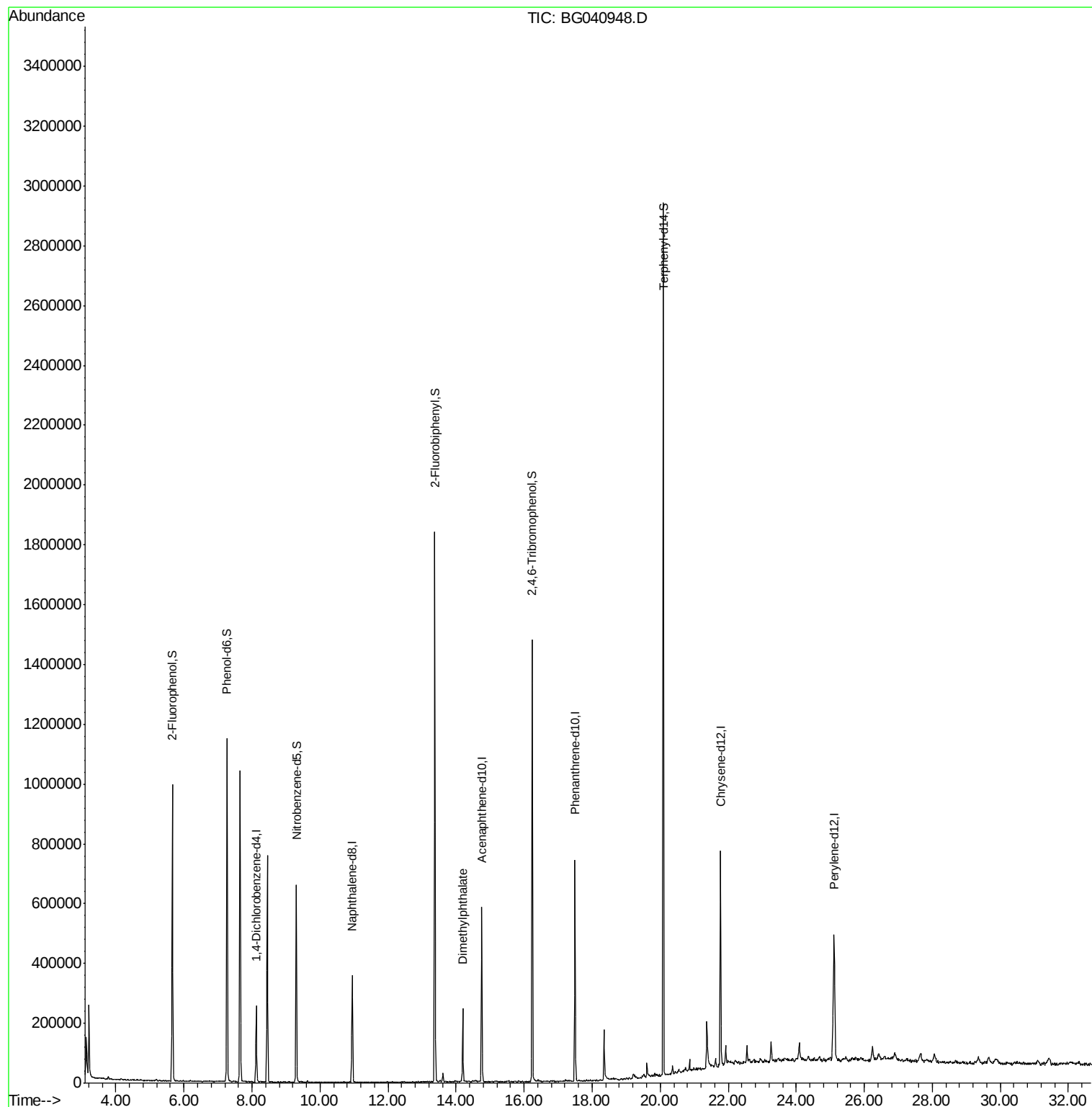
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	70312	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	287252	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	201398	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	462678	20.00	ng	0.00
76) Chrysene-d12	21.77	240	457960	20.00	ng	-0.01
87) Perylene-d12	25.11	264	491146	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	383308	98.30	ng	0.00
7) Phenol-d6	7.27	99	601431	99.87	ng	0.00
23) Nitrobenzene-d5	9.30	82	399620	61.76	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	270939	90.62	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	908698	64.98	ng	0.00
79) Terphenyl-d14	20.09	244	1324456	61.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.19	163	153428	9.000	ng	Qvalue 100

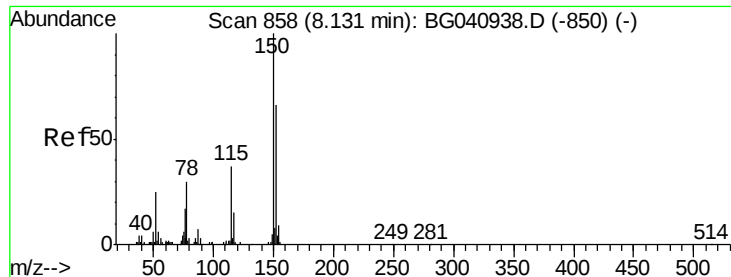
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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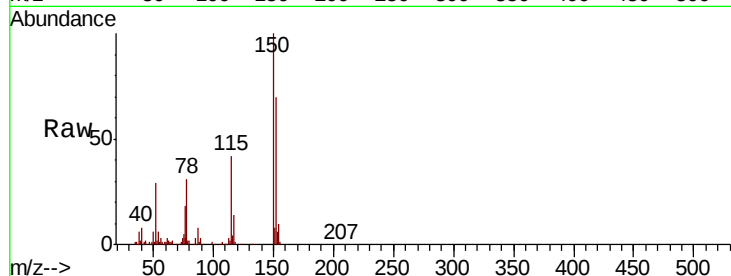


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040948.D
Acq: 30 May 2019 12:35

Instrument :
BNA_G
ClientSampleId :
FESB-1(14.5-15)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.1	120.6	180.8
115	59.2	45.1	67.7

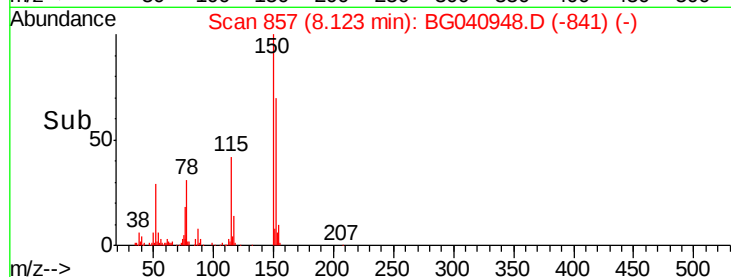
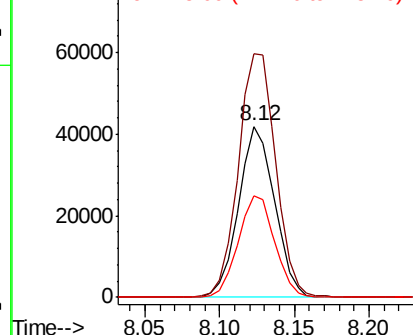


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

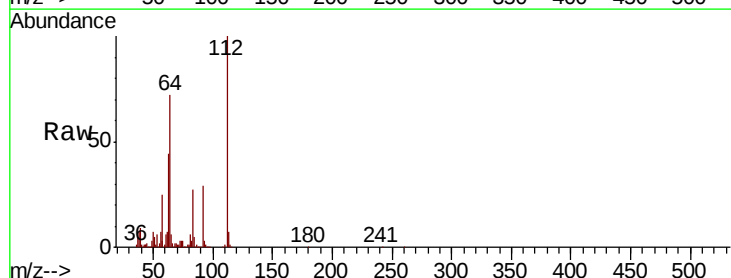
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.303 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG040948.D
Acq: 30 May 2019 12:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	56.2	84.2
63	43.6	32.8	49.2

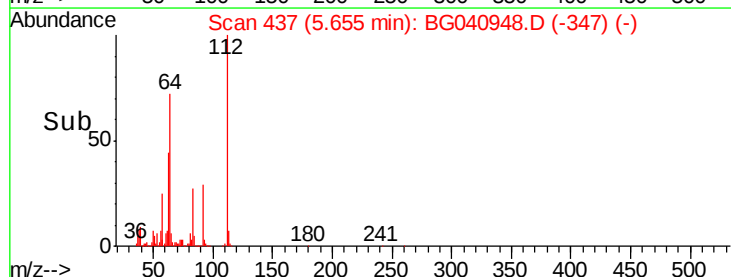
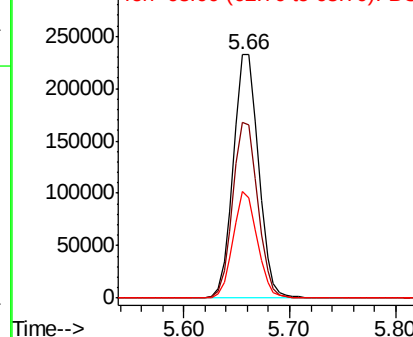


Abundance

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: 99.872 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040948.D

Acq: 30 May 2019 12:35

Instrument :

BNA_G

ClientSampleId :

FESB-1(14.5-15)

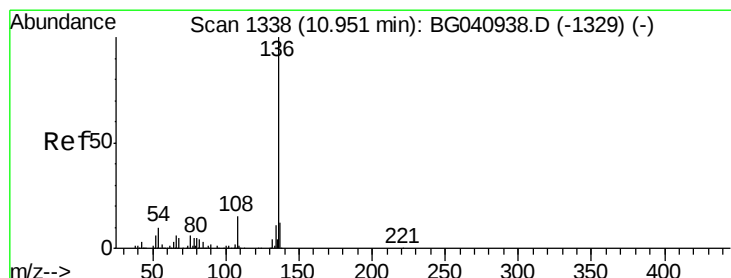
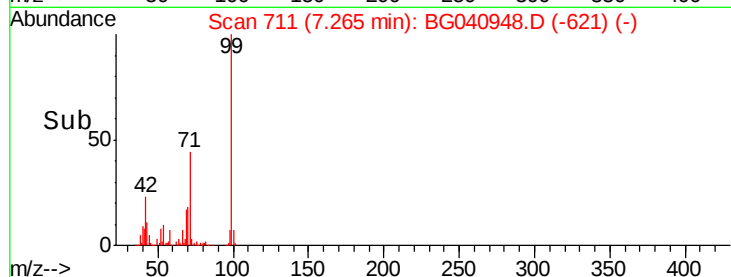
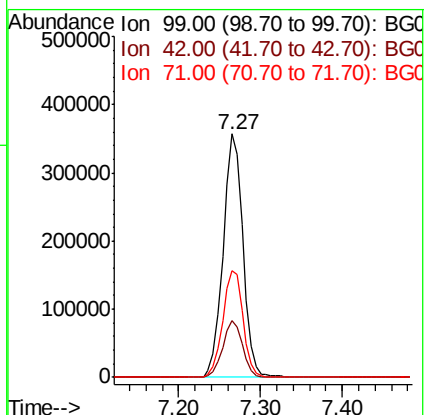
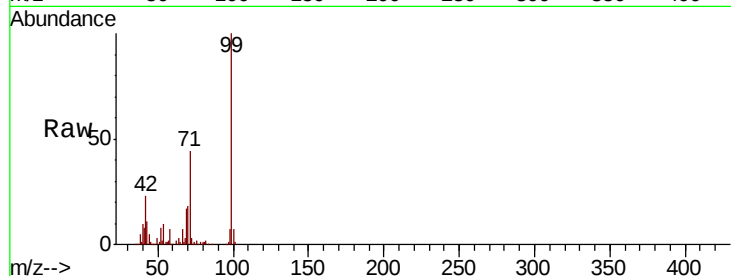
Tgt Ion: 99 Resp: 601431

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

71 43.7 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG040948.D

Acq: 30 May 2019 12:35

Tgt Ion: 136 Resp: 287252

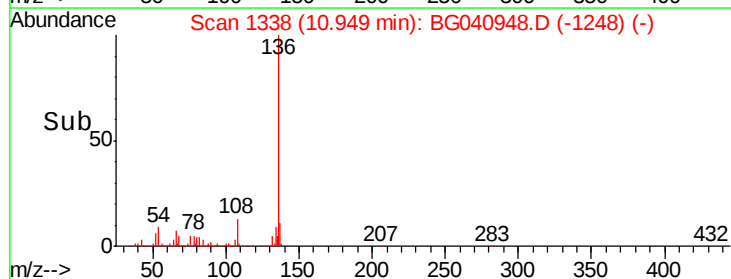
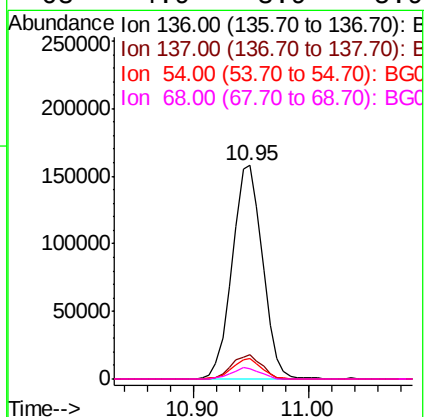
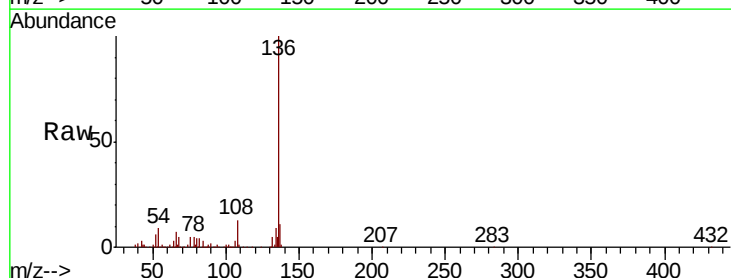
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 9.8 7.6 11.4

68 4.9 3.9 5.9

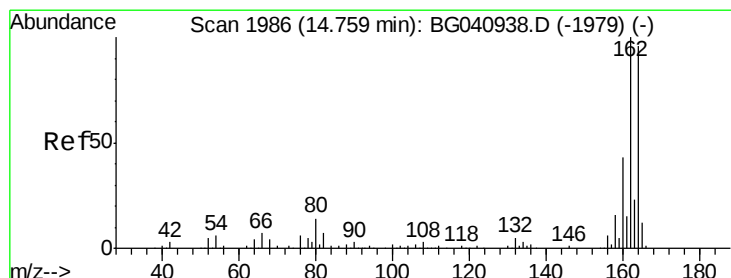
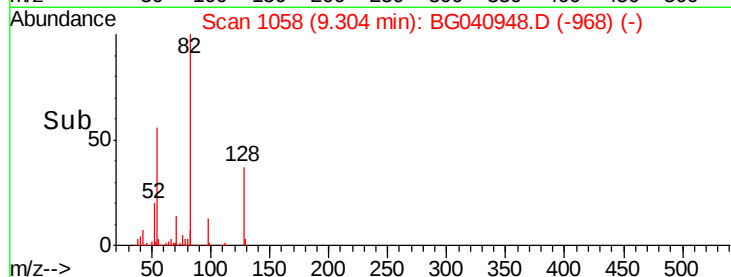
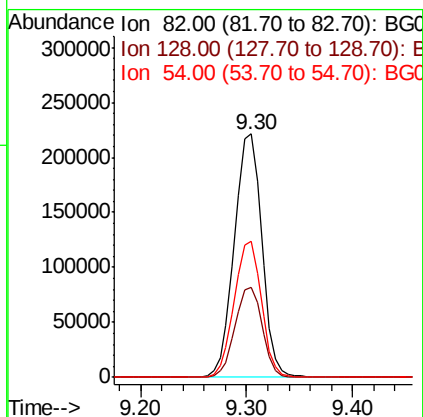
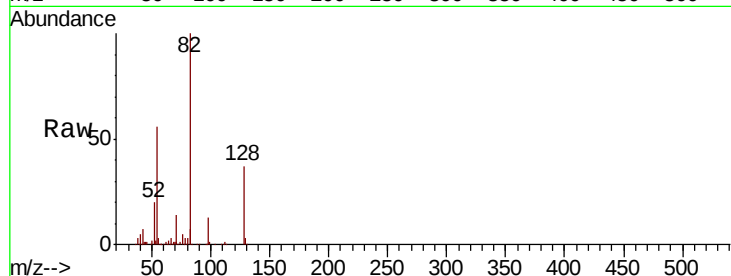




#23
 Nitrobenzene-d5
 Concen: 61.760 ng
 RT: 9.30 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BG040948.D
 Acq: 30 May 2019 12:35

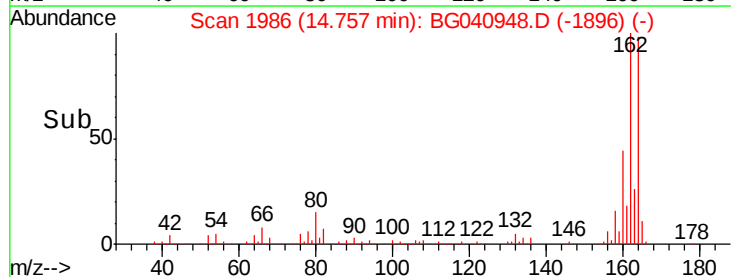
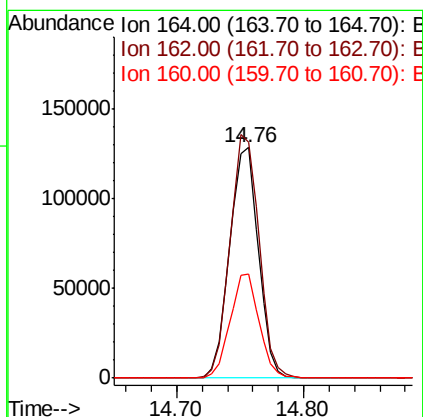
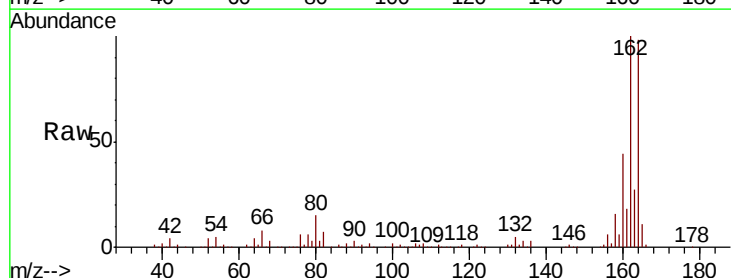
Instrument :
 BNA_G
 ClientSampleId :
 FESB-1(14.5-15)

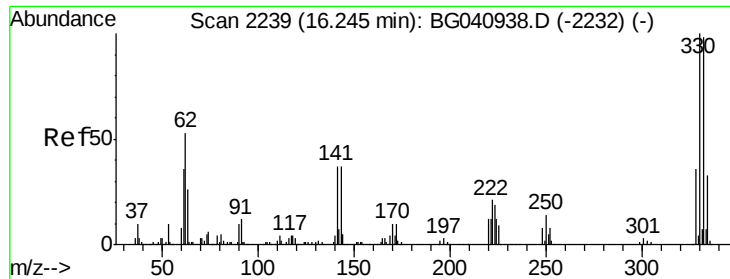
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.0	30.5	45.7
54	55.8	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG040948.D
 Acq: 30 May 2019 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.4
160	45.1	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 90.618 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040948.D

Acq: 30 May 2019 12:35

Instrument :

BNA_G

ClientSampleId :

FESB-1(14.5-15)

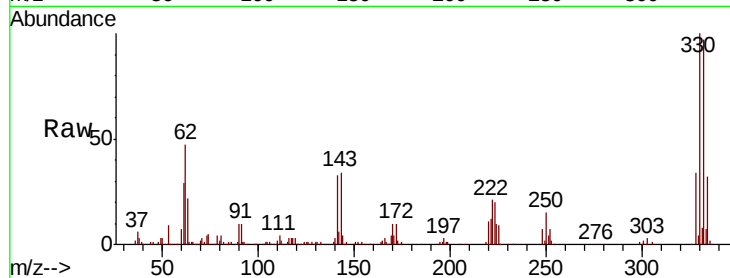
Tgt Ion:330 Resp: 270939

Ion Ratio Lower Upper

330 100

332 98.3 78.5 117.7

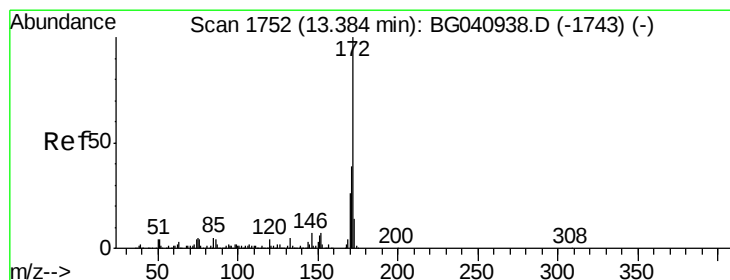
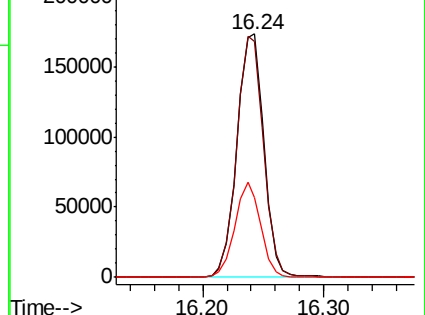
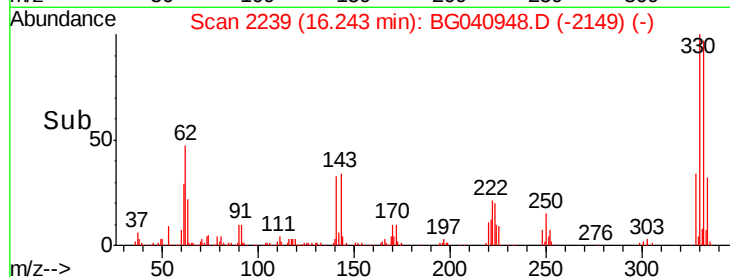
141 37.4 28.7 43.1



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: 64.977 ng

RT: 13.38 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BG040948.D

Acq: 30 May 2019 12:35

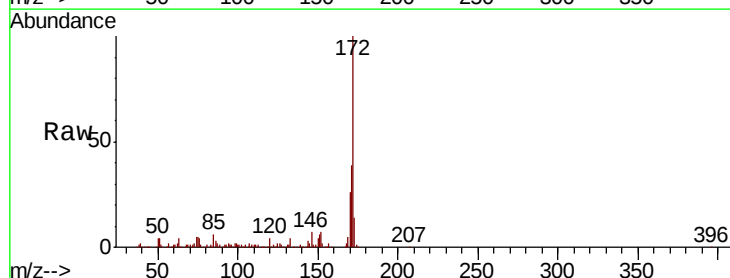
Tgt Ion:172 Resp: 908698

Ion Ratio Lower Upper

172 100

171 38.6 31.1 46.7

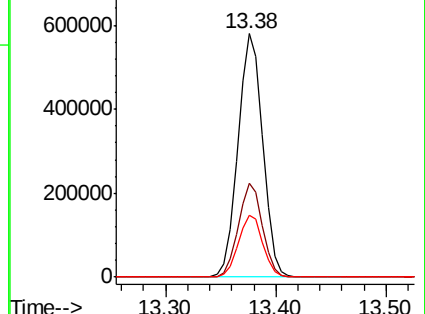
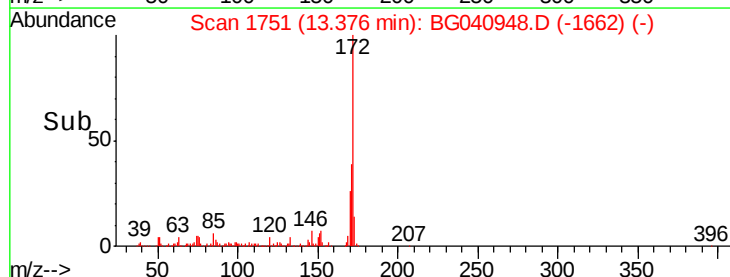
170 25.7 20.5 30.7

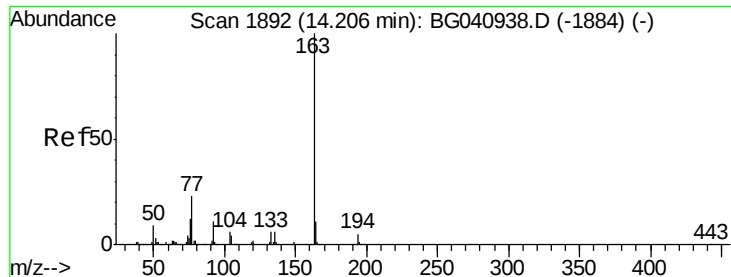


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

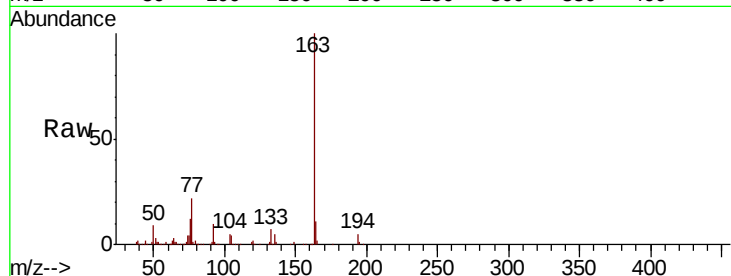




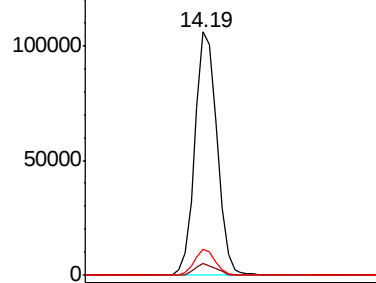
#50
Dimethylphthalate
Concen: 9.000 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG040948.D
Acq: 30 May 2019 12:35

Instrument :
BNA_G
ClientSampleId :
FESB-1(14.5-15)

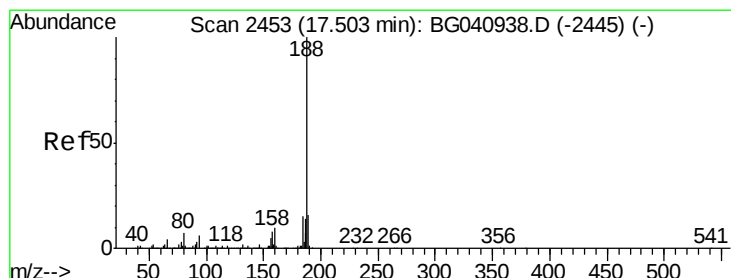
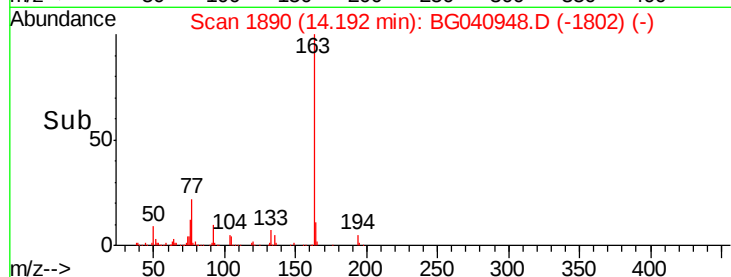
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	10.7	8.7	13.1



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

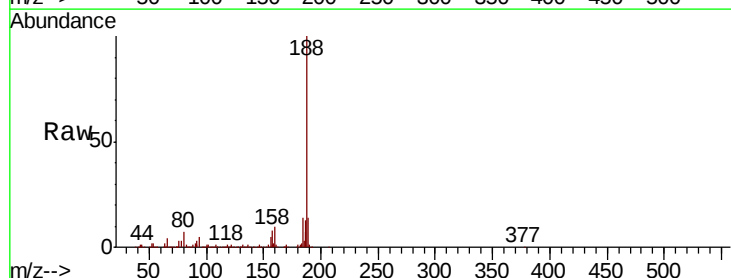


Time--> 14.10 14.20 14.30

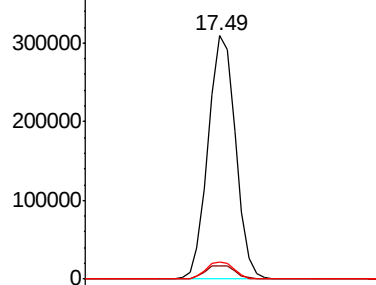


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040948.D
Acq: 30 May 2019 12:35

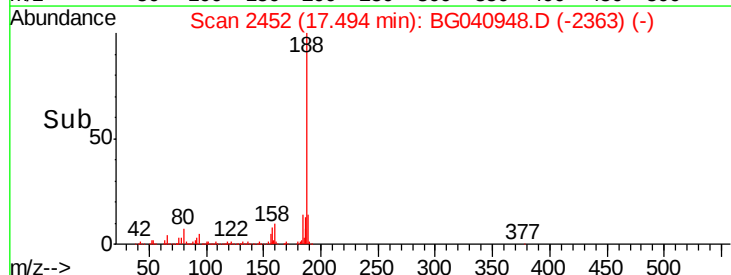
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.7	7.1
80	7.2	5.8	8.8

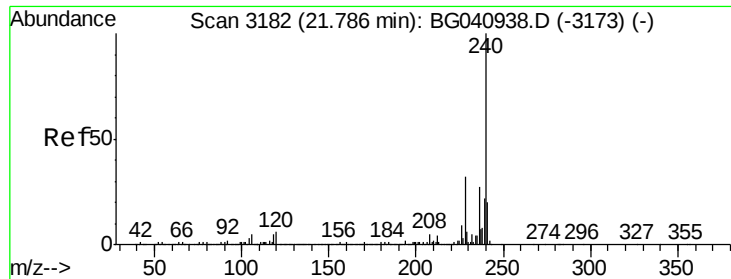


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50 17.60

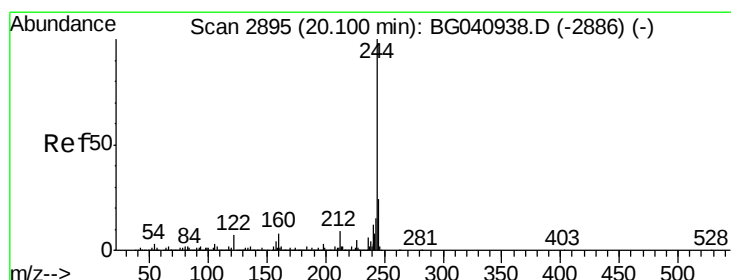
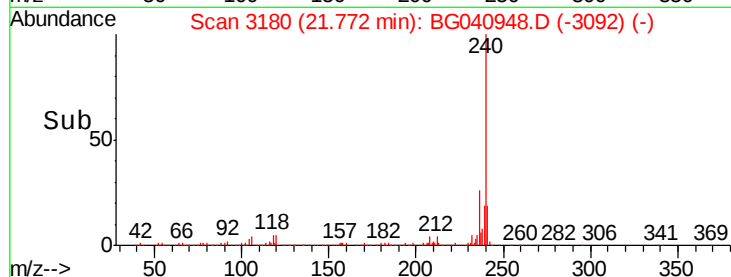
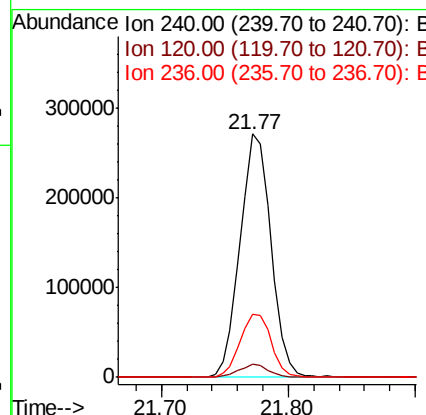
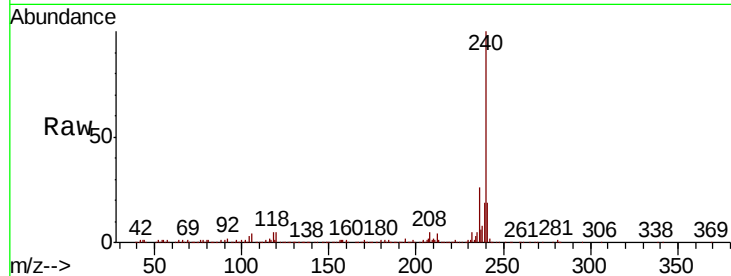




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG040948.D
Acq: 30 May 2019 12:35

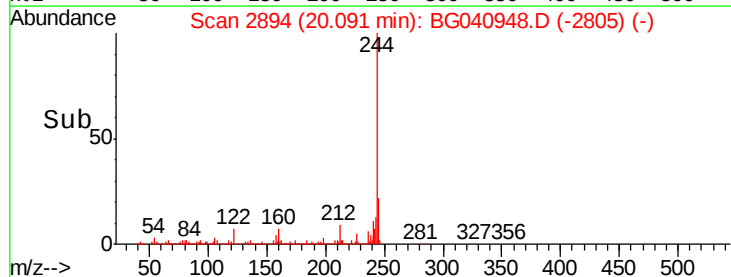
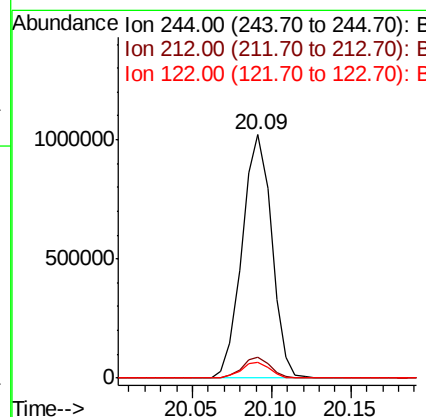
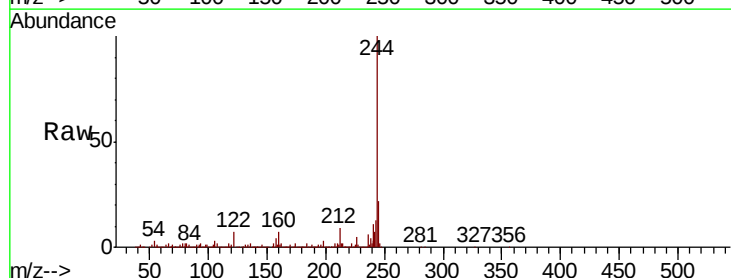
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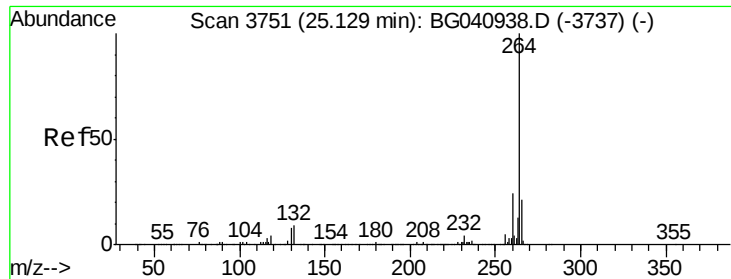
Tgt Ion:240 Resp: 457960
Ion Ratio Lower Upper
240 100
120 5.3 4.5 6.7
236 25.8 21.3 31.9



#79
Terphenyl-d14
Concen: 61.380 ng
RT: 20.09 min Scan# 2894
Delta R.T. -0.01 min
Lab File: BG040948.D
Acq: 30 May 2019 12:35

Tgt Ion:244 Resp: 1324456
Ion Ratio Lower Upper
244 100
212 8.8 7.0 10.4
122 6.7 5.4 8.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG040948.D
Acq: 30 May 2019 12:35

Instrument :
BNA_G
ClientSampleId :
FESB-1(14.5-15)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.4	17.0	25.4

