

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040919.D
 Acq On : 13 May 2019 20:03
 Operator : HP/JU
 Sample : K2800-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFFL-4

Quant Time: May 14 02:08:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

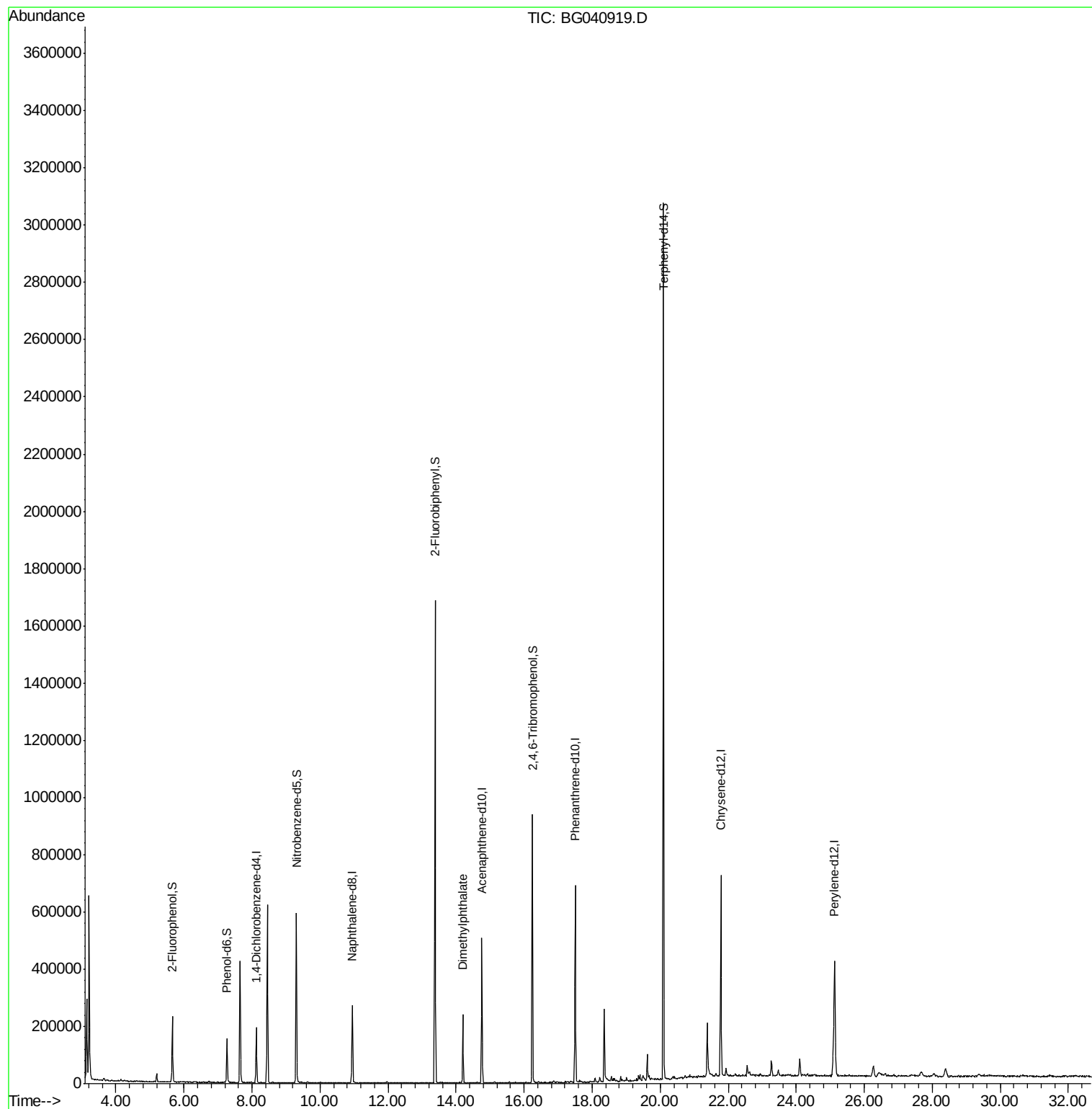
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	49773	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	217250	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	169725	20.00	ng	-0.04
64) Phenanthrene-d10	17.50	188	438855	20.00	ng	-0.04
76) Chrysene-d12	21.78	240	434184	20.00	ng	-0.04
87) Perylene-d12	25.13	264	468791	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	91567	32.43	ng	-0.02
7) Phenol-d6	7.27	99	84068	19.34	ng	-0.03
23) Nitrobenzene-d5	9.30	82	357105	75.95	ng	-0.04
42) 2,4,6-Tribromophenol	16.24	330	176526	75.67	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	869992	74.03	ng	-0.04
79) Terphenyl-d14	20.10	244	1461973	74.60	ng	-0.04
Target Compounds						Qvalue
50) Dimethylphthalate	14.20	163	146231	10.298	ng	97

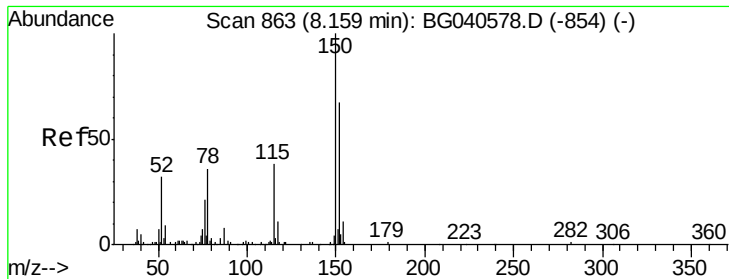
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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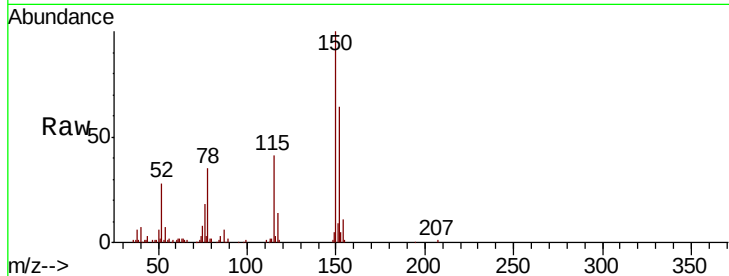


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Instrument :
BNA_G
ClientSampleId :
EFFL-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	120.2	180.2
115	63.8	46.2	69.2

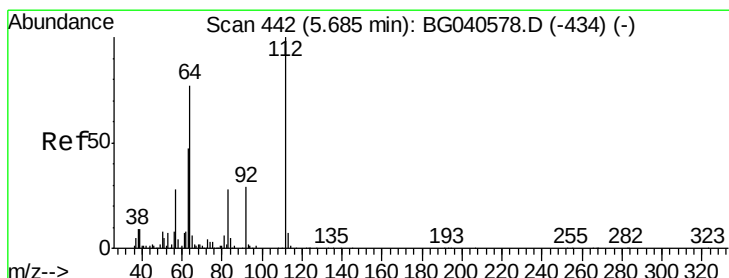
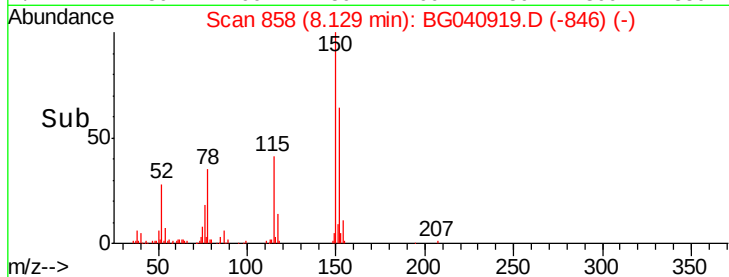
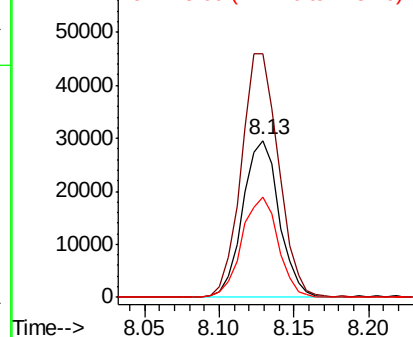


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

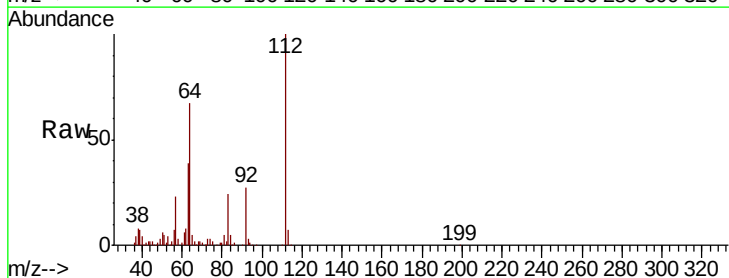
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 32.429 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	61.4	92.0
63	39.4	37.8	56.6

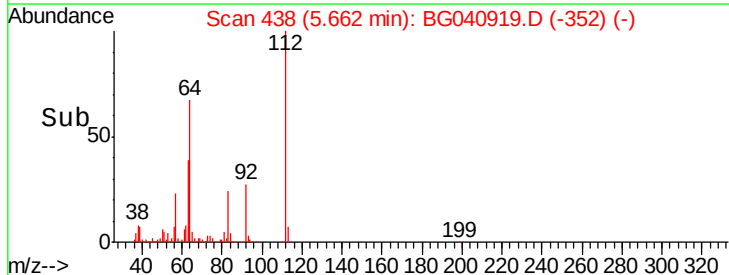
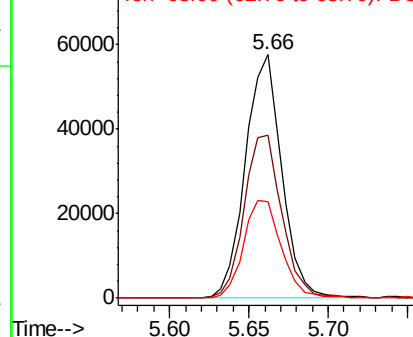


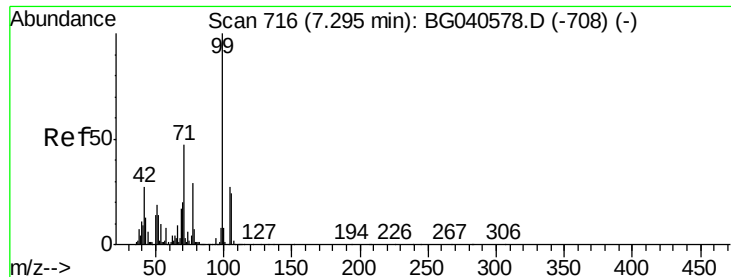
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 19.337 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

Instrument :

BNA_G

ClientSampleId :

EFFL-4

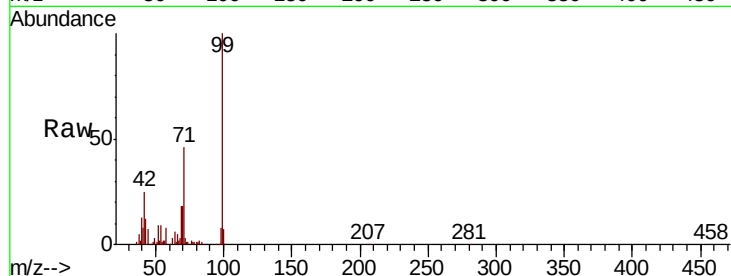
Tot Ion: 99 Resp: 84068

Ion Ratio Lower Upper

99 100

42 25.1 21.8 32.8

71 46.1 38.6 57.8

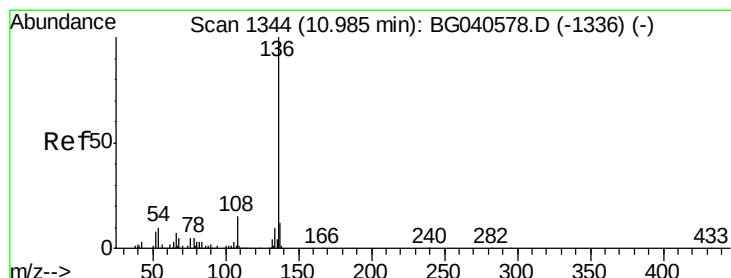
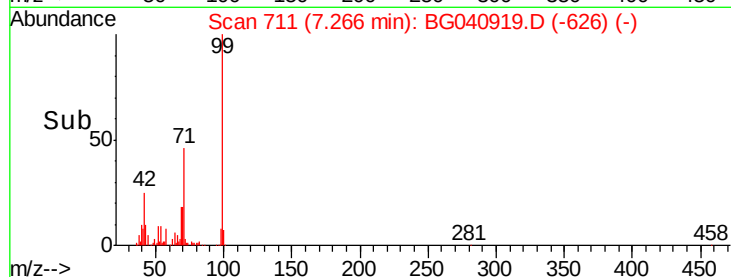
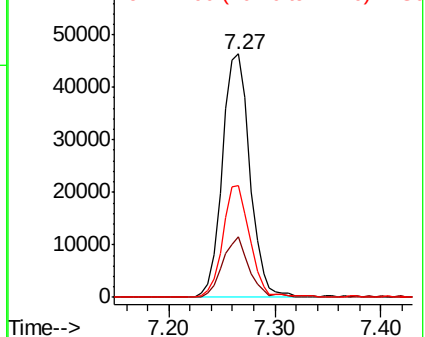


Abundance

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: 10.95 min Scan# 1338

Delta R.T. -0.04 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

Tgt Ion: 136 Resp: 217250

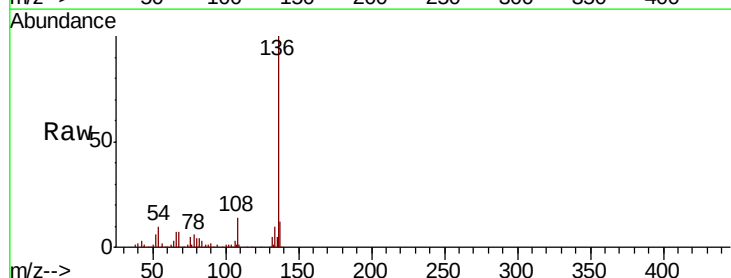
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 10.5 8.6 12.8

68 6.6 4.8 7.2



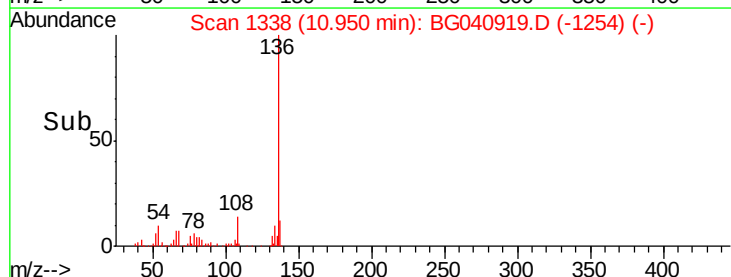
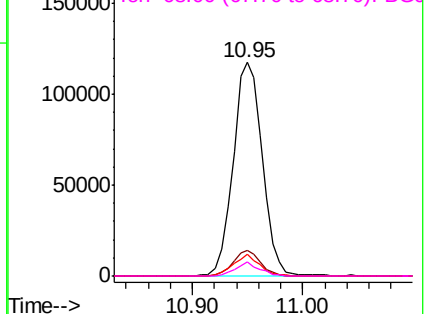
Abundance

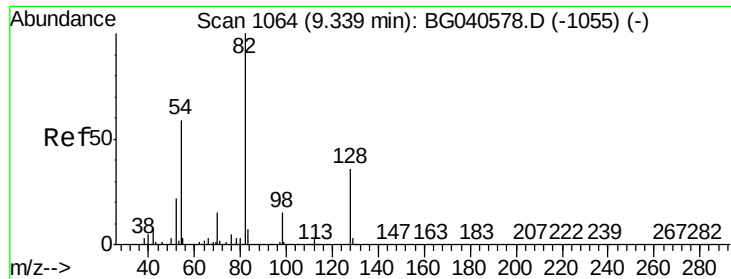
Ion 136.00 (135.70 to 136.70): BGC

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

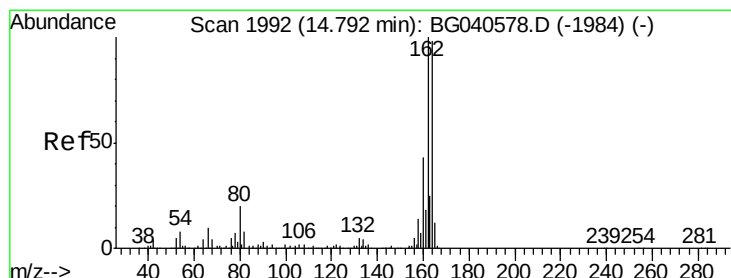
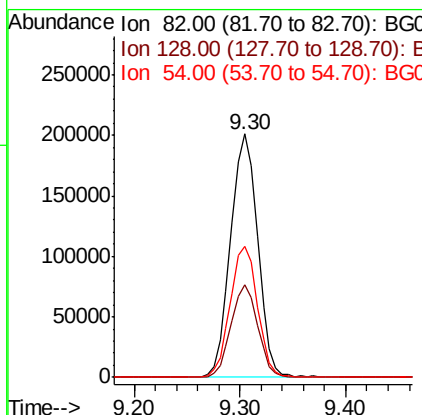
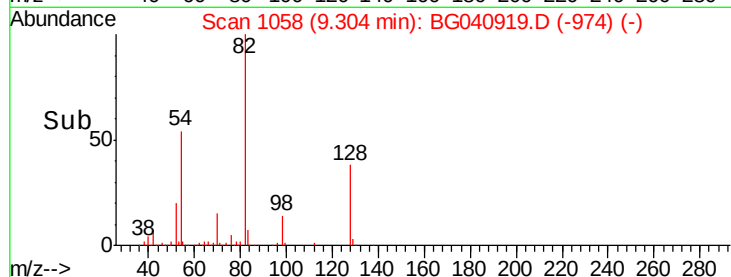
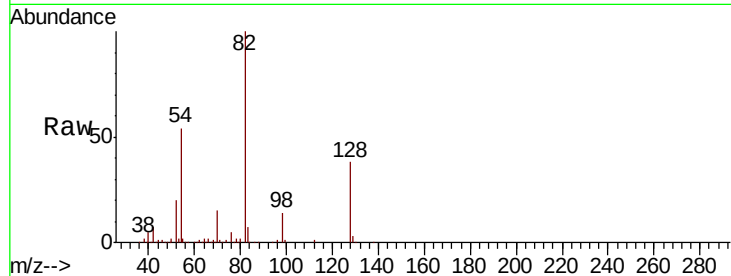




#23
Nitrobenzene-d5
Concen: 75.952 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

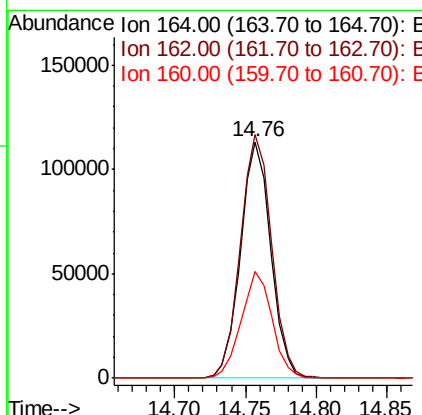
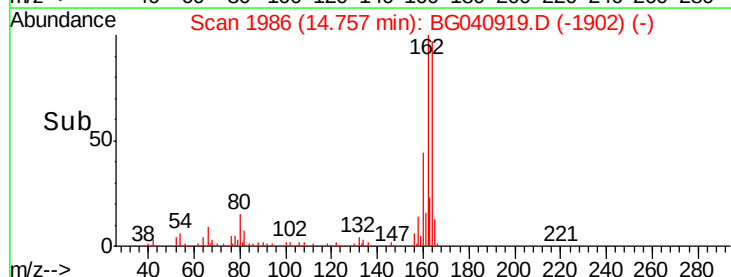
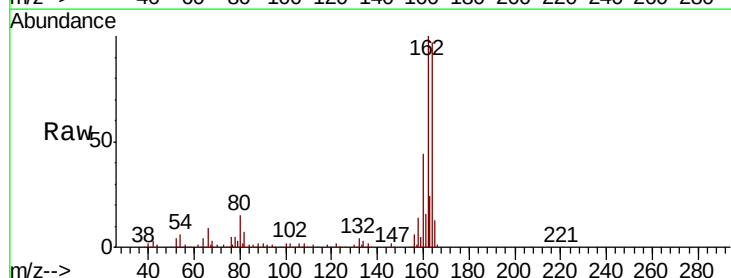
Instrument :
BNA_G
ClientSampleId :
EFFL-4

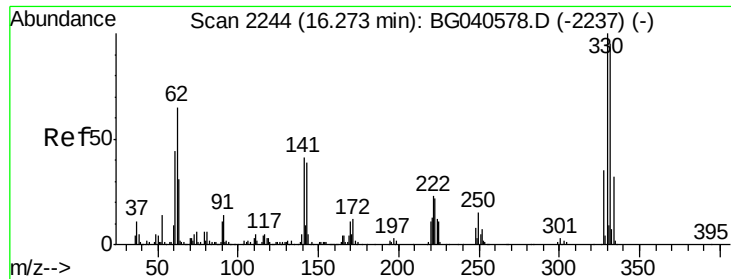
Tot Ion	82.00	Resp	357105
Ion Ratio	Lower	Upper	
82	100		
128	38.0	28.9	43.3
54	54.0	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Tgt Ion	164	Resp	169725
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.9	122.9
160	44.9	35.4	53.2

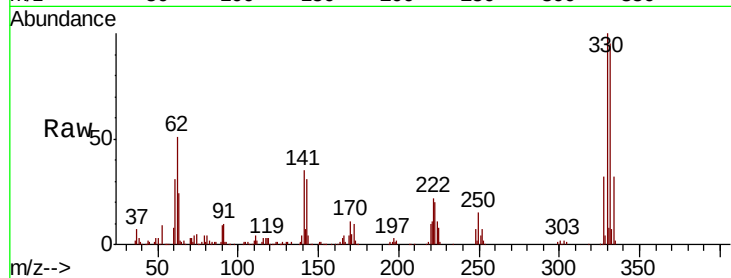




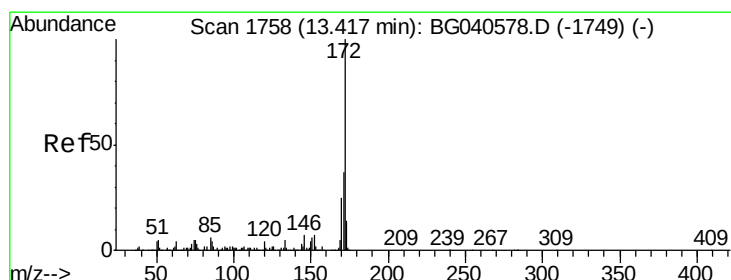
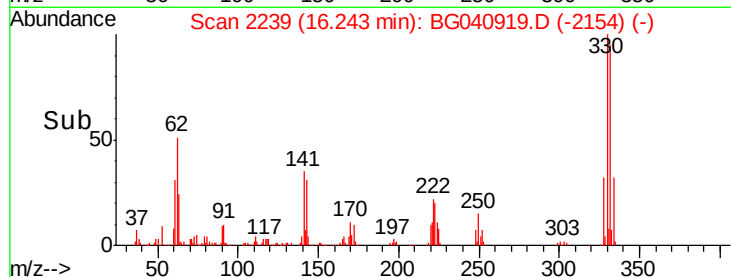
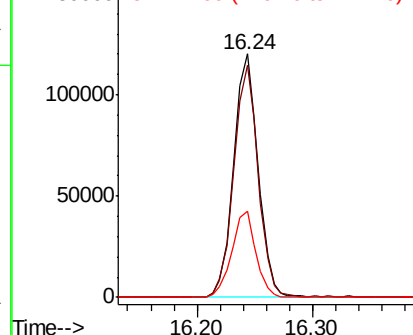
#42
2,4,6-Tribromophenol
Concen: 75.668 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Instrument :
BNA_G
ClientSampleId :
EFFL-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.9	113.9
141	34.6	32.4	48.6

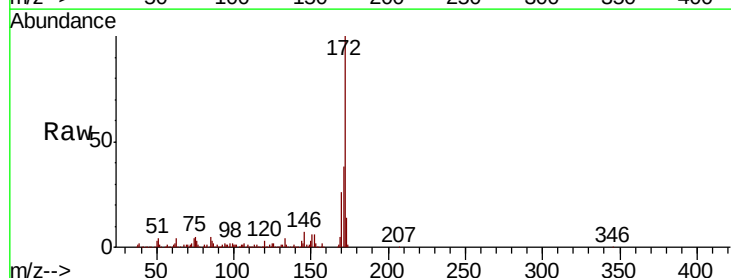


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

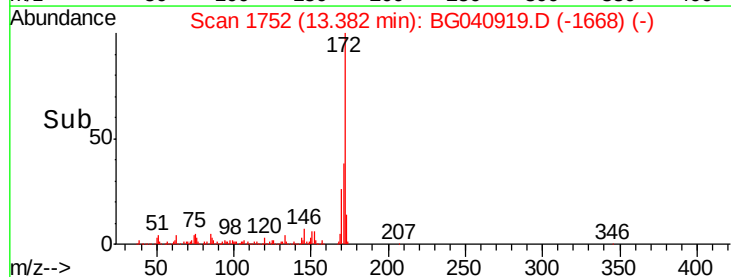
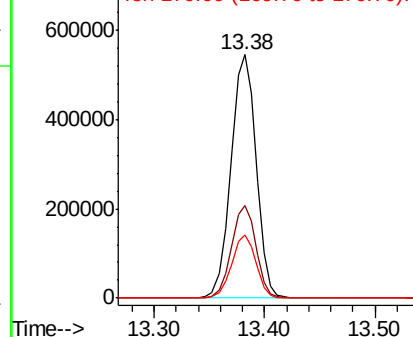


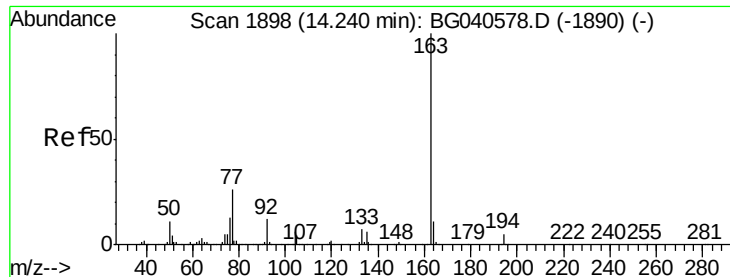
#45
2-Fluorobiphenyl
Concen: 74.028 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.9	19.9	29.9



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: 10.298 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.04 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

Instrument :

BNA_G

ClientSampleId :

EFFL-4

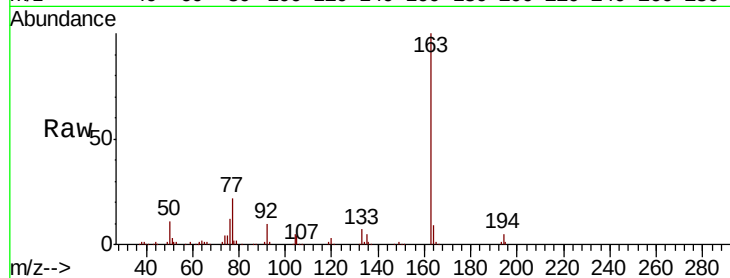
Tot Ion:163 Resp: 146231

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

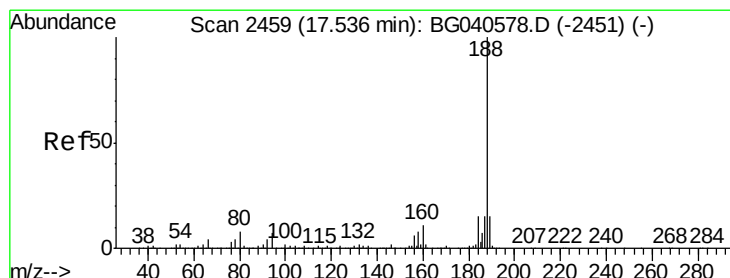
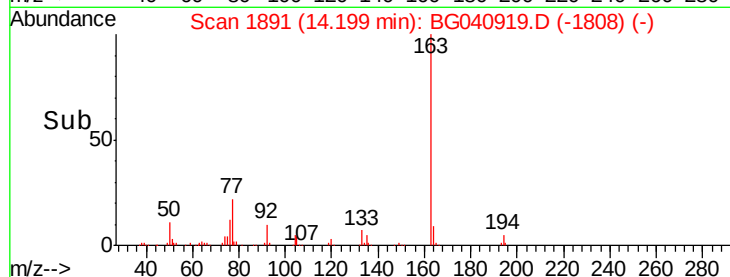
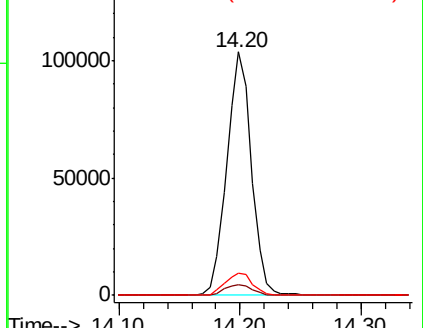
164 9.3 8.8 13.2



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: 17.50 min Scan# 2453

Delta R.T. -0.04 min

Lab File: BG040919.D

Acq: 13 May 2019 20:03

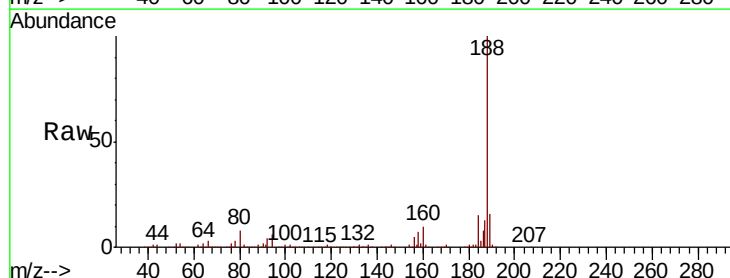
Tgt Ion:188 Resp: 438855

Ion Ratio Lower Upper

188 100

94 5.6 5.6 8.4#

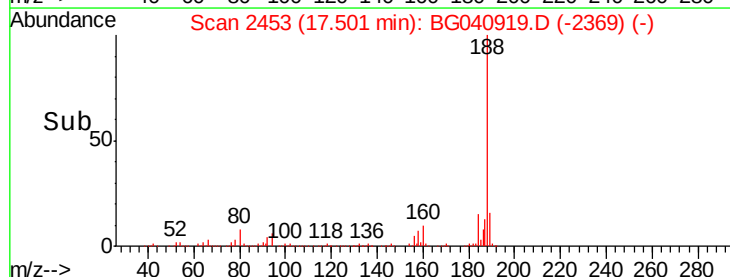
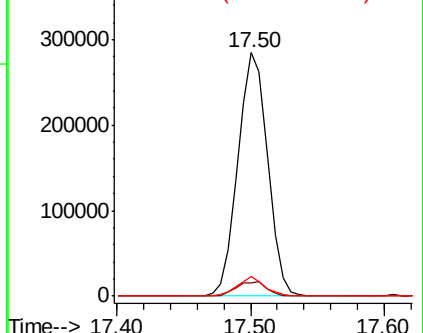
80 8.0 6.4 9.6

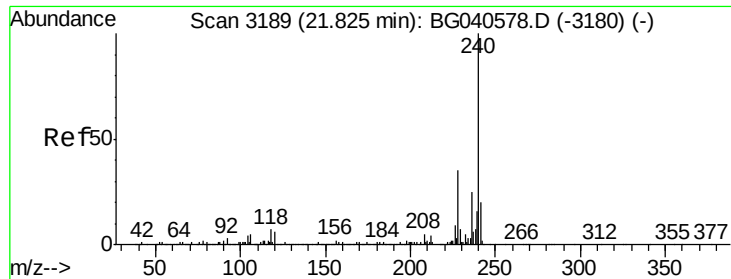


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

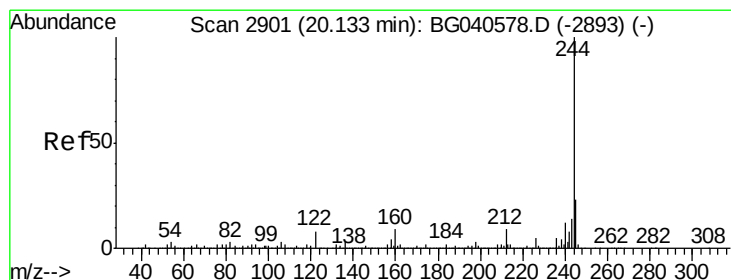
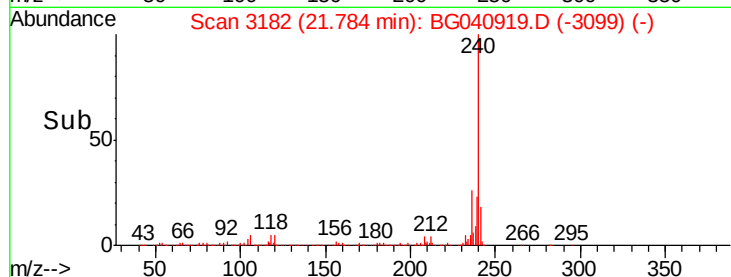
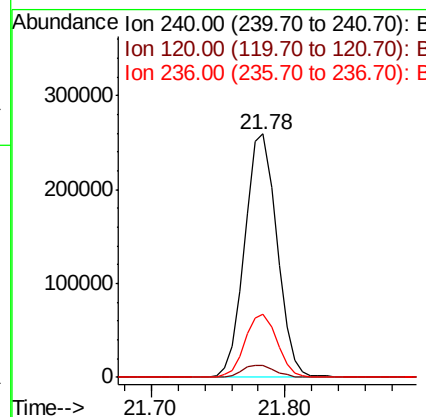
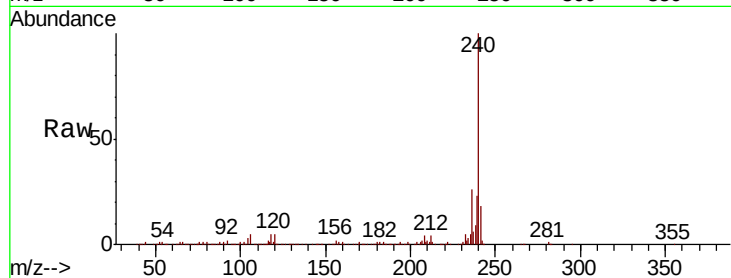




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

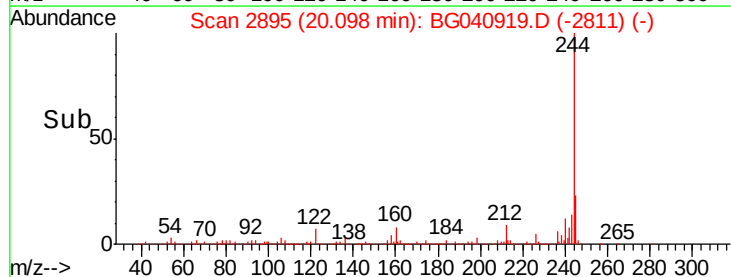
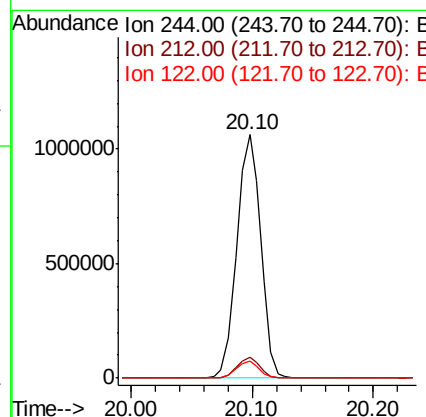
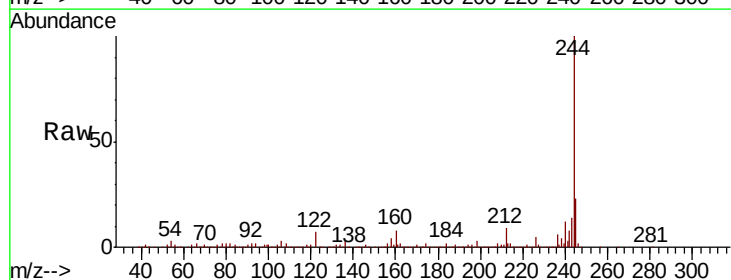
Instrument :
BNA_G
ClientSampleId :
EFFL-4

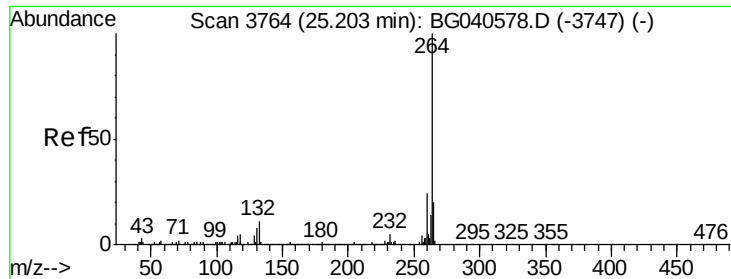
Tot Ion:240 Resp: 434184
Ion Ratio Lower Upper
240 100
120 4.7 5.0 7.6#
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 74.597 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.04 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Tgt Ion:244 Resp: 1461973
Ion Ratio Lower Upper
244 100
212 8.6 7.2 10.8
122 7.1 6.6 10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3751
Delta R.T. -0.08 min
Lab File: BG040919.D
Acq: 13 May 2019 20:03

Instrument :
BNA_G
ClientSampleId :
EFFL-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	23.1	16.6	25.0

