

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
 Data File : BG040931.D
 Acq On : 14 May 2019 4:16
 Operator : HP/JU
 Sample : K2818-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 050919-ESLT-F-U-B

Quant Time: May 14 07:06:21 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

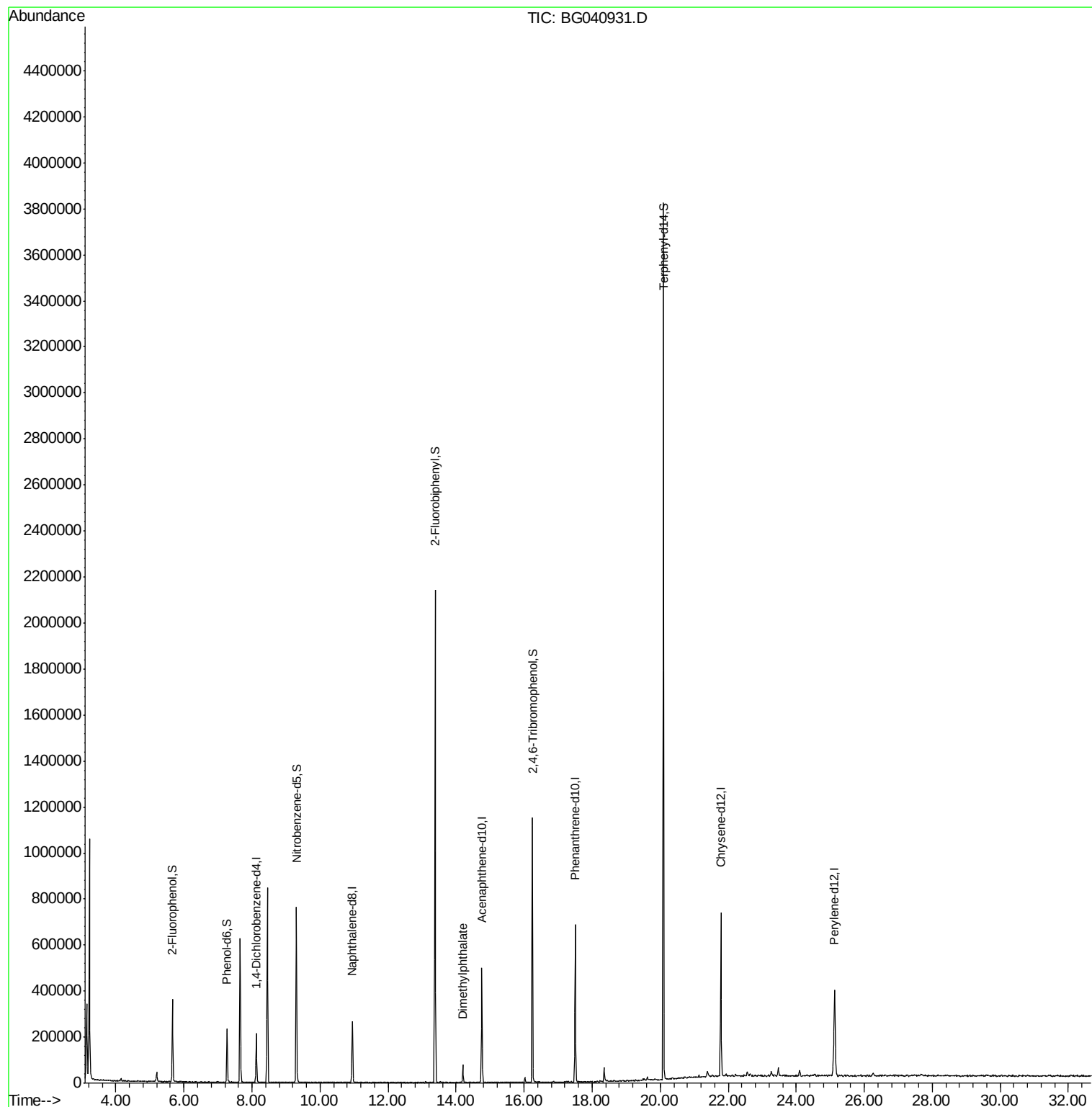
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	55435	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	217109	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	171329	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	425981	20.00	ng	-0.03
76) Chrysene-d12	21.78	240	419485	20.00	ng	-0.04
87) Perylene-d12	25.13	264	449051	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	136550	43.42	ng	-0.02
7) Phenol-d6	7.27	99	122321	25.26	ng	-0.03
23) Nitrobenzene-d5	9.30	82	457008	97.26	ng	-0.03
42) 2,4,6-Tribromophenol	16.24	330	225492	95.75	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	1060620	89.40	ng	-0.03
79) Terphenyl-d14	20.10	244	1735841	91.67	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.20	163	49097	3.425	ng	Qvalue # 95

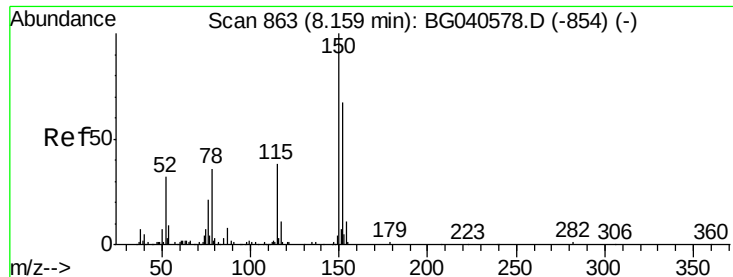
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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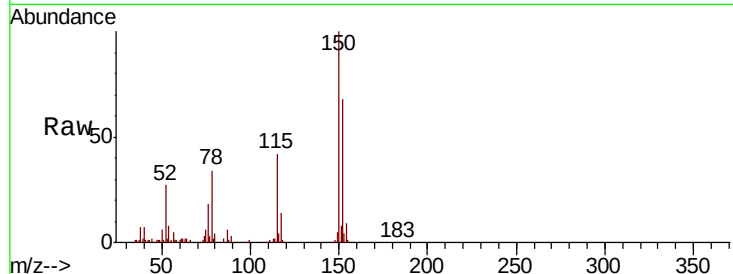


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040931.D
Acq: 14 May 2019 4:16

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	120.2	180.2
115	62.7	46.2	69.2

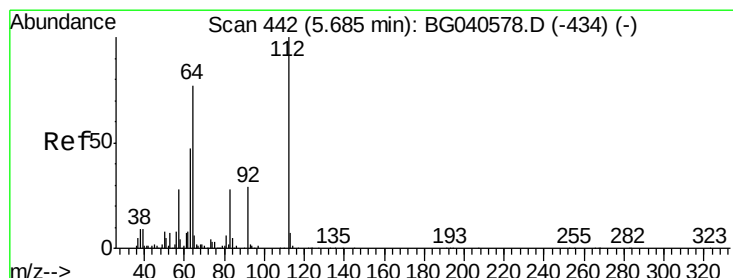
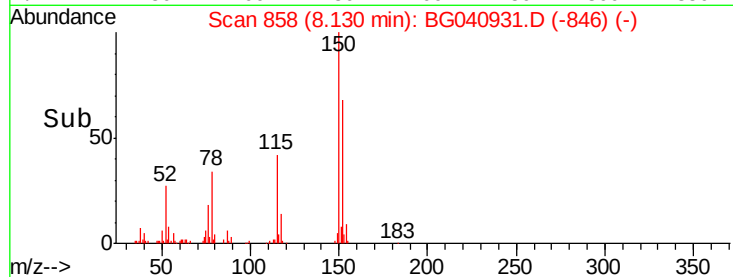
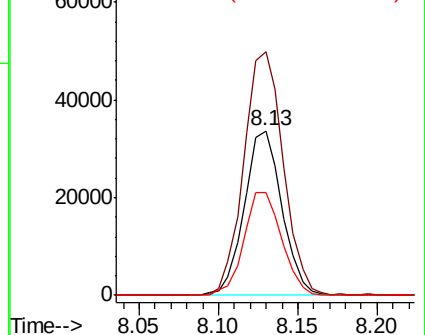


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

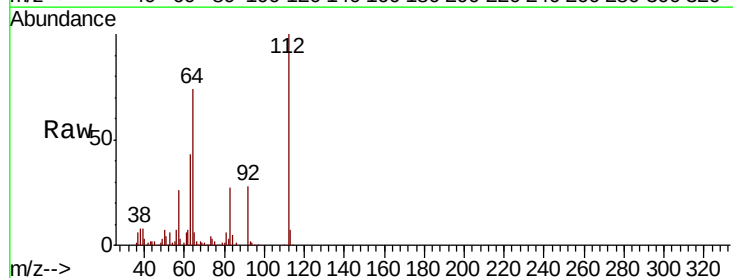
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.421 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040931.D
Acq: 14 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	61.4	92.0
63	43.4	37.8	56.6

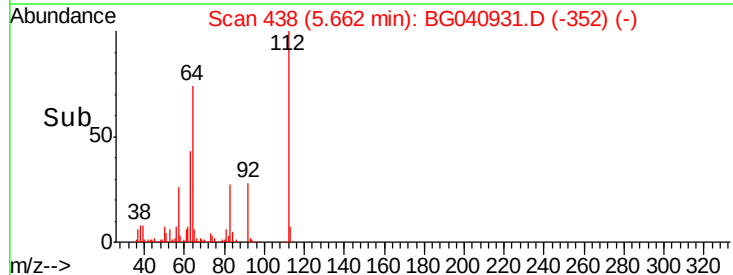
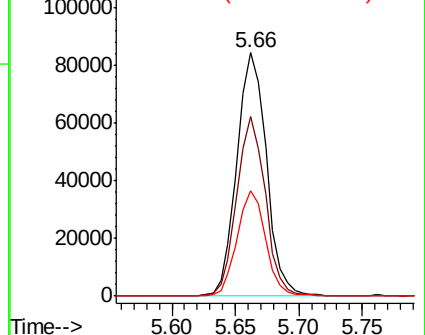


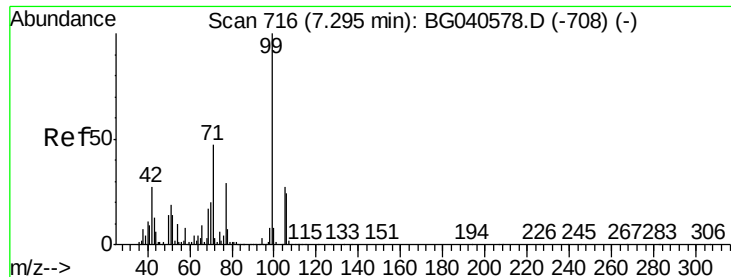
Abundance

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: 25.262 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.03 min

Lab File: BG040931.D

Acq: 14 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

050919-ESLT-F-U-B

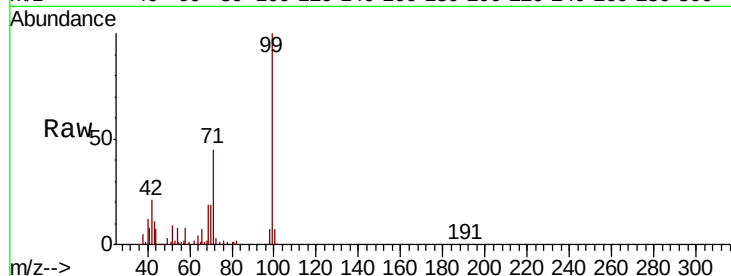
Tot Ion: 99 Resp: 122321

Ion Ratio Lower Upper

99 100

42 21.4 21.8 32.8#

71 45.0 38.6 57.8

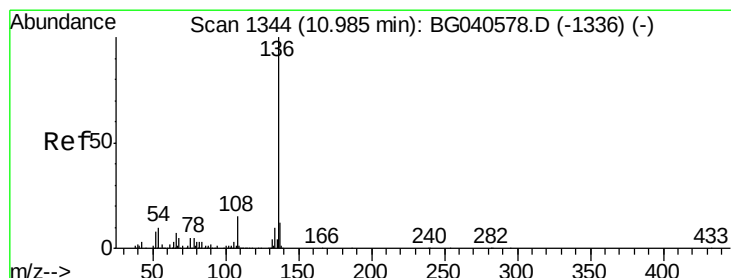
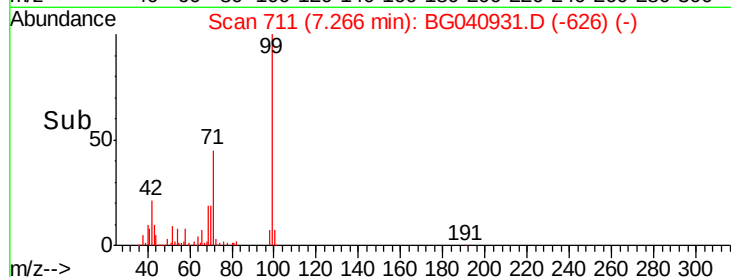
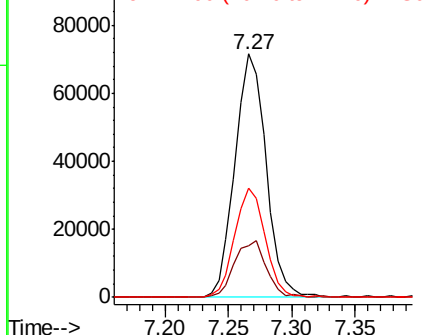


Abundance

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. -0.03 min

Lab File: BG040931.D

Acq: 14 May 2019 4:16

Tgt Ion: 136 Resp: 217109

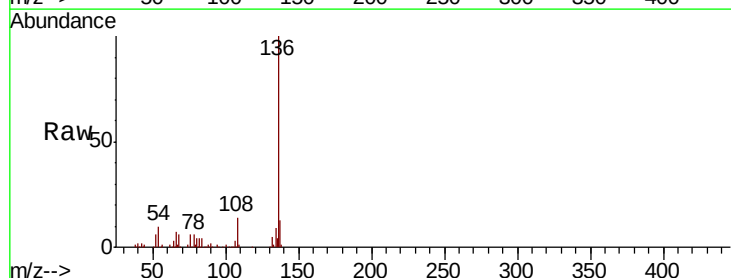
Ion Ratio Lower Upper

136 100

137 12.8 9.7 14.5

54 9.6 8.6 12.8

68 5.6 4.8 7.2



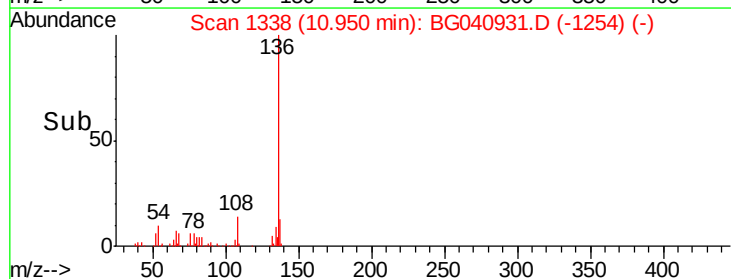
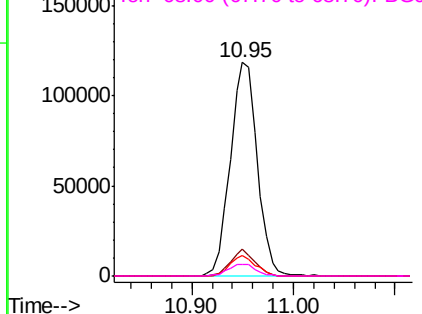
Abundance

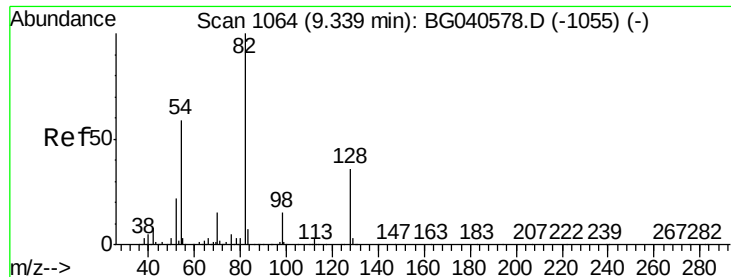
Ion 136.00 (135.70 to 136.70): BGC

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: 97.263 ng

RT: 9.30 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BG040931.D

Acq: 14 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

050919-ESLT-F-U-B

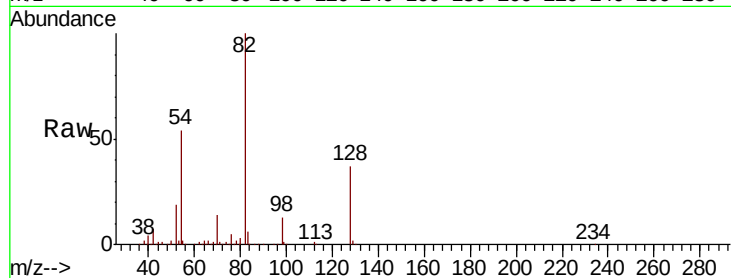
Tot Ion: 82 Resp: 457008

Ion Ratio Lower Upper

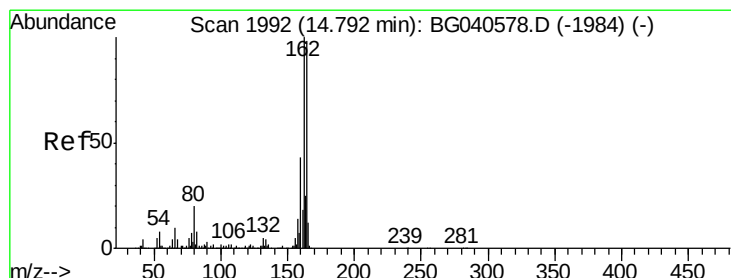
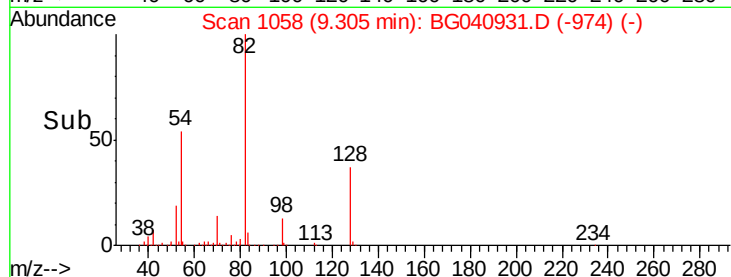
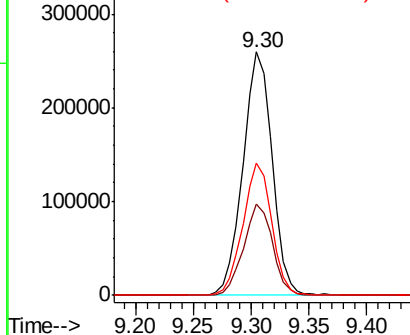
82 100

128 37.5 28.9 43.3

54 54.1 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.03 min

Lab File: BG040931.D

Acq: 14 May 2019 4:16

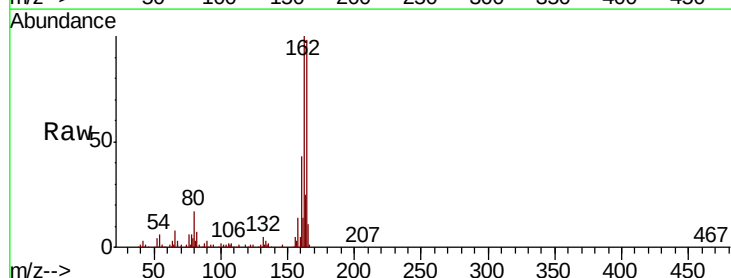
Tgt Ion: 164 Resp: 171329

Ion Ratio Lower Upper

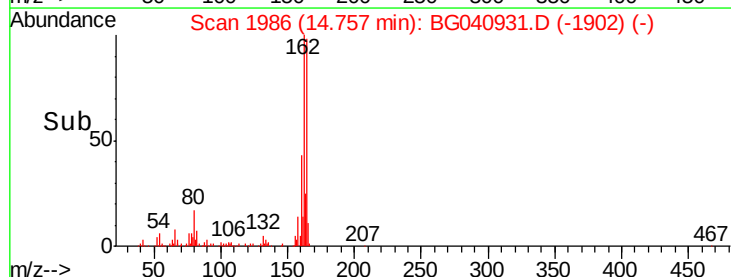
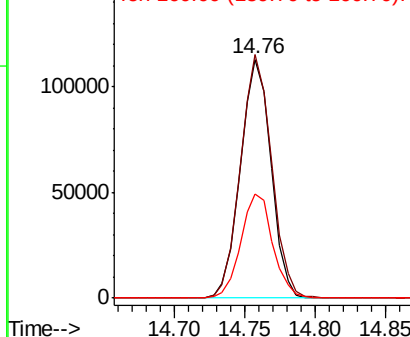
164 100

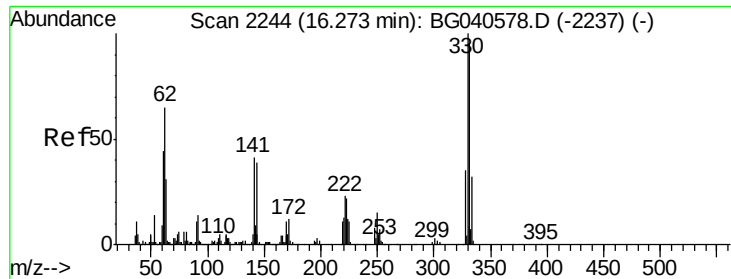
162 102.1 81.9 122.9

160 43.7 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

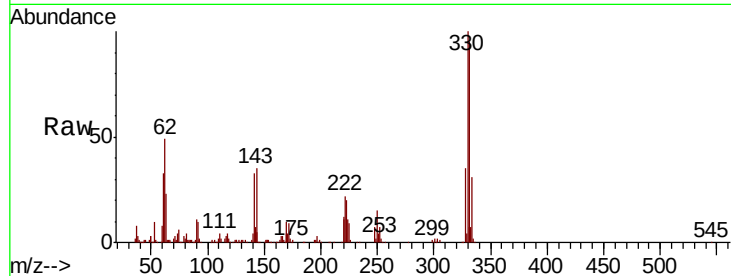




#42
 2,4,6-Tribromophenol
 Concen: 95.752 ng
 RT: 16.24 min Scan# 2239
 Delta R.T. -0.03 min
 Lab File: BG040931.D
 Acq: 14 May 2019 4:16

Instrument :
 BNA_G
 ClientSampleId :
 050919-ESLT-F-U-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	34.9	32.4	48.6

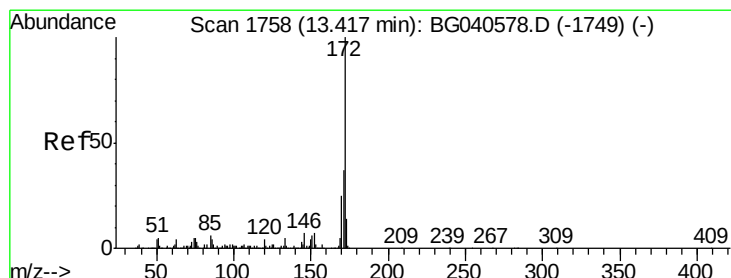
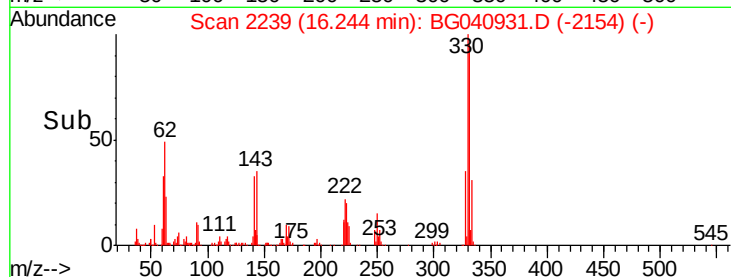
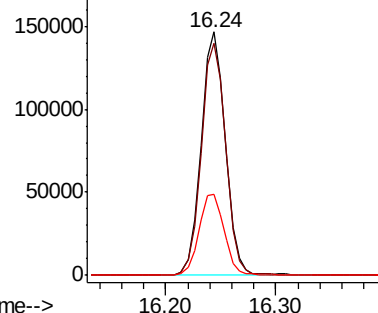


Abundance

Ion 329.80 (329.50 to 330.50): E

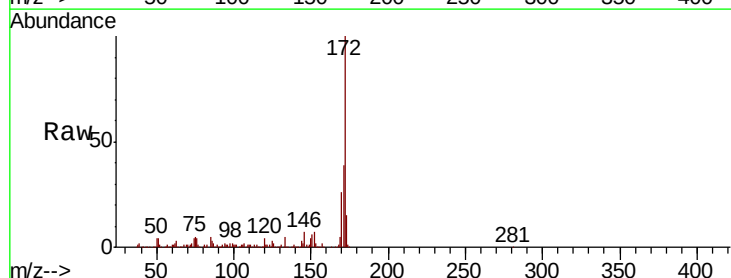
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.404 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040931.D
 Acq: 14 May 2019 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.4	44.2
170	25.7	19.9	29.9

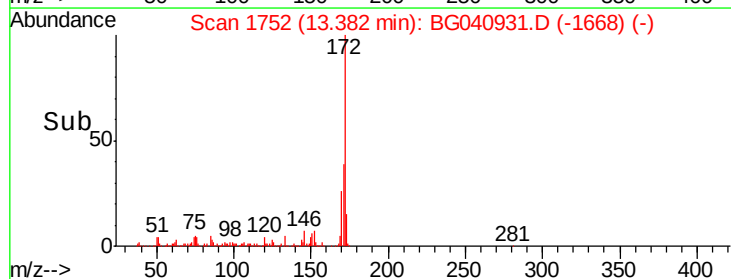
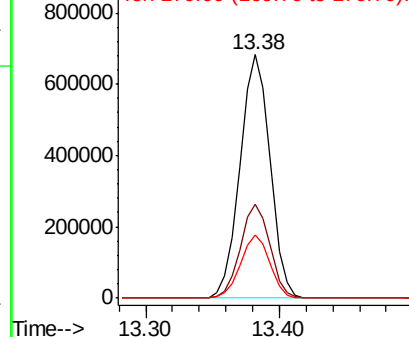


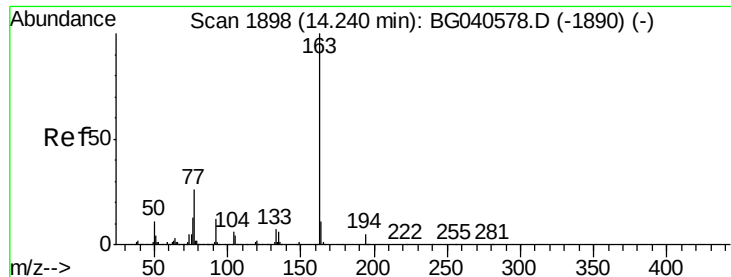
Abundance

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: 3.425 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.04 min

Lab File: BG040931.D

Acq: 14 May 2019 4:16

Instrument :

BNA_G

ClientSampleId :

050919-ESLT-F-U-B

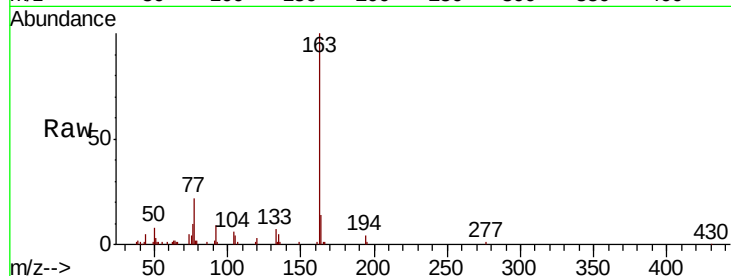
Tot Ion:163 Resp: 49097

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.8

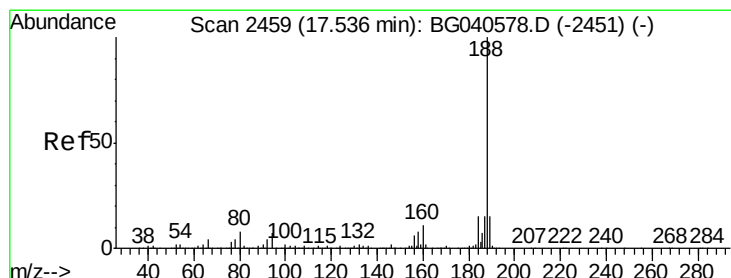
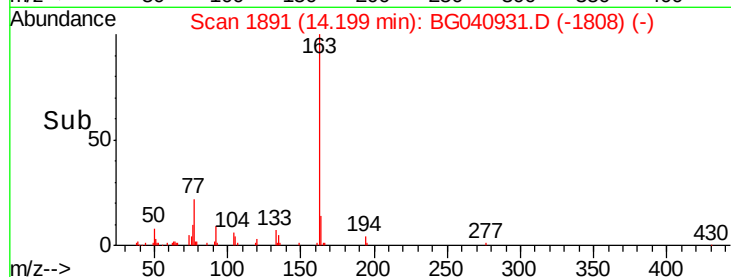
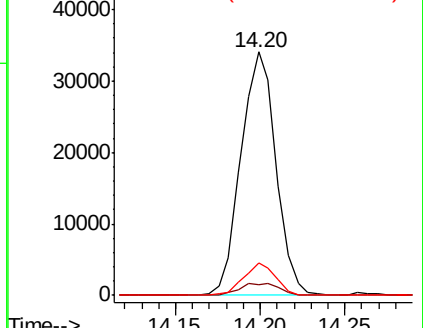
164 13.6 8.8 13.2#



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. -0.03 min

Lab File: BG040931.D

Acq: 14 May 2019 4:16

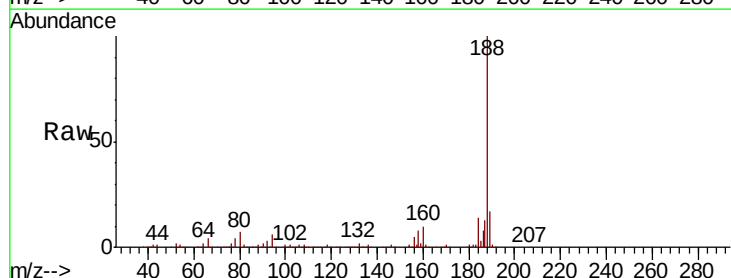
Tgt Ion:188 Resp: 425981

Ion Ratio Lower Upper

188 100

94 6.0 5.6 8.4

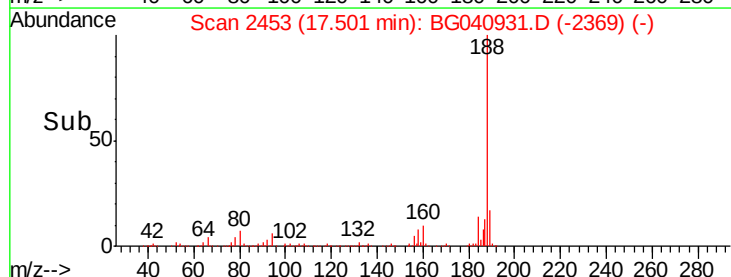
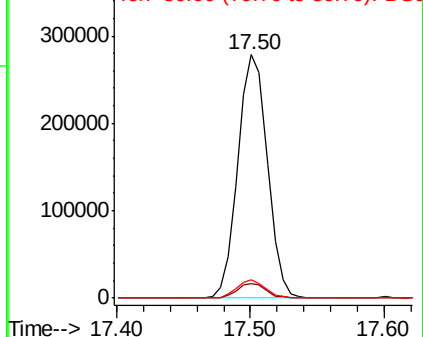
80 7.4 6.4 9.6

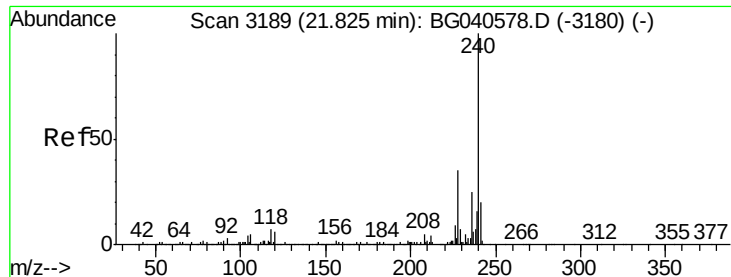


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

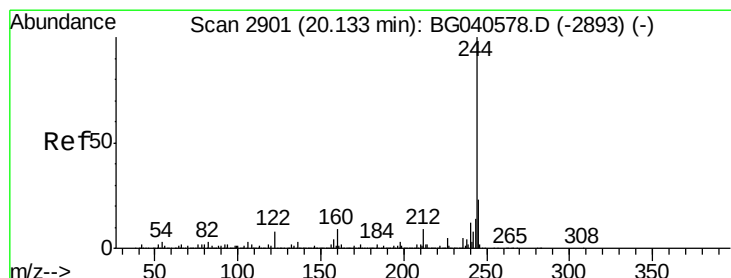
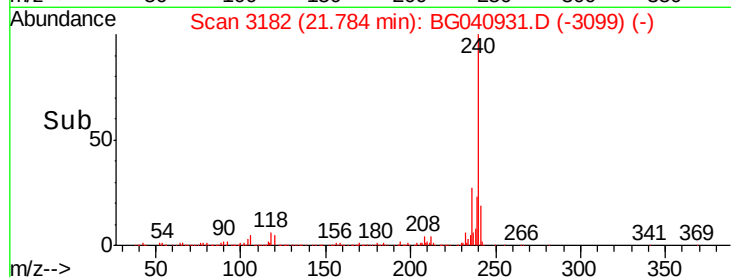
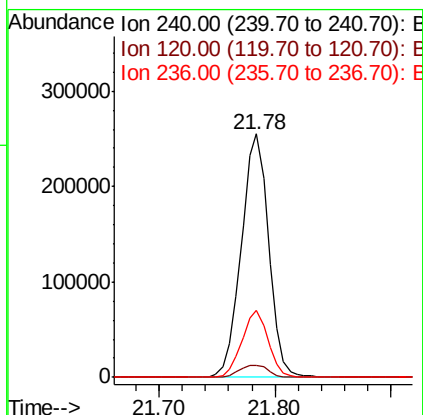
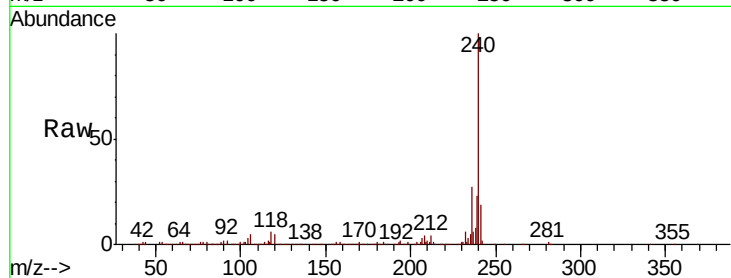




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040931.D
Acq: 14 May 2019 4:16

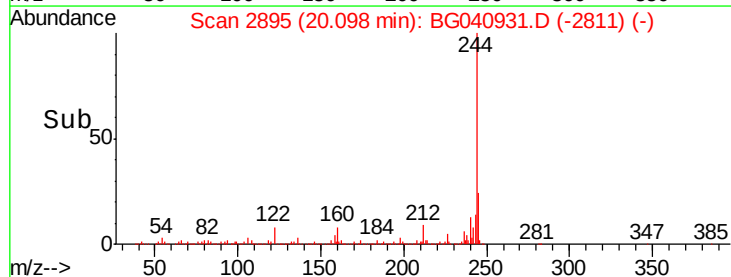
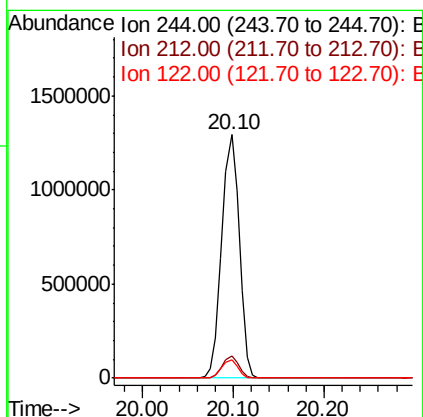
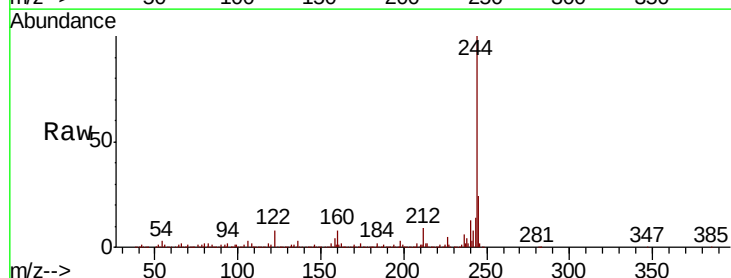
Instrument :
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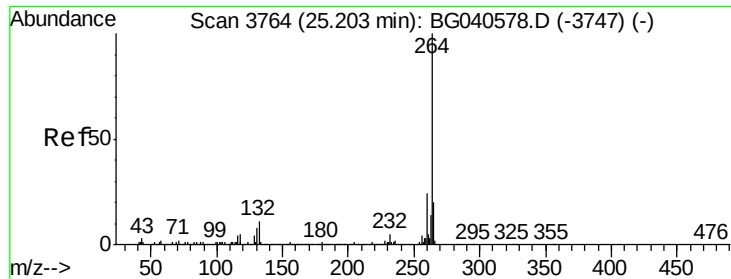
Tot Ion:240 Resp: 419485
Ion Ratio Lower Upper
240 100
120 5.1 5.0 7.6
236 27.3 20.3 30.5



#79
Terphenyl-d14
Concen: 91.675 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG040931.D
Acq: 14 May 2019 4:16

Tgt Ion:244 Resp: 1735841
Ion Ratio Lower Upper
244 100
212 9.3 7.2 10.8
122 7.6 6.6 10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040931.D
Acq: 14 May 2019 4:16

Instrument :
BNA_G
ClientSampleId :
050919-ESLT-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.2	28.8
265	19.5	16.6	25.0

