

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040844.D
 Acq On : 10 May 2019 10:17
 Operator : HP/JU
 Sample : K2764-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS010-0206-01

Quant Time: May 10 15:23:53 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

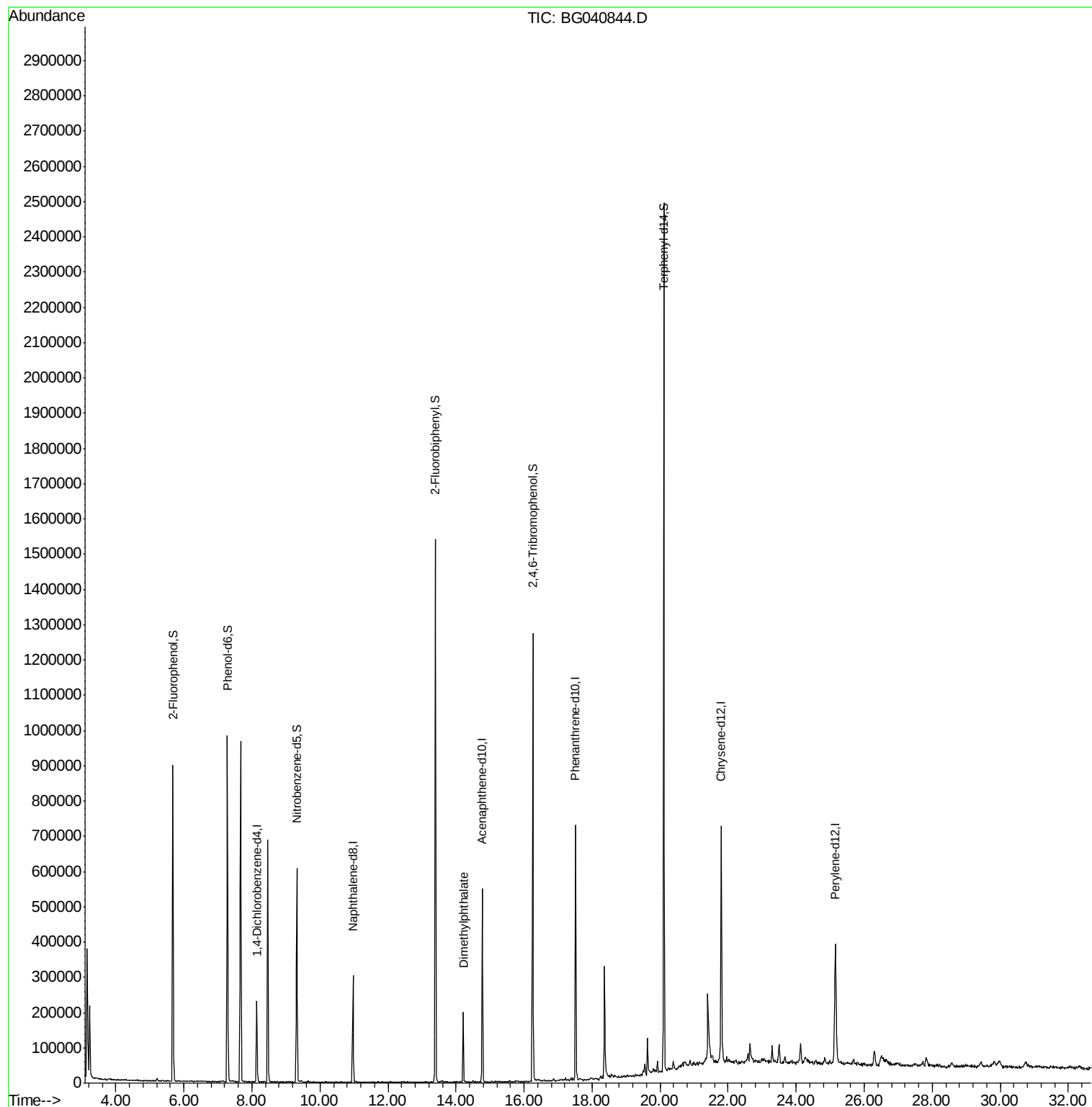
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	58996	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	242326	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	181582	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	420041	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	407003	20.00	ng	-0.03
87) Perylene-d12	25.15	264	418442	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	334426	99.92	ng	-0.01
7) Phenol-d6	7.28	99	514188	99.78	ng	-0.01
23) Nitrobenzene-d5	9.32	82	365170	69.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	242784	97.27	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	765648	60.90	ng	-0.02
79) Terphenyl-d14	20.11	244	1173571	63.88	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	121362	7.988	ng	Qvalue 96

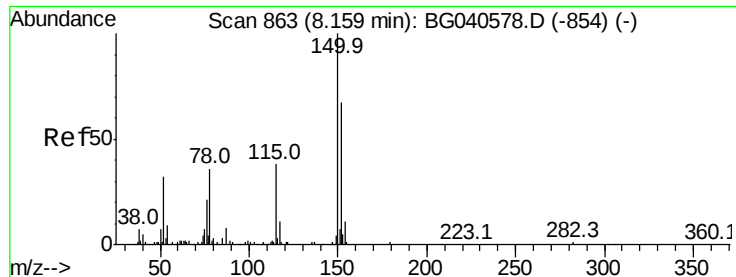
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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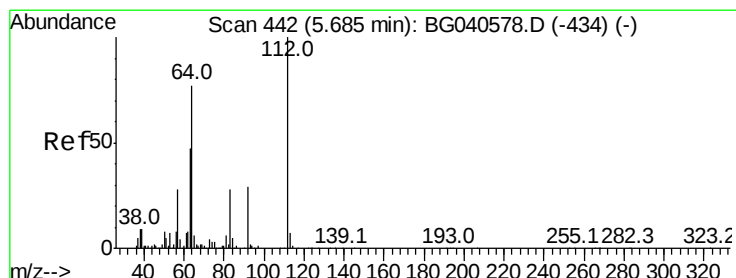
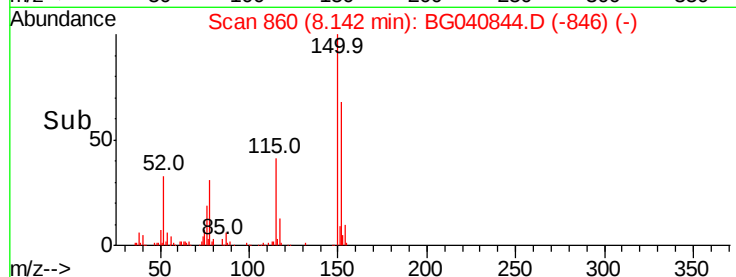
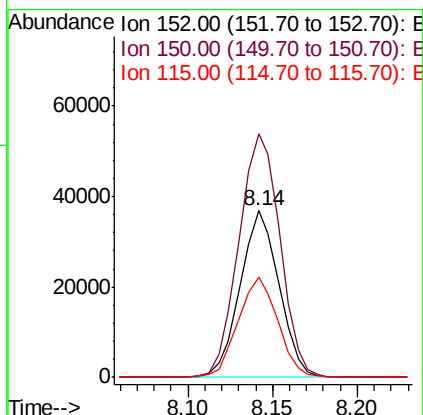
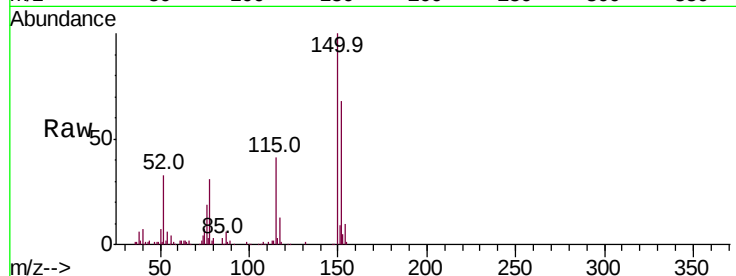


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Instrument :
BNA_G
ClientSampleId :
P021-SS010-0206-01

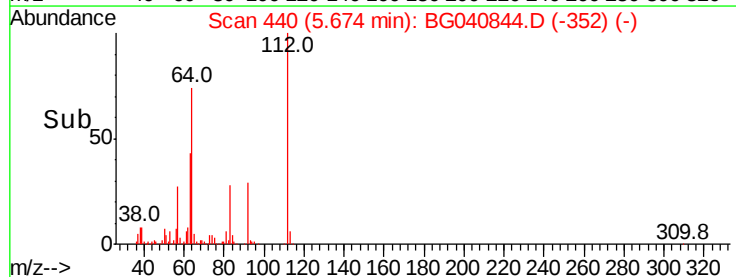
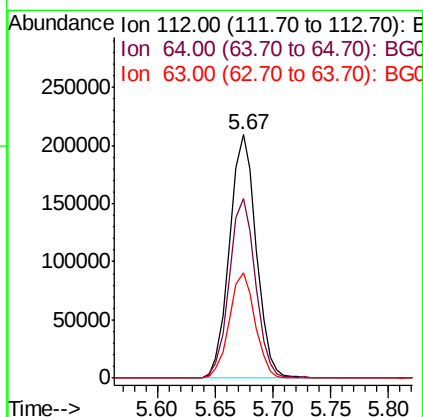
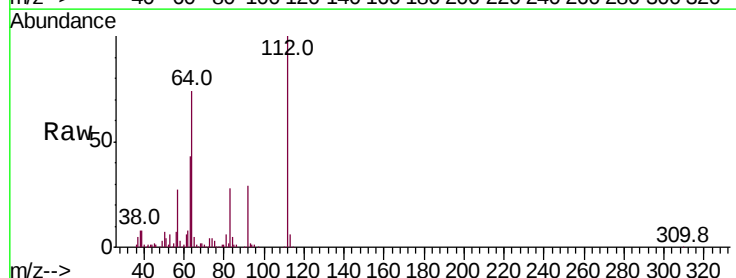
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	120.2	180.2
115	60.7	46.2	69.2

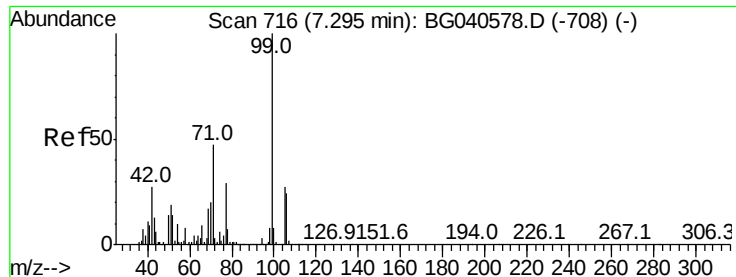


#5

2-Fluorophenol
Concen: 99.924 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040844.D
Acq: 10 May 2019 10:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	61.4	92.0
63	43.1	37.8	56.6





#7

Phenol-d6

Concen: 99.782 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040844.D

Acq: 10 May 2019 10:17

Instrument :

BNA_G

ClientSampleId :

P021-SS010-0206-01

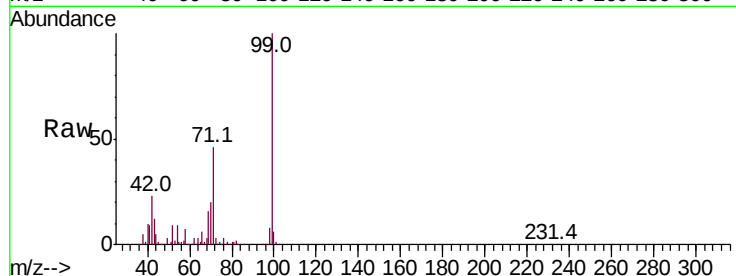
Tot Ion: 99 Resp: 514188

Ion Ratio Lower Upper

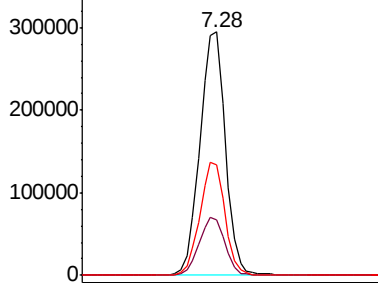
99 100

42 22.7 21.8 32.8

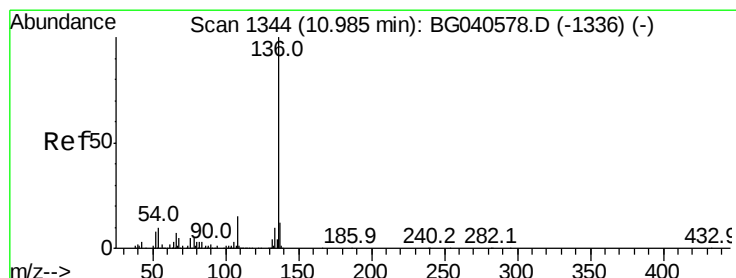
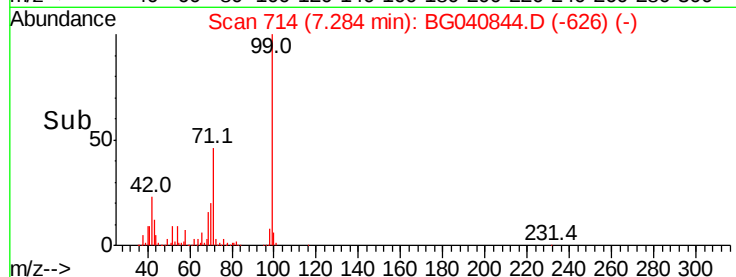
71 45.6 38.6 57.8



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040844.D

Acq: 10 May 2019 10:17

Tgt Ion: 136 Resp: 242326

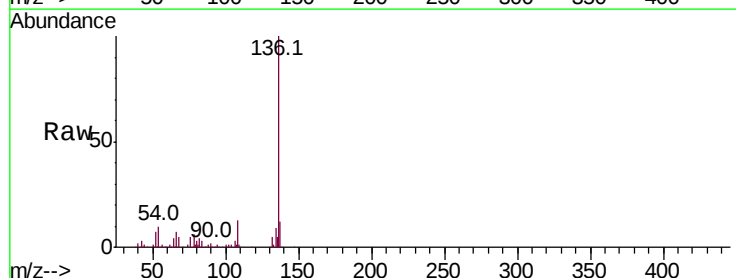
Ion Ratio Lower Upper

136 100

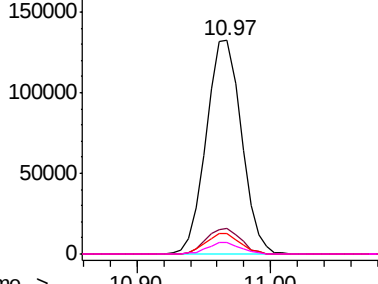
137 12.2 9.7 14.5

54 9.5 8.6 12.8

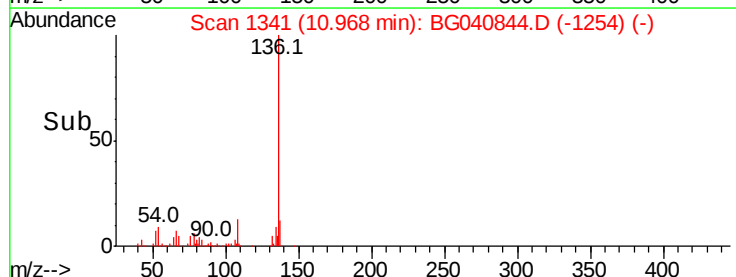
68 5.4 4.8 7.2

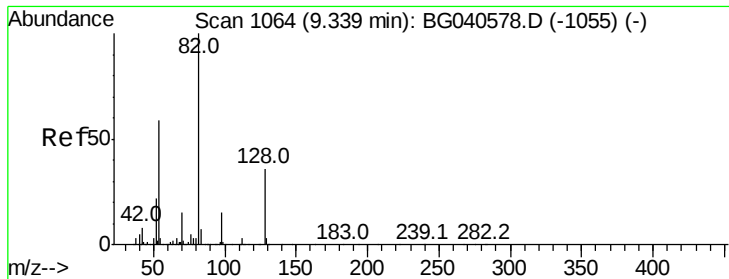


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->





#23

Nitrobenzene-d5

Concen: 69.630 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BG040844.D

Acq: 10 May 2019 10:17

Instrument :

BNA_G

ClientSampleId :

P021-SS010-0206-01

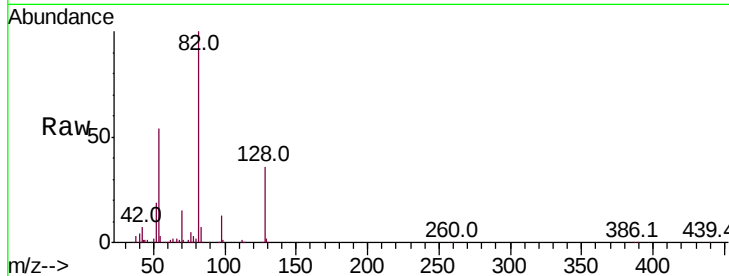
Tot Ion: 82 Resp: 365170

Ion Ratio Lower Upper

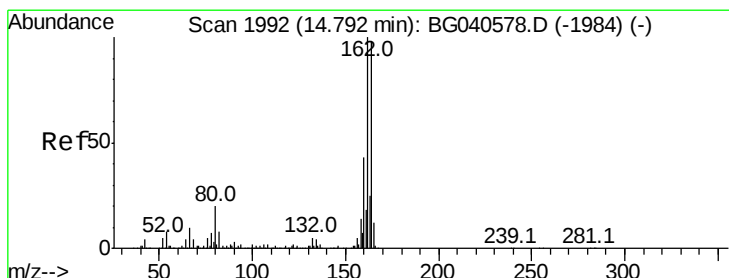
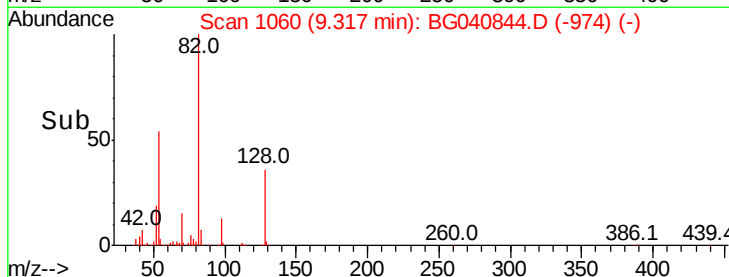
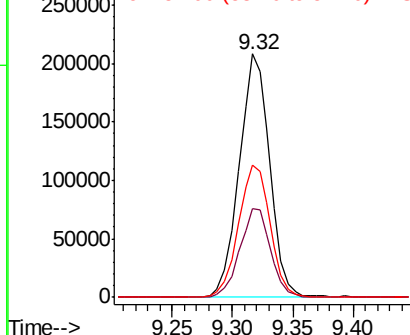
82 100

128 36.3 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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040844.D

Acq: 10 May 2019 10:17

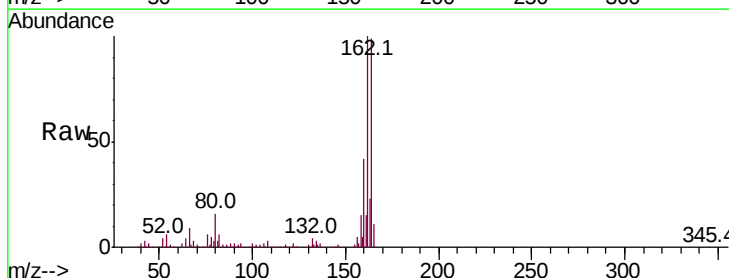
Tgt Ion:164 Resp: 181582

Ion Ratio Lower Upper

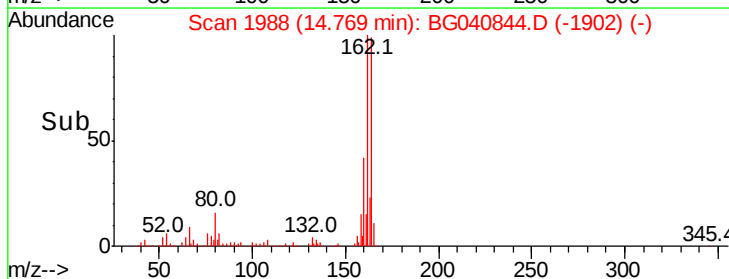
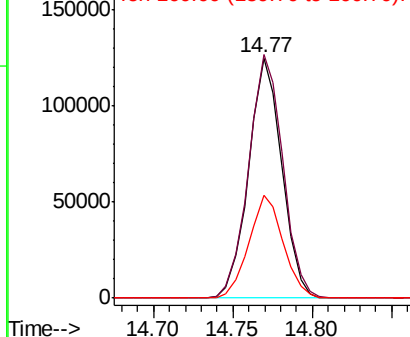
164 100

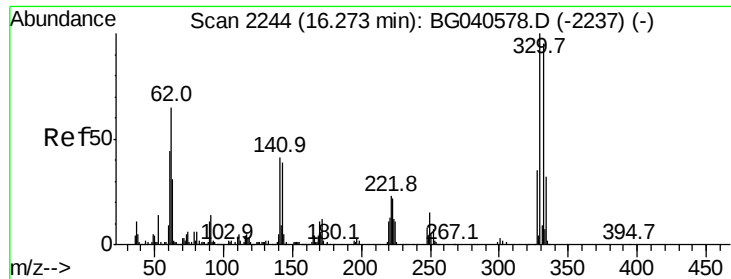
162 101.3 81.9 122.9

160 42.6 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

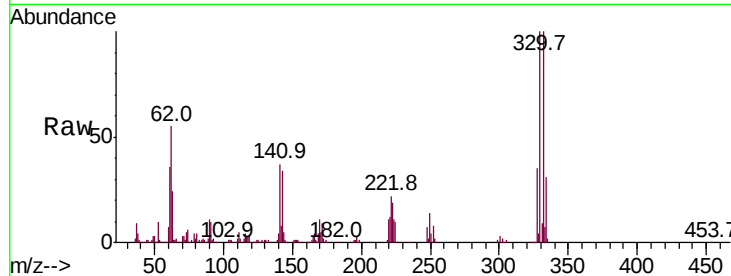




#42
 2,4,6-Tribromophenol
 Concen: 97.274 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040844.D
 Acq: 10 May 2019 10:17

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS010-0206-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	37.0	32.4	48.6

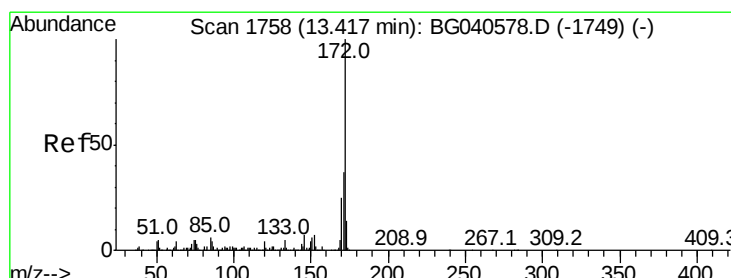
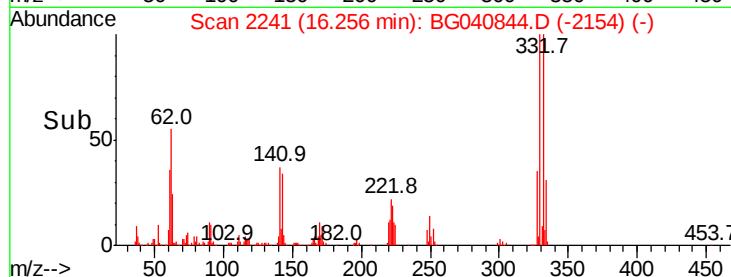
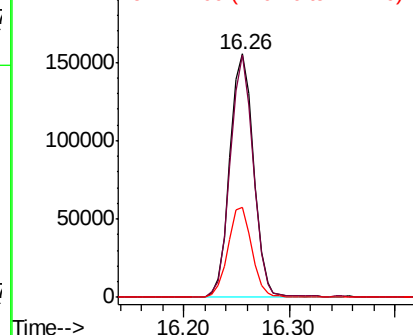


Abundance

Ion 329.80 (329.50 to 330.50): E

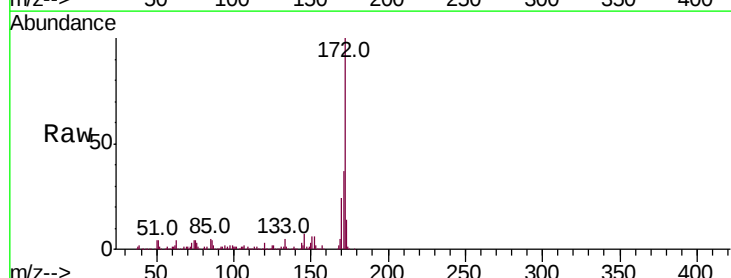
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.895 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040844.D
 Acq: 10 May 2019 10:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.2
170	24.1	19.9	29.9

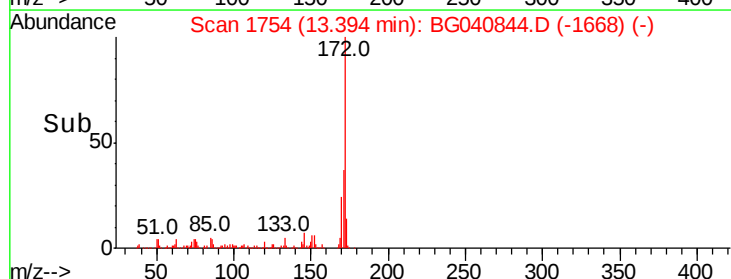
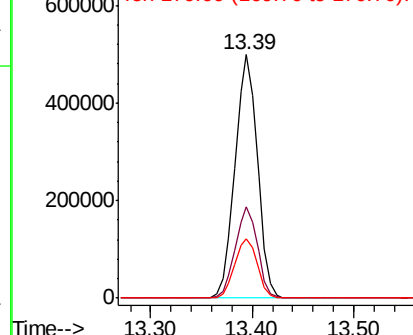


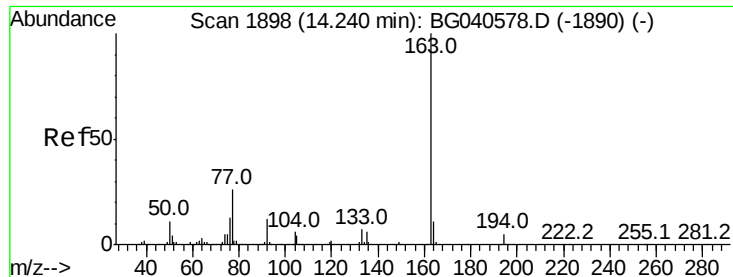
Abundance

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: 7.988 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040844.D

Acq: 10 May 2019 10:17

Instrument :

BNA_G

ClientSampleId :

P021-SS010-0206-01

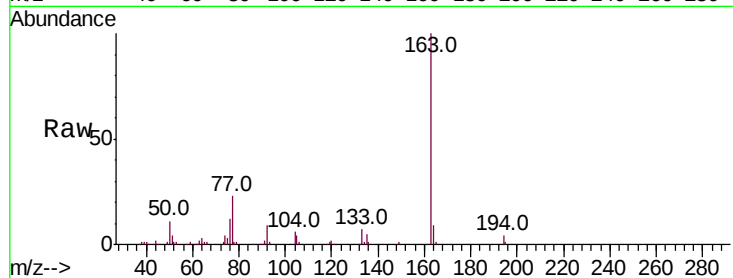
Tot Ion:163 Resp: 121362

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.8

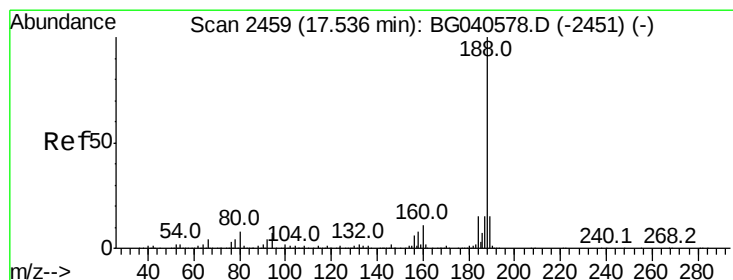
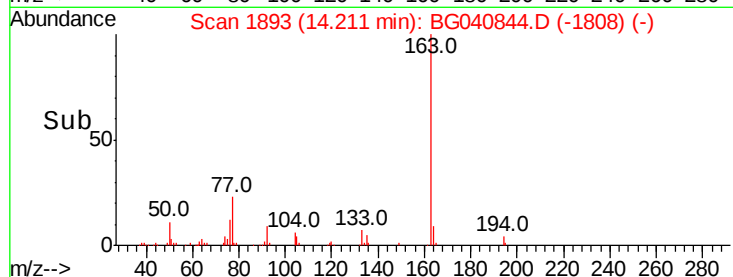
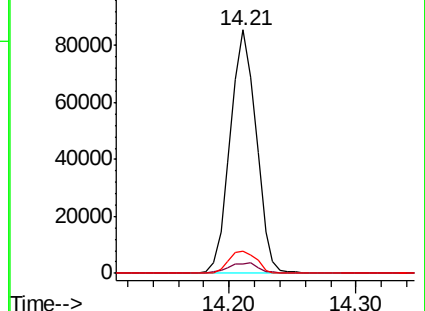
164 9.1 8.8 13.2



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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040844.D

Acq: 10 May 2019 10:17

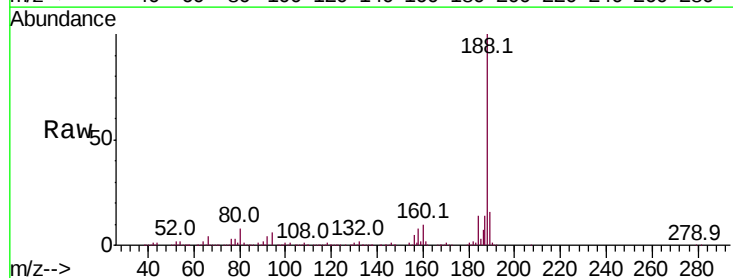
Tgt Ion:188 Resp: 420041

Ion Ratio Lower Upper

188 100

94 5.5 5.6 8.4#

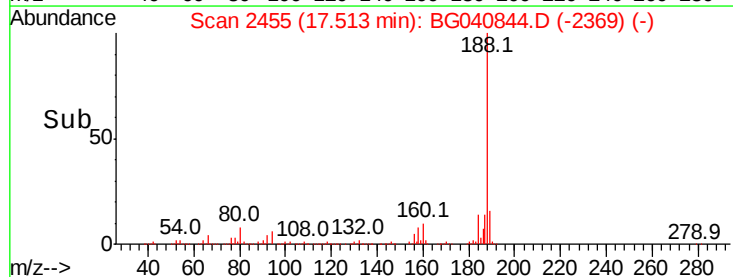
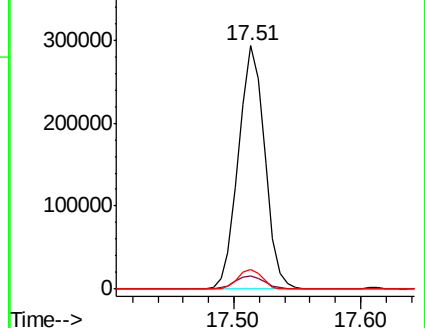
80 7.9 6.4 9.6

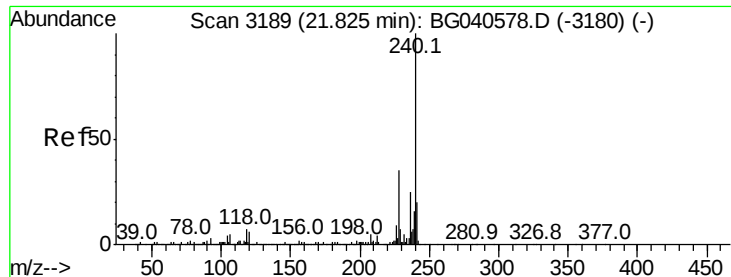


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040844.D

Acq: 10 May 2019 10:17

Instrument :

BNA_G

ClientSampleId :

P021-SS010-0206-01

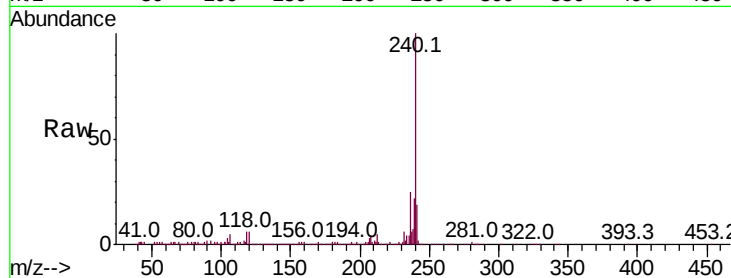
Tot Ion:240 Resp: 407003

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.6

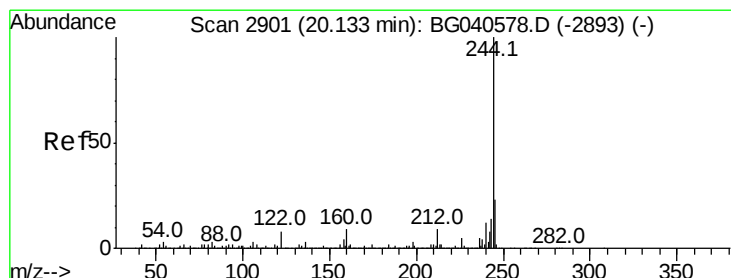
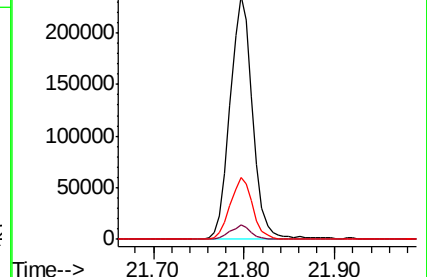
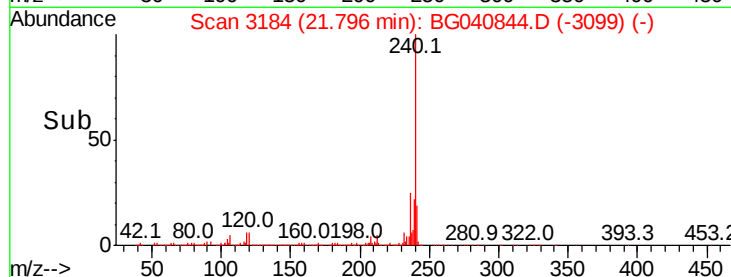
236 25.3 20.3 30.5



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: 63.880 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040844.D

Acq: 10 May 2019 10:17

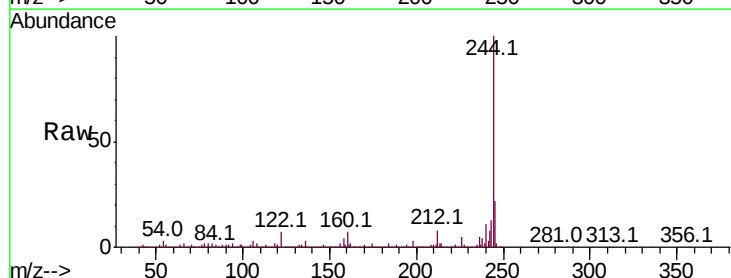
Tgt Ion:244 Resp: 1173571

Ion Ratio Lower Upper

244 100

212 8.1 7.2 10.8

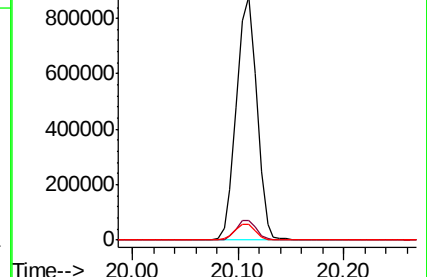
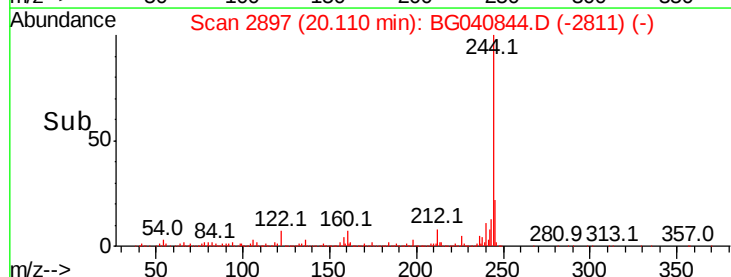
122 6.6 6.6 10.0#

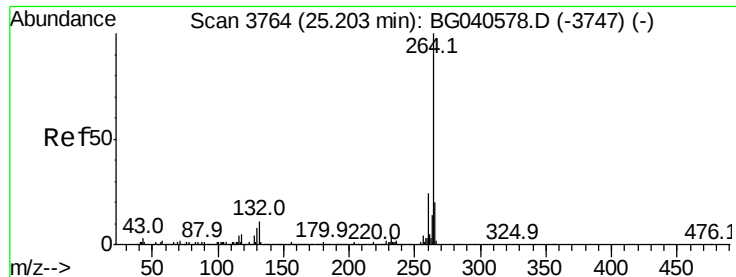


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

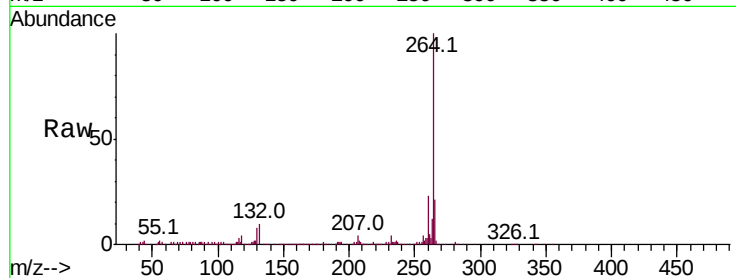




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3755
 Delta R.T. -0.05 min
 Lab File: BG040844.D
 Acq: 10 May 2019 10:17

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS010-0206-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	16.6	25.0



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

