

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040834.D
 Acq On : 10 May 2019 2:43
 Operator : HP/JU
 Sample : K2764-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS010-0612-01

Quant Time: May 10 07:03:32 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

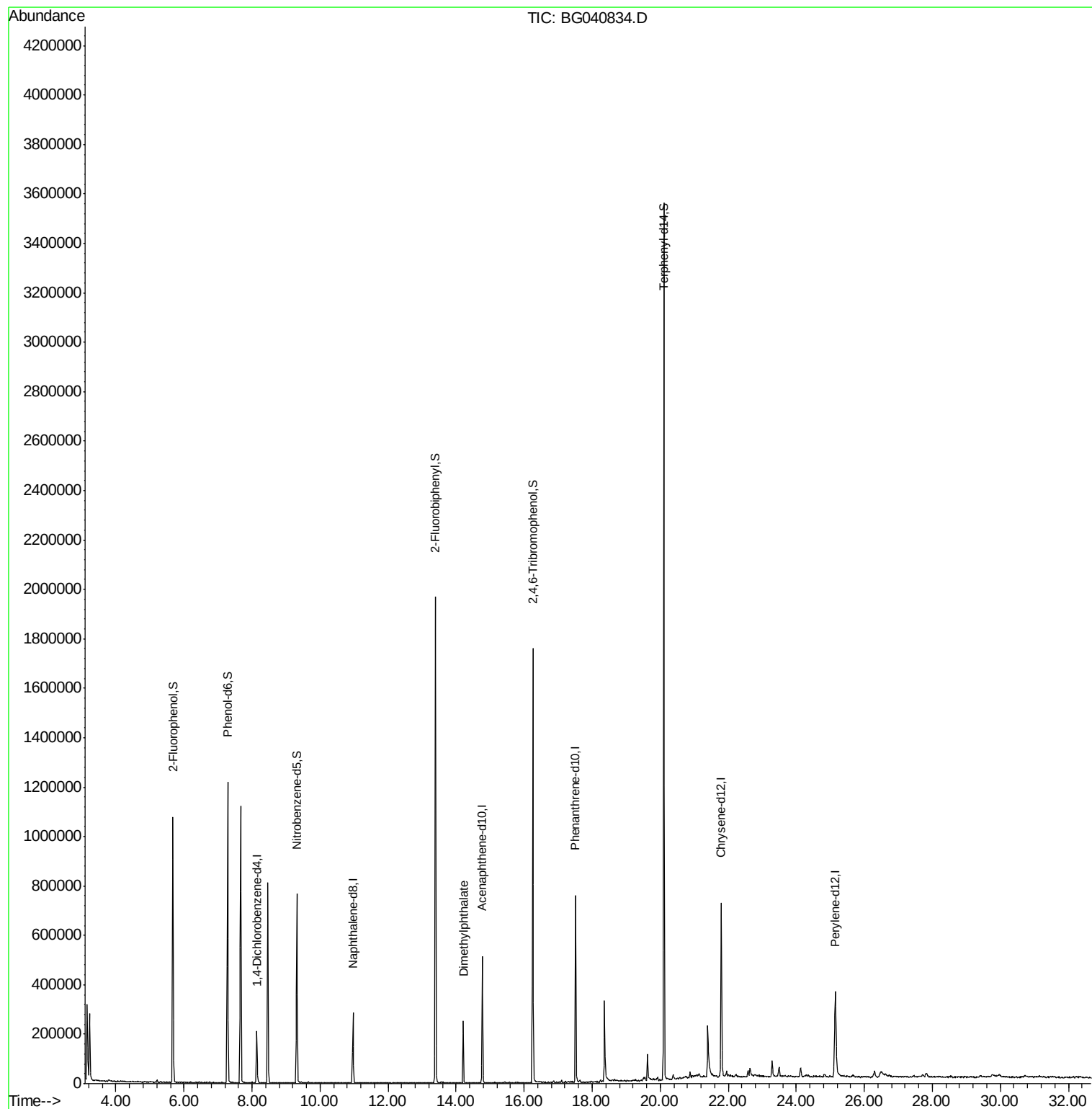
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55291	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	224060	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	173014	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	454185	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	432730	20.00	ng	-0.03
87) Perylene-d12	25.15	264	438619	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	396297	126.35	ng	-0.01
7) Phenol-d6	7.28	99	628700	130.18	ng	-0.01
23) Nitrobenzene-d5	9.32	82	460989	95.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	311564	131.01	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	948539	79.18	ng	-0.02
79) Terphenyl-d14	20.11	244	1602959	82.07	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.21	163	157906	10.908	ng	98

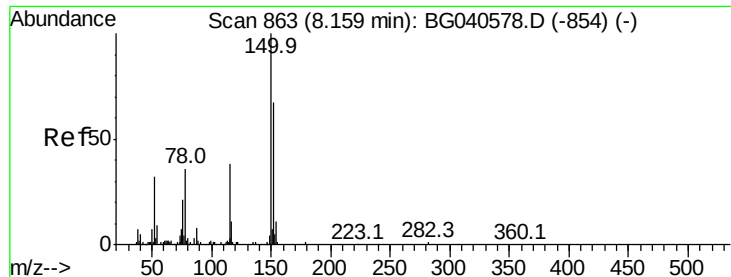
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

Instrument :

BNA_G

ClientSampleId :

P021-SS010-0612-01

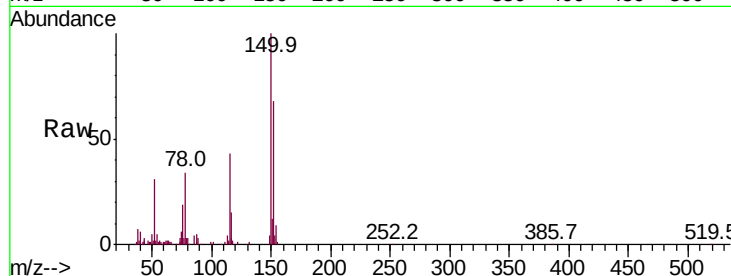
Tot Ion:152 Resp: 55291

Ion Ratio Lower Upper

152 100

150 146.2 120.2 180.2

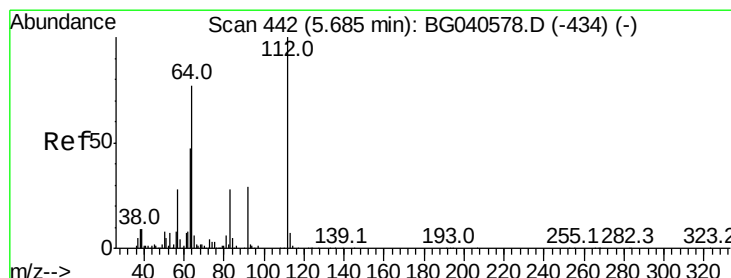
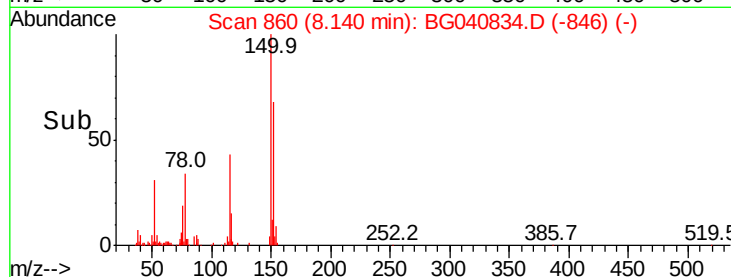
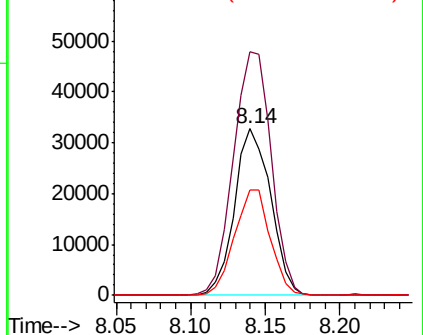
115 63.3 46.2 69.2



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: 126.346 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

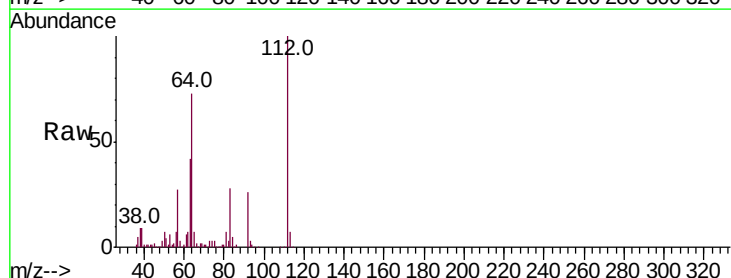
Tgt Ion:112 Resp: 396297

Ion Ratio Lower Upper

112 100

64 73.0 61.4 92.0

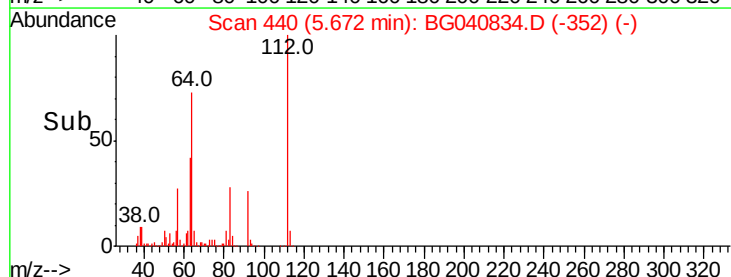
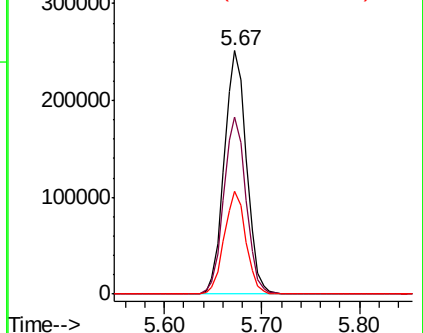
63 42.1 37.8 56.6

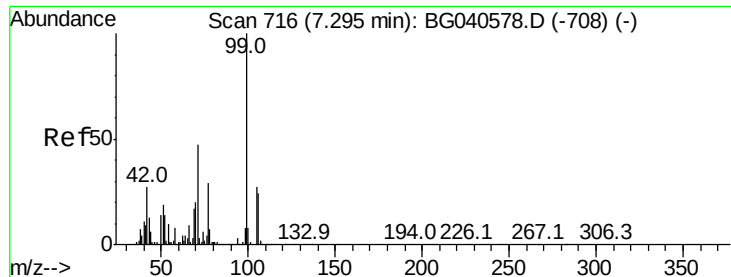


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 130.179 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

Instrument :

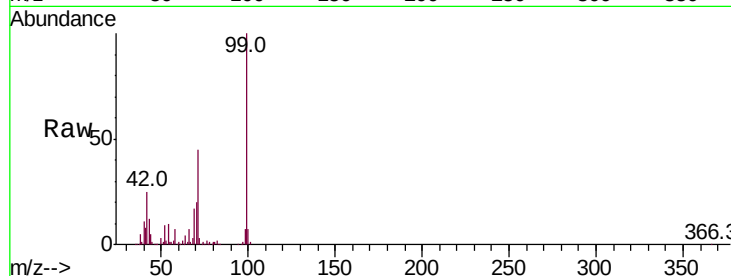
BNA_G

ClientSampleId :

P021-SS010-0612-01

Tot Ion: 99 Resp: 628700

Ion	Ratio	Lower	Upper
99	100		
42	24.9	21.8	32.8
71	45.0	38.6	57.8

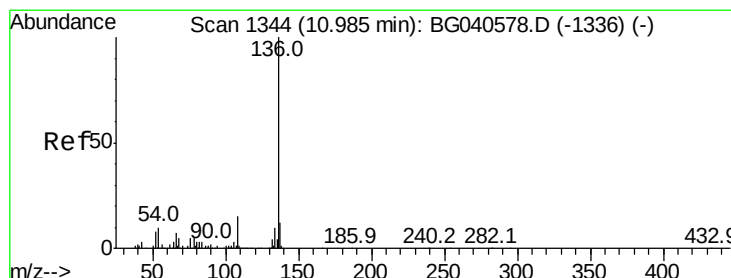
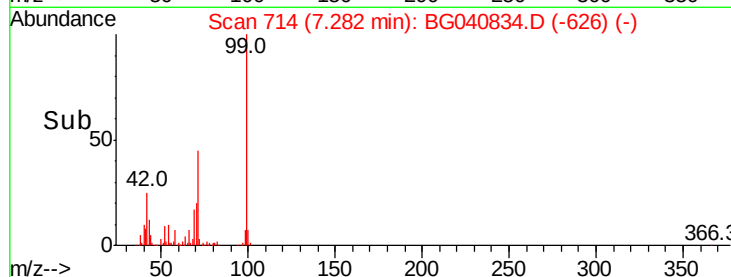
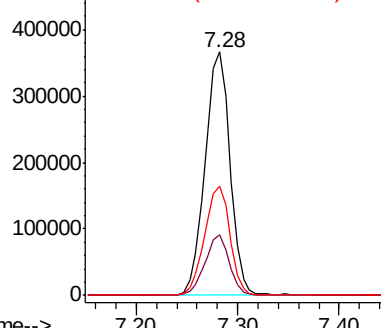


Abundance

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: 10.97 min Scan# 1341

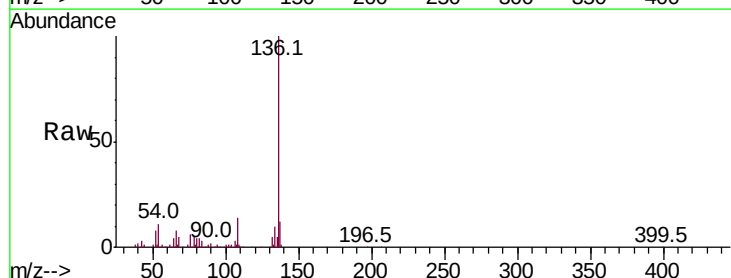
Delta R.T. -0.02 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

Tgt Ion: 136 Resp: 224060

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	11.0	8.6	12.8
68	4.7	4.8	7.2#



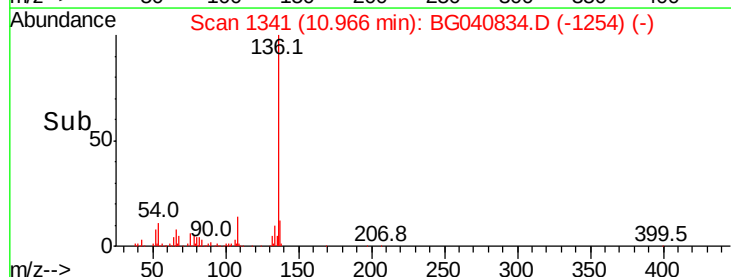
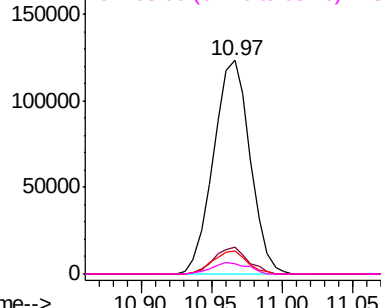
Abundance

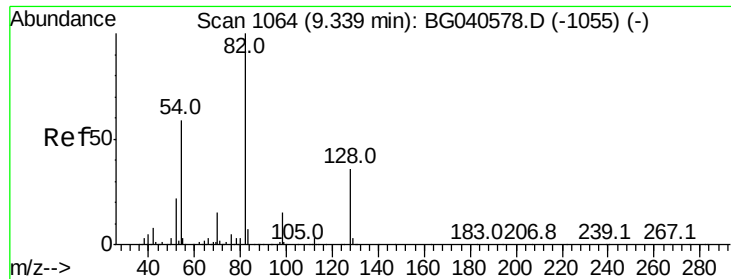
Ion 136.00 (135.70 to 136.70): BGC

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

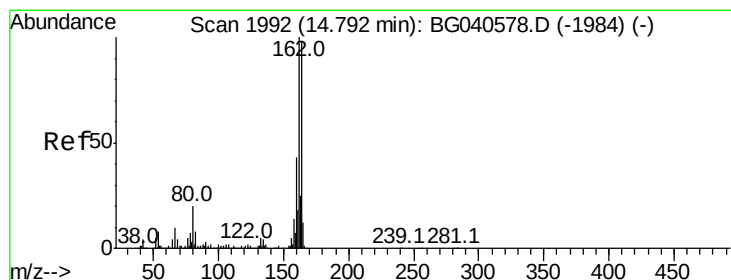
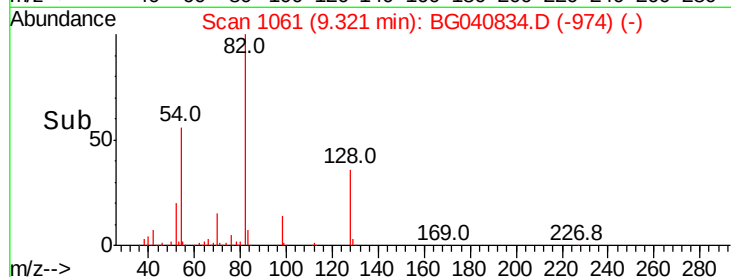
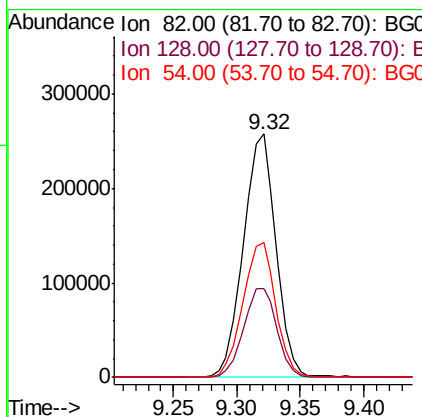
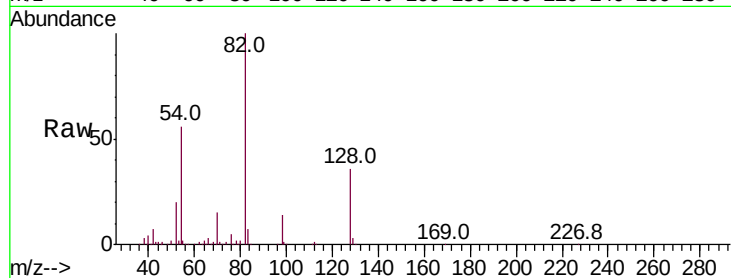




#23
 Nitrobenzene-d5
 Concen: 95.066 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040834.D
 Acq: 10 May 2019 2:43

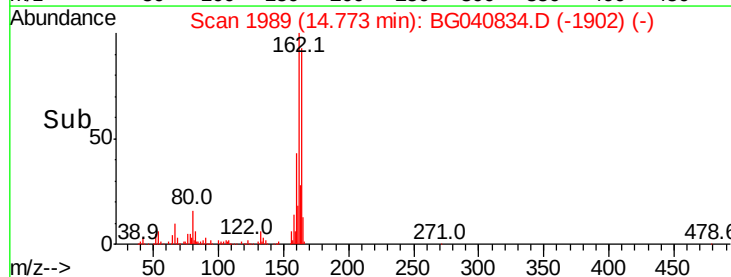
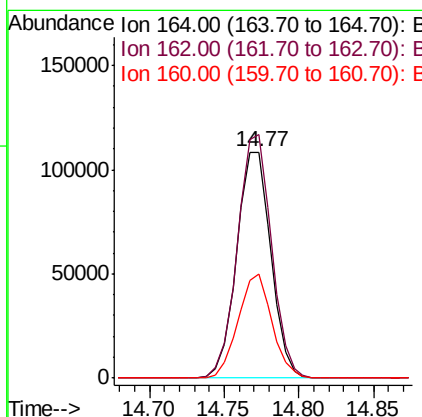
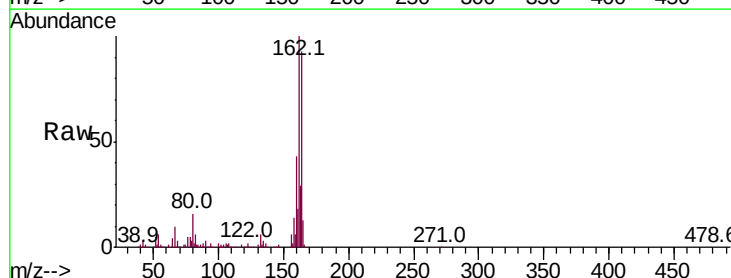
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS010-0612-01

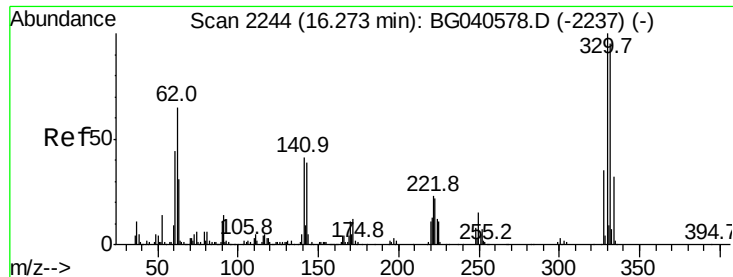
Tot Ion	82	Resp	460989
Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.9	43.3
54	55.6	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040834.D
 Acq: 10 May 2019 2:43

Tgt Ion	164	Resp	173014
Ion	Ratio	Lower	Upper
164	100		
162	107.6	81.9	122.9
160	46.3	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 131.013 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

Instrument :

BNA_G

ClientSampleId :

P021-SS010-0612-01

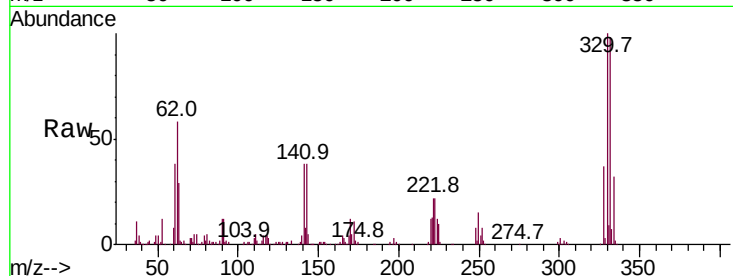
Tot Ion:330 Resp: 311564

Ion Ratio Lower Upper

330 100

332 98.0 75.9 113.9

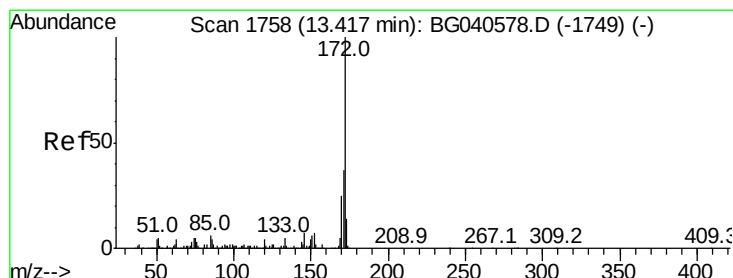
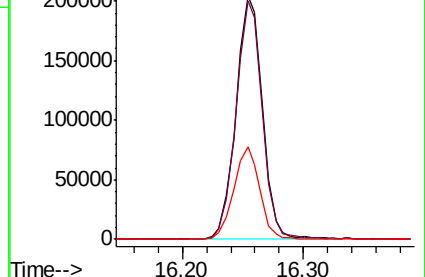
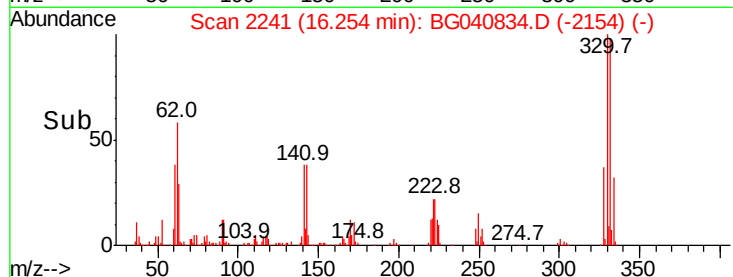
141 37.1 32.4 48.6



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: 79.177 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

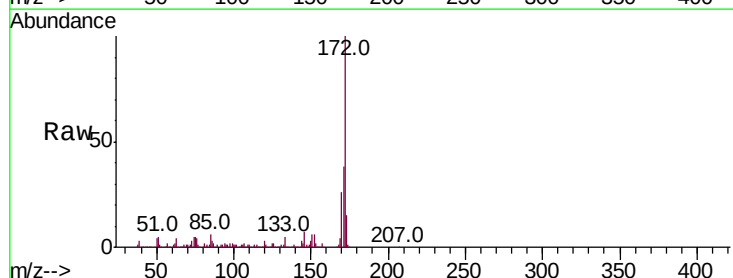
Tgt Ion:172 Resp: 948539

Ion Ratio Lower Upper

172 100

171 38.0 29.4 44.2

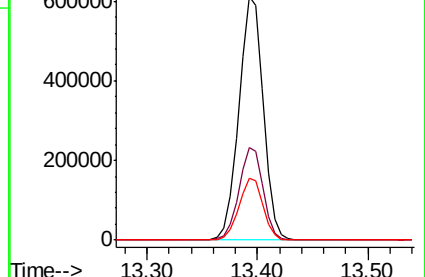
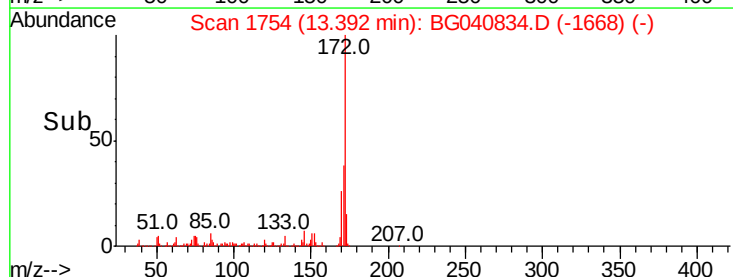
170 25.7 19.9 29.9

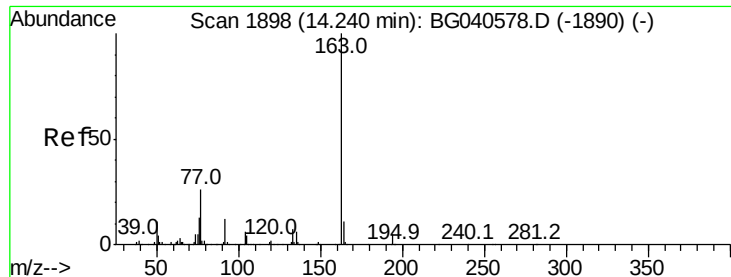


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.908 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

Instrument :

BNA_G

ClientSampleId :

P021-SS010-0612-01

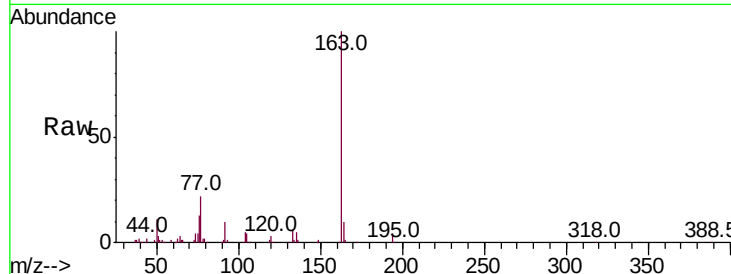
Tot Ion:163 Resp: 157906

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.8

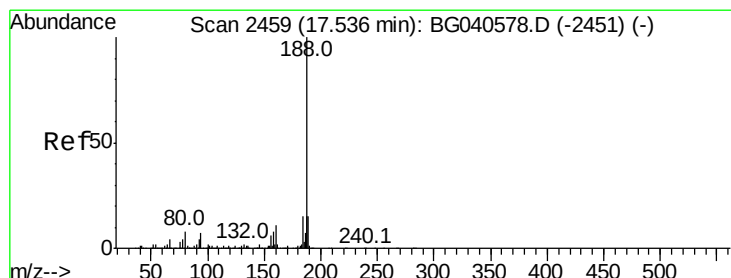
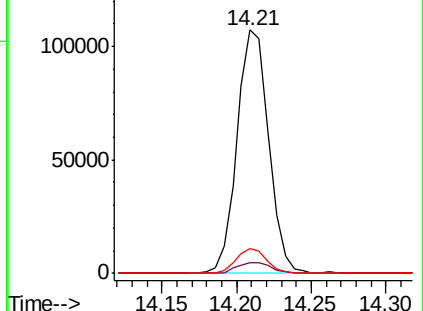
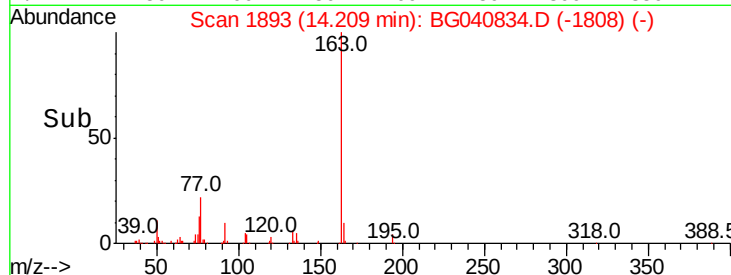
164 10.1 8.8 13.2



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: BG040834.D

Acq: 10 May 2019 2:43

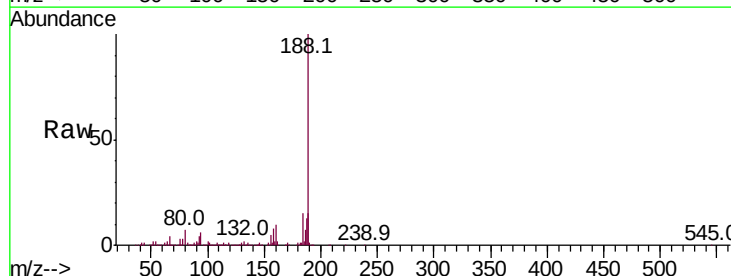
Tgt Ion:188 Resp: 454185

Ion Ratio Lower Upper

188 100

94 5.9 5.6 8.4

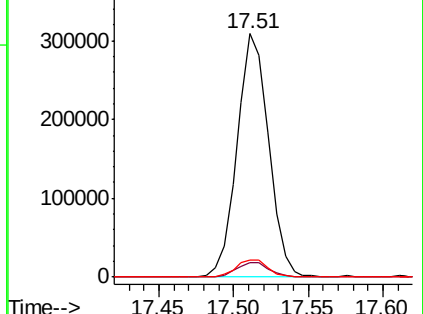
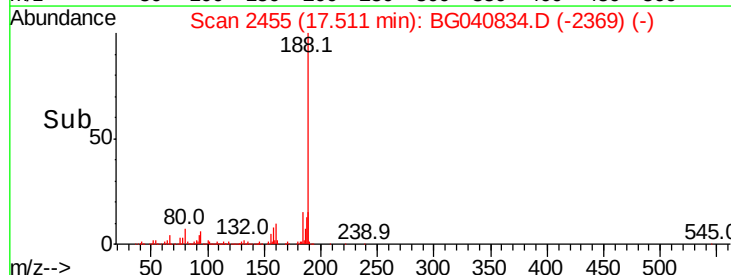
80 7.1 6.4 9.6

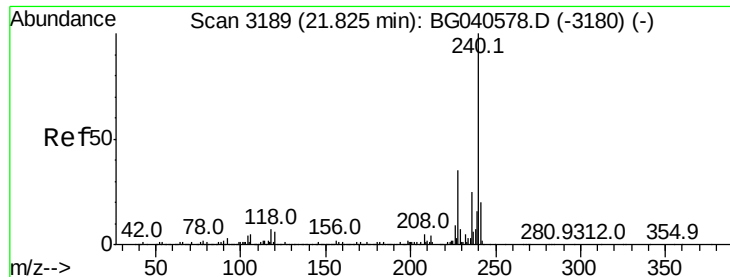


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.79 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

Instrument :

BNA_G

ClientSampleId :

P021-SS010-0612-01

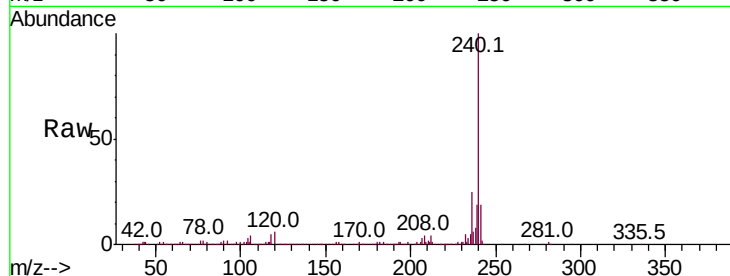
Tot Ion:240 Resp: 432730

Ion Ratio Lower Upper

240 100

120 5.6 5.0 7.6

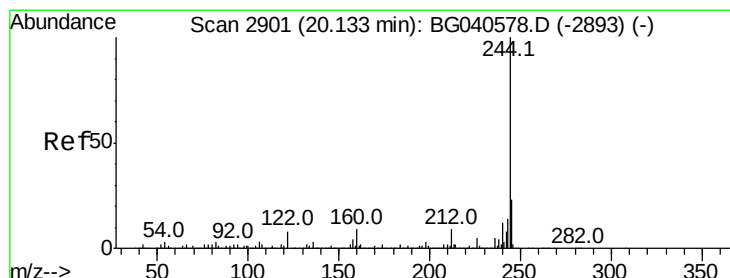
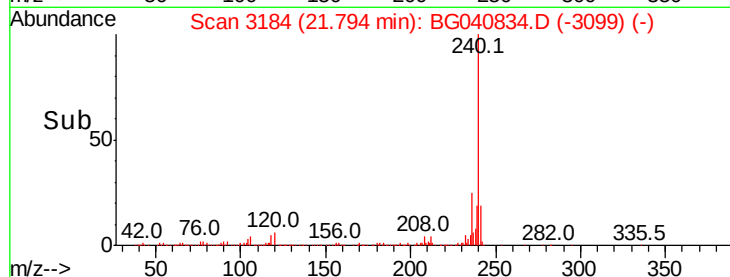
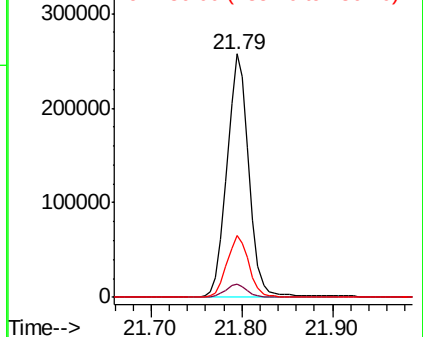
236 25.2 20.3 30.5



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: 82.066 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040834.D

Acq: 10 May 2019 2:43

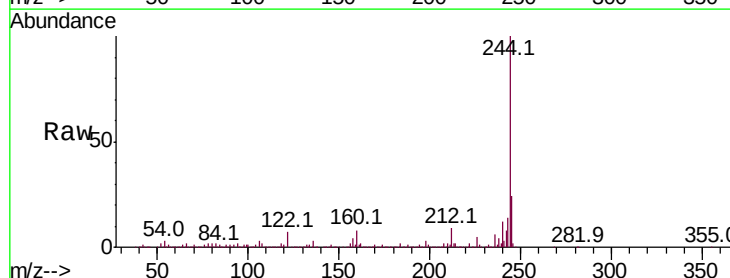
Tgt Ion:244 Resp: 1602959

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

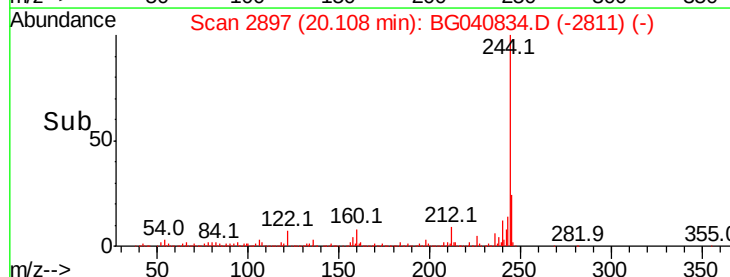
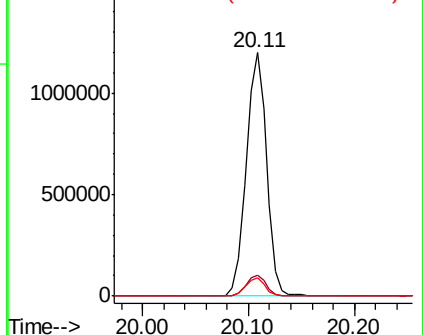
122 7.4 6.6 10.0

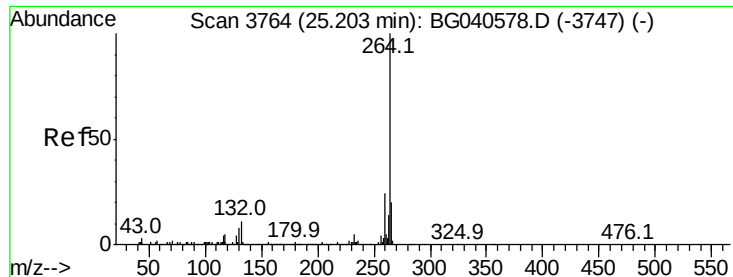


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG040834.D

Acq: 10 May 2019 2:43

Instrument :

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ClientSampleId :

P021-SS010-0612-01

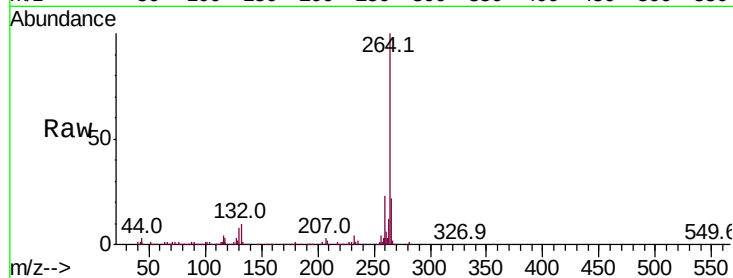
Tot Ion:264 Resp: 438619

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.4 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

