

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040786.D
 Acq On : 8 May 2019 3:25
 Operator : HP/JU
 Sample : K2639-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-A

Quant Time: May 08 09:22:32 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	47922	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	194156	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	140177	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	384858	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	370216	20.00	ng	-0.03
87) Perylene-d12	25.15	264	285462	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	414686	152.54	ng	0.00
7) Phenol-d6	7.28	99	558123	133.34	ng	-0.02
23) Nitrobenzene-d5	9.32	82	483527	115.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	271293	140.80	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1056807	108.88	ng	-0.02
79) Terphenyl-d14	20.11	244	2072518	124.02	ng	-0.02

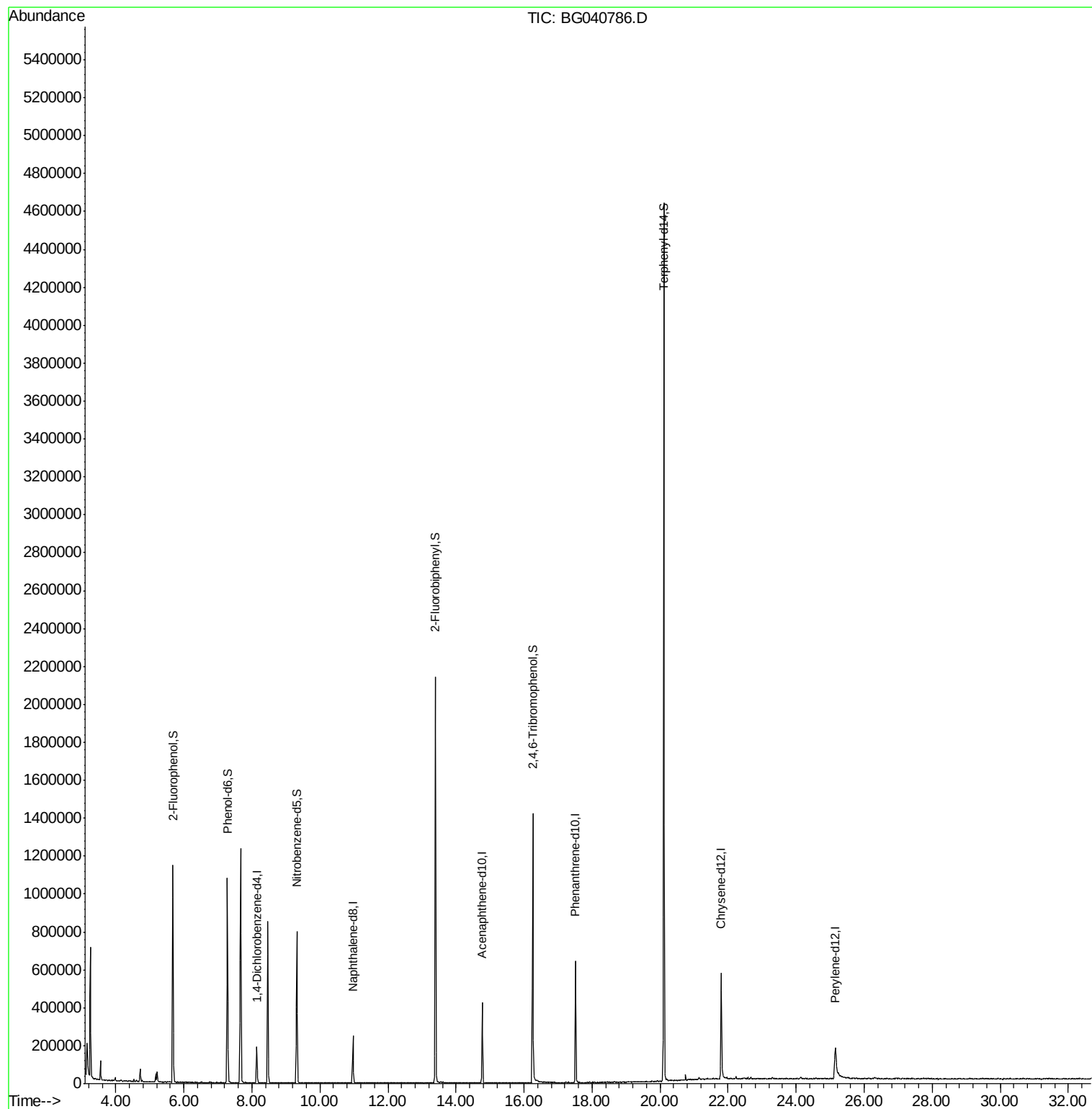
Target Compounds Qvalue

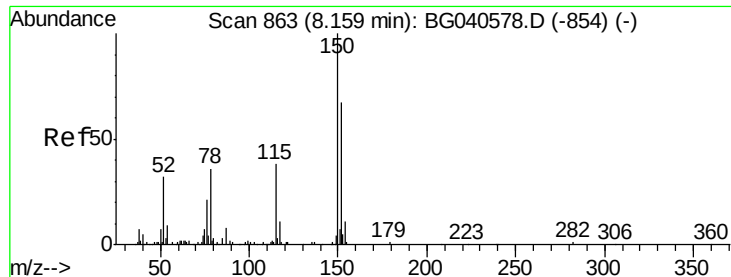
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040786.D

Acq: 8 May 2019 3:25

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-A

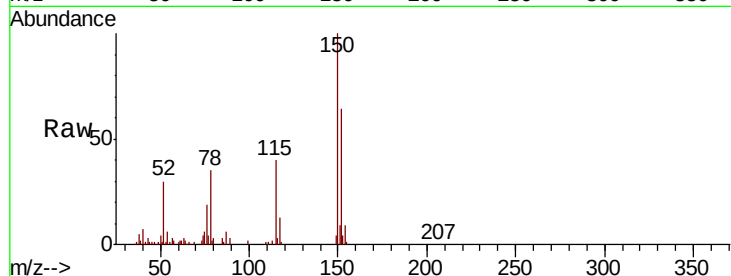
Tot Ion:152 Resp: 47922

Ion Ratio Lower Upper

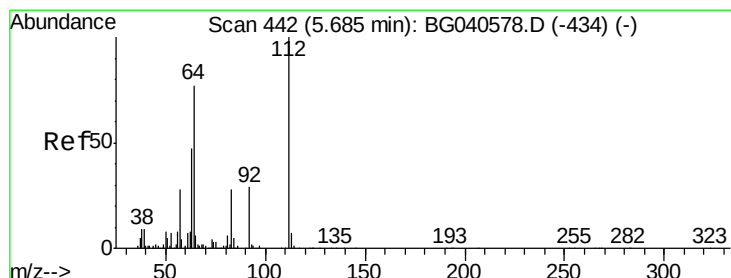
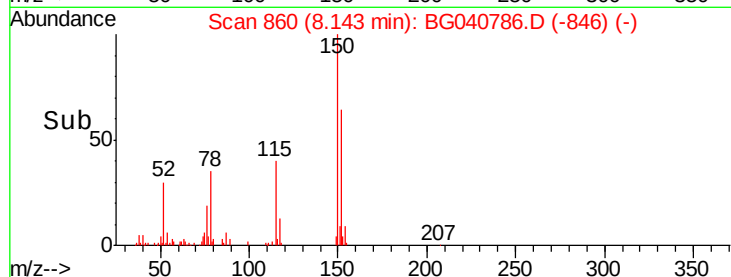
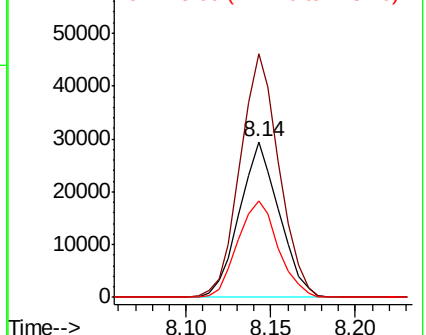
152 100

150 156.5 120.2 180.2

115 61.9 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: 152.538 ng

RT: 5.68 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040786.D

Acq: 8 May 2019 3:25

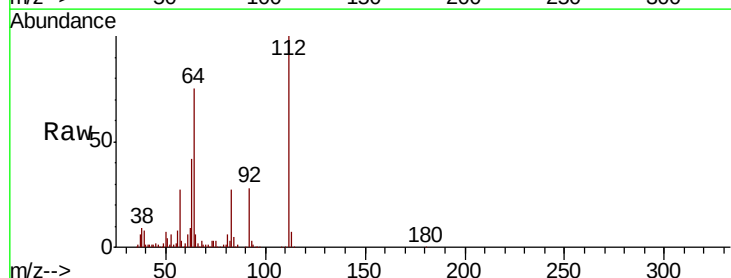
Tgt Ion:112 Resp: 414686

Ion Ratio Lower Upper

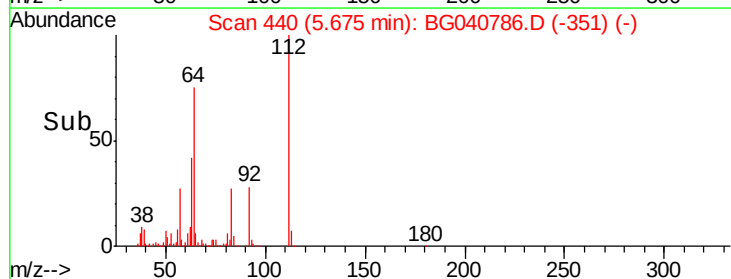
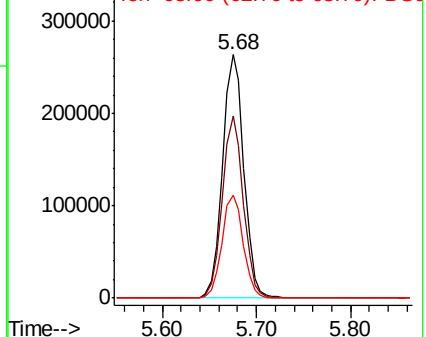
112 100

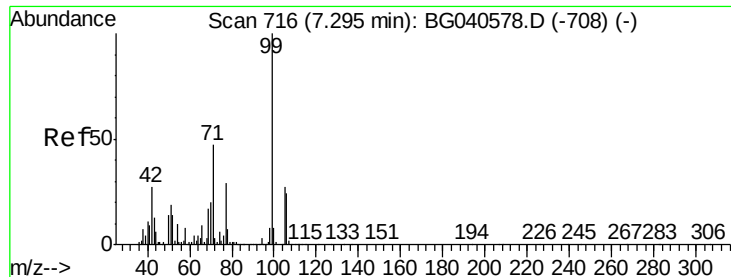
64 75.0 61.4 92.0

63 42.5 37.8 56.6



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: 133.336 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040786.D

Acq: 8 May 2019 3:25

Instrument :

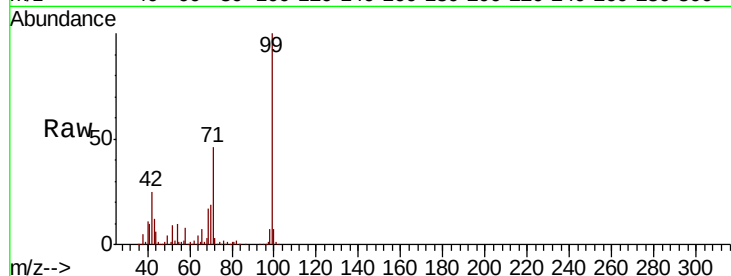
BNA_G

ClientSampleId :

NB-08-050319-A

Tot Ion: 99 Resp: 558123

Ion	Ratio	Lower	Upper
99	100		
42	25.1	21.8	32.8
71	45.9	38.6	57.8

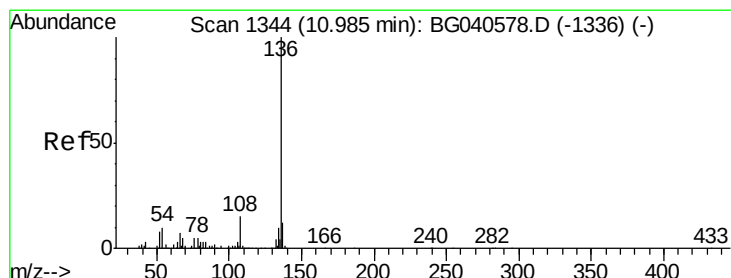
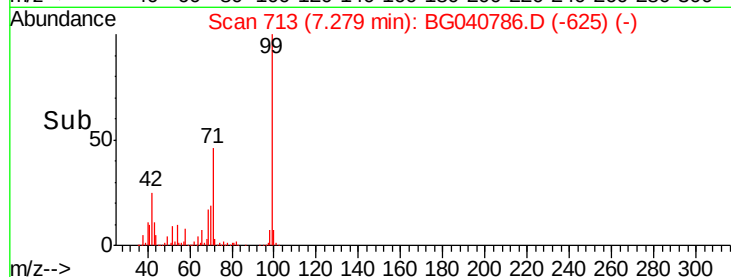
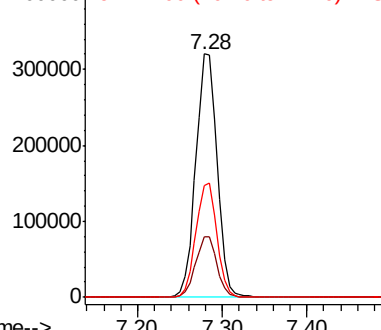


Abundance

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

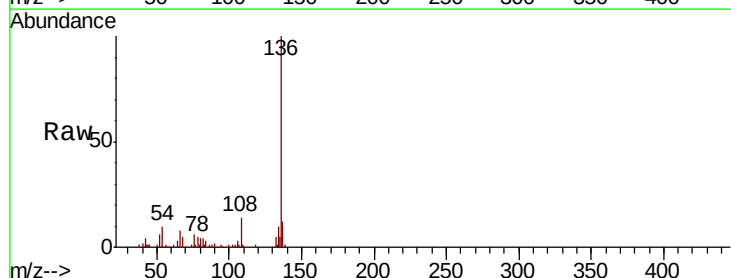
Delta R.T. -0.02 min

Lab File: BG040786.D

Acq: 8 May 2019 3:25

Tgt Ion: 136 Resp: 194156

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	10.0	8.6	12.8
68	4.7	4.8	7.2#



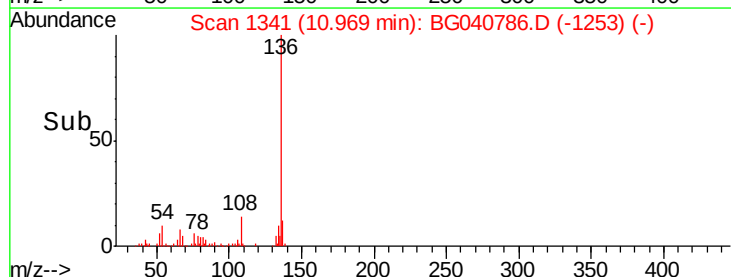
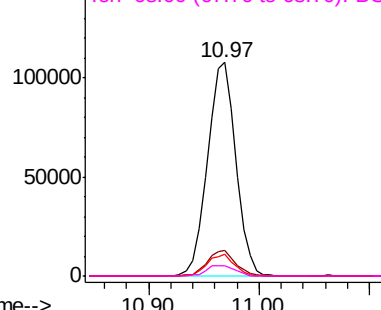
Abundance

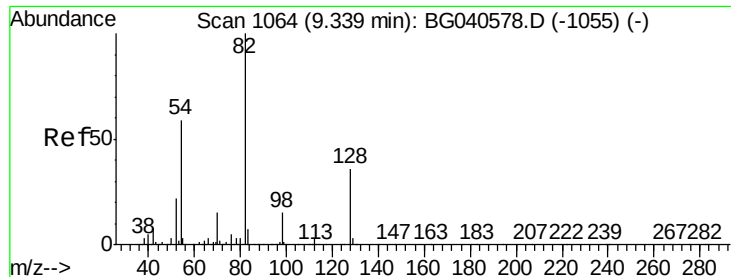
Ion 136.00 (135.70 to 136.70): BGC

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

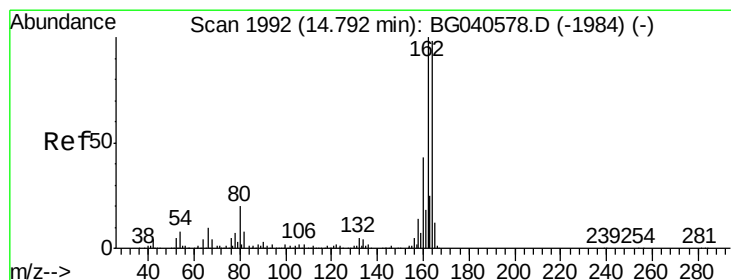
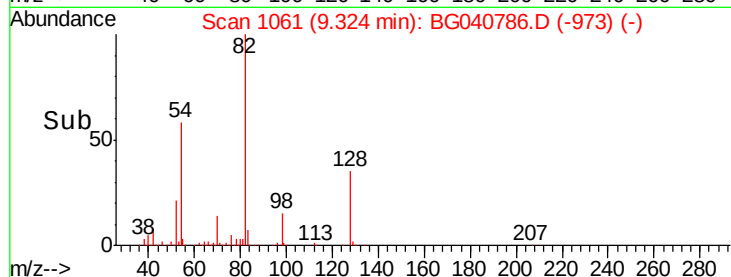
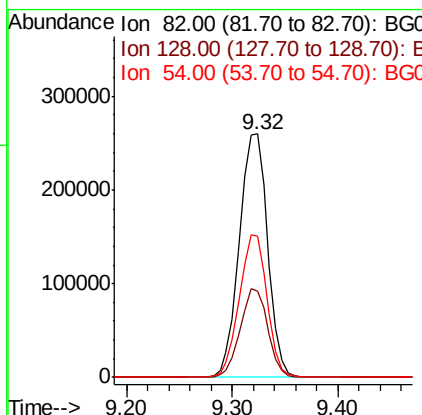
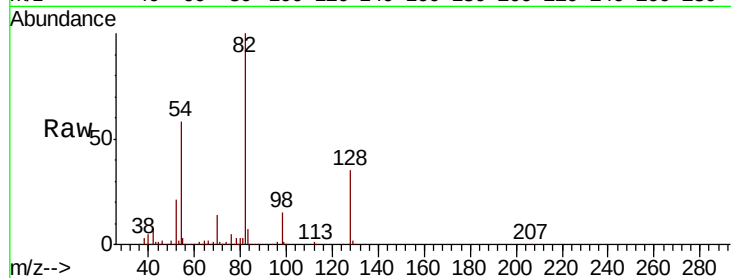




#23
 Nitrobenzene-d5
 Concen: 115.072 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040786.D
 Acq: 8 May 2019 3:25

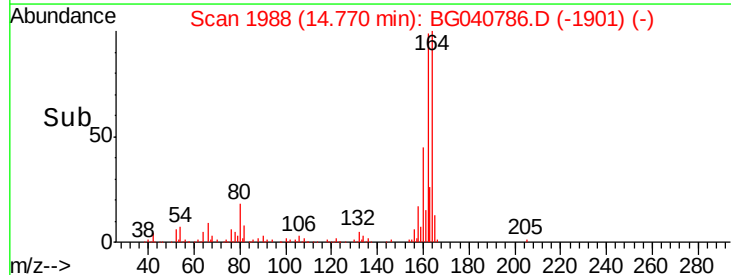
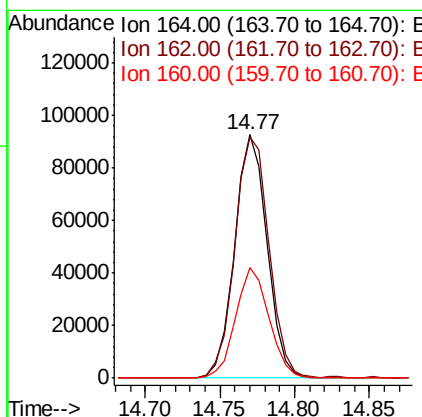
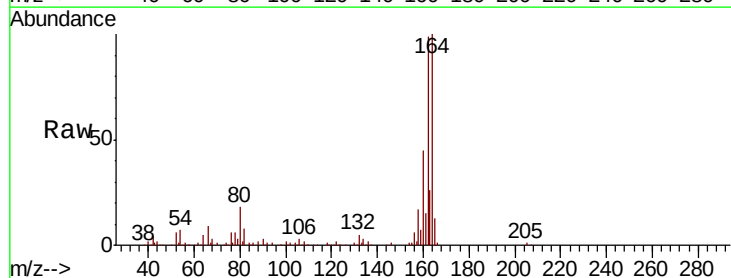
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-A

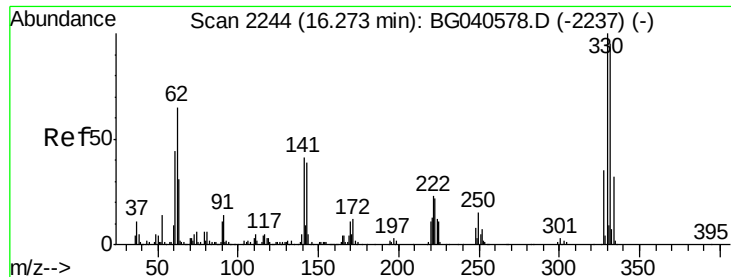
Tot Ion	82	Resp	483527
Ion Ratio	Lower	Upper	
82	100		
128	35.3	28.9	43.3
54	58.1	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040786.D
 Acq: 8 May 2019 3:25

Tgt Ion	164	Resp	140177
Ion Ratio	Lower	Upper	
164	100		
162	99.3	81.9	122.9
160	45.3	35.4	53.2

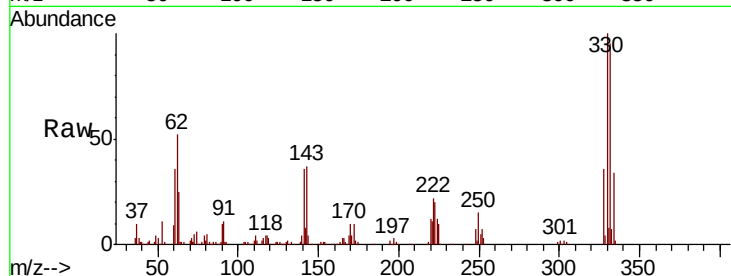




#42
 2,4,6-Tribromophenol
 Concen: 140.802 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040786.D
 Acq: 8 May 2019 3:25

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-050319-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.9	113.9
141	37.4	32.4	48.6

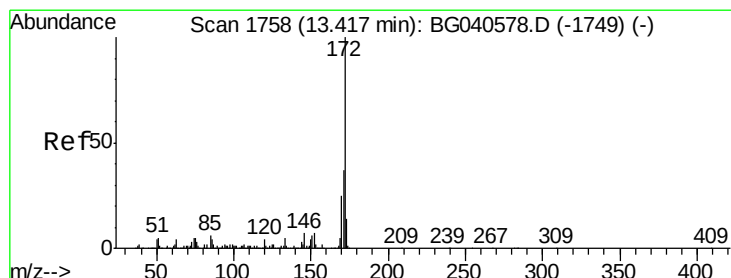
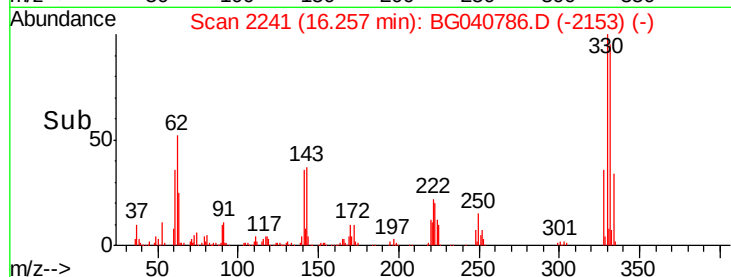
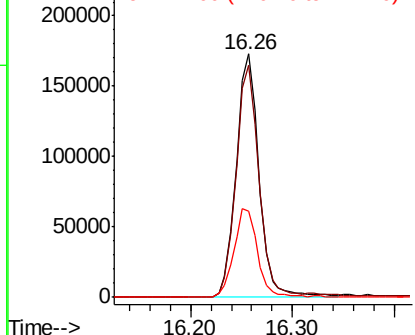


Abundance

Ion 329.80 (329.50 to 330.50): E

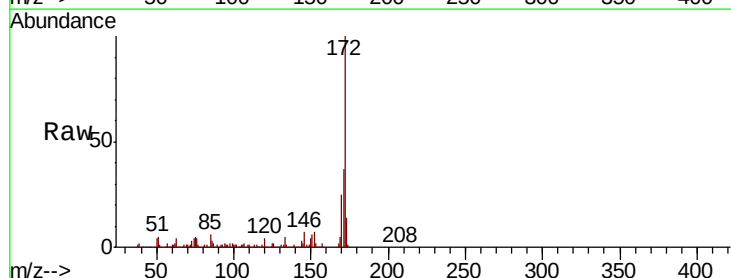
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.880 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040786.D
 Acq: 8 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.2
170	25.1	19.9	29.9

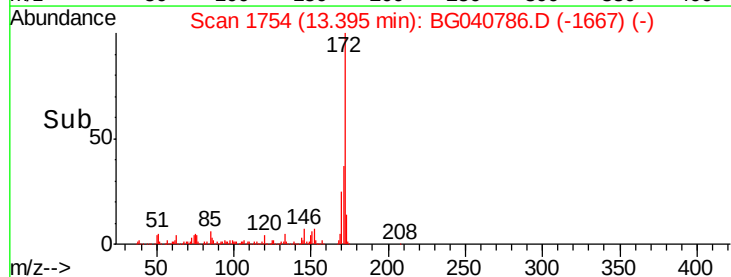
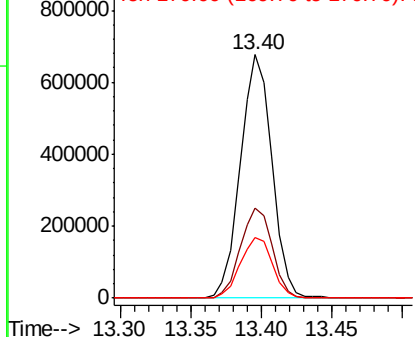


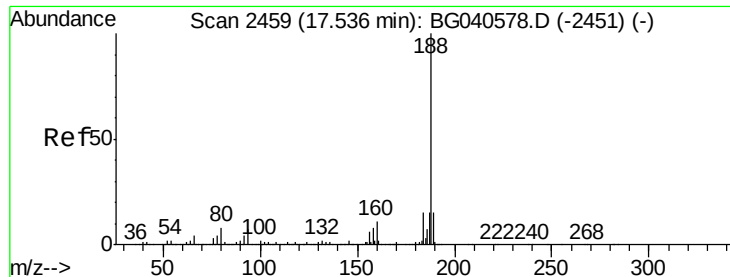
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040786.D

Acq: 8 May 2019 3:25

Instrument :

BNA_G

ClientSampleId :

NB-08-050319-A

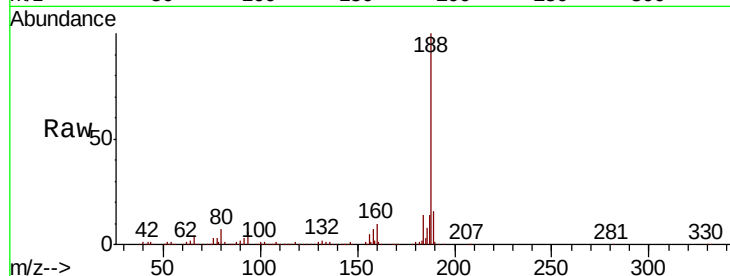
Tot Ion:188 Resp: 384858

Ion Ratio Lower Upper

188 100

94 5.6 5.6 8.4

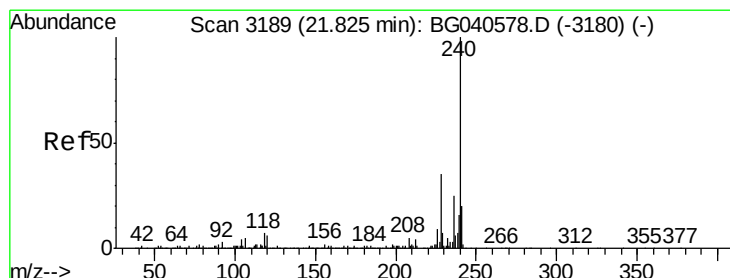
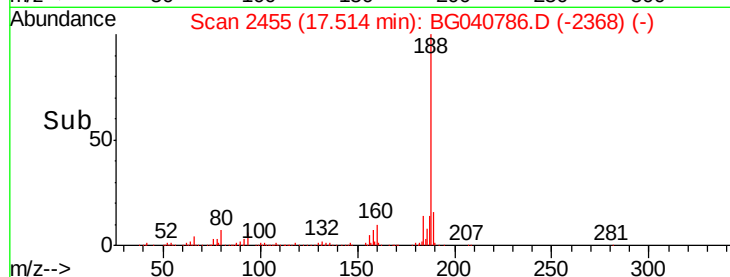
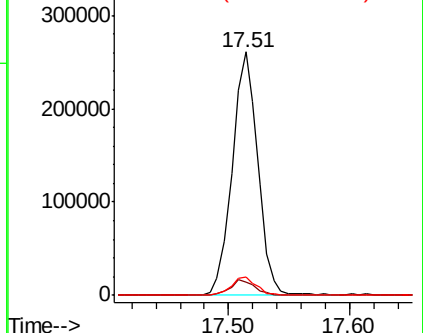
80 7.4 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG040786.D

Acq: 8 May 2019 3:25

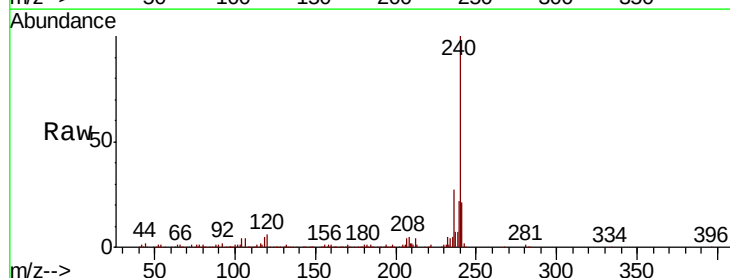
Tgt Ion:240 Resp: 370216

Ion Ratio Lower Upper

240 100

120 6.3 5.0 7.6

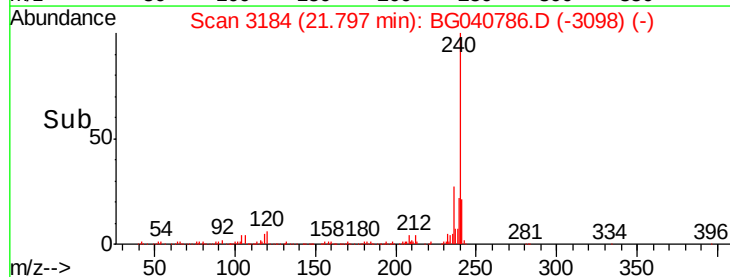
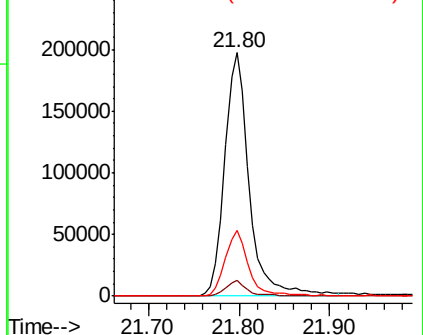
236 26.9 20.3 30.5

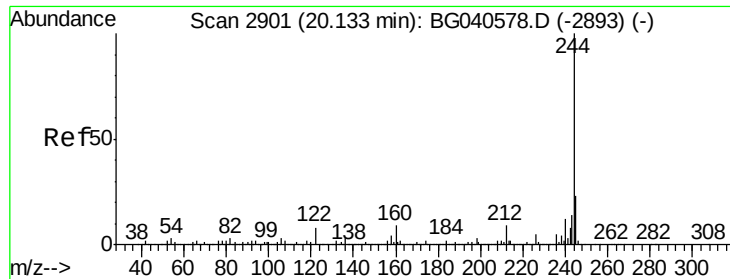


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 124.022 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040786.D

Acq: 8 May 2019 3:25

Instrument :

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ClientSampleId :

NB-08-050319-A

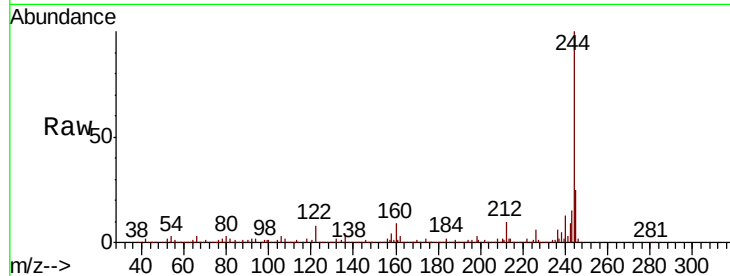
Tot Ion:244 Resp: 2072518

Ion Ratio Lower Upper

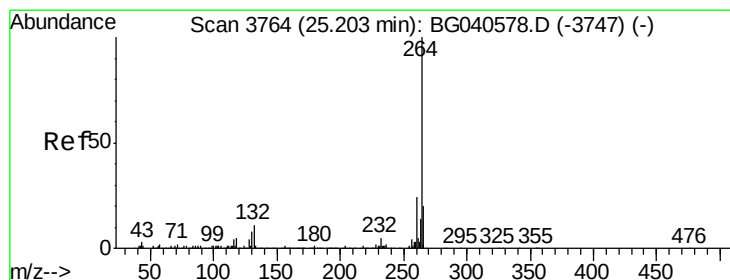
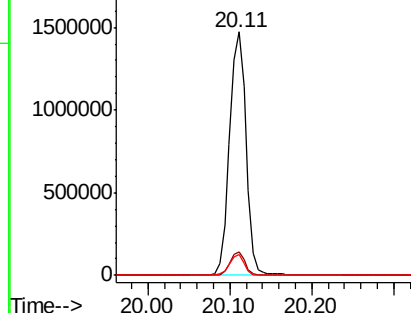
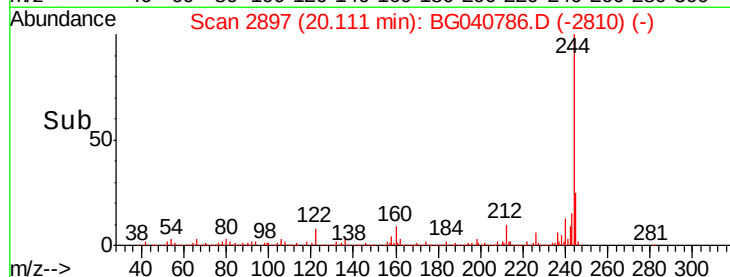
244 100

212 9.8 7.2 10.8

122 8.4 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040786.D

Acq: 8 May 2019 3:25

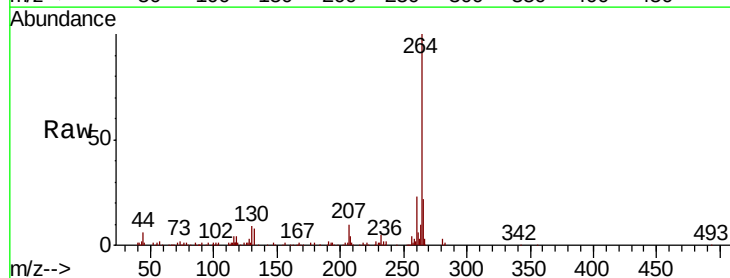
Tgt Ion:264 Resp: 285462

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E
80000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

