

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
 Data File : BG040767.D
 Acq On : 7 May 2019 13:25
 Operator : HP/JU
 Sample : K2674-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV28545L

Quant Time: May 07 15:10:04 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	45771	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	180693	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	129671	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	346337	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	348256	20.00	ng	-0.03
87) Perylene-d12	25.16	264	286411	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	84978	32.73	ng	0.00
7) Phenol-d6	7.28	99	161006	40.27	ng	-0.02
23) Nitrobenzene-d5	9.32	82	479721	122.67	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.40	172	1033405	115.09	ng	-0.02
79) Terphenyl-d14	20.11	244	2003243	127.44	ng	-0.02

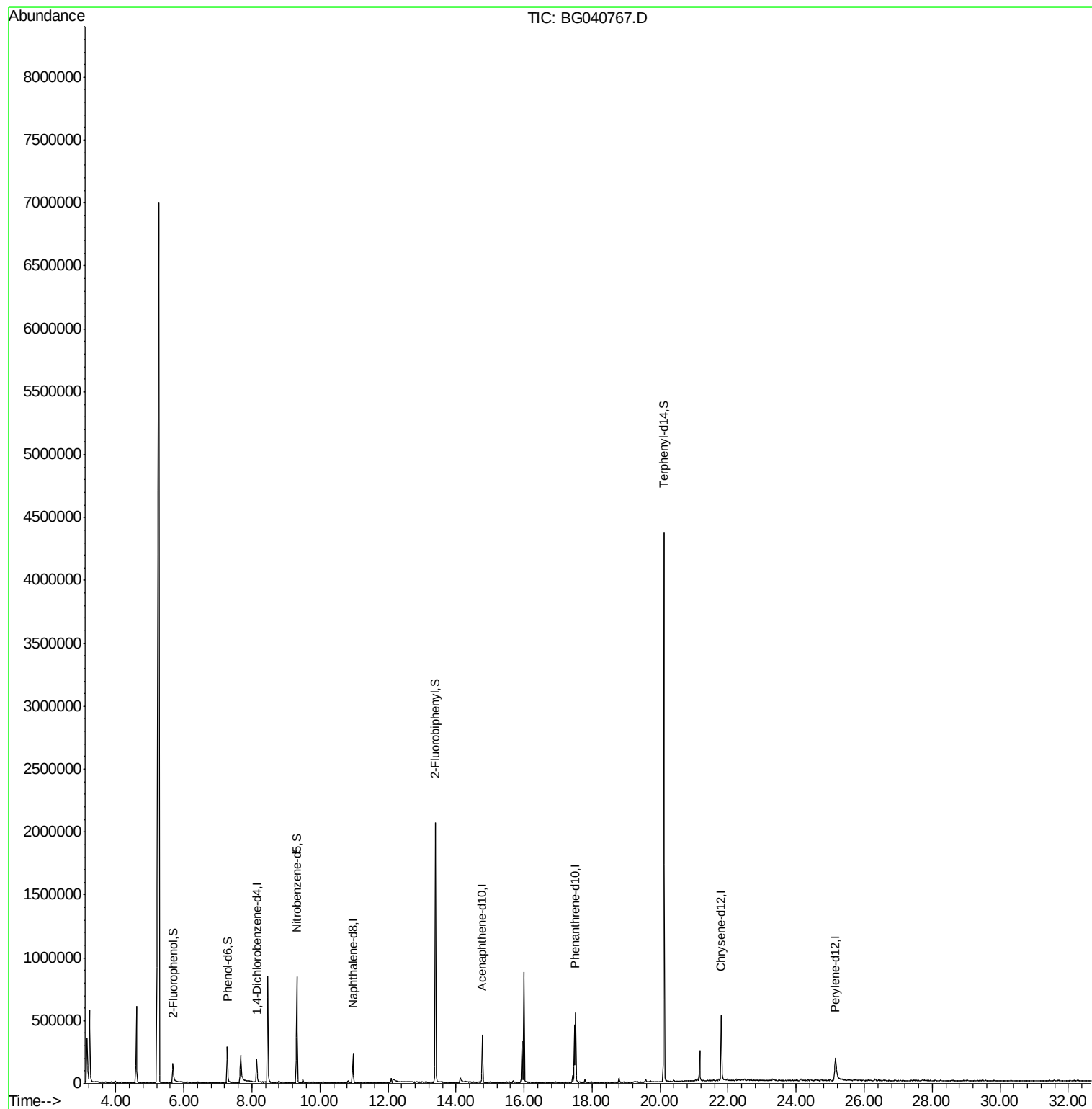
Target Compounds Qvalue

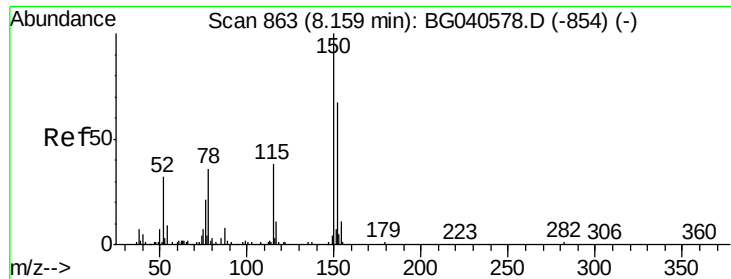
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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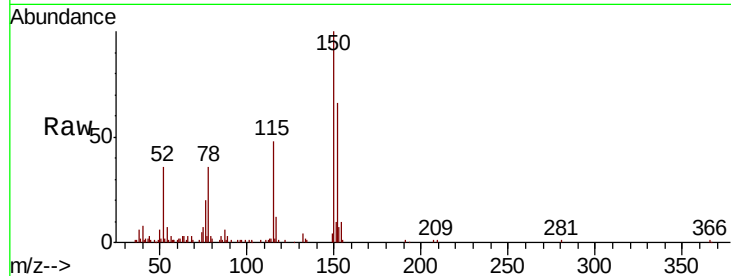


#1

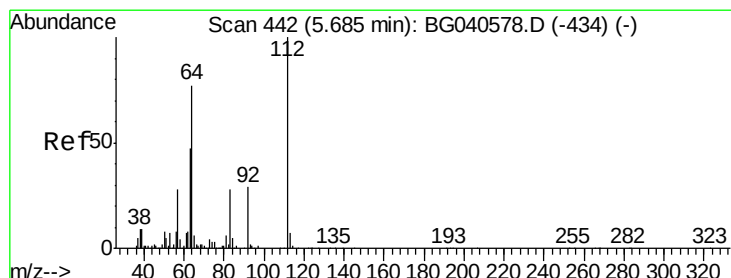
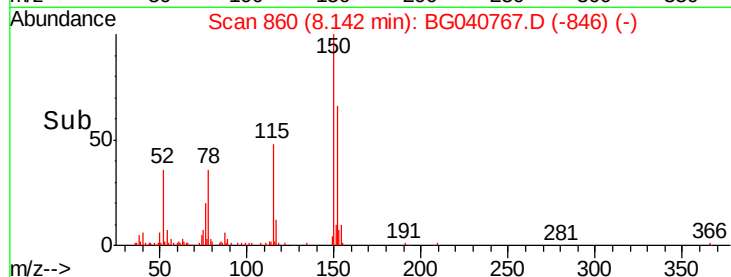
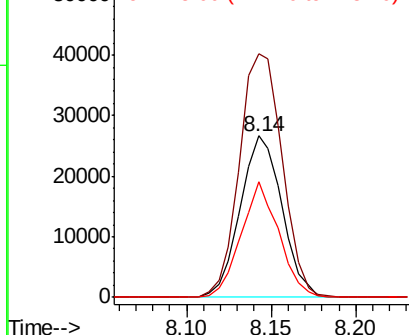
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040767.D
Acq: 7 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
SV28545L

Tot Ion:152 Resp: 45771
Ion Ratio Lower Upper
152 100
150 150.7 120.2 180.2
115 71.8 46.2 69.2#



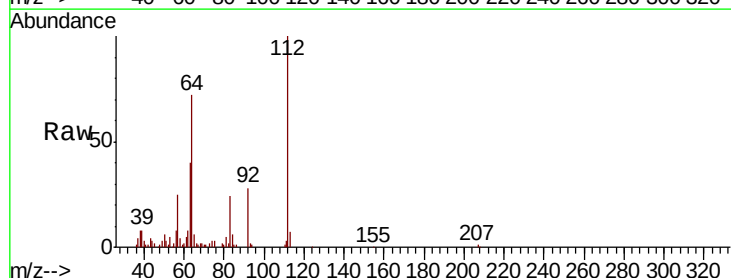
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



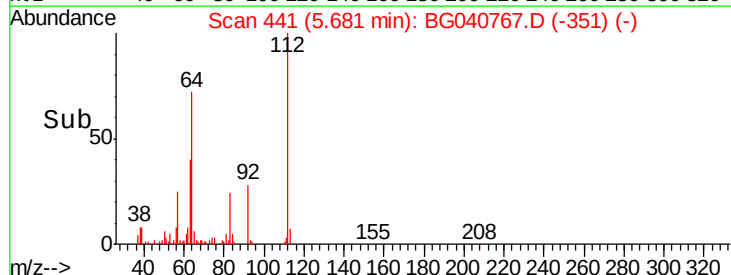
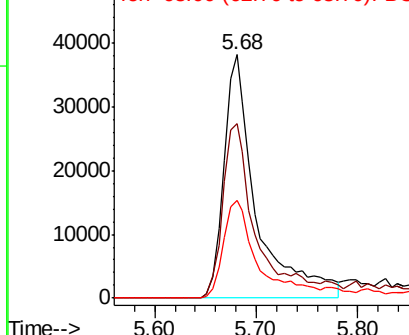
#5

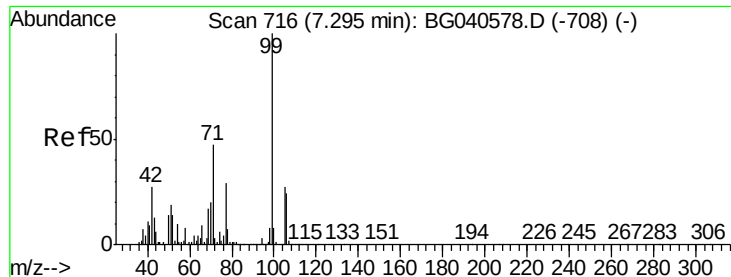
2-Fluorophenol
Concen: 32.727 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.00 min
Lab File: BG040767.D
Acq: 7 May 2019 13:25

Tgt Ion:112 Resp: 84978
Ion Ratio Lower Upper
112 100
64 71.8 61.4 92.0
63 40.3 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: 40.272 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040767.D

Acq: 7 May 2019 13:25

Instrument :

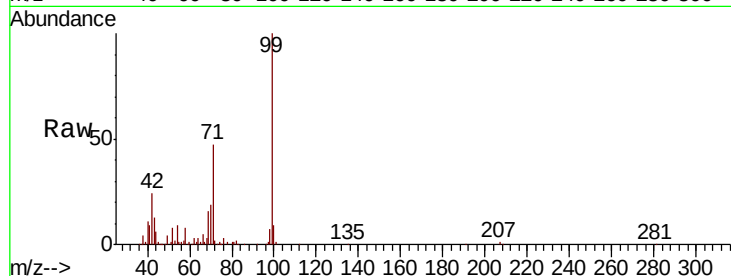
BNA_G

ClientSampleId :

SV28545L

Tot Ion: 99 Resp: 161006

Ion	Ratio	Lower	Upper
99	100		
42	24.1	21.8	32.8
71	46.8	38.6	57.8

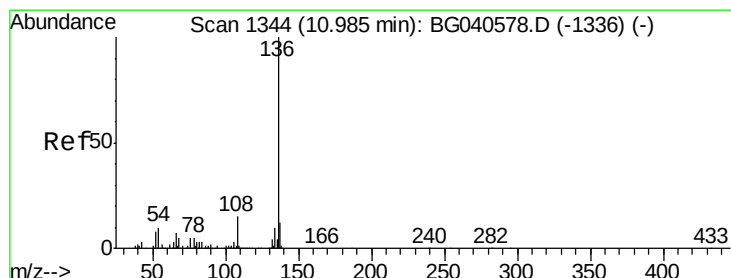
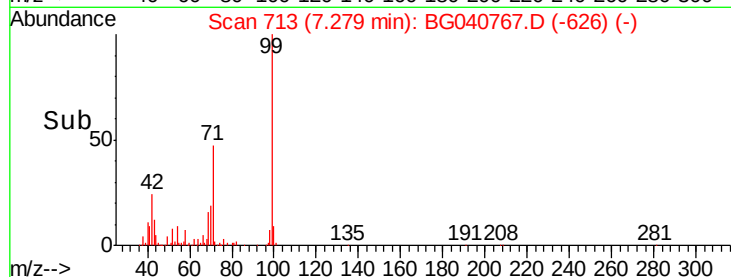
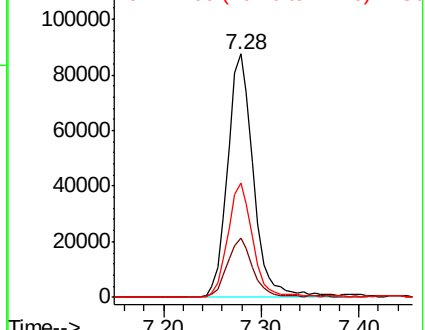


Abundance

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: BG040767.D

Acq: 7 May 2019 13:25

Tgt Ion: 136 Resp: 180693

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	9.3	8.6	12.8
68	4.7	4.8	7.2#

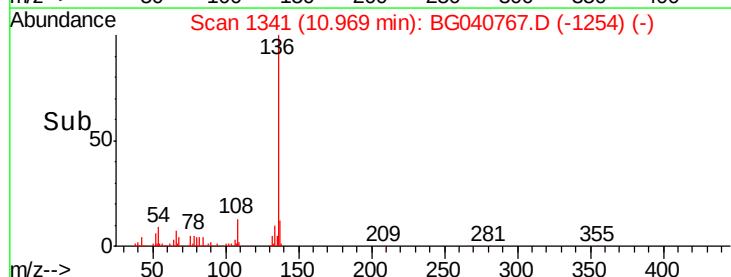
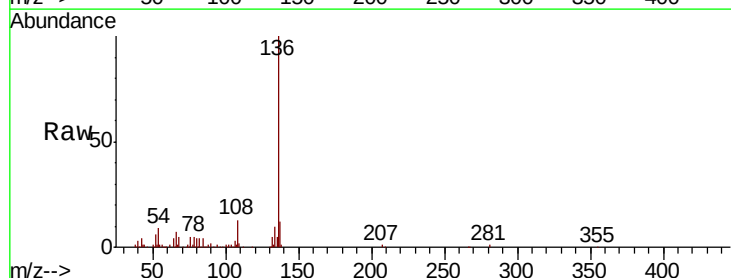
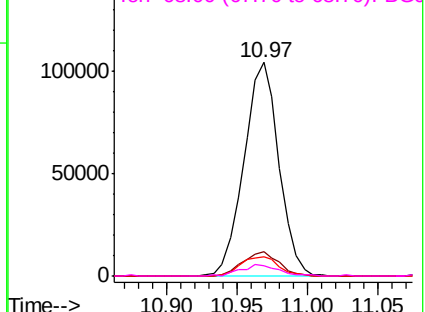
Abundance

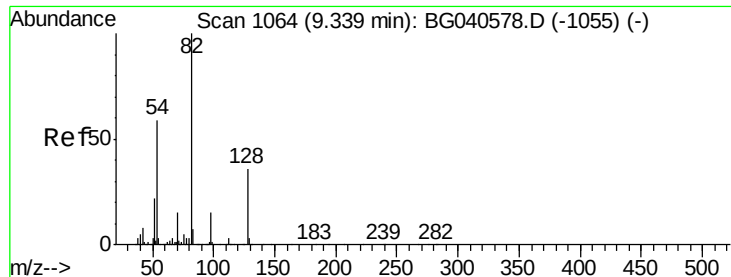
Ion 136.00 (135.70 to 136.70): BGC

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

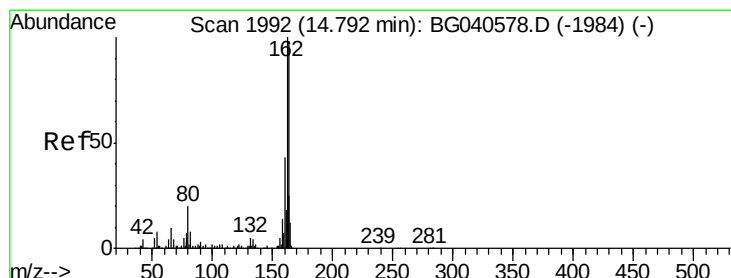
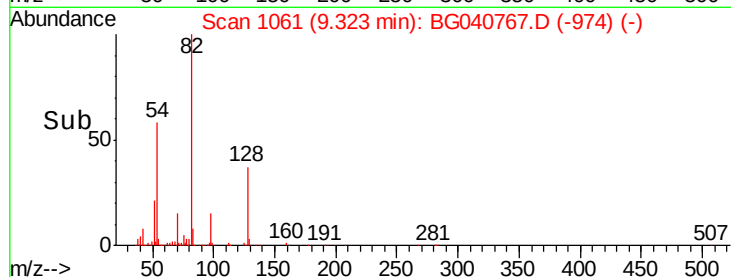
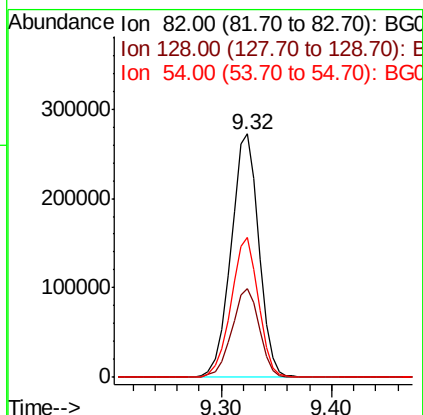
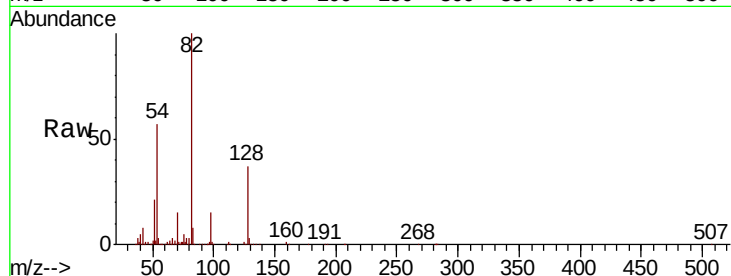




#23
 Nitrobenzene-d5
 Concen: 122.673 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

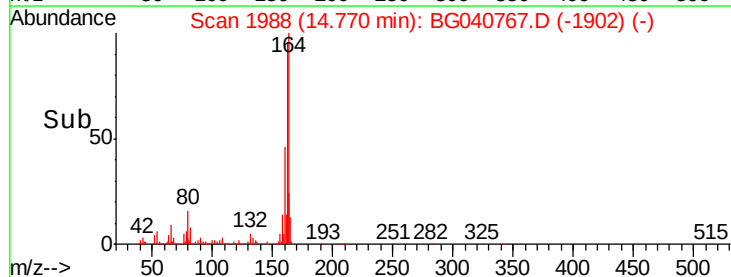
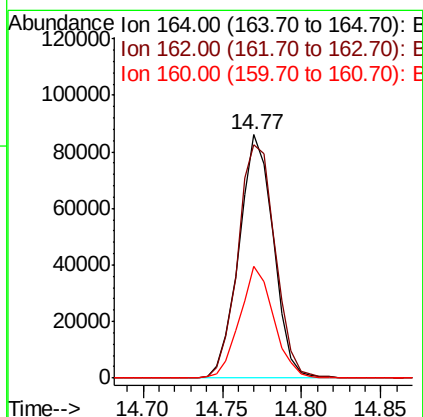
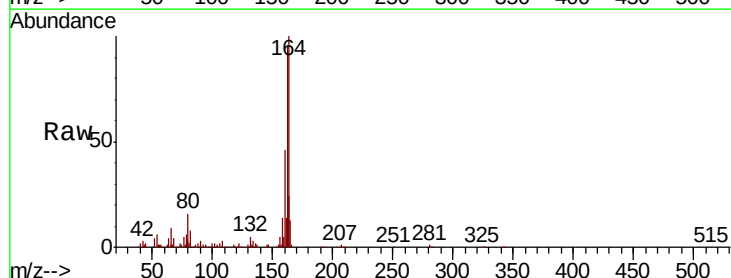
Instrument :
 BNA_G
 ClientSampleId :
 SV28545L

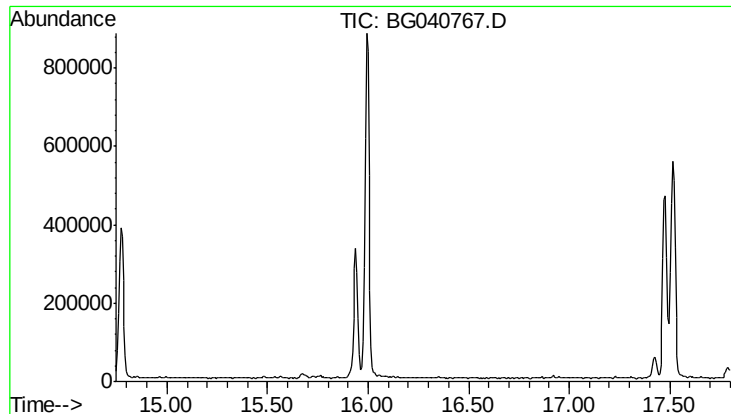
Tot Ion	82	Resp	479721
Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.9	43.3
54	57.4	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040767.D
 Acq: 7 May 2019 13:25

Tgt Ion	164	Resp	129671
Ion	Ratio	Lower	Upper
164	100		
162	95.8	81.9	122.9
160	45.9	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.27 min

Lab File: BG040767.D

Acq: 7 May 2019 13:25

Instrument :

BNA_G

ClientSampleId :

SV28545L

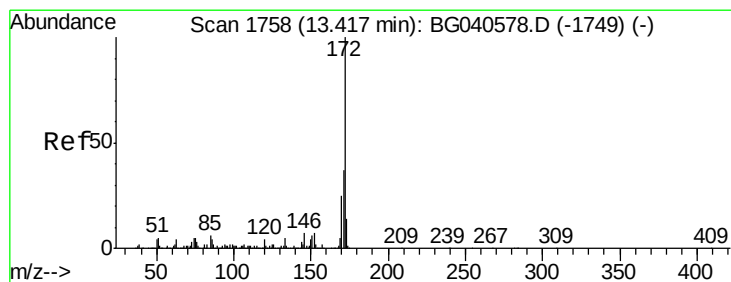
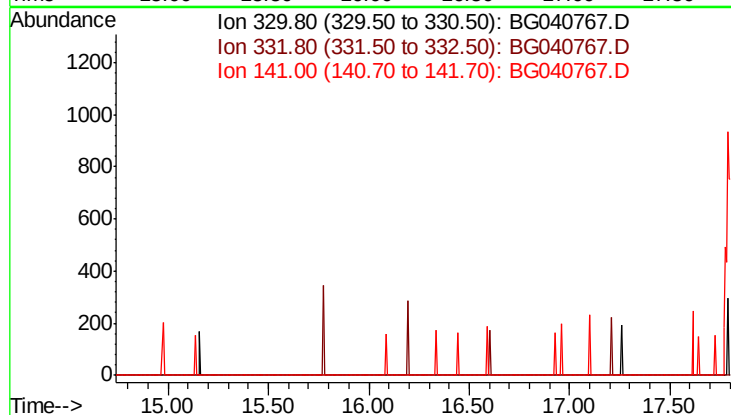
Tot Ion: 330

Sig Exp Ratio

330 100

332 94.9

141 40.5



#45

2-Fluorobiphenyl

Concen: 115.095 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG040767.D

Acq: 7 May 2019 13:25

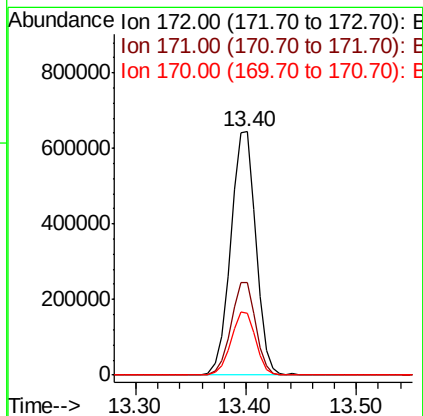
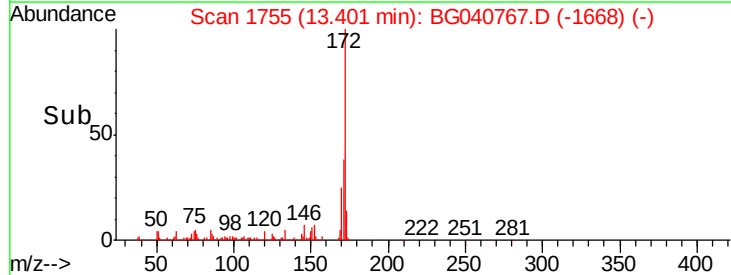
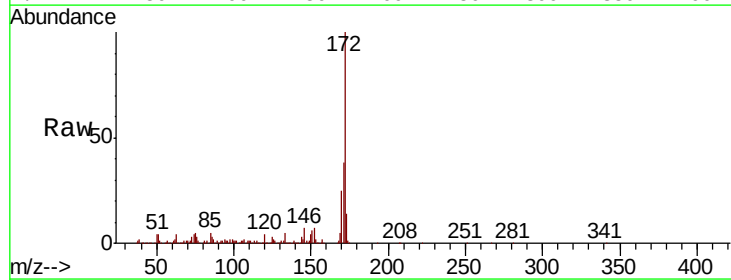
Tgt Ion: 172 Resp: 1033405

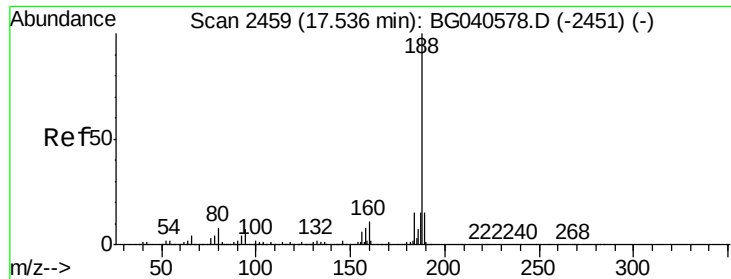
Ion Ratio Lower Upper

172 100

171 38.0 29.4 44.2

170 25.2 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040767.D

Acq: 7 May 2019 13:25

Instrument :

BNA_G

ClientSampleId :

SV28545L

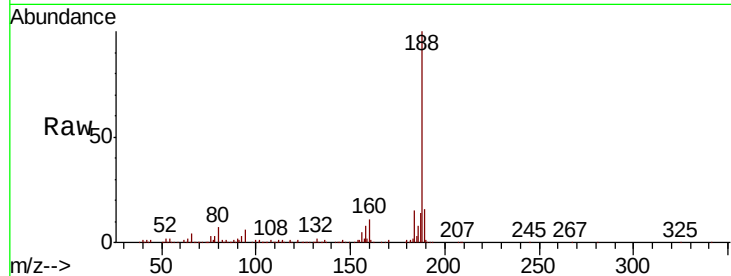
Tot Ion:188 Resp: 346337

Ion Ratio Lower Upper

188 100

94 6.1 5.6 8.4

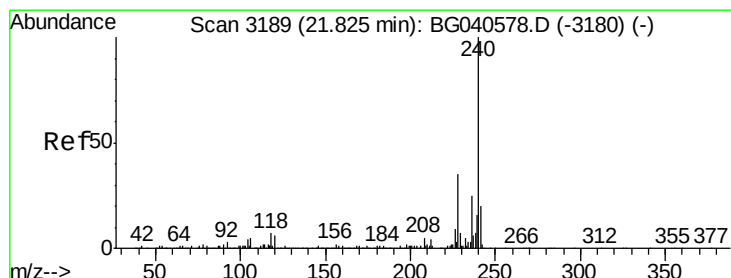
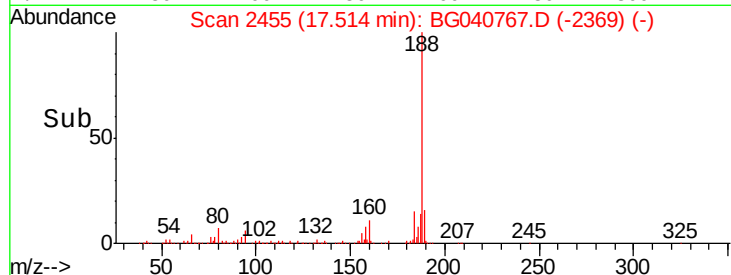
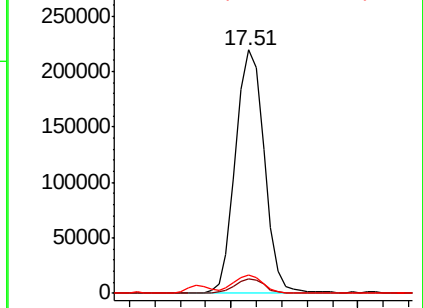
80 7.4 6.4 9.6



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: BG040767.D

Acq: 7 May 2019 13:25

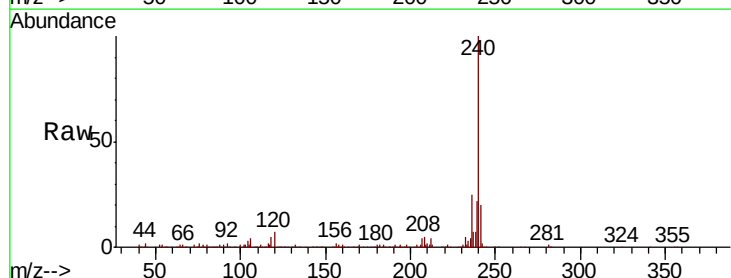
Tgt Ion:240 Resp: 348256

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.6

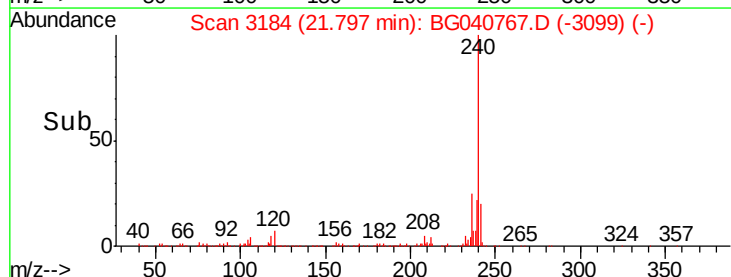
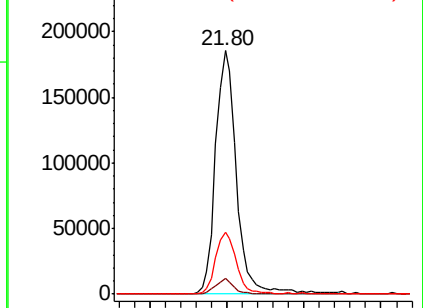
236 25.5 20.3 30.5

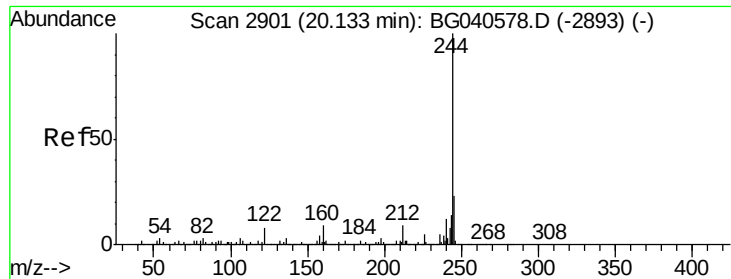


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 127.436 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040767.D

Acq: 7 May 2019 13:25

Instrument :

BNA_G

ClientSampleId :

SV28545L

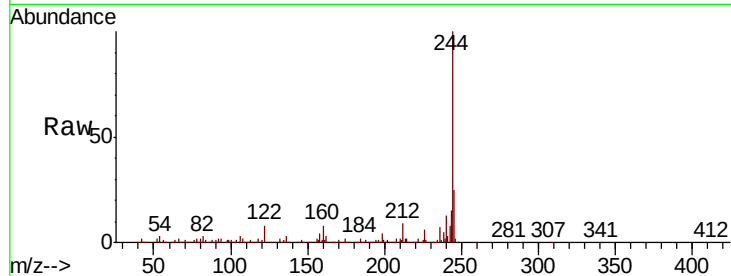
Tot Ion:244 Resp: 2003243

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

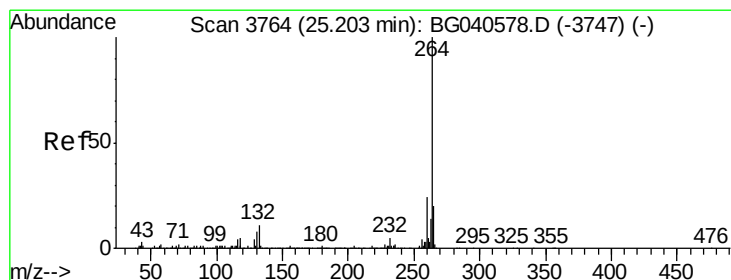
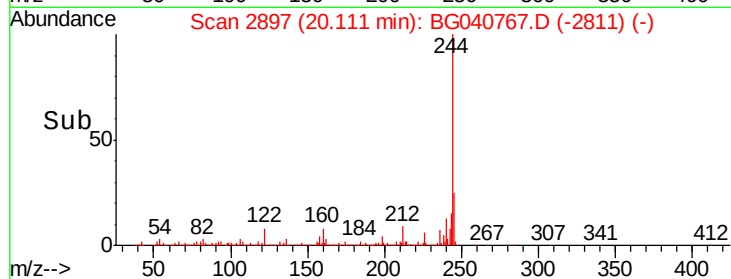
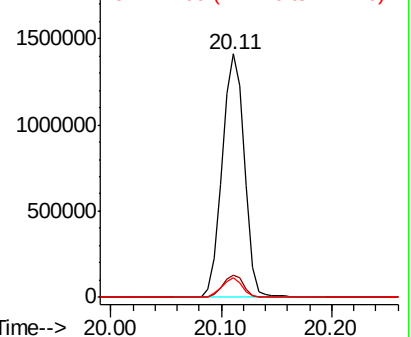
122 8.1 6.6 10.0



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

Perylene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040767.D

Acq: 7 May 2019 13:25

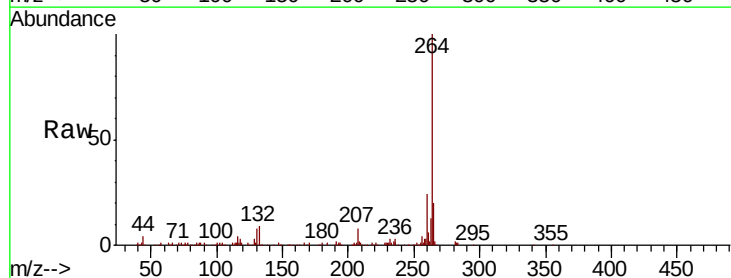
Tgt Ion:264 Resp: 286411

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 20.4 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

