

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040791.D
 Acq On : 8 May 2019 17:06
 Operator : HP/JU
 Sample : K2668-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: May 08 17:55:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 08 17:46:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42535	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	168339	20.00	ng	0.00
39) Acenaphthene-d10	14.77	164	126156	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	371892	20.00	ng	0.00
76) Chrysene-d12	21.80	240	362873	20.00	ng	0.00
87) Perylene-d12	25.15	264	252047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	383591	158.97	ng	0.00
7) Phenol-d6	7.28	99	521057	140.25	ng	0.00
23) Nitrobenzene-d5	9.32	82	435342	119.49	ng	0.00
42) 2,4,6-Tribromophenol	16.26	330	310242	178.91	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	950177	108.77	ng	0.00
79) Terphenyl-d14	20.11	244	1982086	121.01	ng	0.00

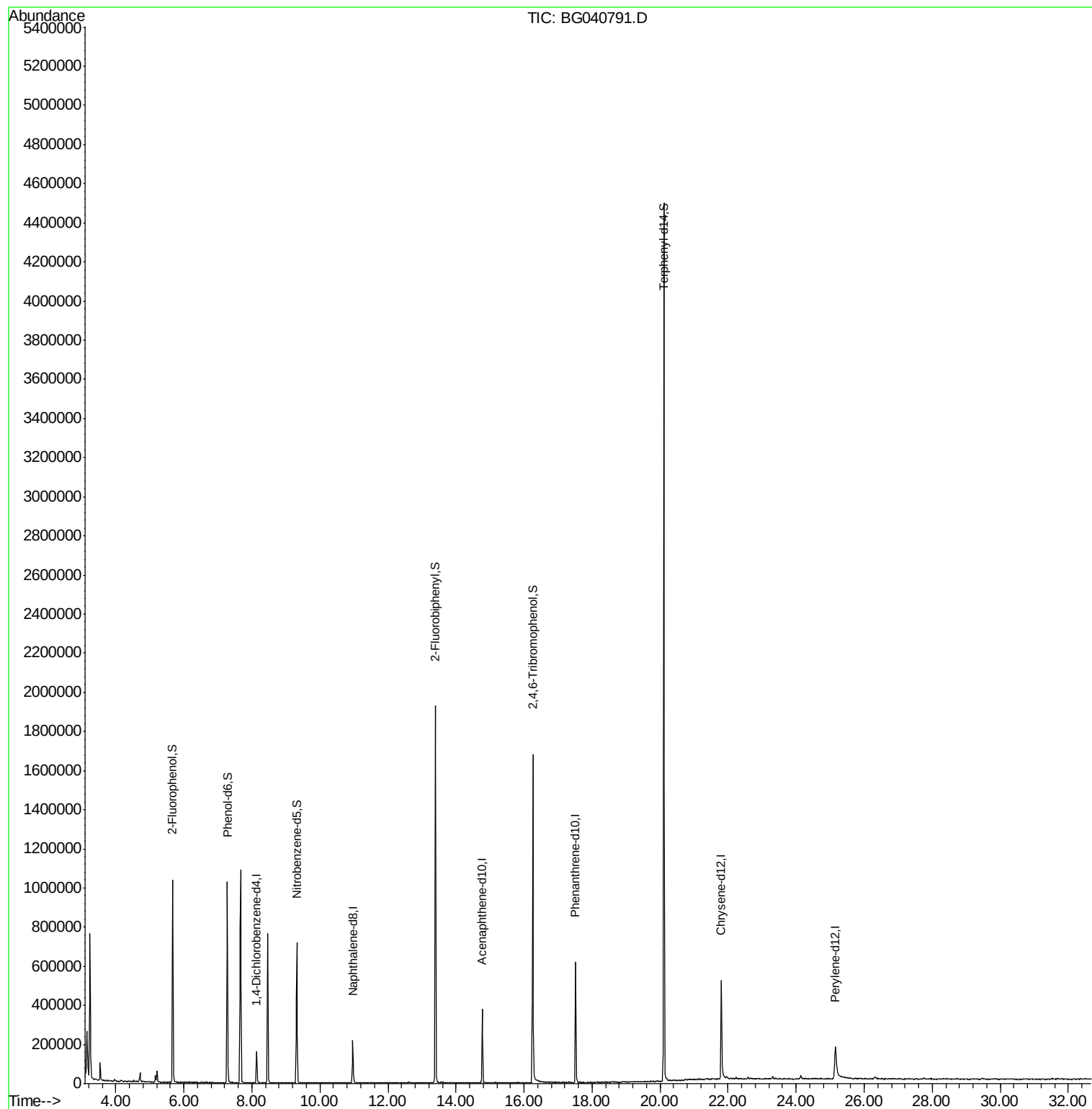
Target Compounds Qvalue

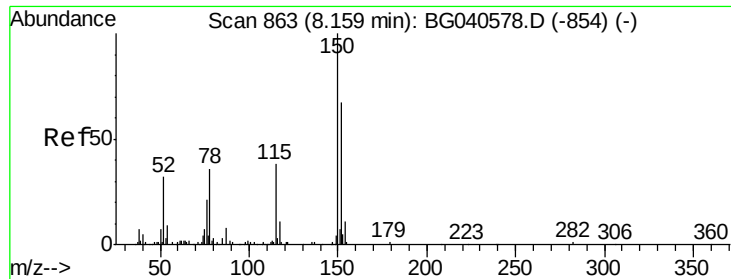
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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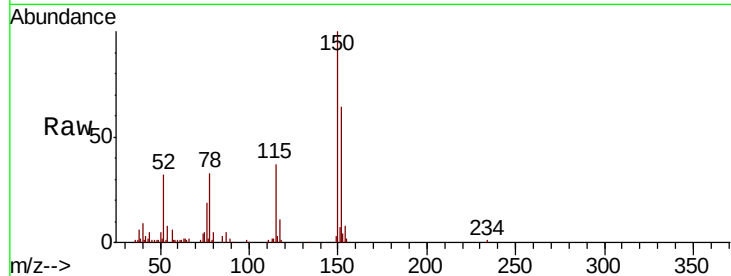


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BG040791.D
Acq: 8 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.4	186.6
115	57.8	50.6	76.0

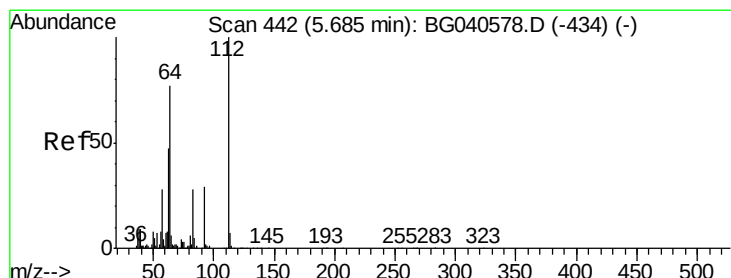
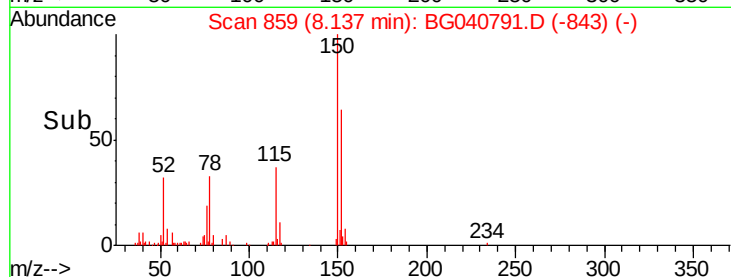
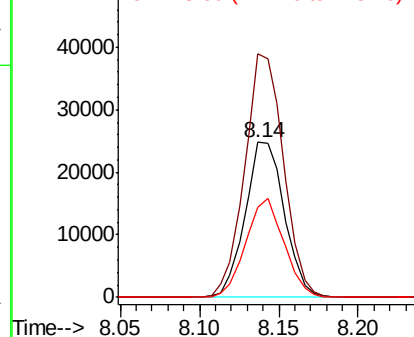


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

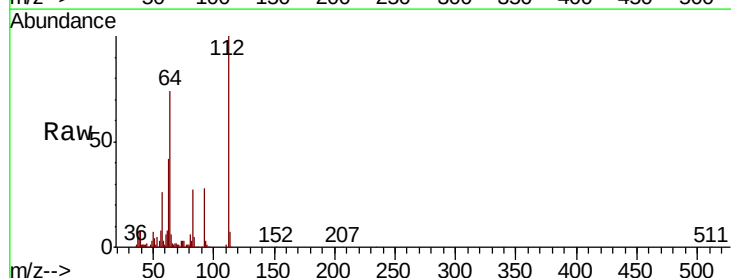
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 158.970 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.00 min
Lab File: BG040791.D
Acq: 8 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	59.8	89.8
63	42.4	37.4	56.0

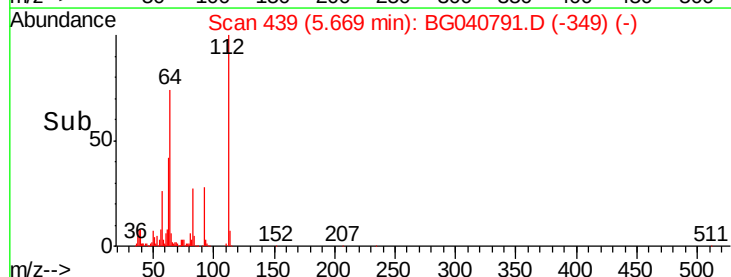
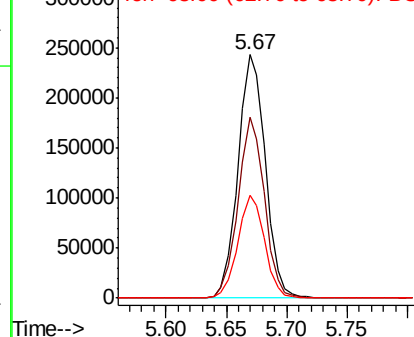


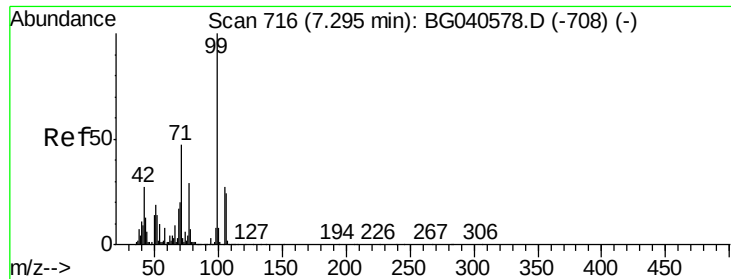
Abundance

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: 140.247 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG040791.D

Acq: 8 May 2019 17:06

Instrument :

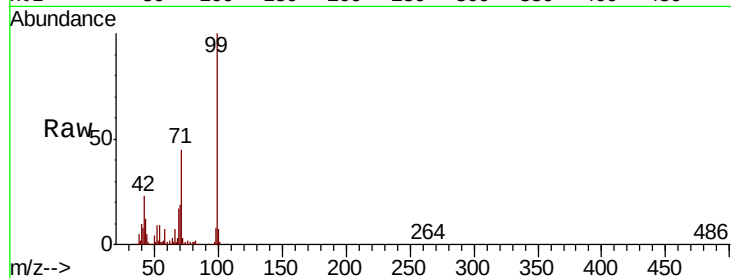
BNA_G

ClientSampleId :

TP-3

Tot Ion: 99 Resp: 521057

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.8	29.8
71	45.5	36.7	55.1

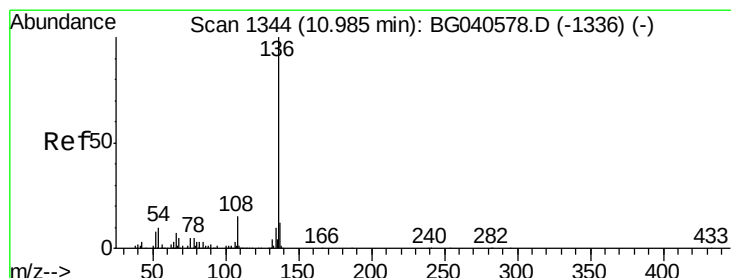
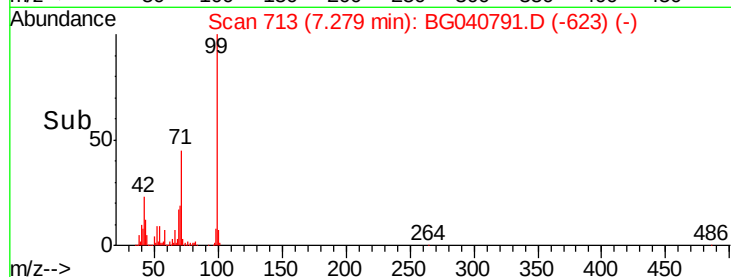
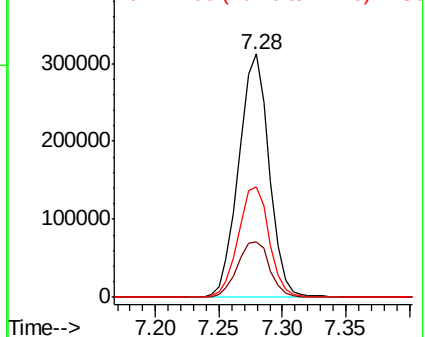


Abundance

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: 10.96 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BG040791.D

Acq: 8 May 2019 17:06

Tgt Ion: 136 Resp: 168339

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.0
54	10.6	7.8	11.8
68	5.5	4.5	6.7

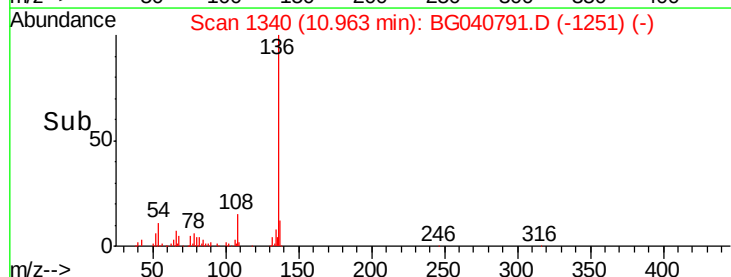
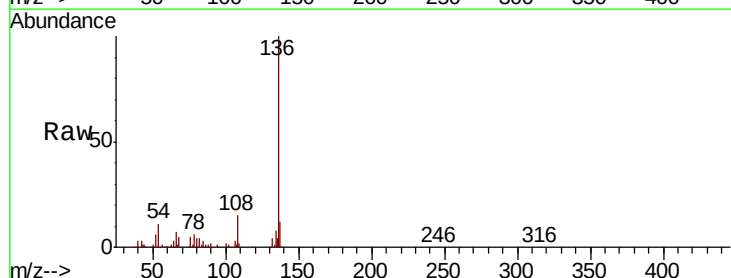
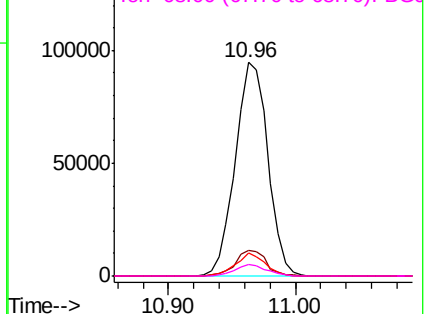
Abundance

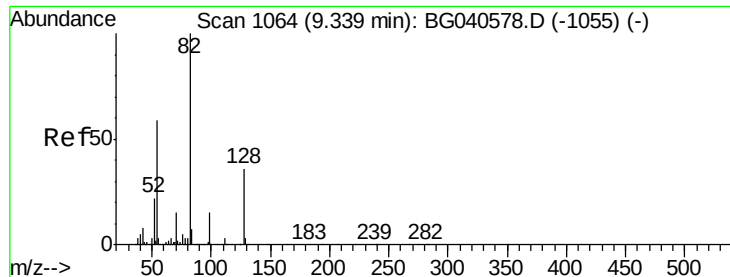
Ion 136.00 (135.70 to 136.70): BGC

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

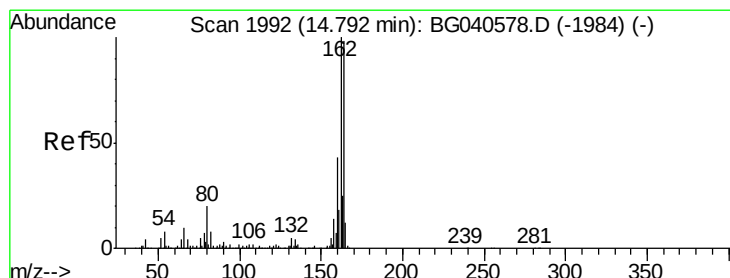
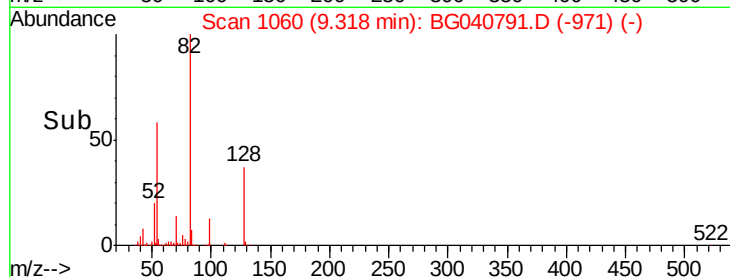
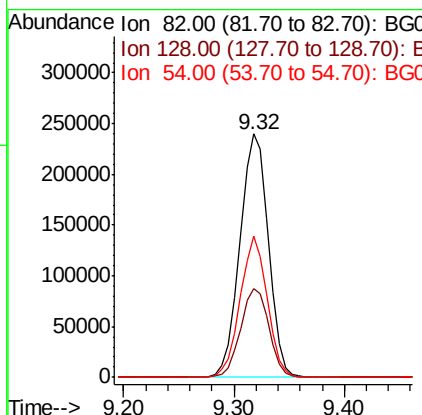
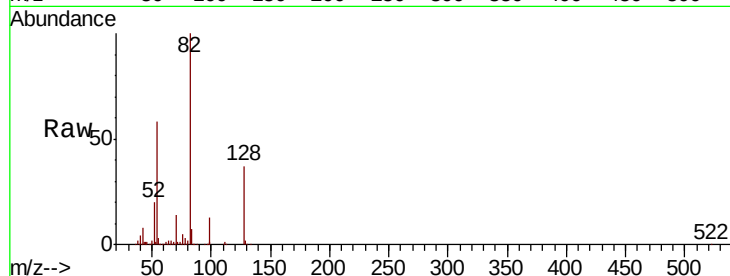




#23
 Nitrobenzene-d5
 Concen: 119.494 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG040791.D
 Acq: 8 May 2019 17:06

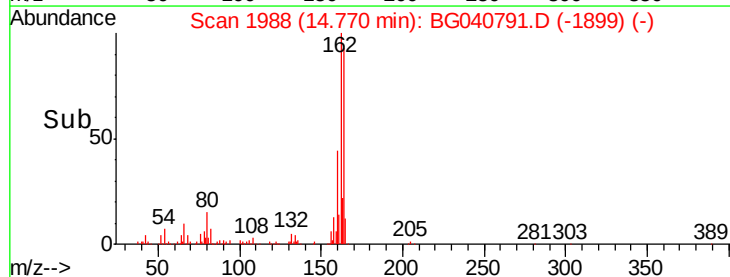
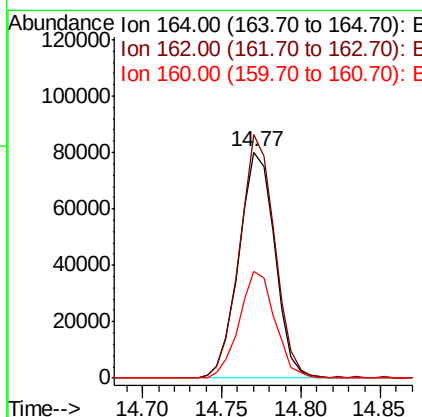
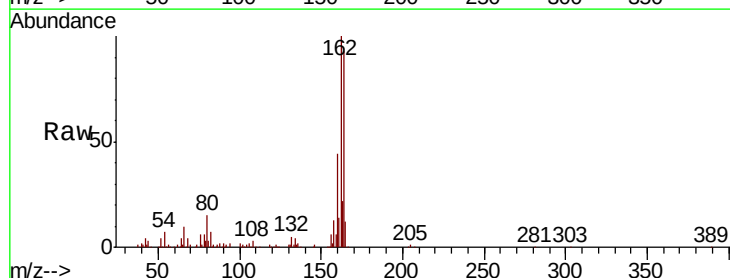
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

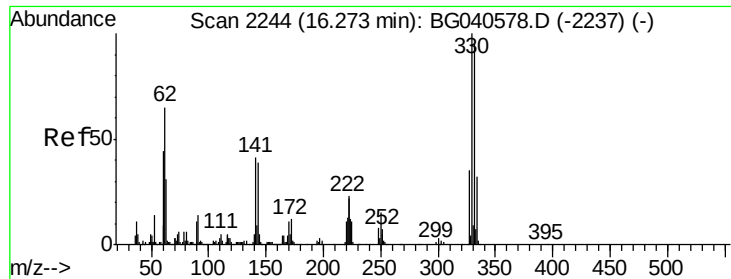
Tot Ion: 82 Resp: 435342
 Ion Ratio Lower Upper
 82 100
 128 36.7 30.7 46.1
 54 58.1 45.0 67.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BG040791.D
 Acq: 8 May 2019 17:06

Tgt Ion: 164 Resp: 126156
 Ion Ratio Lower Upper
 164 100
 162 107.6 82.6 124.0
 160 47.1 35.8 53.8

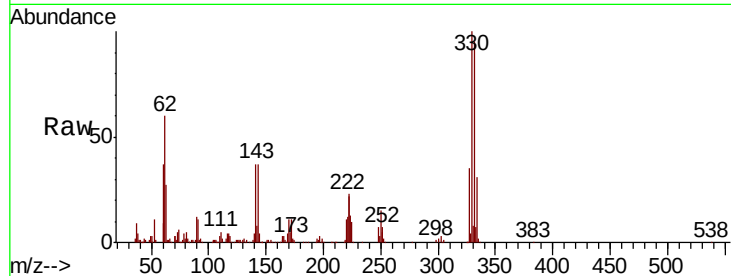




#42
 2,4,6-Tribromophenol
 Concen: 178.913 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG040791.D
 Acq: 8 May 2019 17:06

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.5	114.7
141	38.3	28.8	43.2

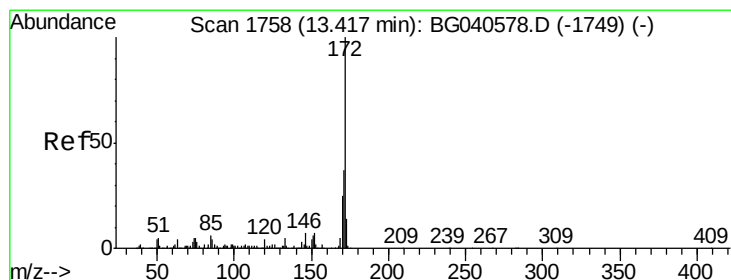
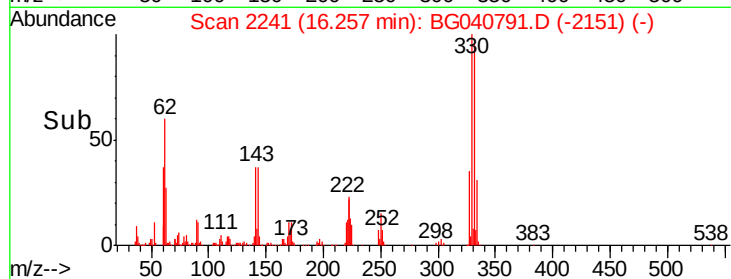
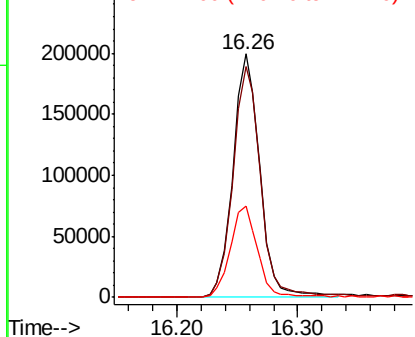


Abundance

Ion 329.80 (329.50 to 330.50): E

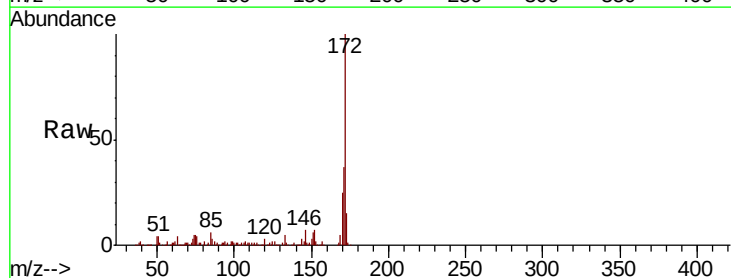
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 108.774 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG040791.D
 Acq: 8 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.4	45.6
170	25.3	20.1	30.1

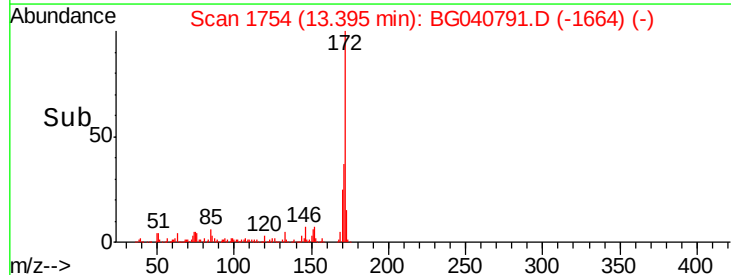
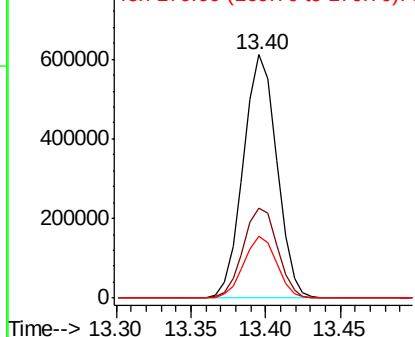


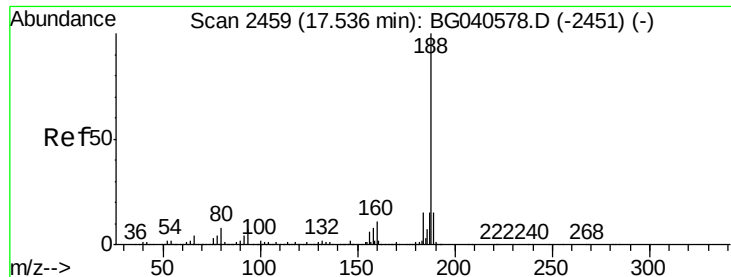
Abundance

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. -0.00 min

Lab File: BG040791.D

Acq: 8 May 2019 17:06

Instrument :

BNA_G

ClientSampleId :

TP-3

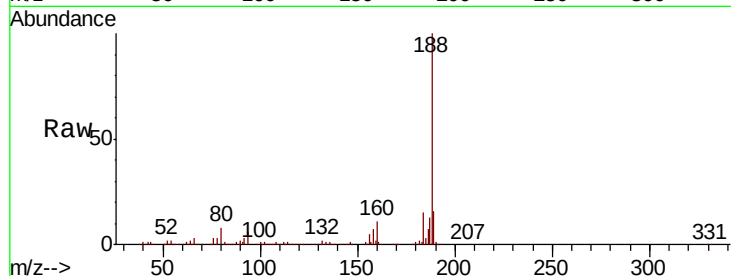
Tot Ion:188 Resp: 371892

Ion Ratio Lower Upper

188 100

94 6.2 5.0 7.6

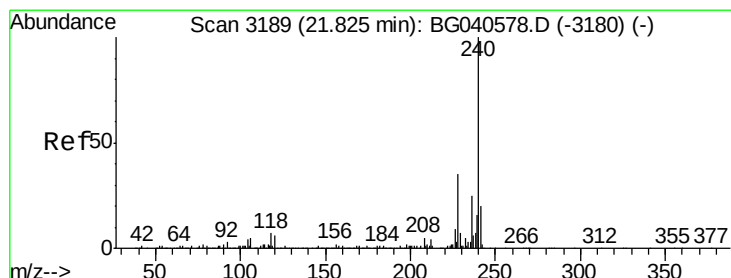
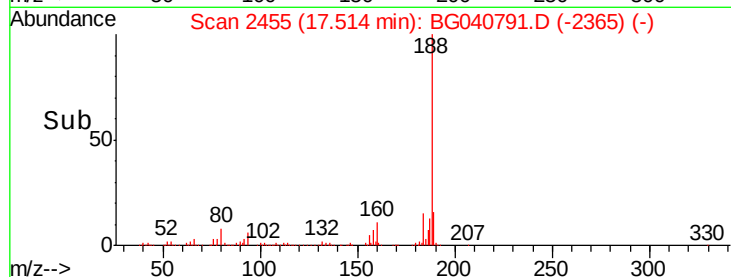
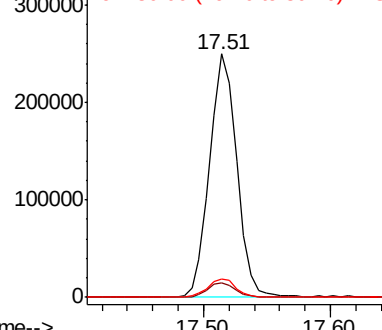
80 7.7 6.5 9.7



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. -0.00 min

Lab File: BG040791.D

Acq: 8 May 2019 17:06

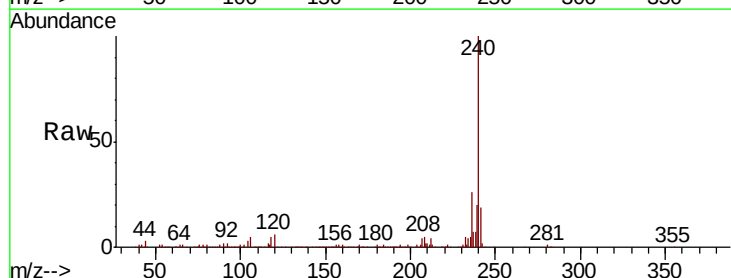
Tgt Ion:240 Resp: 362873

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

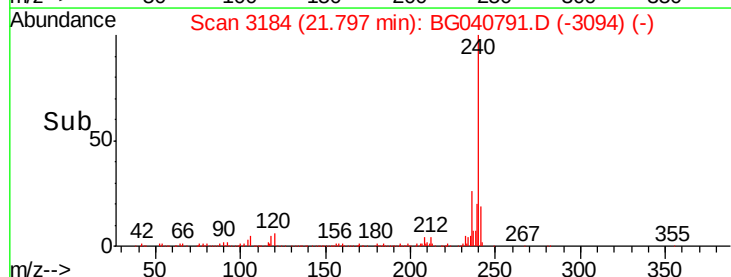
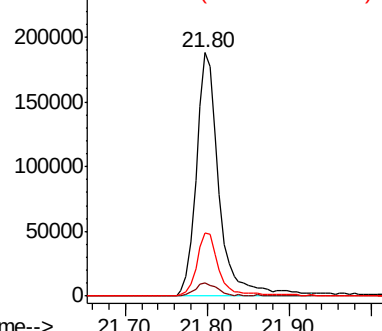
236 25.7 21.2 31.8

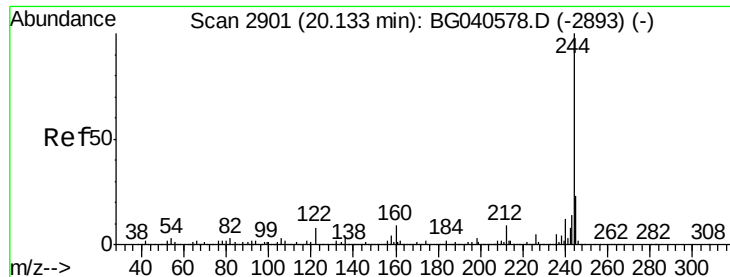


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 121.011 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG040791.D

Acq: 8 May 2019 17:06

Instrument :

BNA_G

ClientSampleId :

TP-3

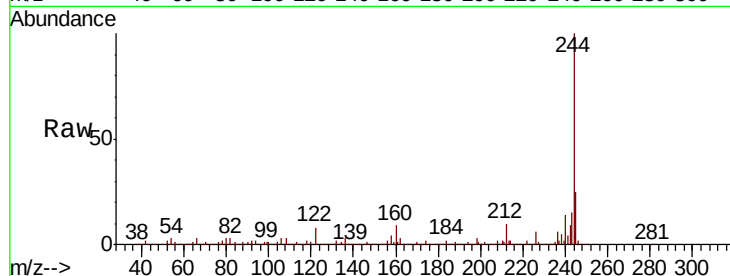
Tot Ion:244 Resp: 1982086

Ion Ratio Lower Upper

244 100

212 9.9 7.4 11.0

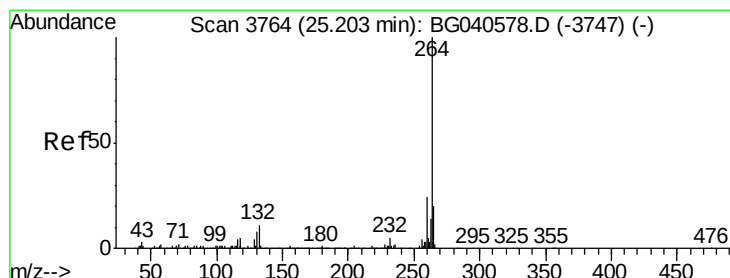
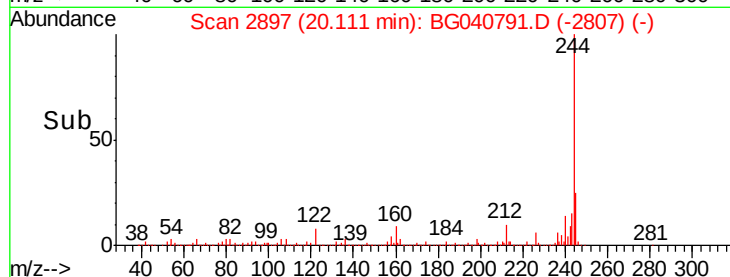
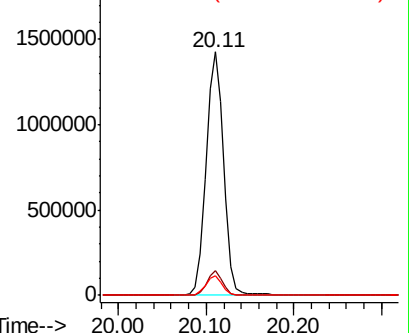
122 8.3 5.8 8.8



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: 25.15 min Scan# 3755

Delta R.T. -0.01 min

Lab File: BG040791.D

Acq: 8 May 2019 17:06

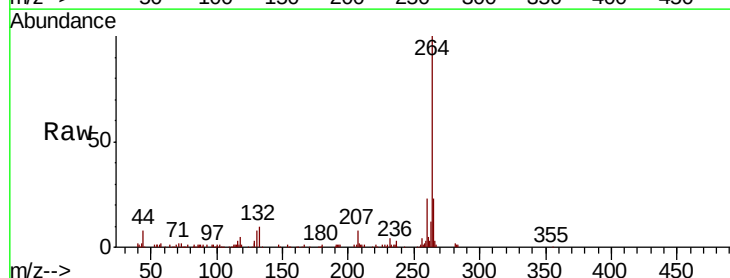
Tgt Ion:264 Resp: 252047

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.6 17.0 25.6



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

