

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
 Data File : BG040183.D
 Acq On : 27 Mar 2019 22:24
 Operator : JU/SJ
 Sample : PB118273BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118273BL

Quant Time: Mar 28 06:53:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49826	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	198281	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	121845	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	309003	20.00	ng	0.00
76) Chrysene-d12	21.72	240	378391	20.00	ng	-0.01
87) Perylene-d12	25.02	264	382239	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	381139	127.16	ng	0.00
7) Phenol-d6	7.22	99	519897	125.51	ng	0.00
23) Nitrobenzene-d5	9.25	82	309860	83.06	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	174886	132.81	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	706410	85.91	ng	0.00
79) Terphenyl-d14	20.04	244	1327272	78.91	ng	0.00

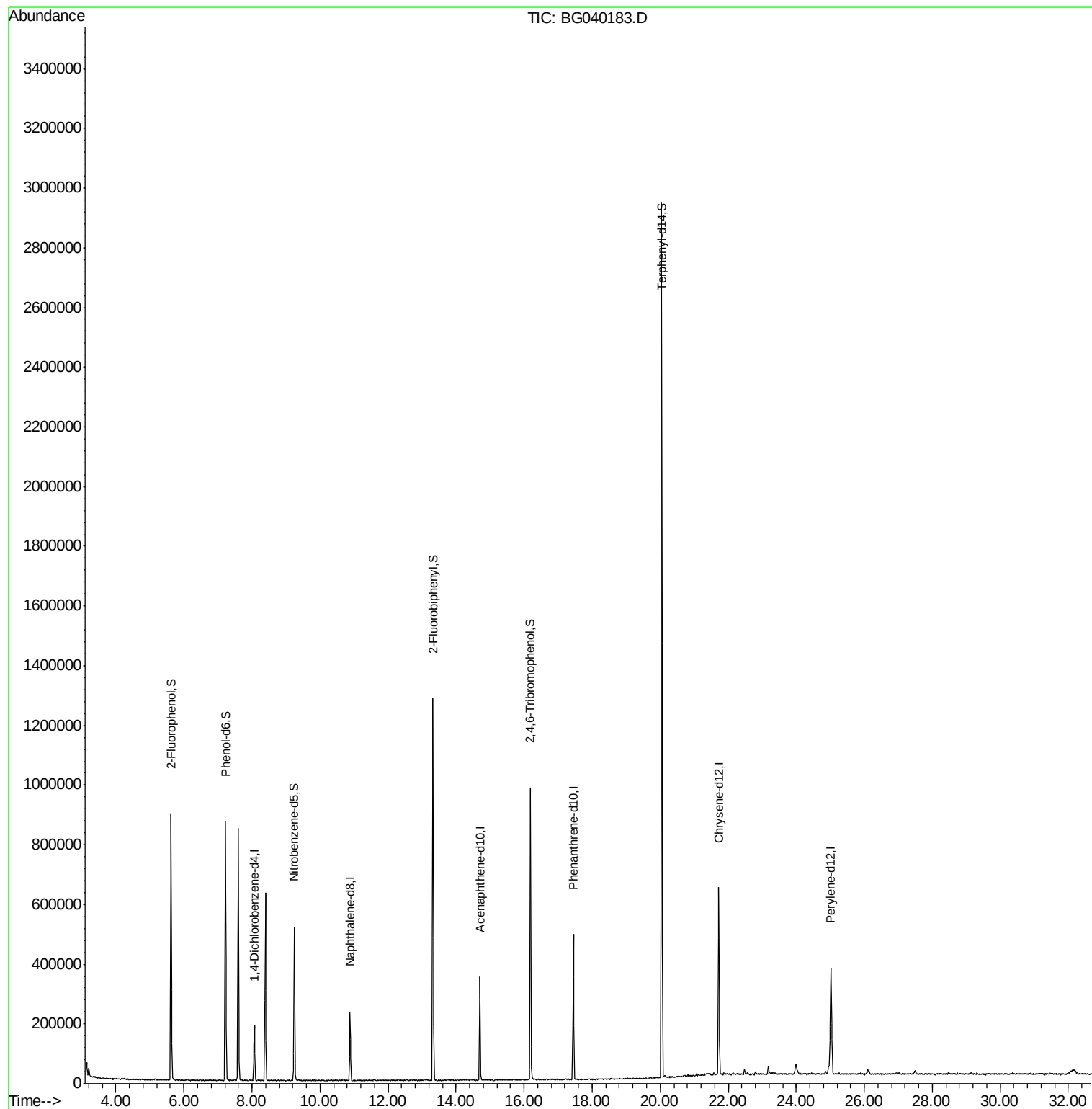
Target Compounds Qvalue

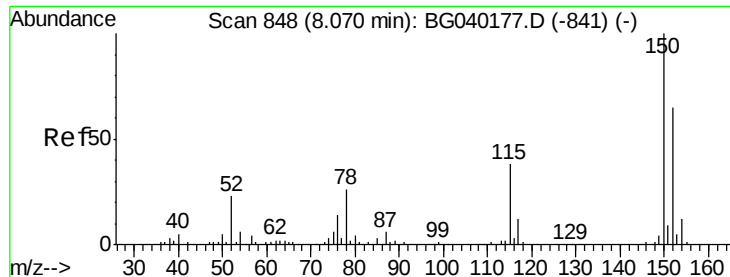
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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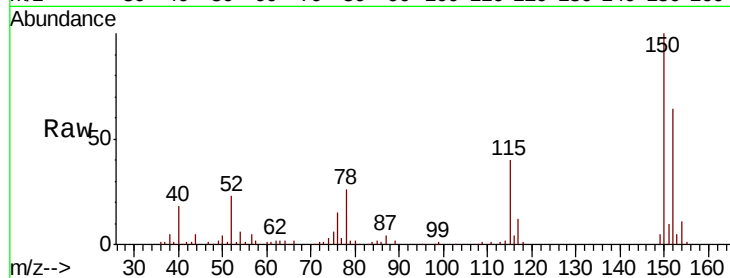


#1

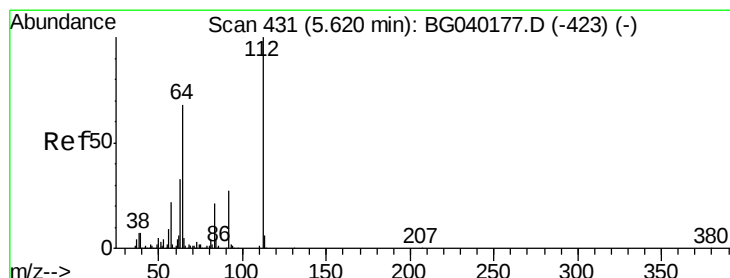
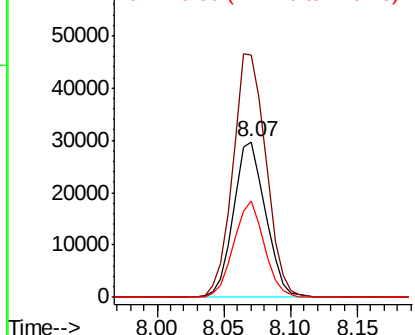
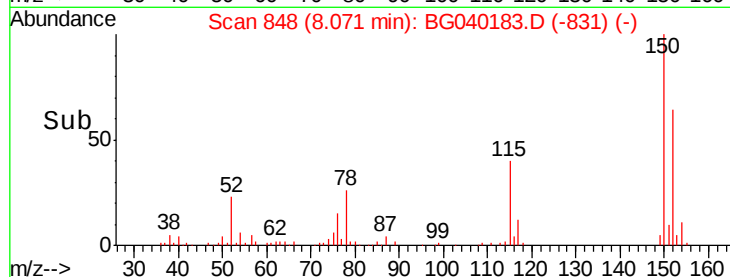
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040183.D
Acq: 27 Mar 2019 22:24

Instrument :
BNA_G
ClientSampleId :
PB118273BL

Tot Ion:152 Resp: 49826
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 61.6 46.9 70.3



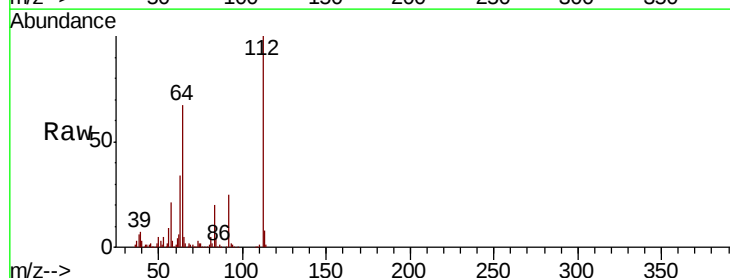
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



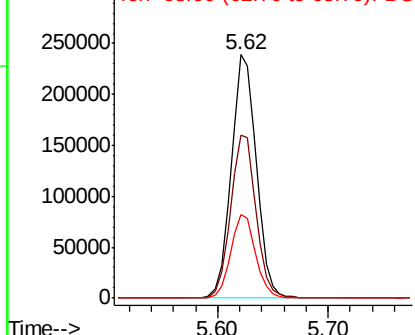
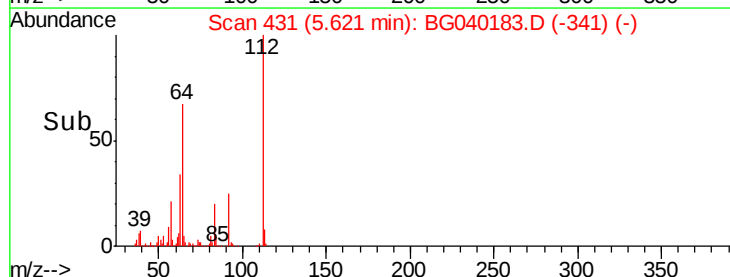
#5

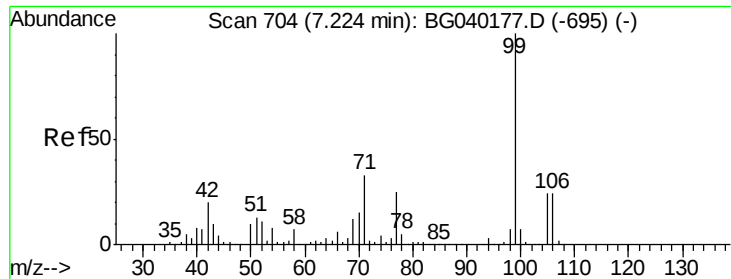
2-Fluorophenol
Concen: 127.165 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040183.D
Acq: 27 Mar 2019 22:24

Tgt Ion:112 Resp: 381139
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.2
63 34.2 26.4 39.6



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: 125.512 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040183.D

Acq: 27 Mar 2019 22:24

Instrument :

BNA_G

ClientSampleId :

PB118273BL

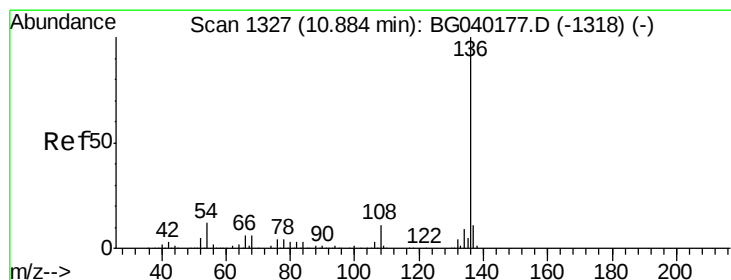
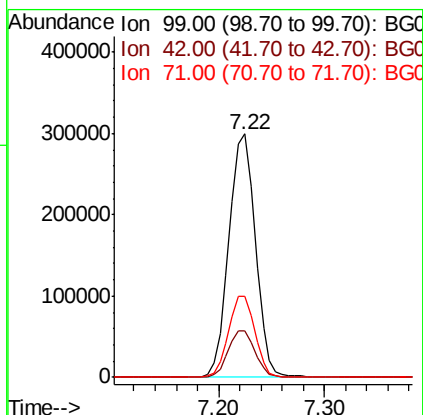
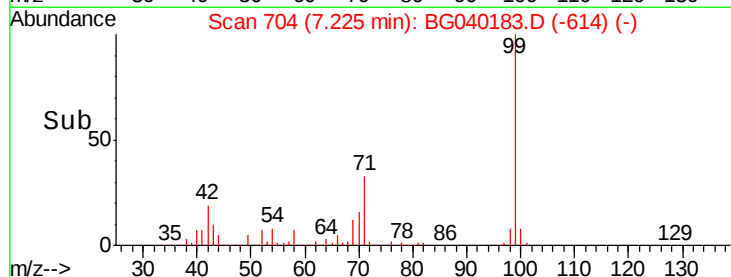
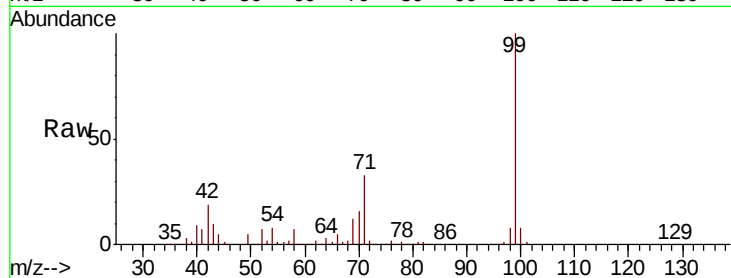
Tot Ion: 99 Resp: 519897

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

71 33.1 26.8 40.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BG040183.D

Acq: 27 Mar 2019 22:24

Tgt Ion: 136 Resp: 198281

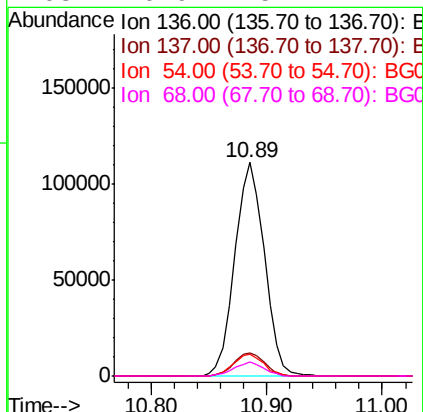
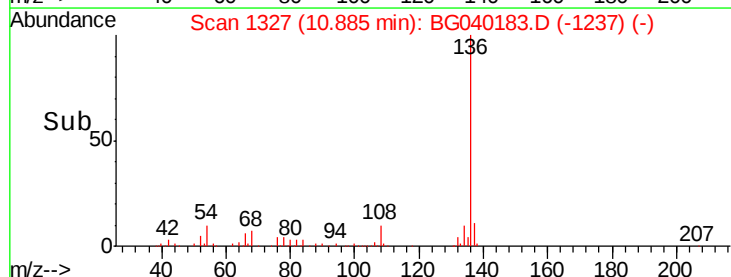
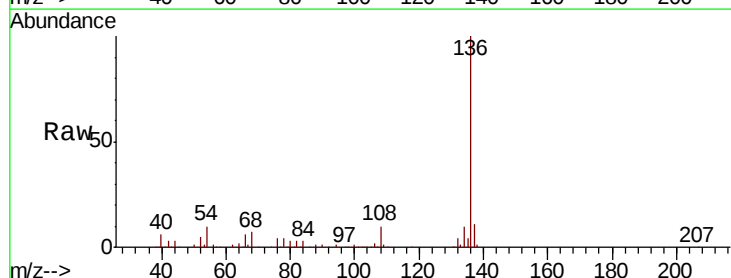
Ion Ratio Lower Upper

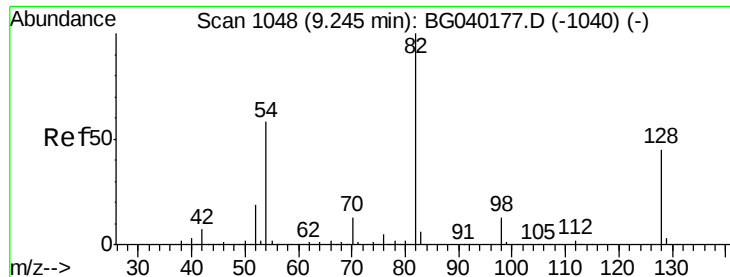
136 100

137 11.1 8.9 13.3

54 10.1 9.6 14.4

68 6.9 5.1 7.7

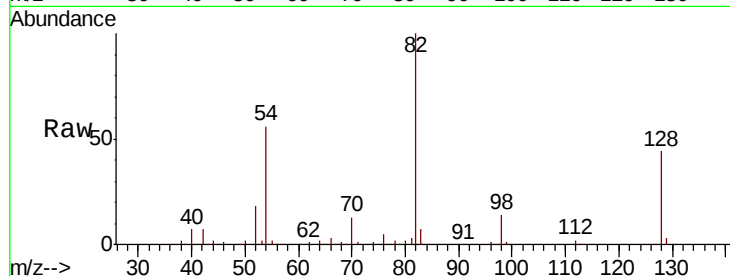




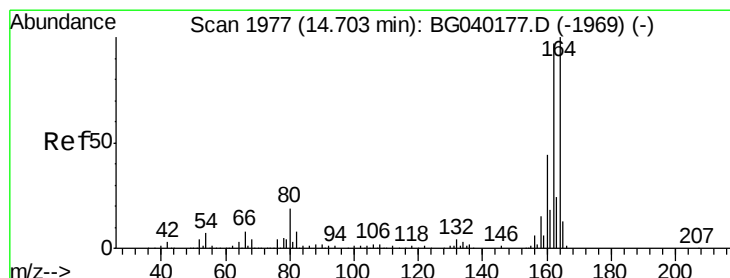
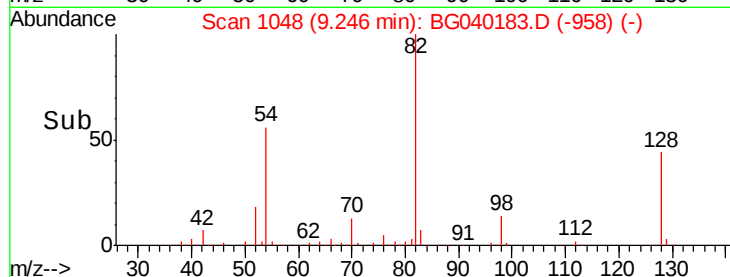
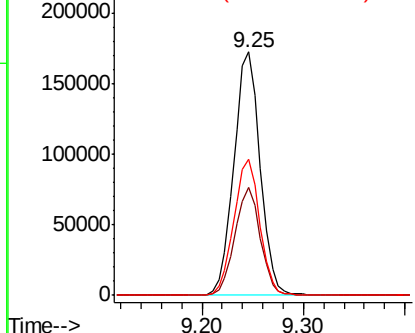
#23
Nitrobenzene-d5
Concen: 83.064 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040183.D
Acq: 27 Mar 2019 22:24

Instrument :
BNA_G
ClientSampleId :
PB118273BL

Tot Ion: 82 Resp: 309860
Ion Ratio Lower Upper
82 100
128 44.3 35.8 53.8
54 55.8 46.2 69.2

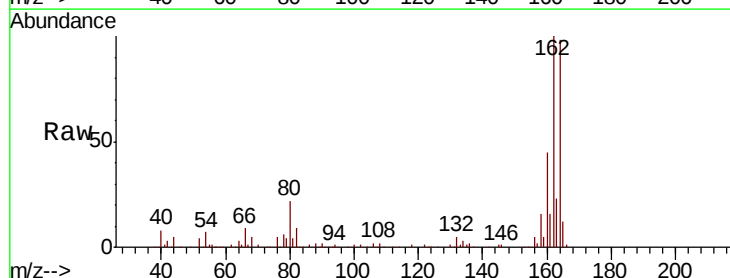


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

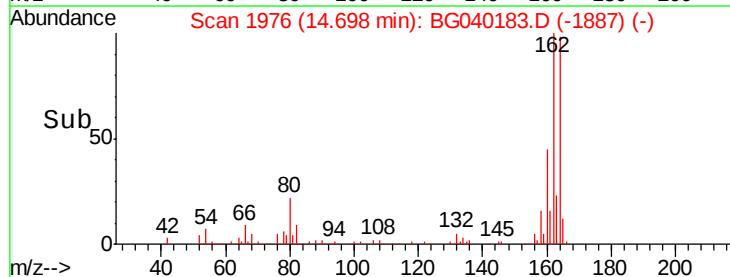
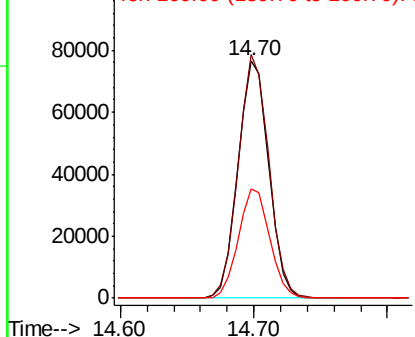


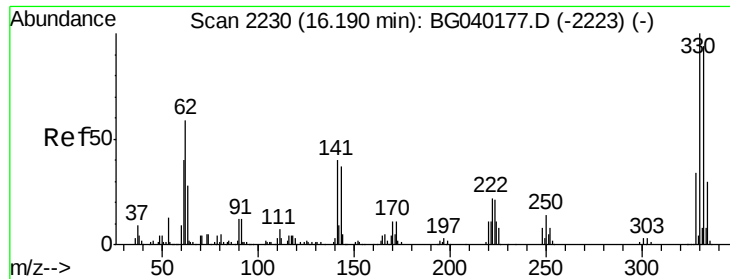
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG040183.D
Acq: 27 Mar 2019 22:24

Tgt Ion: 164 Resp: 121845
Ion Ratio Lower Upper
164 100
162 102.5 77.4 116.2
160 45.8 35.3 52.9



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

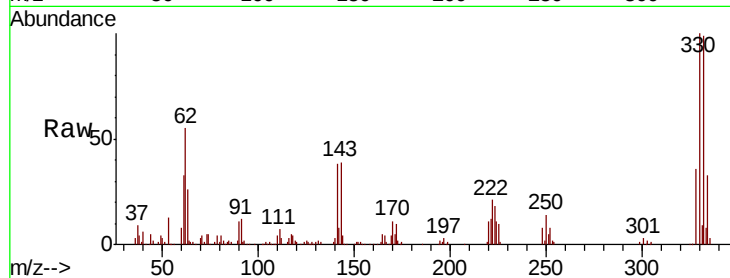




#42
 2,4,6-Tribromophenol
 Concen: 132.809 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG040183.D
 Acq: 27 Mar 2019 22:24

Instrument :
 BNA_G
 ClientSampleId :
 PB118273BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	40.7	32.6	48.8

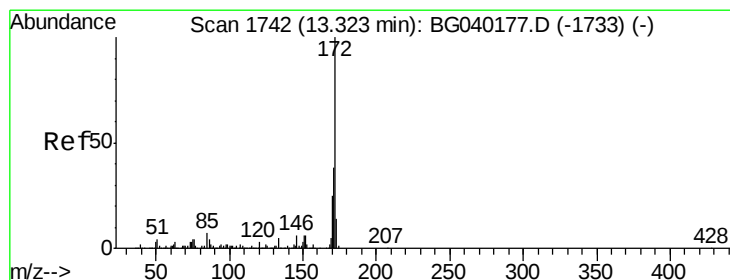
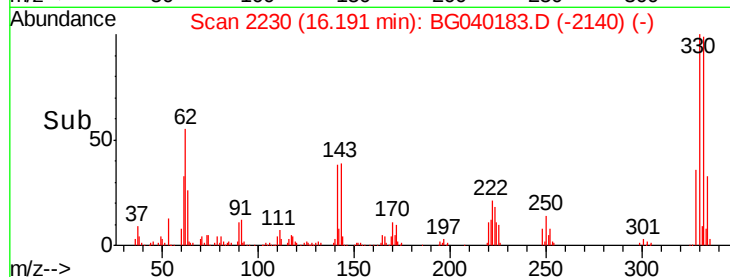
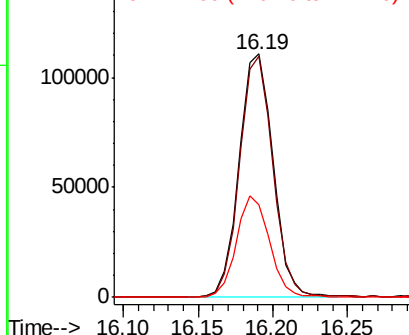


Abundance

Ion 329.80 (329.50 to 330.50): E

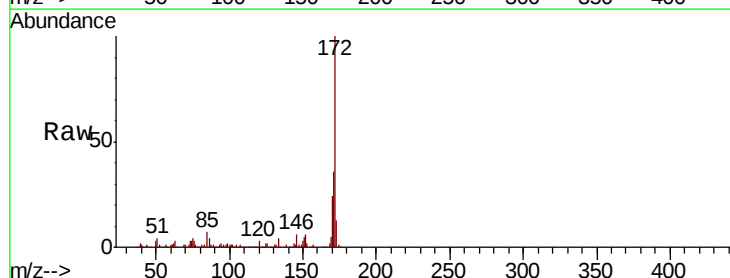
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.907 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG040183.D
 Acq: 27 Mar 2019 22:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.9	20.1	30.1

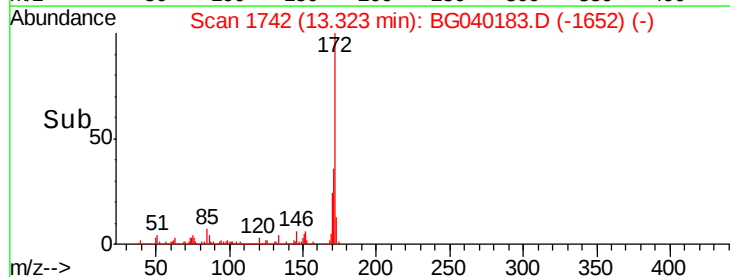
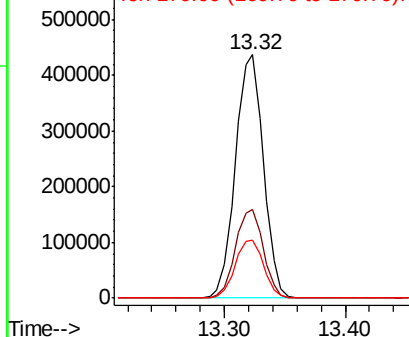


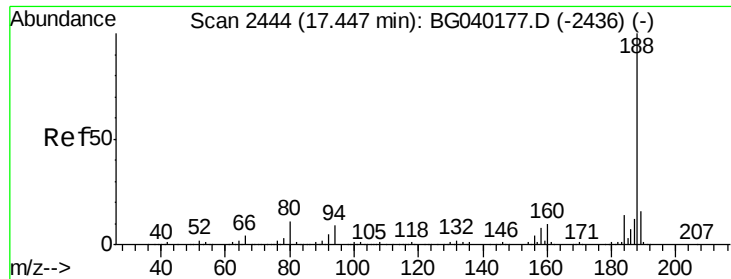
Abundance

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

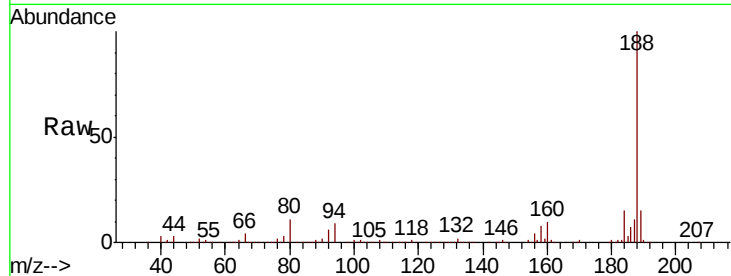




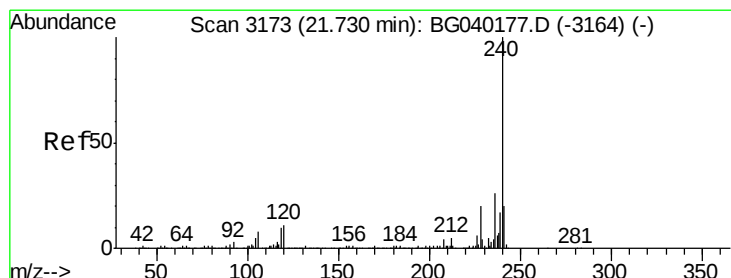
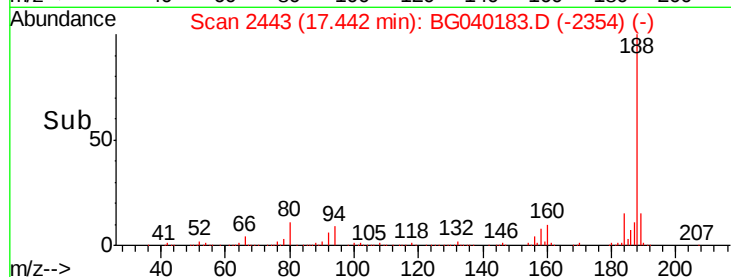
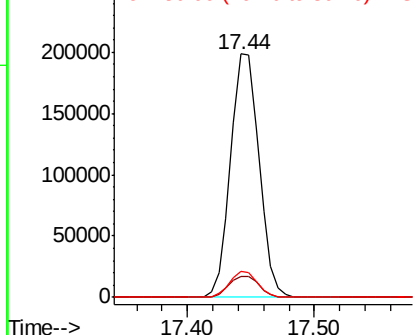
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG040183.D
Acq: 27 Mar 2019 22:24

Instrument :
BNA_G
ClientSampled :
PB118273BL

Tot Ion:188 Resp: 309003
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 10.5 8.6 13.0

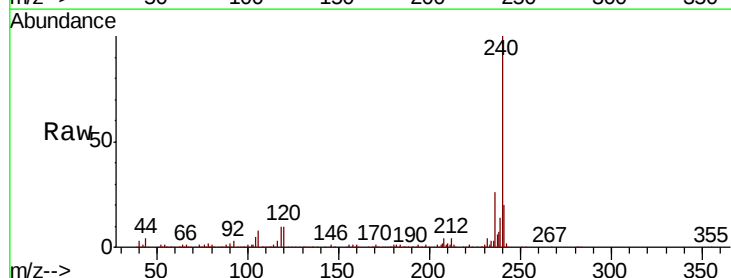


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

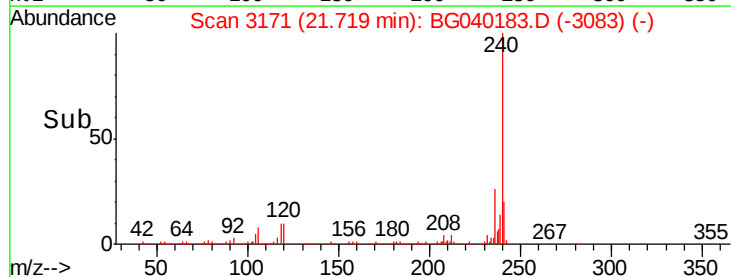
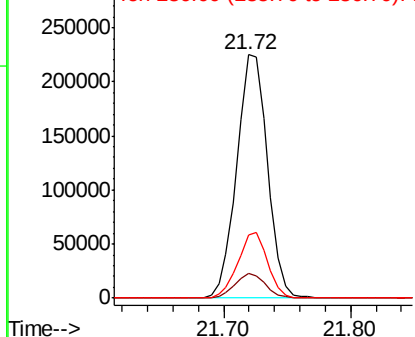


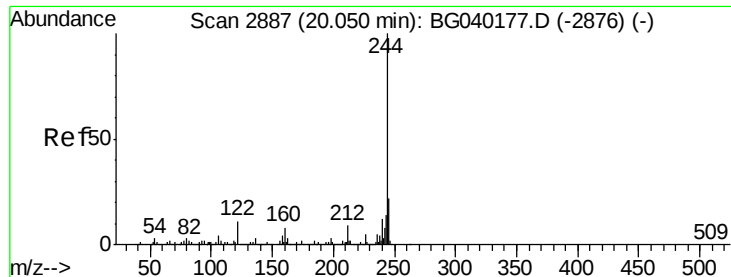
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG040183.D
Acq: 27 Mar 2019 22:24

Tgt Ion:240 Resp: 378391
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 25.8 20.8 31.2



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: 78.910 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040183.D

Acq: 27 Mar 2019 22:24

Instrument :

BNA_G

ClientSampleId :

PB118273BL

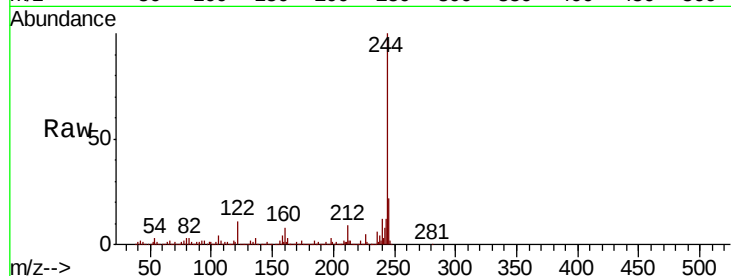
Tot Ion:244 Resp: 1327272

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

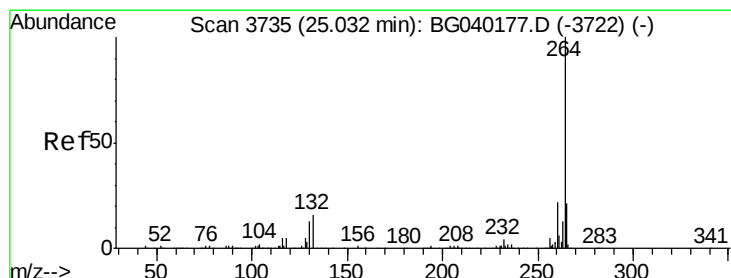
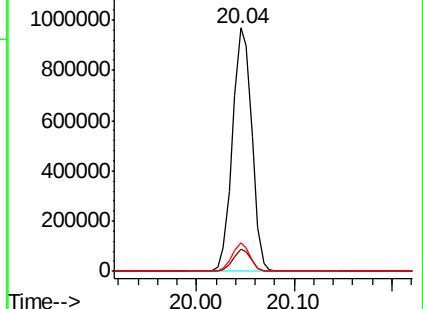
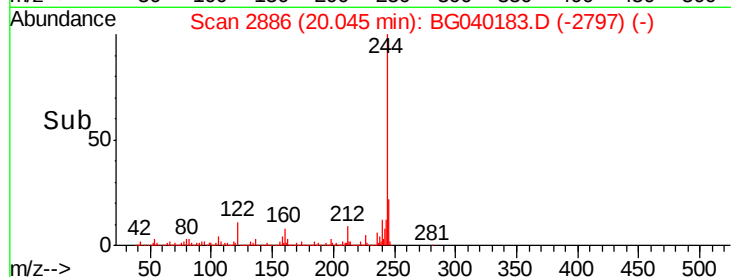
122 11.5 8.5 12.7



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: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040183.D

Acq: 27 Mar 2019 22:24

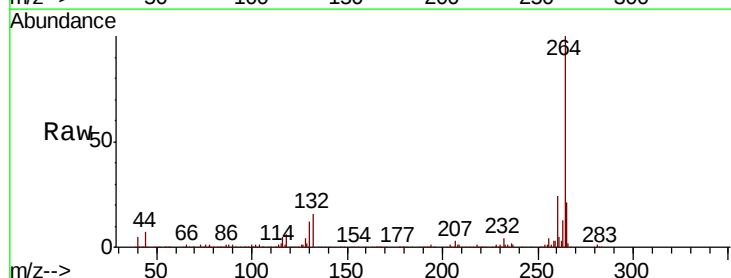
Tgt Ion:264 Resp: 382239

Ion Ratio Lower Upper

264 100

260 24.3 17.9 26.9

265 20.5 16.8 25.2



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

