

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040790.D
 Acq On : 8 May 2019 15:09
 Operator : HP/JU
 Sample : PB119331TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119331TB

Quant Time: May 08 17:54:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed 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	8.15	152	48435	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	196054	20.00	ng	0.00
39) Acenaphthene-d10	14.77	164	148054	20.00	ng	0.00
64) Phenanthrene-d10	17.51	188	430003	20.00	ng	0.00
76) Chrysene-d12	21.79	240	428694	20.00	ng	0.00
87) Perylene-d12	25.16	264	343321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	376511	137.03	ng	0.00
7) Phenol-d6	7.28	99	543779	128.53	ng	0.00
23) Nitrobenzene-d5	9.32	82	373576	88.04	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	275905	135.58	ng	0.00
45) 2-Fluorobiphenyl	13.39	172	840334	81.97	ng	0.00
79) Terphenyl-d14	20.11	244	1768768	91.41	ng	0.00

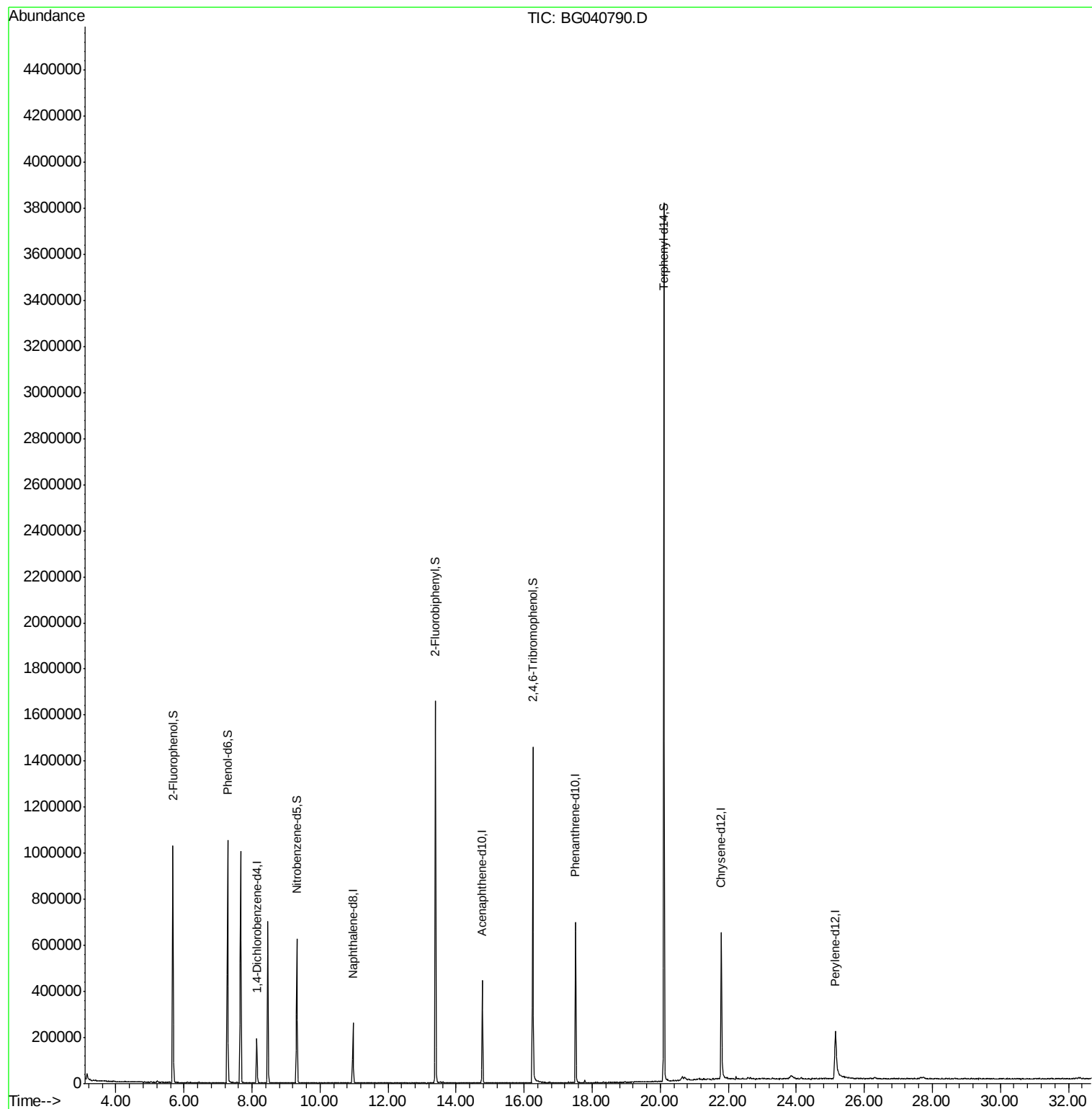
Target Compounds Qvalue

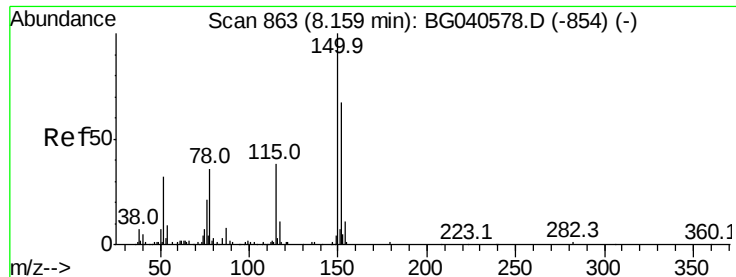
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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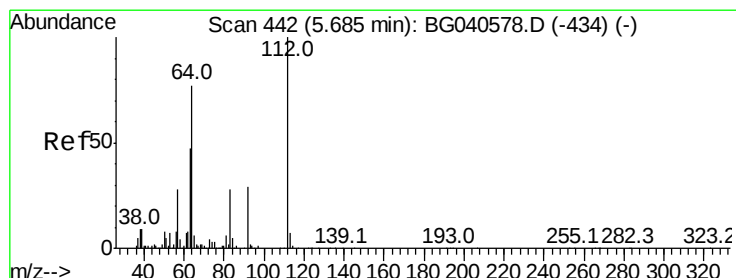
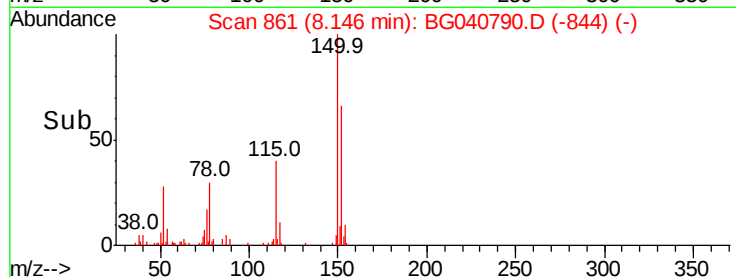
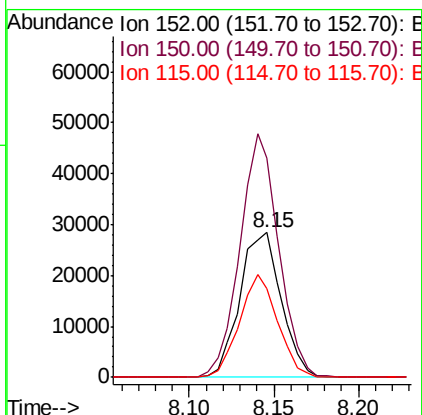
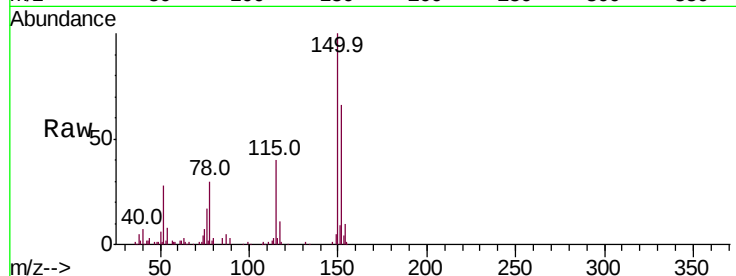


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BG040790.D
Acq: 8 May 2019 15:09

Instrument :
BNA_G
ClientSampleId :
PB119331TB

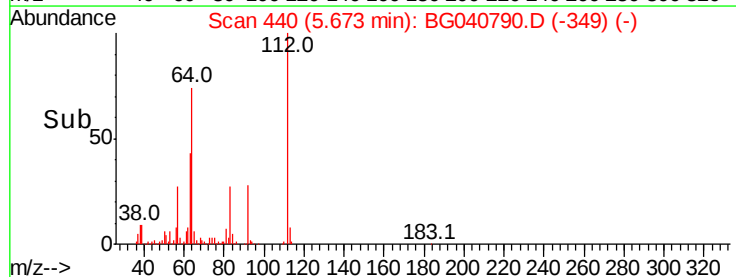
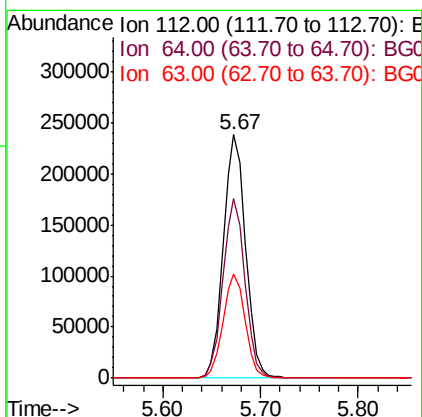
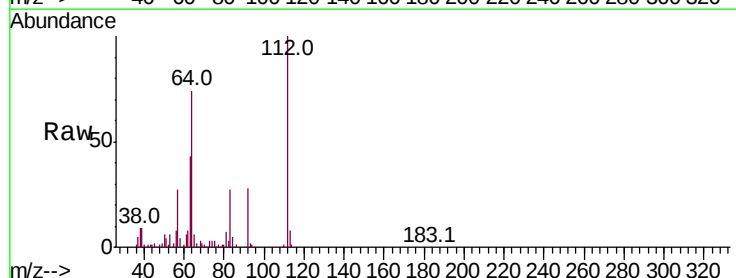
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.4	186.6
115	60.9	50.6	76.0

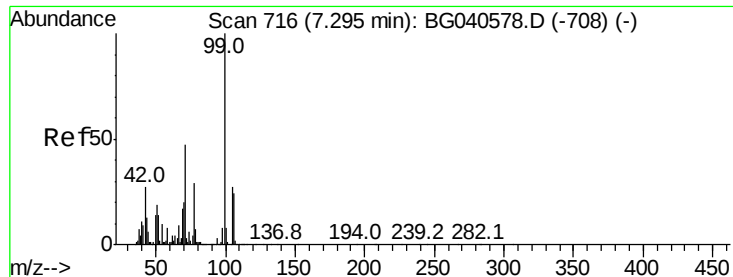


#5

2-Fluorophenol
Concen: 137.029 ng
RT: 5.67 min Scan# 440
Delta R.T. 0.00 min
Lab File: BG040790.D
Acq: 8 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	59.8	89.8
63	42.6	37.4	56.0





#7

Phenol-d6

Concen: 128.534 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG040790.D

Acq: 8 May 2019 15:09

Instrument :

BNA_G

ClientSampleId :

PB119331TB

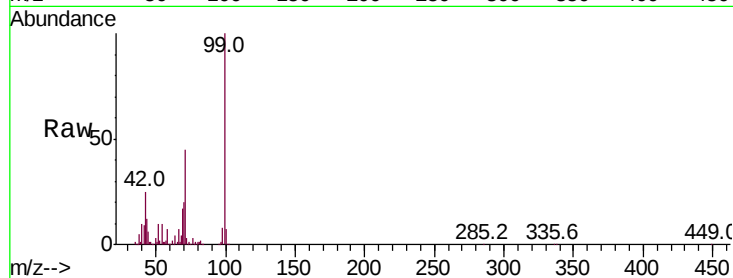
Tot Ion: 99 Resp: 543779

Ion Ratio Lower Upper

99 100

42 24.9 19.8 29.8

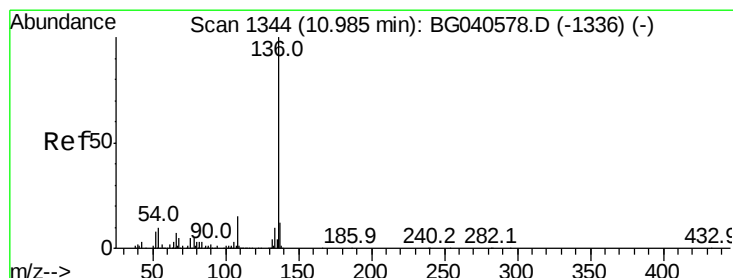
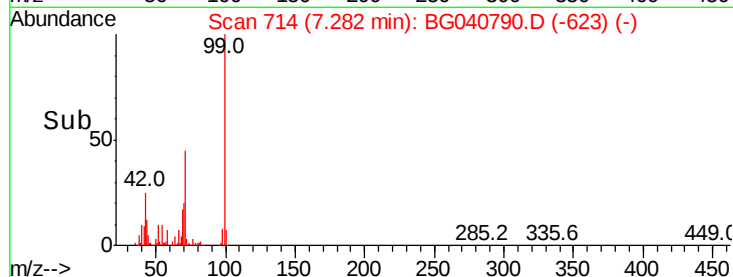
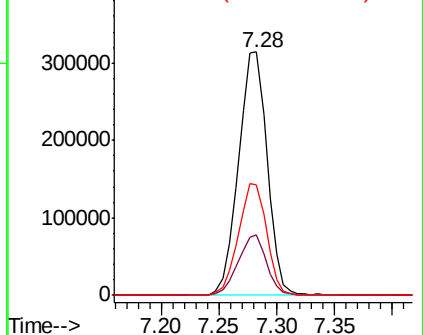
71 45.5 36.7 55.1



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: 10.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BG040790.D

Acq: 8 May 2019 15:09

Tgt Ion:136 Resp: 196054

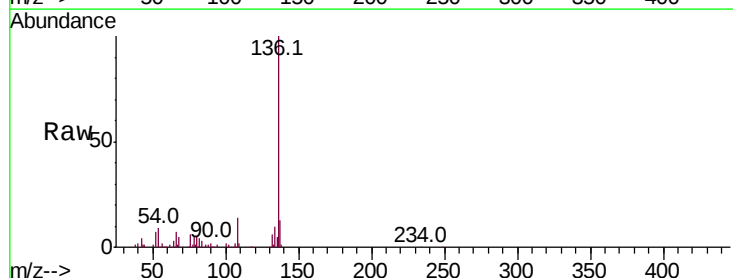
Ion Ratio Lower Upper

136 100

137 12.6 9.4 14.0

54 9.1 7.8 11.8

68 5.0 4.5 6.7

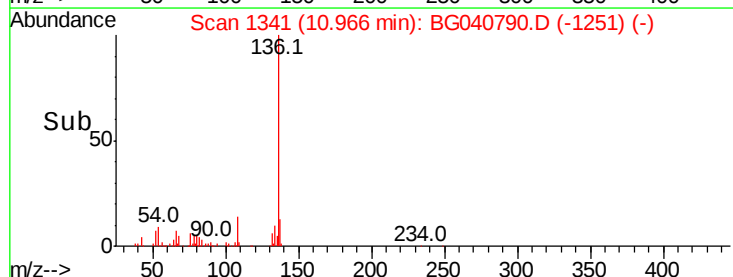
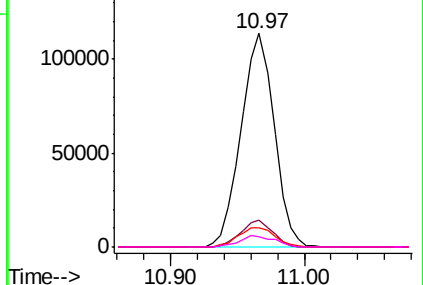


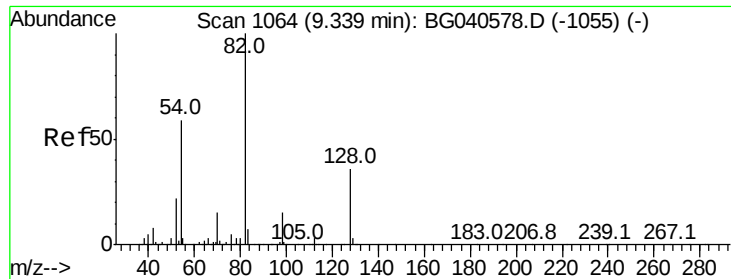
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

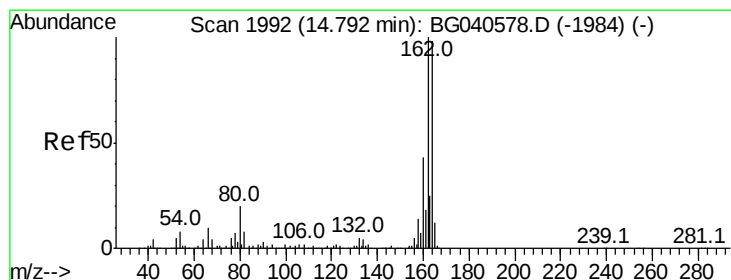
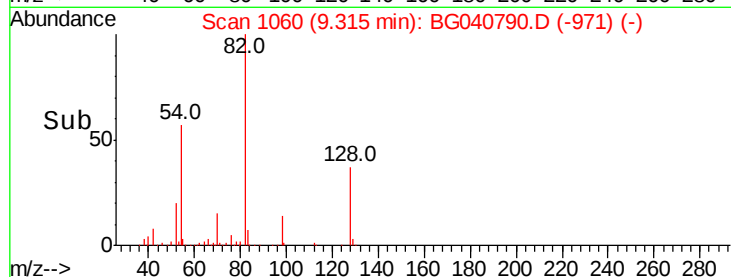
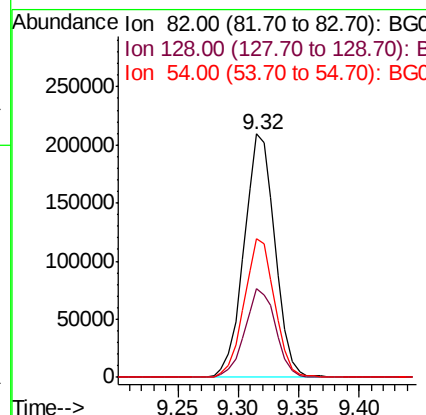
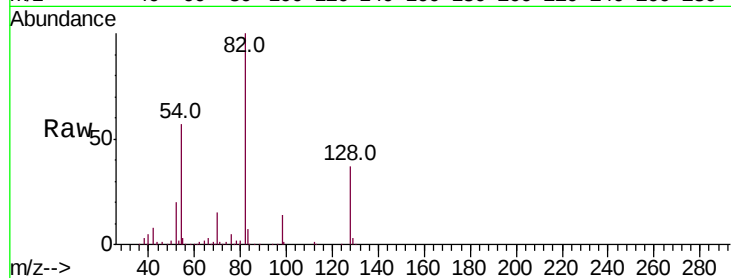




#23
Nitrobenzene-d5
Concen: 88.045 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG040790.D
Acq: 8 May 2019 15:09

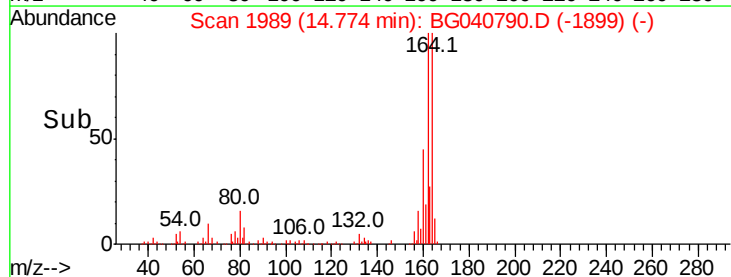
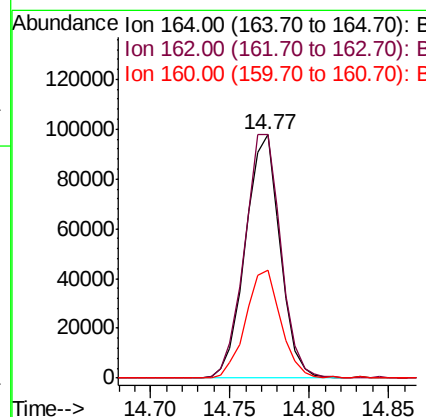
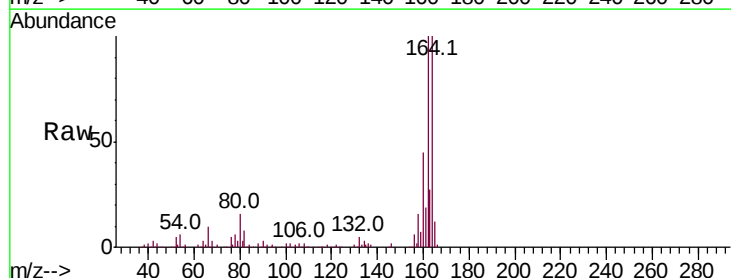
Instrument :
BNA_G
ClientSampleId :
PB119331TB

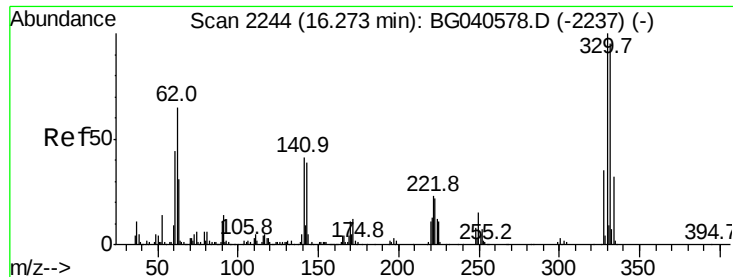
Tot Ion: 82 Resp: 373576
Ion Ratio Lower Upper
82 100
128 36.6 30.7 46.1
54 57.1 45.0 67.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG040790.D
Acq: 8 May 2019 15:09

Tgt Ion: 164 Resp: 148054
Ion Ratio Lower Upper
164 100
162 100.0 82.6 124.0
160 44.6 35.8 53.8

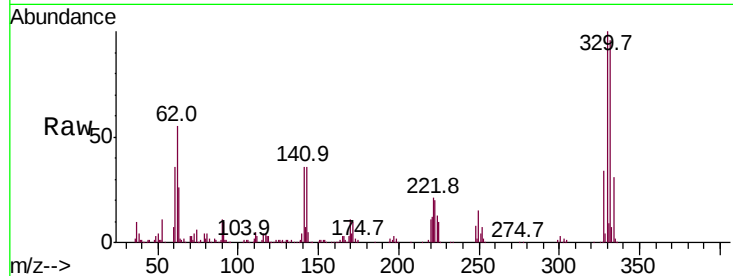




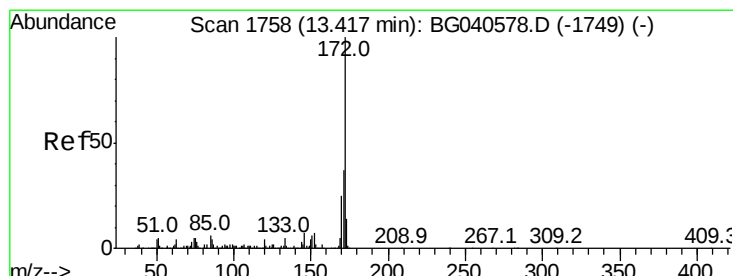
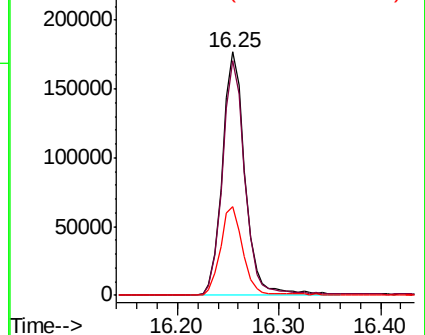
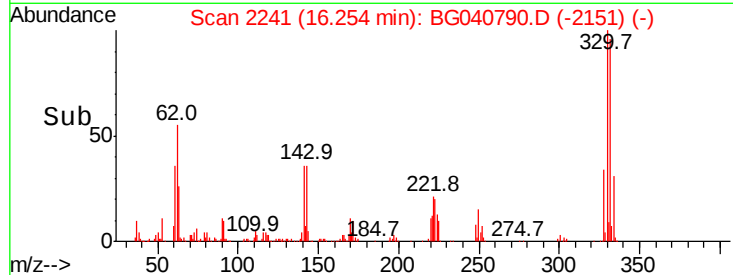
#42
 2,4,6-Tribromophenol
 Concen: 135.577 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG040790.D
 Acq: 8 May 2019 15:09

Instrument :
 BNA_G
 ClientSampleId :
 PB119331TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.5	114.7
141	35.6	28.8	43.2

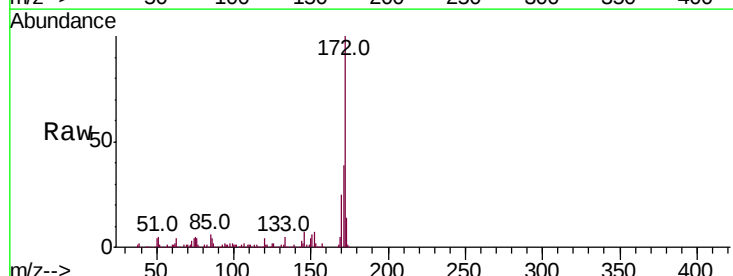


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

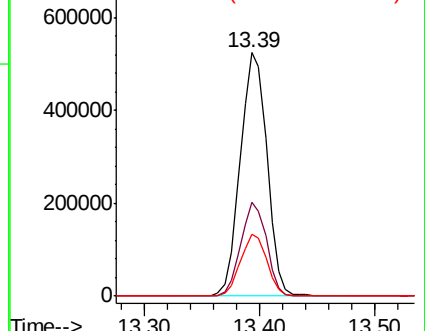
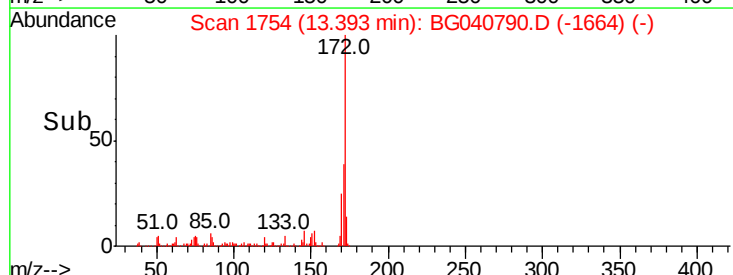


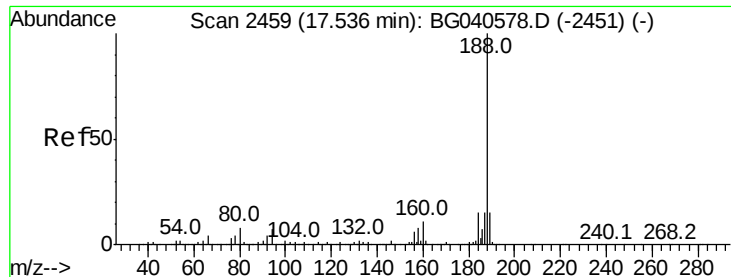
#45
 2-Fluorobiphenyl
 Concen: 81.971 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG040790.D
 Acq: 8 May 2019 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.4	45.6
170	25.5	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: BG040790.D

Acq: 8 May 2019 15:09

Instrument :

BNA_G

ClientSampleId :

PB119331TB

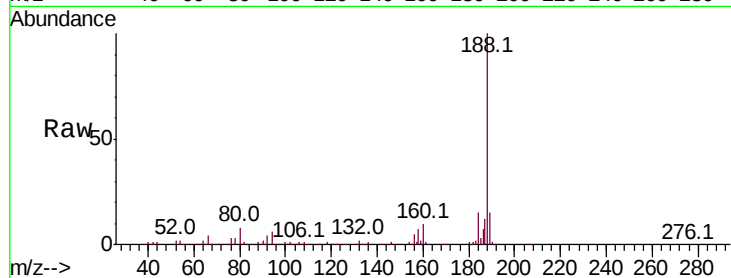
Tot Ion:188 Resp: 430003

Ion Ratio Lower Upper

188 100

94 6.3 5.0 7.6

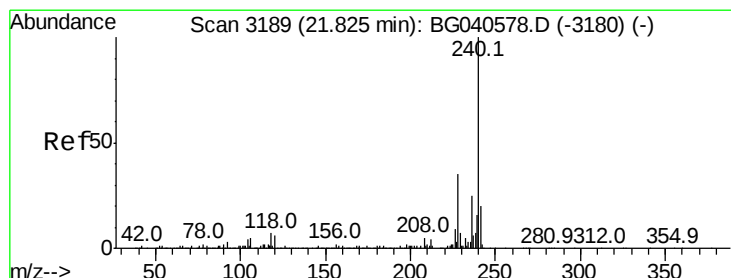
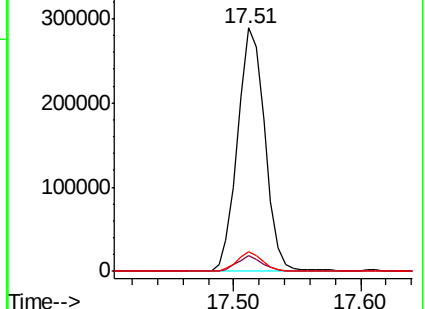
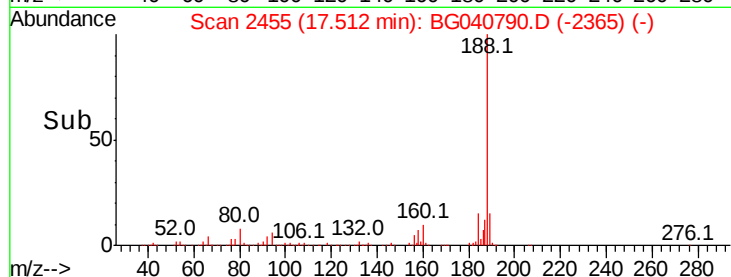
80 7.8 6.5 9.7



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: 21.79 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG040790.D

Acq: 8 May 2019 15:09

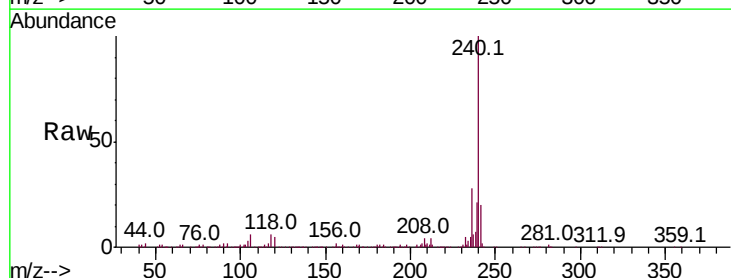
Tgt Ion:240 Resp: 428694

Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

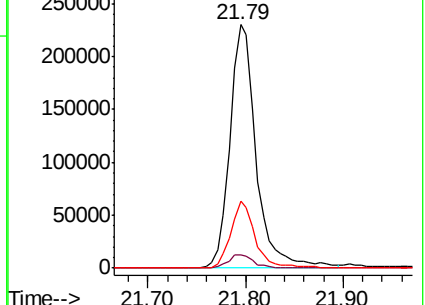
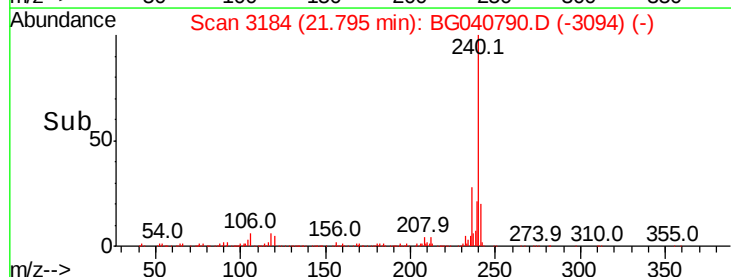
236 27.6 21.2 31.8

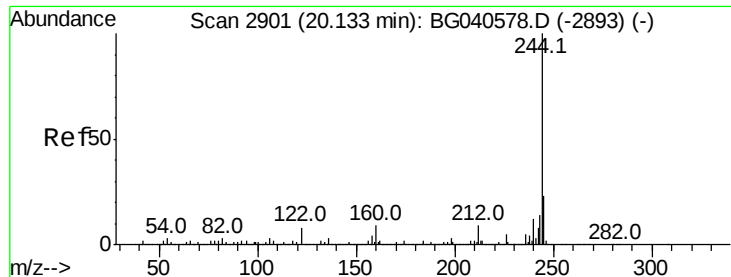


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.407 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG040790.D

Acq: 8 May 2019 15:09

Instrument :

BNA_G

ClientSampleId :

PB119331TB

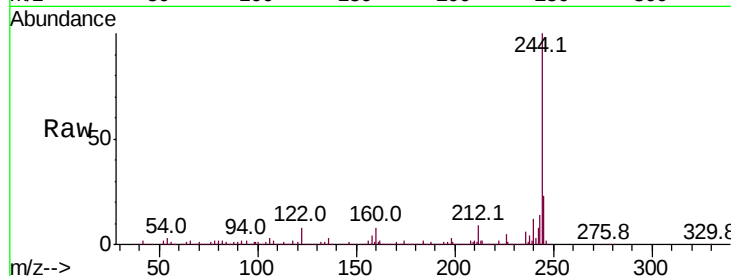
Tot Ion:244 Resp: 1768768

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

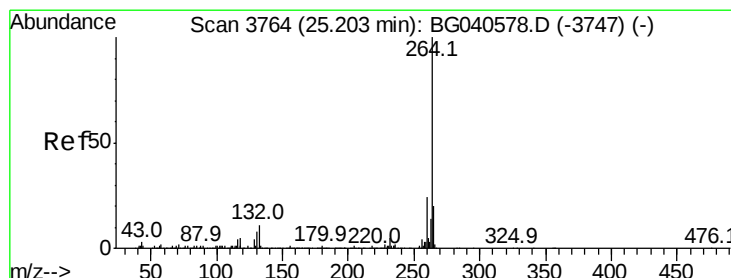
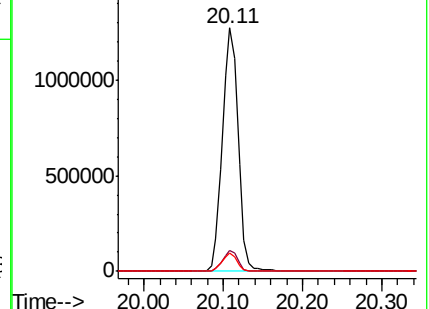
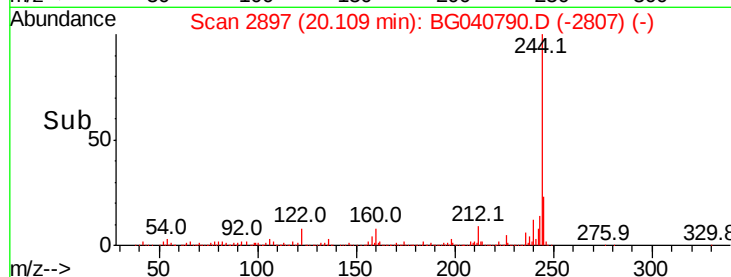
122 7.6 5.8 8.8



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: 25.16 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG040790.D

Acq: 8 May 2019 15:09

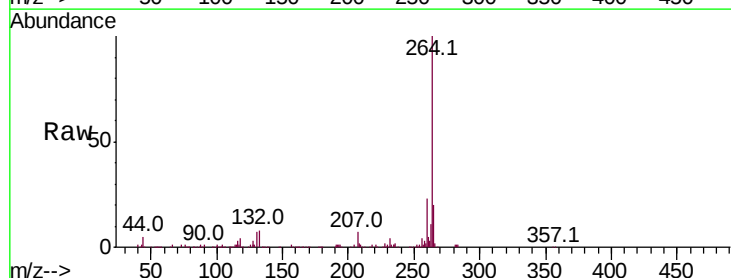
Tgt Ion:264 Resp: 343321

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 19.7 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

