

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041850.D
 Acq On : 1 Aug 2019 1:52
 Operator : HP/JU
 Sample : K4044-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Aug 01 04:10:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26261	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	121730	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	109308	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	443859	20.00	ng	0.00
76) Chrysene-d12	21.73	240	734581	20.00	ng	0.00
87) Perylene-d12	25.00	264	764735	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	217346	161.03	ng	0.00
7) Phenol-d6	7.18	99	293129	161.09	ng	-0.01
23) Nitrobenzene-d5	9.20	82	193797	109.56	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	301118	242.53	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	579760	93.55	ng	-0.01
79) Terphenyl-d14	20.06	244	2721893	84.79	ng	0.00

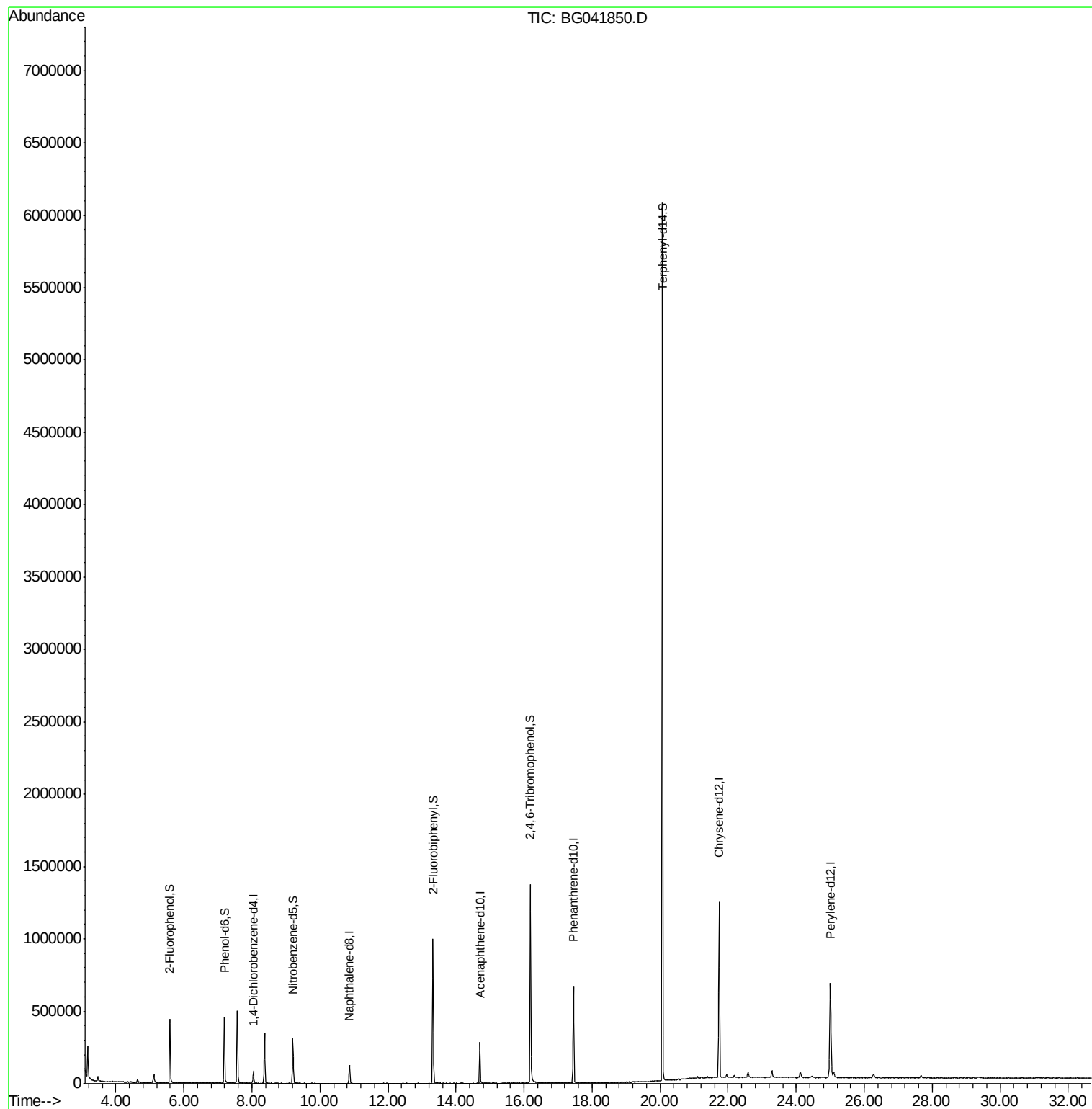
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG041850.D

Acq: 1 Aug 2019 1:52

Instrument :

BNA_G

ClientSampleId :

TP-4

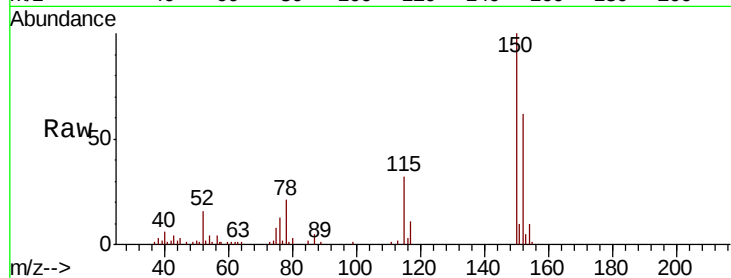
Tot Ion:152 Resp: 26261

Ion Ratio Lower Upper

152 100

150 162.0 126.9 190.3

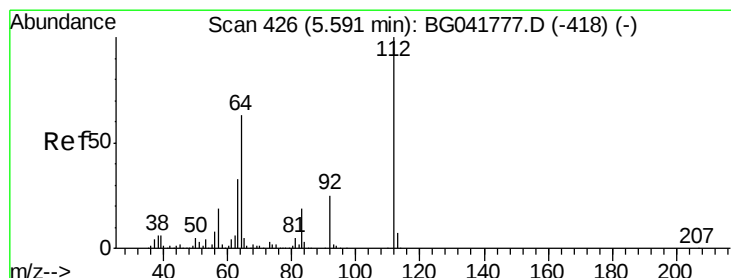
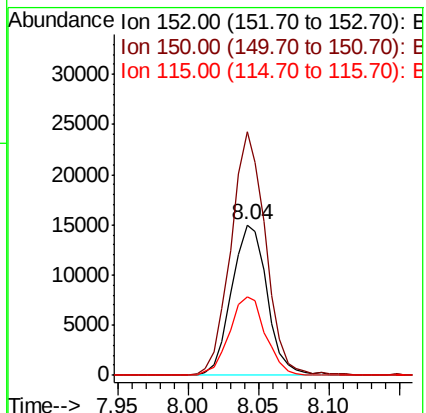
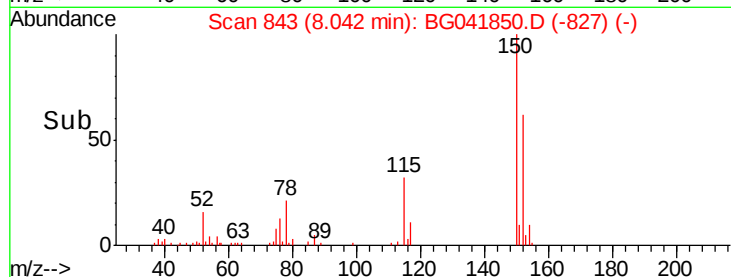
115 52.6 45.0 67.6



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: 161.027 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG041850.D

Acq: 1 Aug 2019 1:52

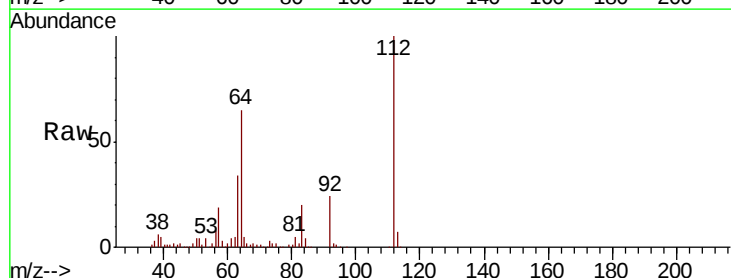
Tgt Ion:112 Resp: 217346

Ion Ratio Lower Upper

112 100

64 64.8 55.4 83.2

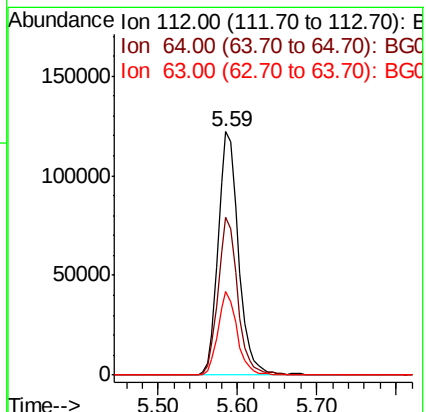
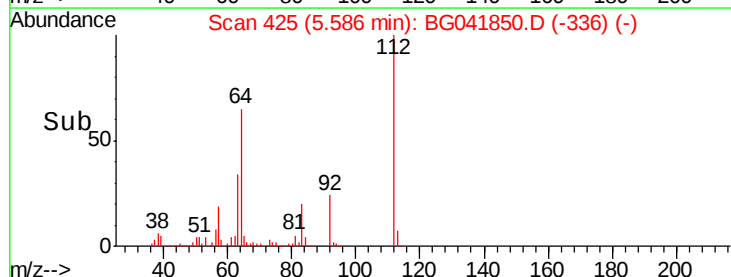
63 34.3 29.1 43.7



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: 161.088 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG041850.D

Acq: 1 Aug 2019 1:52

Instrument :

BNA_G

ClientSampleId :

TP-4

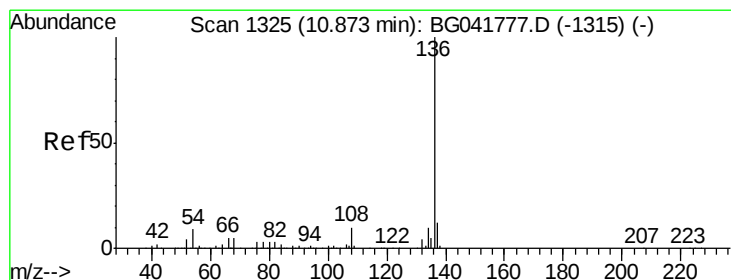
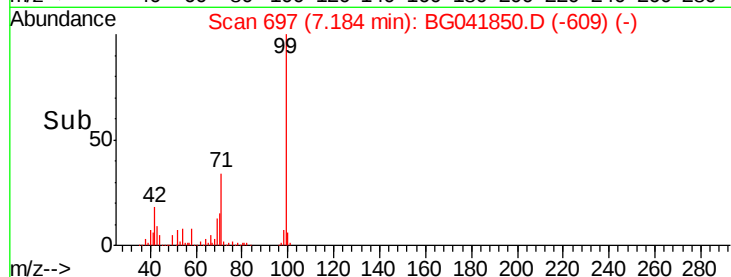
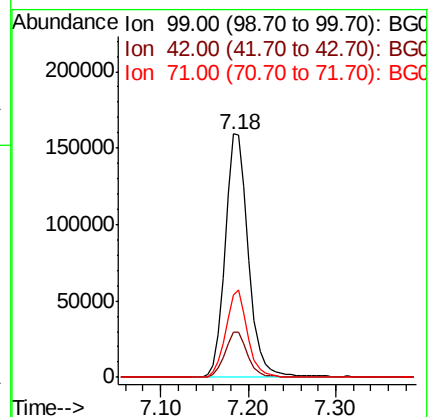
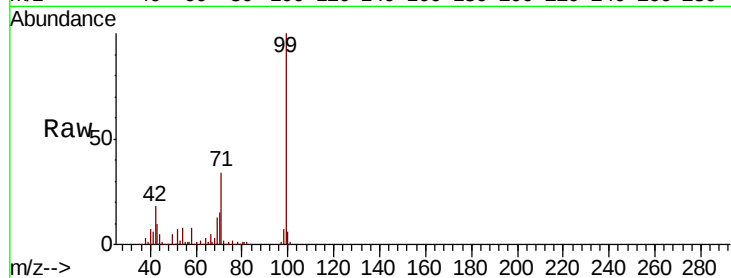
Tot Ion: 99 Resp: 293129

Ion Ratio Lower Upper

99 100

42 18.3 17.6 26.4

71 33.6 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041850.D

Acq: 1 Aug 2019 1:52

Tgt Ion: 136 Resp: 121730

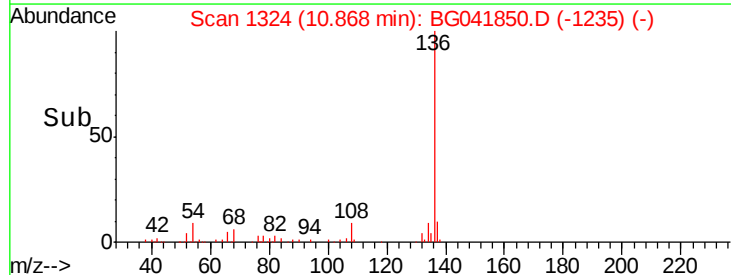
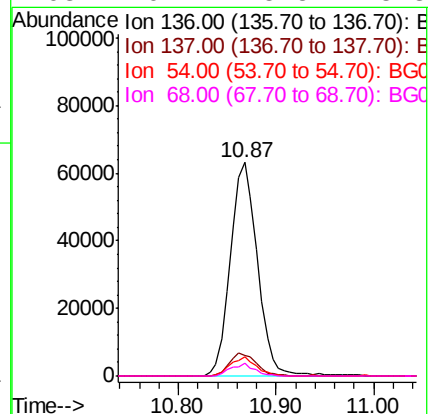
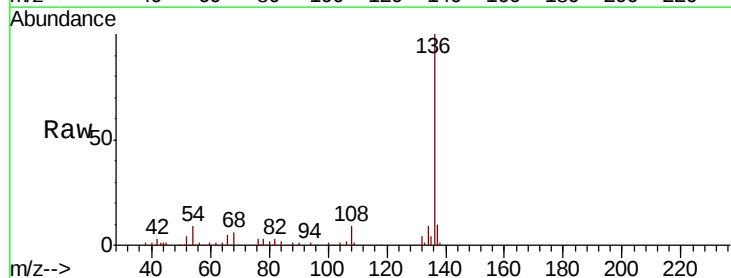
Ion Ratio Lower Upper

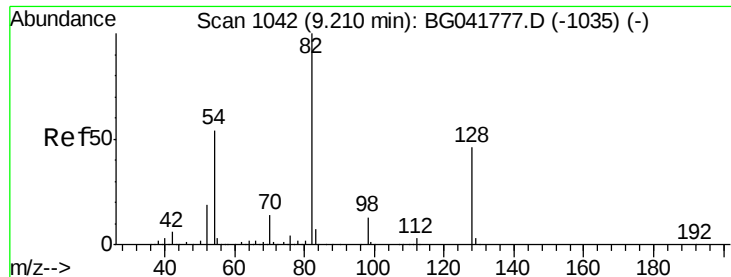
136 100

137 9.6 9.2 13.8

54 9.1 8.7 13.1

68 6.2 5.5 8.3

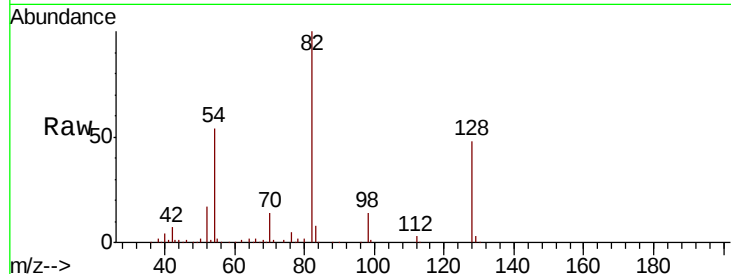




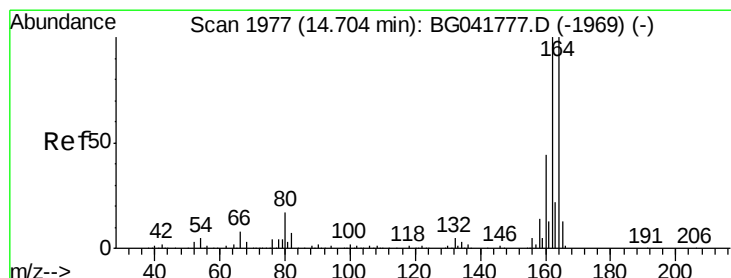
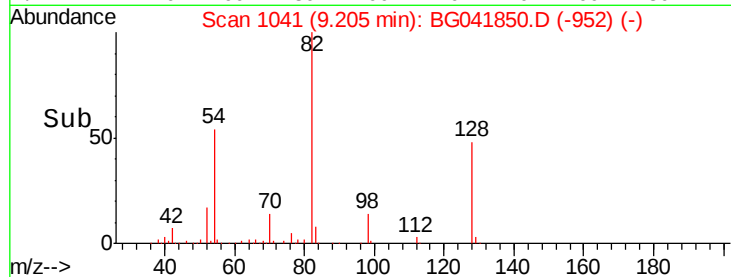
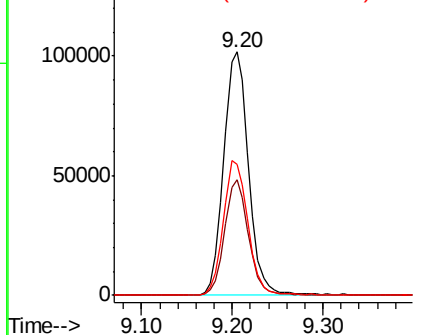
#23
 Nitrobenzene-d5
 Concen: 109.557 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041850.D
 Acq: 1 Aug 2019 1:52

Instrument :
 BNA_G
 ClientSampled :
 TP-4

Tot Ion	82	Resp	193797
Ion Ratio	Lower	Upper	
82	100		
128	47.6	35.1	52.7
54	53.8	48.7	73.1

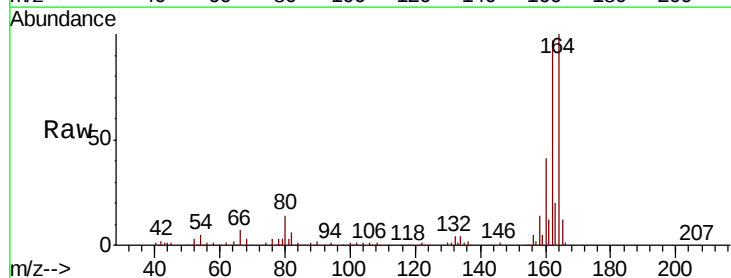


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

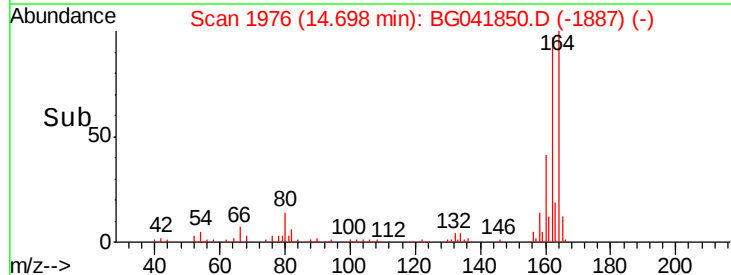
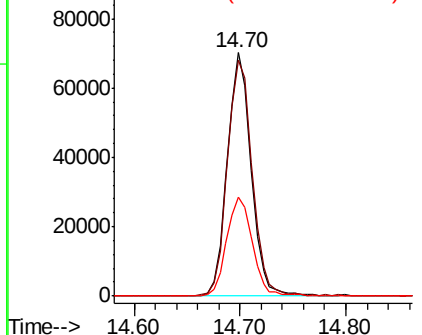


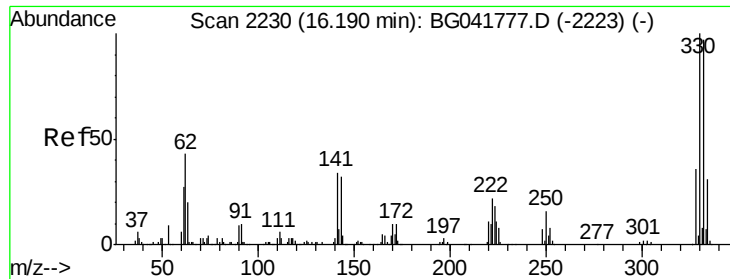
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG041850.D
 Acq: 1 Aug 2019 1:52

Tgt Ion	164	Resp	109308
Ion Ratio	Lower	Upper	
164	100		
162	97.1	79.6	119.4
160	40.6	35.4	53.0



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

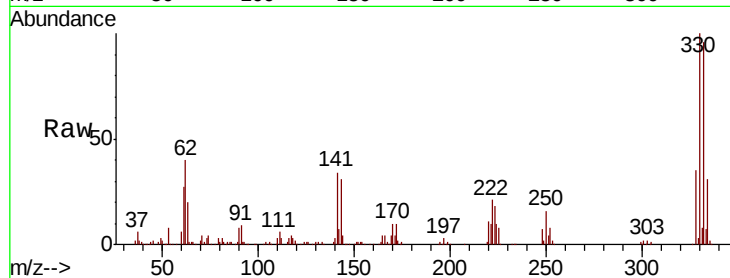




#42
 2,4,6-Tribromophenol
 Concen: 242.526 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG041850.D
 Acq: 1 Aug 2019 1:52

Instrument :
 BNA_G
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	32.8	31.9	47.9

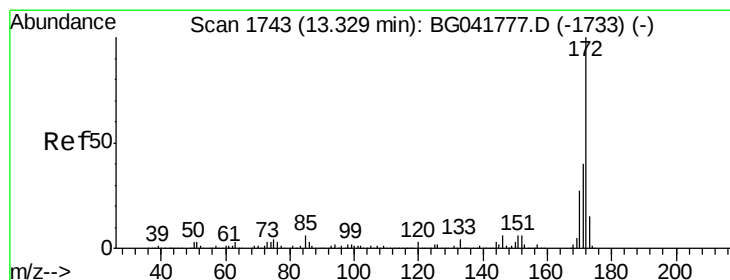
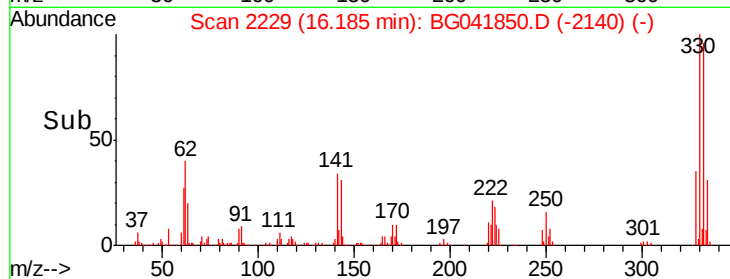
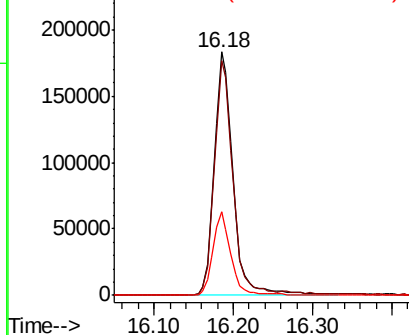


Abundance

Ion 329.80 (329.50 to 330.50): E

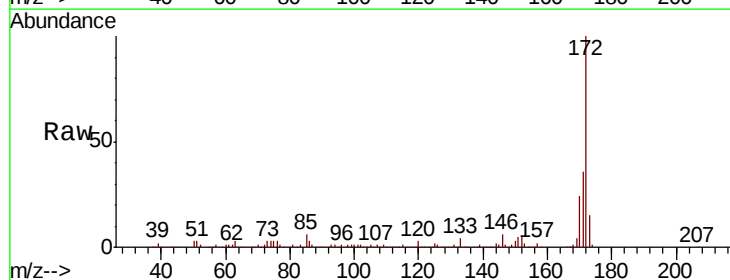
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.546 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041850.D
 Acq: 1 Aug 2019 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	35.0	52.4
170	24.5	23.5	35.3

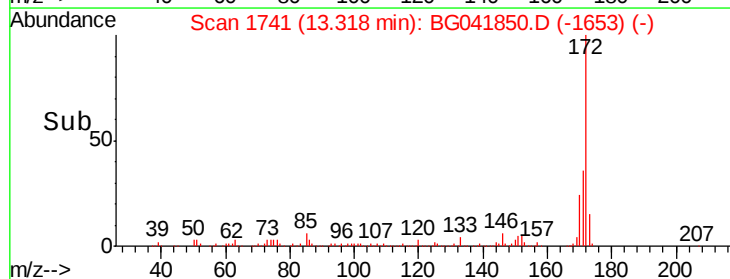
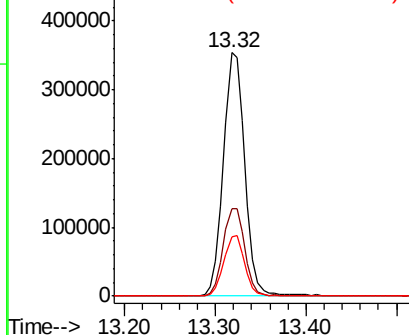


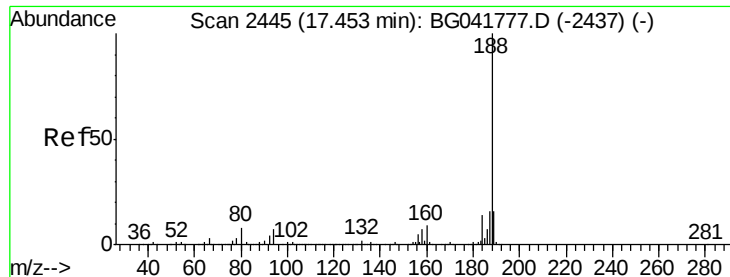
Abundance

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: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041850.D

Acq: 1 Aug 2019 1:52

Instrument :

BNA_G

ClientSampleId :

TP-4

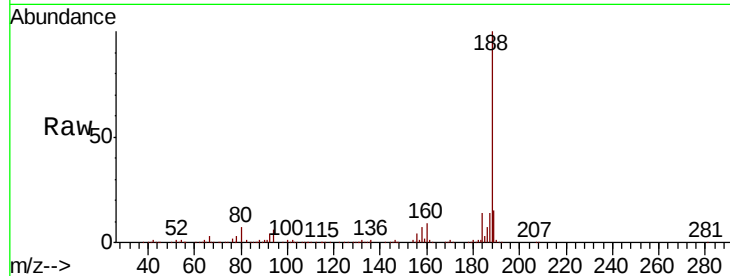
Tot Ion:188 Resp: 443859

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

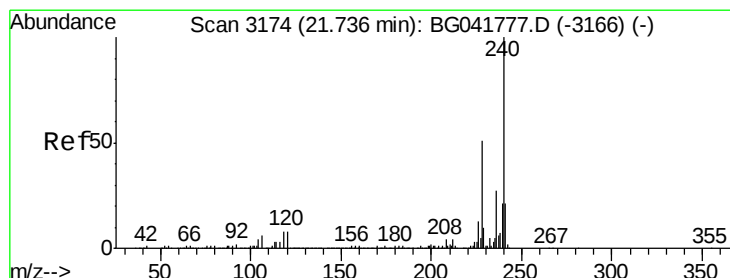
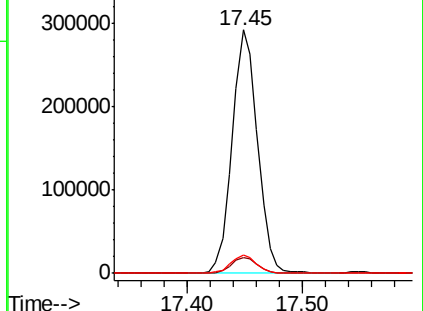
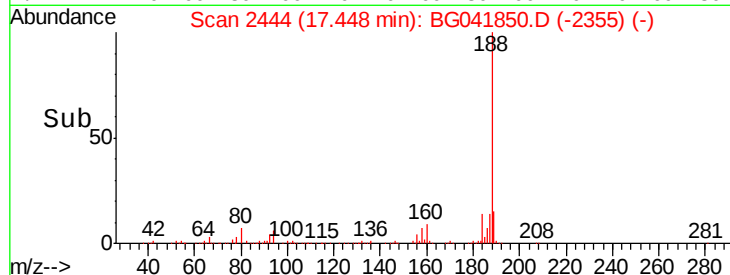
80 7.4 8.0 12.0#



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: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG041850.D

Acq: 1 Aug 2019 1:52

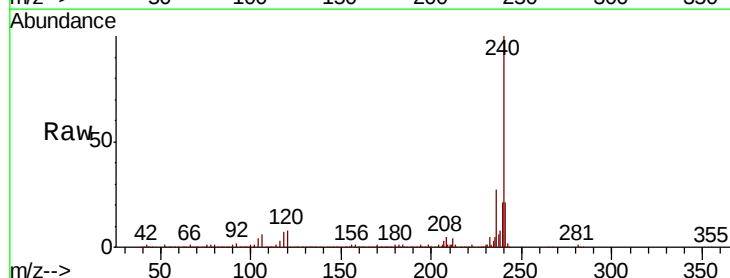
Tgt Ion:240 Resp: 734581

Ion Ratio Lower Upper

240 100

120 7.6 8.0 12.0#

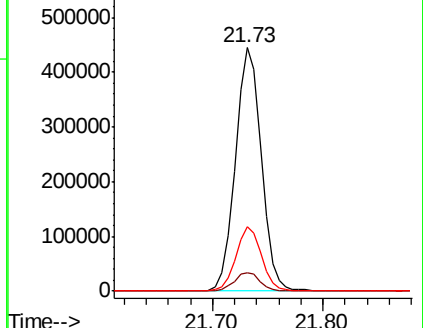
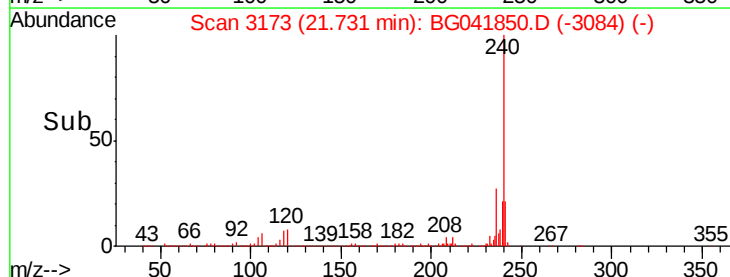
236 26.6 22.6 33.8

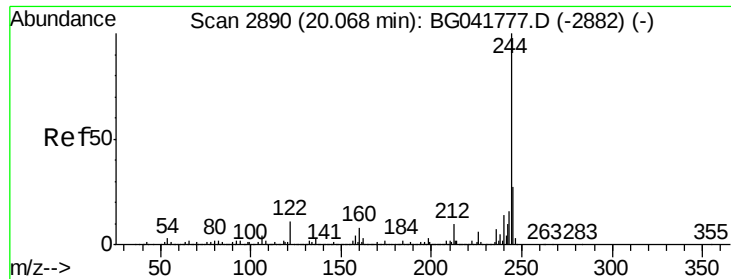


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

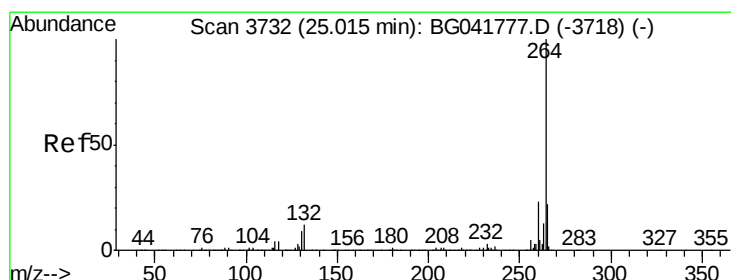
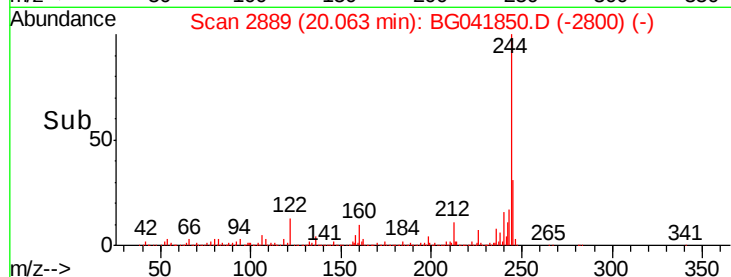
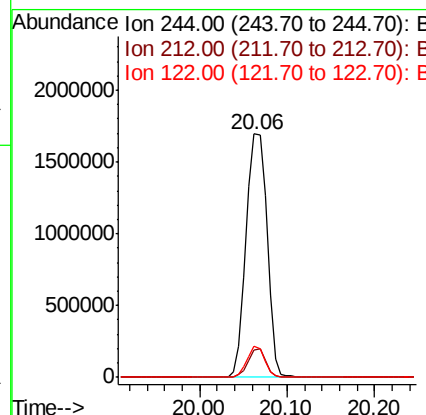
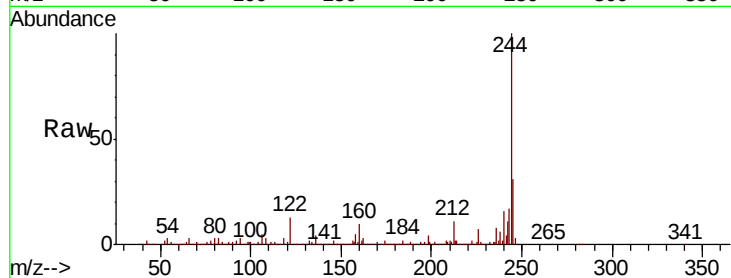




#79
 Terphenyl-d14
 Concen: 84.788 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041850.D
 Acq: 1 Aug 2019 1:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tot Ion:244 Resp: 2721893
 Ion Ratio Lower Upper
 244 100
 212 11.2 9.7 14.5
 122 12.9 12.5 18.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.00 min Scan# 3730
 Delta R.T. -0.01 min
 Lab File: BG041850.D
 Acq: 1 Aug 2019 1:52

Tgt Ion:264 Resp: 764735
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 22.0 18.0 27.0

