

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042584.D
 Acq On : 30 Aug 2019 3:14
 Operator : HP/JU
 Sample : K4567-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-GW

Quant Time: Aug 30 06:33:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

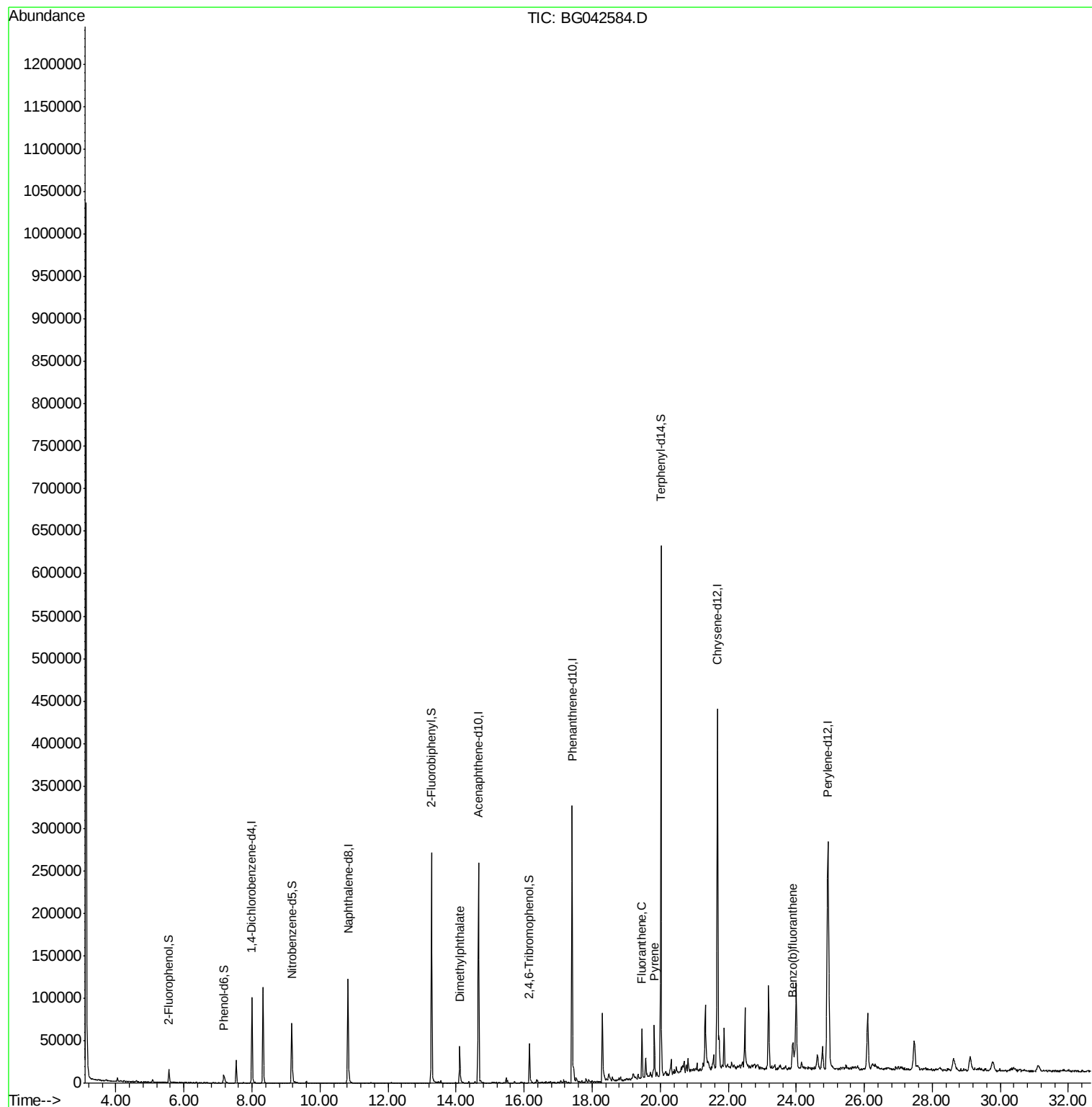
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34589	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	138259	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104225	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	238387	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	257428	20.00	ng	-0.01
87) Perylene-d12	24.93	264	305382	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	9465	5.54	ng	0.00
7) Phenol-d6	7.17	99	8494	3.68	ng	0.00
23) Nitrobenzene-d5	9.17	82	53171	26.58	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	14209	9.59	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	173555	28.16	ng	0.00
79) Terphenyl-d14	20.02	244	334334	28.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	41040	5.457	ng	98
75) Fluoranthene	19.46	202	42494	2.941	ng	93
78) Pyrene	19.83	202	42335	2.682	ng	97
88) Benzo(b)fluoranthene	23.90	252	43246	2.576	ng	99

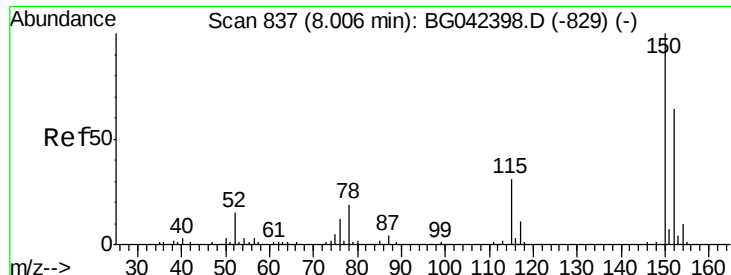
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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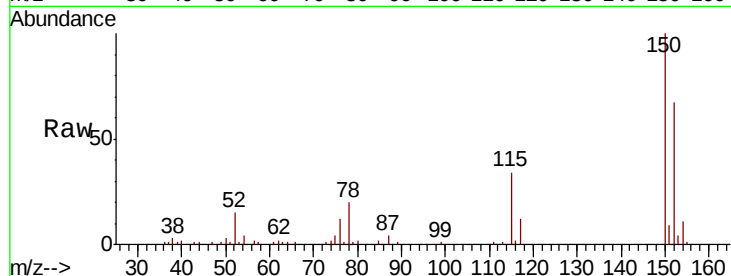


#1

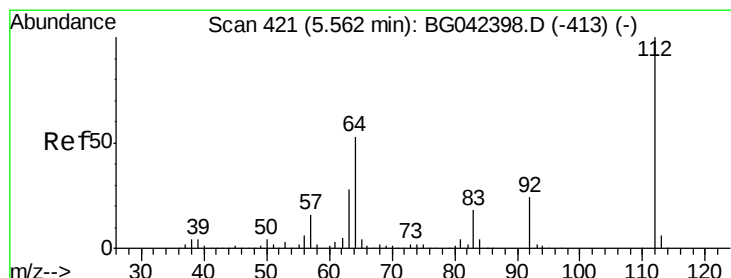
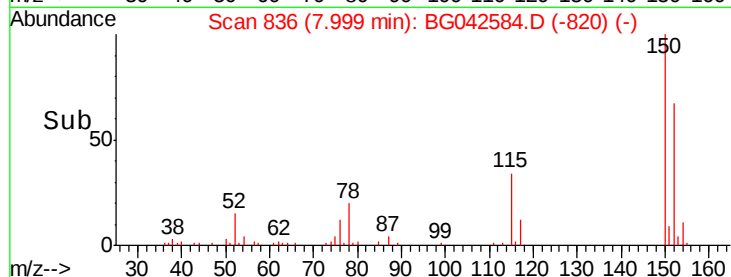
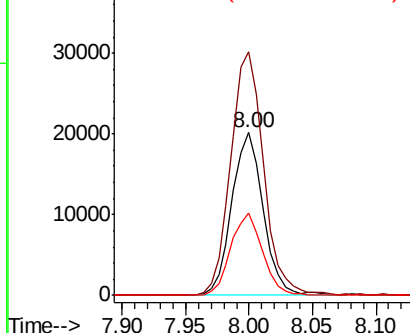
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

Instrument :
BNA_G
ClientSampleId :
TP-7-GW

Tot Ion:152 Resp: 34589
Ion Ratio Lower Upper
152 100
150 149.8 125.4 188.0
115 50.8 38.5 57.7



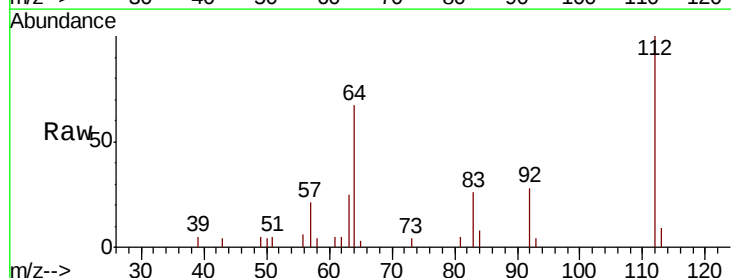
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



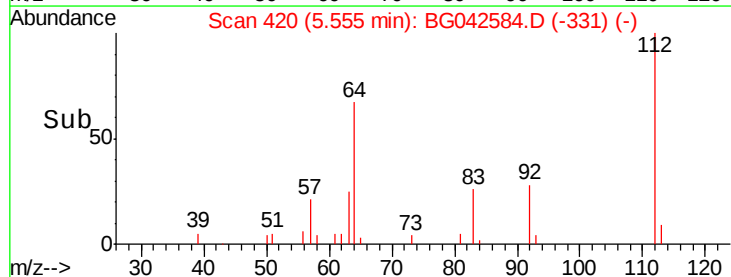
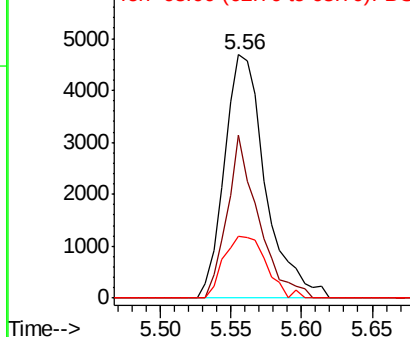
#5

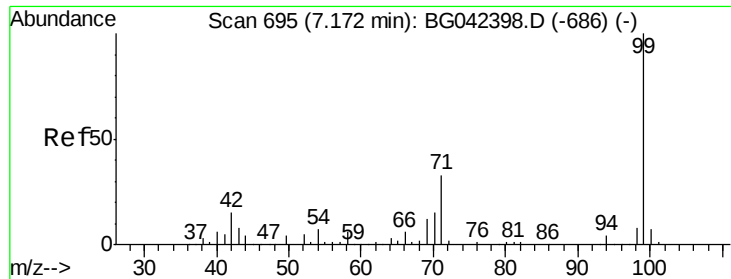
2-Fluorophenol
Concen: 5.542 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

Tgt Ion:112 Resp: 9465
Ion Ratio Lower Upper
112 100
64 66.8 42.8 64.2#
63 25.2 22.7 34.1



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: 3.682 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042584.D

Acq: 30 Aug 2019 3:14

Instrument :

BNA_G

ClientSampleId :

TP-7-GW

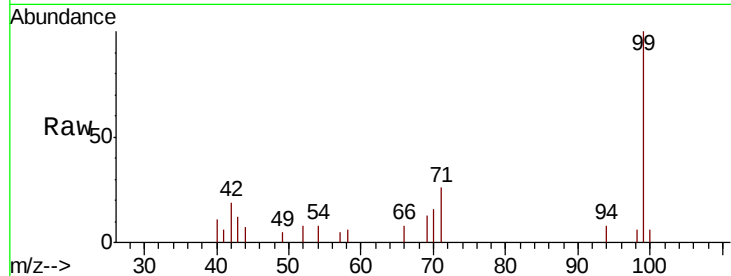
Tot Ion: 99 Resp: 8494

Ion Ratio Lower Upper

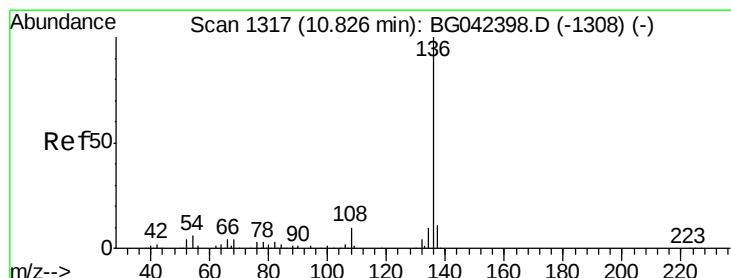
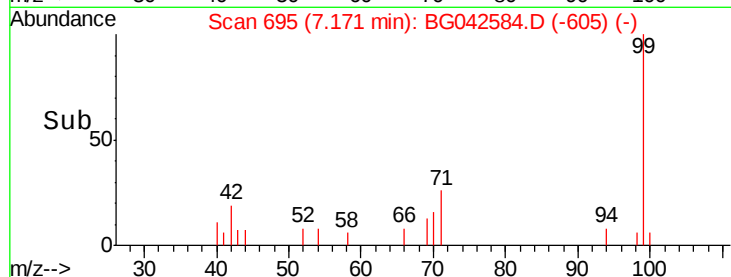
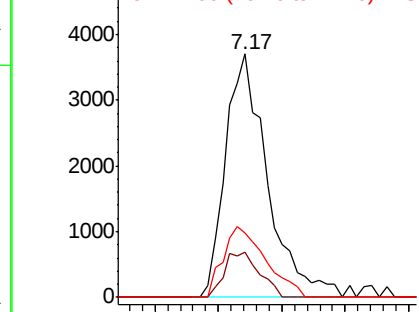
99 100

42 18.5 12.0 18.0#

71 26.3 26.3 39.5#



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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042584.D

Acq: 30 Aug 2019 3:14

Tgt Ion: 136 Resp: 138259

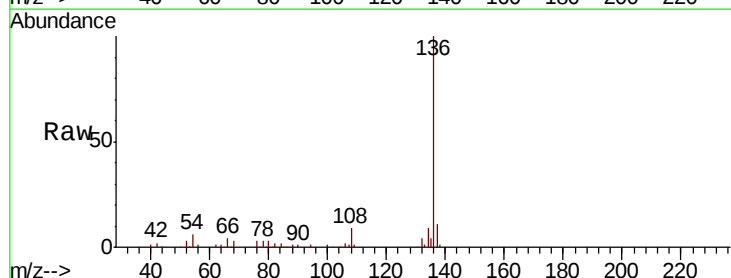
Ion Ratio Lower Upper

136 100

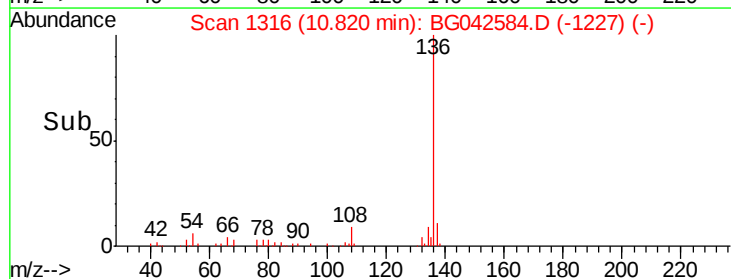
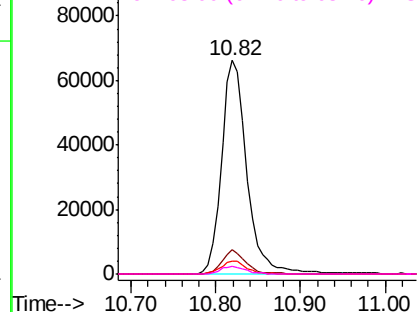
137 11.1 8.7 13.1

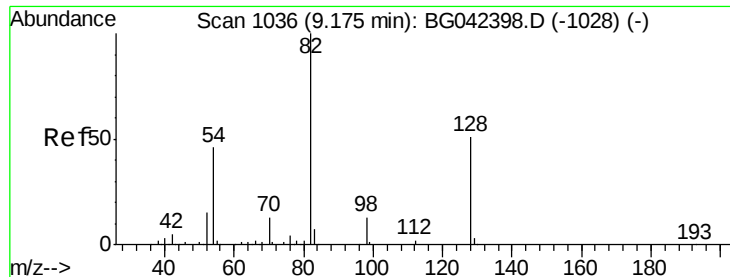
54 5.8 4.9 7.3

68 3.5 3.6 5.4#



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

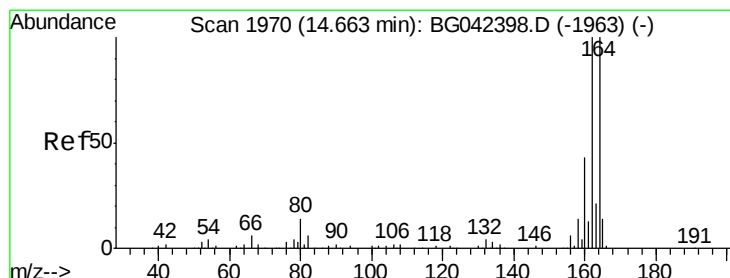
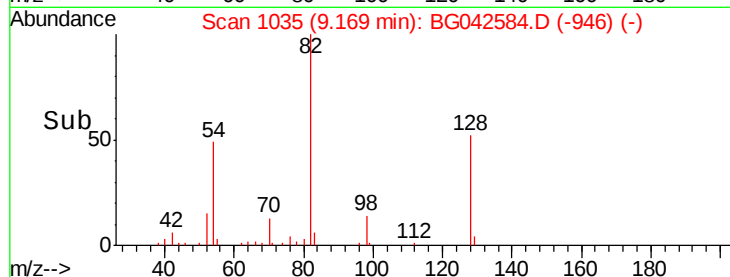
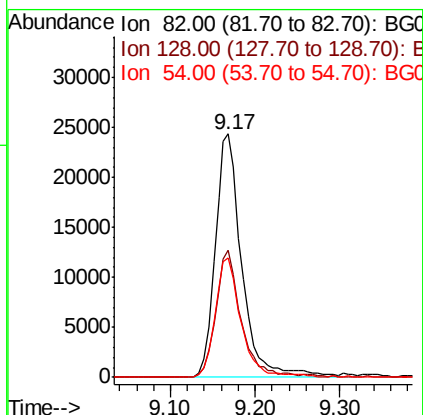
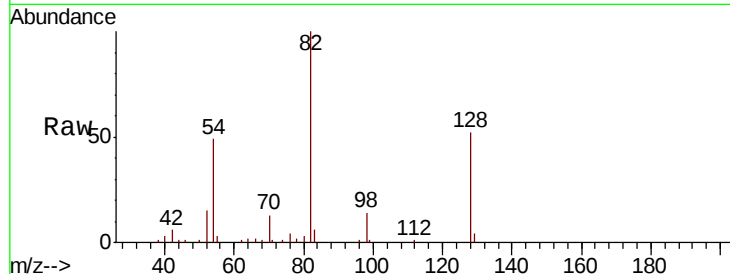




#23
Nitrobenzene-d5
Concen: 26.576 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

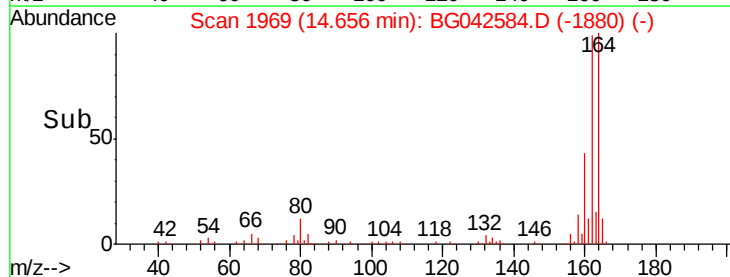
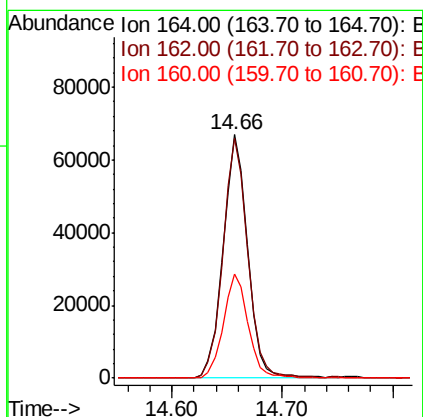
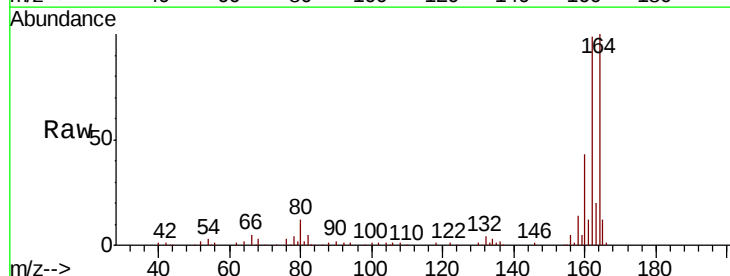
Instrument :
BNA_G
ClientSampleId :
TP-7-GW

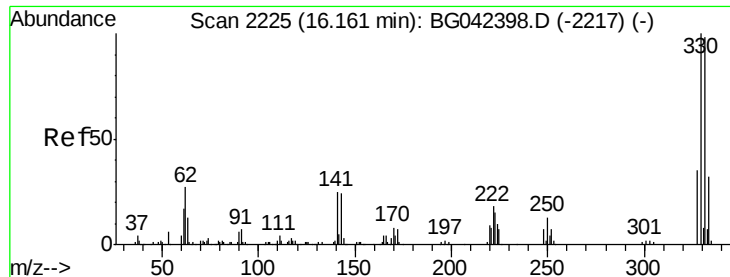
Tot Ion	82	Resp	53171
Ion Ratio	Lower	Upper	
82	100		
128	52.2	40.7	61.1
54	48.9	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

Tgt Ion	164	Resp	104225
Ion Ratio	Lower	Upper	
164	100		
162	98.5	79.9	119.9
160	42.9	34.3	51.5

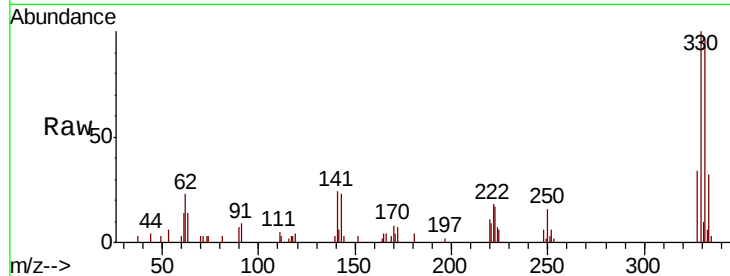




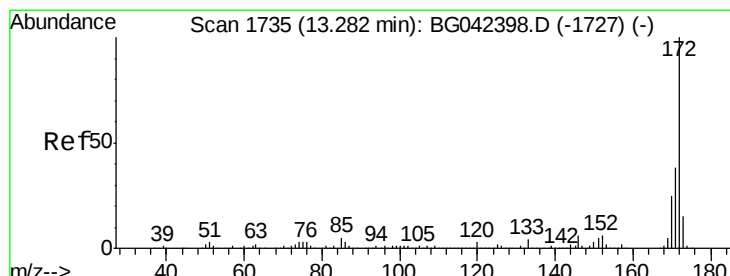
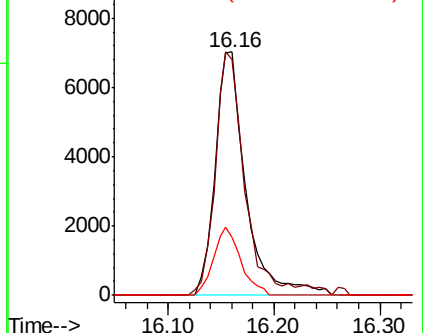
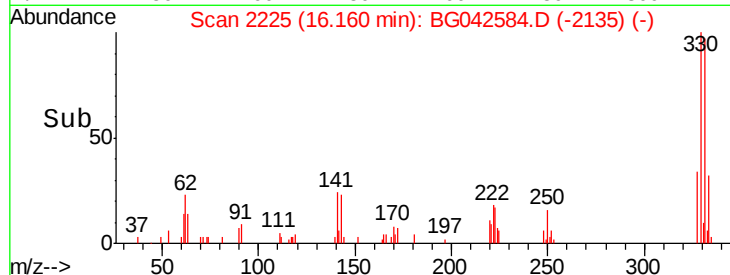
#42
 2,4,6-Tribromophenol
 Concen: 9.592 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG042584.D
 Acq: 30 Aug 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	24.8	21.4	32.0

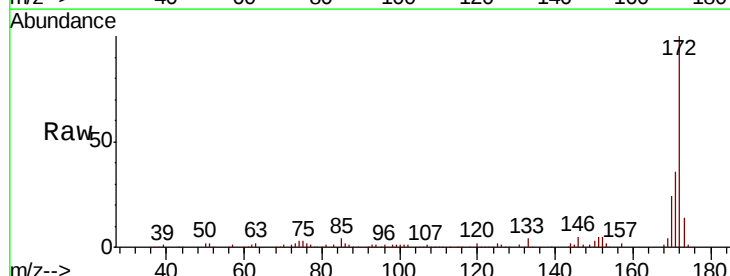


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

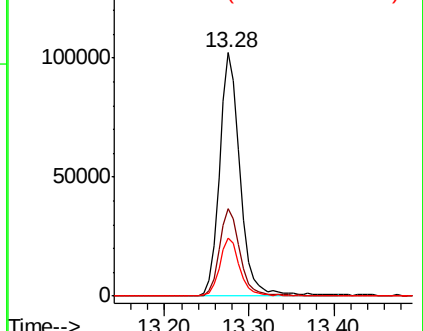
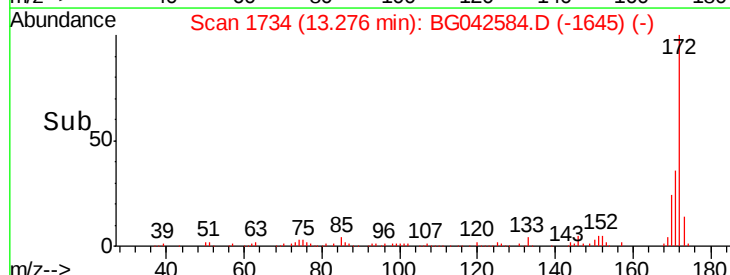


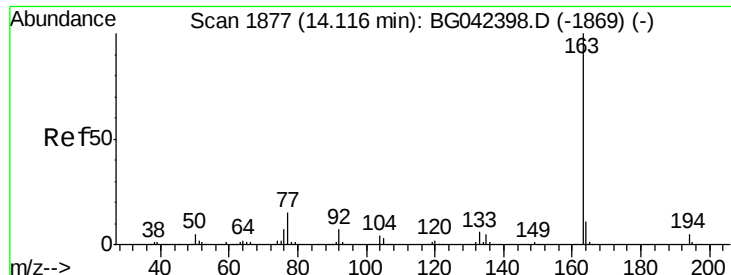
#45
 2-Fluorobiphenyl
 Concen: 28.163 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042584.D
 Acq: 30 Aug 2019 3:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	23.6	20.2	30.2



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

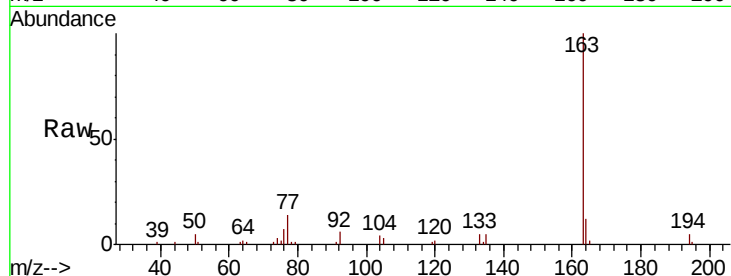




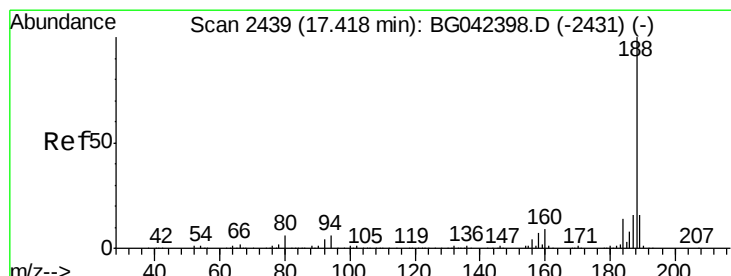
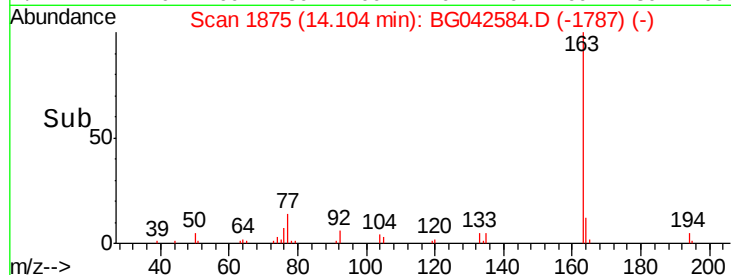
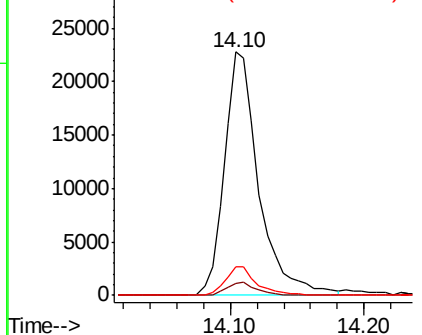
#50
Dimethylphthalate
Concen: 5.457 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

Instrument :
BNA_G
ClientSampleId :
TP-7-GW

Tot Ion:163 Resp: 41040
Ion Ratio Lower Upper
163 100
194 4.8 4.2 6.2
164 11.8 8.8 13.2

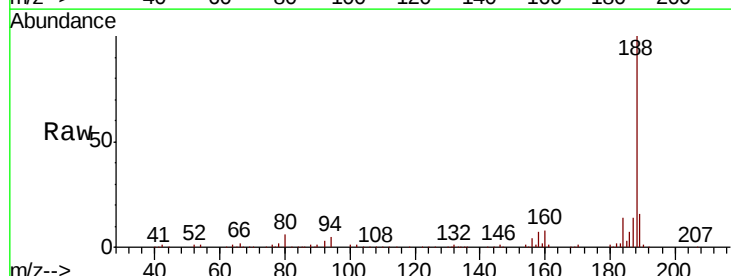


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

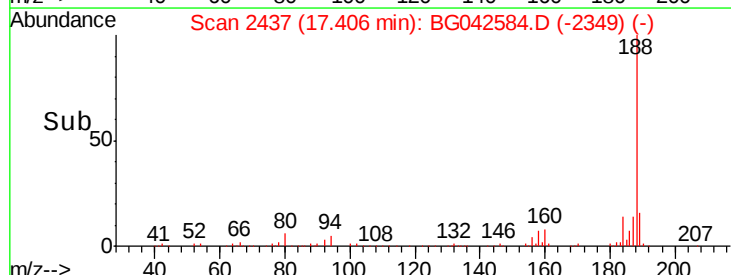
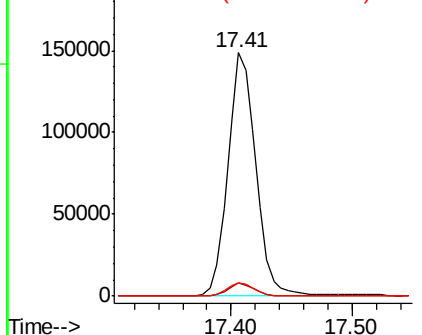


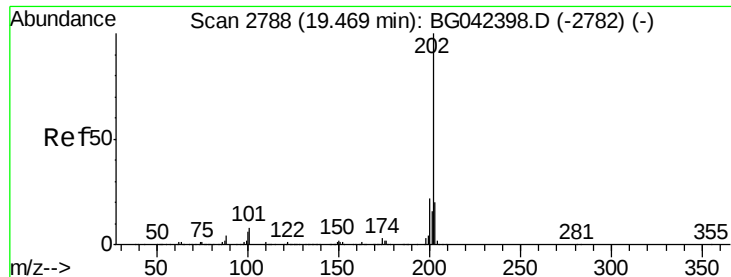
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

Tgt Ion:188 Resp: 238387
Ion Ratio Lower Upper
188 100
94 5.2 4.5 6.7
80 5.5 4.9 7.3



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





#75

Fluoranthene

Concen: 2.941 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042584.D

Acq: 30 Aug 2019 3:14

Instrument :

BNA_G

ClientSampleId :

TP-7-GW

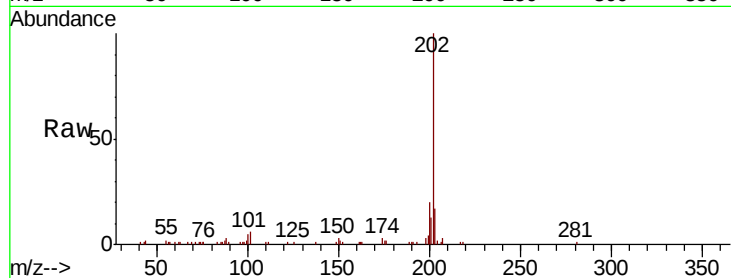
Tot Ion:202 Resp: 42494

Ion Ratio Lower Upper

202 100

101 5.9 0.0 28.3

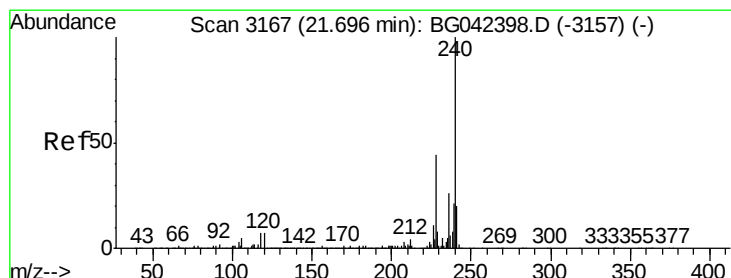
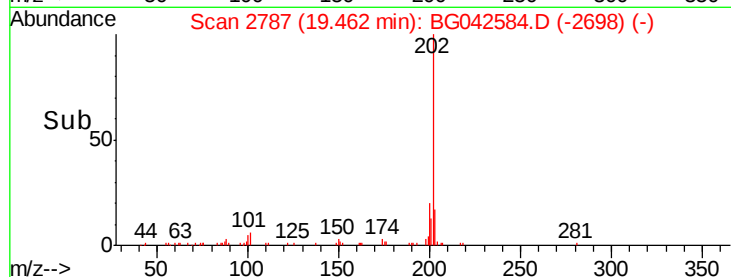
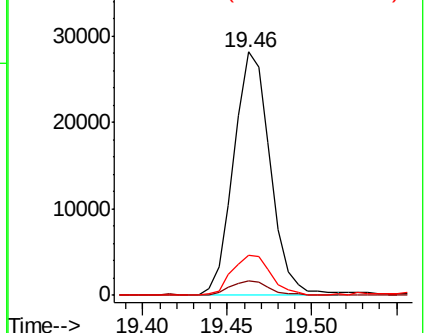
203 16.7 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042584.D

Acq: 30 Aug 2019 3:14

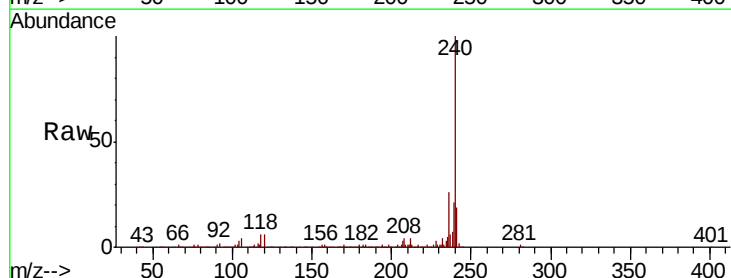
Tgt Ion:240 Resp: 257428

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

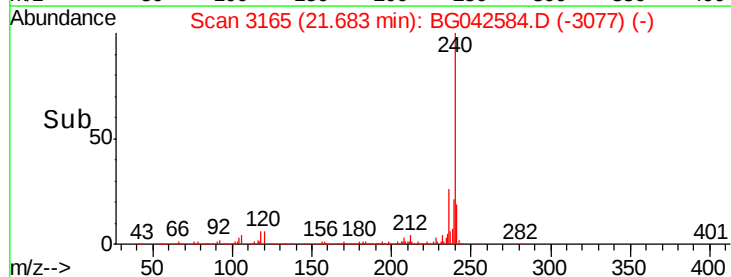
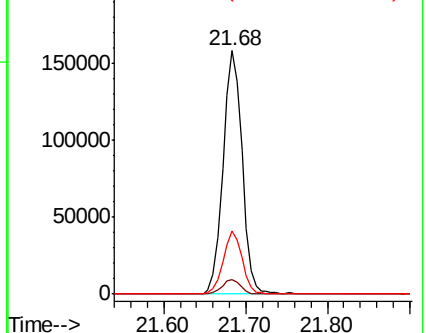
236 25.9 21.0 31.4

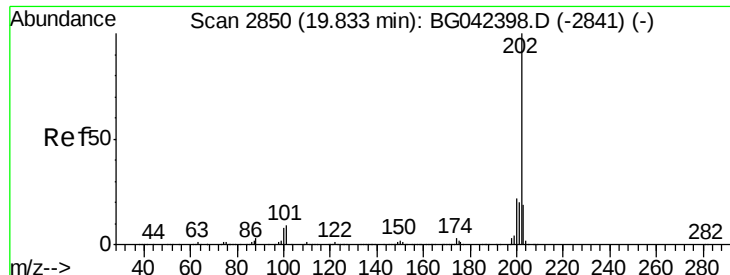


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

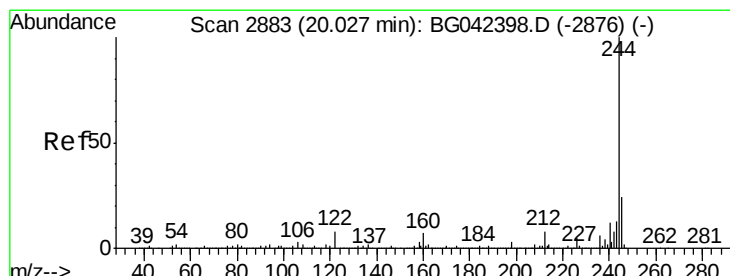
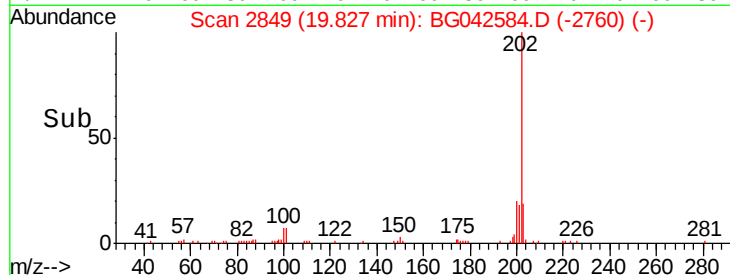
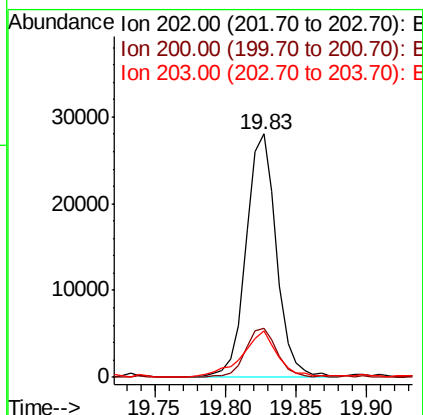
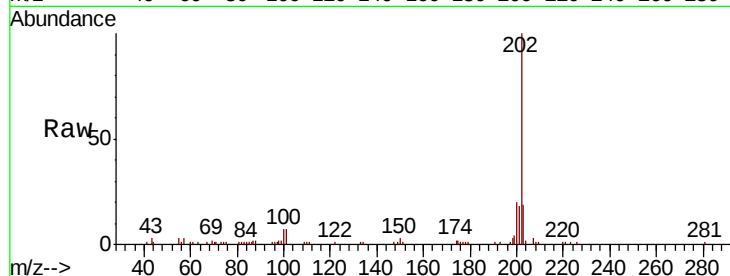




#78
Pvrene
Concen: 2.682 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

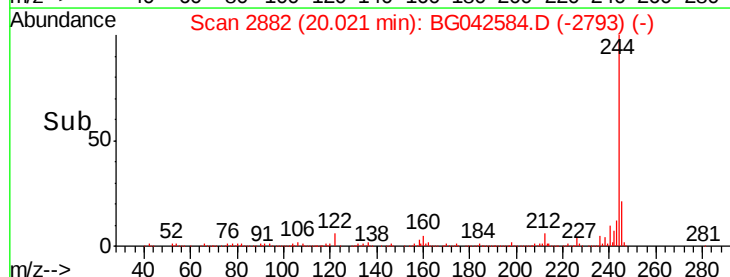
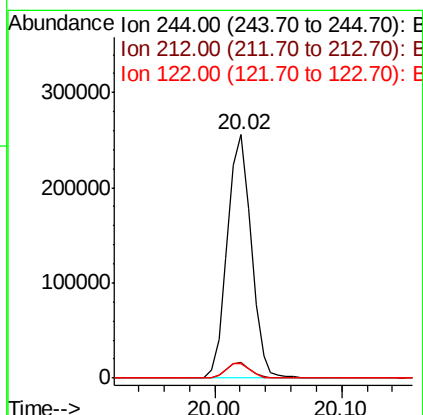
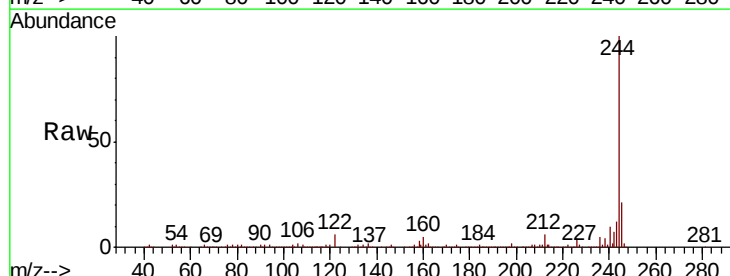
Instrument :
BNA_G
ClientSampleId :
TP-7-GW

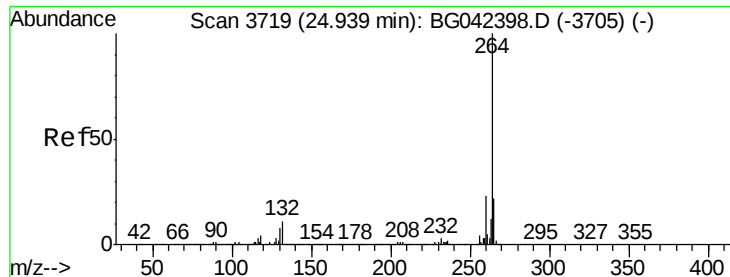
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.8	26.6
203	18.9	15.5	23.3



#79
Terphenyl-d14
Concen: 28.078 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	5.8	6.7	10.1#



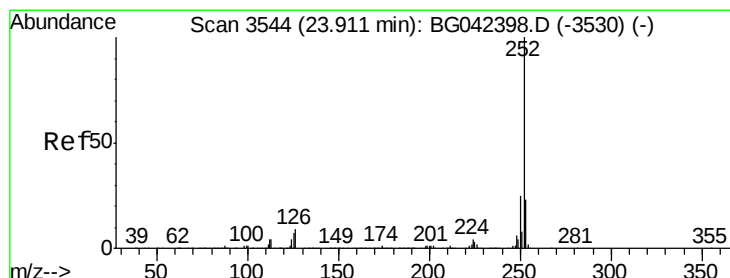
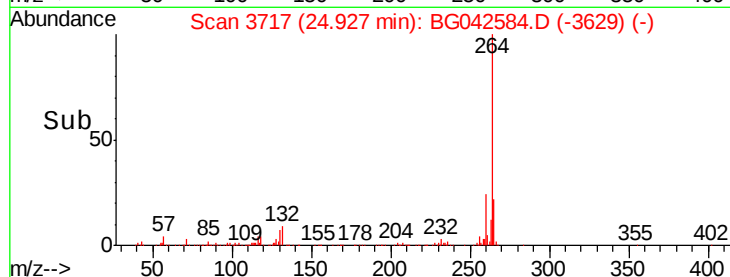
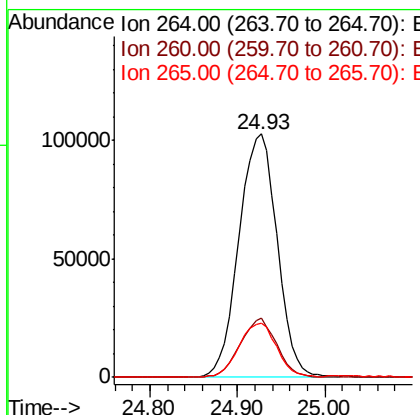
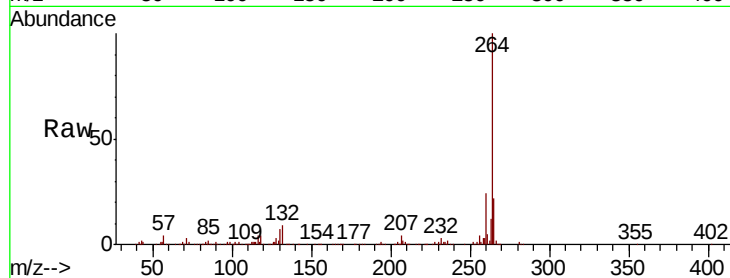


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

Instrument :
BNA_G
ClientSampleId :
TP-7-GW

Tot Ion:264 Resp: 305382

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	22.3	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 2.576 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042584.D
Acq: 30 Aug 2019 3:14

Tgt Ion:252 Resp: 43246

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	7.0	5.6	8.4

