

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
 Data File : BG042981.D
 Acq On : 2 Oct 2019 00:07
 Operator : JU
 Sample : K4946-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GP-2 (10-12)

Quant Time: Oct 02 02:01:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

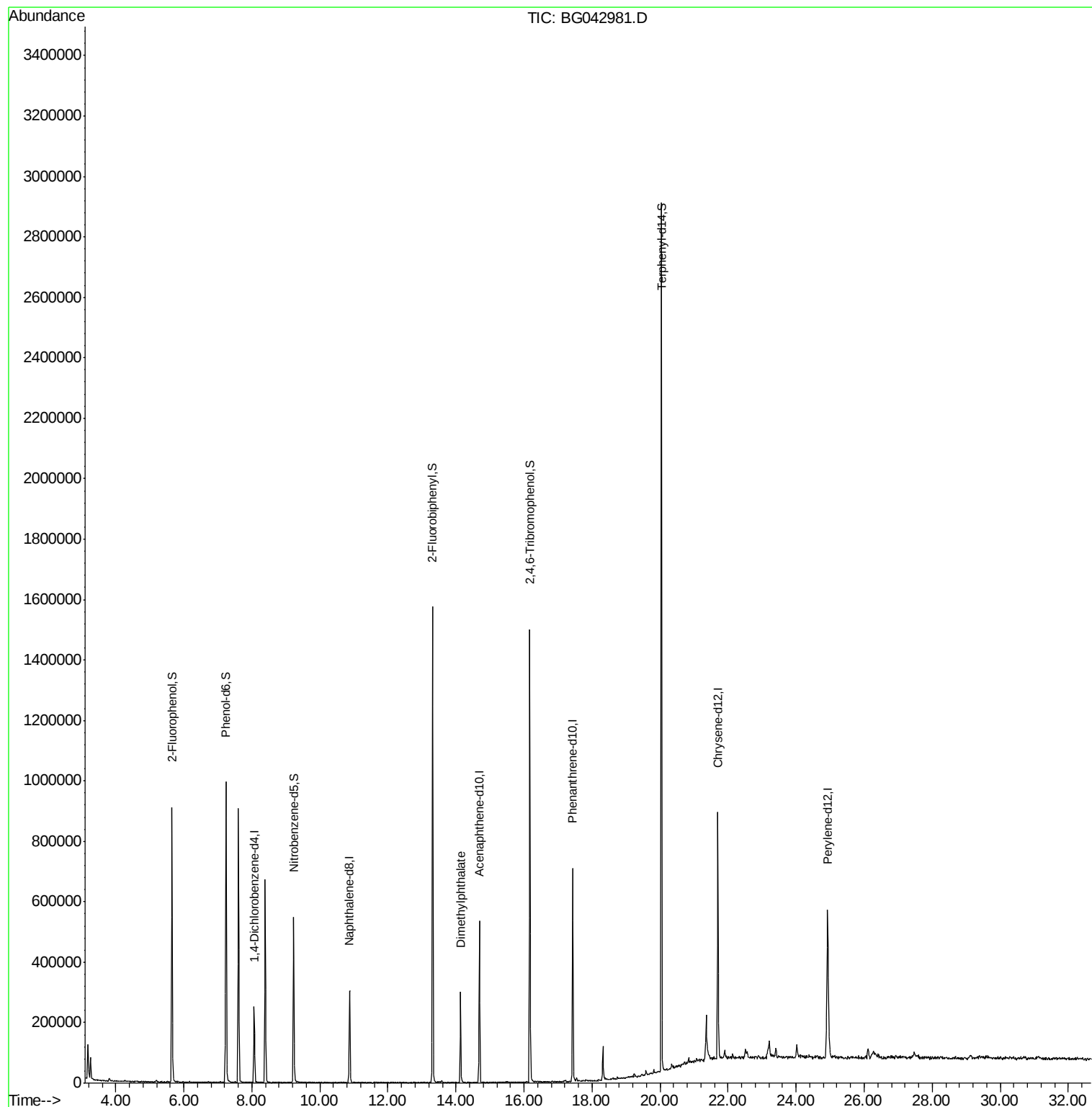
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	71262	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	270443	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	199032	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	466577	20.00	ng	0.00
76) Chrysene-d12	21.70	240	486653	20.00	ng	-0.02
87) Perylene-d12	24.92	264	569136	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	372553	93.30	ng	0.00
7) Phenol-d6	7.24	99	549882	95.63	ng	0.00
23) Nitrobenzene-d5	9.23	82	342475	61.55	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	320828	93.74	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	819143	59.66	ng	-0.01
79) Terphenyl-d14	20.04	244	1439396	63.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	197275	13.229	ng	Qvalue 99

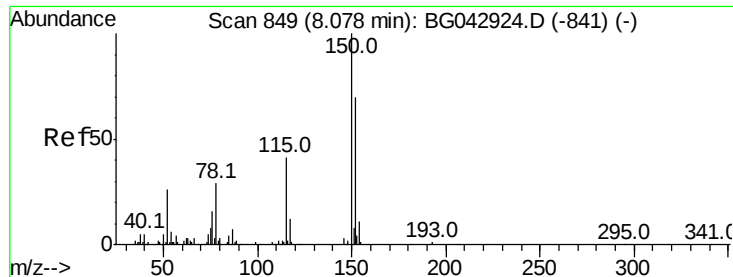
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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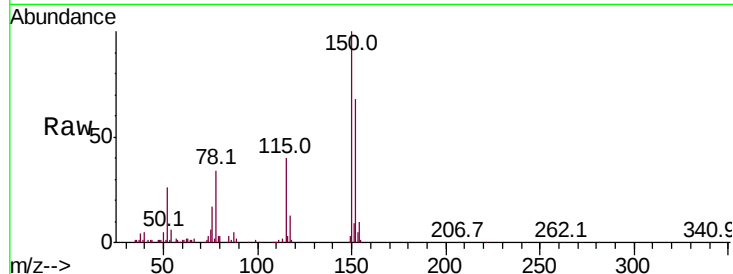


#1

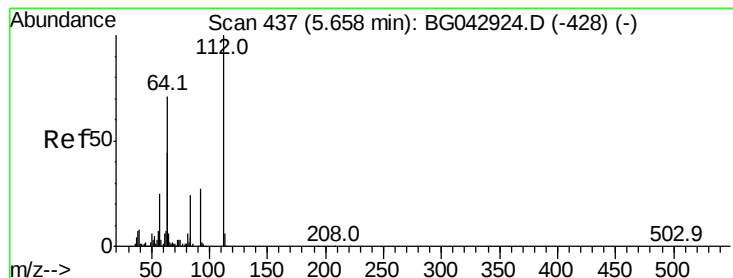
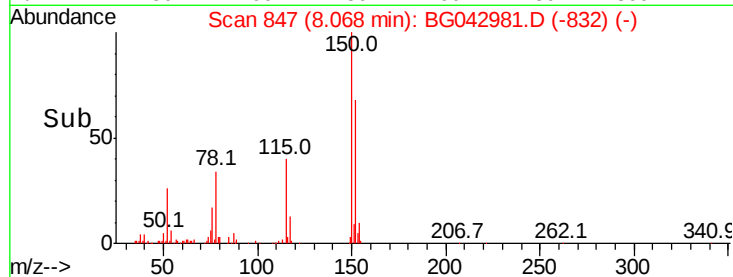
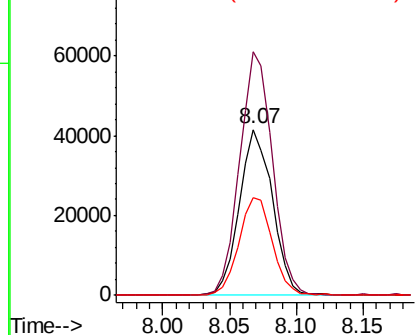
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042981.D
Acq: 2 Oct 2019 00:07

Instrument :
BNA_G
ClientSampleId :
GP-2 (10-12)

Tot Ion:152 Resp: 71262
Ion Ratio Lower Upper
152 100
150 146.7 115.0 172.4
115 58.6 47.0 70.6



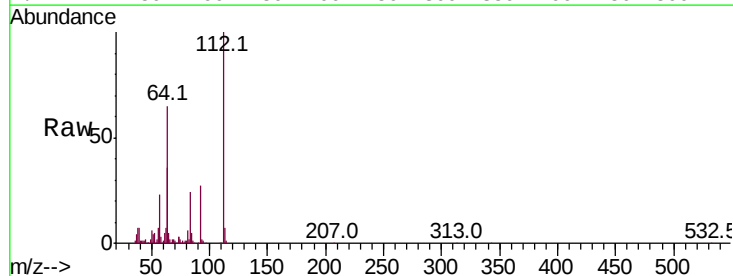
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



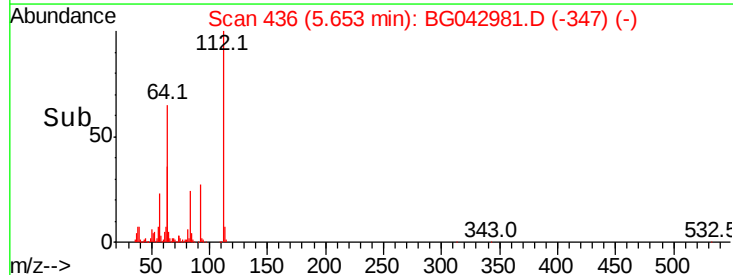
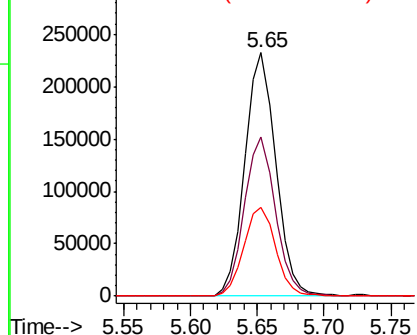
#5

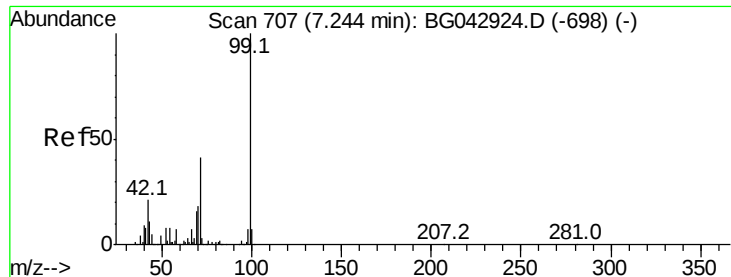
2-Fluorophenol
Concen: 93.299 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG042981.D
Acq: 2 Oct 2019 00:07

Tgt Ion:112 Resp: 372553
Ion Ratio Lower Upper
112 100
64 65.3 56.6 84.8
63 36.4 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 95.626 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG042981.D

Acq: 2 Oct 2019 00:07

Instrument :

BNA_G

ClientSampleId :

GP-2 (10-12)

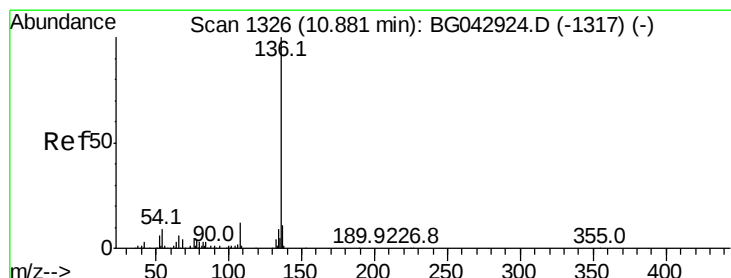
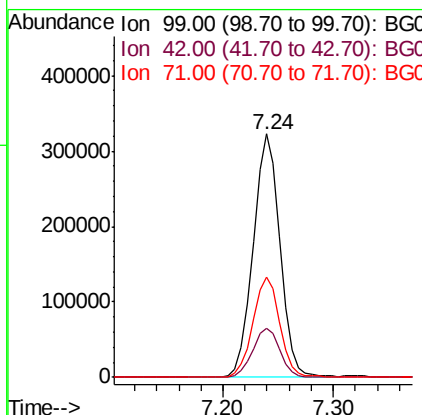
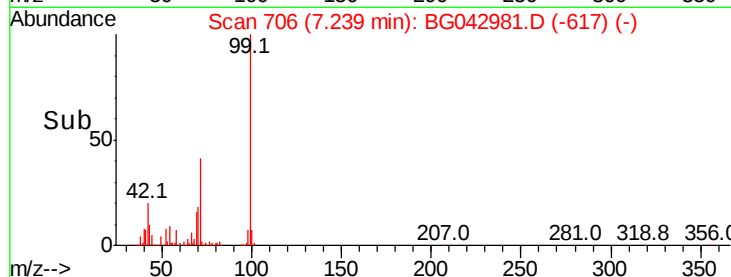
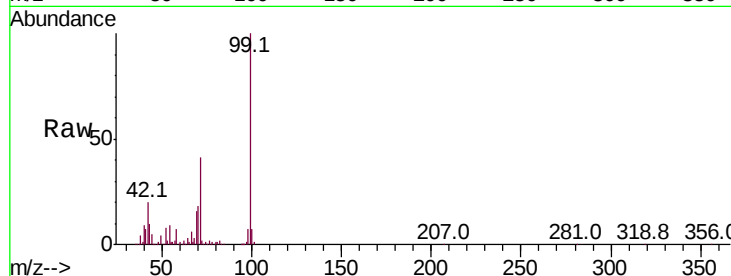
Tot Ion: 99 Resp: 549882

Ion Ratio Lower Upper

99 100

42 19.9 17.2 25.8

71 41.3 33.1 49.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG042981.D

Acq: 2 Oct 2019 00:07

Tgt Ion: 136 Resp: 270443

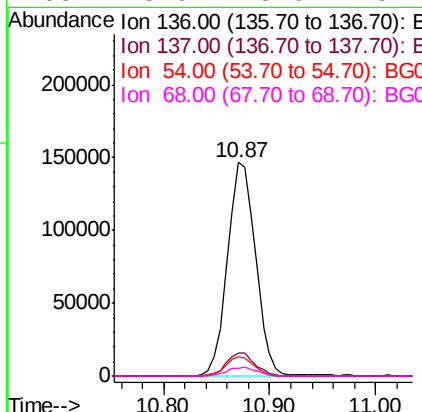
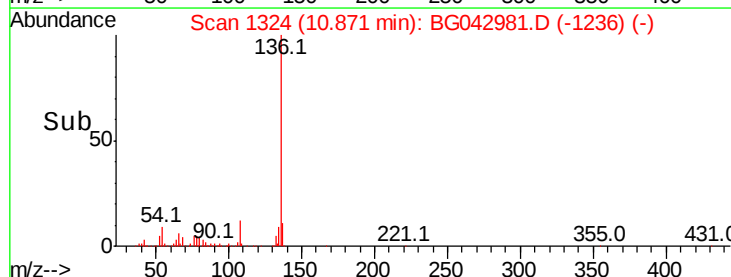
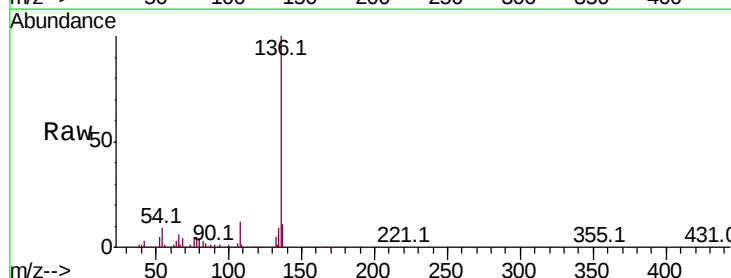
Ion Ratio Lower Upper

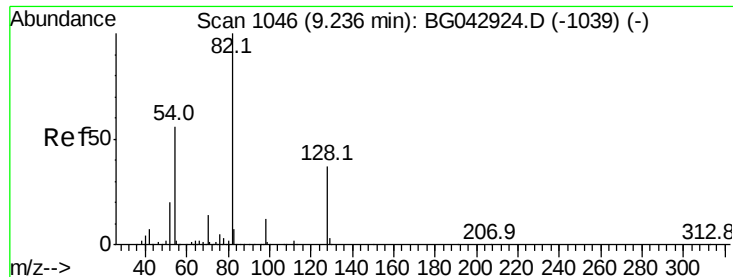
136 100

137 10.6 8.5 12.7

54 9.2 7.4 11.2

68 3.9 3.6 5.4

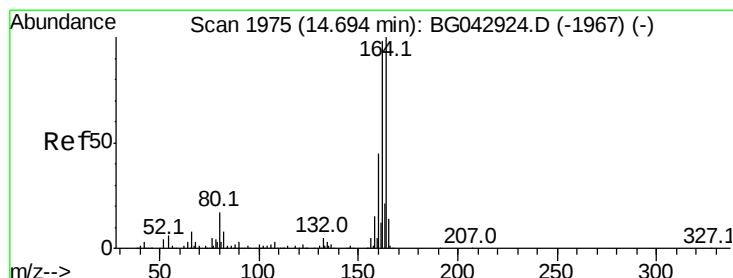
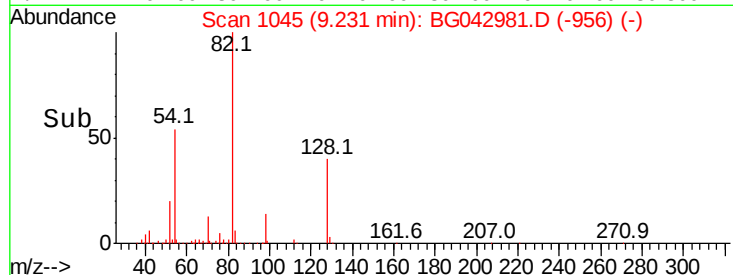
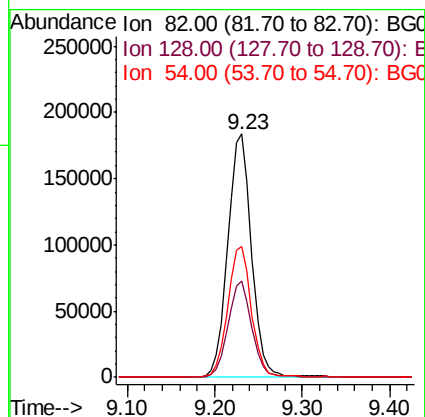
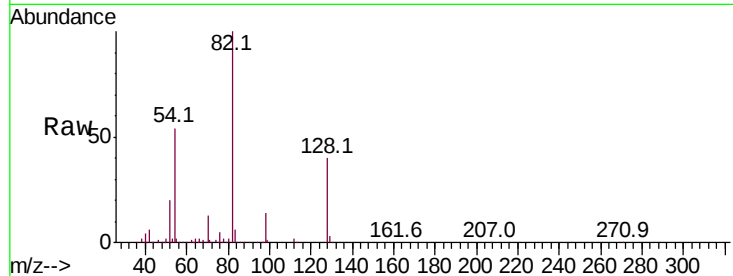




#23
Nitrobenzene-d5
Concen: 61.551 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG042981.D
Acq: 2 Oct 2019 00:07

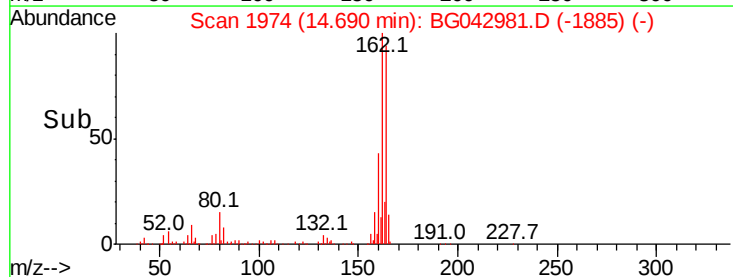
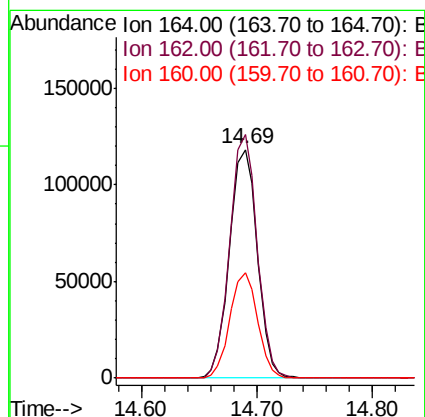
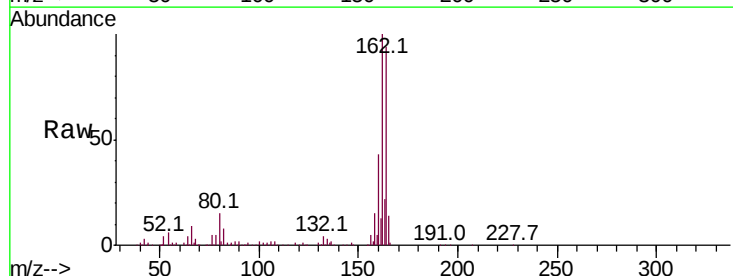
Instrument :
BNA_G
ClientSampleId :
GP-2 (10-12)

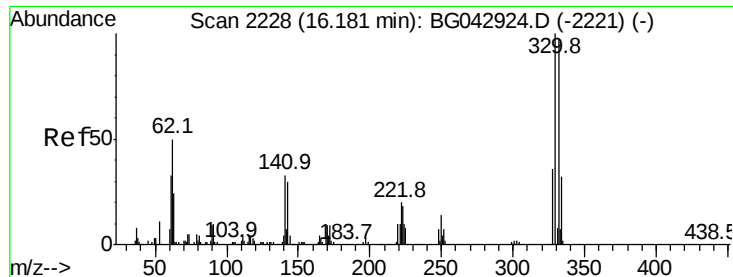
Tot Ion	82	Resp	342475
Ion Ratio	Lower	Upper	
82	100		
128	39.6	29.5	44.3
54	54.0	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG042981.D
Acq: 2 Oct 2019 00:07

Tgt Ion	164	Resp	199032
Ion Ratio	Lower	Upper	
164	100		
162	106.5	78.5	117.7
160	46.3	35.9	53.9

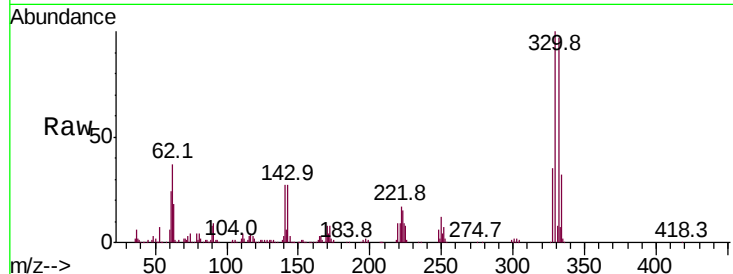




#42
 2,4,6-Tribromophenol
 Concen: 93.741 ng
 RT: 16.18 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG042981.D
 Acq: 2 Oct 2019 00:07

Instrument :
 BNA_G
 ClientSampleId :
 GP-2 (10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	29.9	26.0	39.0

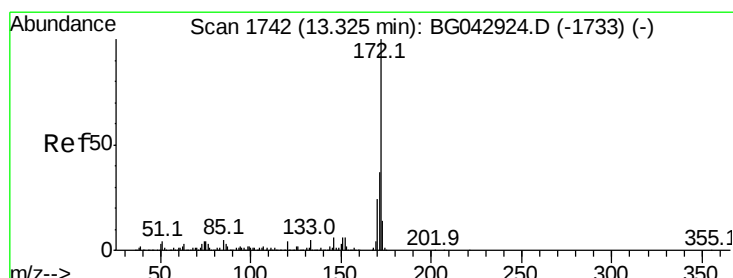
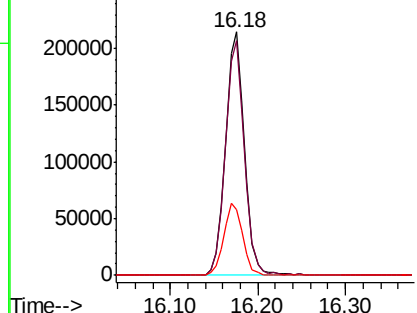
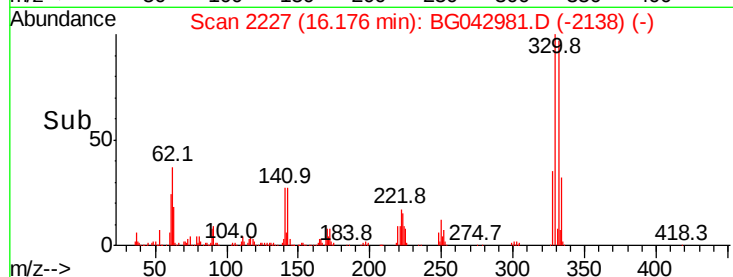


Abundance

Ion 329.80 (329.50 to 330.50): E

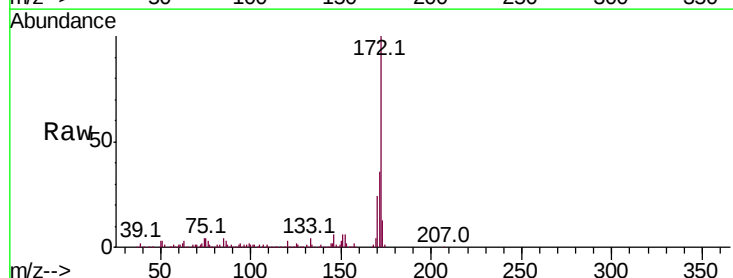
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.664 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG042981.D
 Acq: 2 Oct 2019 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	19.6	29.4

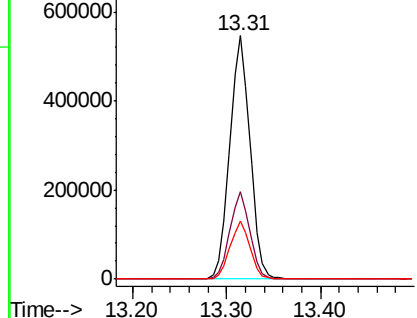
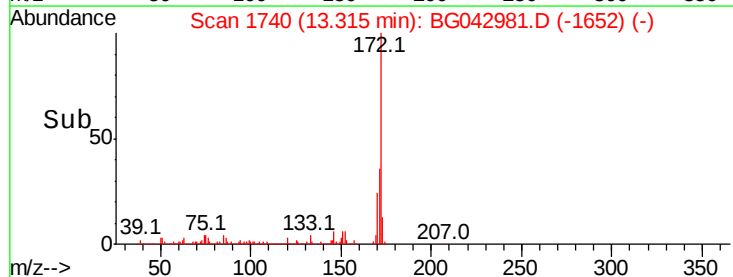


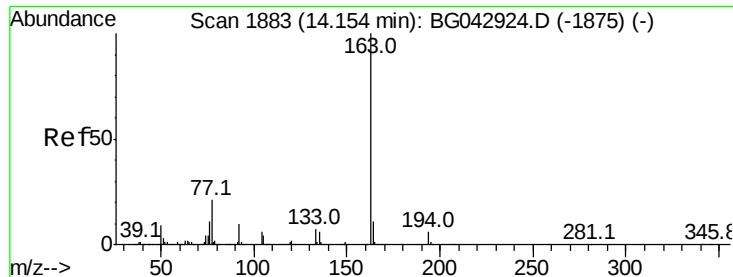
Abundance

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

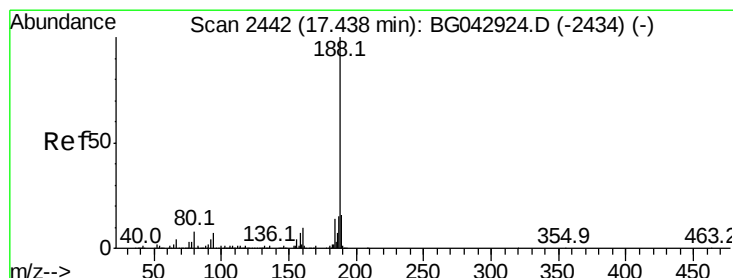
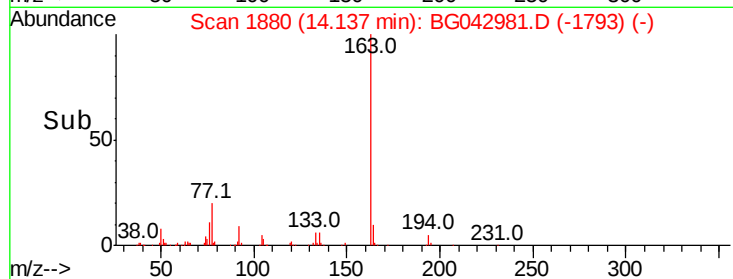
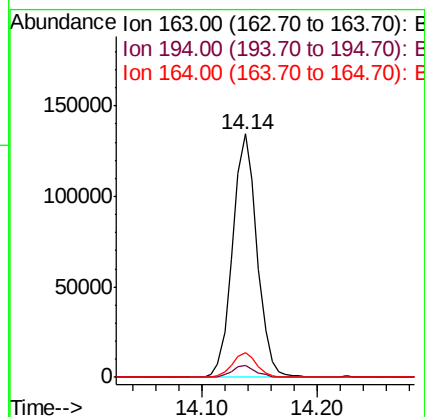
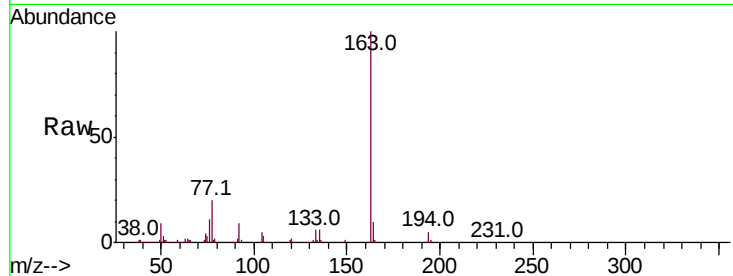




#50
Dimethylphthalate
Concen: 13.229 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042981.D
Acq: 2 Oct 2019 00:07

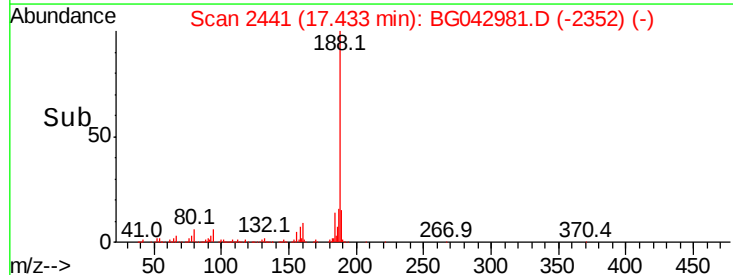
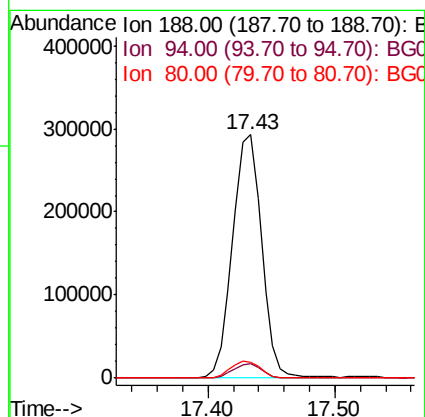
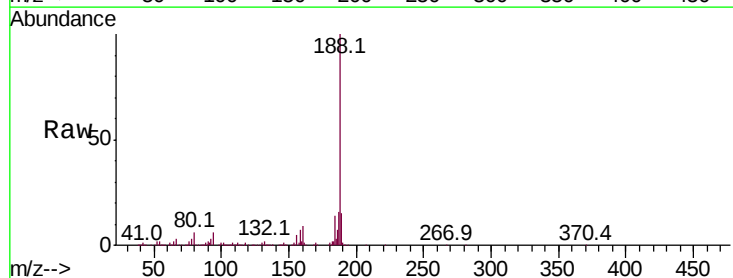
Instrument :
BNA_G
ClientSampleId :
GP-2 (10-12)

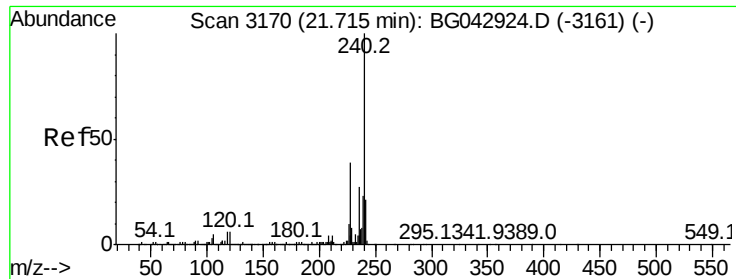
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.4	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG042981.D
Acq: 2 Oct 2019 00:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	6.5	6.5	9.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042981.D

Acq: 2 Oct 2019 00:07

Instrument :

BNA_G

ClientSampleId :

GP-2 (10-12)

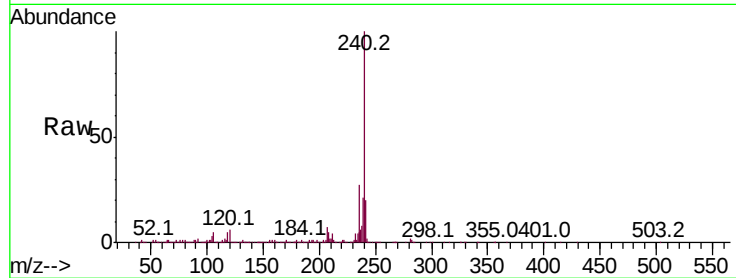
Tot Ion:240 Resp: 486653

Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

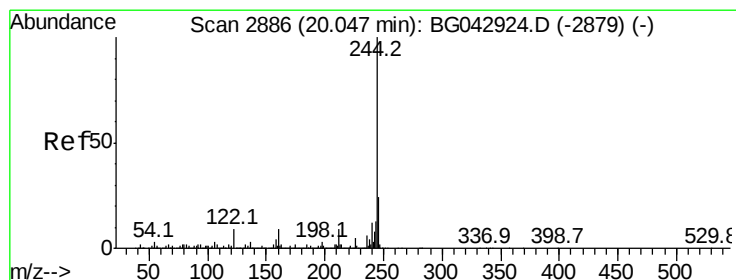
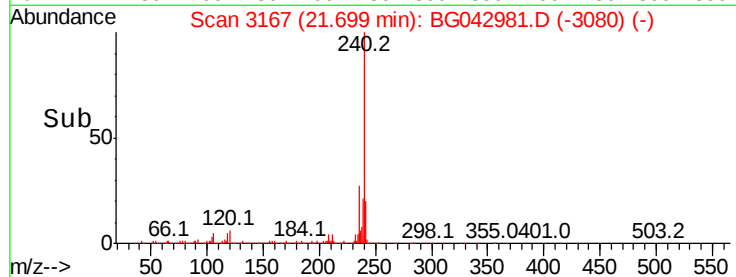
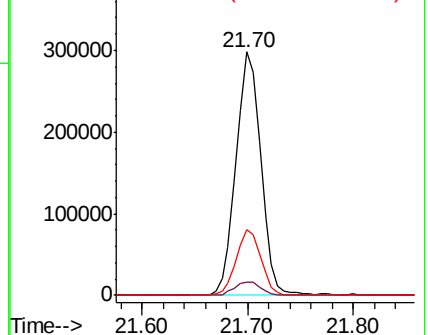
236 26.9 21.4 32.0



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: 63.026 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG042981.D

Acq: 2 Oct 2019 00:07

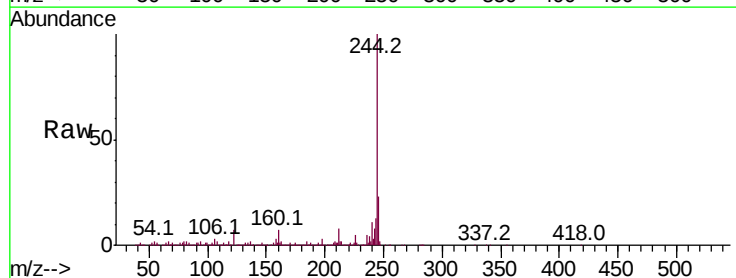
Tgt Ion:244 Resp: 1439396

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.0

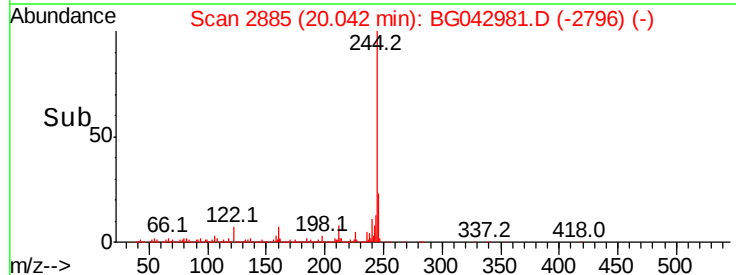
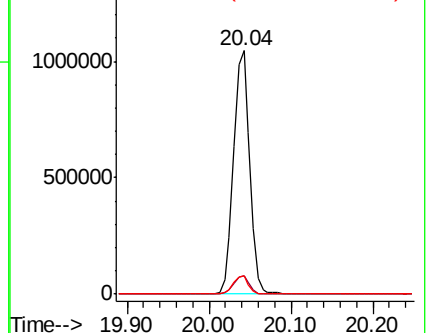
122 7.3 7.0 10.4

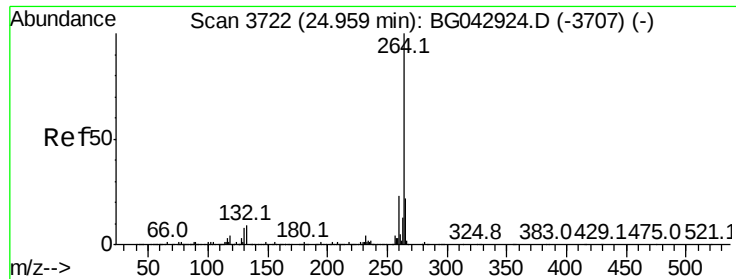


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.03 min
Lab File: BG042981.D
Acq: 2 Oct 2019 00:07

Instrument :
BNA_G
ClientSampleId :
GP-2 (10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.3	17.7	26.5

