

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042952.D
 Acq On : 30 Sep 2019 20:50
 Operator : JU
 Sample : PB123480BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123480BL

Quant Time: Oct 01 07:51:08 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

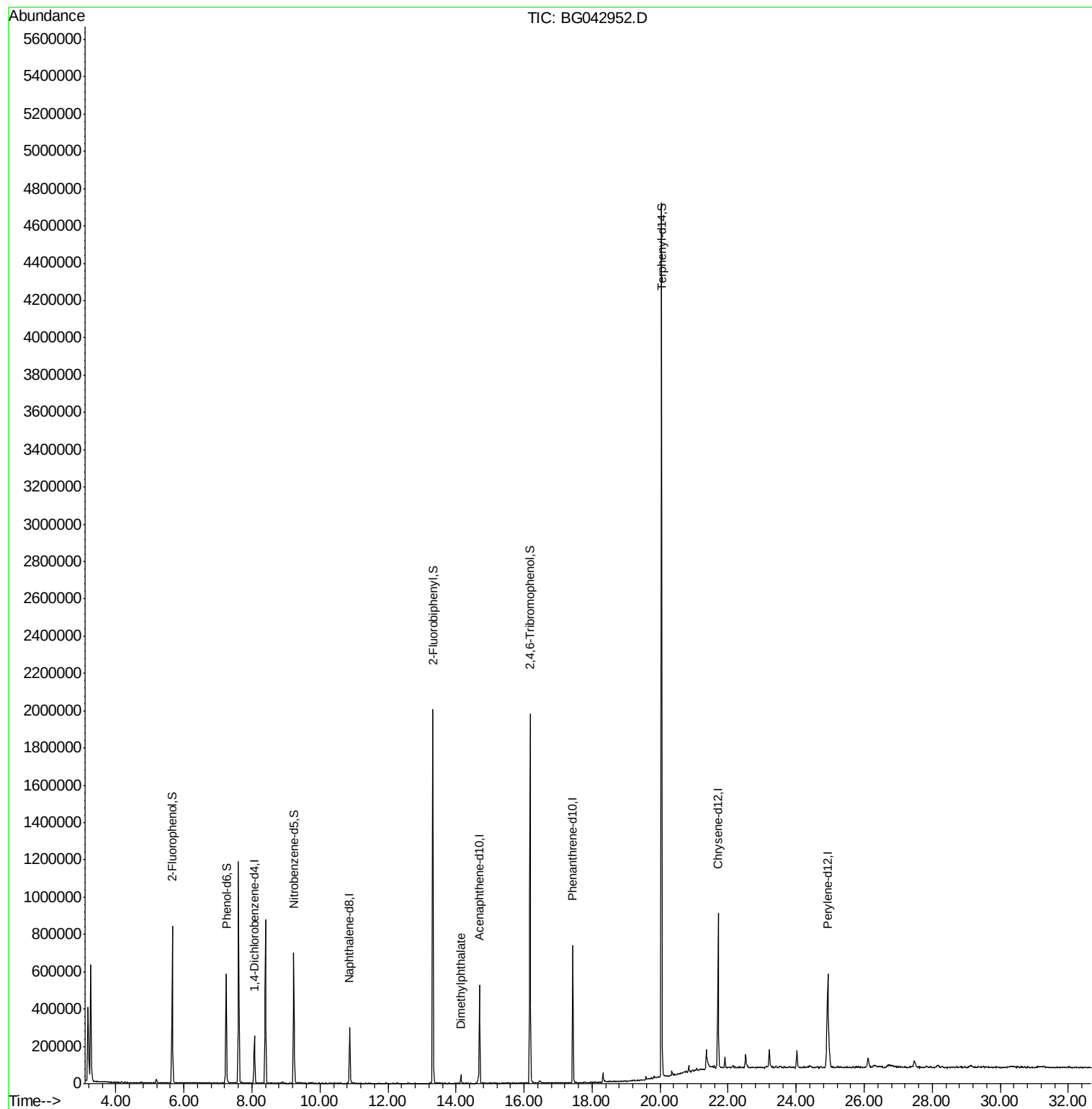
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	72073	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	259435	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	186796	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	442822	20.00	ng	0.00
76) Chrysene-d12	21.70	240	519300	20.00	ng	-0.01
87) Perylene-d12	24.93	264	587352	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	355115	87.93	ng	0.00
7) Phenol-d6	7.24	99	334346	57.49	ng	0.00
23) Nitrobenzene-d5	9.23	82	445963	83.55	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	405711	126.31	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1081570	83.94	ng	0.00
79) Terphenyl-d14	20.04	244	2241083	91.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	32966	2.355	ng	Qvalue # 94

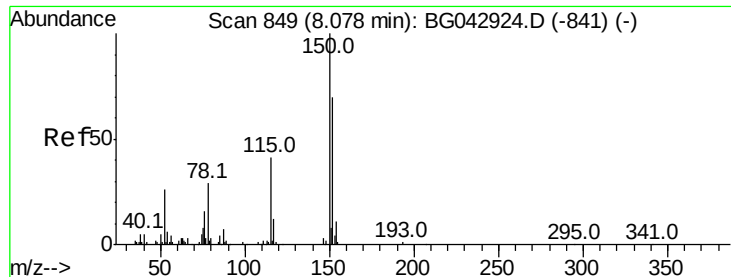
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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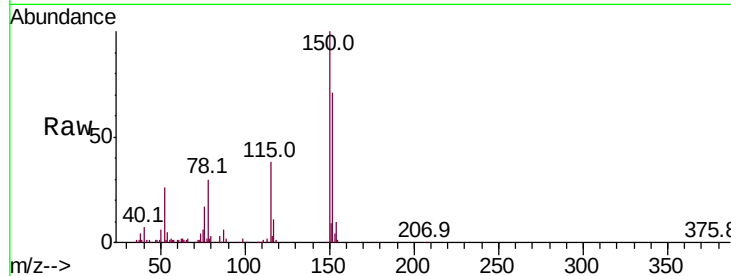


#1

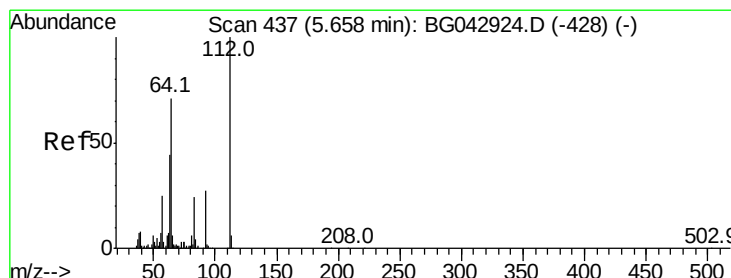
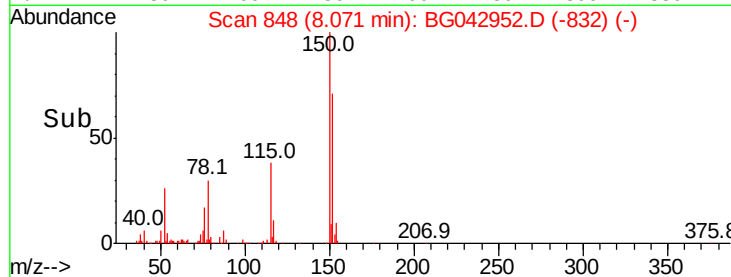
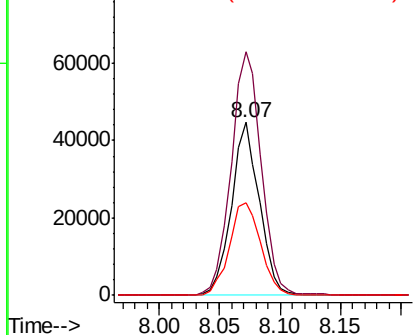
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042952.D
Acq: 30 Sep 2019 20:50

Instrument :
BNA_G
ClientSampleId :
PB123480BL

Tot Ion:152 Resp: 72073
Ion Ratio Lower Upper
152 100
150 140.9 115.0 172.4
115 53.5 47.0 70.6



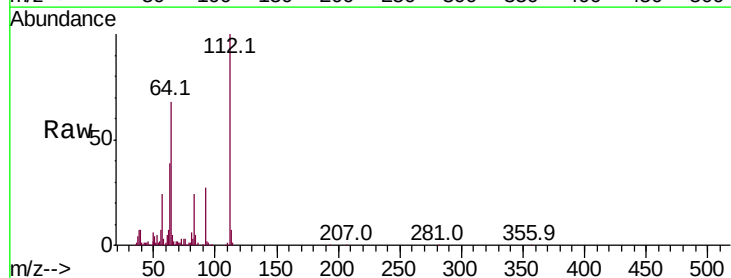
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



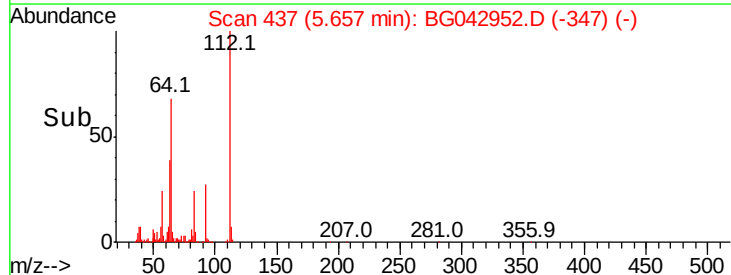
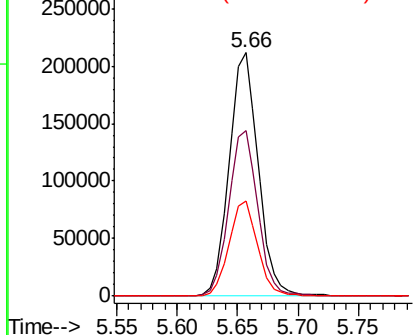
#5

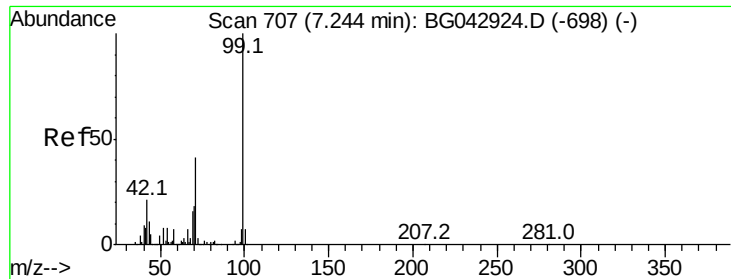
2-Fluorophenol
Concen: 87.931 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042952.D
Acq: 30 Sep 2019 20:50

Tgt Ion:112 Resp: 355115
Ion Ratio Lower Upper
112 100
64 68.0 56.6 84.8
63 39.1 35.1 52.7



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: 57.490 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG042952.D

Acq: 30 Sep 2019 20:50

Instrument :

BNA_G

ClientSampleId :

PB123480BL

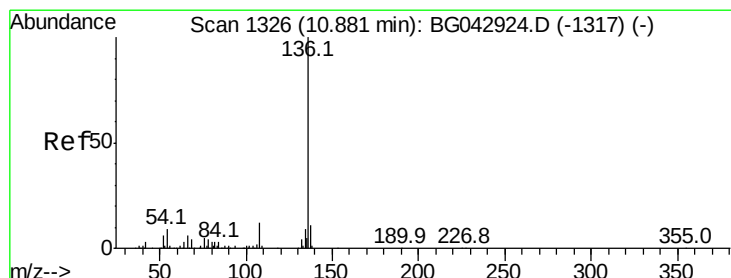
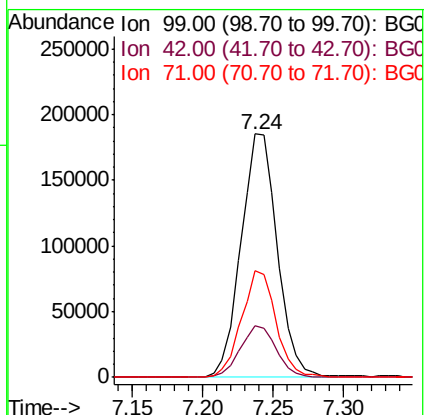
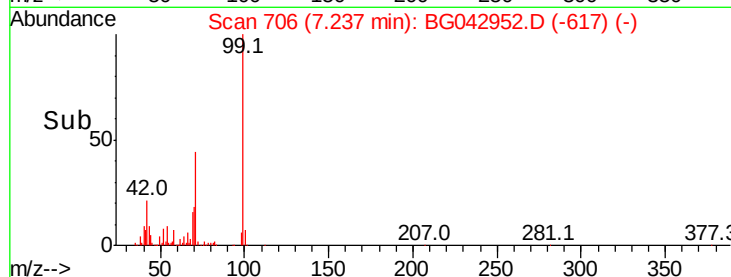
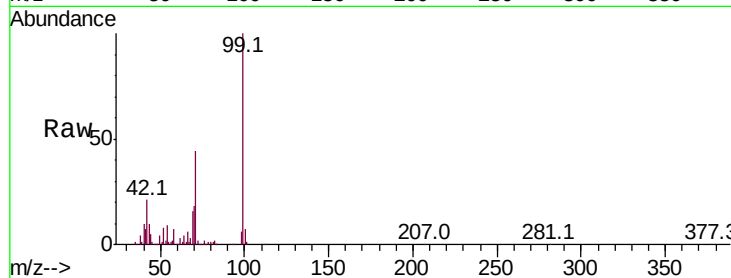
Tot Ion: 99 Resp: 334346

Ion Ratio Lower Upper

99 100

42 21.1 17.2 25.8

71 44.0 33.1 49.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042952.D

Acq: 30 Sep 2019 20:50

Tgt Ion: 136 Resp: 259435

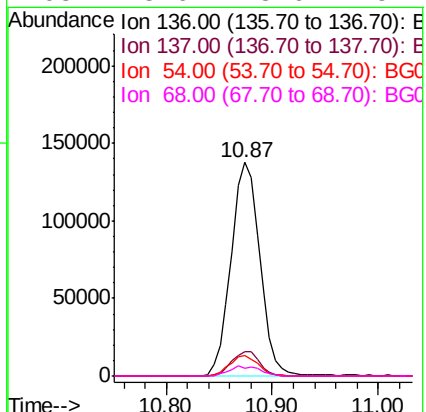
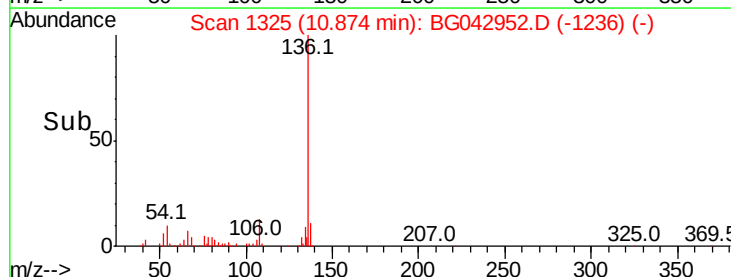
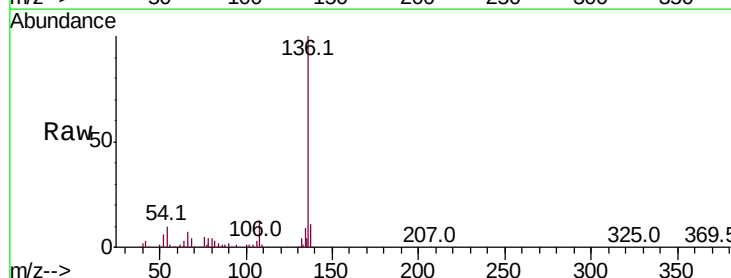
Ion Ratio Lower Upper

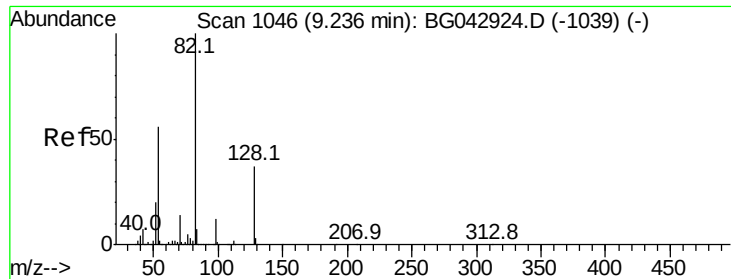
136 100

137 11.5 8.5 12.7

54 9.8 7.4 11.2

68 3.6 3.6 5.4

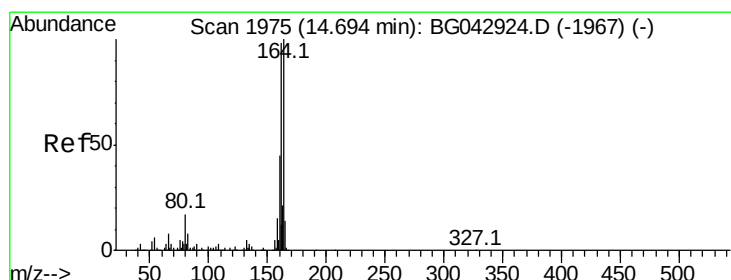
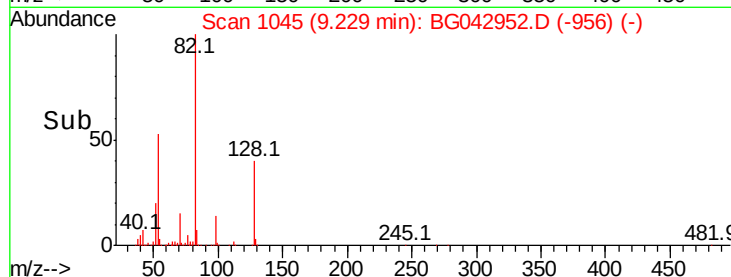
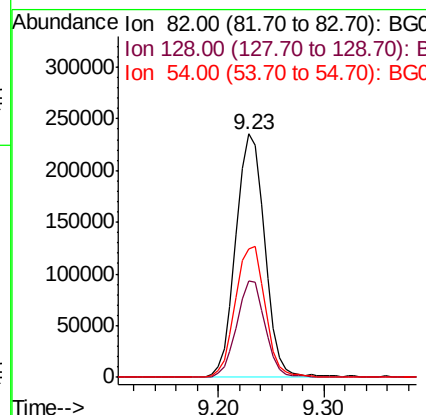
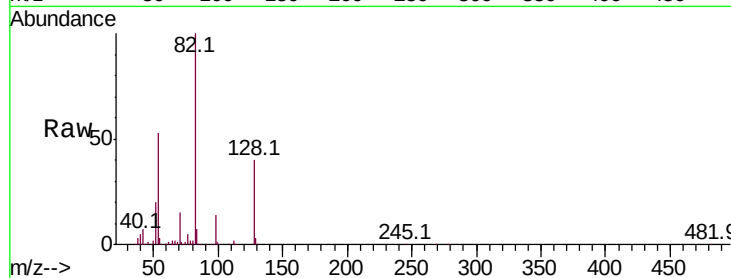




#23
 Nitrobenzene-d5
 Concen: 83.551 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042952.D
 Acq: 30 Sep 2019 20:50

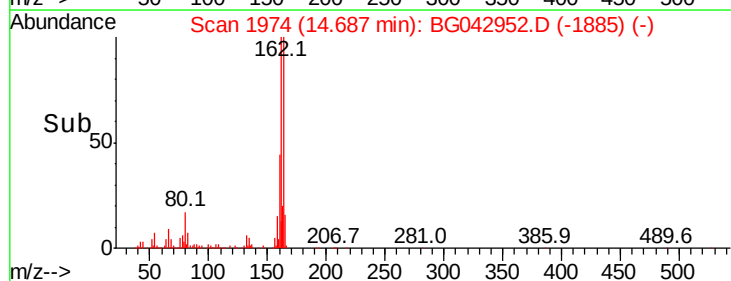
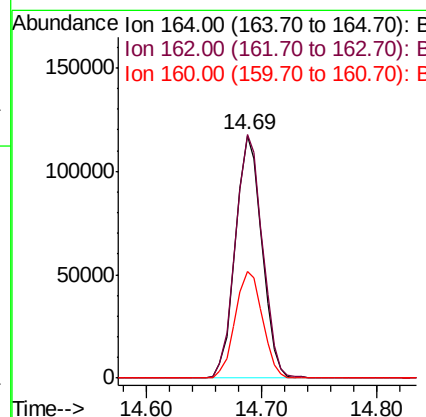
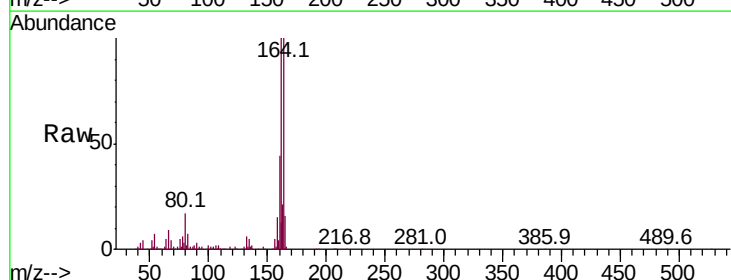
Instrument :
 BNA_G
 ClientSampleId :
 PB123480BL

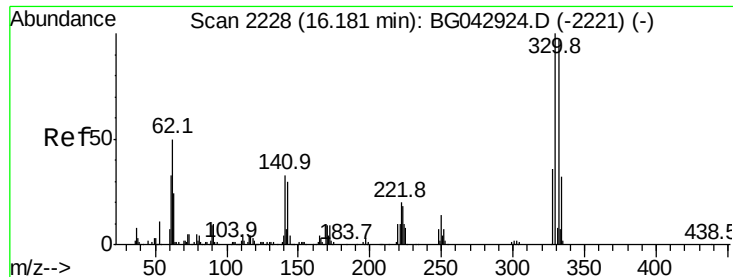
Tot Ion	82	Resp	445963
Ion Ratio	Lower	Upper	
82	100		
128	39.6	29.5	44.3
54	52.8	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG042952.D
 Acq: 30 Sep 2019 20:50

Tgt Ion	164	Resp	186796
Ion Ratio	Lower	Upper	
164	100		
162	100.4	78.5	117.7
160	44.2	35.9	53.9

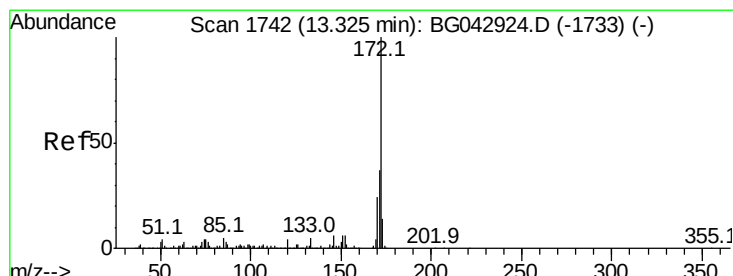
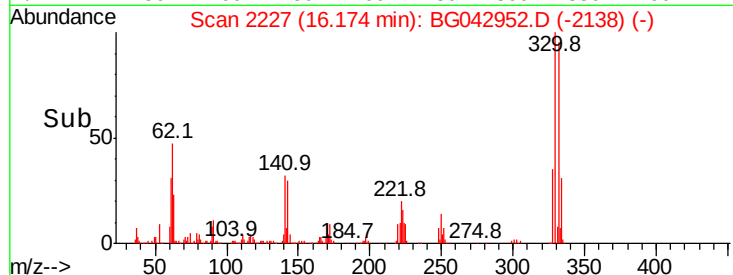
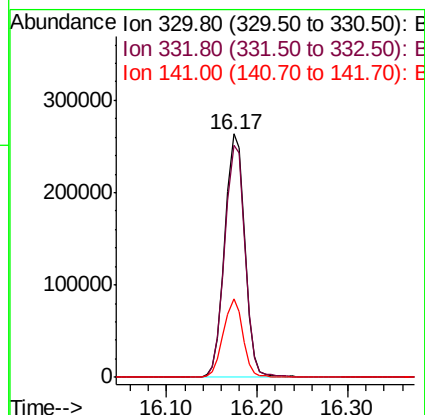
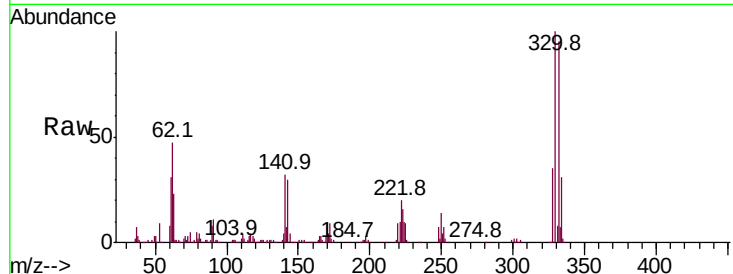




#42
 2,4,6-Tribromophenol
 Concen: 126.308 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG042952.D
 Acq: 30 Sep 2019 20:50

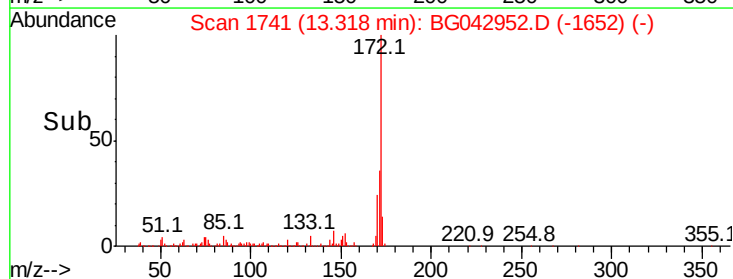
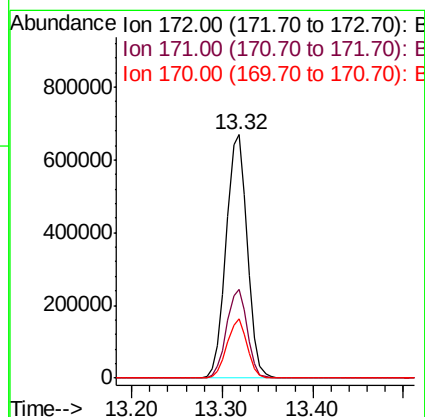
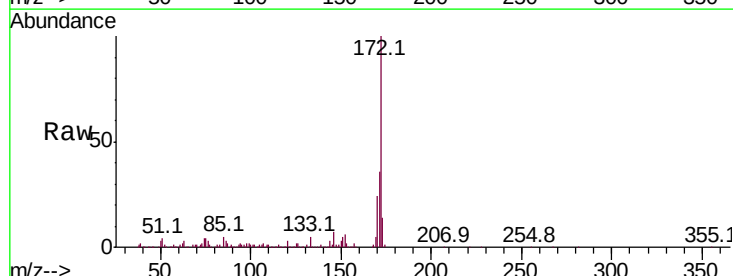
Instrument :
 BNA_G
 ClientSampleId :
 PB123480BL

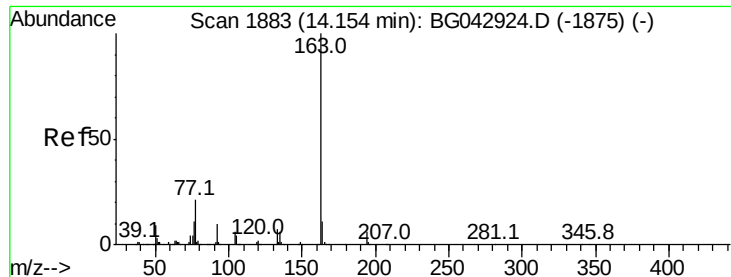
Tot Ion:330 Resp: 405711
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.2 117.2
 141 31.4 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 83.939 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042952.D
 Acq: 30 Sep 2019 20:50

Tgt Ion:172 Resp: 1081570
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.4 19.6 29.4





#50

Dimethylphthalate

Concen: 2.355 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG042952.D

Acq: 30 Sep 2019 20:50

Instrument :

BNA_G

ClientSampleId :

PB123480BL

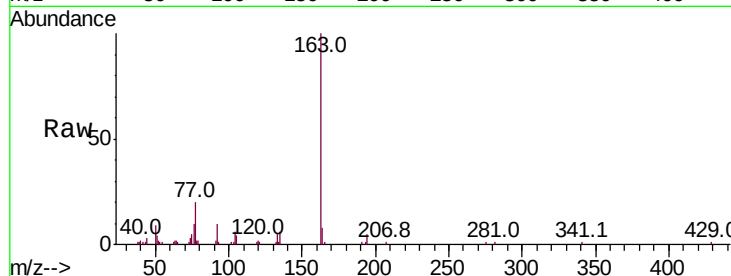
Tot Ion:163 Resp: 32966

Ion Ratio Lower Upper

163 100

194 4.5 4.4 6.6

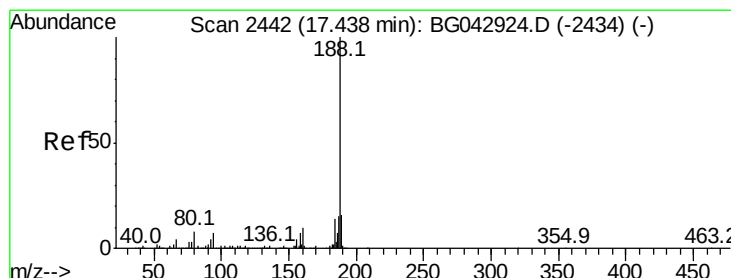
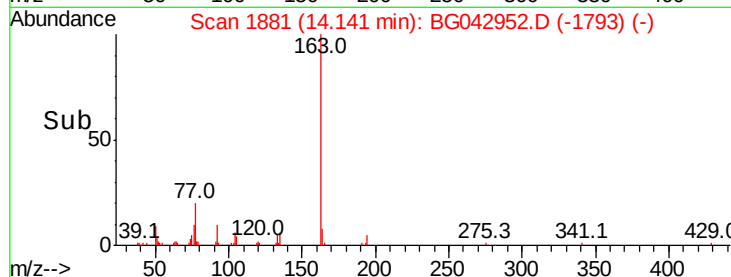
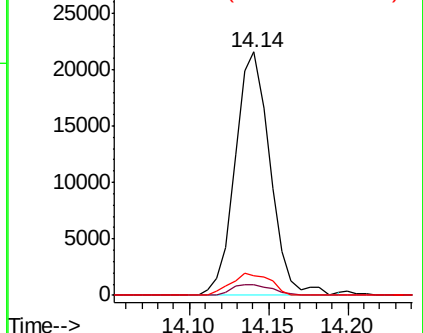
164 8.1 8.6 12.8#



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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042952.D

Acq: 30 Sep 2019 20:50

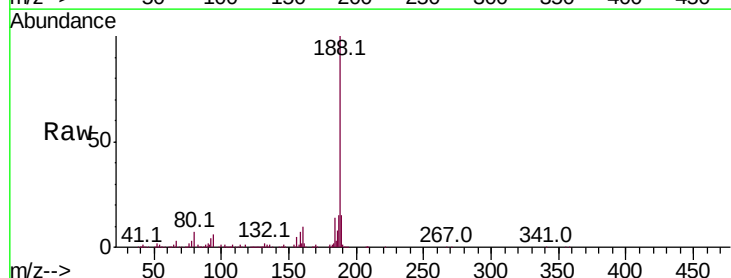
Tgt Ion:188 Resp: 442822

Ion Ratio Lower Upper

188 100

94 5.9 5.7 8.5

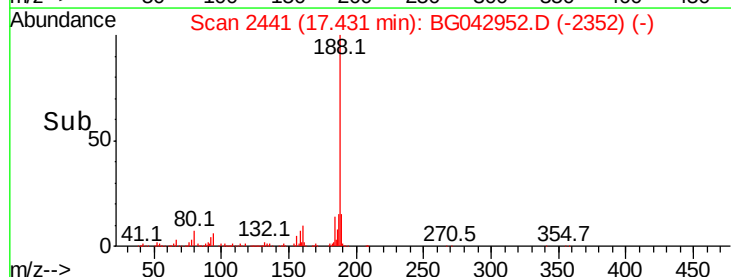
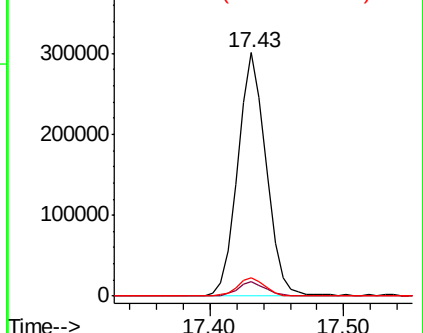
80 7.3 6.5 9.7

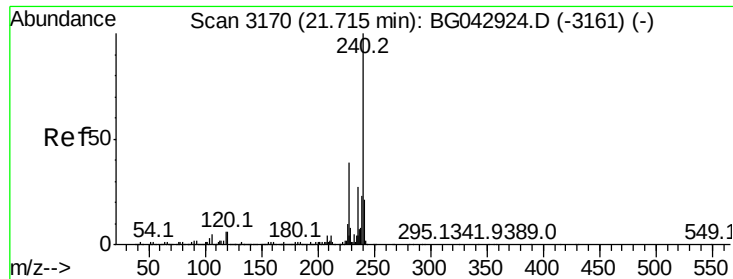


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042952.D

Acq: 30 Sep 2019 20:50

Instrument :

BNA_G

ClientSampleId :

PB123480BL

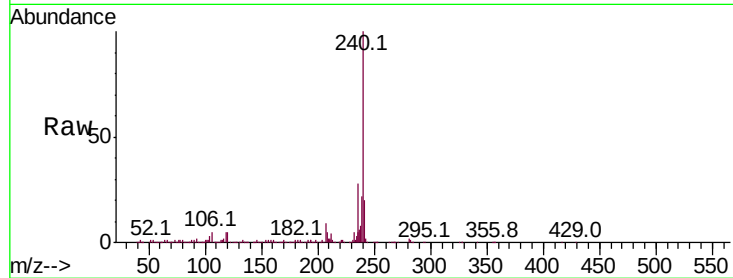
Tot Ion:240 Resp: 519300

Ion Ratio Lower Upper

240 100

120 4.9 4.8 7.2

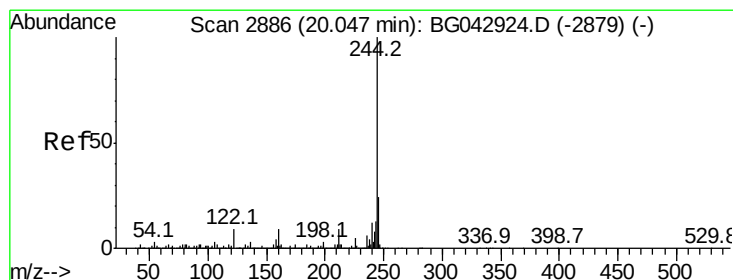
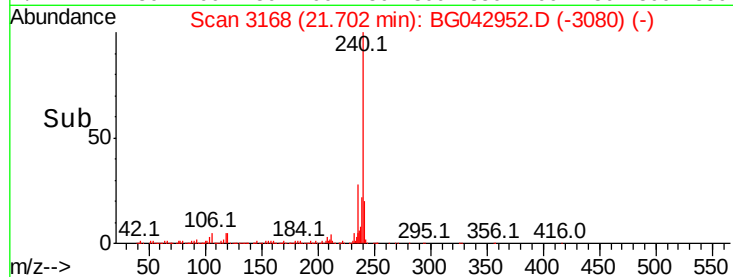
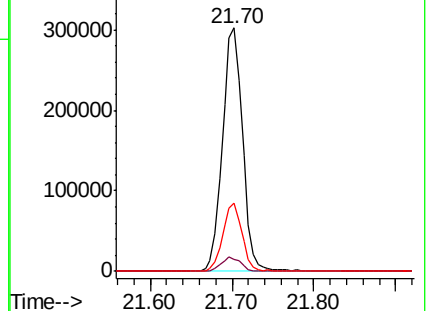
236 27.8 21.4 32.0



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: 91.960 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042952.D

Acq: 30 Sep 2019 20:50

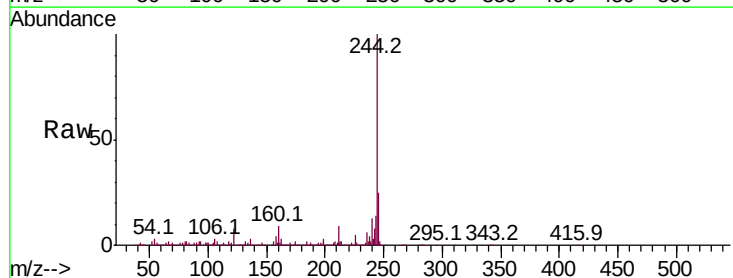
Tgt Ion:244 Resp: 2241083

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

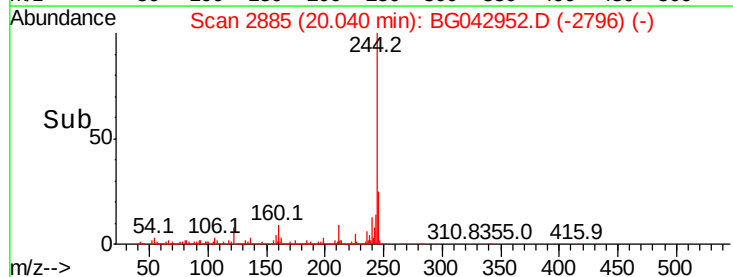
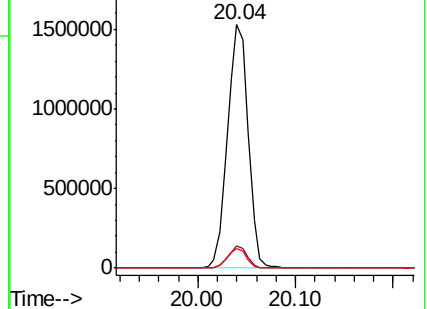
122 8.3 7.0 10.4

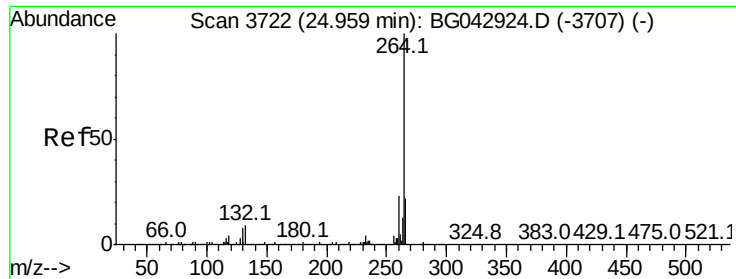


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042952.D
Acq: 30 Sep 2019 20:50

Instrument :
BNA_G
ClientSampleId :
PB123480BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.9	17.7	26.5

