

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042335.D
 Acq On : 19 Aug 2019 20:31
 Operator : HP/JU
 Sample : K4237-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-07(13-14)

Quant Time: Aug 20 06:27:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

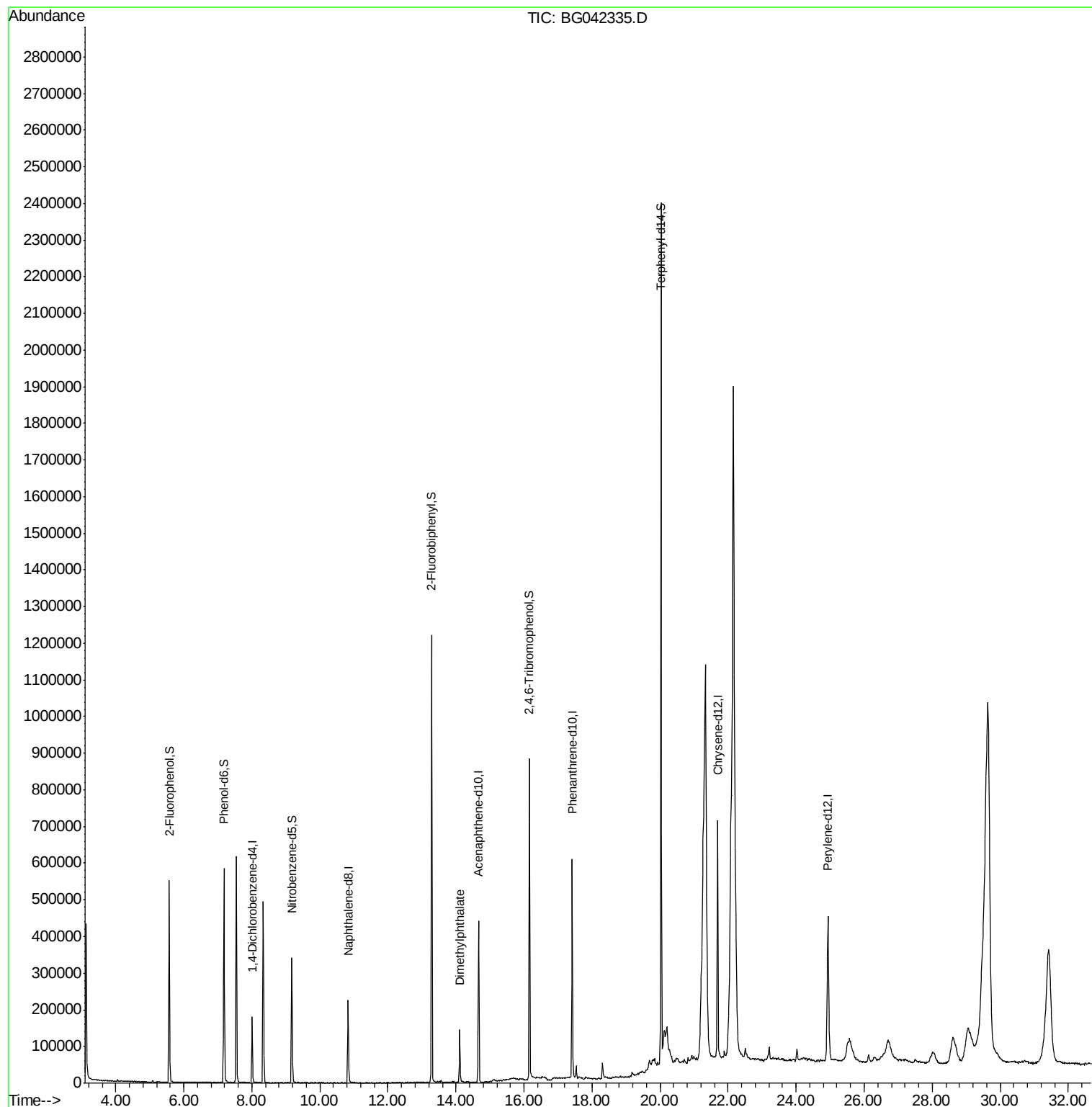
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	58916	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	236640	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	175162	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	391464	20.00	ng	0.00
76) Chrysene-d12	21.69	240	401947	20.00	ng	0.00
87) Perylene-d12	24.93	264	480624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	286769	98.62	ng	0.00
7) Phenol-d6	7.18	99	405789	102.75	ng	0.01
23) Nitrobenzene-d5	9.17	82	221902	65.95	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	211450	88.63	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	706949	68.30	ng	0.00
79) Terphenyl-d14	20.03	244	1169322	63.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	116528	9.362	ng	Qvalue 100

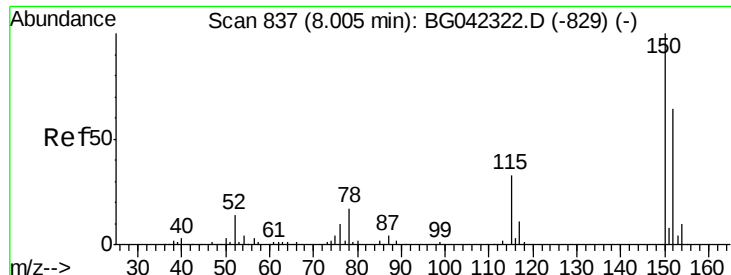
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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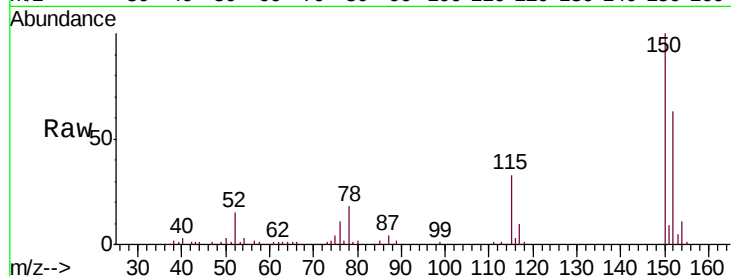


#1

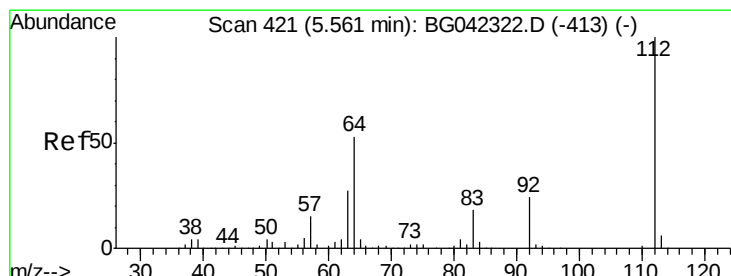
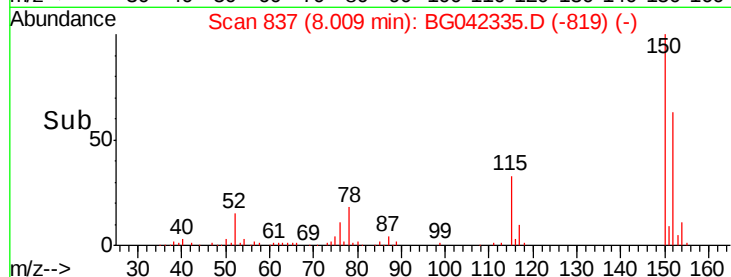
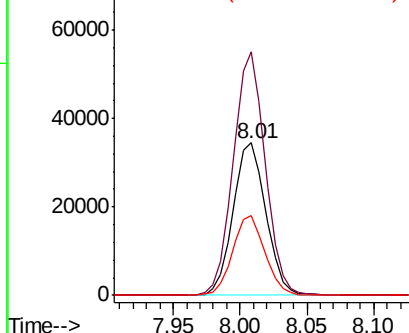
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG042335.D
 Acq: 19 Aug 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 SB-07(13-14)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.3	186.5
115	52.3	40.5	60.7



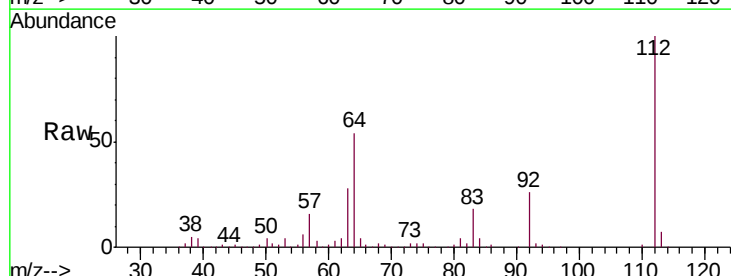
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



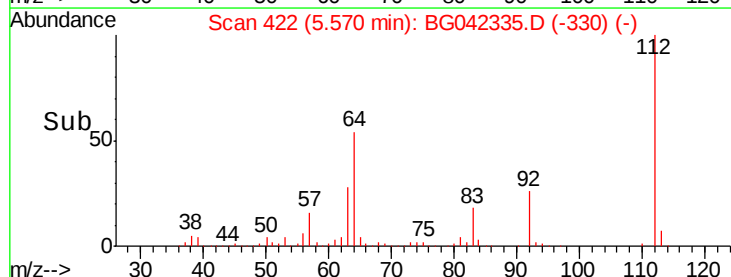
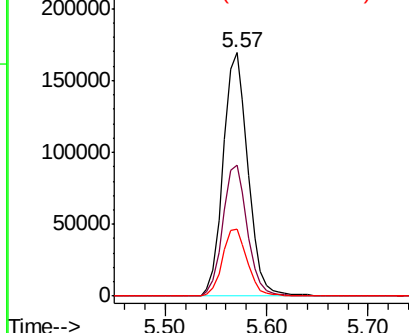
#5

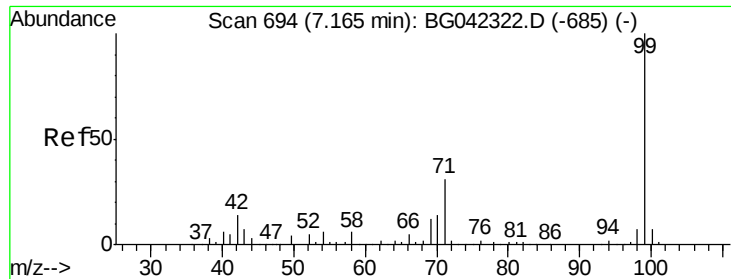
2-Fluorophenol
 Concen: 98.619 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: BG042335.D
 Acq: 19 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.5	63.7
63	27.7	21.7	32.5



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: 102.752 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042335.D

Acq: 19 Aug 2019 20:31

Instrument :

BNA_G

ClientSampleId :

SB-07(13-14)

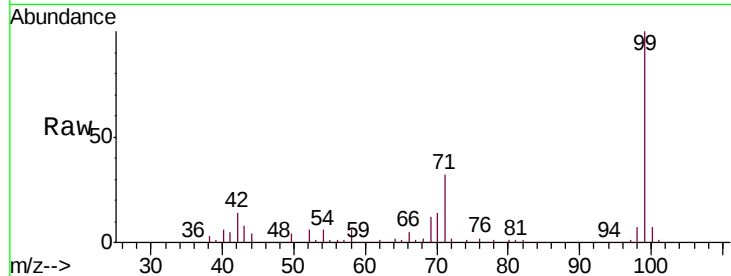
Tot Ion: 99 Resp: 405789

Ion Ratio Lower Upper

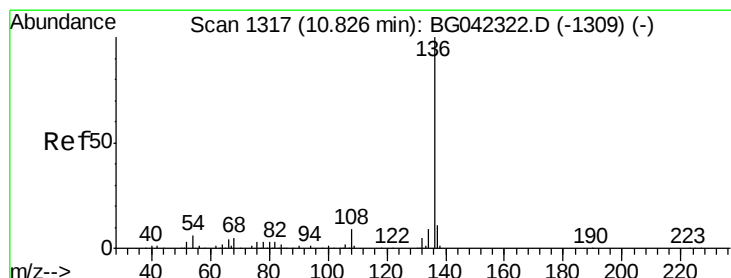
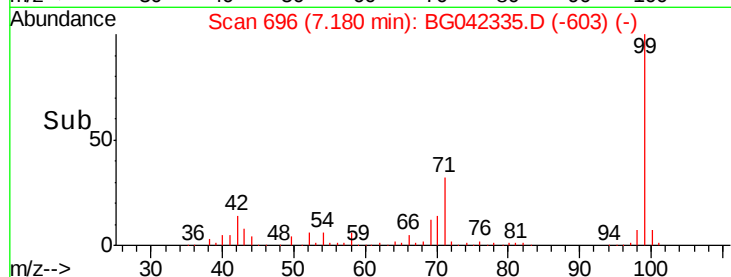
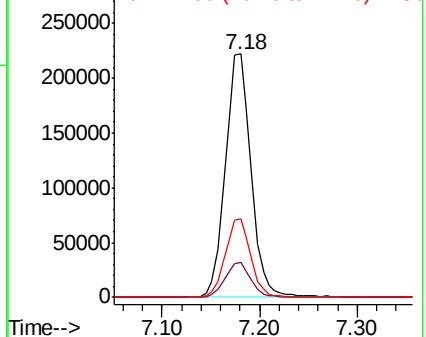
99 100

42 14.2 11.4 17.0

71 32.4 25.1 37.7



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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042335.D

Acq: 19 Aug 2019 20:31

Tgt Ion: 136 Resp: 236640

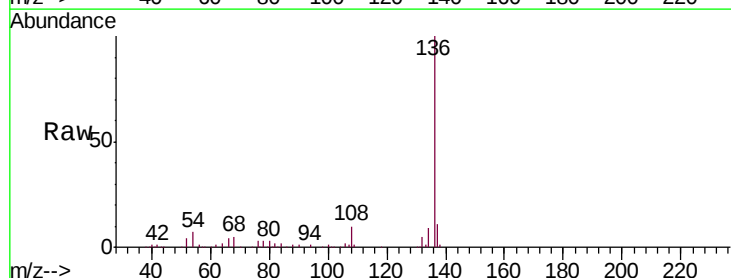
Ion Ratio Lower Upper

136 100

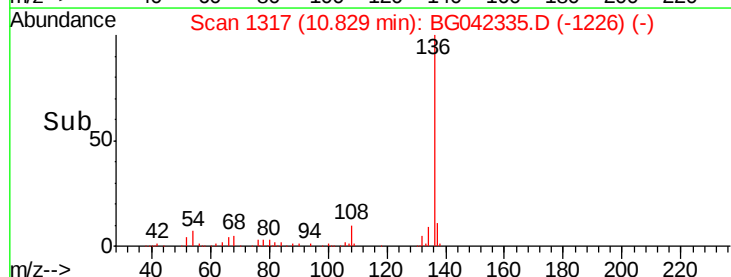
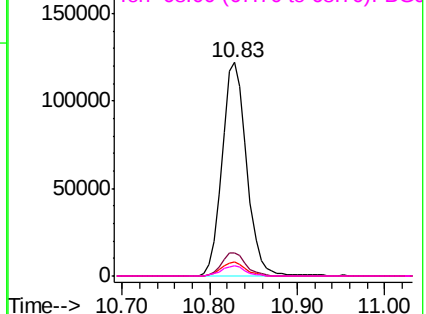
137 10.8 8.4 12.6

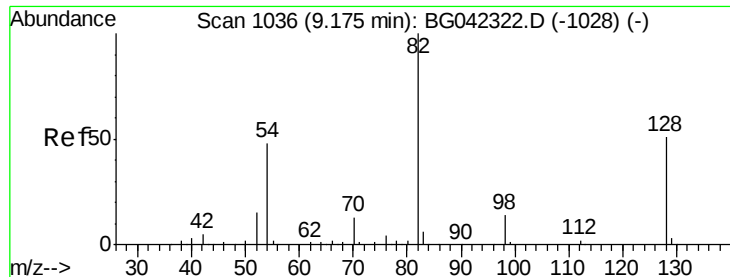
54 6.5 5.0 7.4

68 4.6 3.8 5.8



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

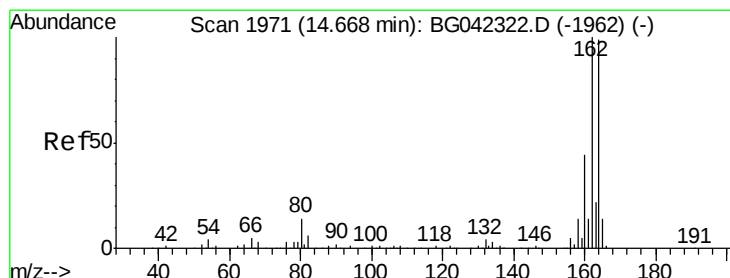
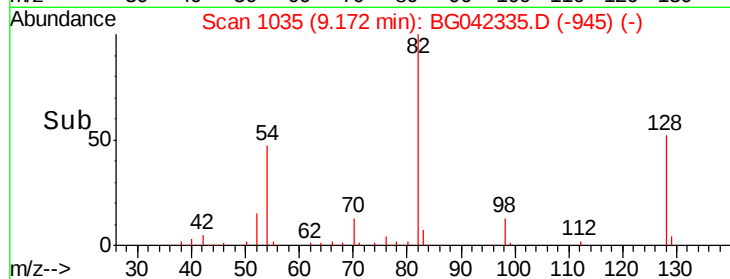
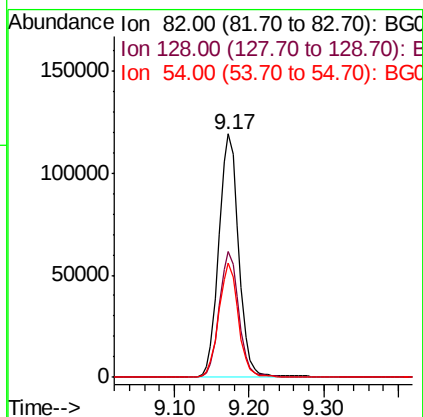
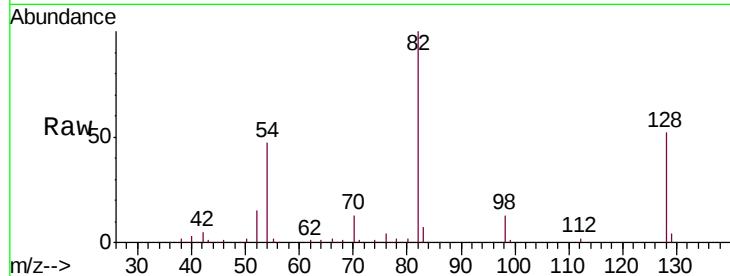




#23
Nitrobenzene-d5
Concen: 65.953 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042335.D
Acq: 19 Aug 2019 20:31

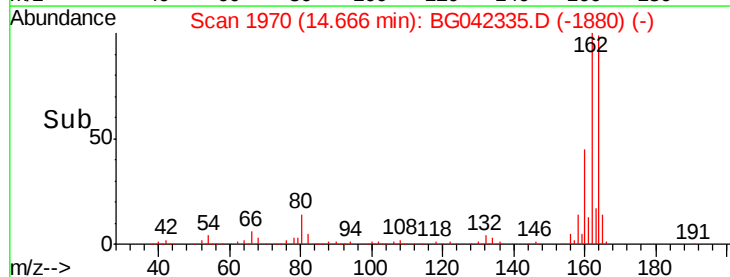
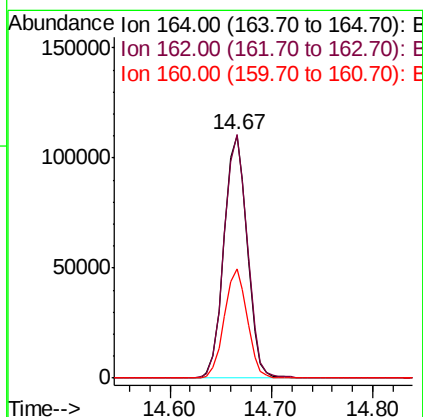
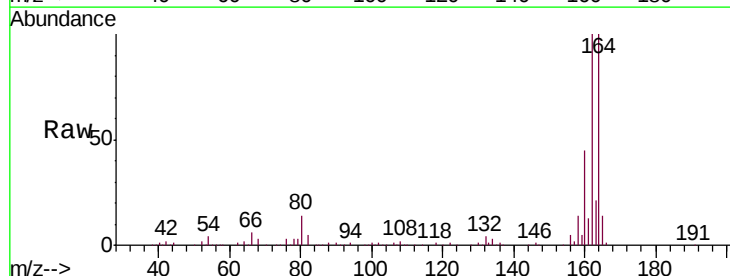
Instrument :
BNA_G
ClientSampleId :
SB-07(13-14)

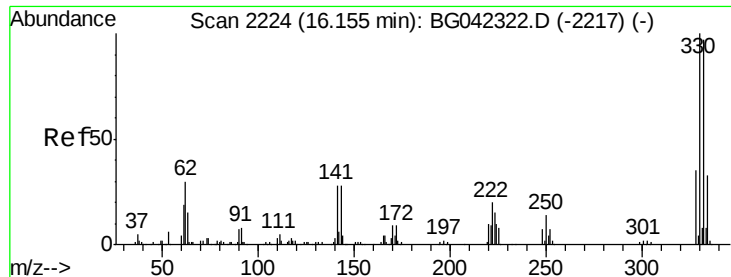
Tot Ion: 82 Resp: 221902
Ion Ratio Lower Upper
82 100
128 51.7 41.0 61.4
54 46.9 38.0 57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042335.D
Acq: 19 Aug 2019 20:31

Tgt Ion:164 Resp: 175162
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 88.633 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042335.D

Acq: 19 Aug 2019 20:31

Instrument :

BNA_G

ClientSampleId :

SB-07(13-14)

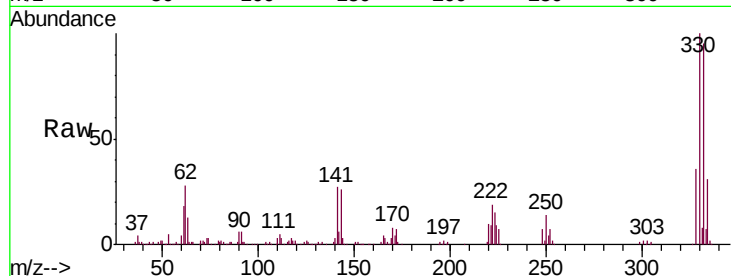
Tot Ion:330 Resp: 211450

Ion Ratio Lower Upper

330 100

332 94.4 76.9 115.3

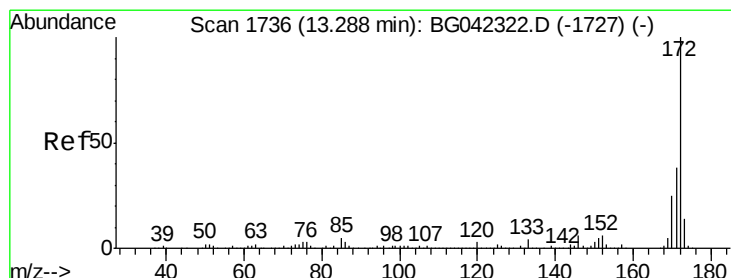
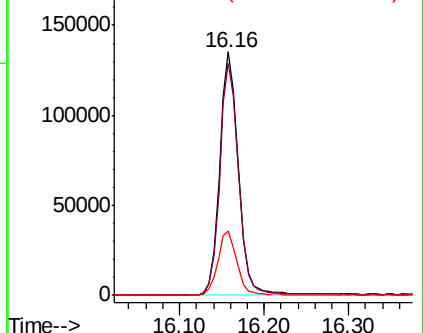
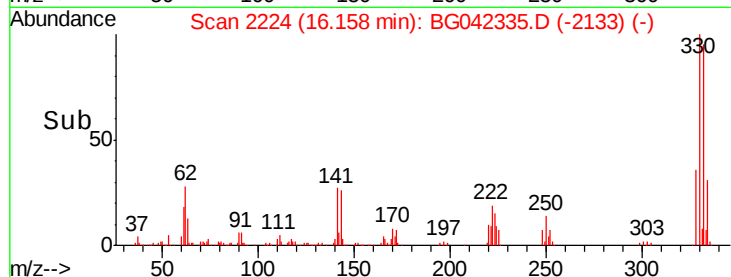
141 26.7 21.8 32.6



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: 68.295 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042335.D

Acq: 19 Aug 2019 20:31

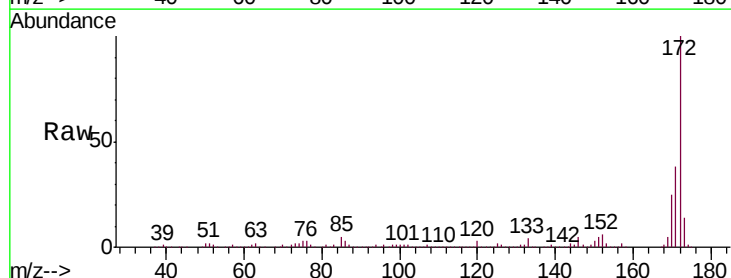
Tgt Ion:172 Resp: 706949

Ion Ratio Lower Upper

172 100

171 37.5 30.3 45.5

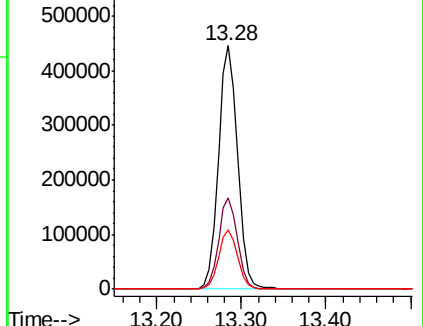
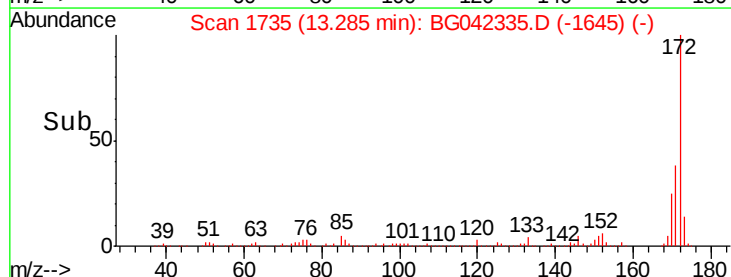
170 24.5 20.0 30.0

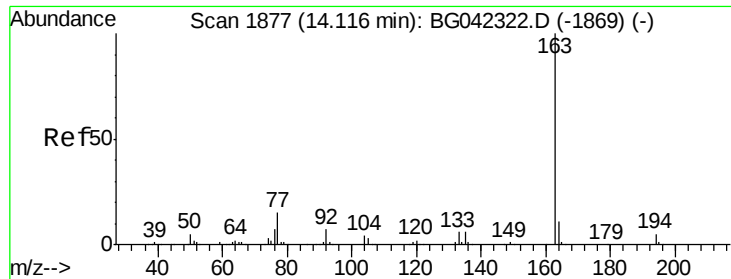


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.362 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042335.D

Acq: 19 Aug 2019 20:31

Instrument :

BNA_G

ClientSampleId :

SB-07(13-14)

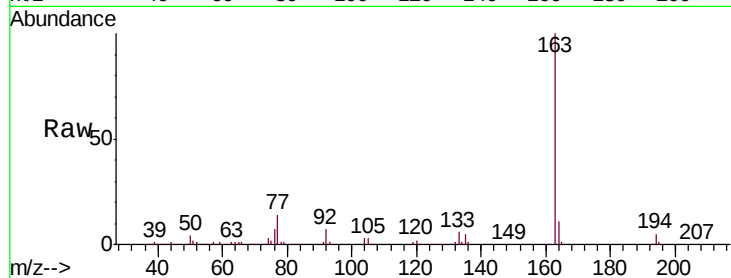
Tot Ion:163 Resp: 116528

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

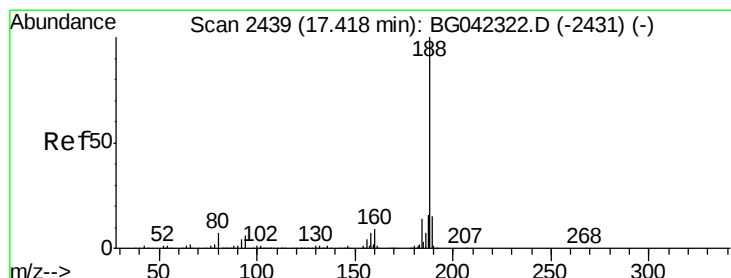
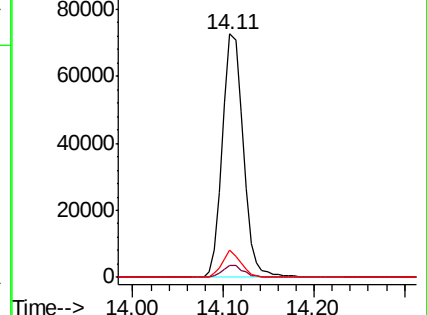
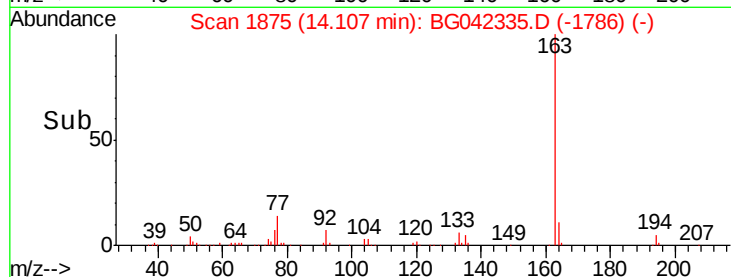
164 11.1 8.8 13.2



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: 17.42 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042335.D

Acq: 19 Aug 2019 20:31

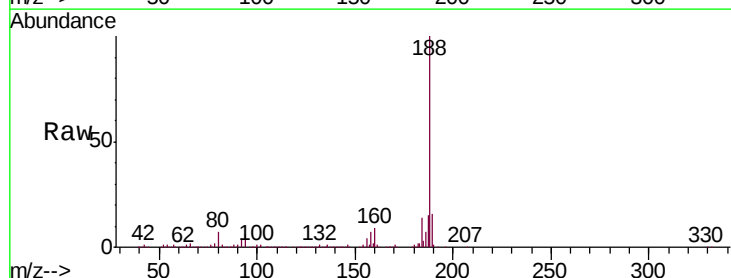
Tgt Ion:188 Resp: 391464

Ion Ratio Lower Upper

188 100

94 5.8 4.9 7.3

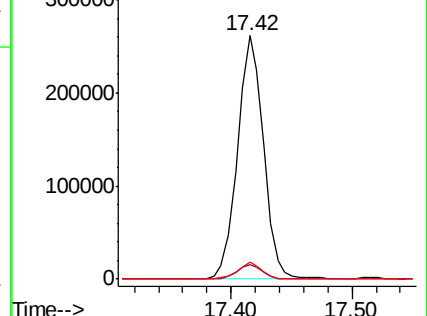
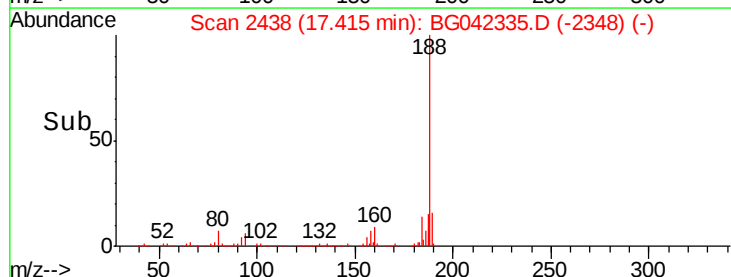
80 6.8 5.4 8.0

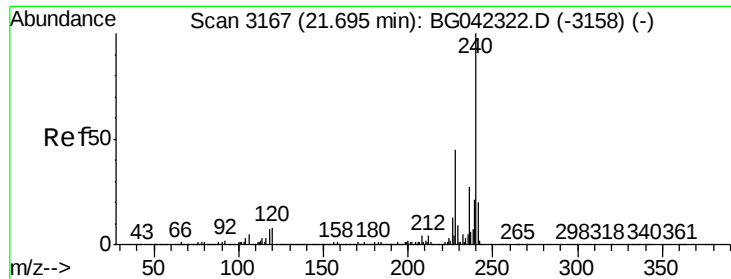


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

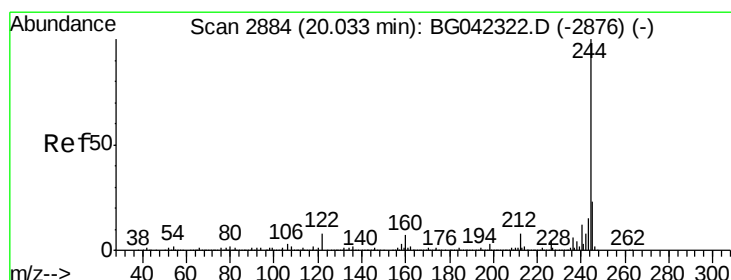
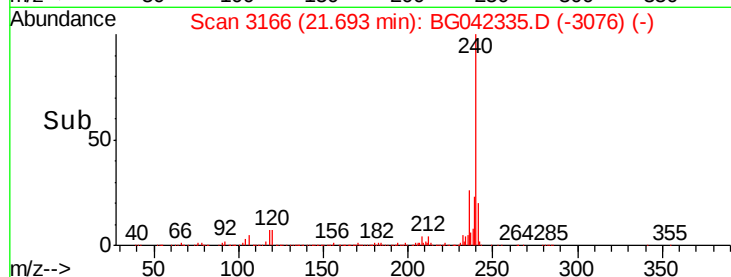
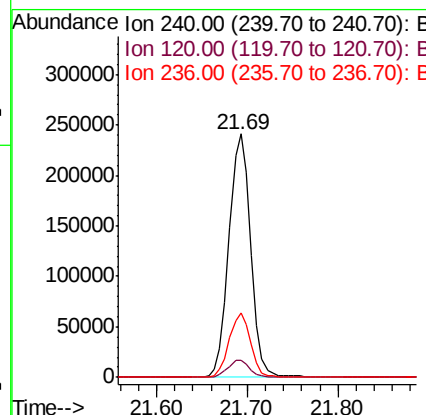
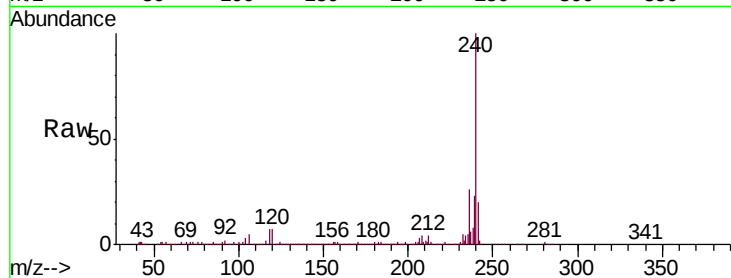




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042335.D
Acq: 19 Aug 2019 20:31

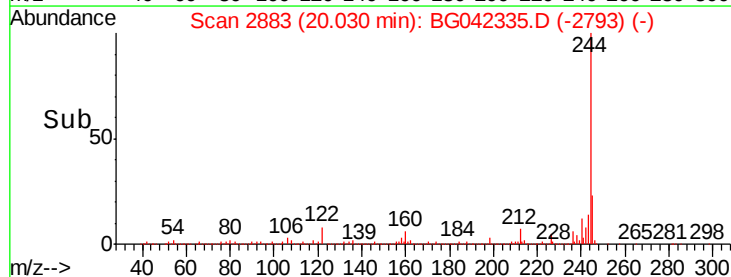
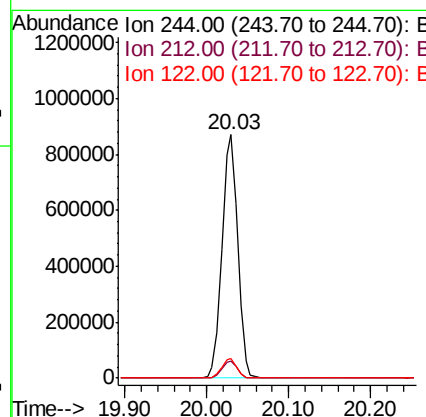
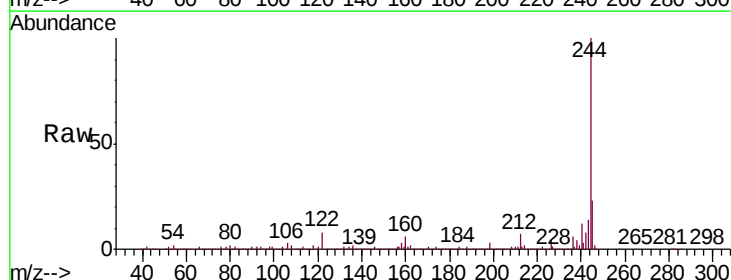
Instrument :
BNA_G
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SB-07(13-14)

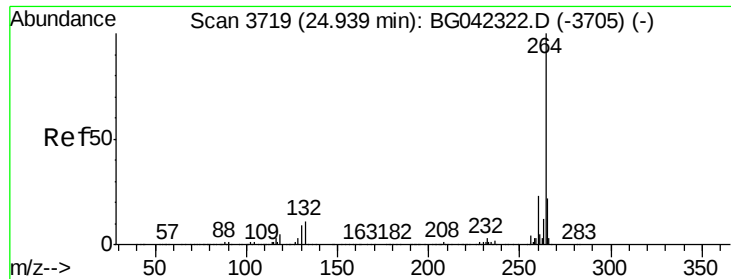
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.0	9.0
236	26.3	21.6	32.4



#79
Terphenyl-d14
Concen: 63.719 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042335.D
Acq: 19 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	8.1	6.6	10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042335.D
Acq: 19 Aug 2019 20:31

Instrument :
BNA_G
ClientSampleId :
SB-07(13-14)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.4	17.4	26.0

