

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042340.D
 Acq On : 19 Aug 2019 23:43
 Operator : HP/JU
 Sample : K4332-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0619-COMP-A

Quant Time: Aug 20 06:58:28 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

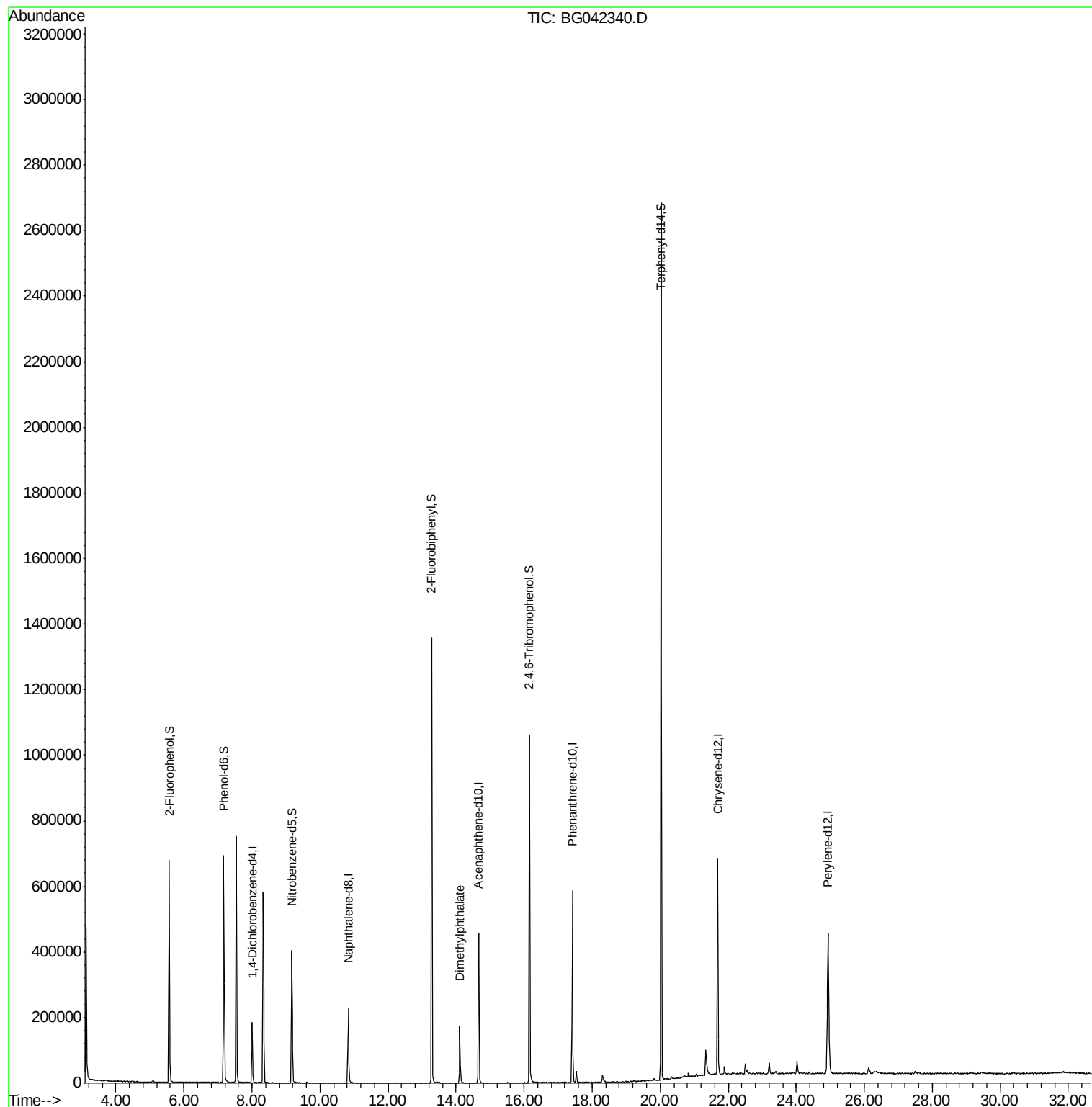
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60598	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	241390	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	179372	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	403244	20.00	ng	0.00
76) Chrysene-d12	21.69	240	421030	20.00	ng	0.00
87) Perylene-d12	24.93	264	501279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	348306	116.46	ng	0.00
7) Phenol-d6	7.17	99	489893	120.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	265299	77.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	258892	105.97	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	809580	76.37	ng	0.00
79) Terphenyl-d14	20.03	244	1364933	71.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	153853	12.071	ng	Qvalue 99

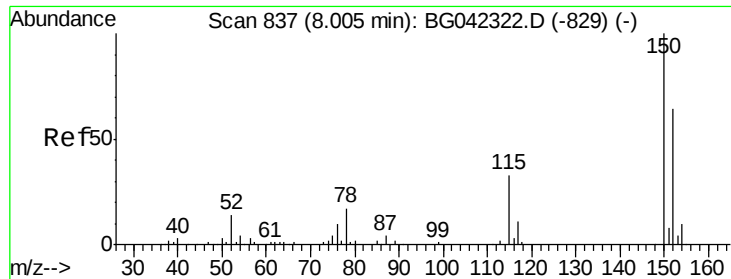
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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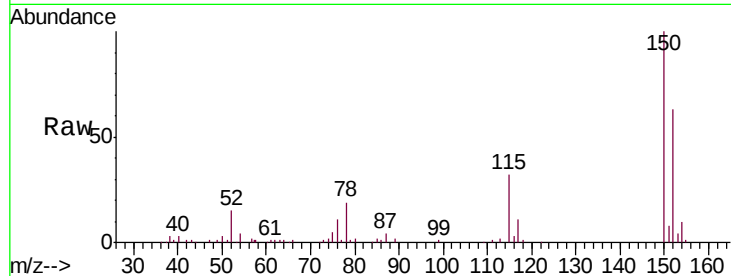


#1

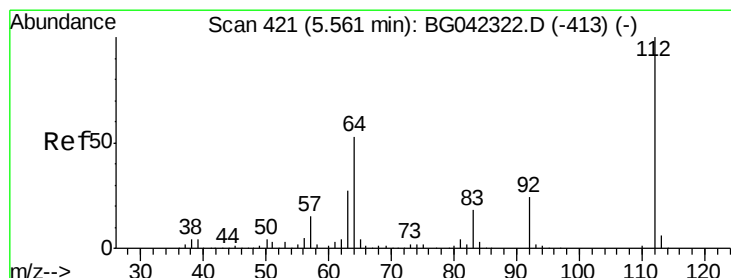
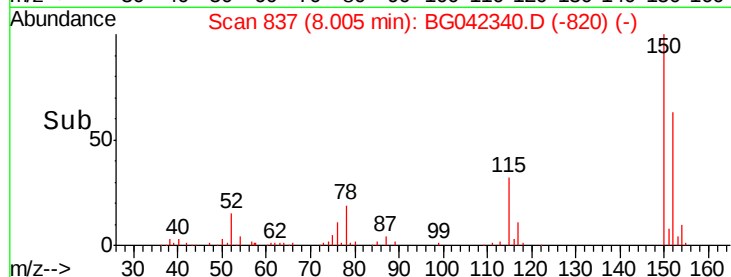
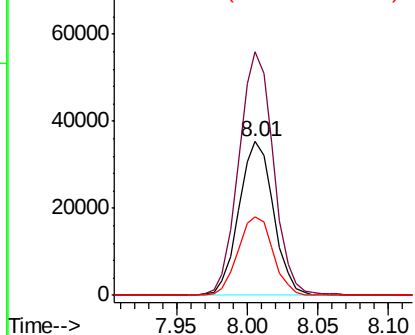
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Instrument :
BNA_G
ClientSampleId :
0619-COMP-A

Tot Ion:152 Resp: 60598
Ion Ratio Lower Upper
152 100
150 158.5 124.3 186.5
115 51.2 40.5 60.7



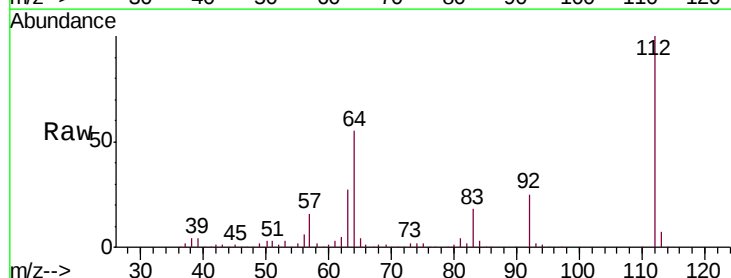
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



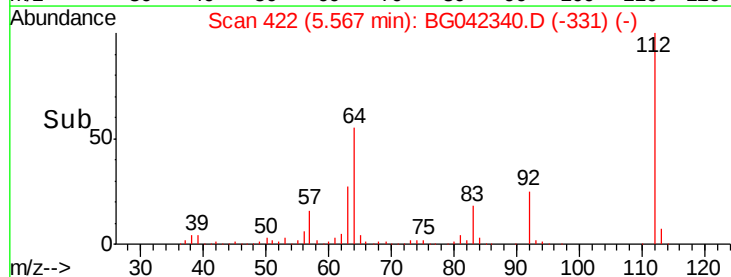
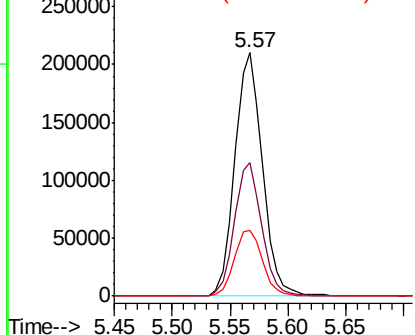
#5

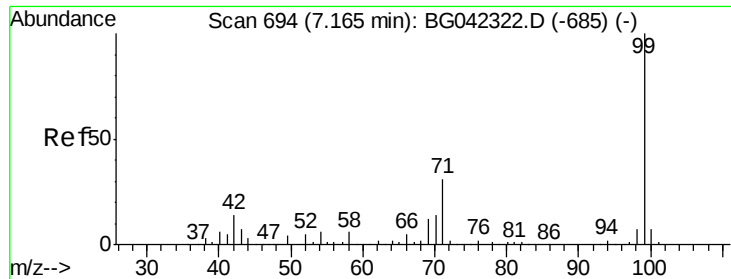
2-Fluorophenol
Concen: 116.456 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion:112 Resp: 348306
Ion Ratio Lower Upper
112 100
64 54.6 42.5 63.7
63 27.2 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: 120.605 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

0619-COMP-A

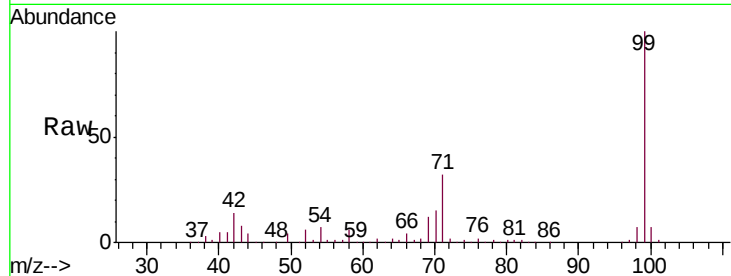
Tot Ion: 99 Resp: 489893

Ion Ratio Lower Upper

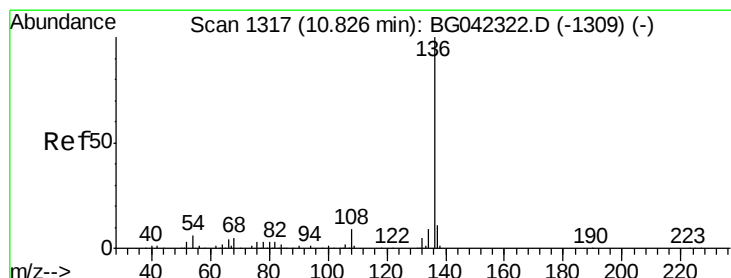
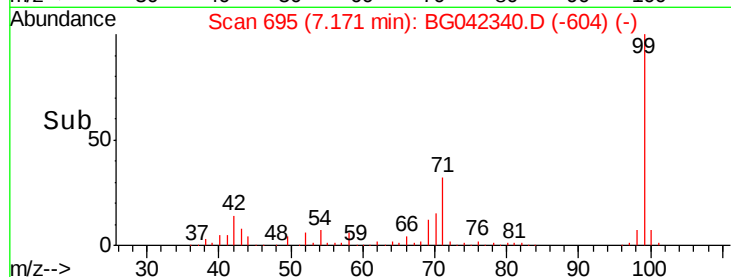
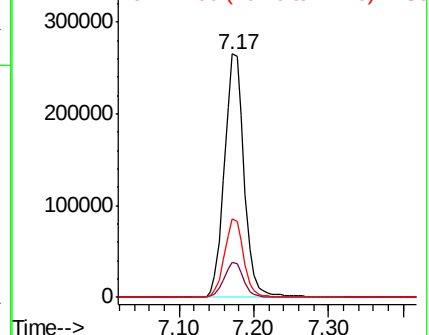
99 100

42 14.2 11.4 17.0

71 32.3 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# 1318

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Tgt Ion: 136 Resp: 241390

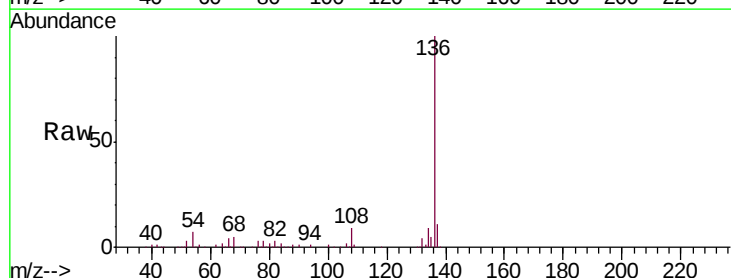
Ion Ratio Lower Upper

136 100

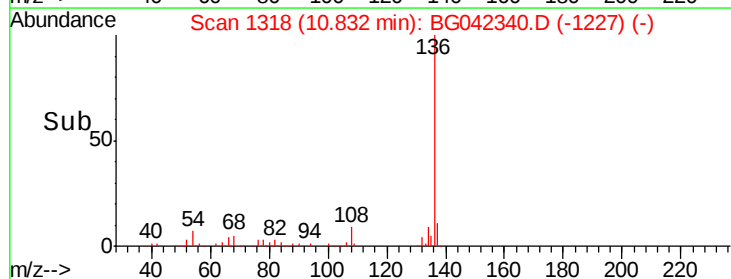
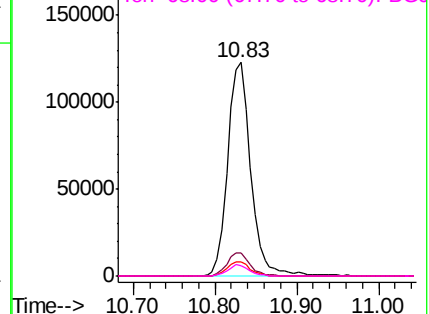
137 11.1 8.4 12.6

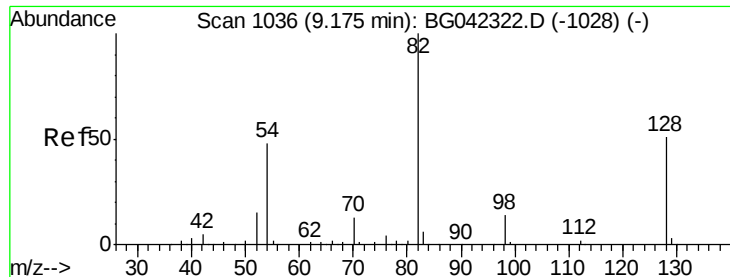
54 6.6 5.0 7.4

68 4.5 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

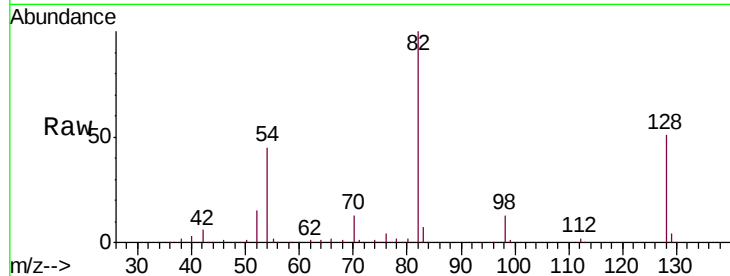




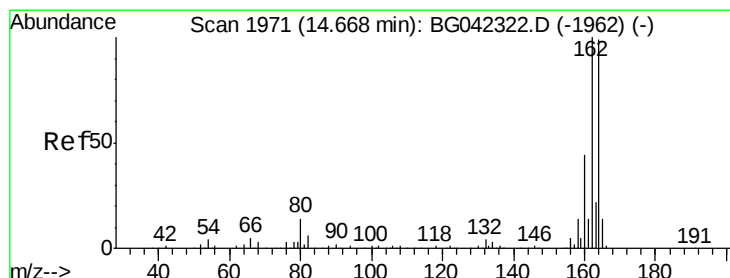
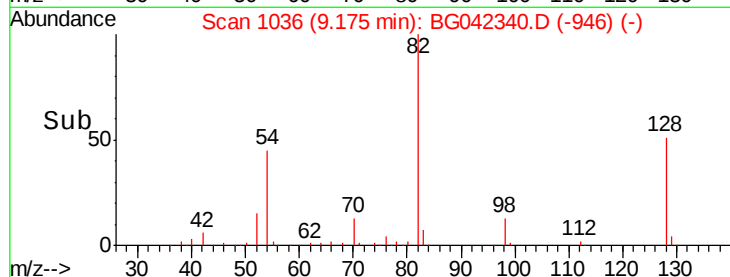
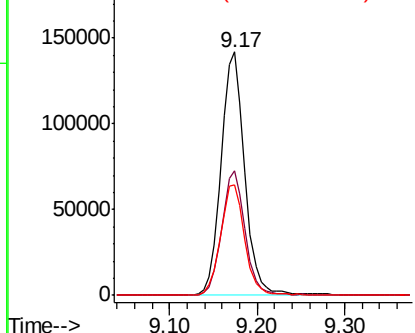
#23
 Nitrobenzene-d5
 Concen: 77.299 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042340.D
 Acq: 19 Aug 2019 23:43

Instrument :
 BNA_G
 ClientSampleId :
 0619-COMP-A

Tot Ion	82	Resp	265299
Ion Ratio	Lower	Upper	
82	100		
128	51.1	41.0	61.4
54	45.3	38.0	57.0

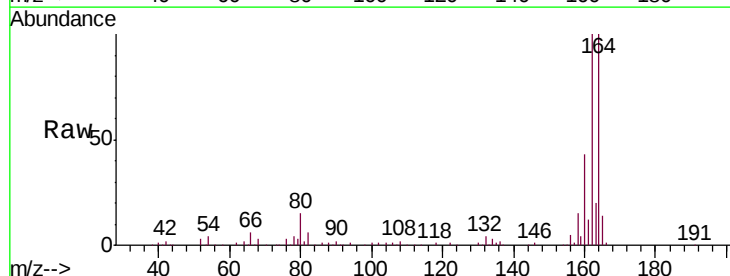


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

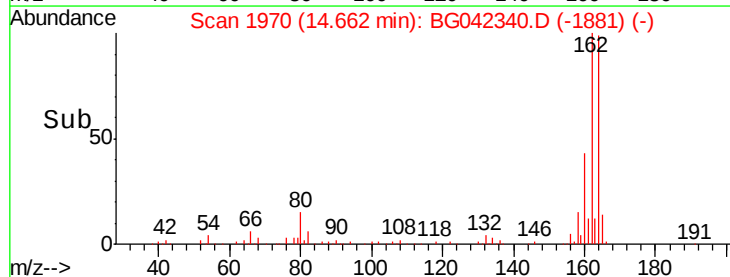
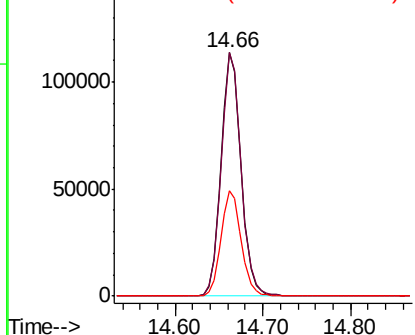


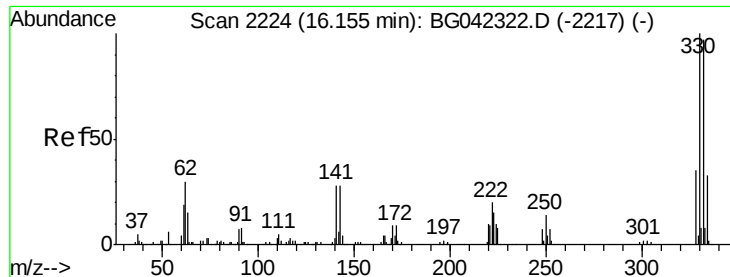
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042340.D
 Acq: 19 Aug 2019 23:43

Tgt Ion	164	Resp	179372
Ion Ratio	Lower	Upper	
164	100		
162	99.9	80.6	120.8
160	43.4	35.7	53.5



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: 105.973 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

0619-COMP-A

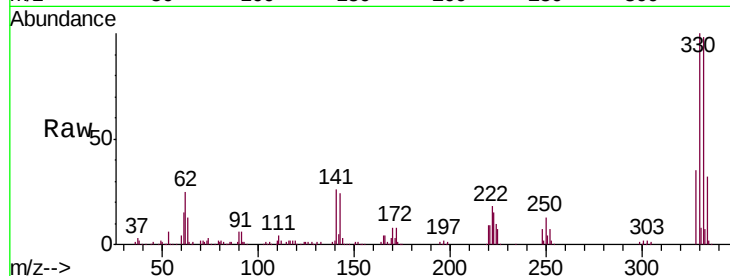
Tot Ion:330 Resp: 258892

Ion Ratio Lower Upper

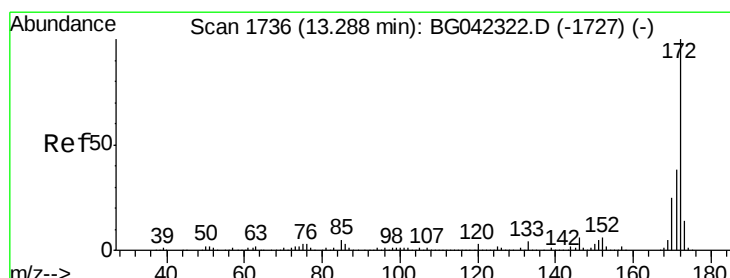
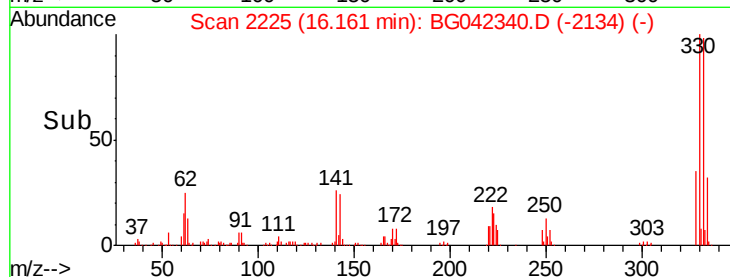
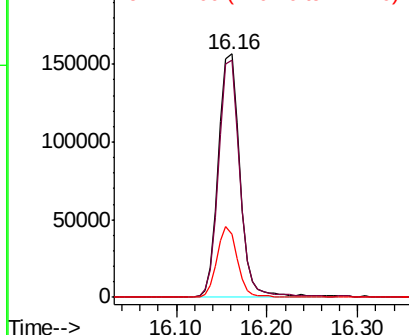
330 100

332 95.4 76.9 115.3

141 27.7 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: 76.374 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

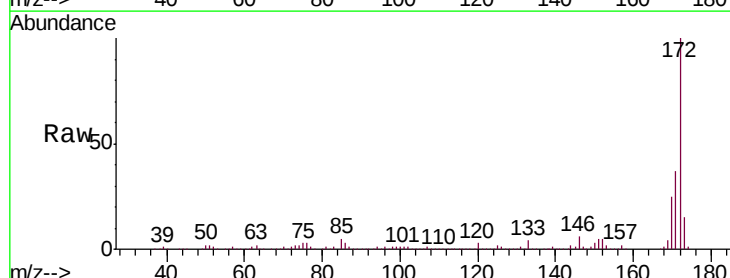
Tgt Ion:172 Resp: 809580

Ion Ratio Lower Upper

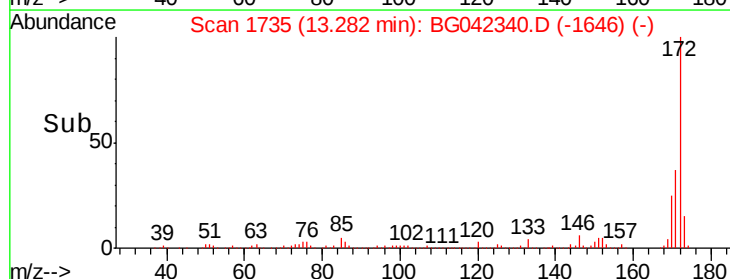
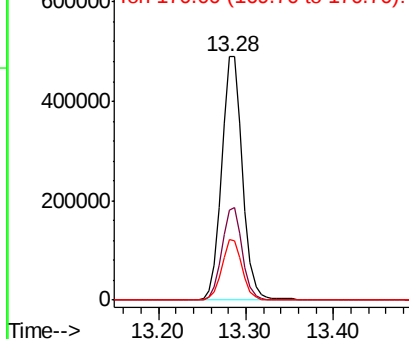
172 100

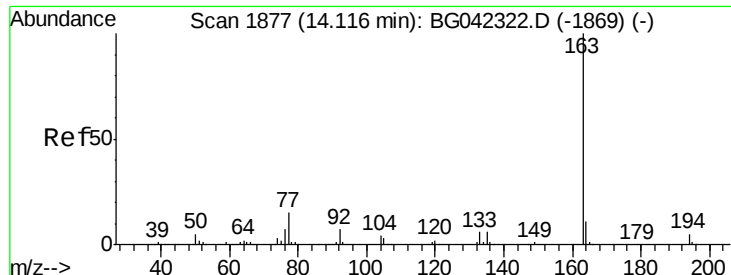
171 37.1 30.3 45.5

170 25.0 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: 12.071 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

Instrument :

BNA_G

ClientSampleId :

0619-COMP-A

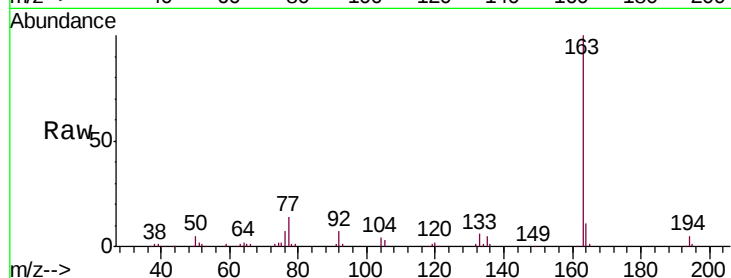
Tot Ion:163 Resp: 153853

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.2

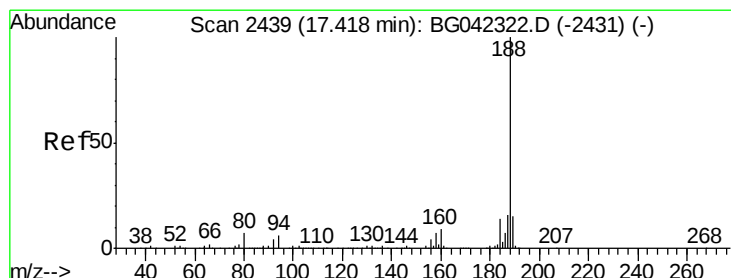
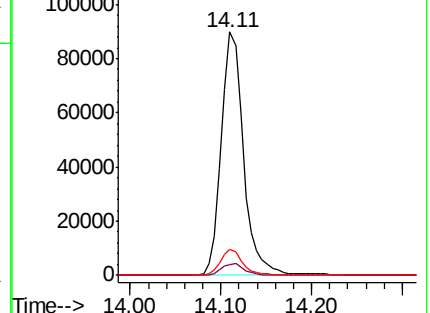
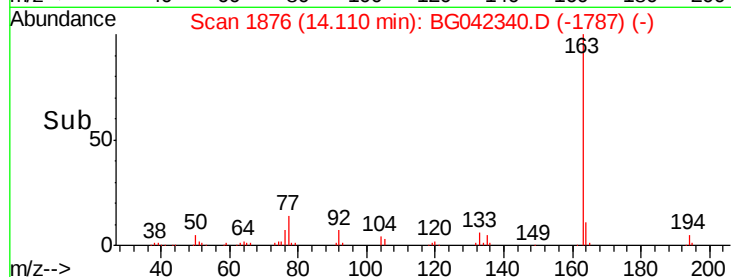
164 10.5 8.8 13.2



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# 2439

Delta R.T. 0.00 min

Lab File: BG042340.D

Acq: 19 Aug 2019 23:43

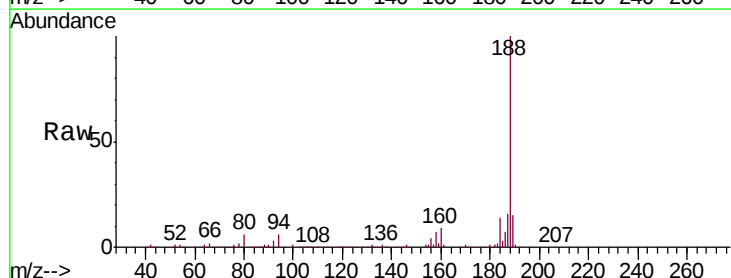
Tgt Ion:188 Resp: 403244

Ion Ratio Lower Upper

188 100

94 5.8 4.9 7.3

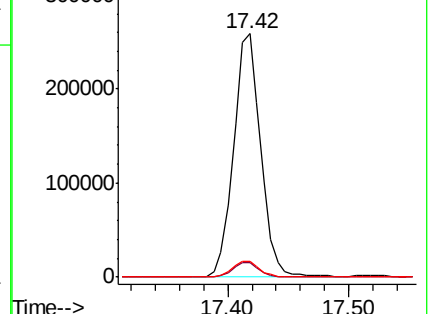
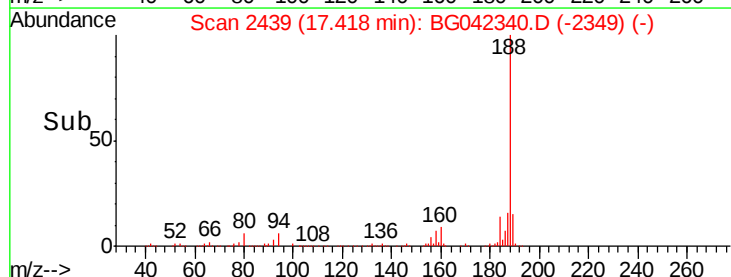
80 6.3 5.4 8.0

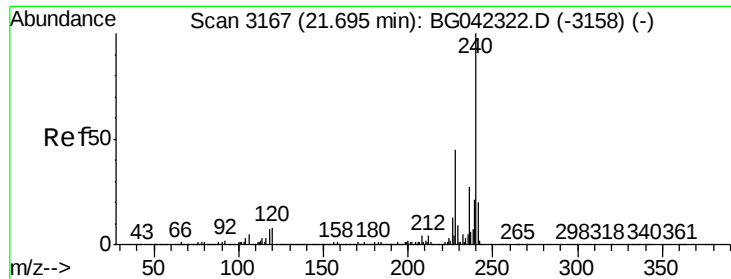


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

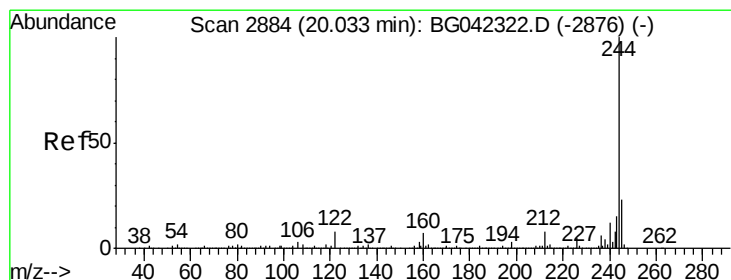
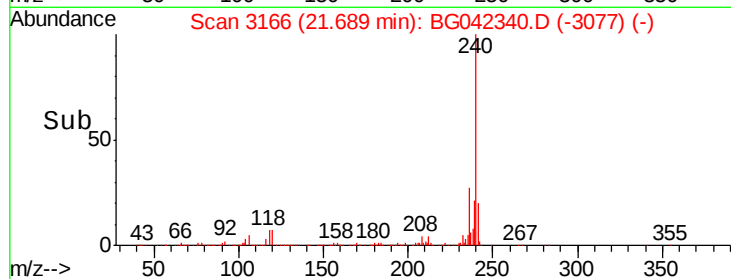
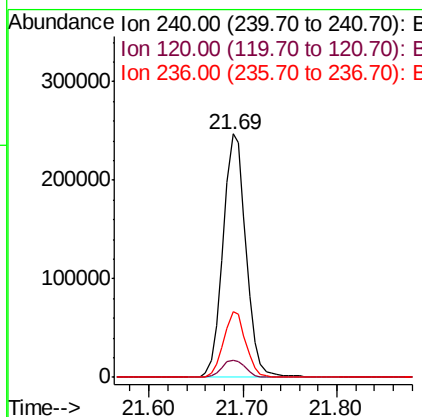
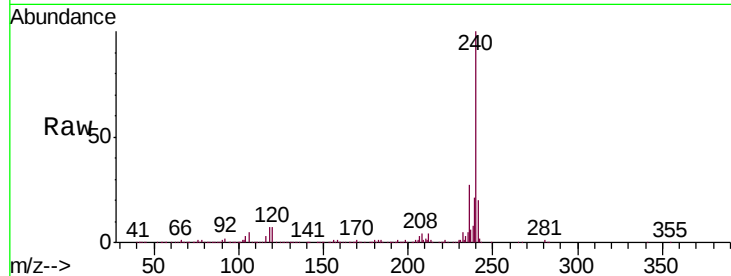




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

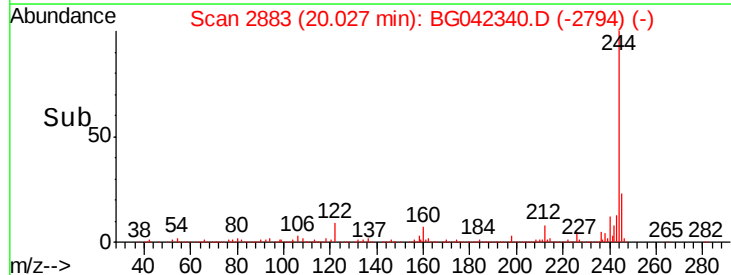
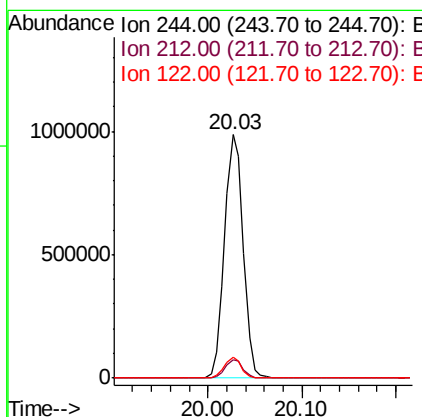
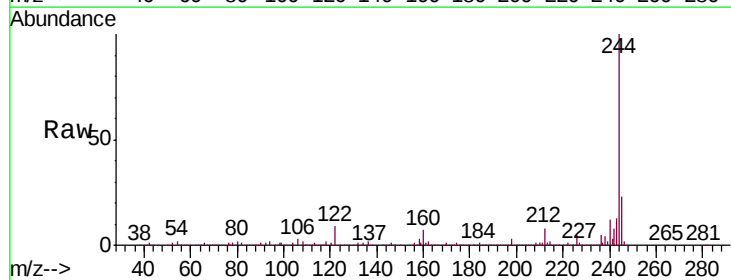
Instrument :
BNA_G
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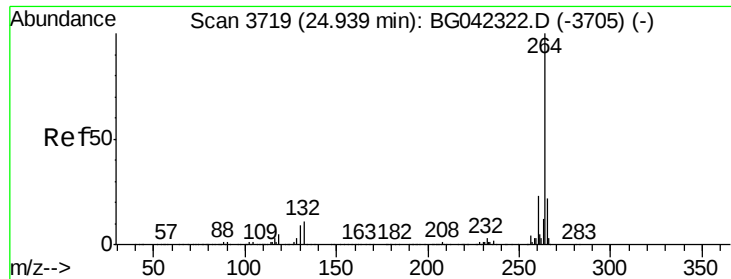
Tot Ion:240 Resp: 421030
Ion Ratio Lower Upper
240 100
120 7.1 6.0 9.0
236 26.9 21.6 32.4



#79
Terphenyl-d14
Concen: 71.007 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Tgt Ion:244 Resp: 1364933
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 8.6 6.6 10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042340.D
Acq: 19 Aug 2019 23:43

Instrument :
BNA_G
ClientSampleId :
0619-COMP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.0	17.4	26.0

