

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042332.D
 Acq On : 19 Aug 2019 18:35
 Operator : HP/JU
 Sample : K4290-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-1

Quant Time: Aug 20 05:55:39 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

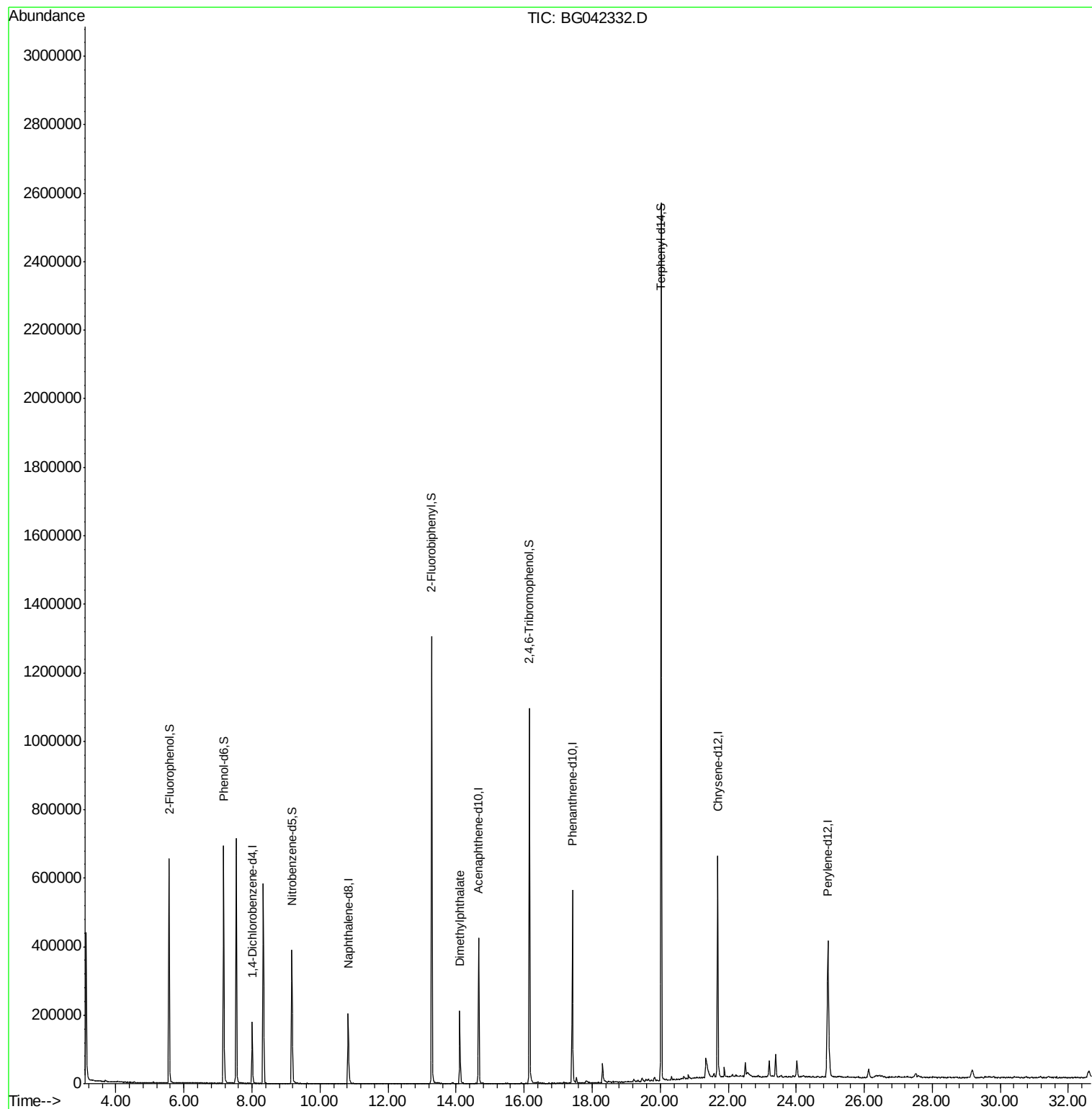
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	59405	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	235162	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	168743	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	386880	20.00	ng	0.00
76) Chrysene-d12	21.69	240	403702	20.00	ng	0.00
87) Perylene-d12	24.93	264	466934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	339753	115.88	ng	0.00
7) Phenol-d6	7.17	99	467726	117.46	ng	0.00
23) Nitrobenzene-d5	9.17	82	267251	79.93	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	262156	114.07	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	767802	77.00	ng	0.00
79) Terphenyl-d14	20.03	244	1306021	70.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	187343	15.624	ng	Qvalue 98

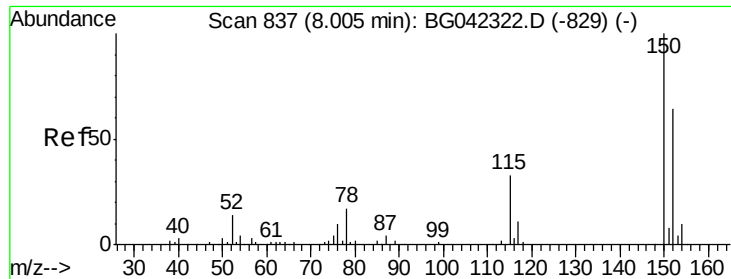
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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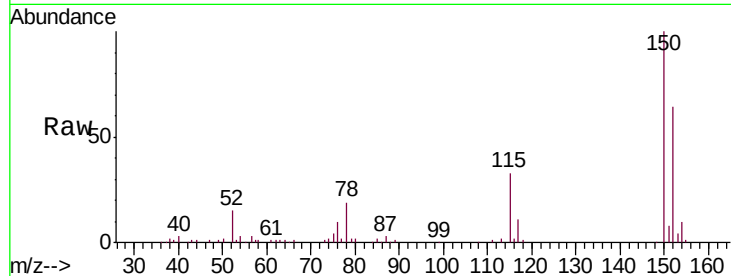


#1

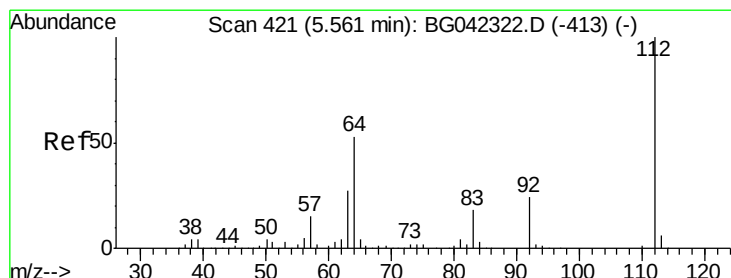
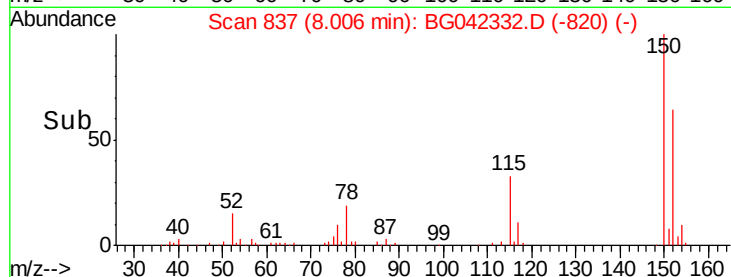
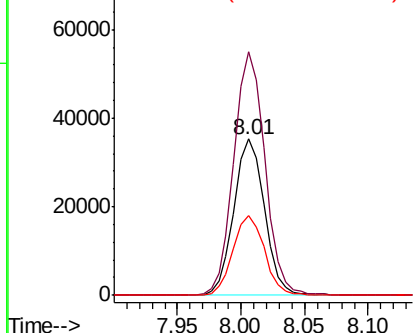
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042332.D
Acq: 19 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
B-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.3	186.5
115	51.2	40.5	60.7



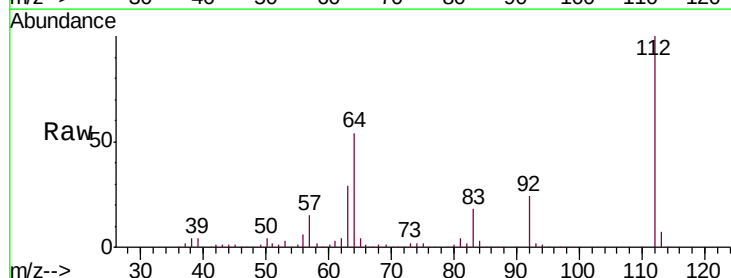
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



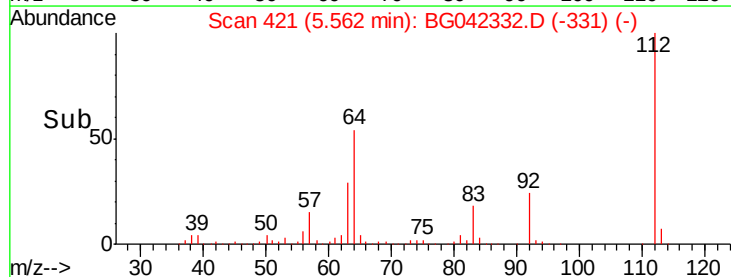
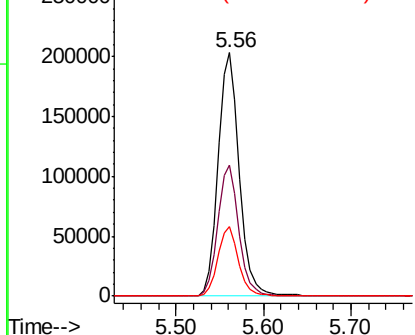
#5

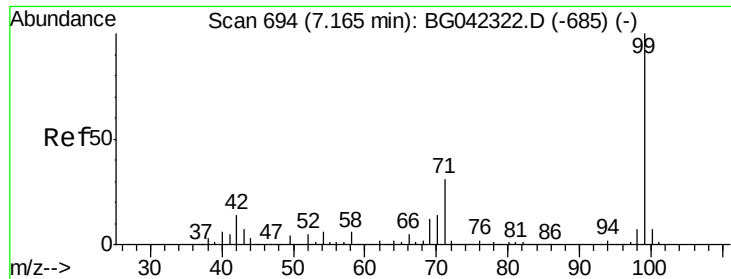
2-Fluorophenol
Concen: 115.878 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042332.D
Acq: 19 Aug 2019 18:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.5	63.7
63	28.8	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: 117.460 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG042332.D

Acq: 19 Aug 2019 18:35

Instrument :

BNA_G

ClientSampleId :

B-1

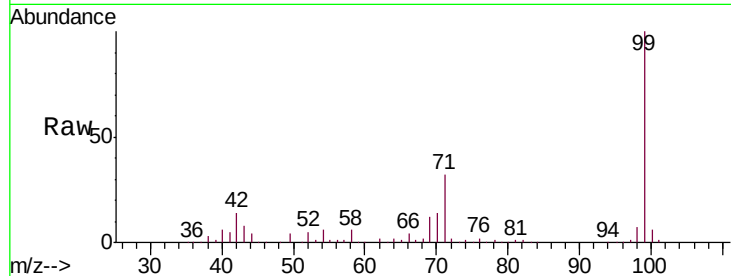
Tot Ion: 99 Resp: 467726

Ion Ratio Lower Upper

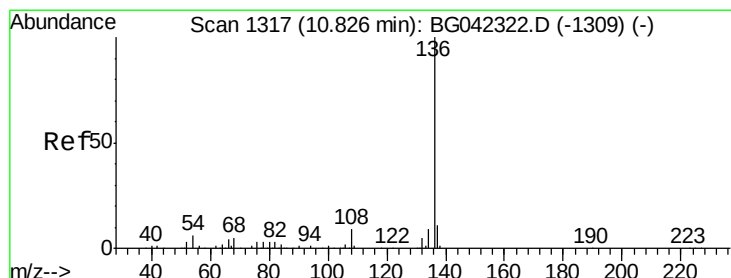
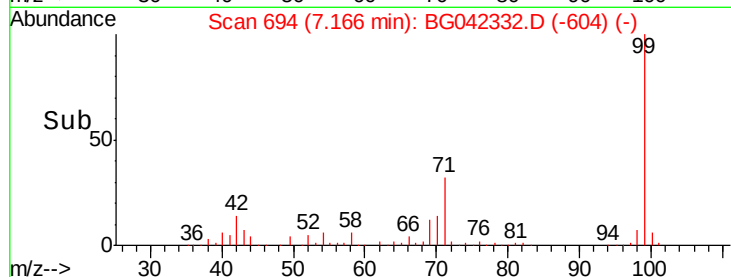
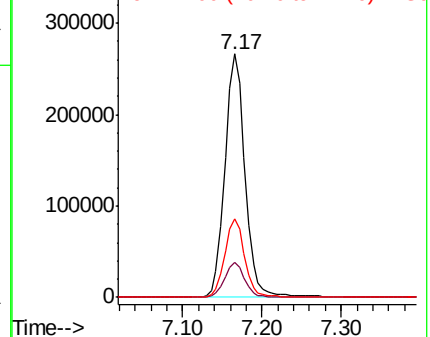
99 100

42 14.4 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# 1317

Delta R.T. 0.00 min

Lab File: BG042332.D

Acq: 19 Aug 2019 18:35

Tgt Ion: 136 Resp: 235162

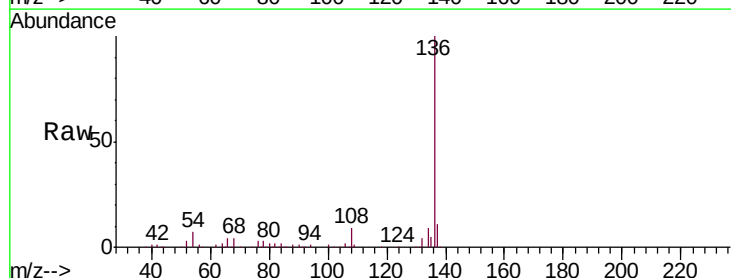
Ion Ratio Lower Upper

136 100

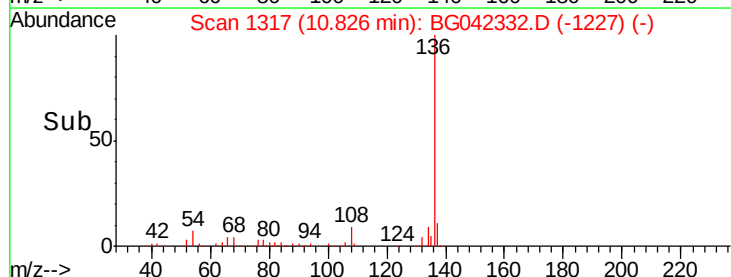
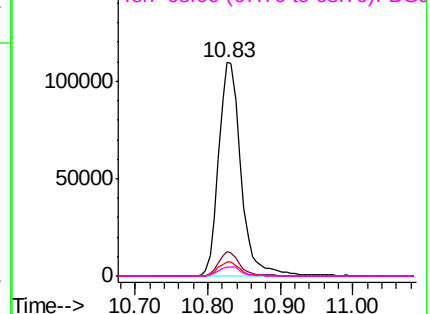
137 11.2 8.4 12.6

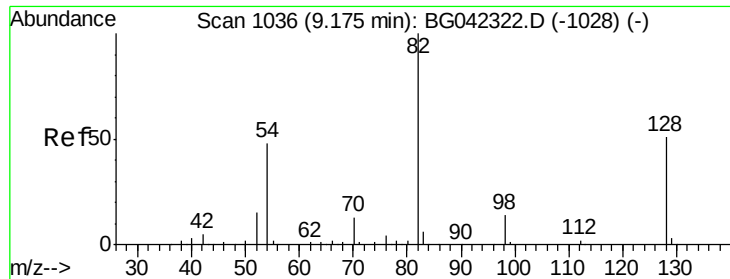
54 6.7 5.0 7.4

68 4.4 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

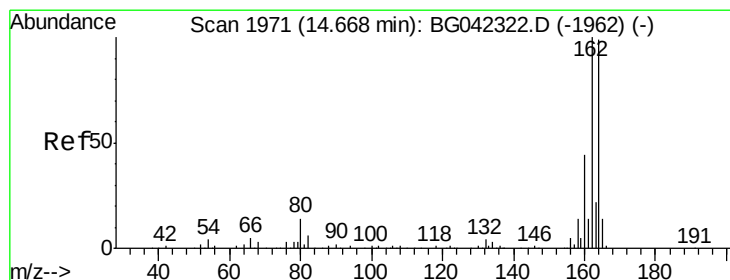
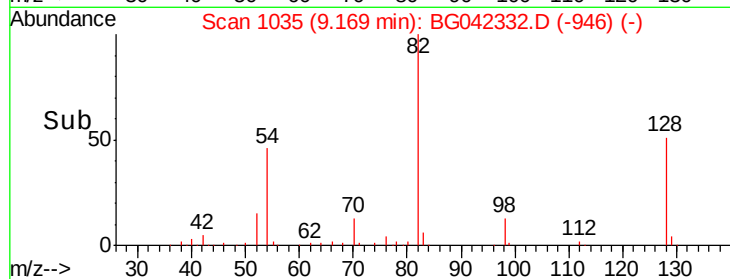
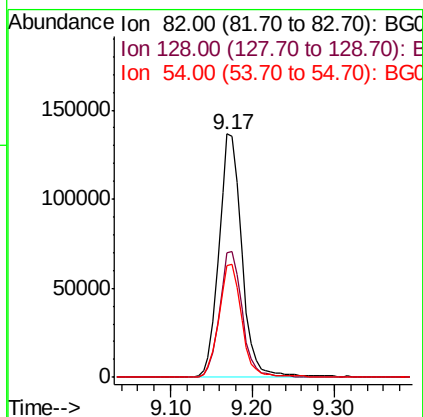
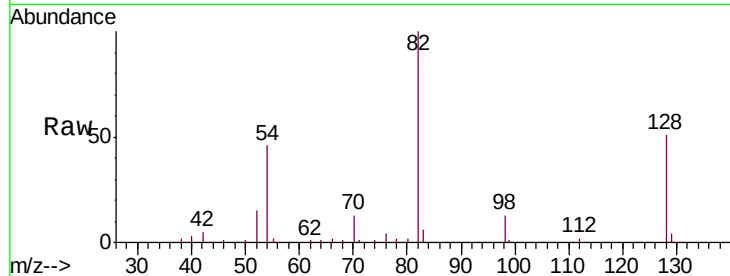




#23
 Nitrobenzene-d5
 Concen: 79.930 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042332.D
 Acq: 19 Aug 2019 18:35

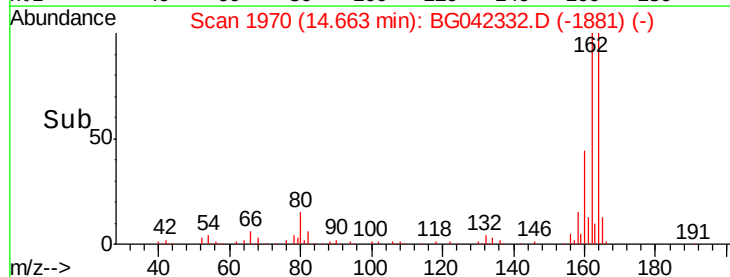
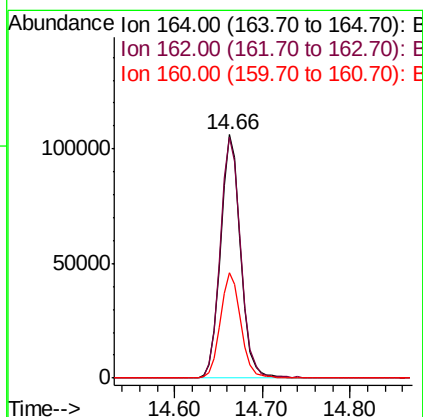
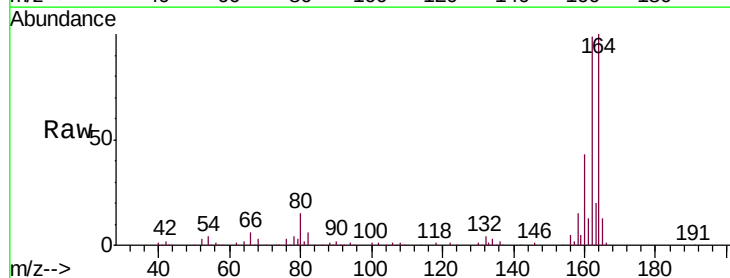
Instrument :
 BNA_G
 ClientSampleId :
 B-1

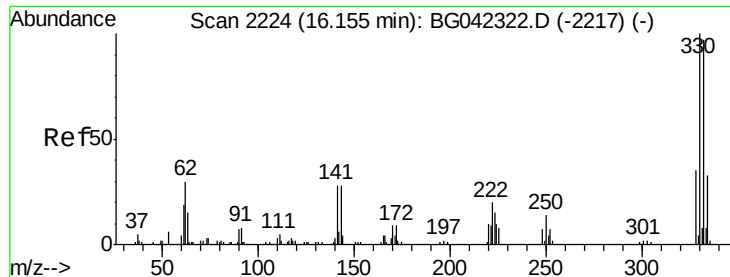
Tot Ion	82	Resp	267251
Ion Ratio	Lower	Upper	
82	100		
128	51.0	41.0	61.4
54	45.8	38.0	57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042332.D
 Acq: 19 Aug 2019 18:35

Tgt Ion	164	Resp	168743
Ion Ratio	Lower	Upper	
164	100		
162	99.0	80.6	120.8
160	43.3	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 114.068 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042332.D

Acq: 19 Aug 2019 18:35

Instrument :

BNA_G

ClientSampled :

B-1

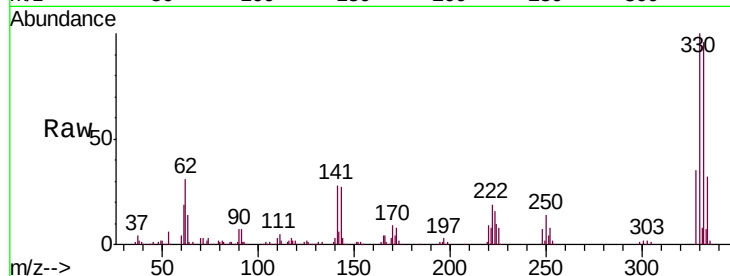
Tot Ion:330 Resp: 262156

Ion Ratio Lower Upper

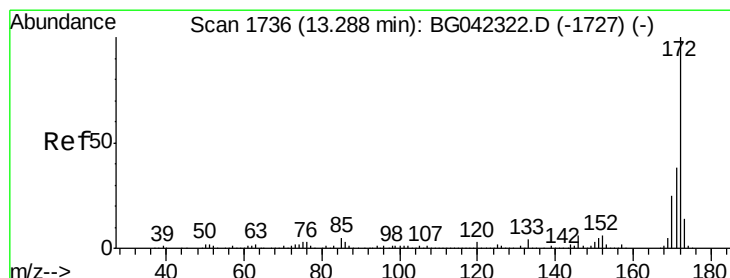
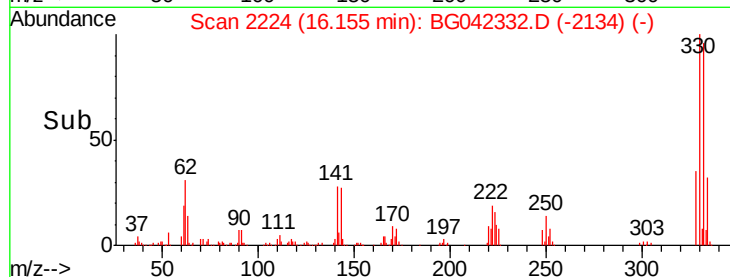
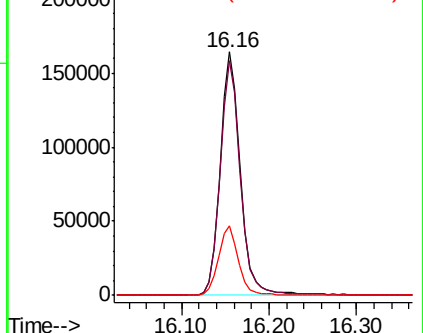
330 100

332 96.9 76.9 115.3

141 28.2 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: 76.995 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG042332.D

Acq: 19 Aug 2019 18:35

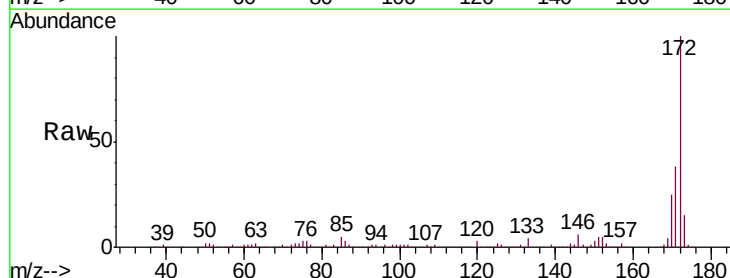
Tgt Ion:172 Resp: 767802

Ion Ratio Lower Upper

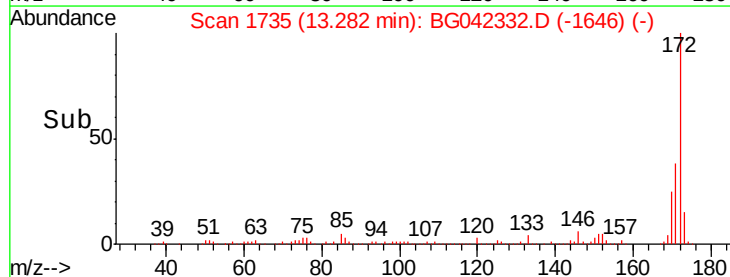
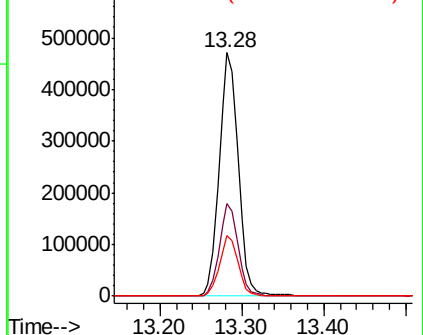
172 100

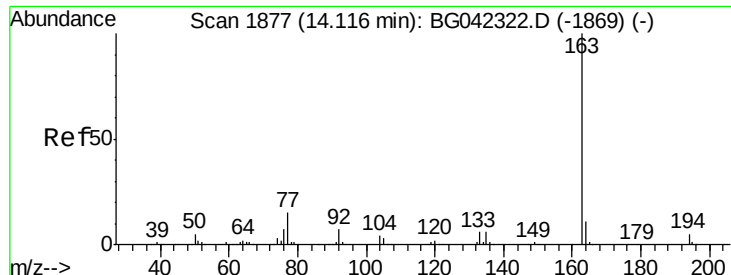
171 38.2 30.3 45.5

170 24.9 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: 15.624 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042332.D

Acq: 19 Aug 2019 18:35

Instrument :

BNA_G

ClientSampled :

B-1

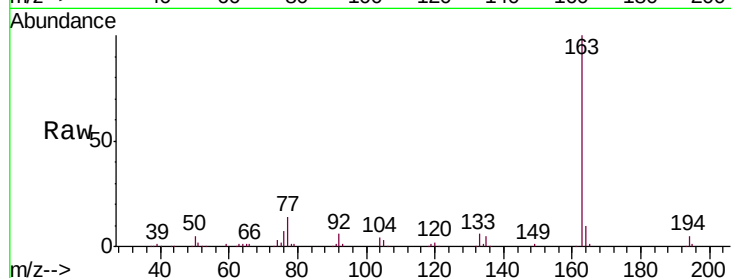
Tot Ion:163 Resp: 187343

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

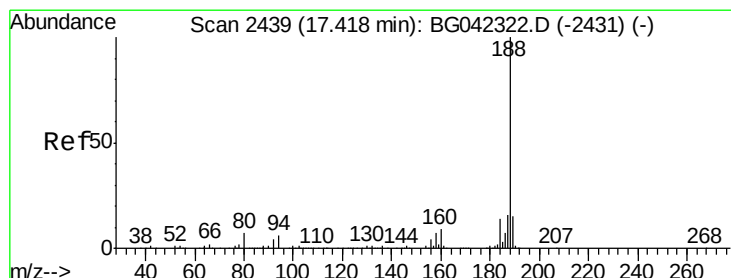
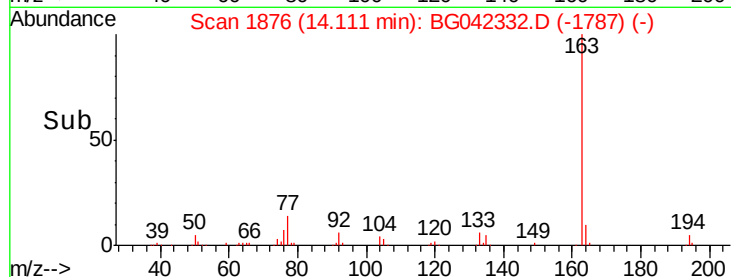
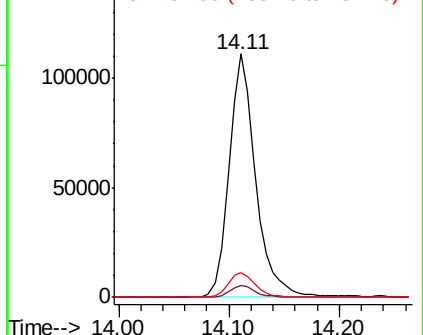
164 10.2 8.8 13.2



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: BG042332.D

Acq: 19 Aug 2019 18:35

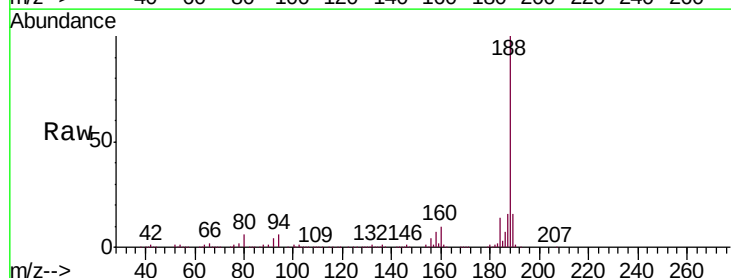
Tgt Ion:188 Resp: 386880

Ion Ratio Lower Upper

188 100

94 6.2 4.9 7.3

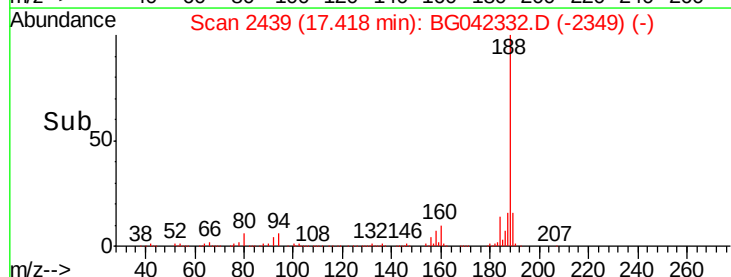
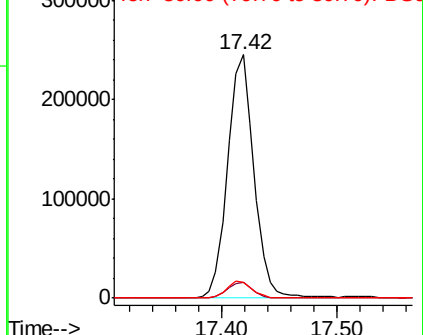
80 6.4 5.4 8.0

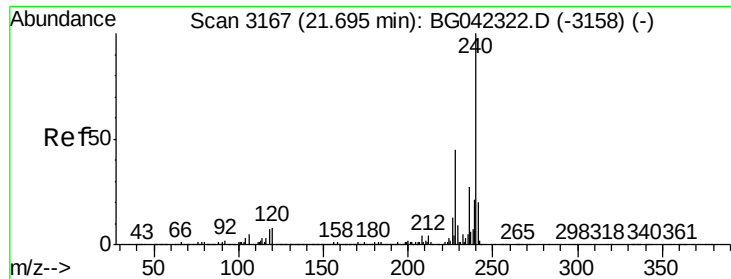


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

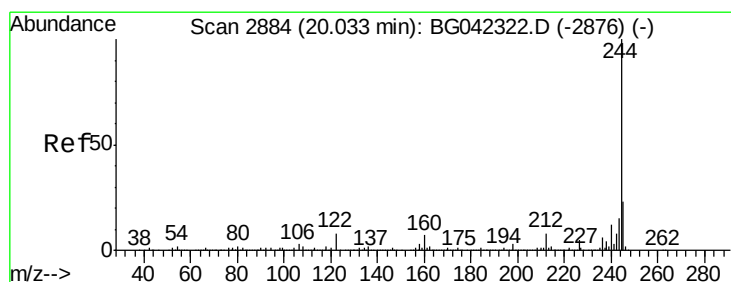
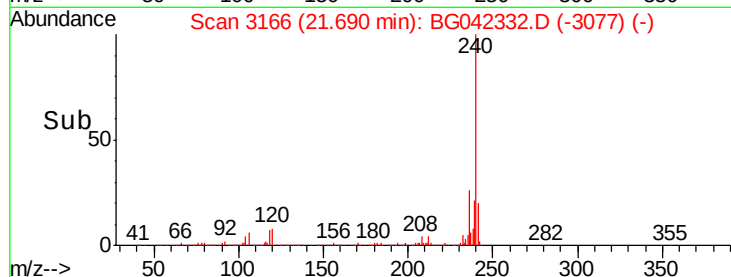
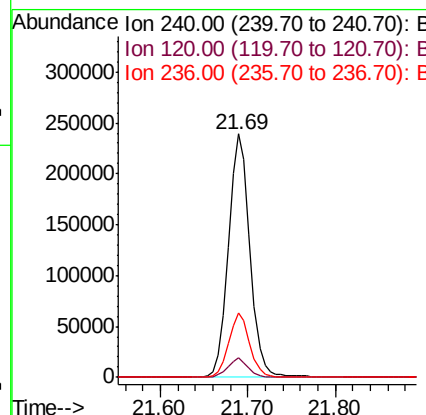
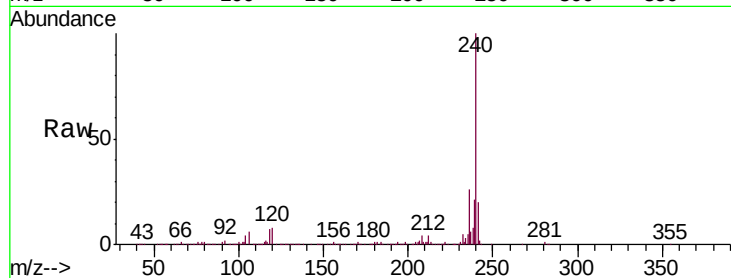




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042332.D
Acq: 19 Aug 2019 18:35

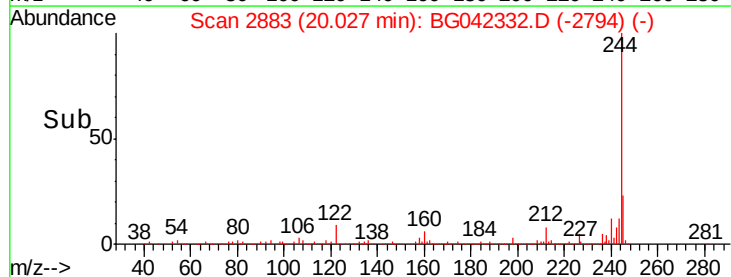
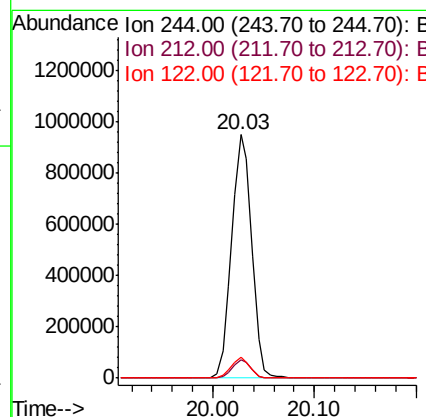
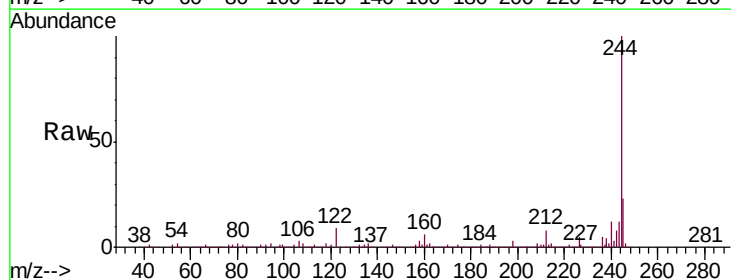
Instrument :
BNA_G
ClientSampleId :
B-1

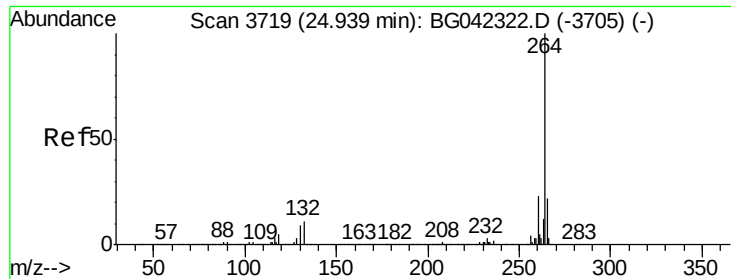
Tot Ion:240 Resp: 403702
Ion Ratio Lower Upper
240 100
120 8.0 6.0 9.0
236 26.5 21.6 32.4



#79
Terphenyl-d14
Concen: 70.858 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG042332.D
Acq: 19 Aug 2019 18:35

Tgt Ion:244 Resp: 1306021
Ion Ratio Lower Upper
244 100
212 7.5 6.4 9.6
122 8.8 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: BG042332.D
Acq: 19 Aug 2019 18:35

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:	264	Resp:	466934
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.3	17.4	26.0

