

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042349.D
 Acq On : 20 Aug 2019 8:45
 Operator : HP/JU
 Sample : K4385-21
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-A1-A4-(0-2)

Quant Time: Aug 21 03:43:39 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

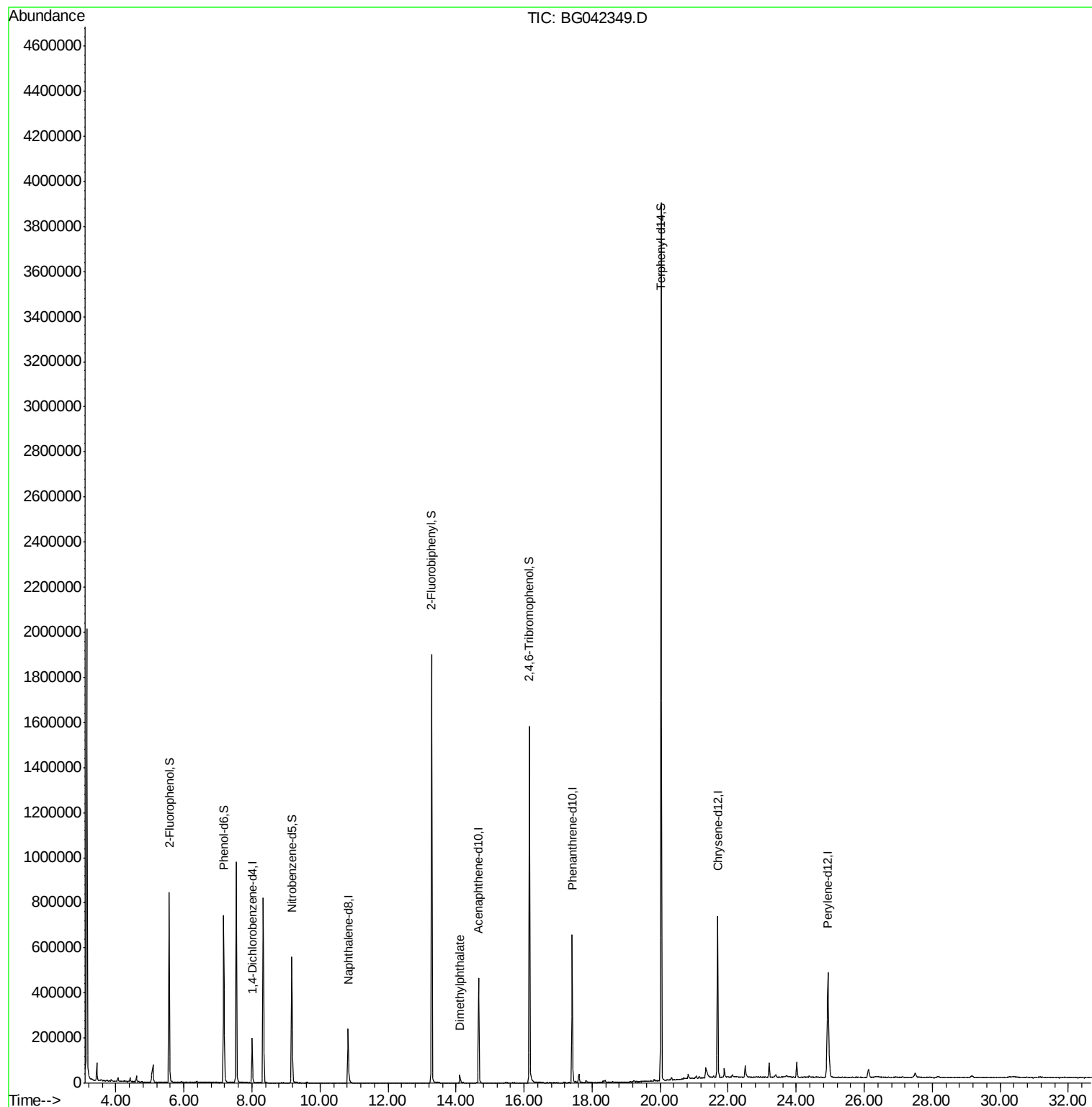
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	66272	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	255342	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	186165	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	429674	20.00	ng	0.00
76) Chrysene-d12	21.69	240	455027	20.00	ng	0.00
87) Perylene-d12	24.93	264	523774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	423572	129.50	ng	0.00
7) Phenol-d6	7.17	99	520868	117.25	ng	0.00
23) Nitrobenzene-d5	9.17	82	374073	103.04	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	380335	150.00	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1108653	100.77	ng	0.00
79) Terphenyl-d14	20.03	244	1958369	94.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	39694	3.001	ng	Qvalue # 98

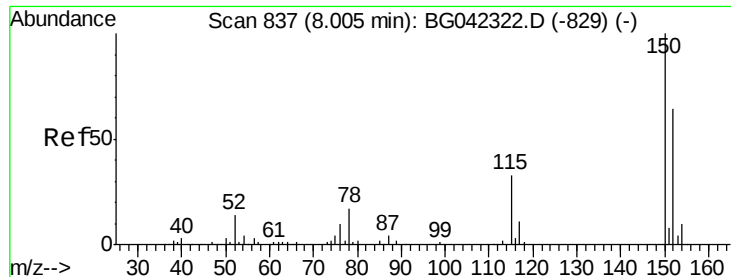
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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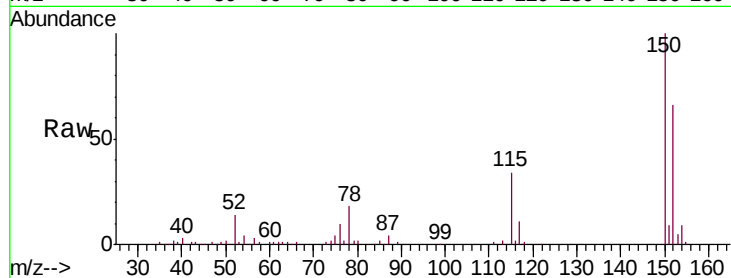


#1

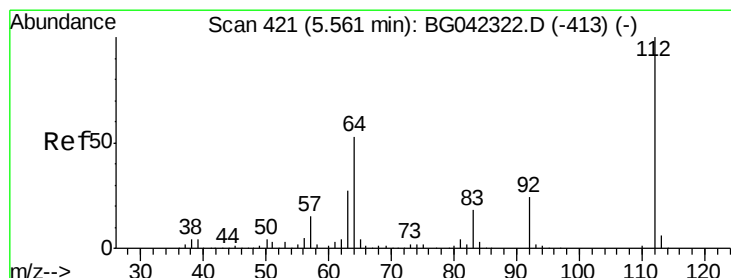
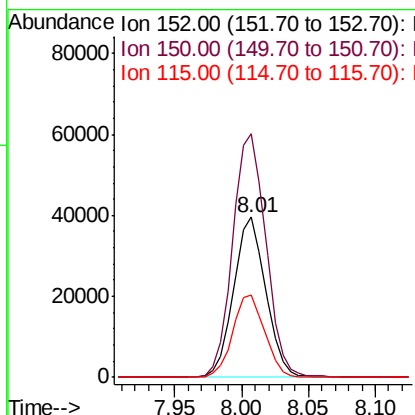
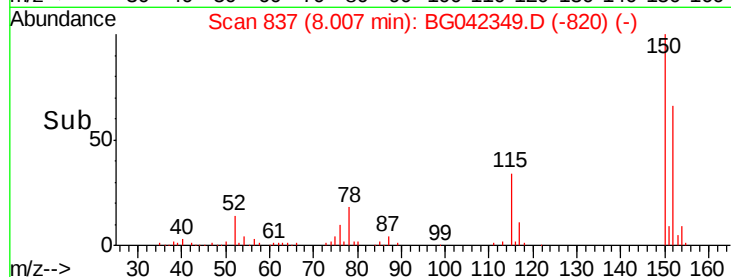
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042349.D
Acq: 20 Aug 2019 8:45

Instrument :
BNA_G
ClientSampleId :
T8-A1-A4-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.3	186.5
115	51.7	40.5	60.7



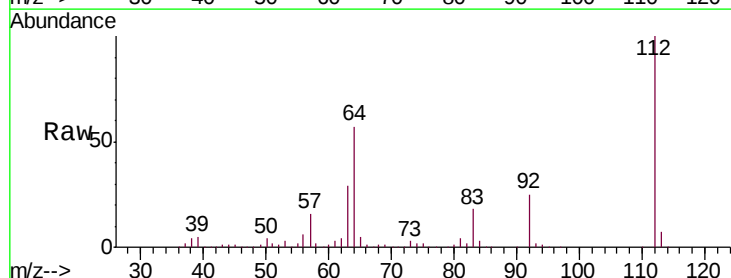
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



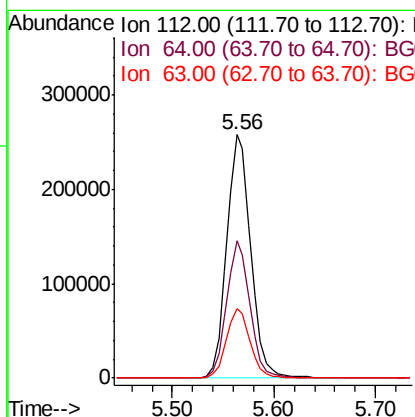
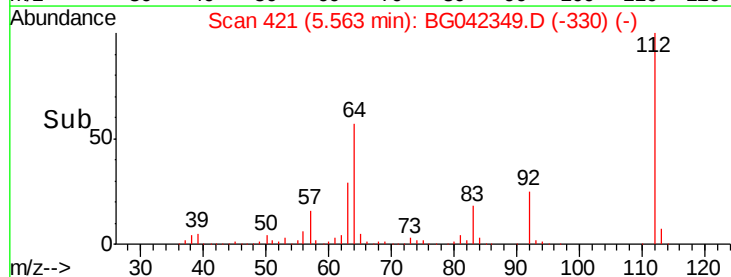
#5

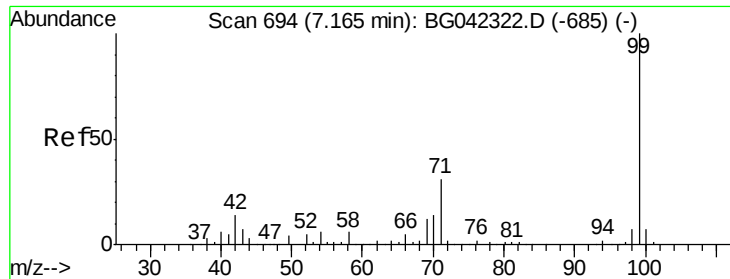
2-Fluorophenol
Concen: 129.496 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042349.D
Acq: 20 Aug 2019 8:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	42.5	63.7
63	28.6	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: 117.252 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042349.D

Acq: 20 Aug 2019 8:45

Instrument :

BNA_G

ClientSampleId :

T8-A1-A4-(0-2)

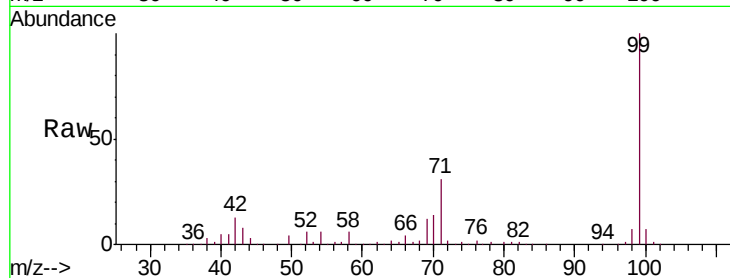
Tot Ion: 99 Resp: 520868

Ion Ratio Lower Upper

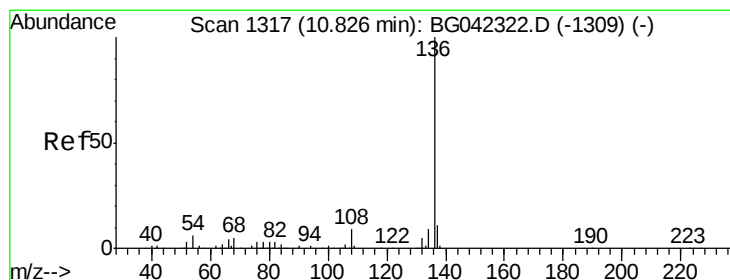
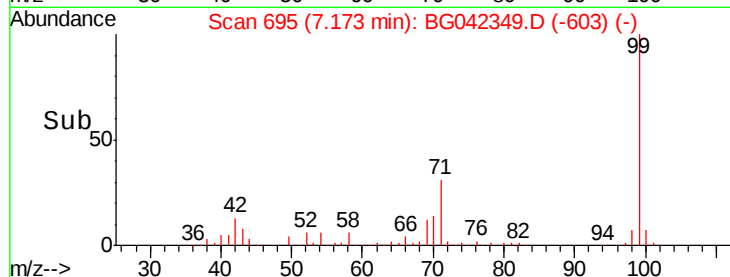
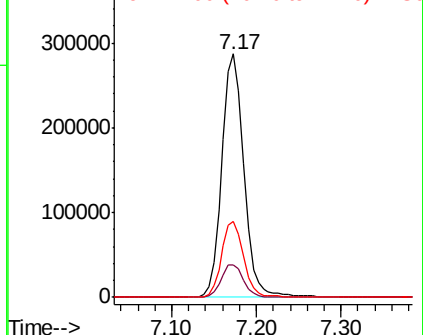
99 100

42 13.4 11.4 17.0

71 31.4 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: BG042349.D

Acq: 20 Aug 2019 8:45

Tgt Ion: 136 Resp: 255342

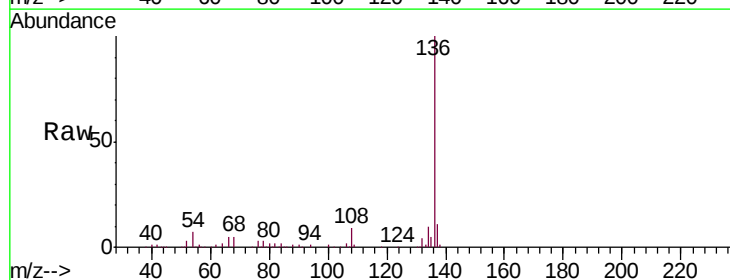
Ion Ratio Lower Upper

136 100

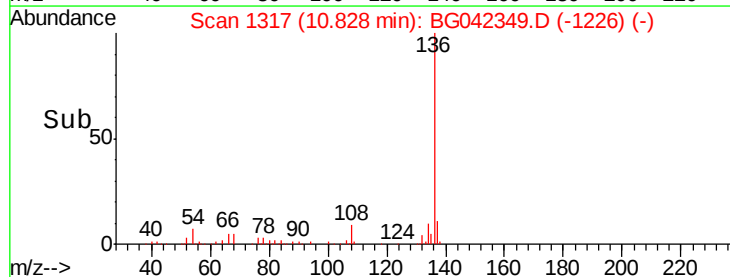
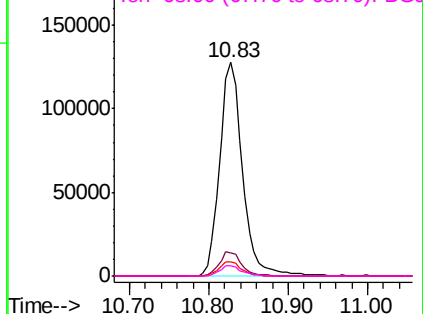
137 11.1 8.4 12.6

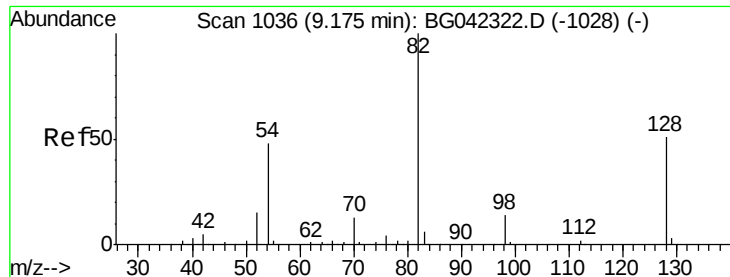
54 6.6 5.0 7.4

68 4.8 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

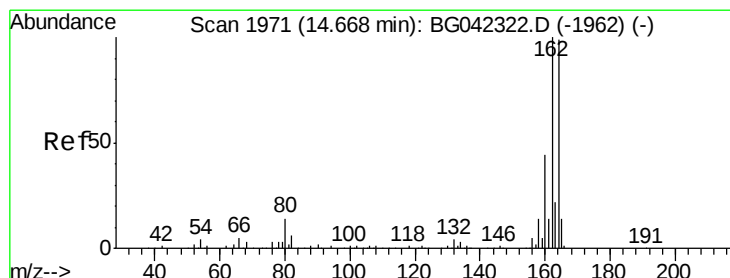
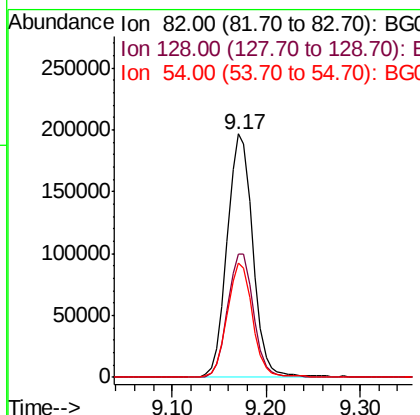
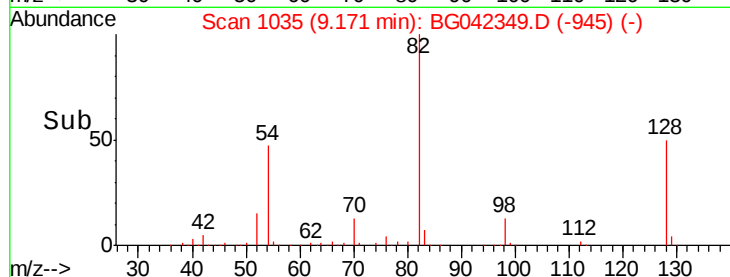
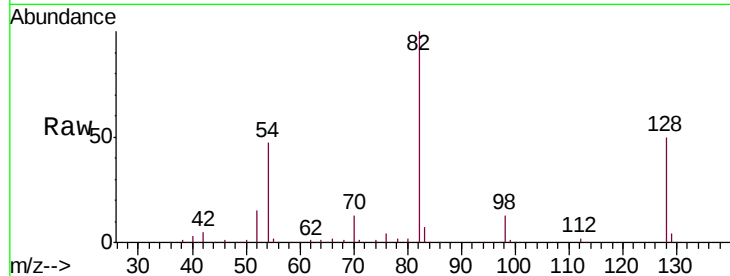




#23
Nitrobenzene-d5
Concen: 103.037 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042349.D
Acq: 20 Aug 2019 8:45

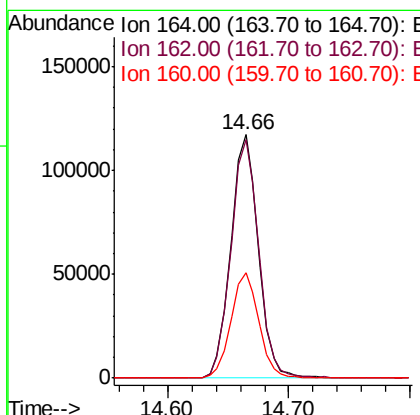
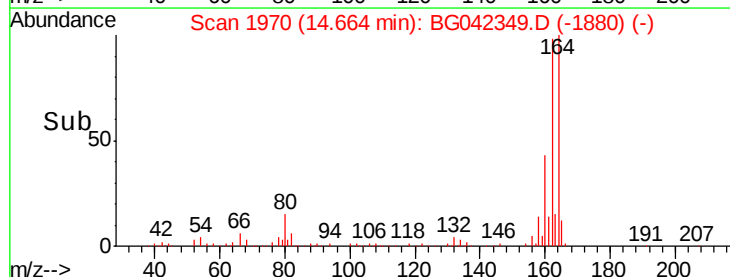
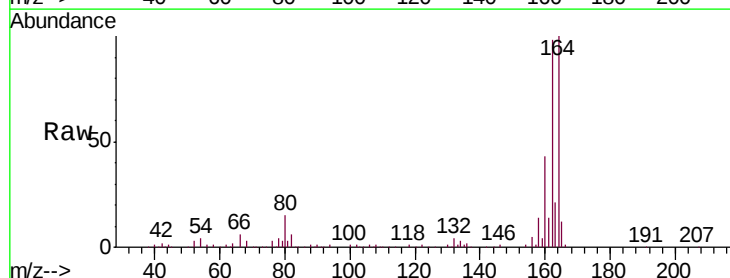
Instrument :
BNA_G
ClientSampleId :
T8-A1-A4-(0-2)

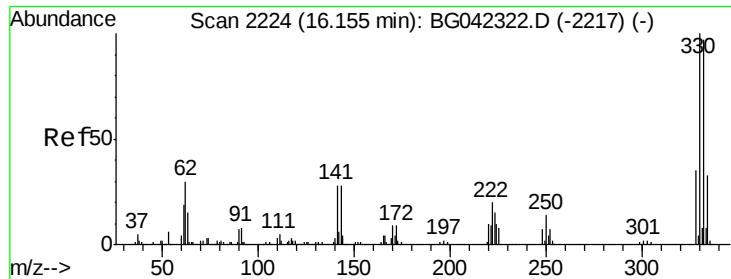
Tot Ion: 82 Resp: 374073
Ion Ratio Lower Upper
82 100
128 50.4 41.0 61.4
54 46.8 38.0 57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042349.D
Acq: 20 Aug 2019 8:45

Tgt Ion:164 Resp: 186165
Ion Ratio Lower Upper
164 100
162 98.0 80.6 120.8
160 43.2 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 150.002 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042349.D

Acq: 20 Aug 2019 8:45

Instrument :

BNA_G

ClientSampleId :

T8-A1-A4-(0-2)

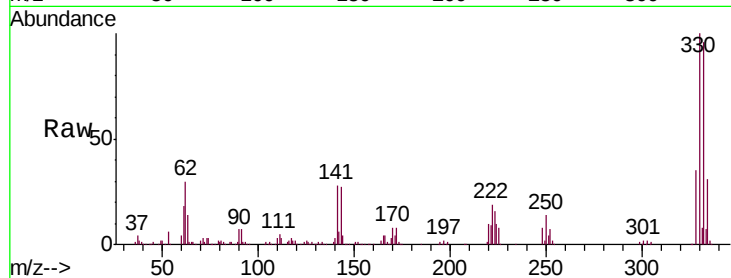
Tot Ion:330 Resp: 380335

Ion Ratio Lower Upper

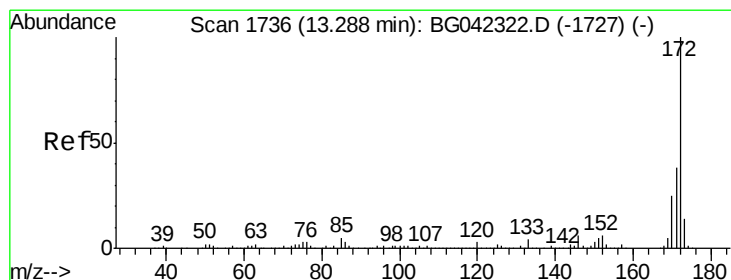
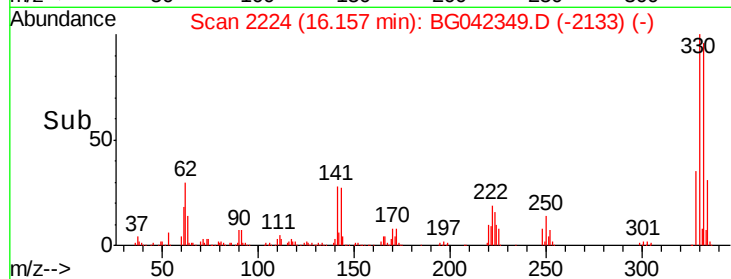
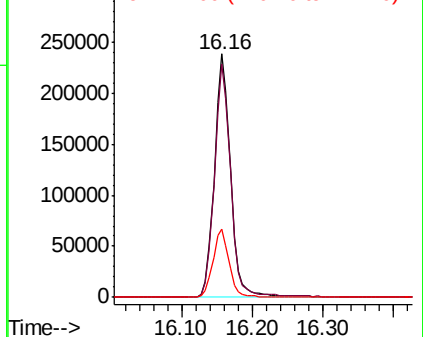
330 100

332 96.7 76.9 115.3

141 28.3 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: 100.772 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042349.D

Acq: 20 Aug 2019 8:45

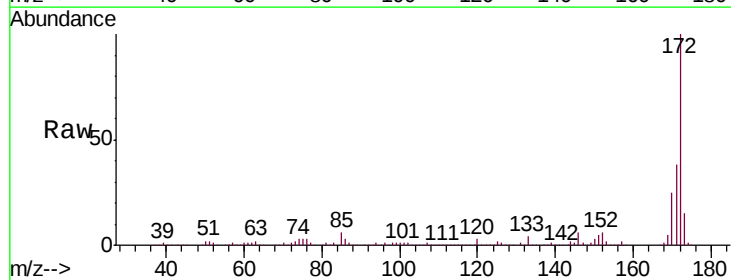
Tgt Ion:172 Resp: 1108653

Ion Ratio Lower Upper

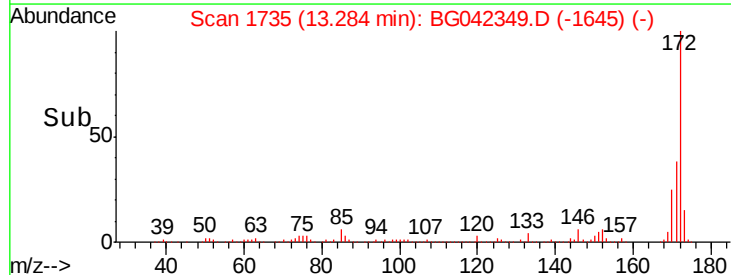
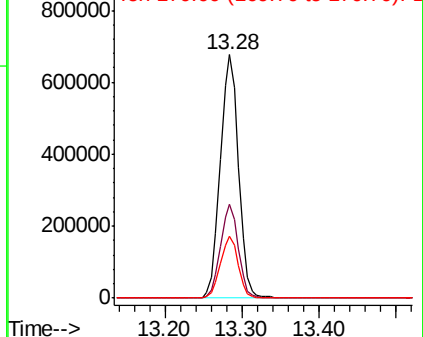
172 100

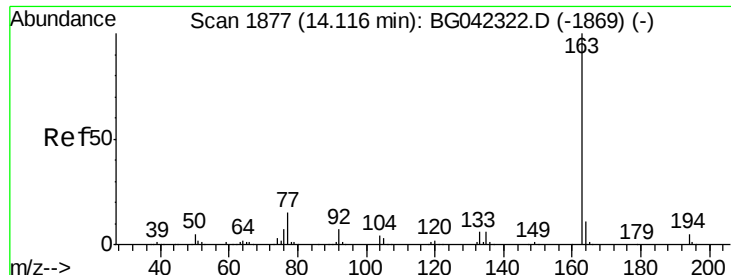
171 38.5 30.3 45.5

170 25.3 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: 3.001 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042349.D

Acq: 20 Aug 2019 8:45

Instrument :

BNA_G

ClientSampleId :

T8-A1-A4-(0-2)

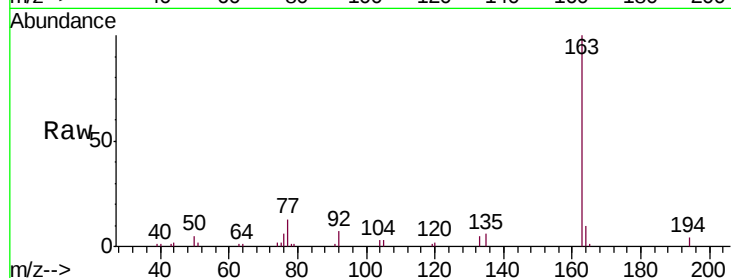
Tot Ion:163 Resp: 39694

Ion Ratio Lower Upper

163 100

194 4.1 4.2 6.2#

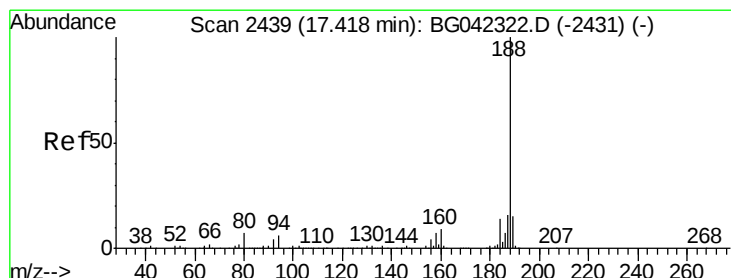
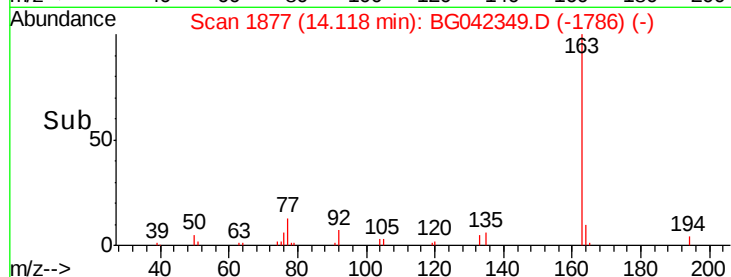
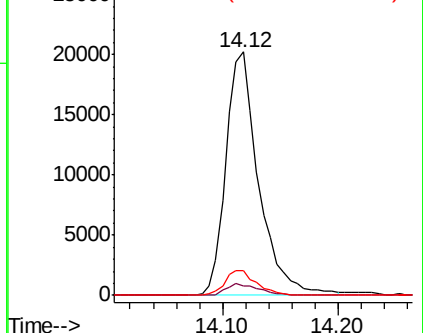
164 10.4 8.8 13.2



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: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042349.D

Acq: 20 Aug 2019 8:45

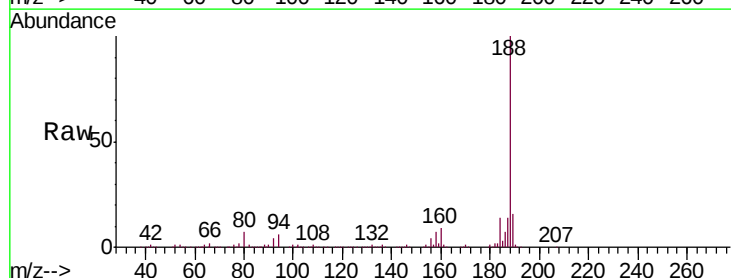
Tgt Ion:188 Resp: 429674

Ion Ratio Lower Upper

188 100

94 6.5 4.9 7.3

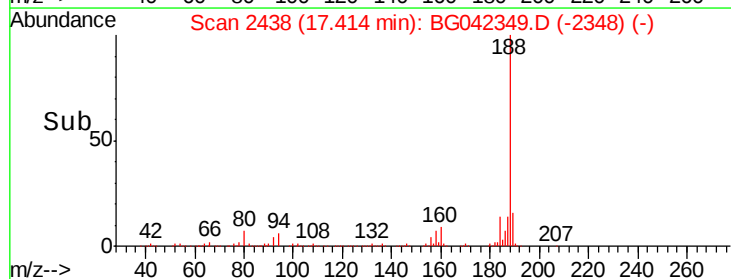
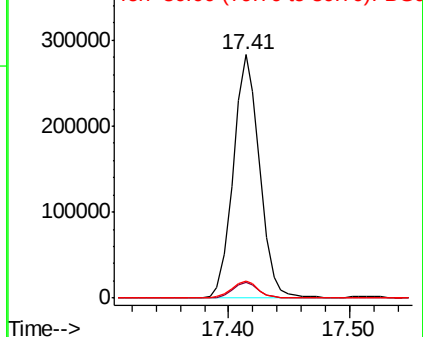
80 7.1 5.4 8.0

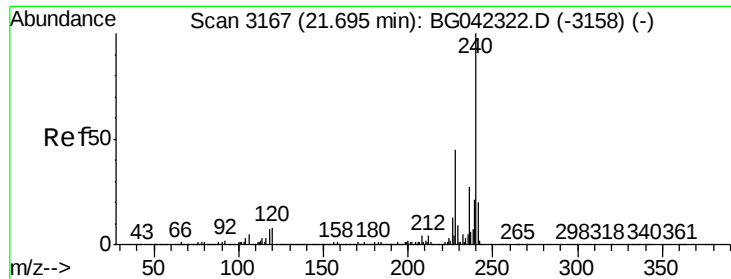


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

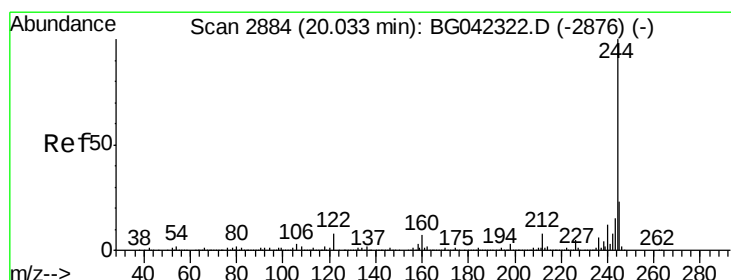
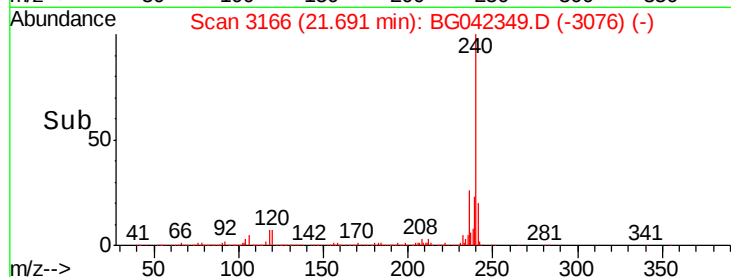
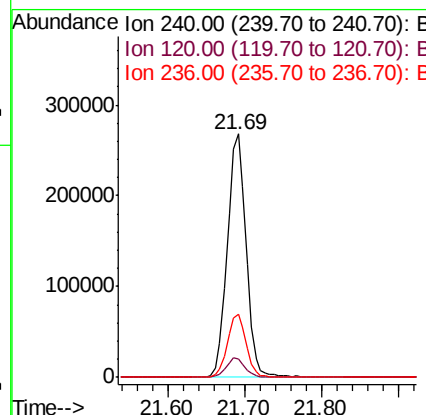
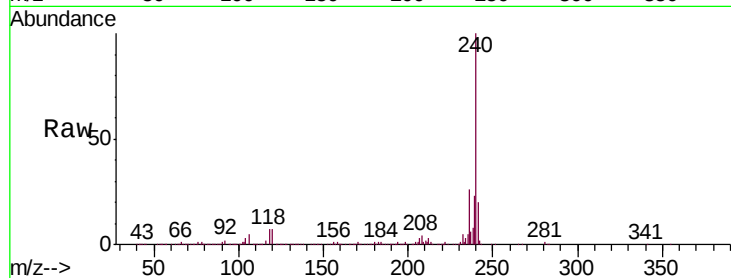




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG042349.D
Acq: 20 Aug 2019 8:45

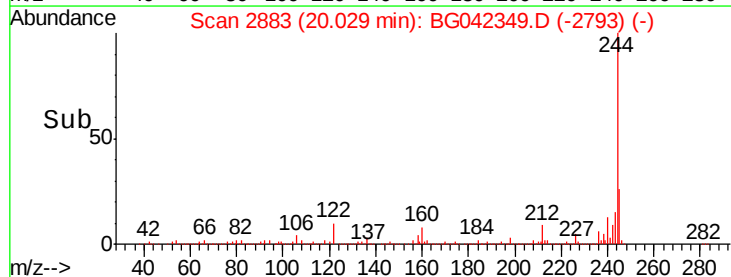
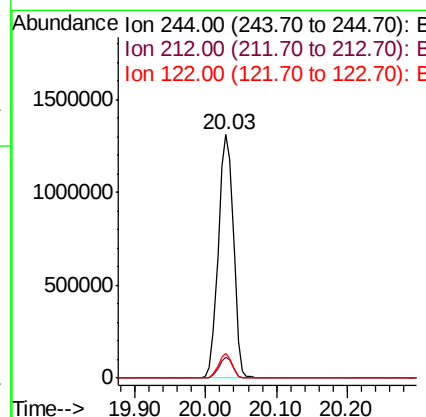
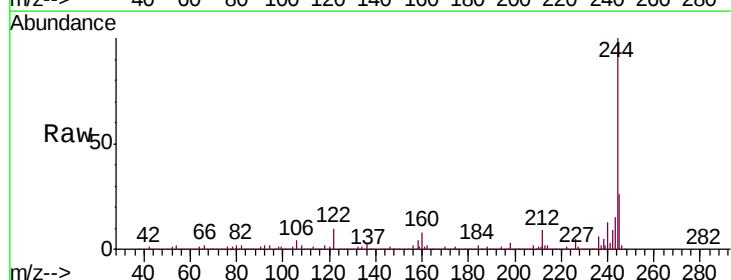
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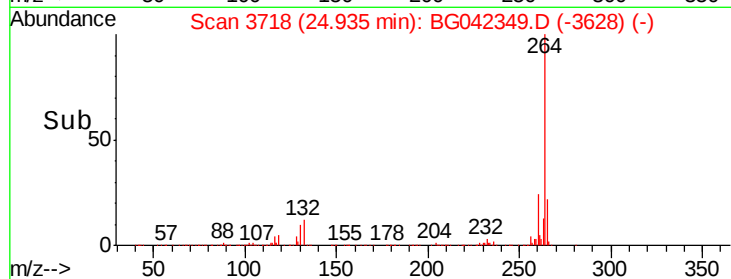
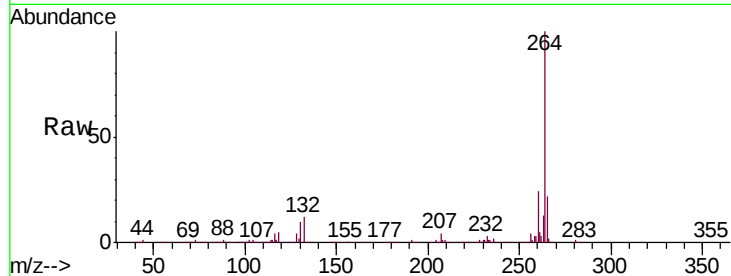
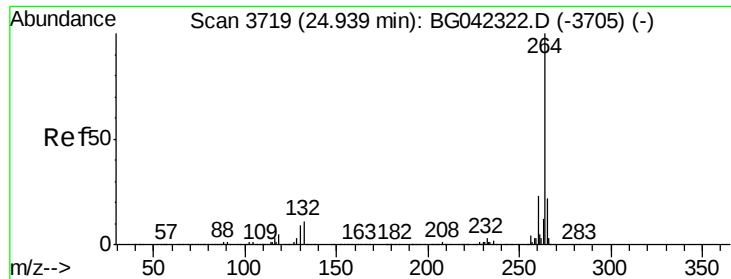
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.0	9.0
236	25.8	21.6	32.4



#79
Terphenyl-d14
Concen: 94.267 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG042349.D
Acq: 20 Aug 2019 8:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.4	9.6
122	10.1	6.6	10.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BG042349.D

Acq: 20 Aug 2019 8:45

Instrument :

BNA_G

ClientSampleId :

T8-A1-A4-(0-2)

Tot Ion:264 Resp: 523774

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 22.2 17.4 26.0

