

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041348.D
 Acq On : 20 Jun 2019 5:37
 Operator : HP/JU
 Sample : K3163-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-B

Quant Time: Jun 20 07:31:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

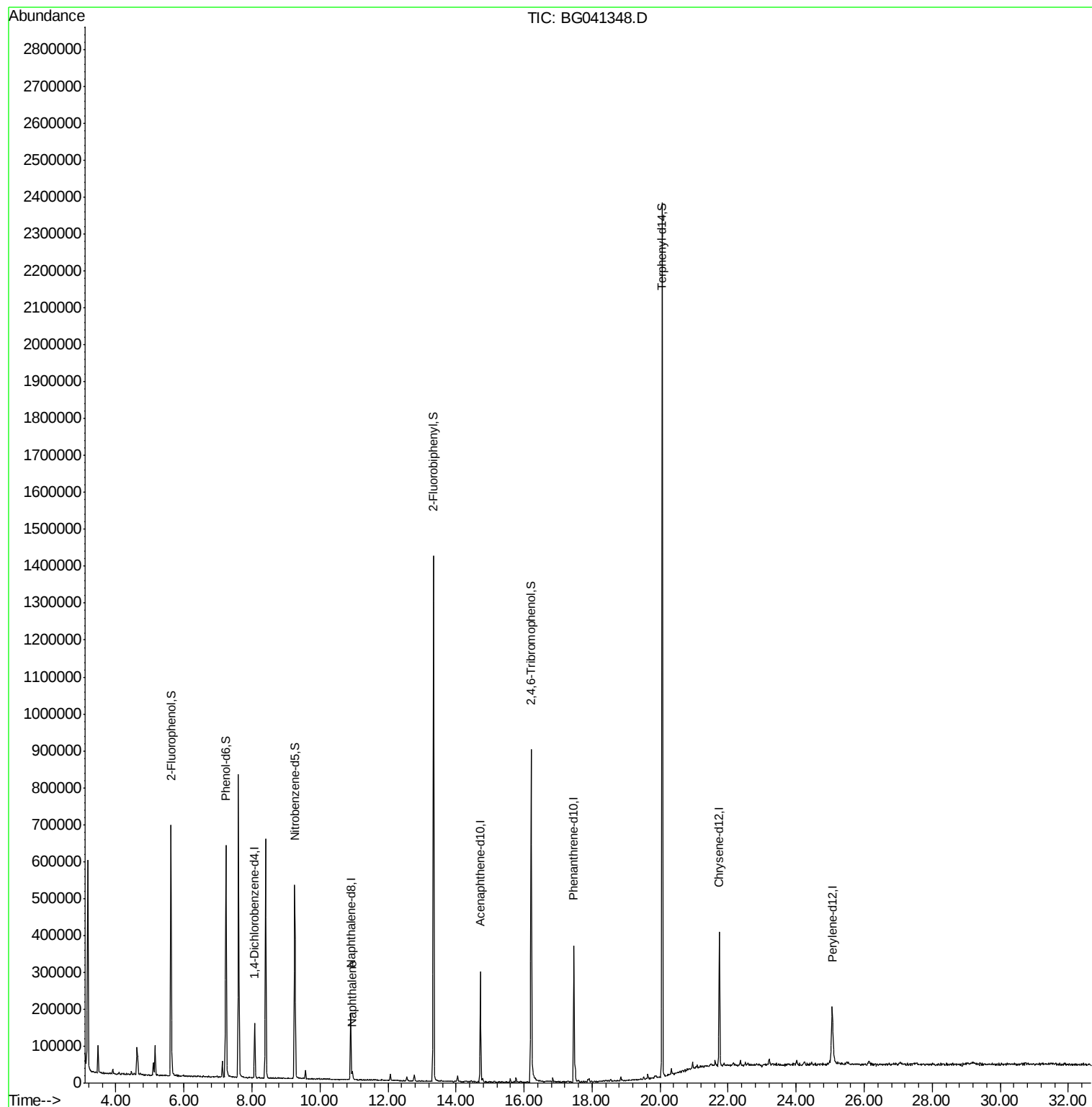
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39310	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	149299	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	100596	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	239345	20.00	ng	0.00
76) Chrysene-d12	21.74	240	228910	20.00	ng	0.00
87) Perylene-d12	25.05	264	216483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	264487	123.63	ng	0.00
7) Phenol-d6	7.24	99	329721	106.32	ng	0.00
23) Nitrobenzene-d5	9.26	82	324159	91.31	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	195999	126.91	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	729635	98.58	ng	0.00
79) Terphenyl-d14	20.06	244	1157258	100.19	ng	0.00
Target Compounds						
31) Naphthalene	10.95	128	18654	2.299	ng	Qvalue 99

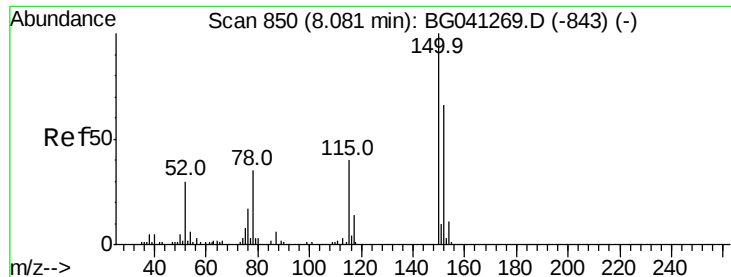
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG041348.D

Acq: 20 Jun 2019 5:37

Instrument :

BNA_G

ClientSampleId :

SU-03-061719-B

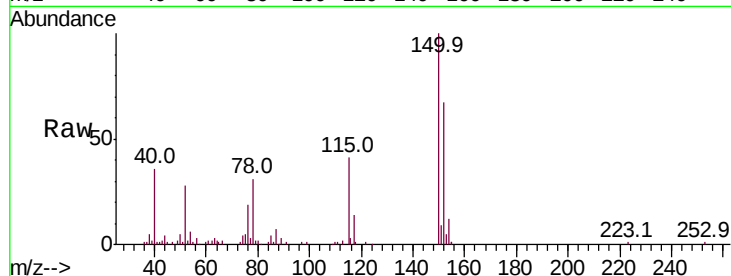
Tot Ion:152 Resp: 39310

Ion Ratio Lower Upper

152 100

150 150.3 120.6 181.0

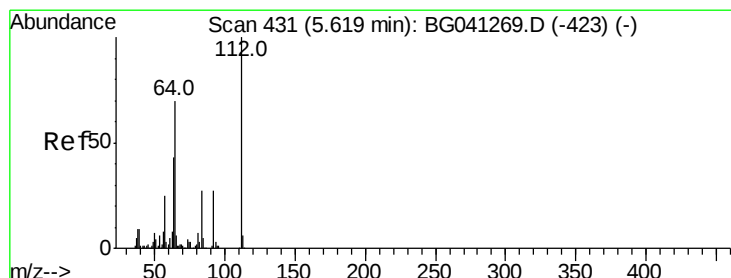
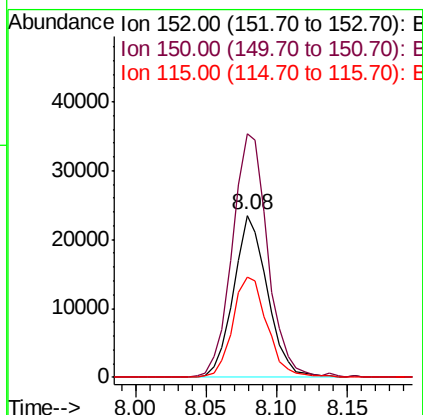
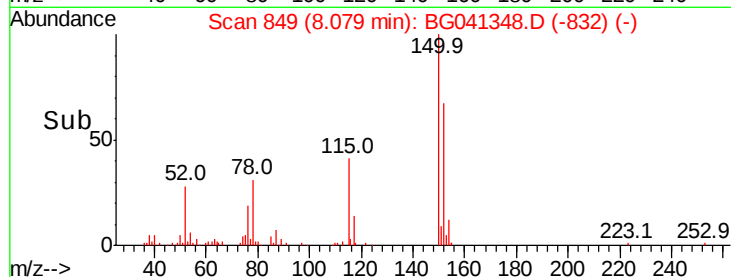
115 61.7 47.9 71.9



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: 123.626 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041348.D

Acq: 20 Jun 2019 5:37

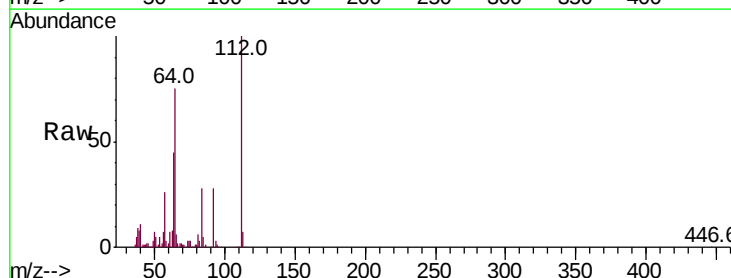
Tgt Ion:112 Resp: 264487

Ion Ratio Lower Upper

112 100

64 74.8 55.9 83.9

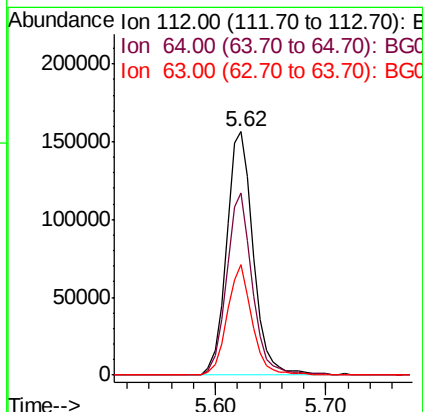
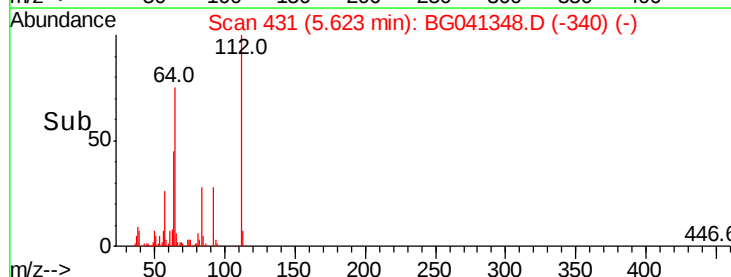
63 45.4 34.6 51.8

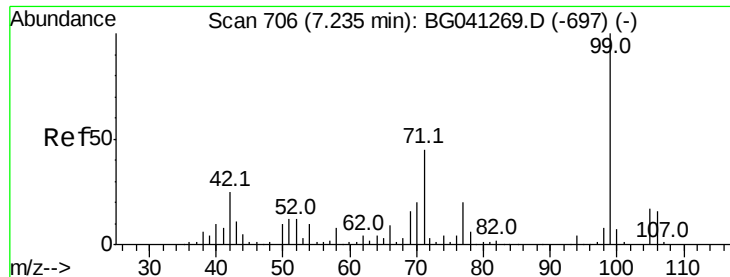


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 106.324 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041348.D

Acq: 20 Jun 2019 5:37

Instrument :

BNA_G

ClientSampleId :

SU-03-061719-B

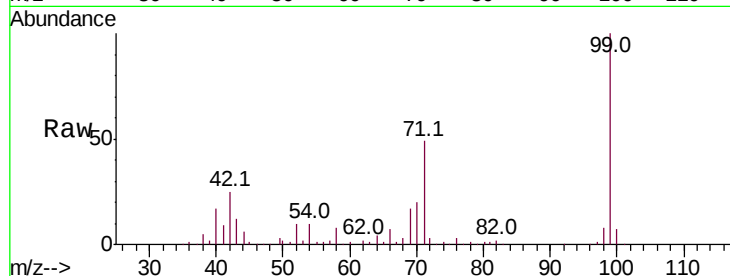
Tot Ion: 99 Resp: 329721

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

71 49.2 36.4 54.6

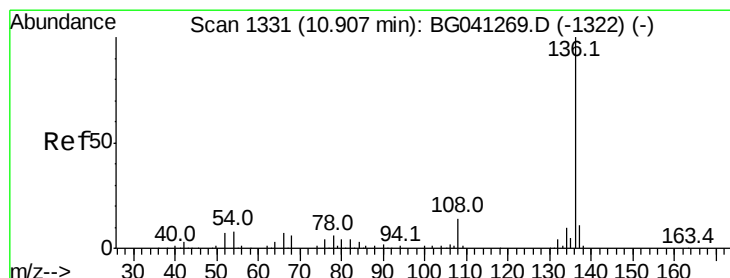
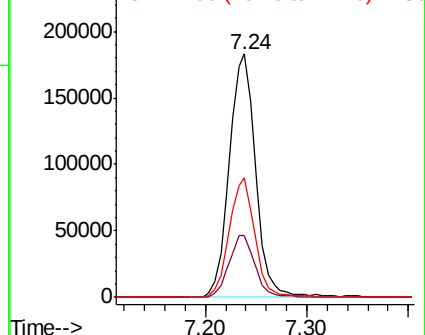
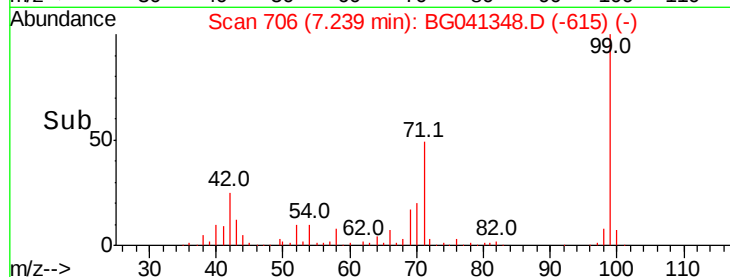


Abundance

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: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041348.D

Acq: 20 Jun 2019 5:37

Tgt Ion: 136 Resp: 149299

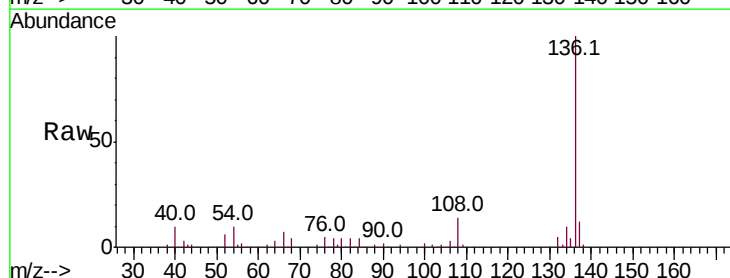
Ion Ratio Lower Upper

136 100

137 12.5 8.8 13.2

54 9.6 6.4 9.6

68 4.4 4.8 7.2#



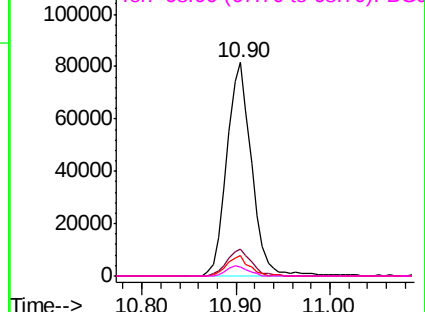
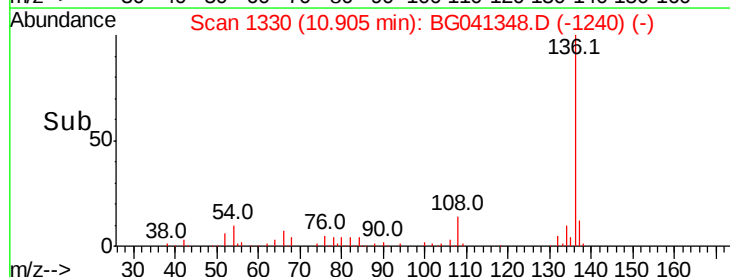
Abundance

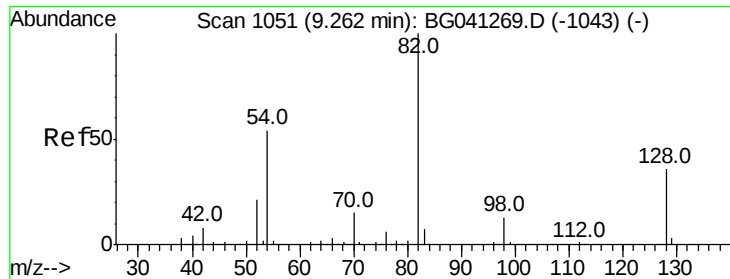
Ion 136.00 (135.70 to 136.70): BGC

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

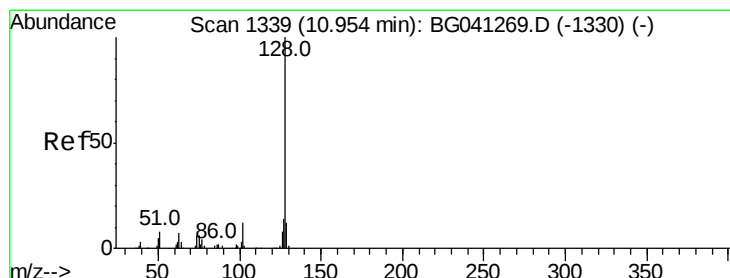
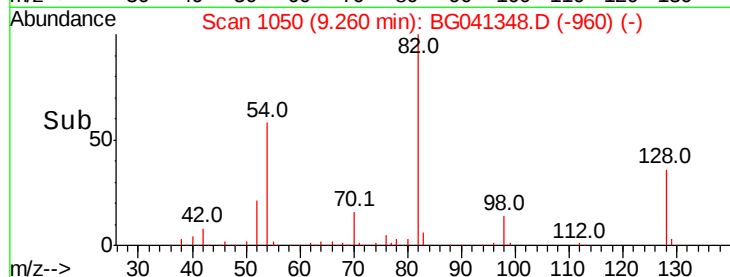
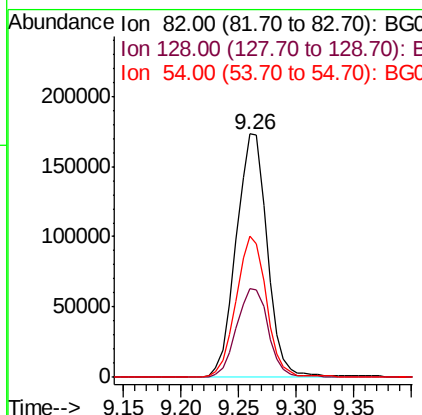
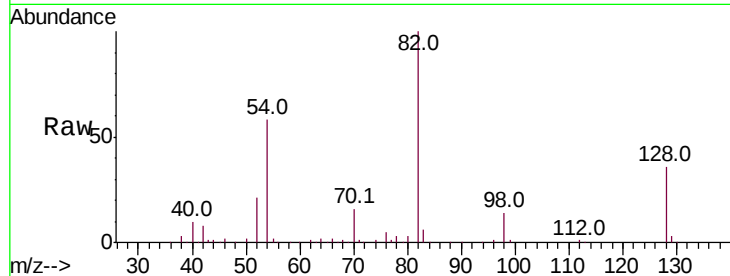




#23
 Nitrobenzene-d5
 Concen: 91.313 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG041348.D
 Acq: 20 Jun 2019 5:37

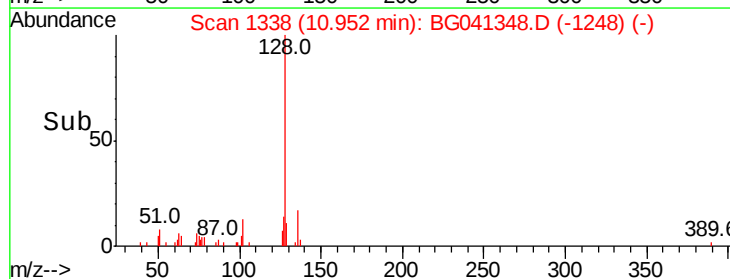
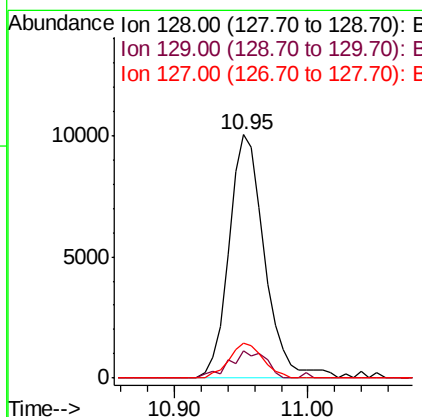
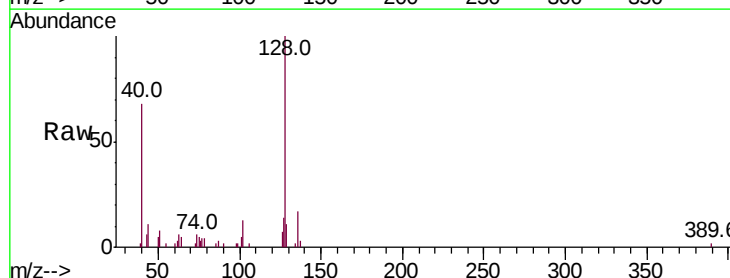
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061719-B

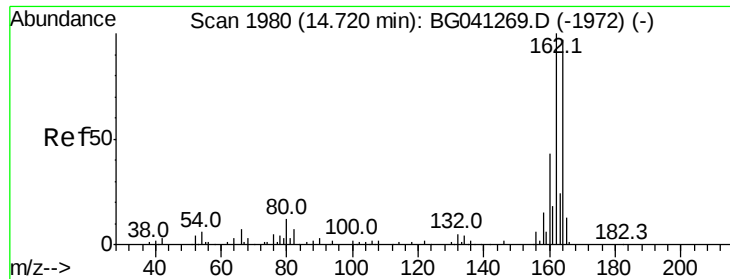
Tot Ion	82	Resp	324159
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.2	43.8
54	58.0	43.4	65.0



#31
 Naphthalene
 Concen: 2.299 ng
 RT: 10.95 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG041348.D
 Acq: 20 Jun 2019 5:37

Tgt Ion	128	Resp	18654
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.4	14.0
127	14.3	11.2	16.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041348.D

Acq: 20 Jun 2019 5:37

Instrument :

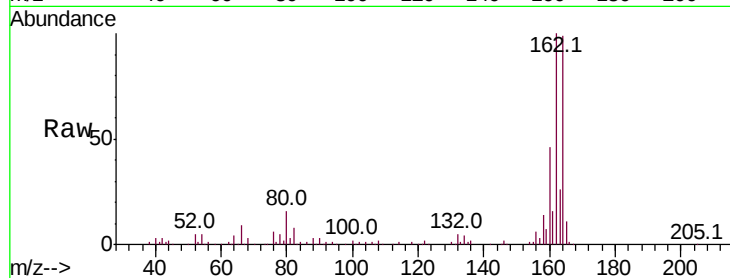
BNA_G

ClientSampleId :

SU-03-061719-B

Tot Ion:164 Resp: 100596

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.8	124.2
160	46.1	35.8	53.8

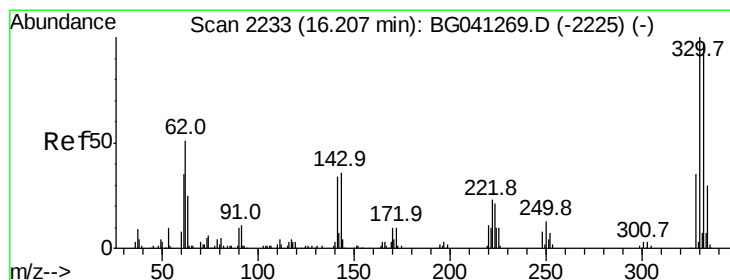
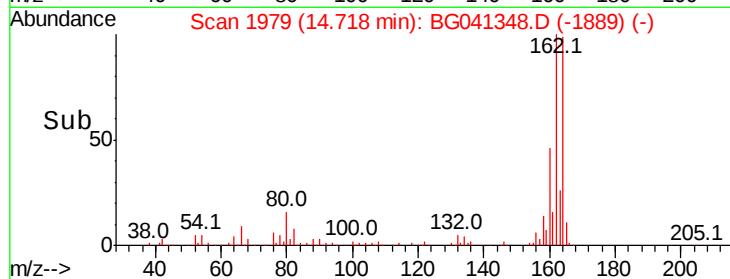
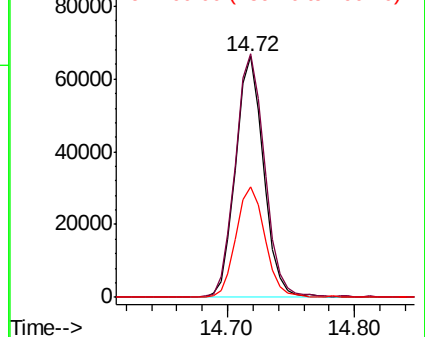


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 126.912 ng

RT: 16.21 min Scan# 2233

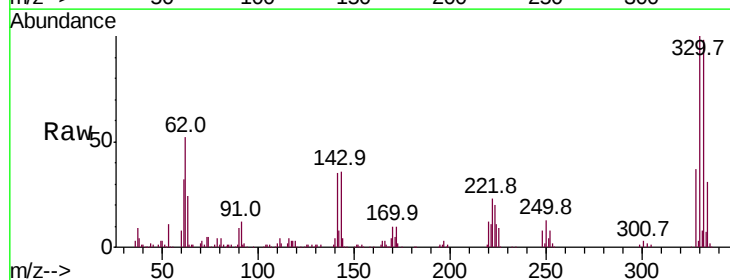
Delta R.T. 0.00 min

Lab File: BG041348.D

Acq: 20 Jun 2019 5:37

Tgt Ion:330 Resp: 195999

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.5	113.3
141	36.9	29.0	43.4

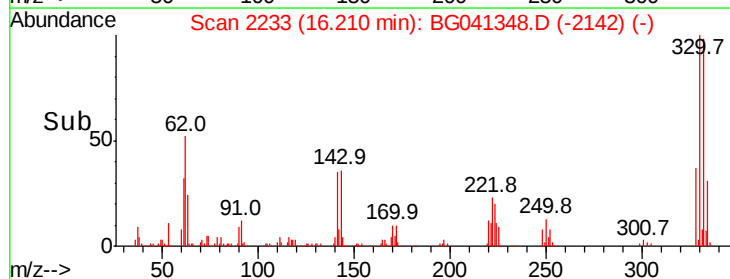
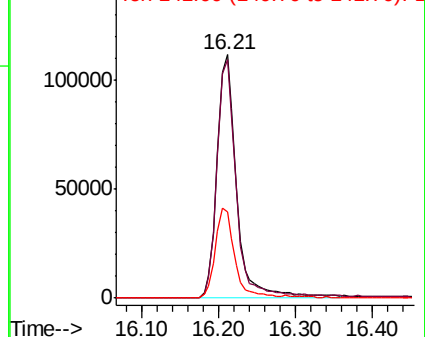


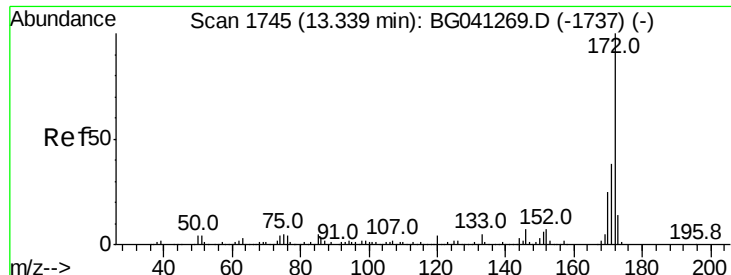
Abundance

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

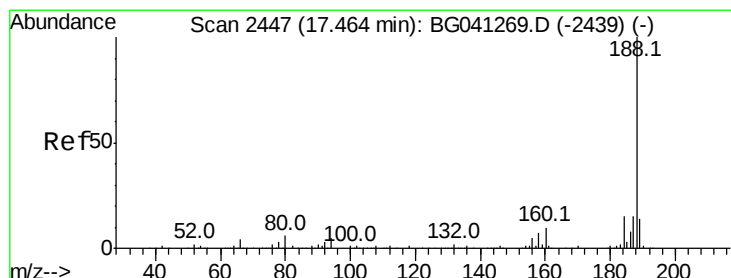
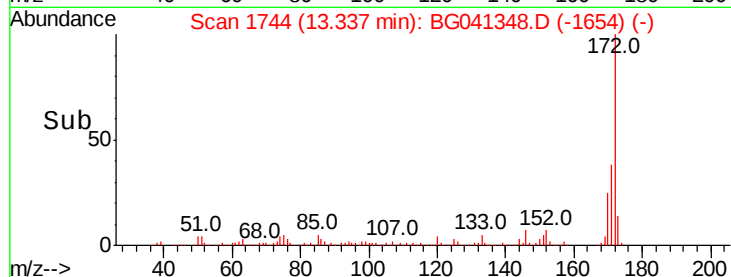
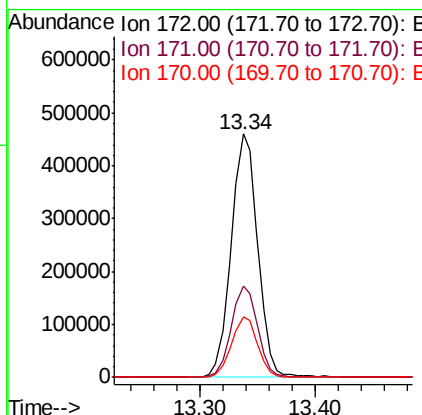
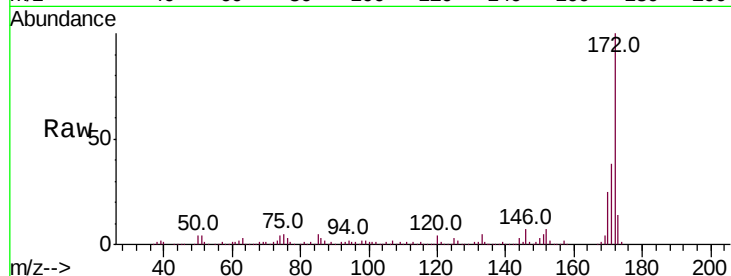




#45
2-Fluorobiphenyl
Concen: 98.581 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041348.D
Acq: 20 Jun 2019 5:37

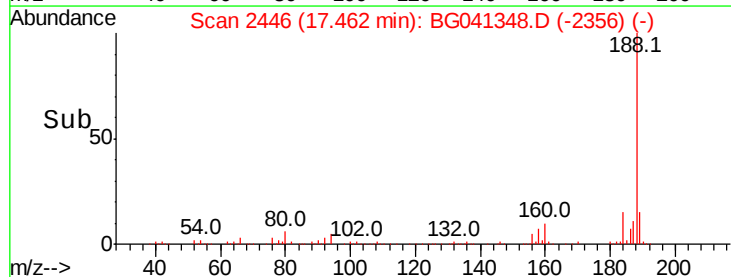
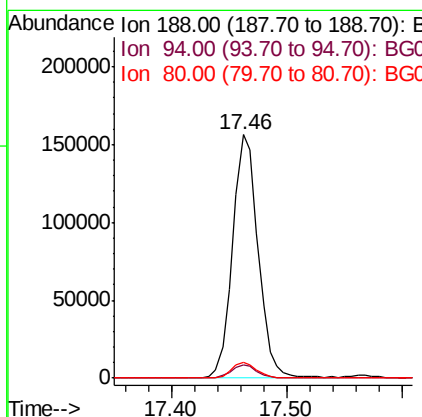
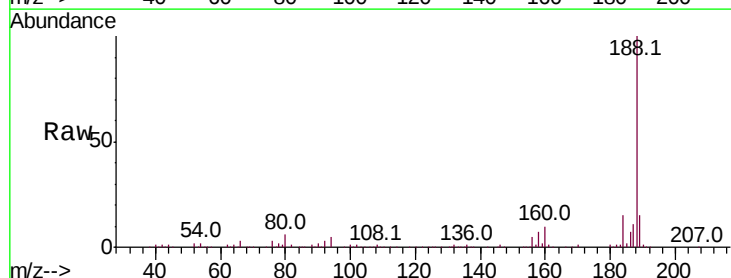
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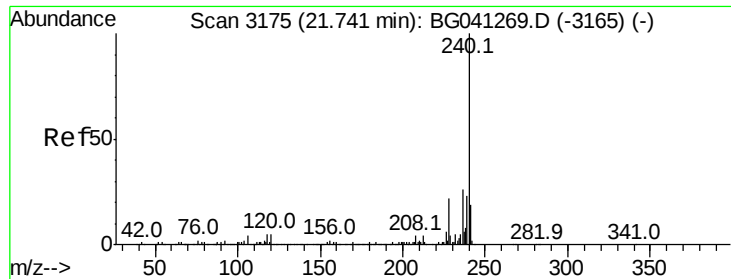
Tot Ion:172 Resp: 729635
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 24.9 19.8 29.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041348.D
Acq: 20 Jun 2019 5:37

Tgt Ion:188 Resp: 239345
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 6.5 4.8 7.2

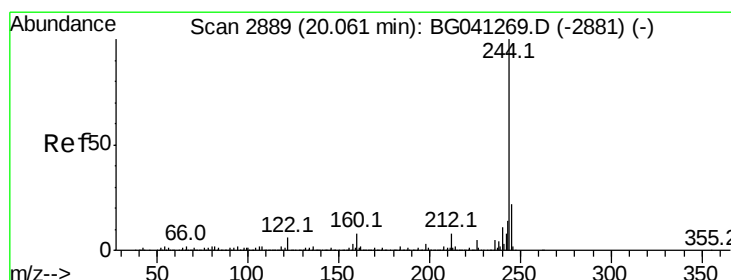
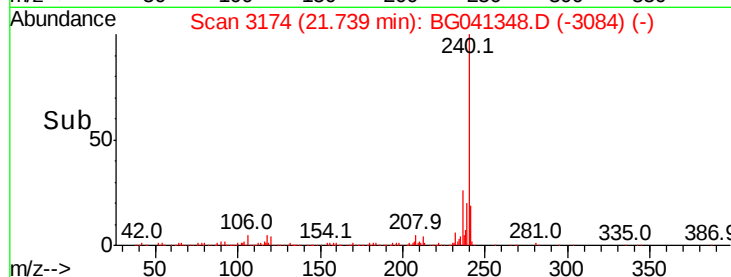
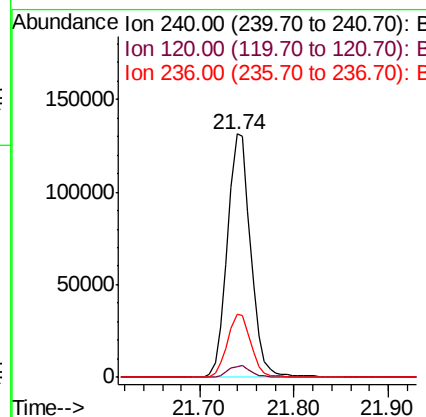
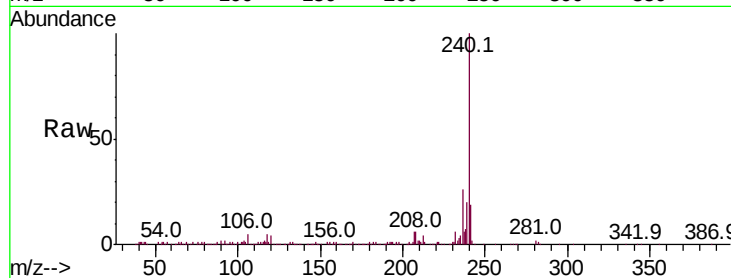




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041348.D
Acq: 20 Jun 2019 5:37

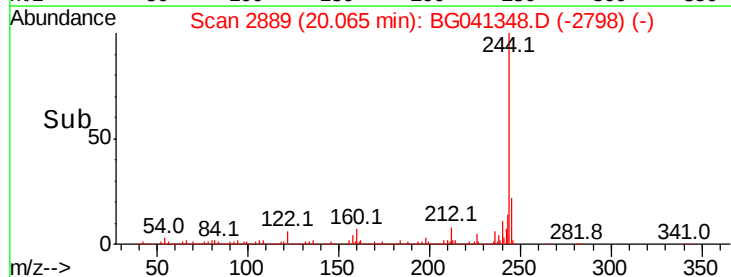
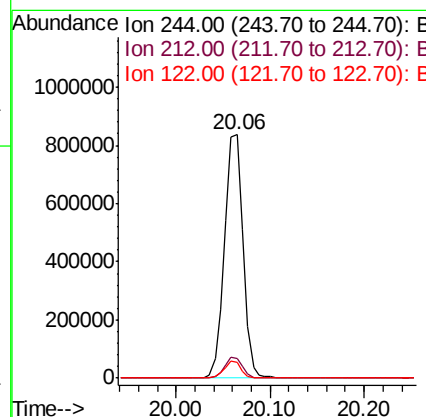
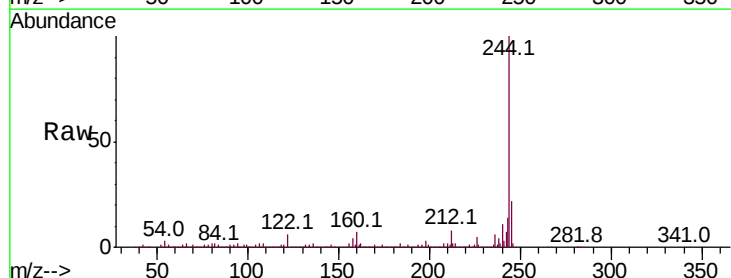
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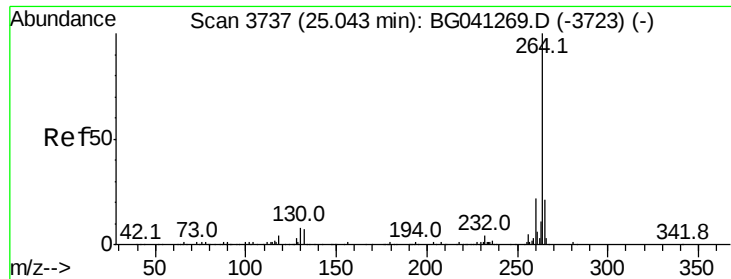
Tot Ion:240 Resp: 228910
Ion Ratio Lower Upper
240 100
120 4.2 3.7 5.5
236 25.7 21.1 31.7



#79
Terphenyl-d14
Concen: 100.190 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041348.D
Acq: 20 Jun 2019 5:37

Tgt Ion:244 Resp: 1157258
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 6.3 5.0 7.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041348.D
Acq: 20 Jun 2019 5:37

Instrument :
BNA_G
ClientSampleId :
SU-03-061719-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.2
265	21.3	17.2	25.8

