

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042734.D
 Acq On : 5 Sep 2019 23:51
 Operator : HP/JU
 Sample : K4683-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190665-LOCATION-3

Quant Time: Sep 06 07:39:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

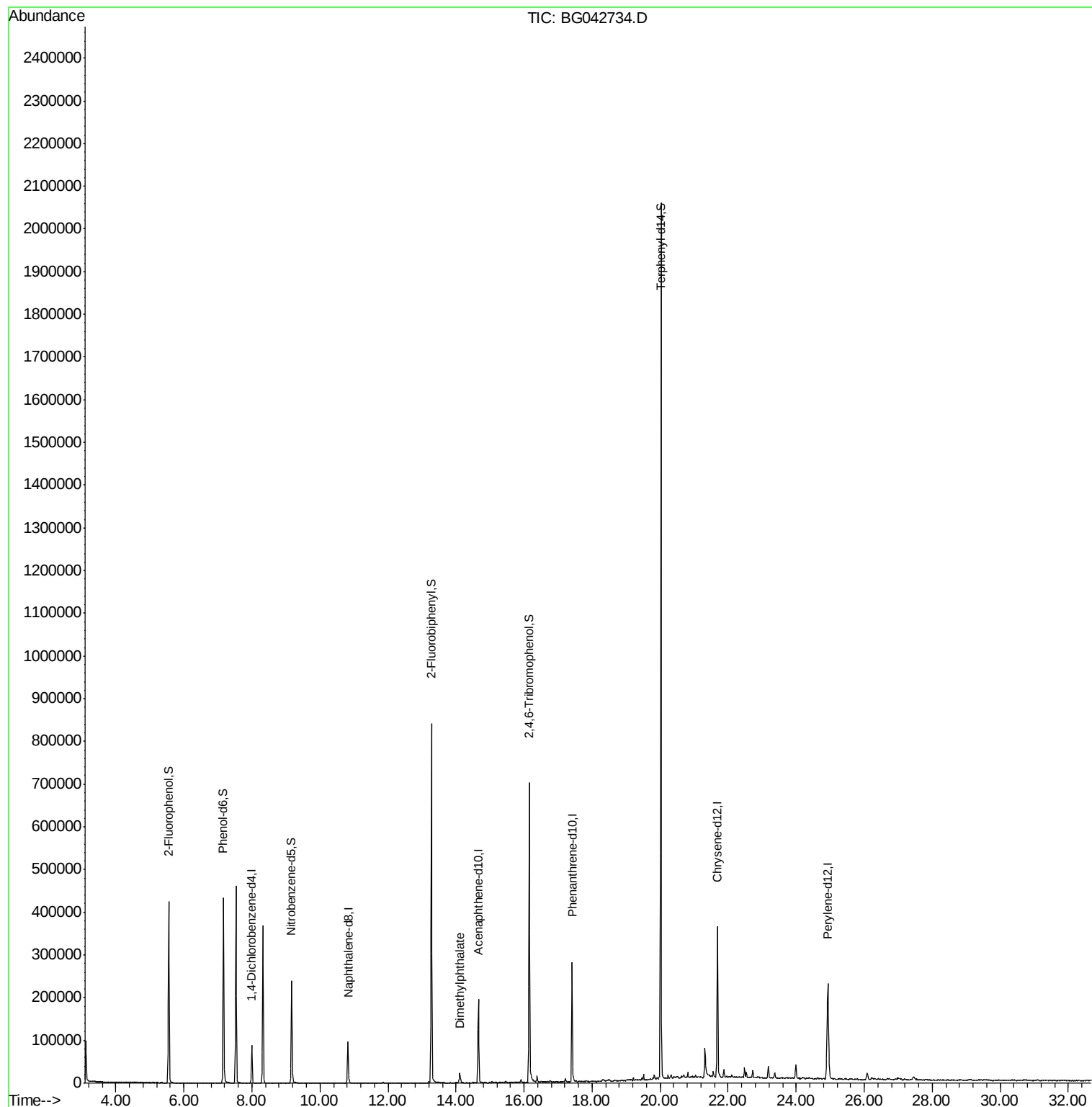
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29369	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	108077	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	83611	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	201267	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	231609	20.00	ng	-0.01
87) Perylene-d12	24.93	264	275907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	217108	149.72	ng	-0.01
7) Phenol-d6	7.16	99	285549	145.78	ng	-0.01
23) Nitrobenzene-d5	9.16	82	157332	100.60	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	198397	166.95	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	526623	106.53	ng	0.00
79) Terphenyl-d14	20.02	244	1067523	99.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	24677	4.090	ng	Qvalue 100

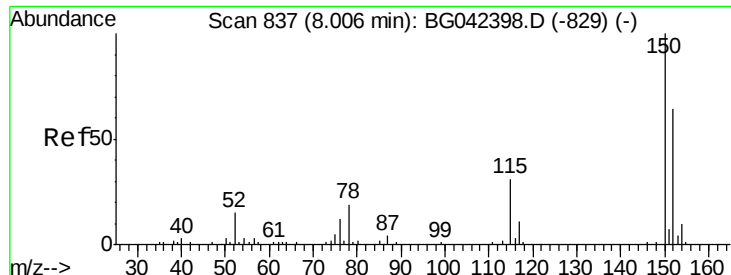
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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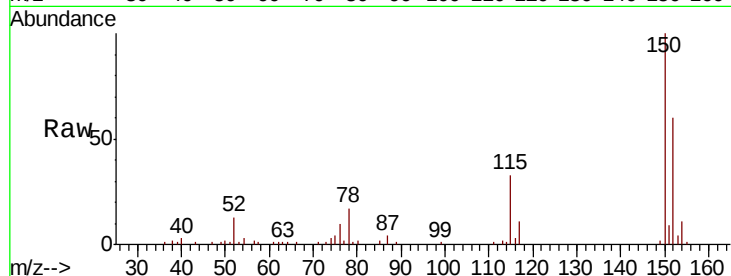


#1

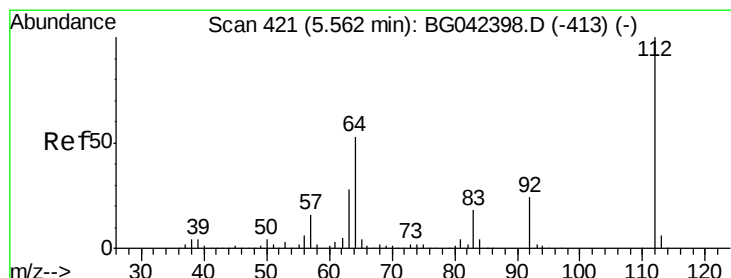
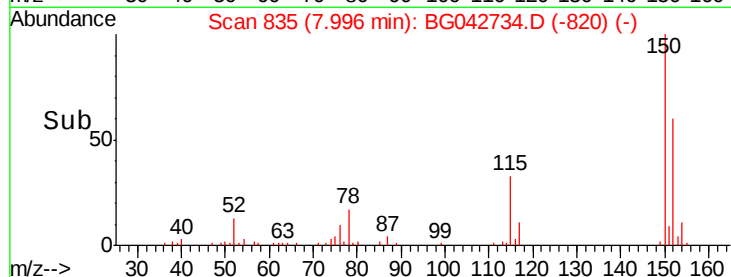
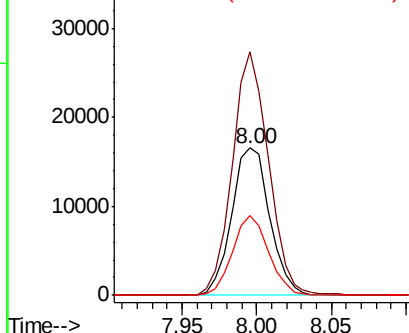
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042734.D
Acq: 5 Sep 2019 23:51

Instrument :
BNA_G
ClientSampleId :
20190665-LOCATION-3

Tot Ion:152 Resp: 29369
Ion Ratio Lower Upper
152 100
150 165.6 125.4 188.0
115 54.0 38.5 57.7



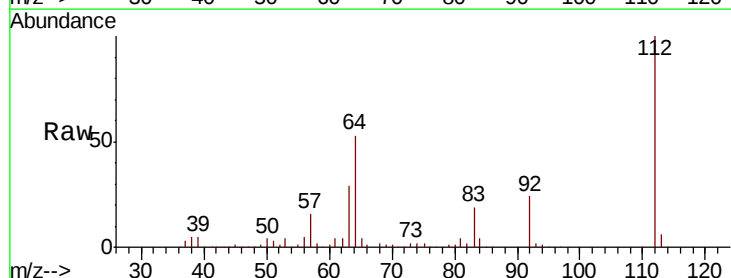
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



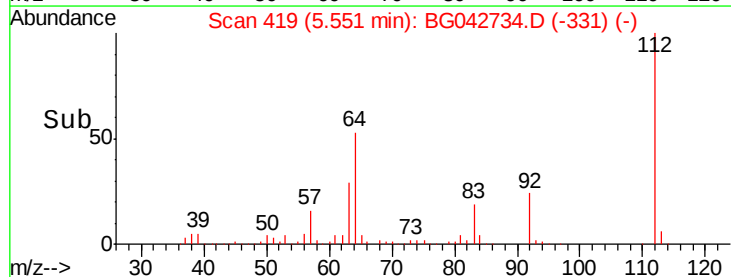
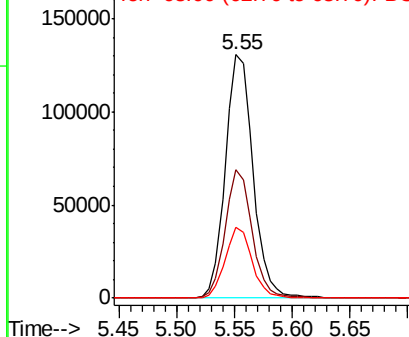
#5

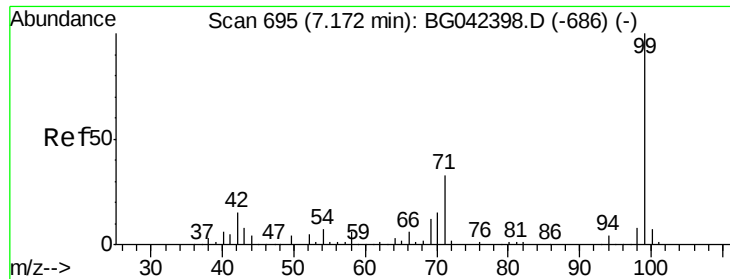
2-Fluorophenol
Concen: 149.718 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042734.D
Acq: 5 Sep 2019 23:51

Tgt Ion:112 Resp: 217108
Ion Ratio Lower Upper
112 100
64 52.8 42.8 64.2
63 29.0 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.779 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042734.D

Acq: 5 Sep 2019 23:51

Instrument :

BNA_G

ClientSampleId :

20190665-LOCATION-3

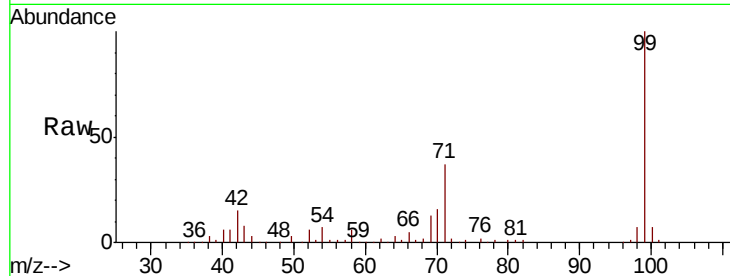
Tot Ion: 99 Resp: 285549

Ion Ratio Lower Upper

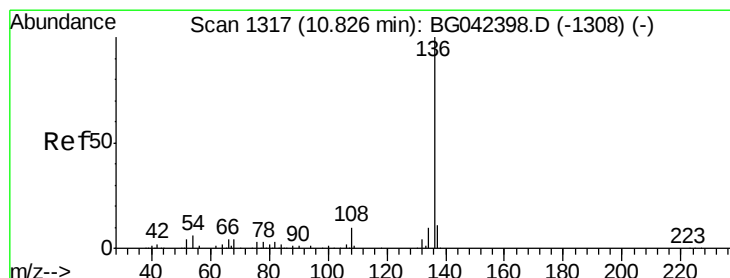
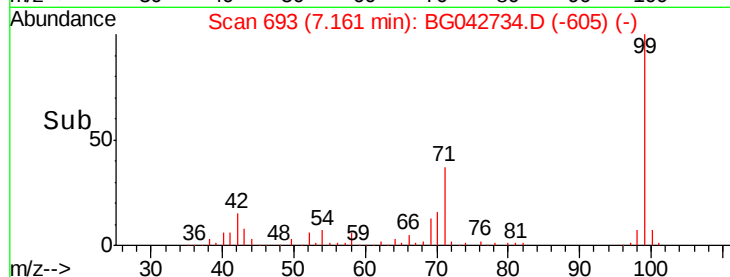
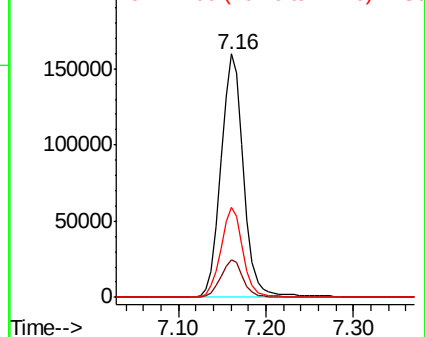
99 100

42 15.5 12.0 18.0

71 36.8 26.3 39.5



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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042734.D

Acq: 5 Sep 2019 23:51

Tgt Ion: 136 Resp: 108077

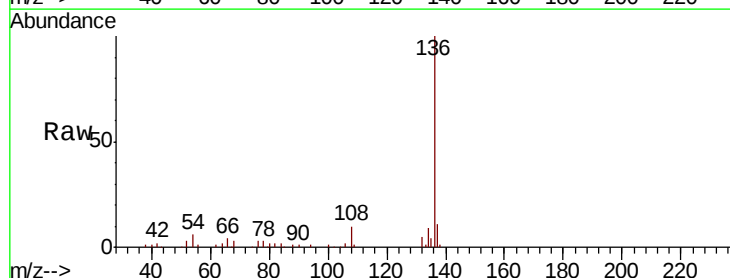
Ion Ratio Lower Upper

136 100

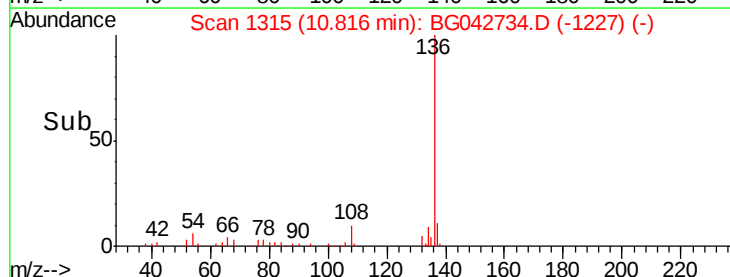
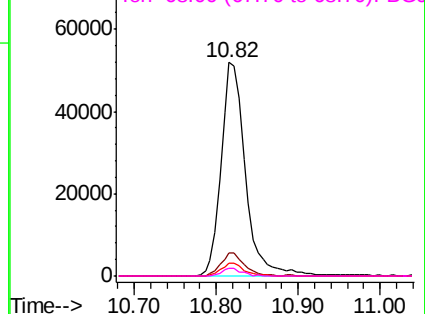
137 10.6 8.7 13.1

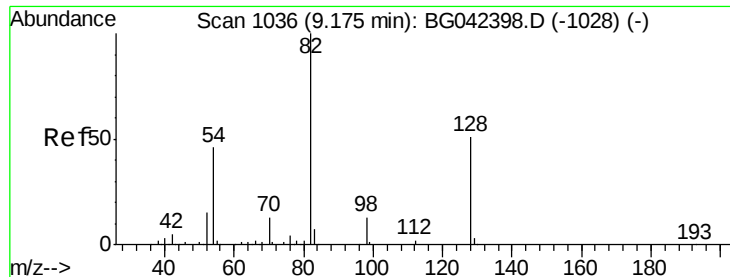
54 5.8 4.9 7.3

68 3.4 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

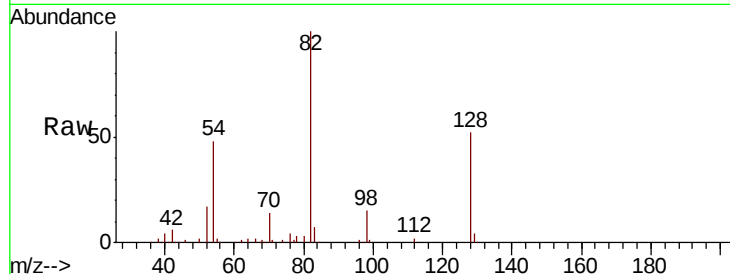




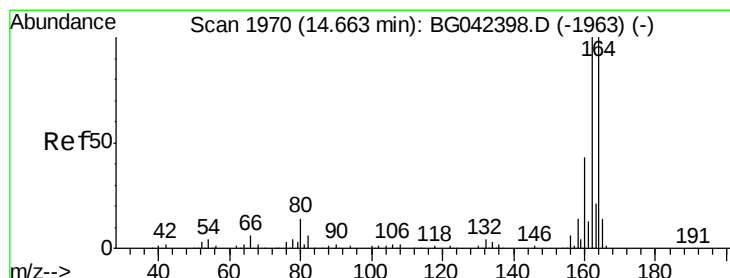
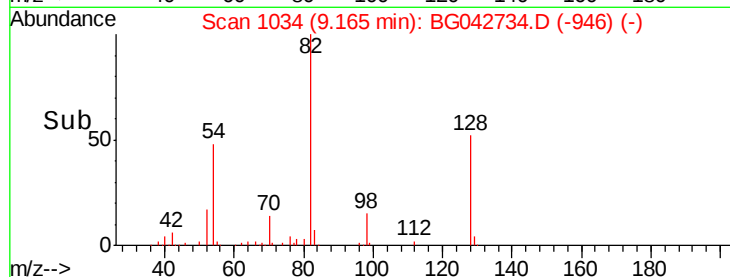
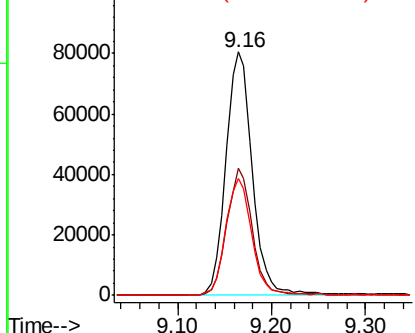
#23
Nitrobenzene-d5
Concen: 100.597 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042734.D
Acq: 5 Sep 2019 23:51

Instrument :
BNA_G
ClientSampleId :
20190665-LOCATION-3

Tot Ion: 82 Resp: 157332
Ion Ratio Lower Upper
82 100
128 52.2 40.7 61.1
54 48.2 36.3 54.5

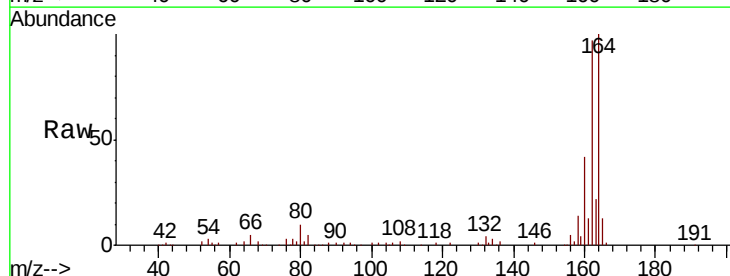


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

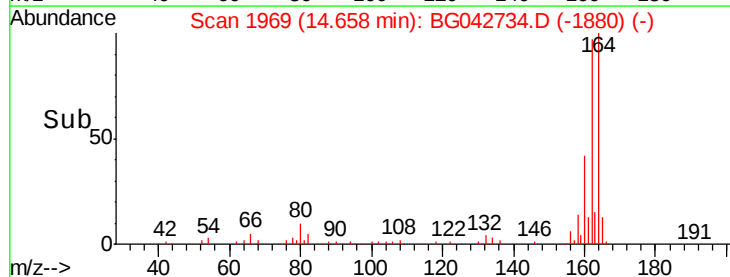
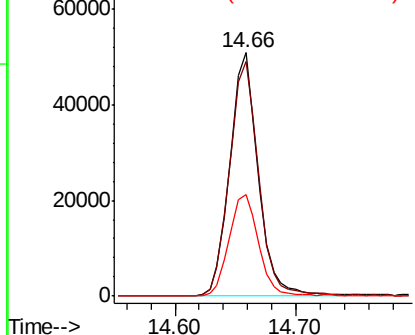


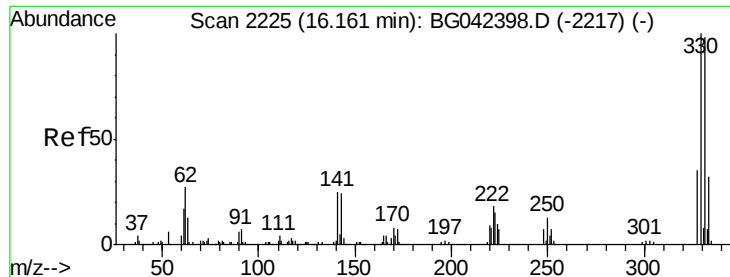
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042734.D
Acq: 5 Sep 2019 23:51

Tgt Ion:164 Resp: 83611
Ion Ratio Lower Upper
164 100
162 96.6 79.9 119.9
160 41.8 34.3 51.5



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: 166.946 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042734.D

Acq: 5 Sep 2019 23:51

Instrument :

BNA_G

ClientSampleId :

20190665-LOCATION-3

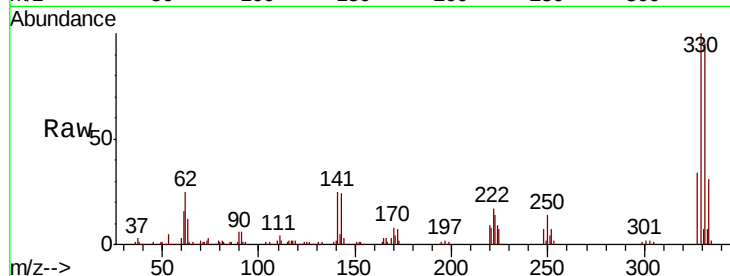
Tot Ion:330 Resp: 198397

Ion Ratio Lower Upper

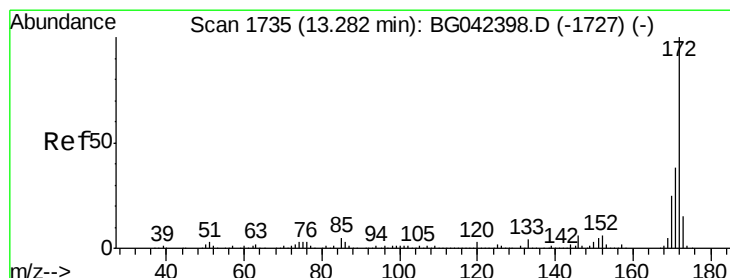
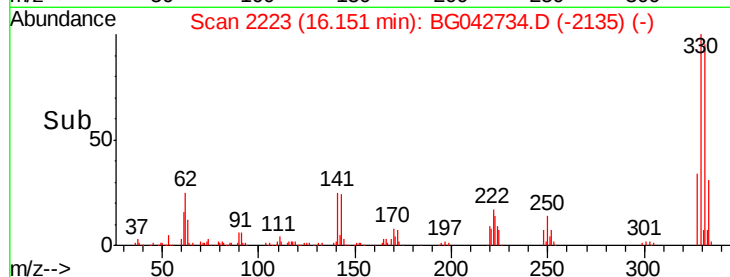
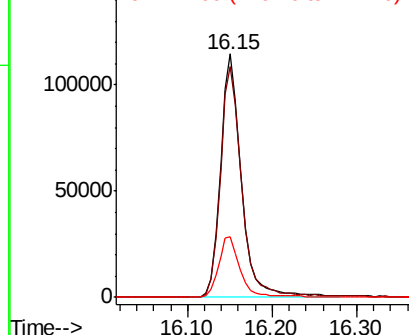
330 100

332 95.8 77.4 116.0

141 25.8 21.4 32.0



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: 106.525 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042734.D

Acq: 5 Sep 2019 23:51

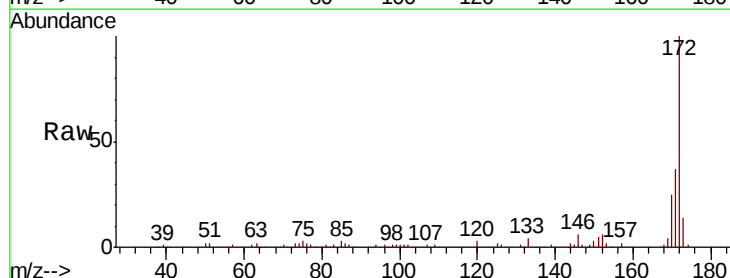
Tgt Ion:172 Resp: 526623

Ion Ratio Lower Upper

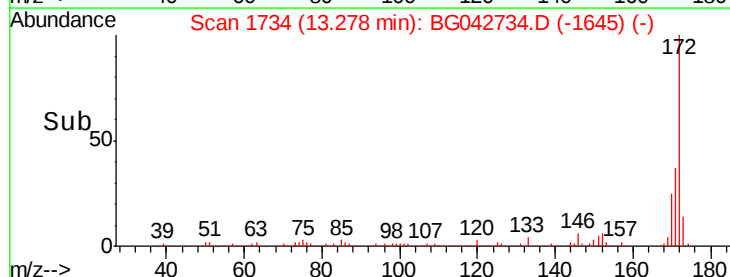
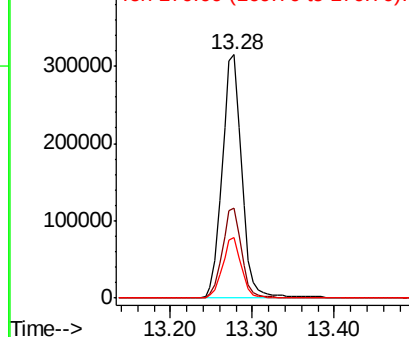
172 100

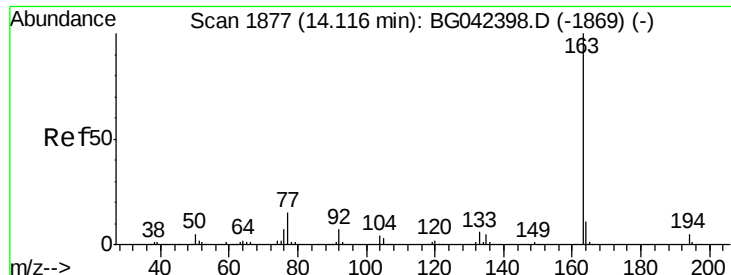
171 36.7 30.5 45.7

170 25.0 20.2 30.2



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

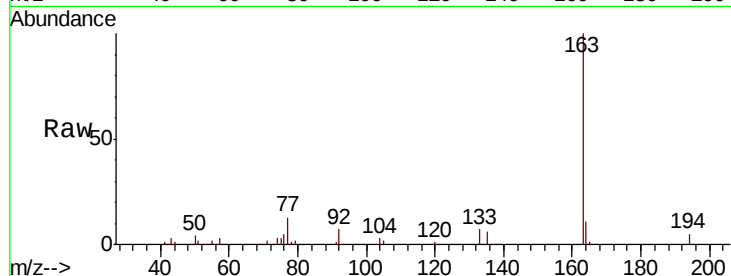




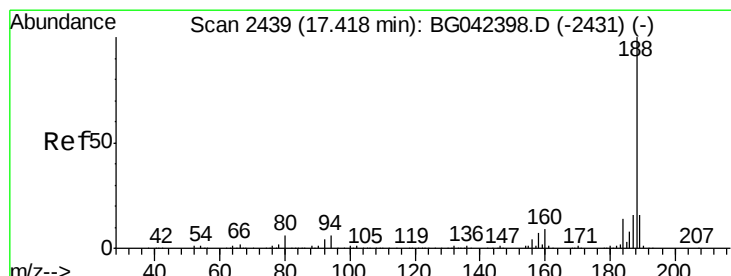
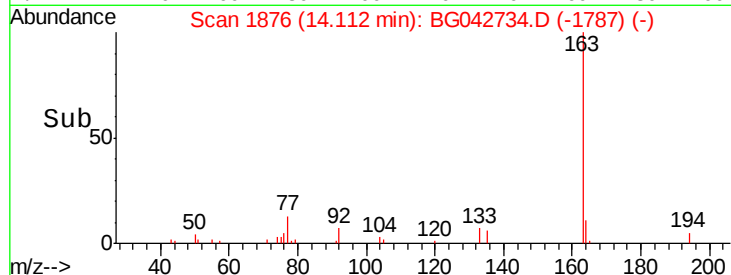
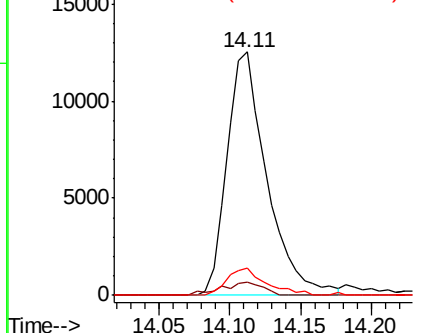
#50
Dimethylphthalate
Concen: 4.090 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042734.D
Acq: 5 Sep 2019 23:51

Instrument :
BNA_G
ClientSampleId :
20190665-LOCATION-3

Tot Ion:163 Resp: 24677
Ion Ratio Lower Upper
163 100
194 5.4 4.2 6.2
164 11.2 8.8 13.2

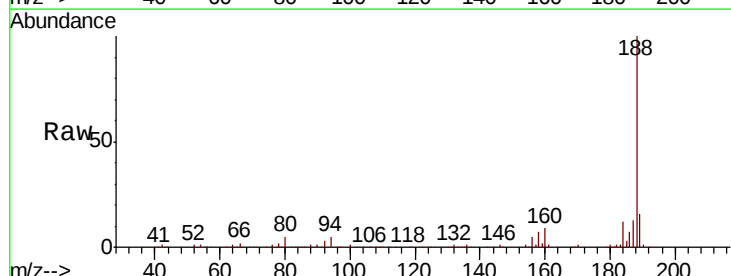


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

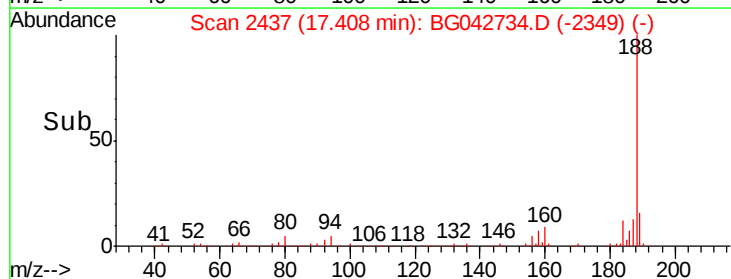
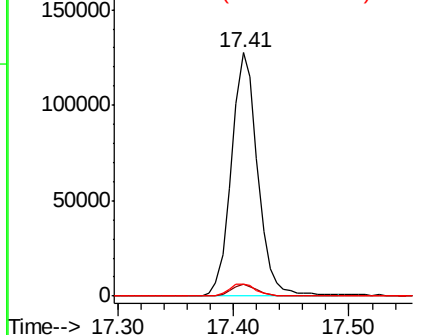


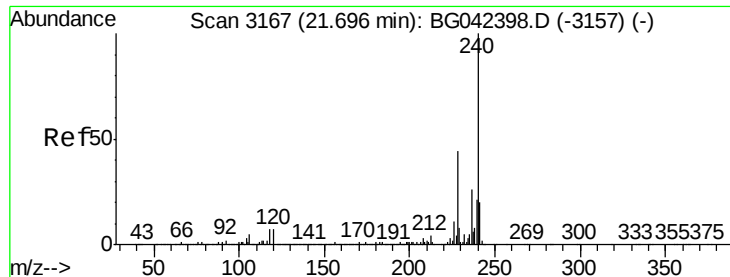
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042734.D
Acq: 5 Sep 2019 23:51

Tgt Ion:188 Resp: 201267
Ion Ratio Lower Upper
188 100
94 5.0 4.5 6.7
80 5.1 4.9 7.3



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# 3165

Delta R.T. -0.01 min

Lab File: BG042734.D

Acq: 5 Sep 2019 23:51

Instrument :

BNA_G

ClientSampleId :

20190665-LOCATION-3

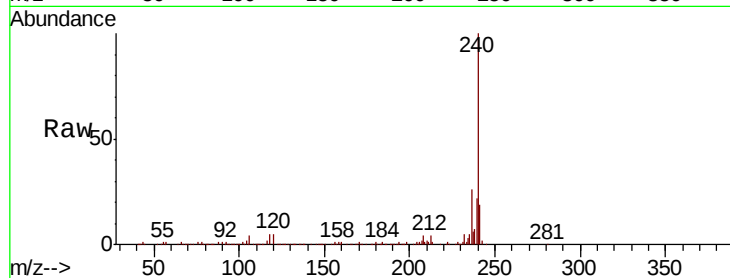
Tot Ion:240 Resp: 231609

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

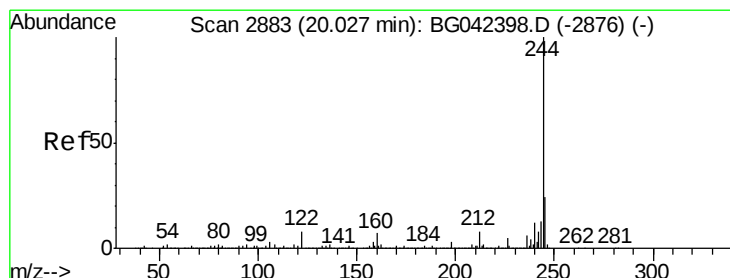
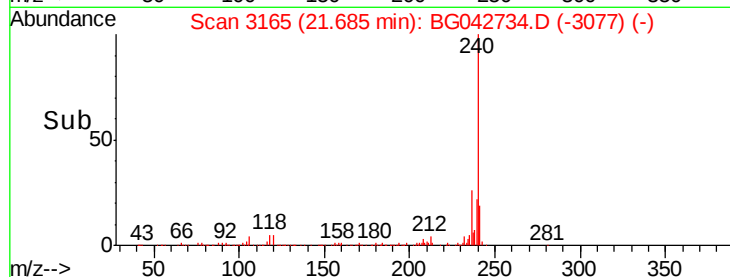
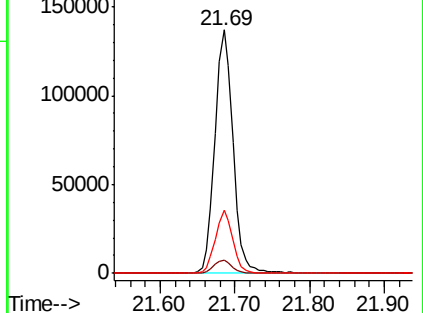
236 26.1 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 99.646 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042734.D

Acq: 5 Sep 2019 23:51

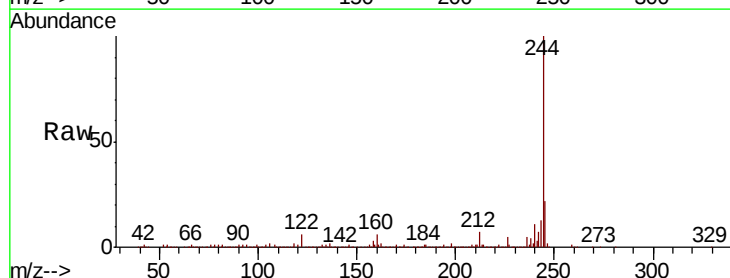
Tgt Ion:244 Resp: 1067523

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

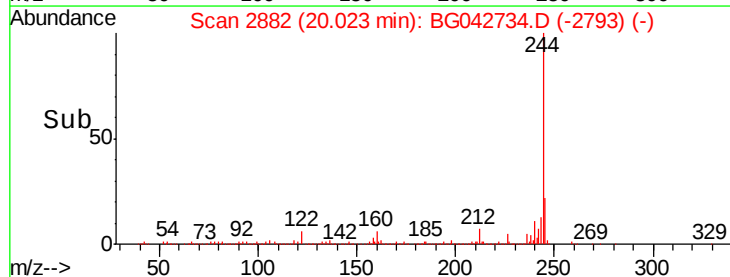
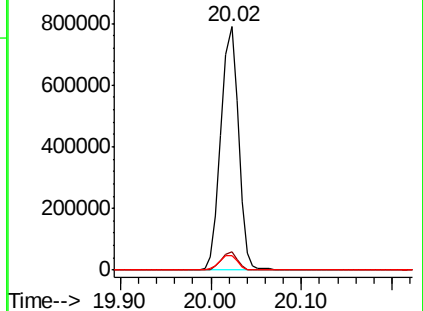
122 6.2 6.7 10.1#

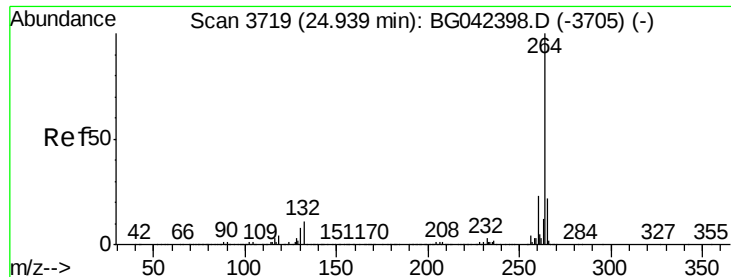


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042734.D
Acq: 5 Sep 2019 23:51

Instrument :
BNA_G
ClientSampleId :
20190665-LOCATION-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.9	17.6	26.4

