

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041918\
 Data File : BG033872.D
 Acq On : 19 Apr 2018 17:11
 Operator : SJ/JU
 Sample : J2165-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-041818

Quant Time: Apr 20 04:04:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

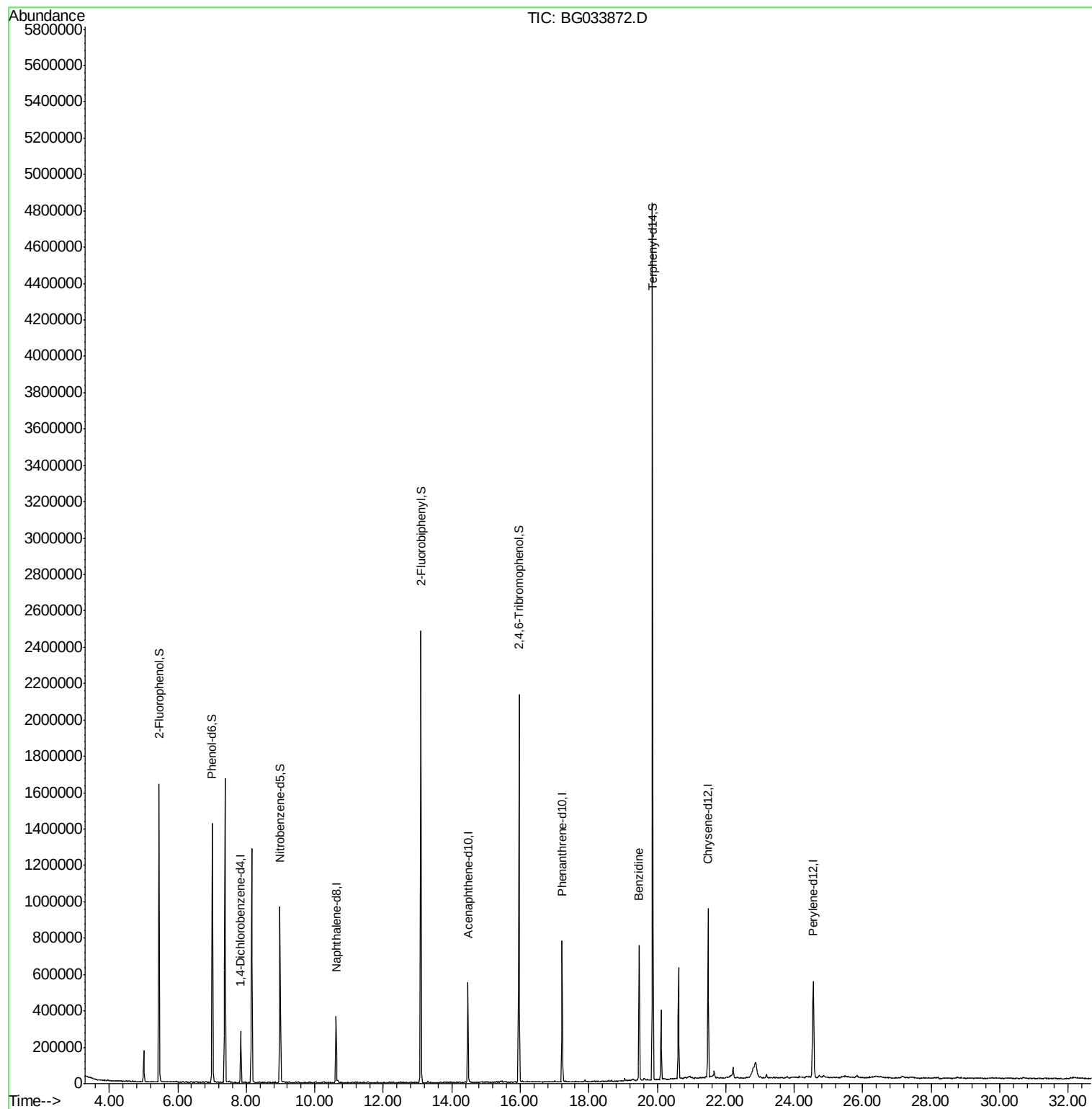
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	76034	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	305375	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	184568	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	472647	20.00	ng	0.00
75) Chrysene-d12	21.48	240	523186	20.00	ng	0.00
86) Perylene-d12	24.56	264	532707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	659541	138.49	ng	0.00
7) Phenol-d6	7.01	99	795644	114.54	ng	0.00
23) Nitrobenzene-d5	8.99	82	582528	108.56	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	366319	170.12	ng	0.00
44) 2-Fluorobiphenyl	13.10	172	1293662	102.97	ng	0.00
78) Terphenyl-d14	19.87	244	2161931	92.84	ng	0.00
Target Compounds						
76) Benzidine	19.47	184	429320	30.388	ng	Qvalue 99

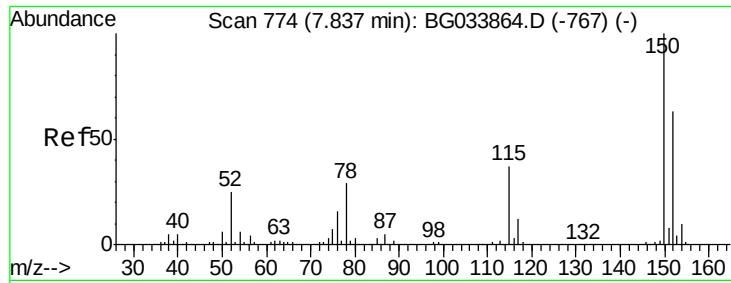
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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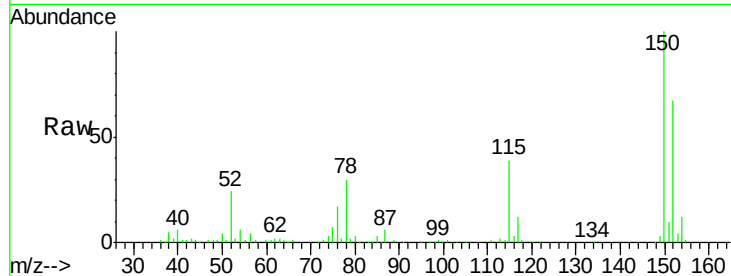


#1

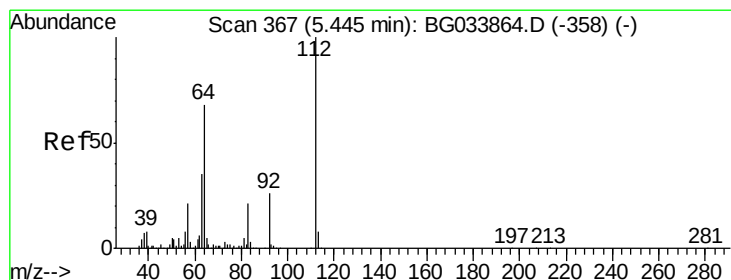
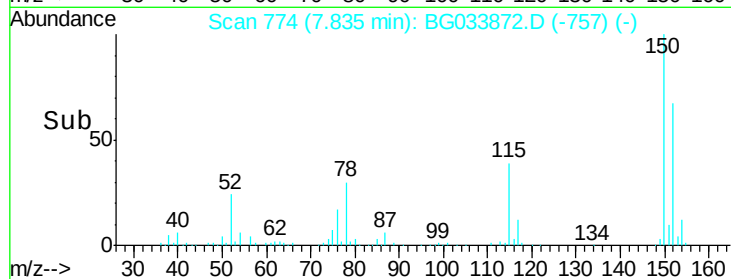
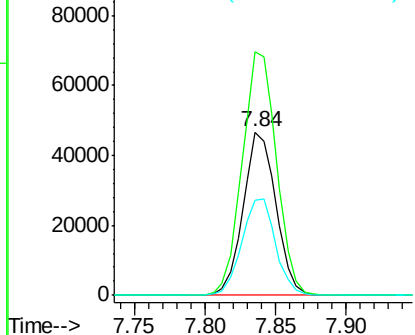
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033872.D
Acq: 19 Apr 2018 17:11

Instrument :
BNA_G
ClientSampleId :
SU-01-041818

Tot Ion:152 Resp: 76034
Ion Ratio Lower Upper
152 100
150 148.9 126.6 189.8
115 58.3 53.0 79.4



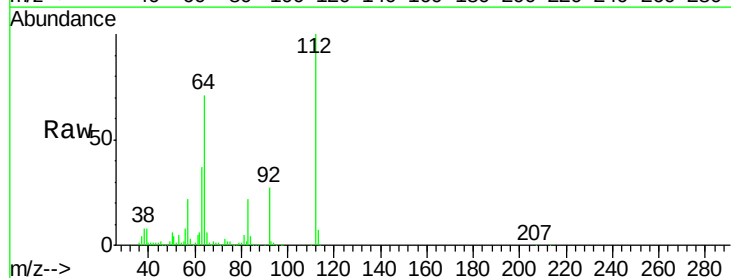
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



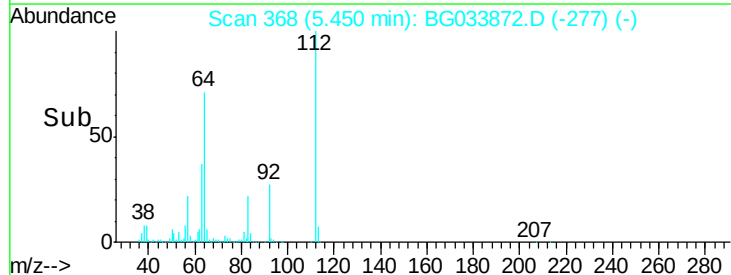
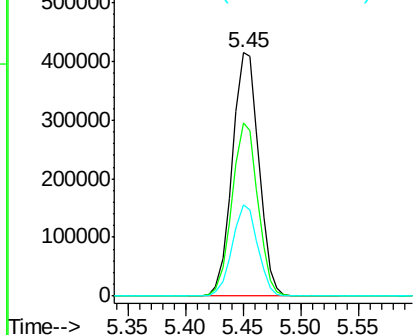
#5

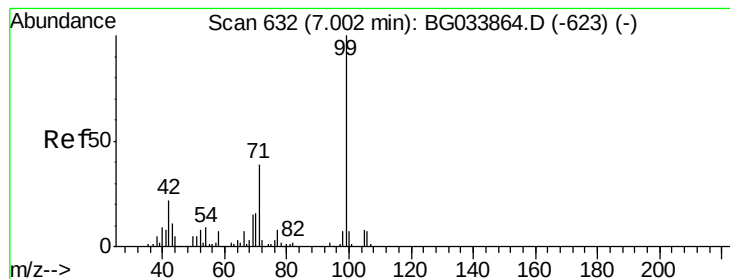
2-Fluorophenol
Concen: 138.488 ng
RT: 5.45 min Scan# 368
Delta R.T. 0.00 min
Lab File: BG033872.D
Acq: 19 Apr 2018 17:11

Tgt Ion:112 Resp: 659541
Ion Ratio Lower Upper
112 100
64 71.3 56.3 84.5
63 37.3 30.1 45.1



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: 114.542 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033872.D

Acq: 19 Apr 2018 17:11

Instrument :

BNA_G

ClientSampleId :

SU-01-041818

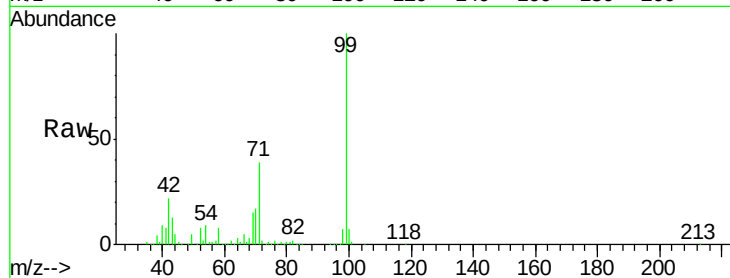
Tot Ion: 99 Resp: 795644

Ion Ratio Lower Upper

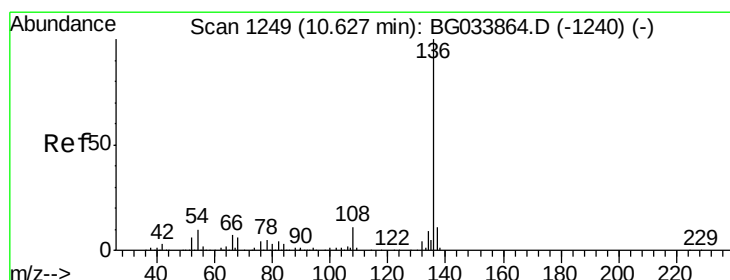
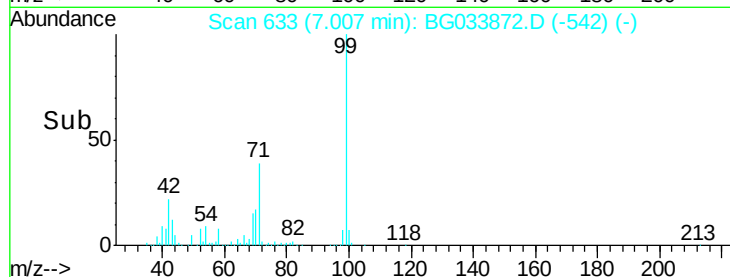
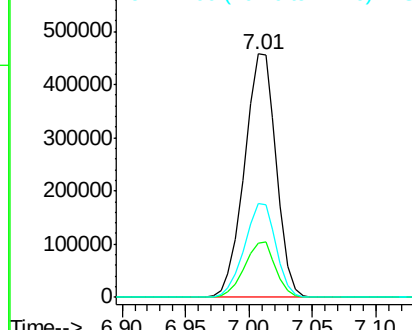
99 100

42 22.3 14.1 21.1#

71 38.7 26.1 39.1



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: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033872.D

Acq: 19 Apr 2018 17:11

Tgt Ion: 136 Resp: 305375

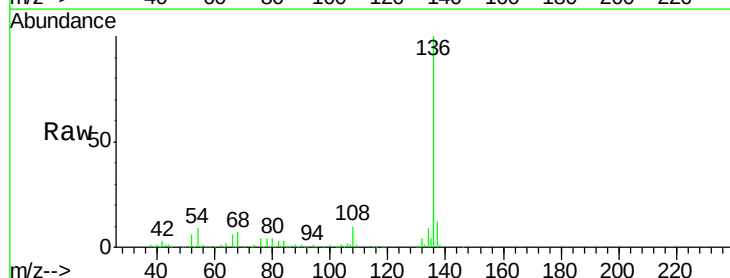
Ion Ratio Lower Upper

136 100

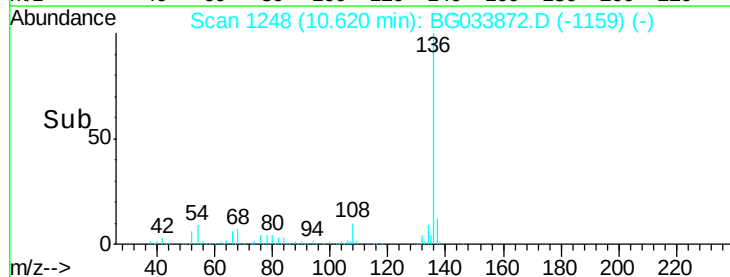
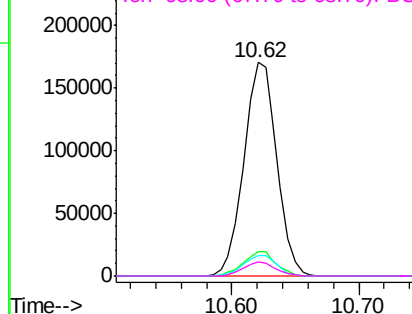
137 11.7 9.2 13.8

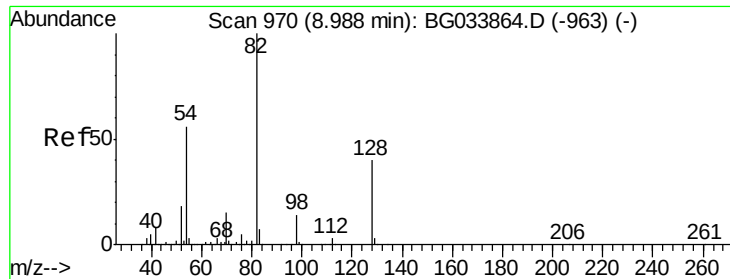
54 9.4 10.3 15.5#

68 6.6 4.5 6.7



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

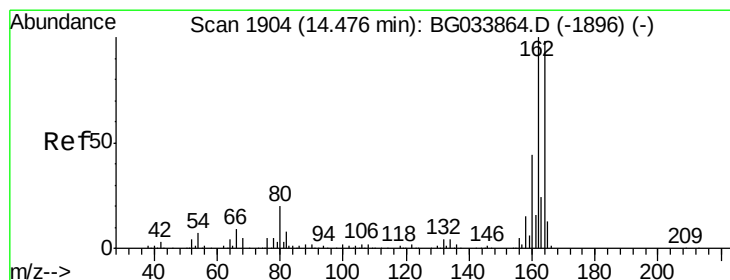
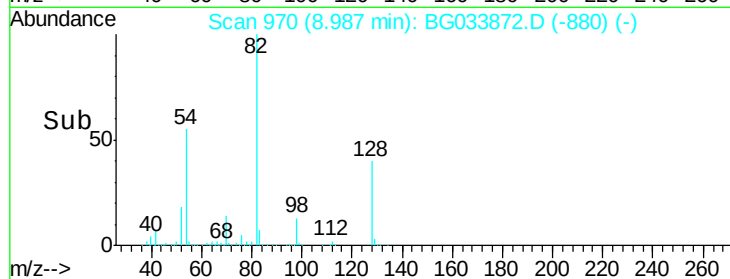
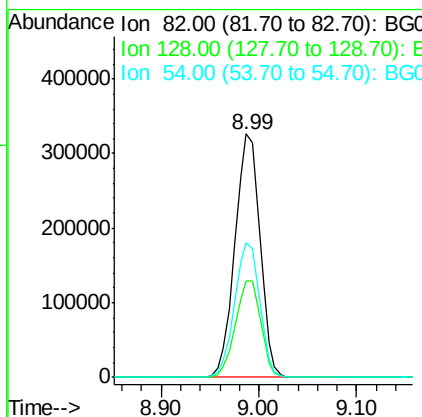
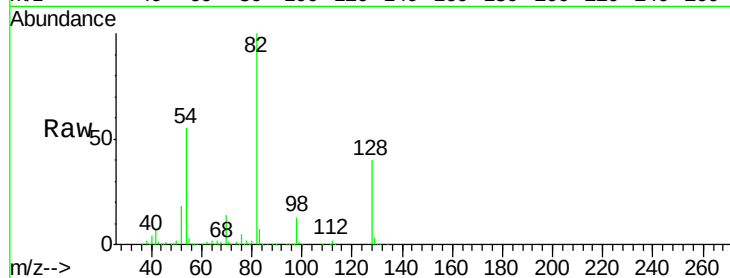




#23
 Nitrobenzene-d5
 Concen: 108.560 ng
 RT: 8.99 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BG033872.D
 Acq: 19 Apr 2018 17:11

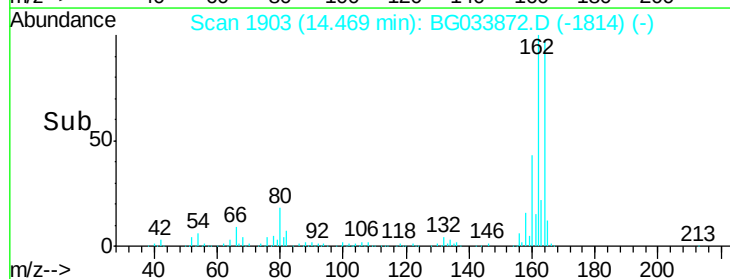
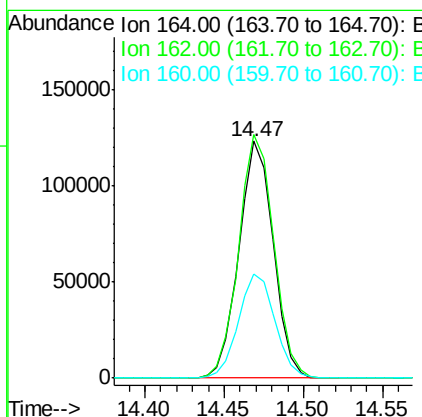
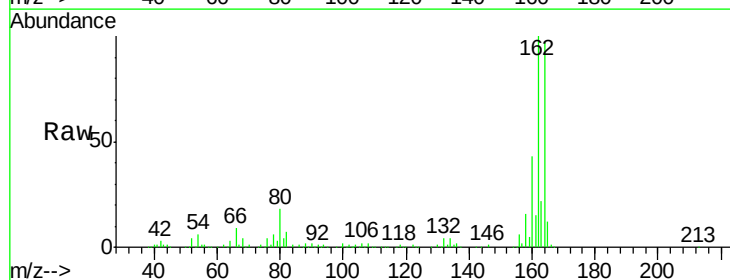
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-041818

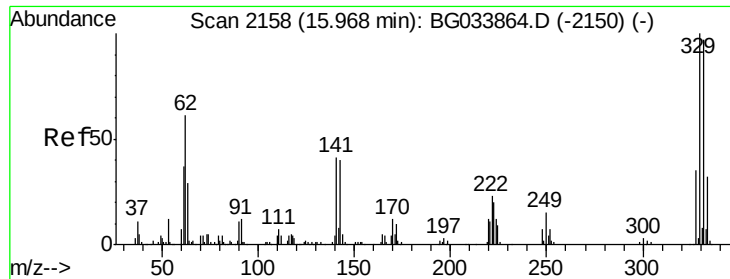
Tot Ion	82	Resp	582528
Ion Ratio	100	Lower	Upper
128	39.8	29.7	44.5
54	55.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG033872.D
 Acq: 19 Apr 2018 17:11

Tgt Ion	164	Resp	184568
Ion Ratio	100	Lower	Upper
162	102.9	78.8	118.2
160	44.1	35.4	53.0

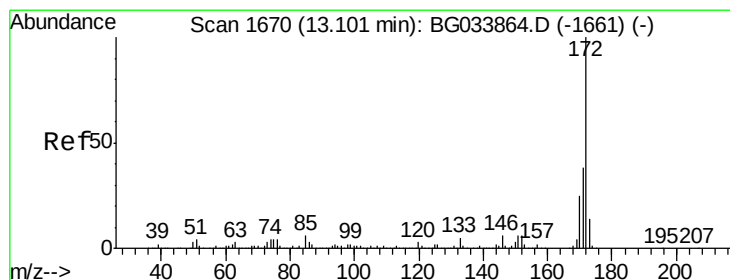
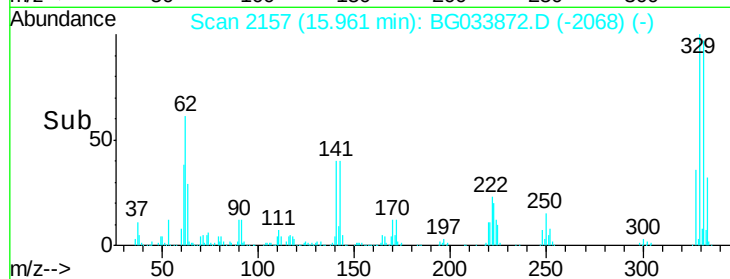
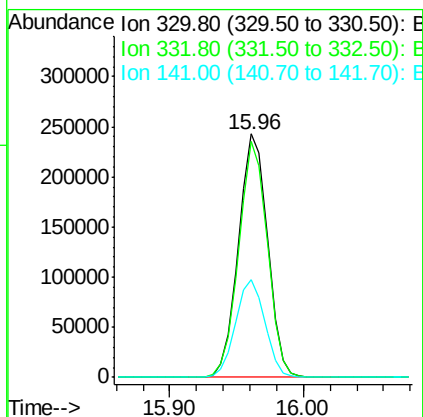
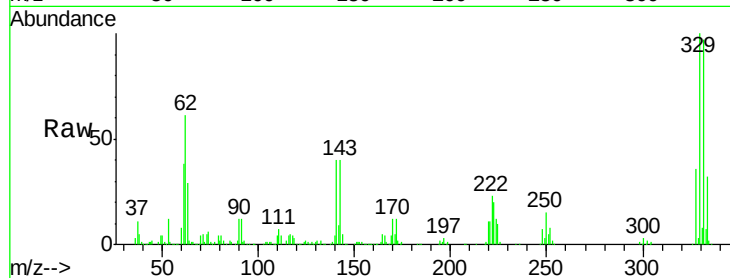




#41
 2,4,6-Tribromophenol
 Concen: 170.121 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG033872.D
 Acq: 19 Apr 2018 17:11

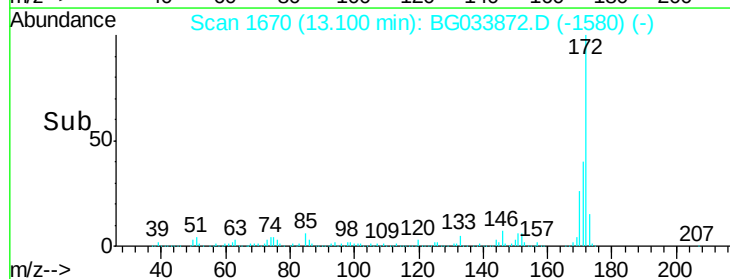
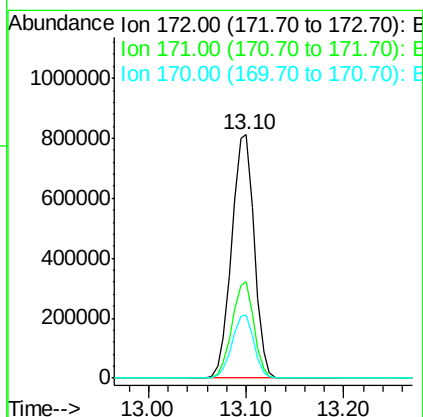
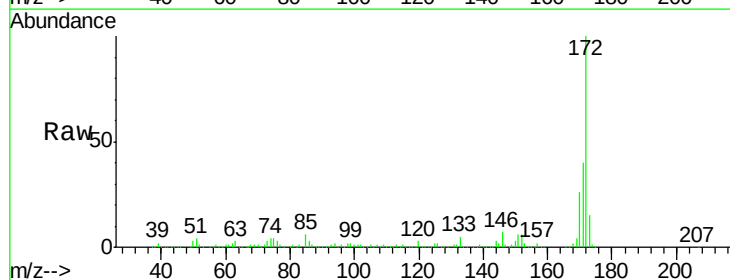
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-041818

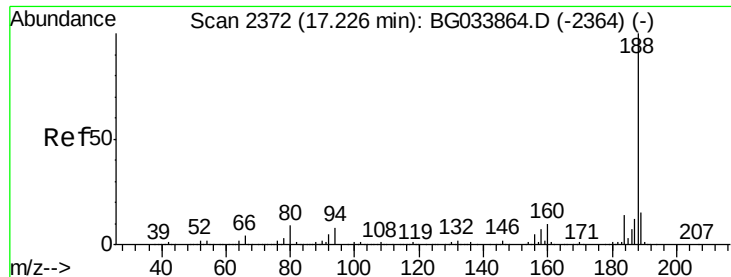
Tot Ion:330 Resp: 366319
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 40.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.966 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG033872.D
 Acq: 19 Apr 2018 17:11

Tgt Ion:172 Resp: 1293662
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.0 45.0
 170 26.2 19.5 29.3

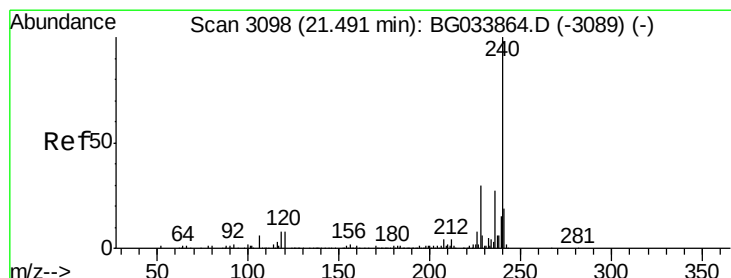
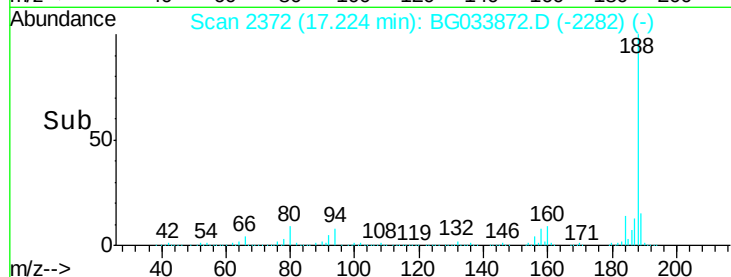
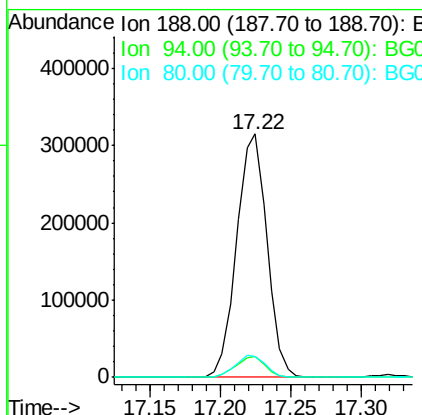
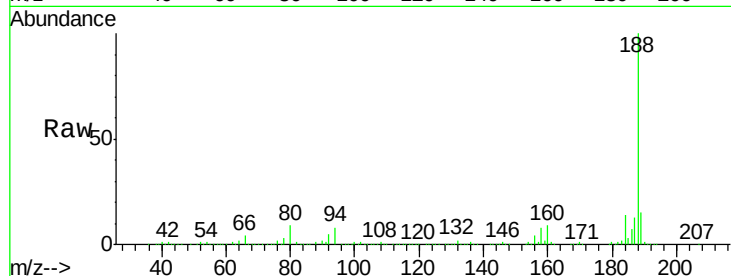




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG033872.D
Acq: 19 Apr 2018 17:11

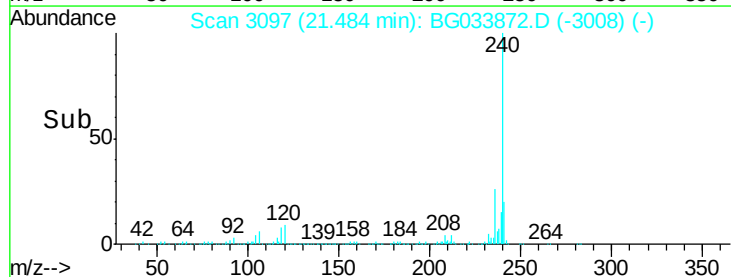
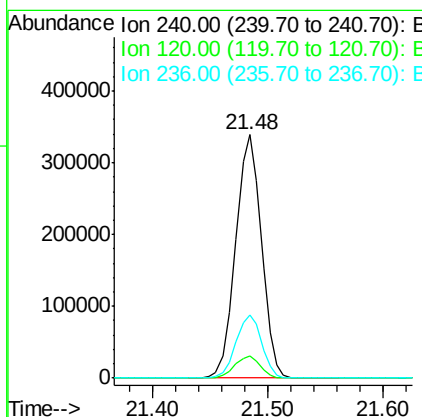
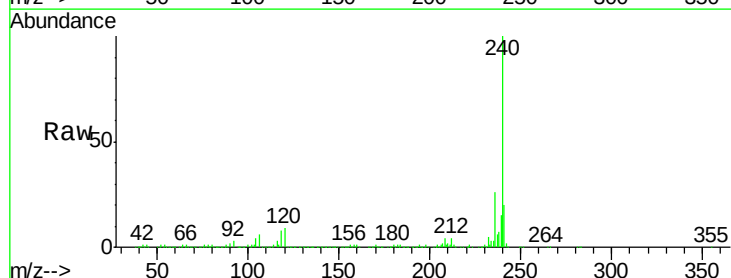
Instrument :
BNA_G
ClientSampleId :
SU-01-041818

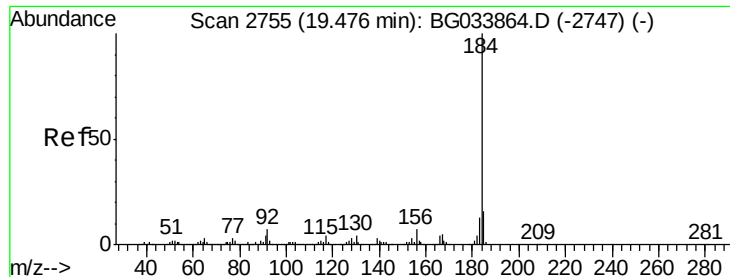
Tot Ion:188 Resp: 472647
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 8.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG033872.D
Acq: 19 Apr 2018 17:11

Tgt Ion:240 Resp: 523186
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 25.9 20.9 31.3





#76

Benzidine

Concen: 30.388 ng

RT: 19.47 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BG033872.D

Acq: 19 Apr 2018 17:11

Instrument :

BNA_G

ClientSampleId :

SU-01-041818

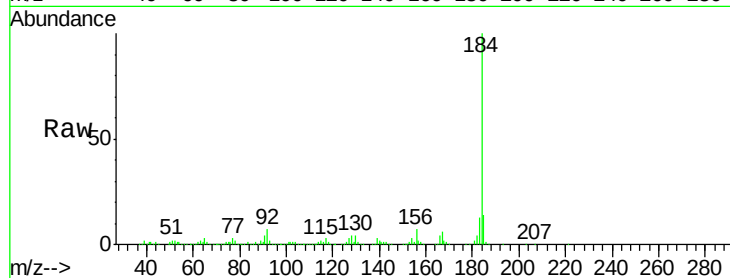
Tot Ion:184 Resp: 429320

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

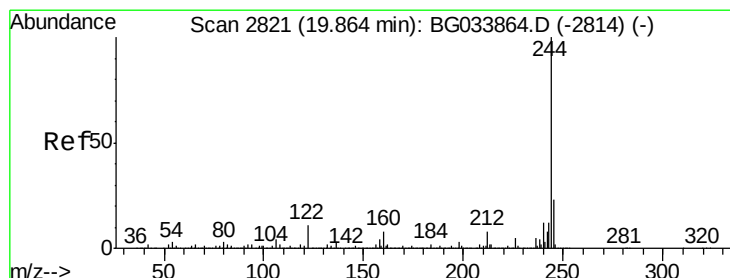
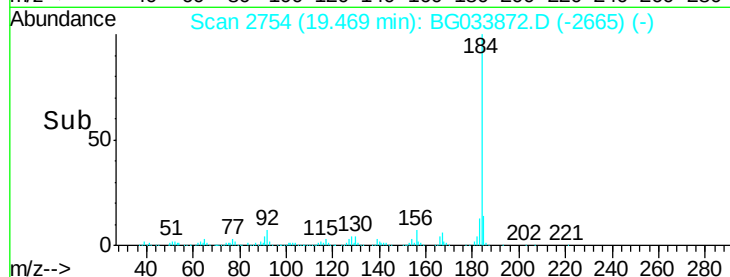
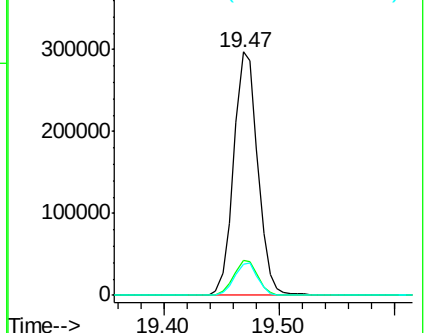
183 13.0 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 92.836 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG033872.D

Acq: 19 Apr 2018 17:11

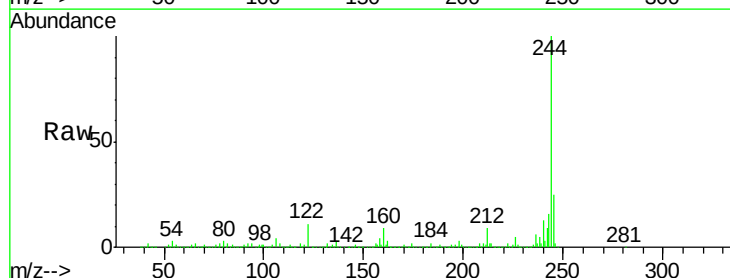
Tgt Ion:244 Resp: 2161931

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

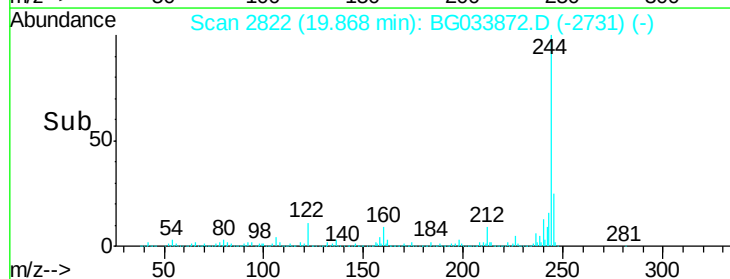
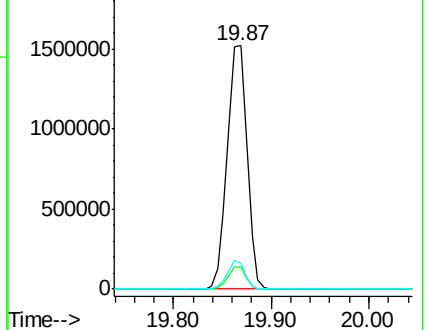
122 10.8 7.0 10.4#

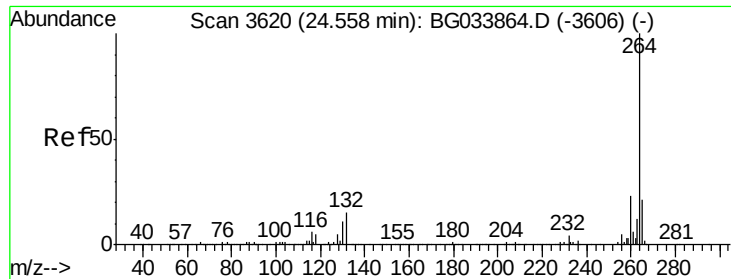


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BG033872.D
Acq: 19 Apr 2018 17:11

Instrument :
BNA_G
ClientSampleId :
SU-01-041818

Tot Ion: 264 Resp: 532707

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.5	17.7	26.5

