

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033134.D
 Acq On : 14 Mar 2018 3:28
 Operator : SJ/JU
 Sample : J1885-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3867

Quant Time: Mar 14 04:32:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

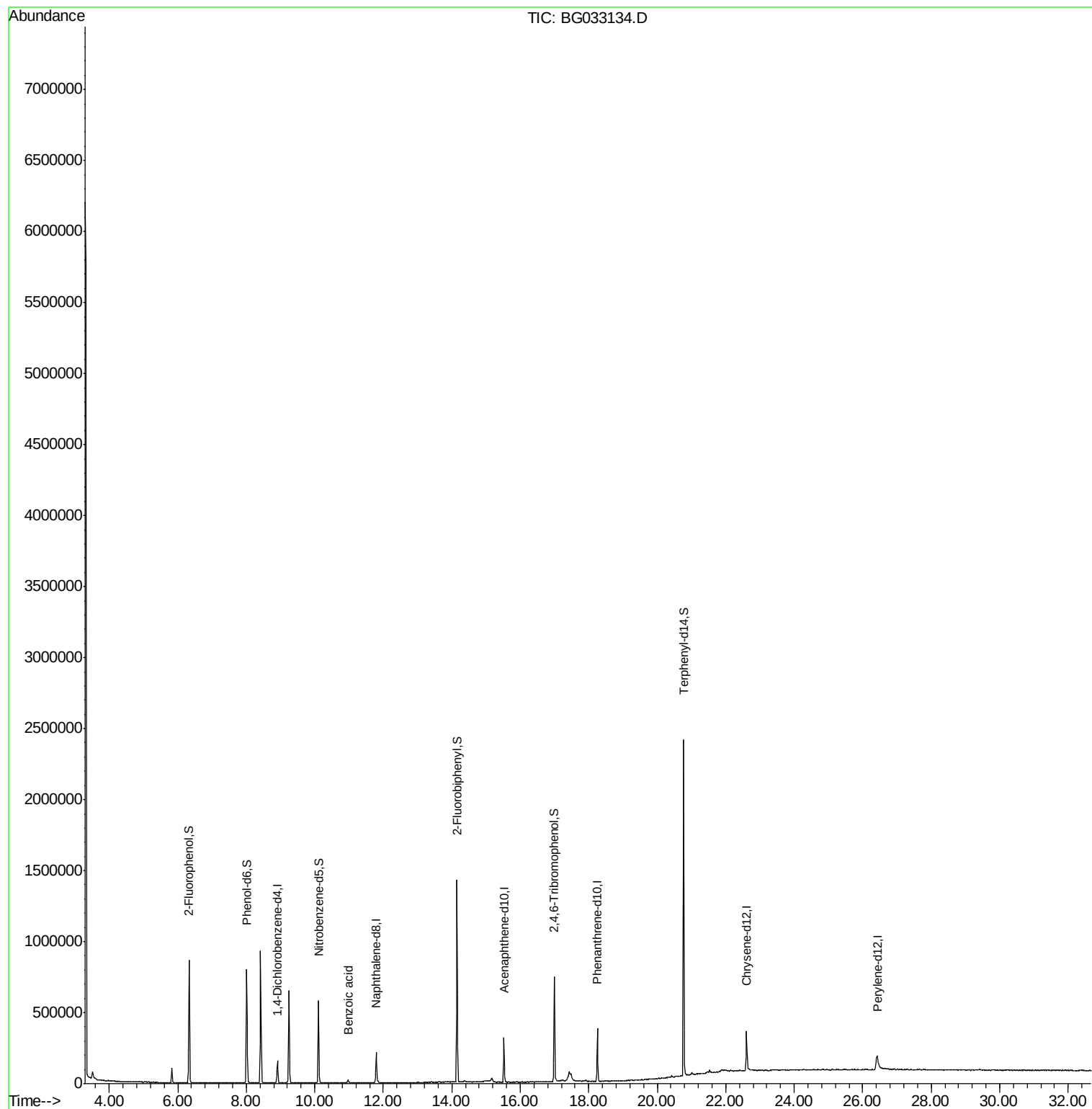
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	44869	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	197251	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	106442	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	228837	20.00	ng	0.00
75) Chrysene-d12	22.61	240	209295	20.00	ng	0.00
86) Perylene-d12	26.42	264	180580	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	392957	140.11	ng	0.00
7) Phenol-d6	8.02	99	476210	121.82	ng	0.01
23) Nitrobenzene-d5	10.11	82	358239	121.25	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	149299	133.40	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	739594	100.21	ng	0.00
78) Terphenyl-d14	20.77	244	1074084	115.30	ng	0.00
Target Compounds						
32) Benzoic acid	10.97	122	9937	11.965	ng	Qvalue # 82

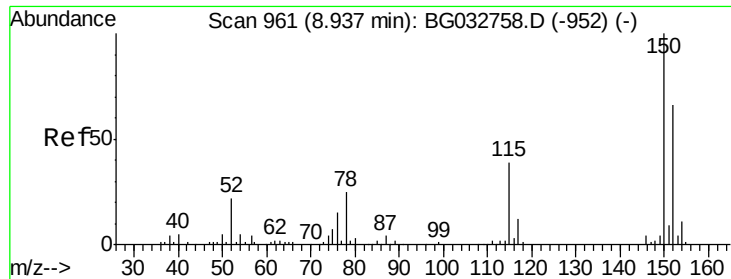
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-3867

Quant Time: Mar 14 04:32:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



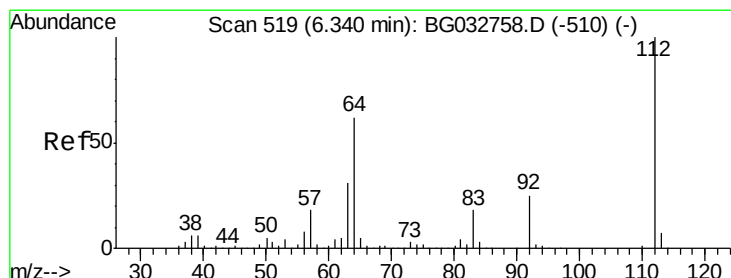
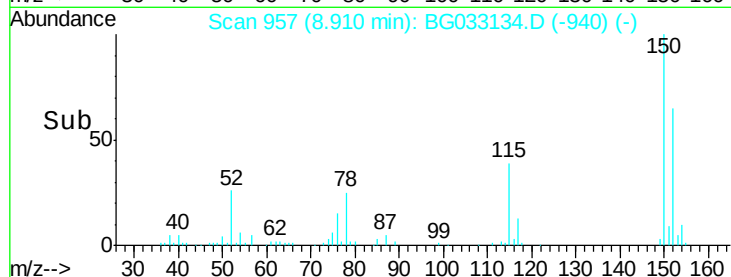
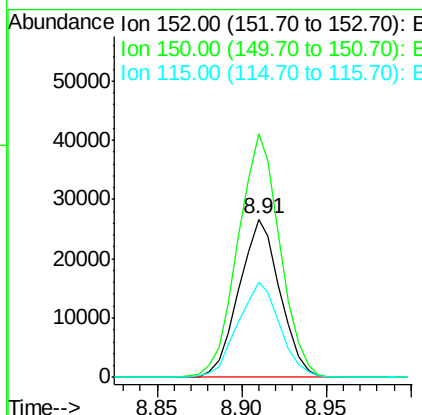
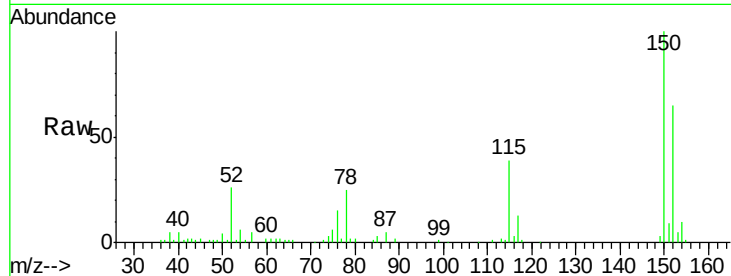


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033134.D
Acq: 14 Mar 2018 3:28

Instrument :
BNA_G
ClientSampled :
RT-3867

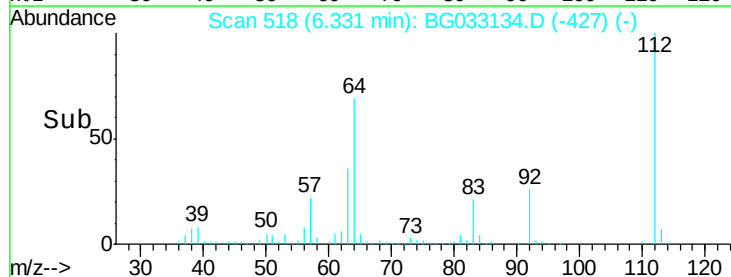
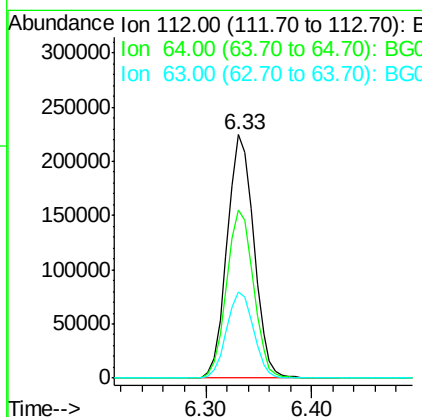
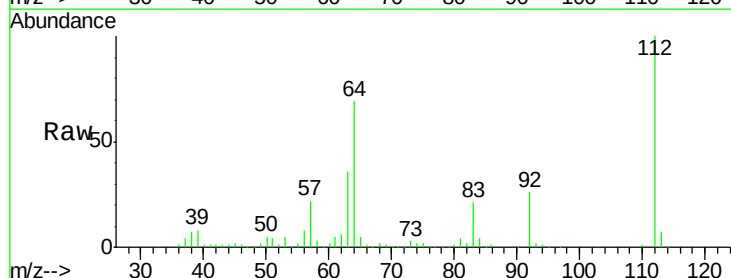
Tot Ion:152 Resp: 44869
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 60.1 53.0 79.4

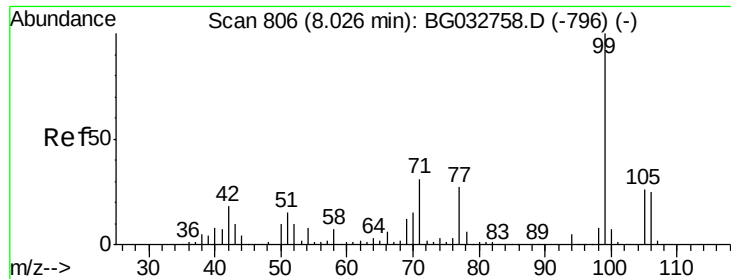


#5

2-Fluorophenol
Concen: 140.113 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033134.D
Acq: 14 Mar 2018 3:28

Tgt Ion:112 Resp: 392957
Ion Ratio Lower Upper
112 100
64 69.0 56.3 84.5
63 35.6 30.1 45.1





#7

Phenol-d6

Concen: 121.818 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033134.D

Acq: 14 Mar 2018 3:28

Instrument :

BNA_G

ClientSampleId :

RT-3867

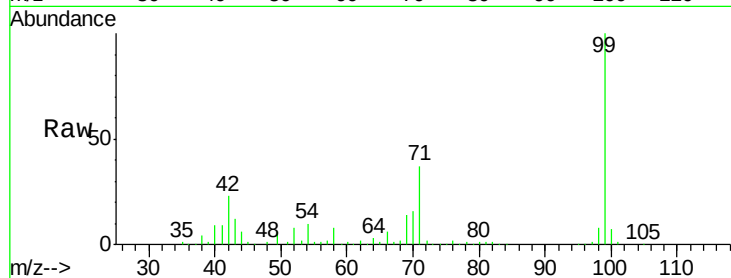
Tot Ion: 99 Resp: 476210

Ion Ratio Lower Upper

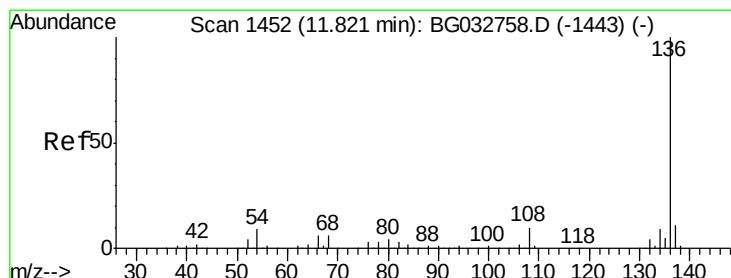
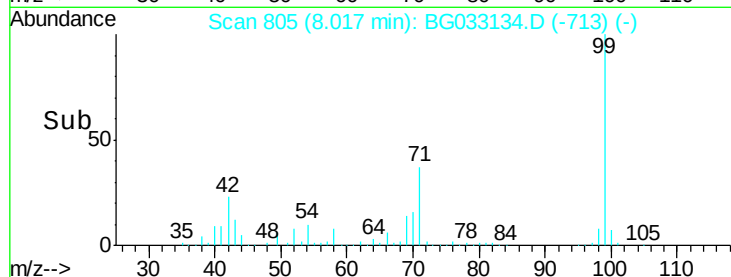
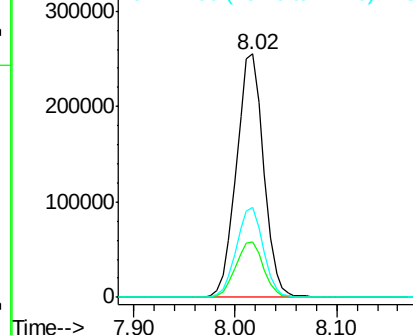
99 100

42 22.7 14.1 21.1#

71 36.8 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: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033134.D

Acq: 14 Mar 2018 3:28

Tgt Ion: 136 Resp: 197251

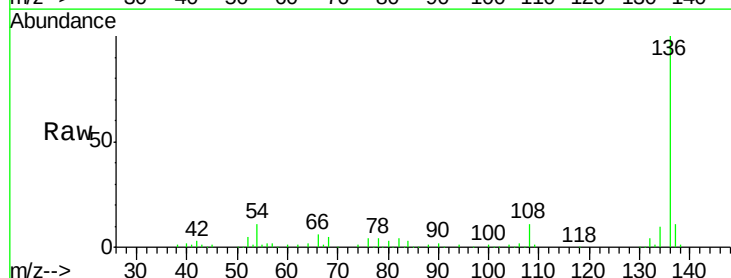
Ion Ratio Lower Upper

136 100

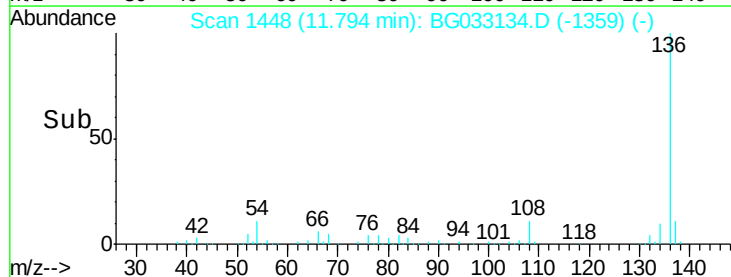
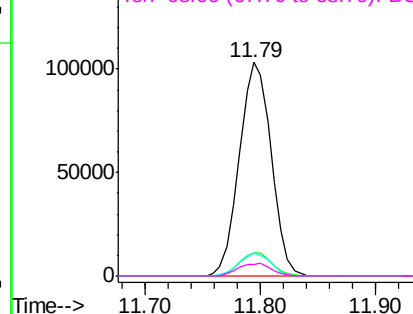
137 11.0 9.2 13.8

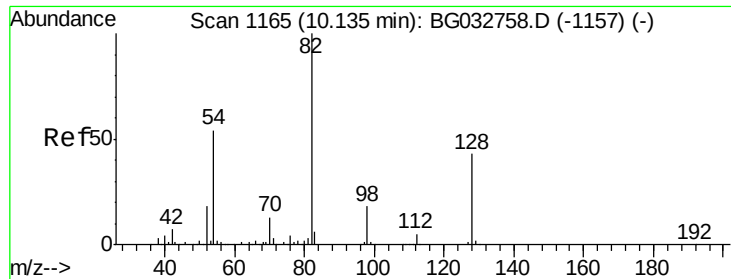
54 10.6 10.3 15.5

68 5.4 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

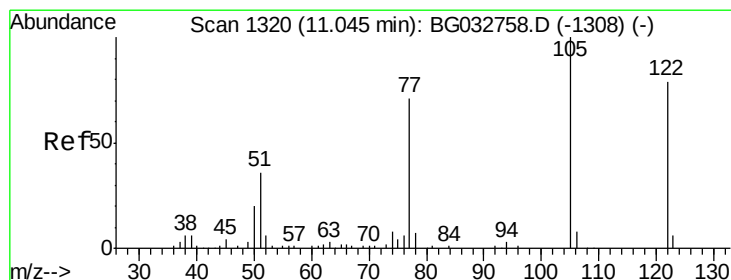
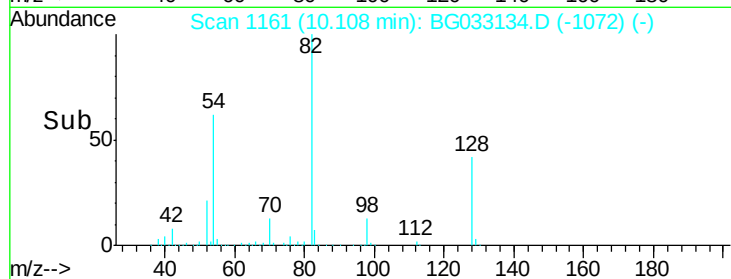
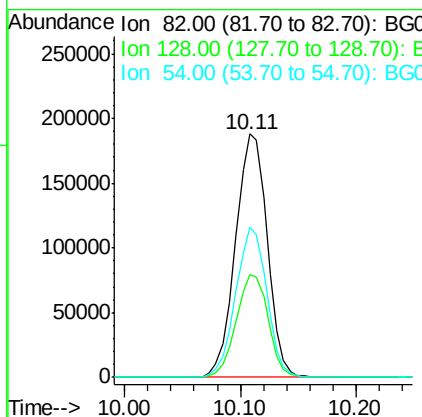
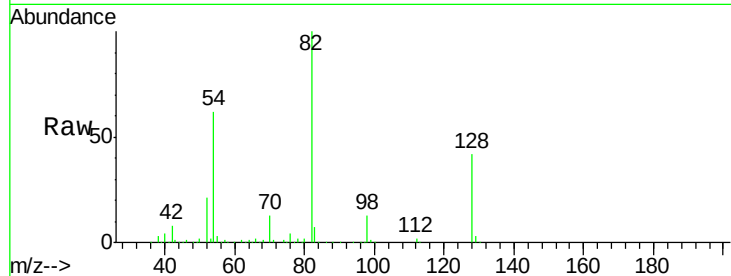




#23
 Nitrobenzene-d5
 Concen: 121.247 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033134.D
 Acq: 14 Mar 2018 3:28

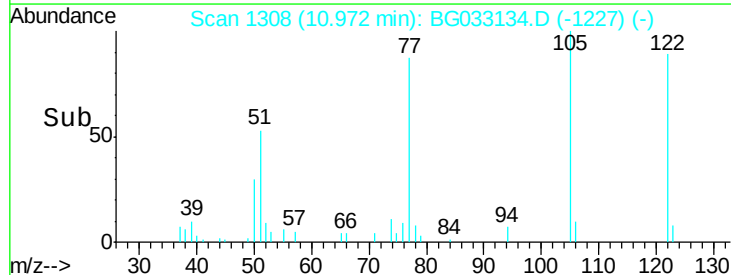
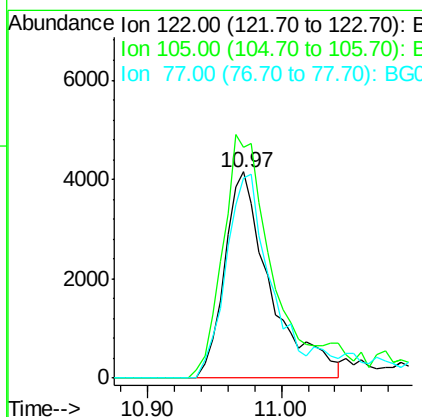
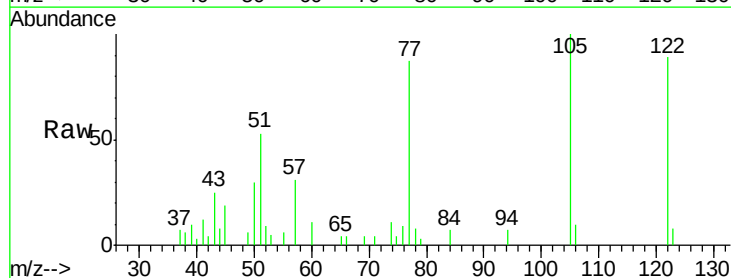
Instrument :
 BNA_G
 ClientSampleId :
 RT-3867

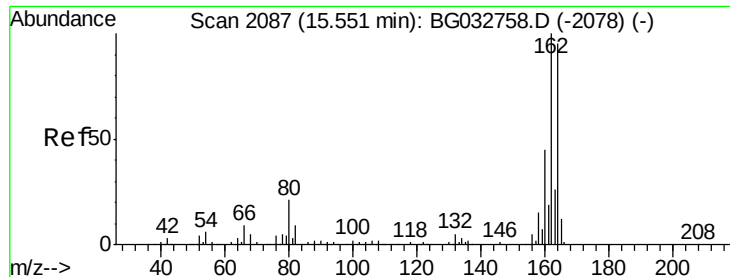
Tot Ion	82	Resp	358239
Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.7	44.5
54	61.7	43.1	64.7



#32
 Benzoic acid
 Concen: 11.965 ng
 RT: 10.97 min Scan# 1308
 Delta R.T. -0.05 min
 Lab File: BG033134.D
 Acq: 14 Mar 2018 3:28

Tgt Ion	122	Resp	9937
Ion	Ratio	Lower	Upper
122	100		
105	112.0	123.5	163.5#
77	97.0	85.7	125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033134.D

Acq: 14 Mar 2018 3:28

Instrument :

BNA_G

ClientSampleId :

RT-3867

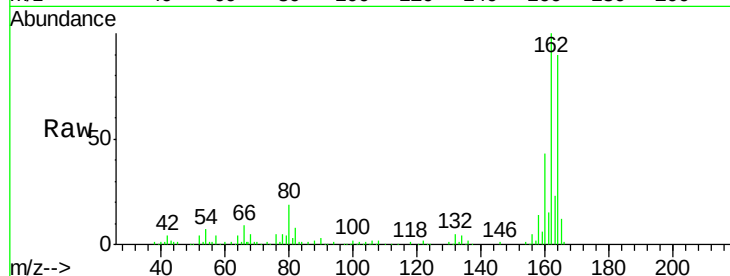
Tot Ion:164 Resp: 106442

Ion Ratio Lower Upper

164 100

162 111.0 78.8 118.2

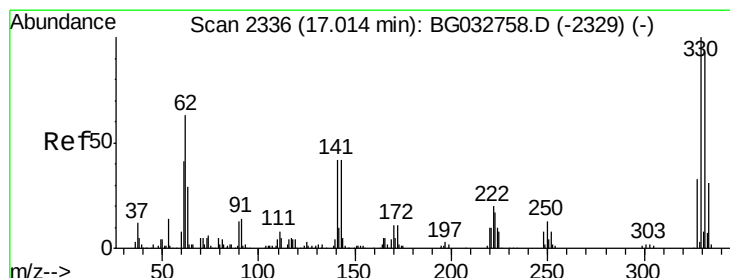
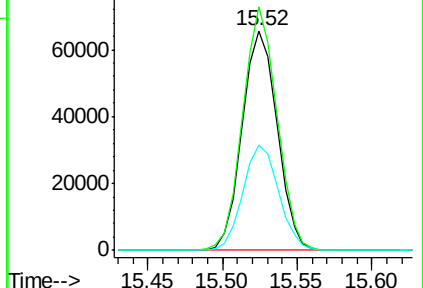
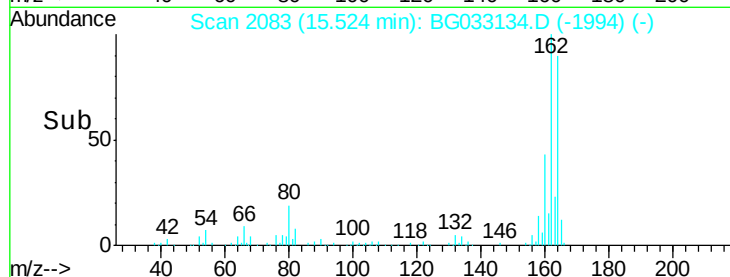
160 47.8 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 133.398 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033134.D

Acq: 14 Mar 2018 3:28

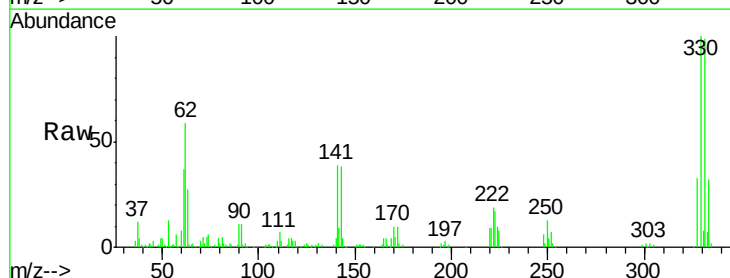
Tgt Ion:330 Resp: 149299

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

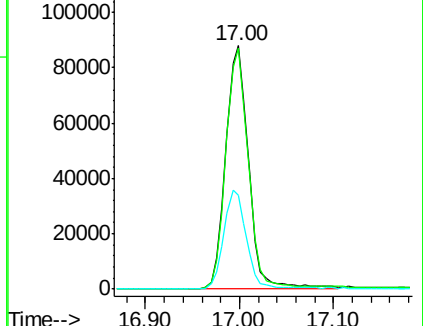
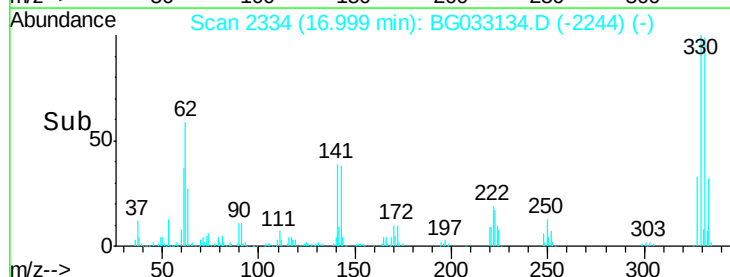
141 39.8 25.2 37.8#

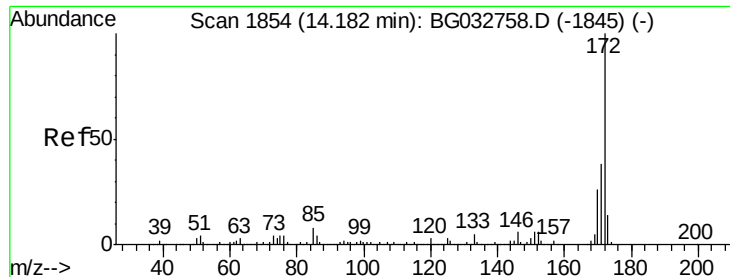


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

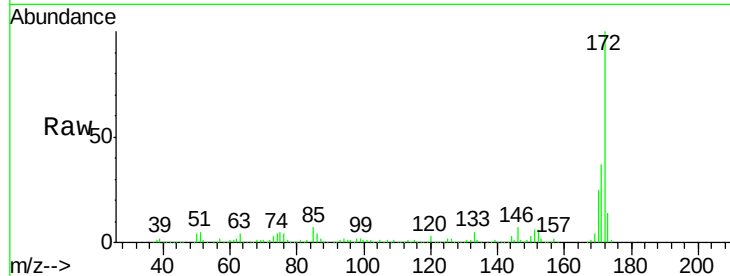




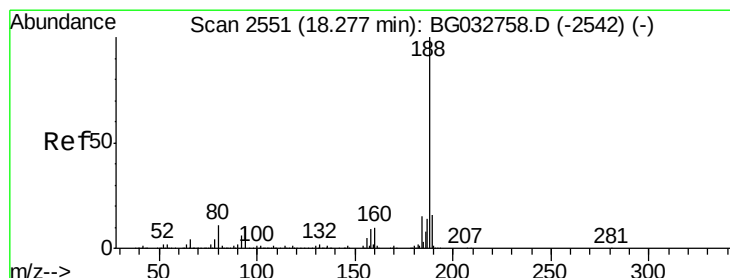
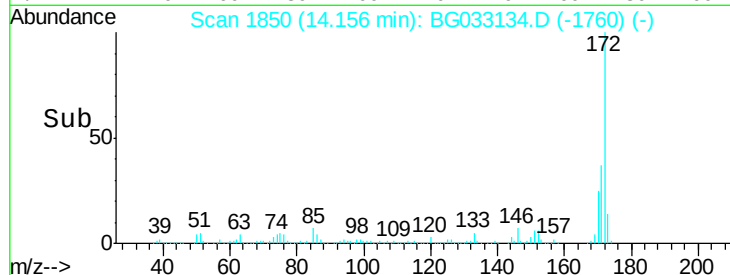
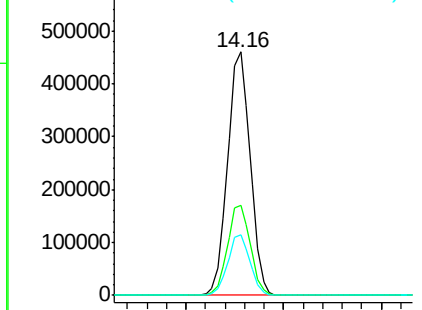
#44
2-Fluorobiphenyl
Concen: 100.212 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033134.D
Acq: 14 Mar 2018 3:28

Instrument :
BNA_G
ClientSampleId :
RT-3867

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.7	19.5	29.3

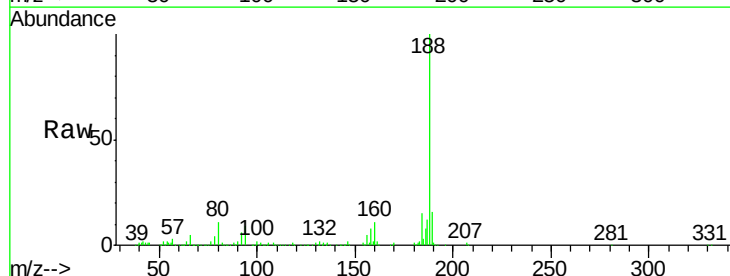


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

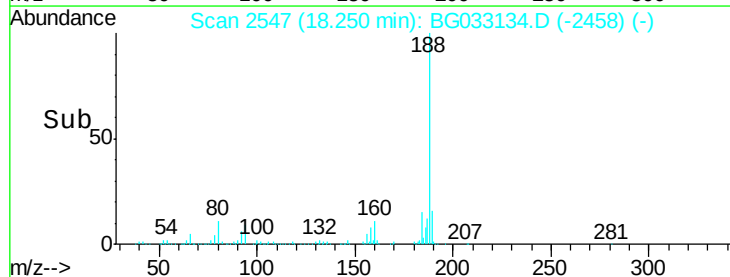
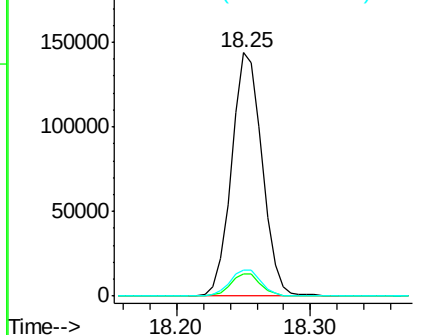


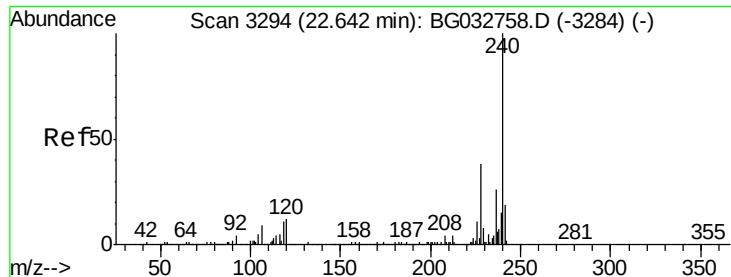
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033134.D
Acq: 14 Mar 2018 3:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.9	10.3
80	10.6	7.7	11.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BG033134.D

Acq: 14 Mar 2018 3:28

Instrument :

BNA_G

ClientSampleId :

RT-3867

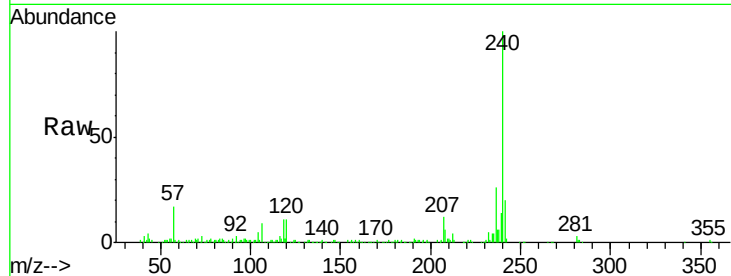
Tot Ion:240 Resp: 209295

Ion Ratio Lower Upper

240 100

120 10.7 6.8 10.2#

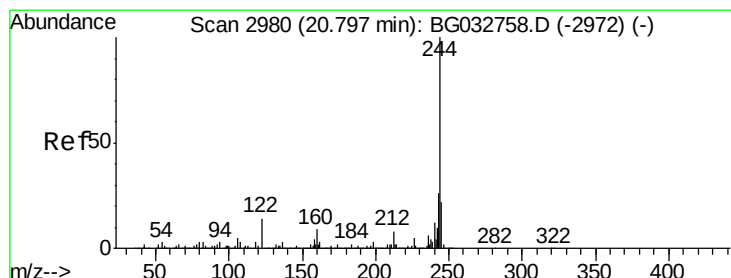
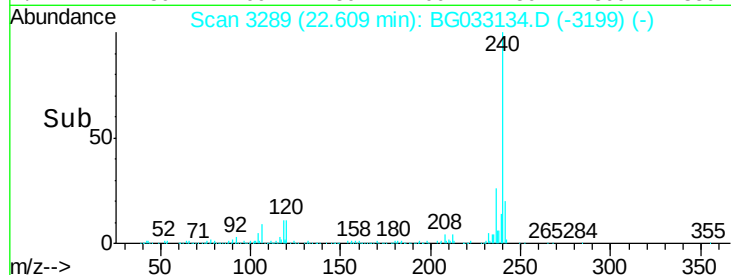
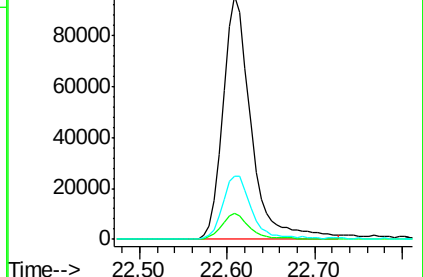
236 26.1 20.9 31.3



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



#78

Terphenyl-d14

Concen: 115.300 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033134.D

Acq: 14 Mar 2018 3:28

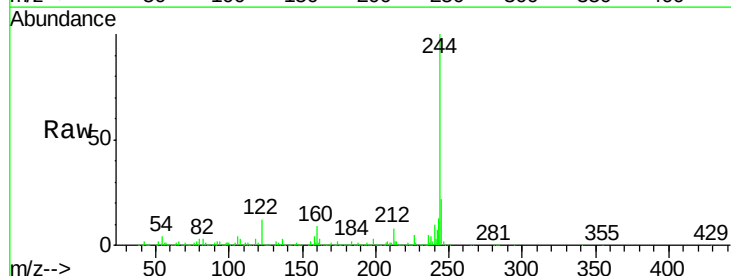
Tgt Ion:244 Resp: 1074084

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

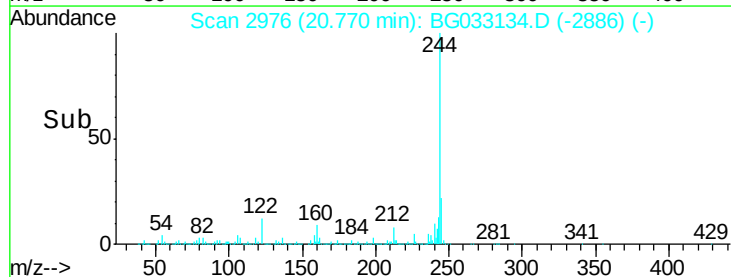
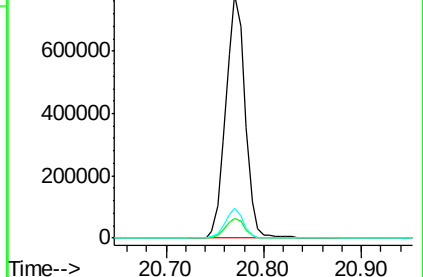
122 12.2 7.0 10.4#

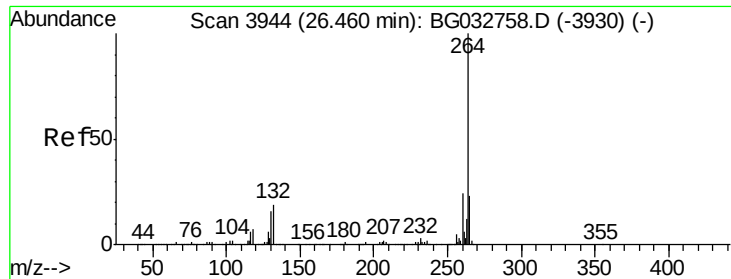


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.42 min Scan# 3938
Delta R.T. 0.01 min
Lab File: BG033134.D
Acq: 14 Mar 2018 3:28

Instrument :
BNA_G
ClientSampleId :
RT-3867

Tot Ion: 264 Resp: 180580
Ion Ratio Lower Upper
264 100
260 21.1 17.4 26.0
265 21.1 17.7 26.5

