

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034979.D
 Acq On : 8 Jun 2018 9:05
 Operator : SJ/JU
 Sample : J3344-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HS-YARD-2

Quant Time: Jun 08 12:32:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

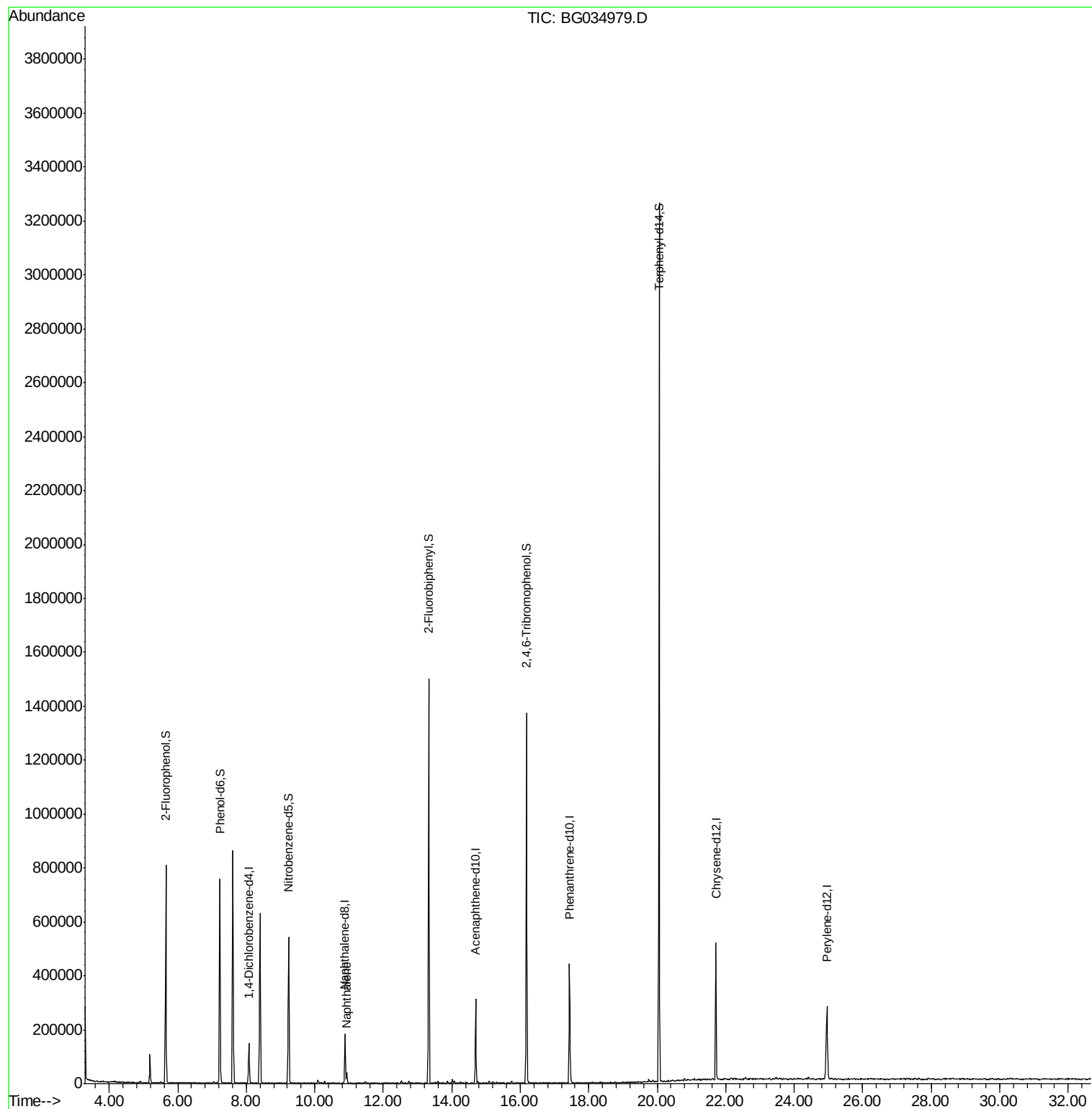
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39682	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	145137	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	104698	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	278526	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	311464	20.00	ng	-0.02
86) Perylene-d12	24.95	264	300002	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	329415	140.09	ng	0.00
7) Phenol-d6	7.23	99	437950	126.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	352643	115.50	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	233406	174.15	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	781557	97.04	ng	-0.01
78) Terphenyl-d14	20.05	244	1517408	102.05	ng	-0.01
Target Compounds						
31) Naphthalene	10.93	128	30256	4.013	ng	Qvalue 97

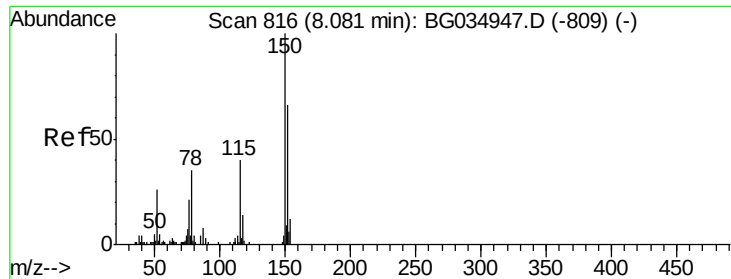
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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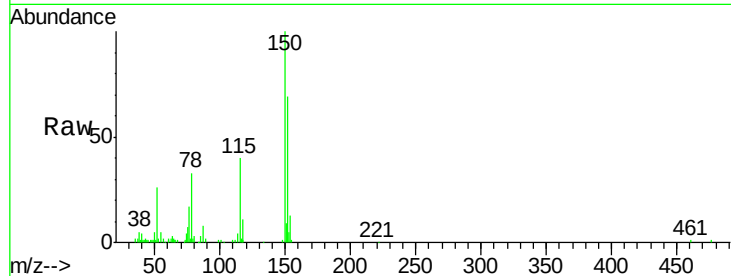


#1

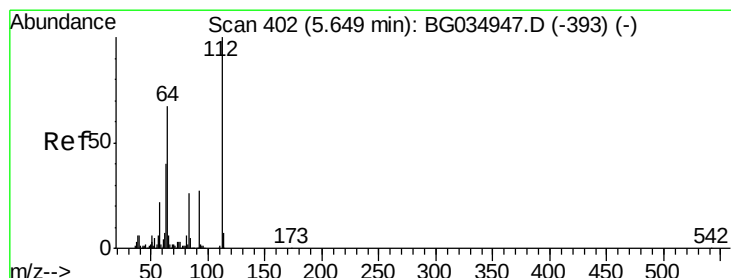
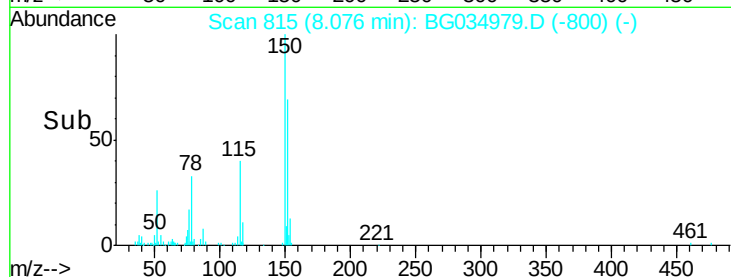
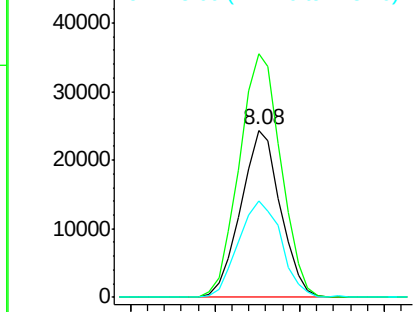
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034979.D
Acq: 8 Jun 2018 9:05

Instrument :
BNA_G
ClientSampleId :
HS-YARD-2

Tot Ion:152 Resp: 39682
Ion Ratio Lower Upper
152 100
150 145.9 126.6 189.8
115 58.0 53.0 79.4



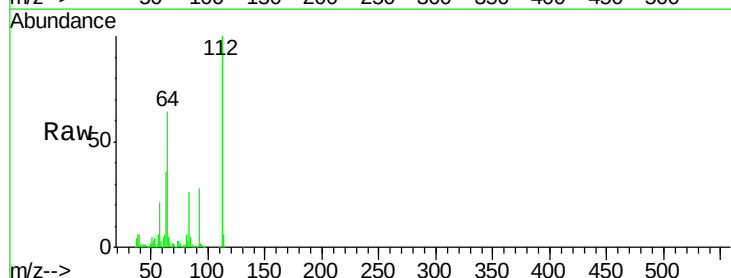
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



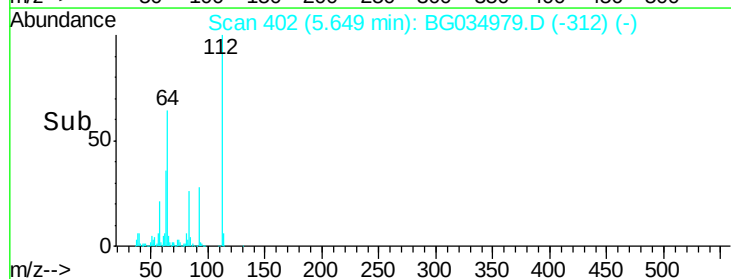
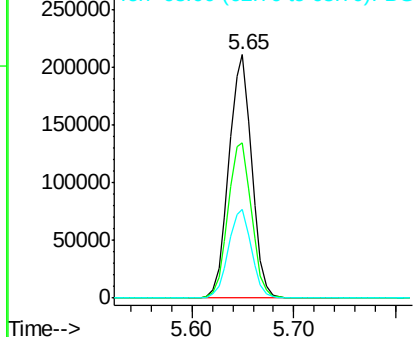
#5

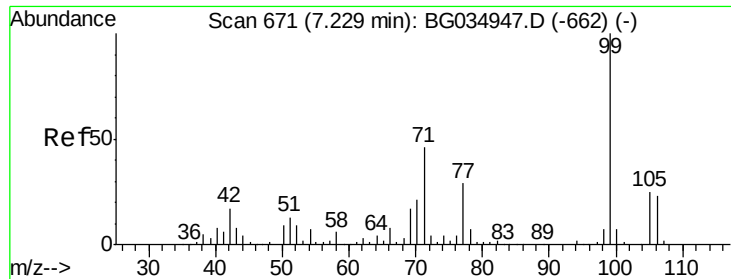
2-Fluorophenol
Concen: 140.095 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034979.D
Acq: 8 Jun 2018 9:05

Tgt Ion:112 Resp: 329415
Ion Ratio Lower Upper
112 100
64 63.8 56.3 84.5
63 36.2 30.1 45.1



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: 126.193 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034979.D

Acq: 8 Jun 2018 9:05

Instrument :

BNA_G

ClientSampleId :

HS-YARD-2

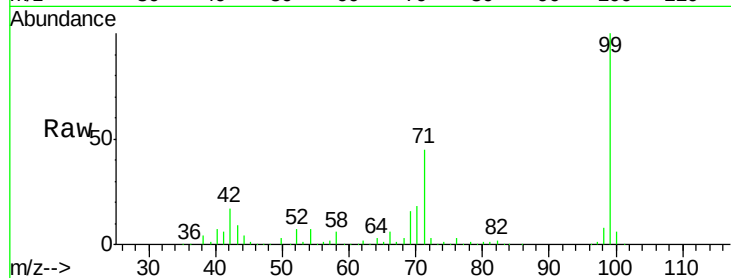
Tot Ion: 99 Resp: 437950

Ion Ratio Lower Upper

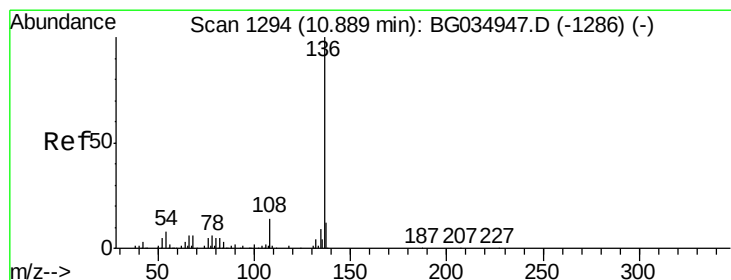
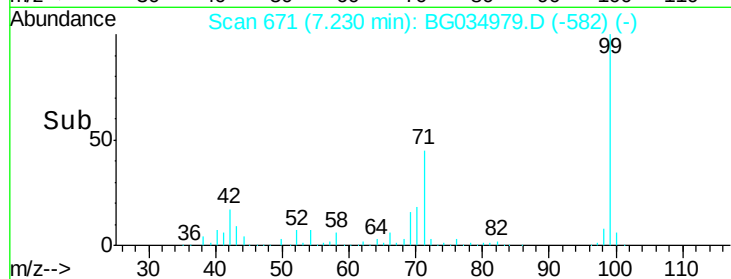
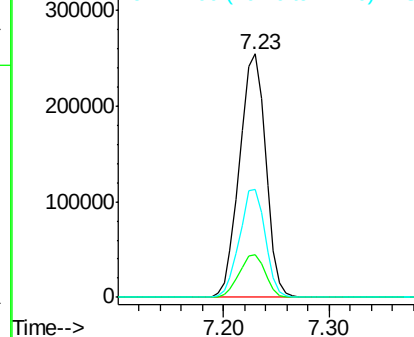
99 100

42 17.3 14.1 21.1

71 44.5 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034979.D

Acq: 8 Jun 2018 9:05

Tgt Ion: 136 Resp: 145137

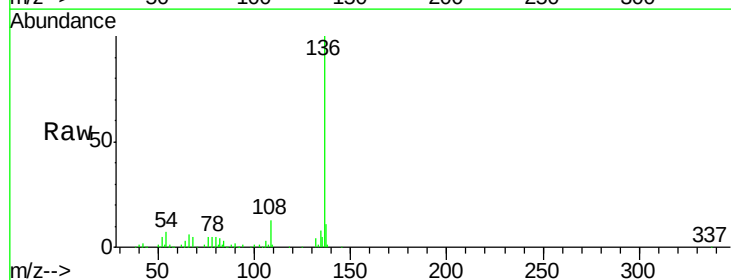
Ion Ratio Lower Upper

136 100

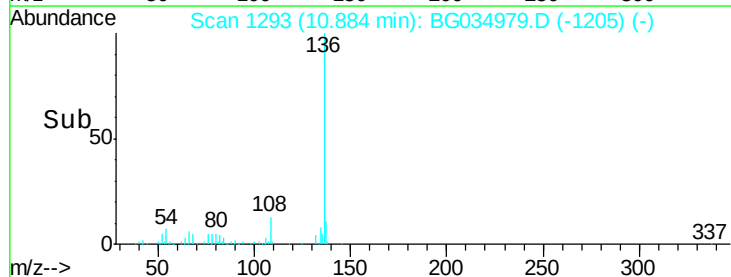
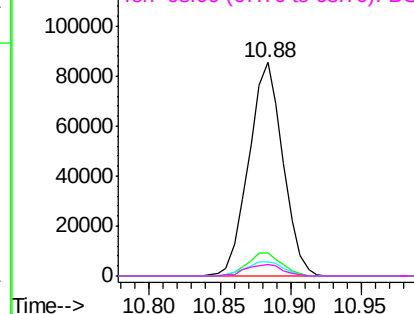
137 10.9 9.2 13.8

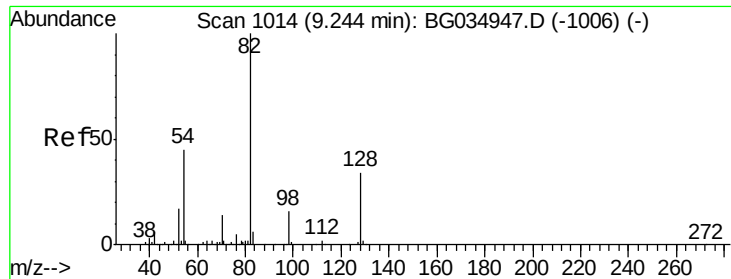
54 6.6 10.3 15.5#

68 5.3 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

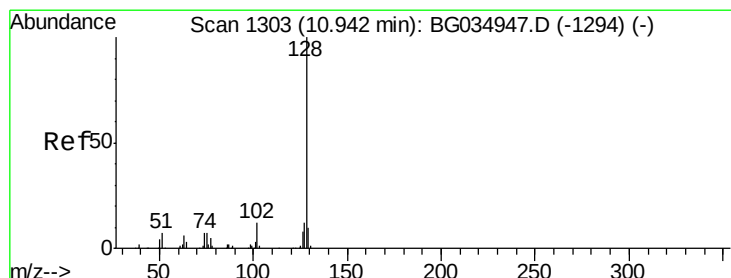
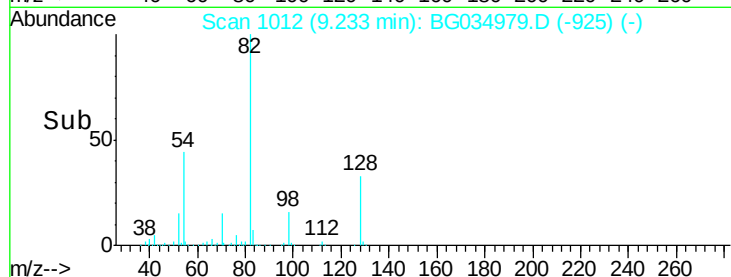
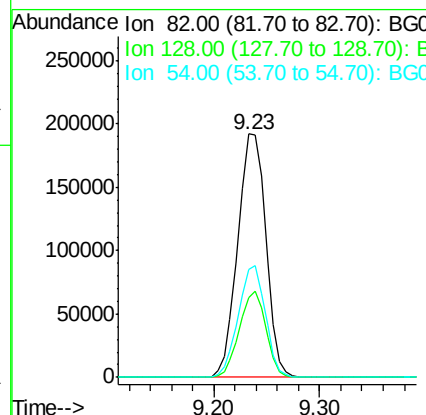
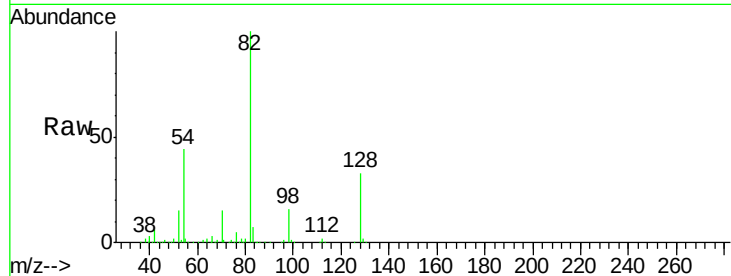




#23
 Nitrobenzene-d5
 Concen: 115.495 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BG034979.D
 Acq: 8 Jun 2018 9:05

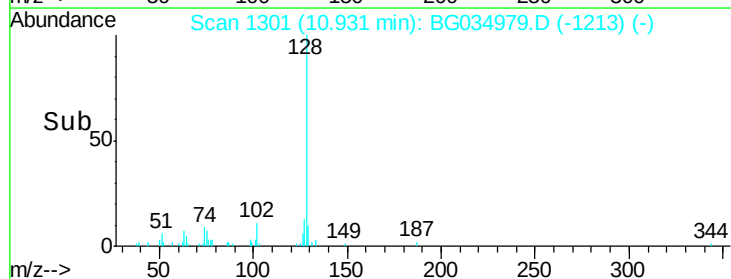
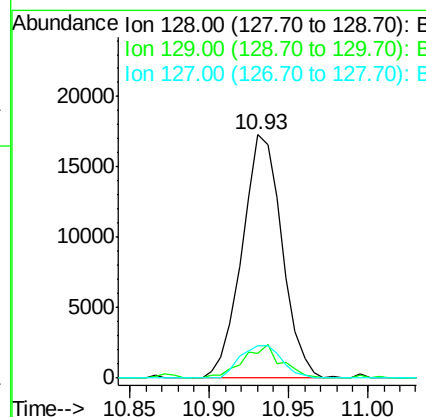
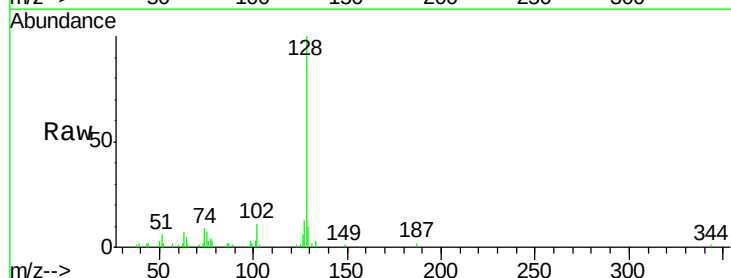
Instrument :
 BNA_G
 ClientSampleId :
 HS-YARD-2

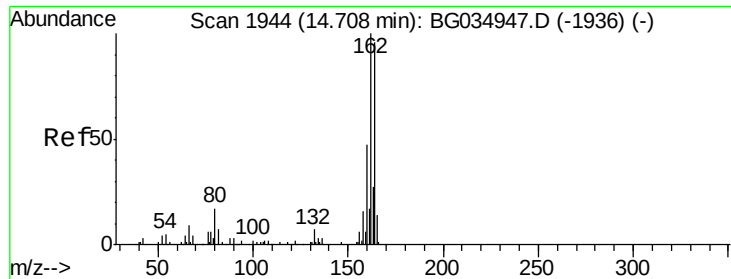
Tot Ion	82	Resp	352643
Ion Ratio	Lower	Upper	
82	100		
128	33.0	29.7	44.5
54	44.2	43.1	64.7



#31
 Naphthalene
 Concen: 4.013 ng
 RT: 10.93 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG034979.D
 Acq: 8 Jun 2018 9:05

Tgt Ion	128	Resp	30256
Ion Ratio	Lower	Upper	
128	100		
129	9.9	8.6	12.8
127	13.3	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034979.D

Acq: 8 Jun 2018 9:05

Instrument :

BNA_G

ClientSampleId :

HS-YARD-2

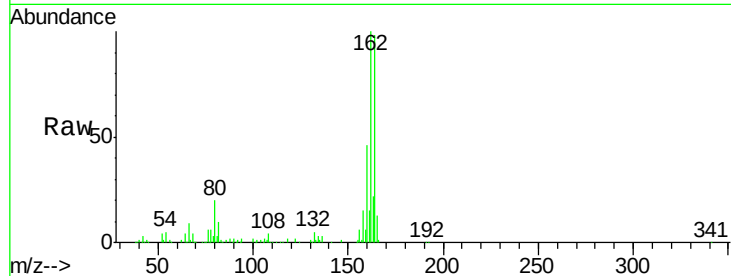
Tot Ion:164 Resp: 104698

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

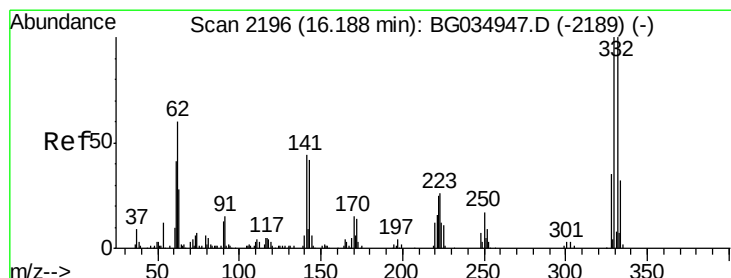
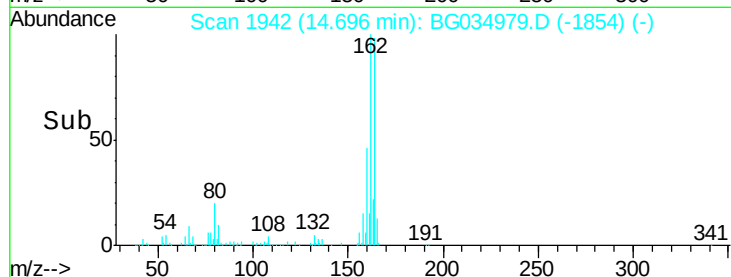
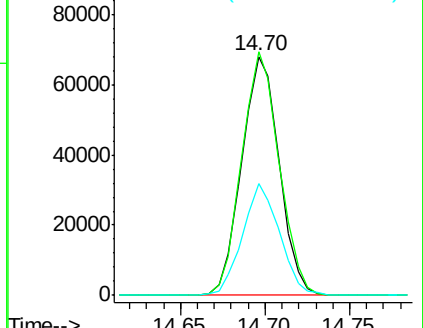
160 46.7 35.4 53.0



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: 174.149 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034979.D

Acq: 8 Jun 2018 9:05

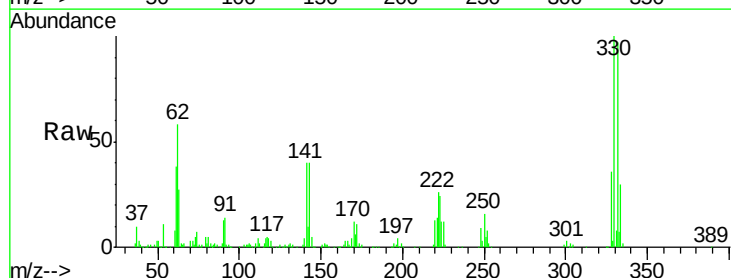
Tgt Ion:330 Resp: 233406

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

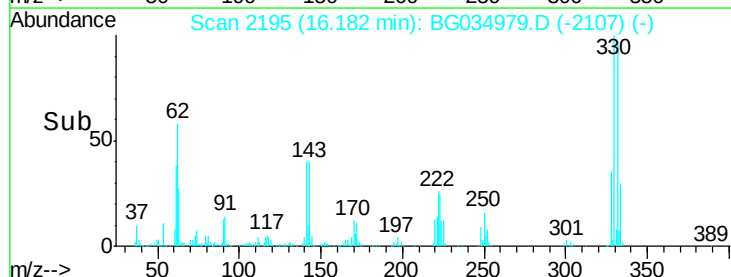
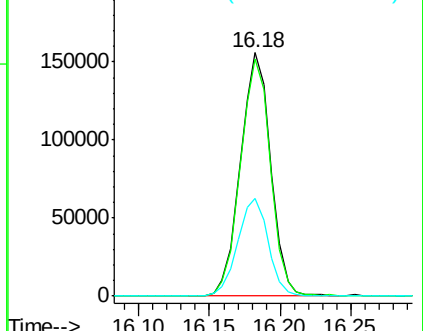
141 40.5 25.2 37.8#

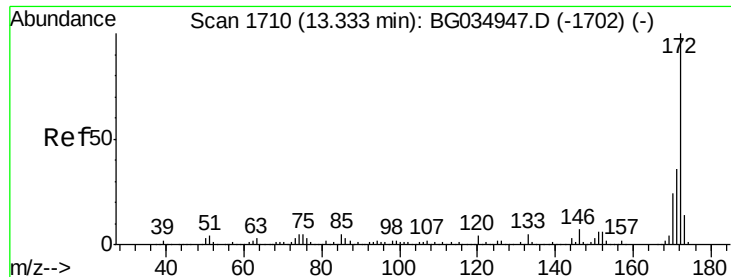


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

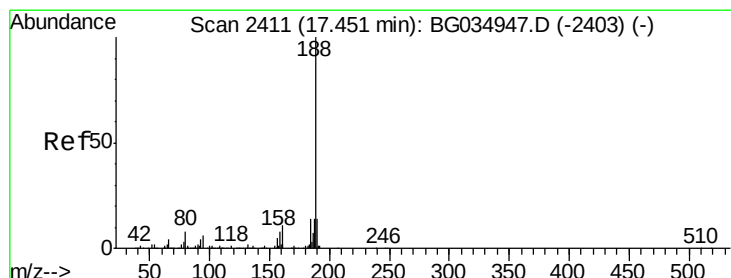
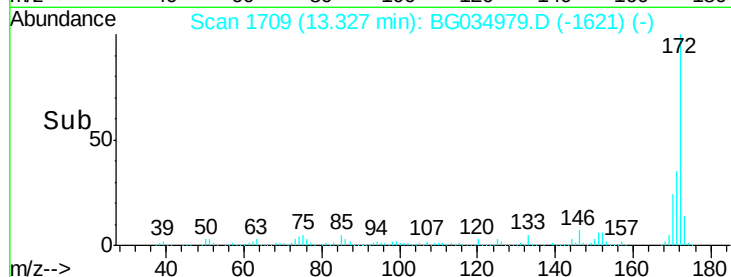
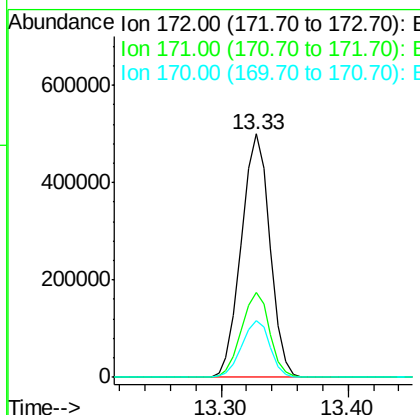
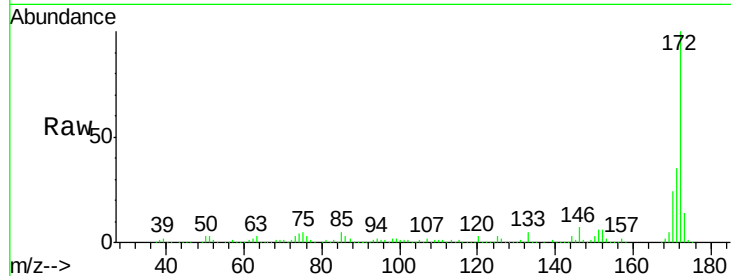




#44
 2-Fluorobiphenyl
 Concen: 97.043 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034979.D
 Acq: 8 Jun 2018 9:05

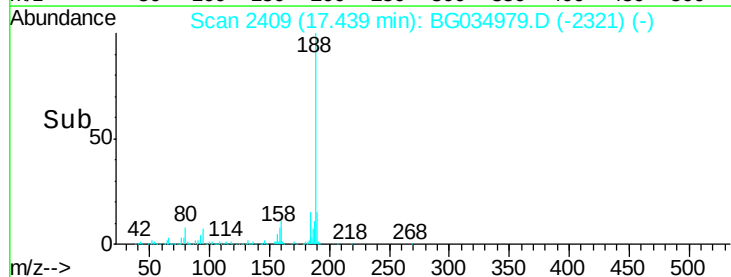
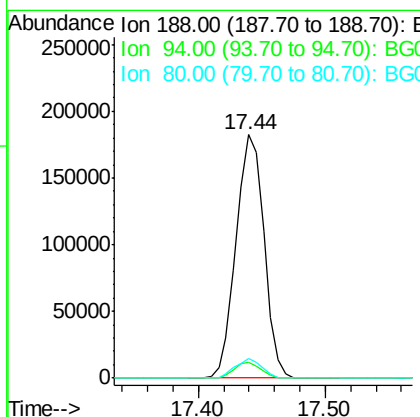
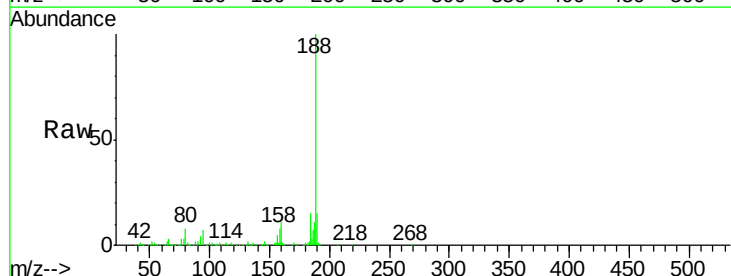
Instrument :
 BNA_G
 ClientSampleId :
 HS-YARD-2

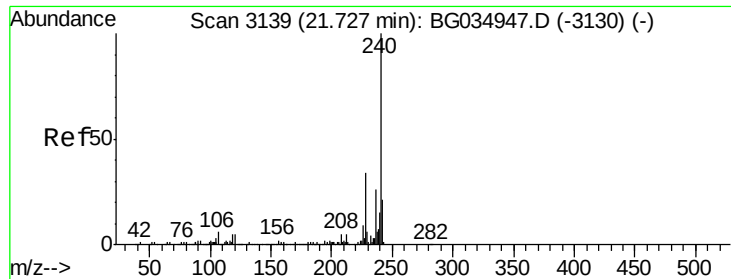
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	23.5	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG034979.D
 Acq: 8 Jun 2018 9:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.1	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG034979.D

Acq: 8 Jun 2018 9:05

Instrument :

BNA_G

ClientSampleId :

HS-YARD-2

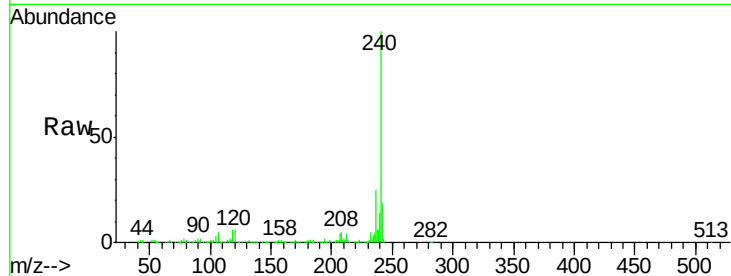
Tot Ion:240 Resp: 311464

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

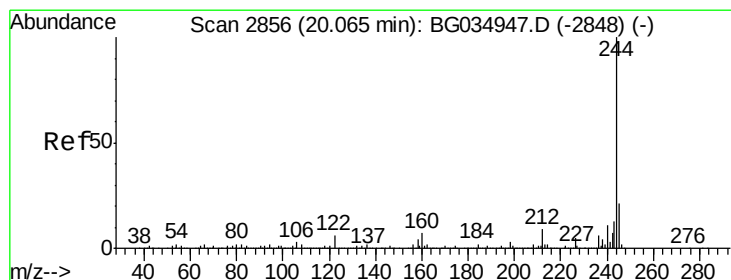
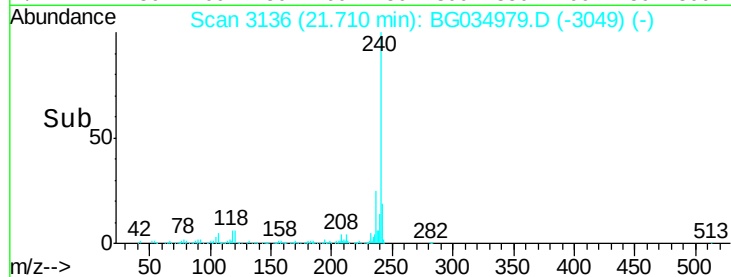
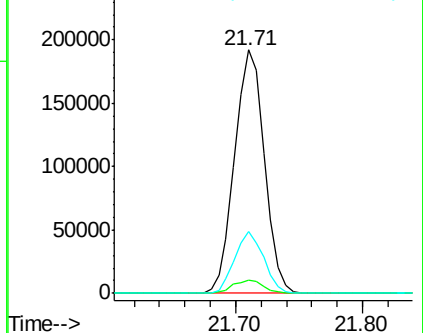
236 25.1 20.9 31.3



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: 102.050 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034979.D

Acq: 8 Jun 2018 9:05

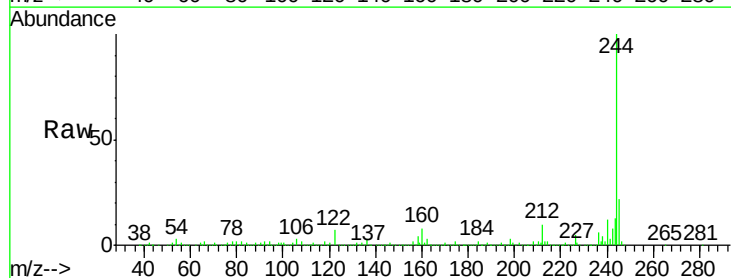
Tgt Ion:244 Resp: 1517408

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

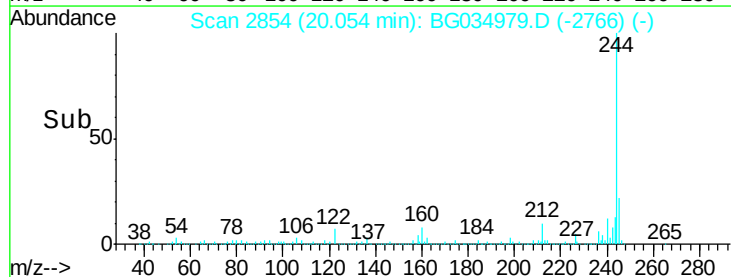
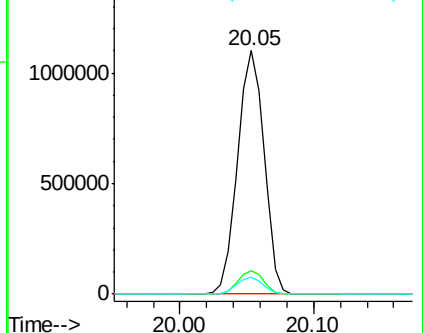
122 7.1 7.0 10.4

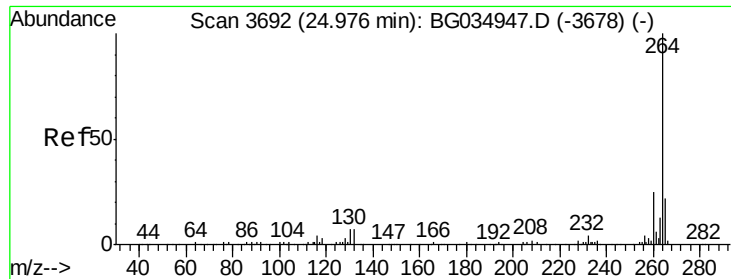


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

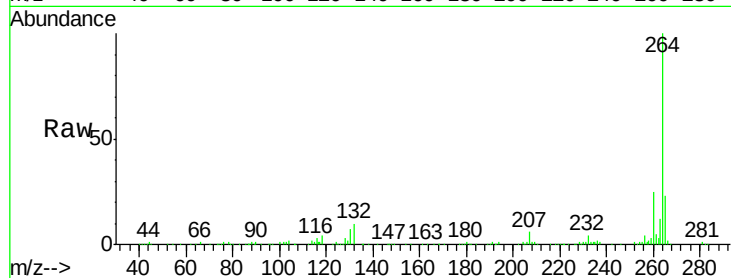




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.95 min Scan# 3688
Delta R.T. -0.03 min
Lab File: BG034979.D
Acq: 8 Jun 2018 9:05

Instrument :
BNA_G
ClientSampleId :
HS-YARD-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.5	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

