

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032527.D
 Acq On : 3 Feb 2018 1:18
 Operator : SJ/JU
 Sample : J1429-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 03 02:09:34 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

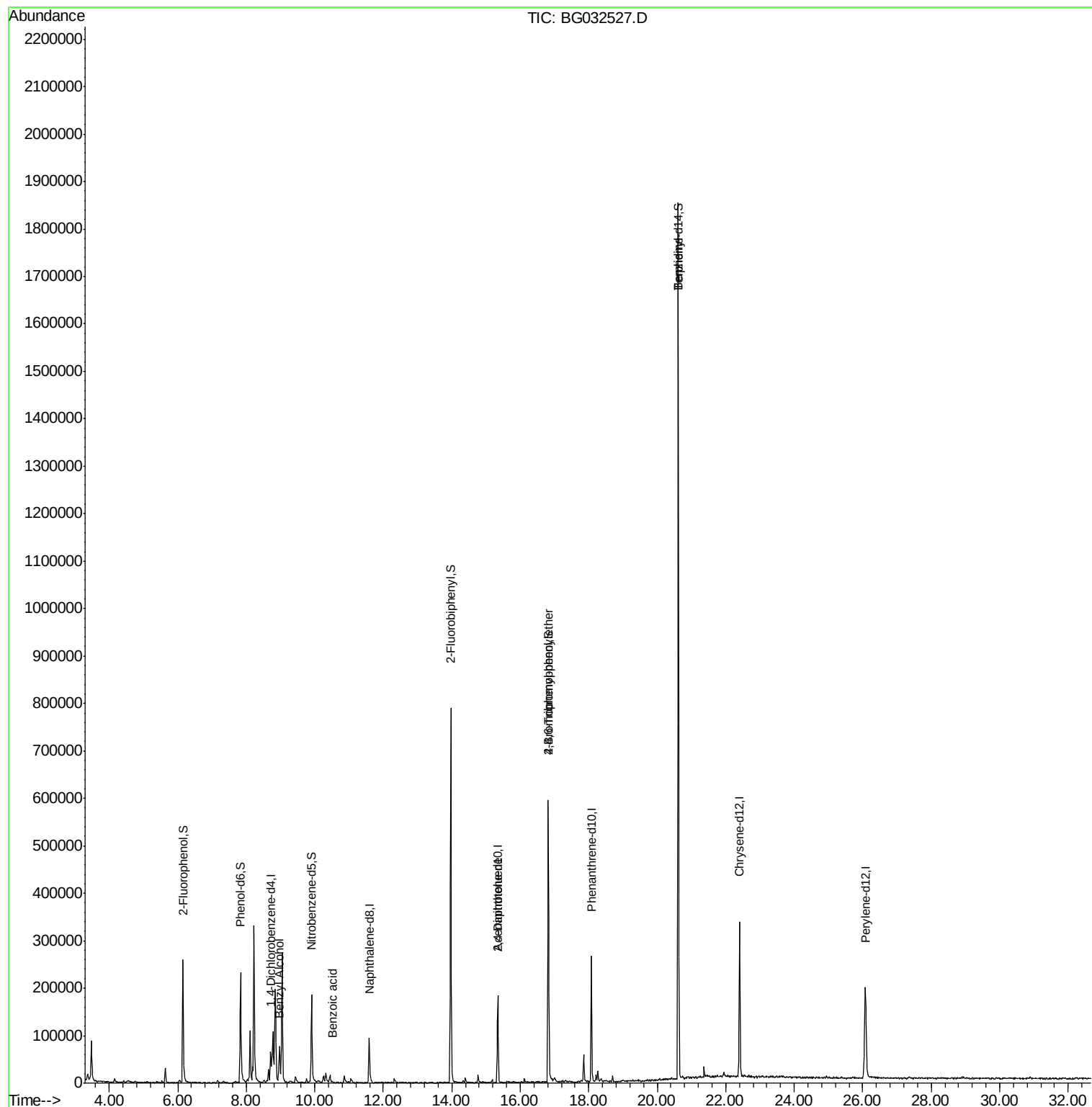
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24098	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	101120	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	75030	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	193718	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	264391	20.00	ng	-0.01
86) Perylene-d12	26.07	264	283951	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	141023	117.54	ng	0.00
7) Phenol-d6	7.83	99	160557	100.29	ng	0.00
23) Nitrobenzene-d5	9.91	82	127791	78.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	151677	106.20	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	477495	75.64	ng	-0.02
78) Terphenyl-d14	20.61	244	971294	78.69	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.95	79	11788	8.934	ng	93
32) Benzoic acid	10.53	122	72	7.344	ng	# 1
56) 2,4-Dinitrotoluene	15.34	165	9659	4.672	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	12565	4.378	ng	# 1
76) Benzidine	20.61	184	14231	2.741	ng	# 78

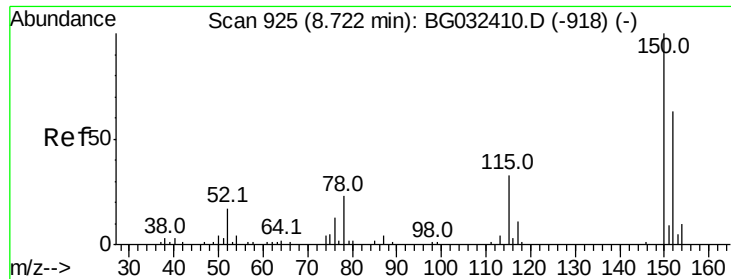
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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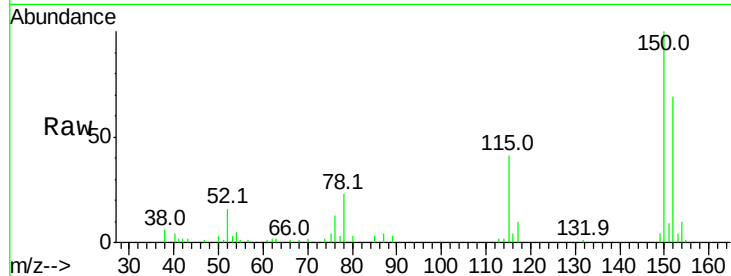


#1

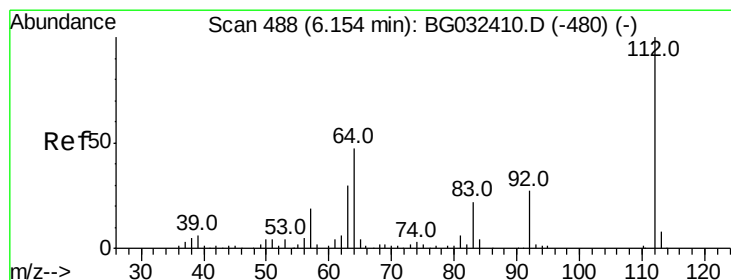
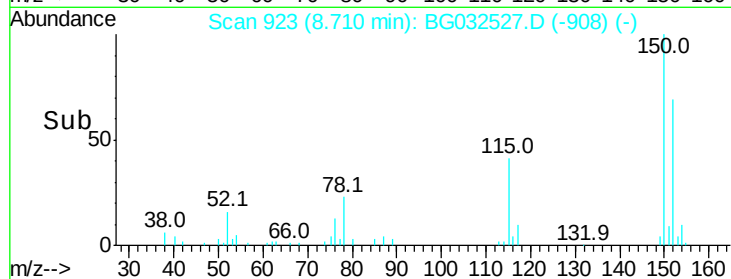
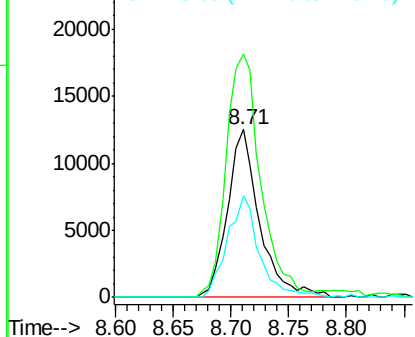
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032527.D
Acq: 3 Feb 2018 1:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24098
Ion Ratio Lower Upper
152 100
150 145.2 126.6 189.8
115 60.2 53.0 79.4



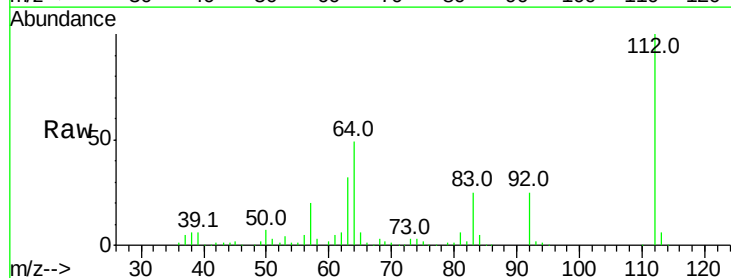
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



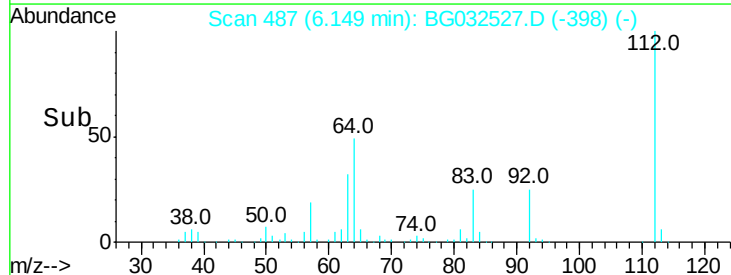
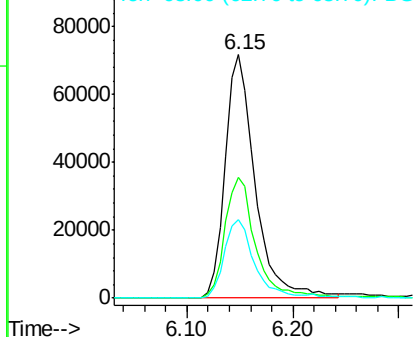
#5

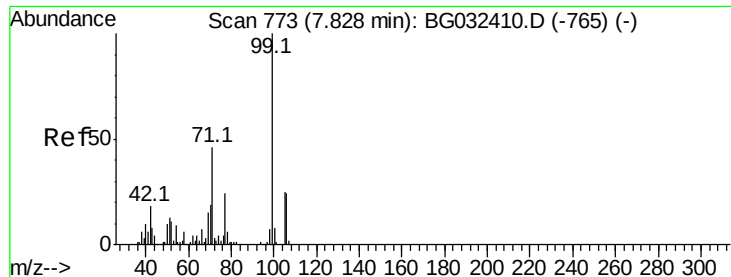
2-Fluorophenol
Concen: 117.542 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032527.D
Acq: 3 Feb 2018 1:18

Tgt Ion:112 Resp: 141023
Ion Ratio Lower Upper
112 100
64 49.3 56.3 84.5#
63 32.4 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: 100.286 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032527.D

Acq: 3 Feb 2018 1:18

Instrument :

BNA_G

ClientSampled :

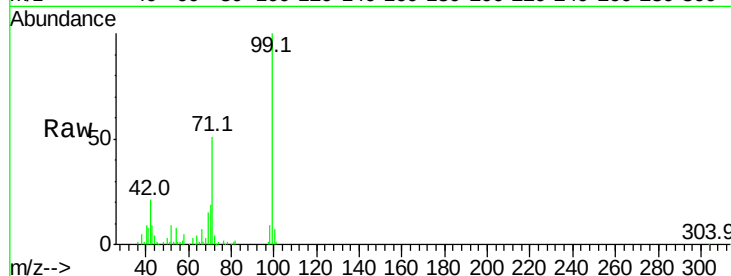
Tot Ion: 99 Resp: 160557

Ion Ratio Lower Upper

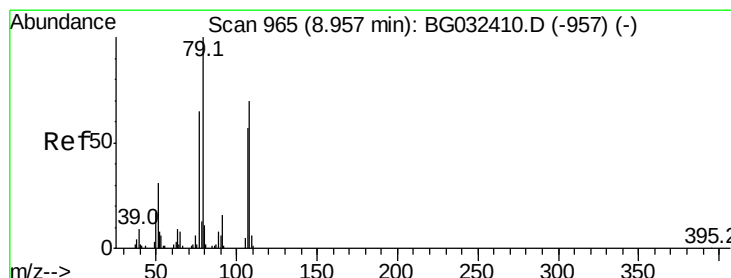
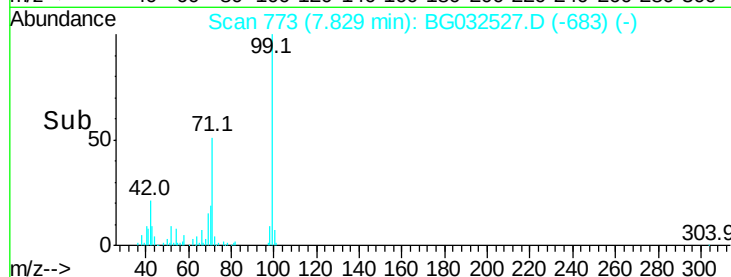
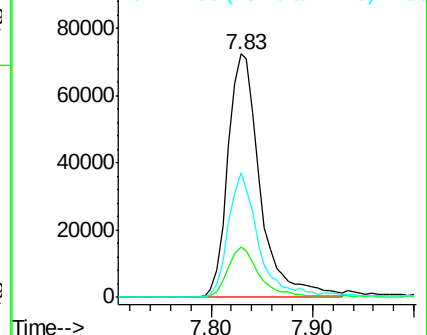
99 100

42 20.7 14.1 21.1

71 51.3 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



#15

Benzyl Alcohol

Concen: 8.934 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.01 min

Lab File: BG032527.D

Acq: 3 Feb 2018 1:18

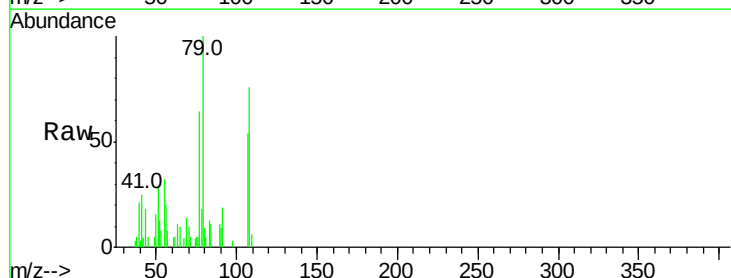
Tgt Ion: 79 Resp: 11788

Ion Ratio Lower Upper

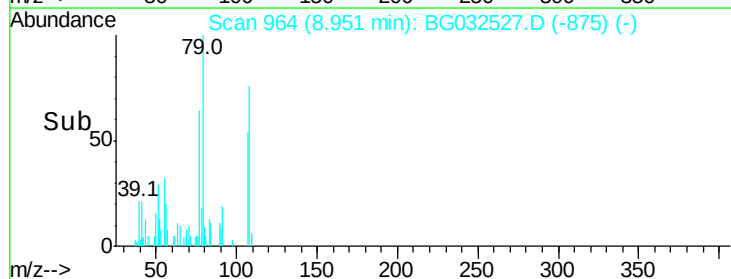
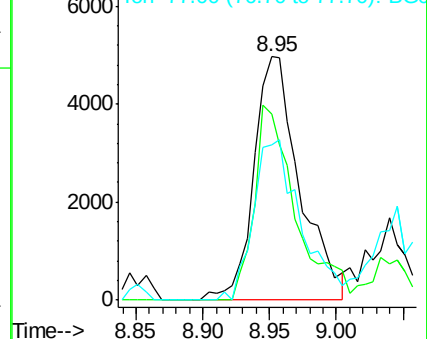
79 100

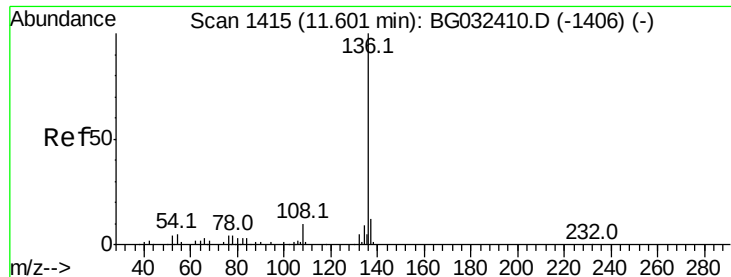
108 76.4 57.2 85.8

77 63.8 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

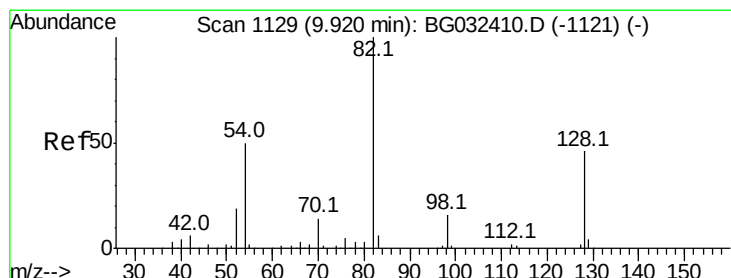
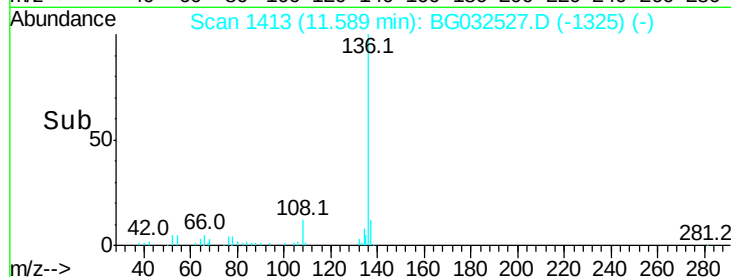
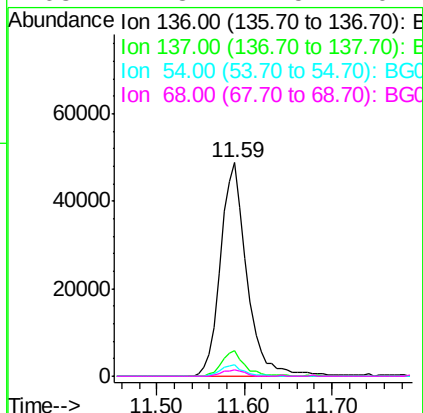
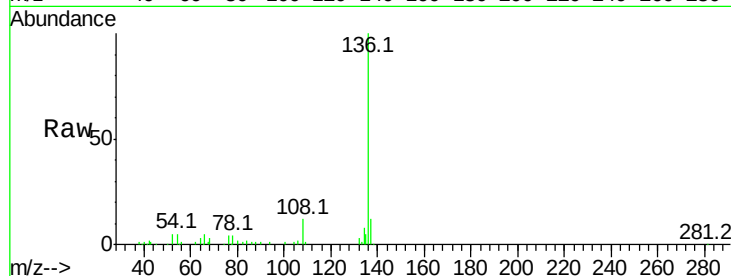




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032527.D
Acq: 3 Feb 2018 1:18

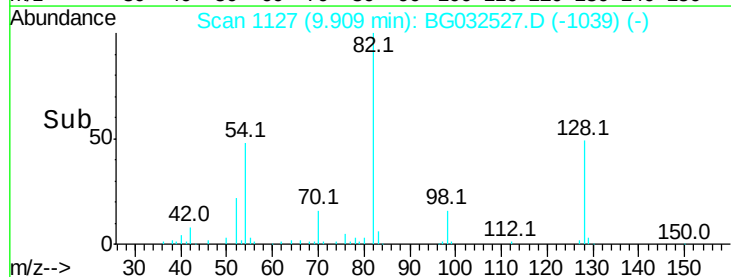
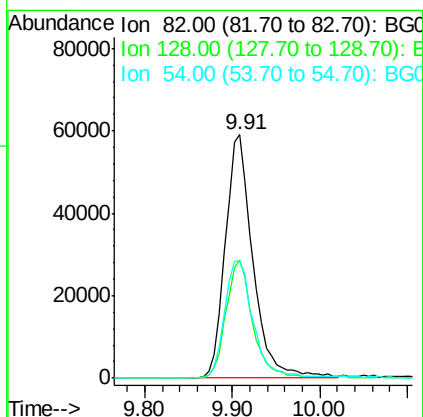
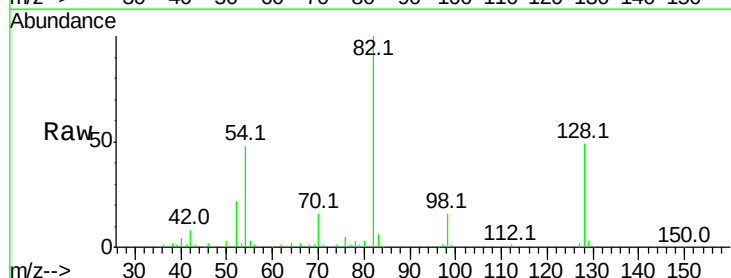
Instrument :
BNA_G
ClientSampleId :

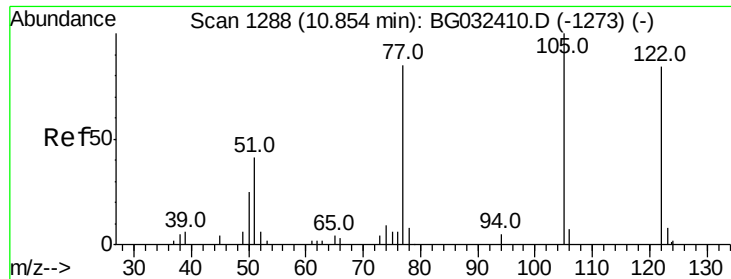
Tot Ion:	136	Resp:	101120
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	5.3	10.3	15.5#
68	2.8	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 78.935 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032527.D
Acq: 3 Feb 2018 1:18

Tgt Ion:	82	Resp:	127791
Ion	Ratio	Lower	Upper
82	100		
128	48.6	29.7	44.5#
54	48.3	43.1	64.7

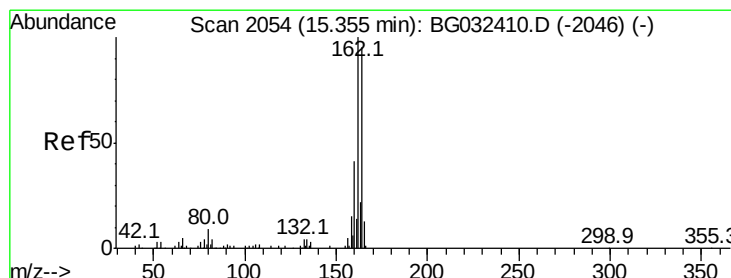
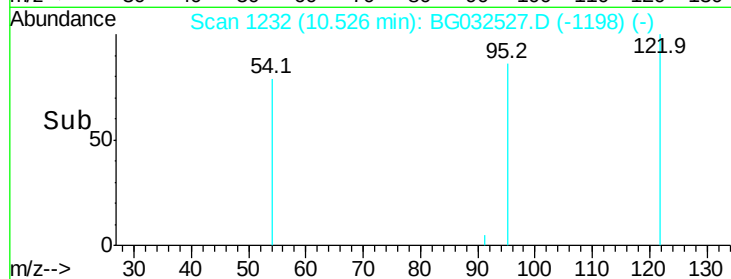
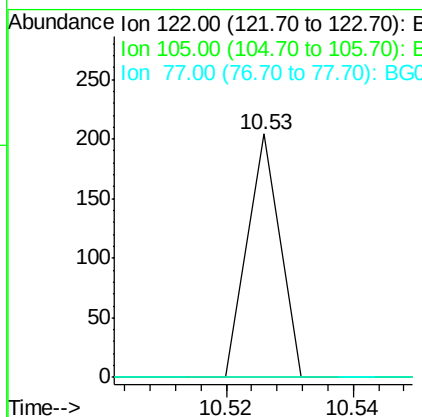
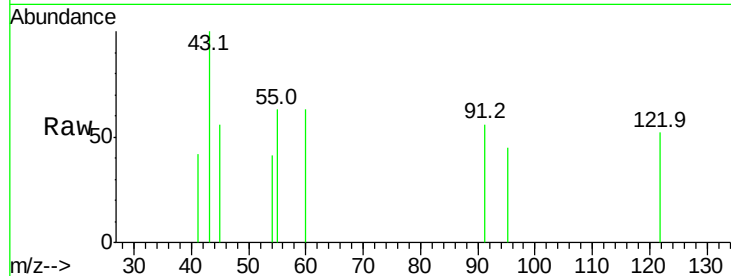




#32
Benzoic acid
Concen: 7.344 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.33 min
Lab File: BG032527.D
Acq: 3 Feb 2018 1:18

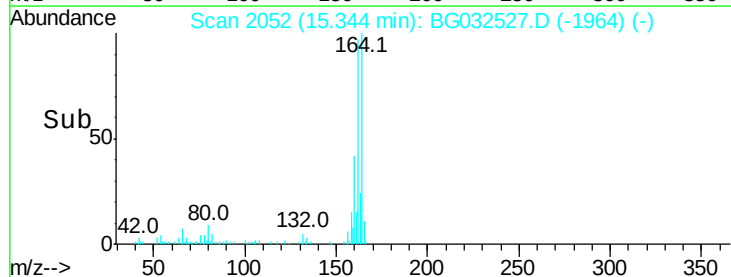
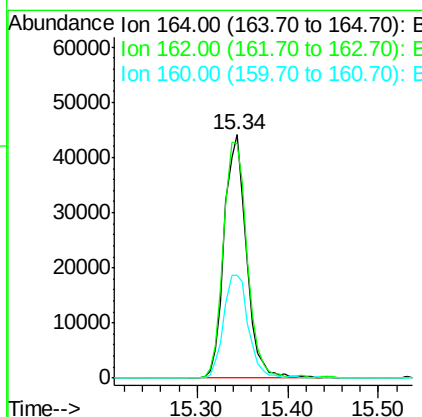
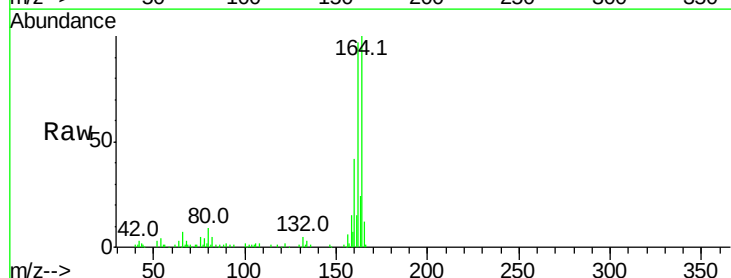
Instrument :
BNA_G
ClientSampleId :

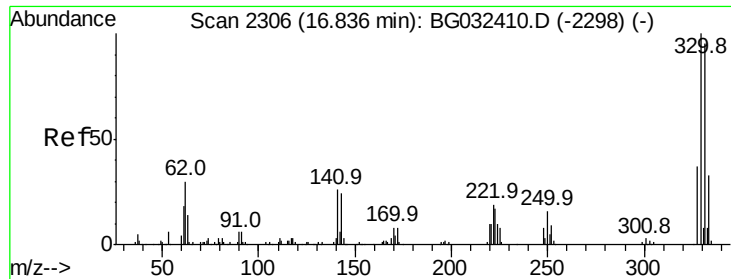
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032527.D
Acq: 3 Feb 2018 1:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	78.8	118.2
160	42.3	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 106.202 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032527.D

Acq: 3 Feb 2018 1:18

Instrument :

BNA_G

ClientSampleId :

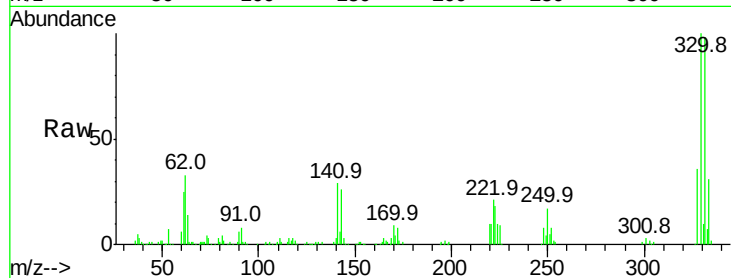
Tot Ion:330 Resp: 151677

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

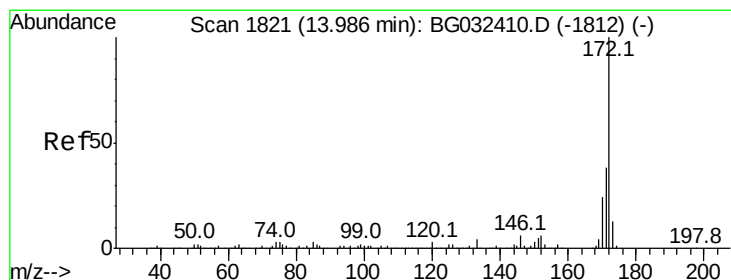
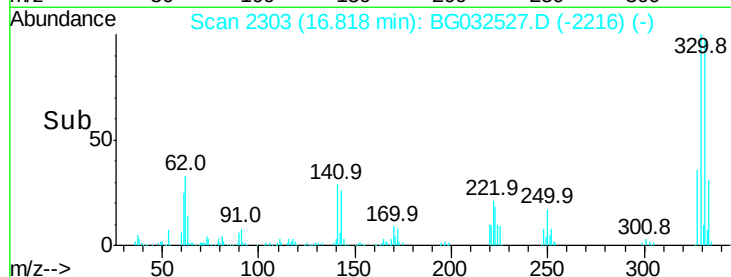
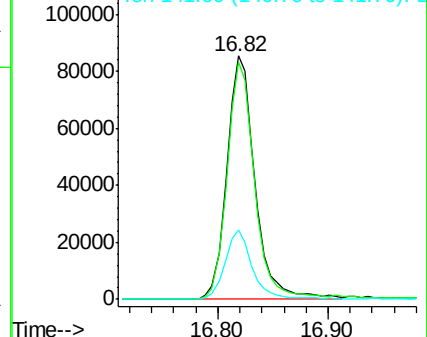
141 27.9 25.2 37.8



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: 75.641 ng

RT: 13.97 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BG032527.D

Acq: 3 Feb 2018 1:18

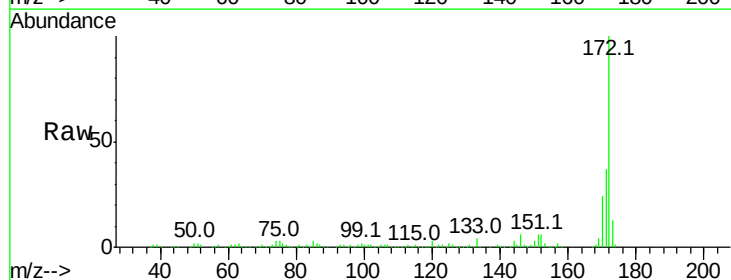
Tgt Ion:172 Resp: 477495

Ion Ratio Lower Upper

172 100

171 37.1 30.0 45.0

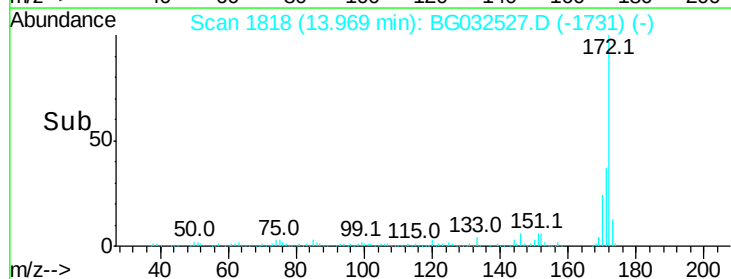
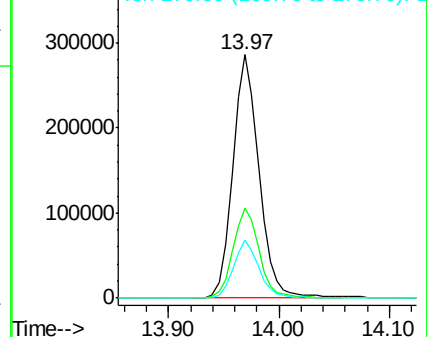
170 23.8 19.5 29.3

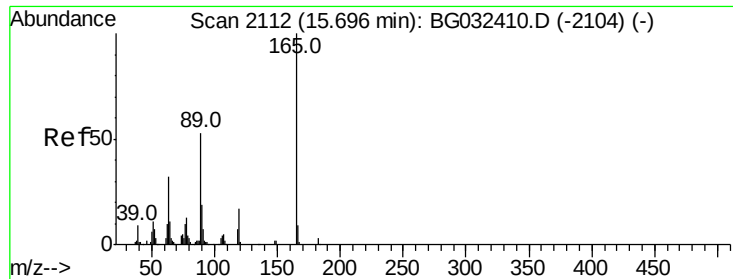


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

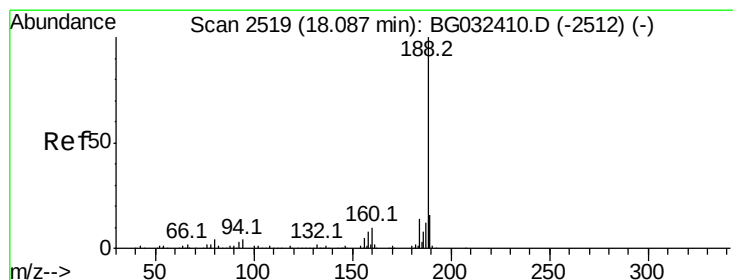
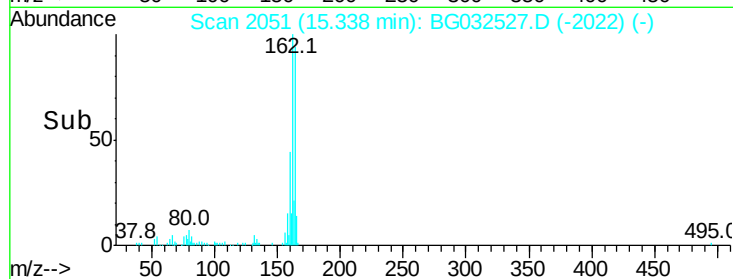
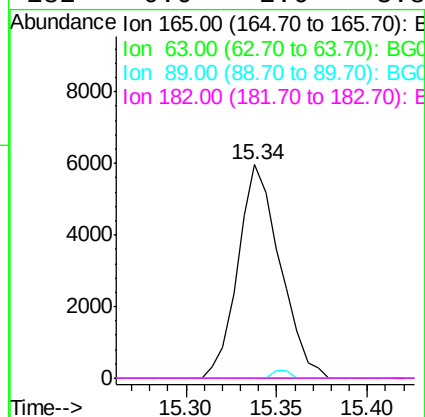
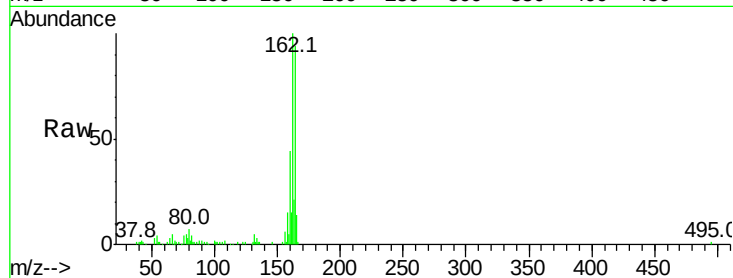




#56
 2,4-Dinitrotoluene
 Concen: 4.672 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.36 min
 Lab File: BG032527.D
 Acq: 3 Feb 2018 1:18

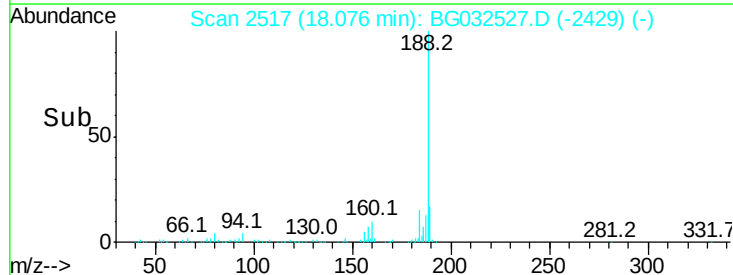
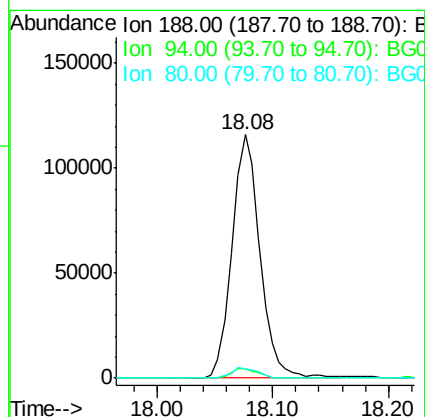
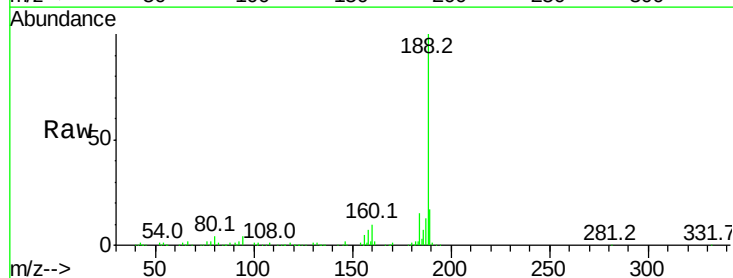
Instrument :
 BNA_G
 ClientSampleId :

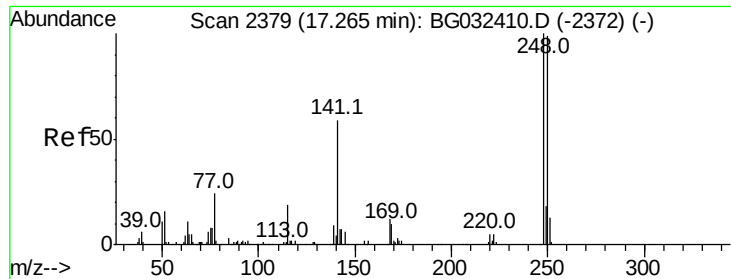
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032527.D
 Acq: 3 Feb 2018 1:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.0	6.9	10.3#
80	3.9	7.7	11.5#

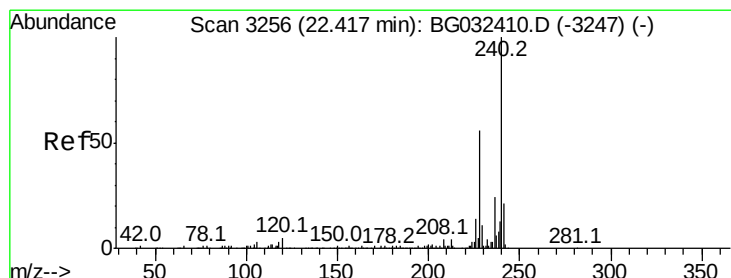
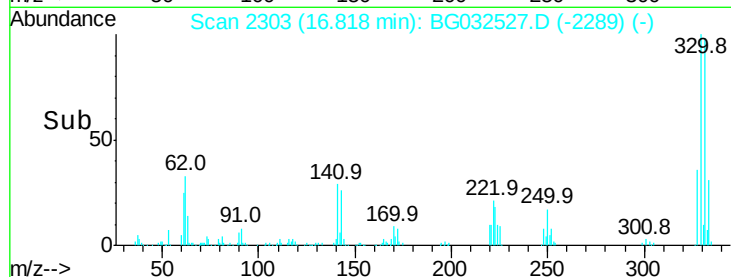
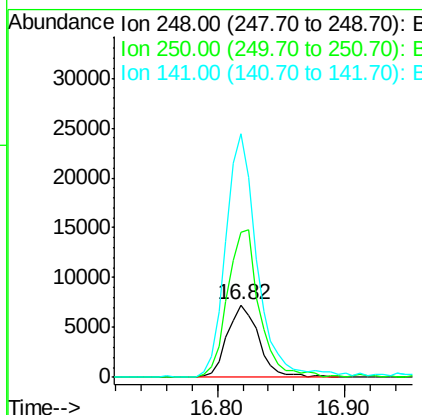
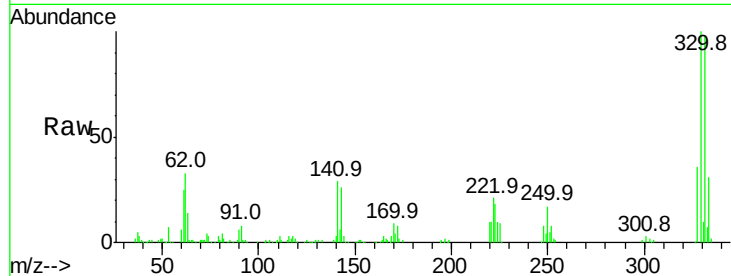




#66
 4-Bromophenyl-phenylether
 Concen: 4.378 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.45 min
 Lab File: BG032527.D
 Acq: 3 Feb 2018 1:18

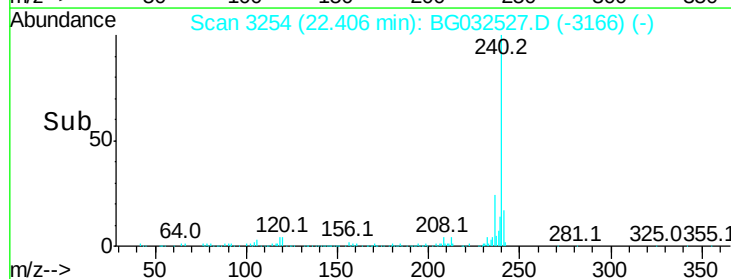
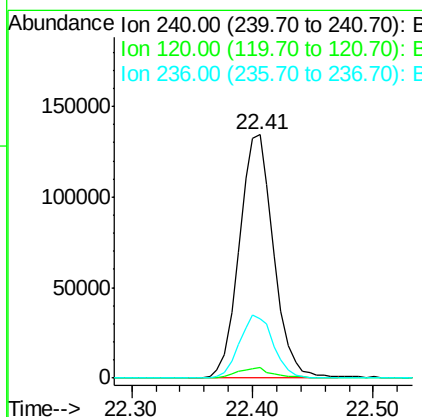
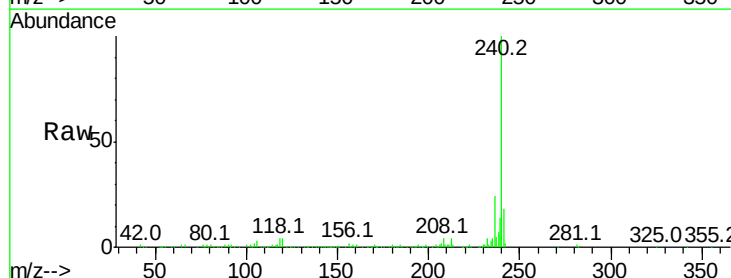
Instrument :
 BNA_G
 ClientSampleId :

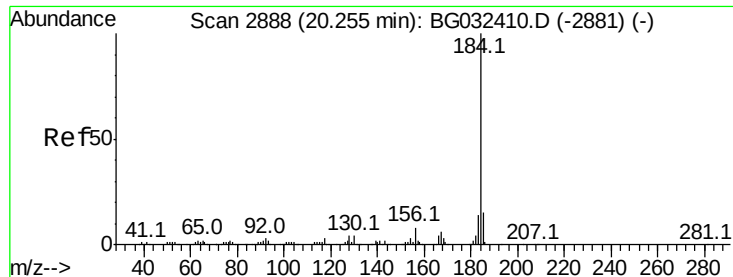
Tot Ion:248 Resp: 12565
 Ion Ratio Lower Upper
 248 100
 250 200.5 77.1 115.7#
 141 336.7 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032527.D
 Acq: 3 Feb 2018 1:18

Tgt Ion:240 Resp: 264391
 Ion Ratio Lower Upper
 240 100
 120 4.2 6.8 10.2#
 236 24.2 20.9 31.3





#76

Benzidine

Concen: 2.741 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032527.D

Acq: 3 Feb 2018 1:18

Instrument :

BNA_G

ClientSampleId :

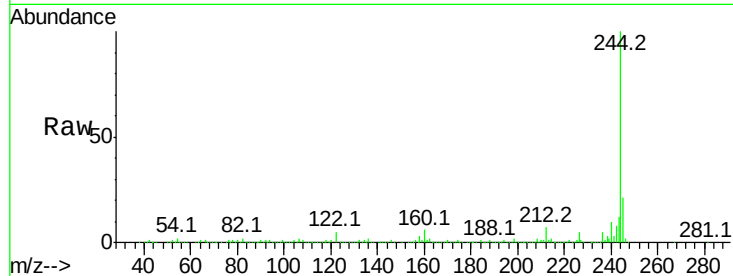
Tot Ion:184 Resp: 14231

Ion Ratio Lower Upper

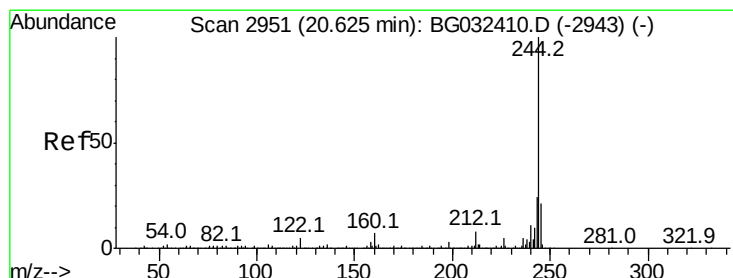
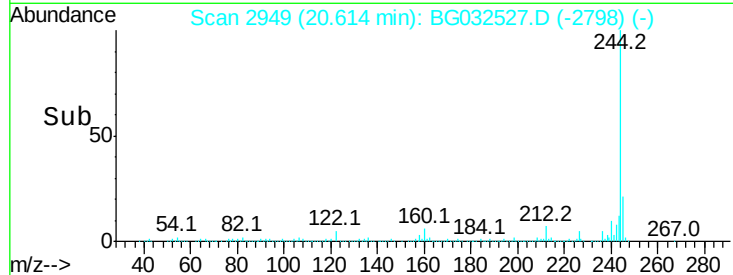
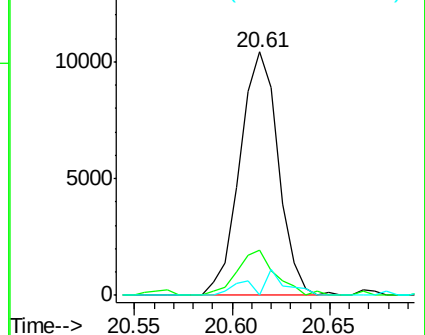
184 100

185 18.8 11.1 16.7#

183 0.0 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: 78.694 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032527.D

Acq: 3 Feb 2018 1:18

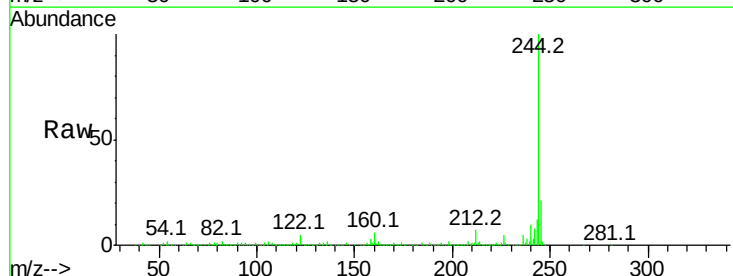
Tgt Ion:244 Resp: 971294

Ion Ratio Lower Upper

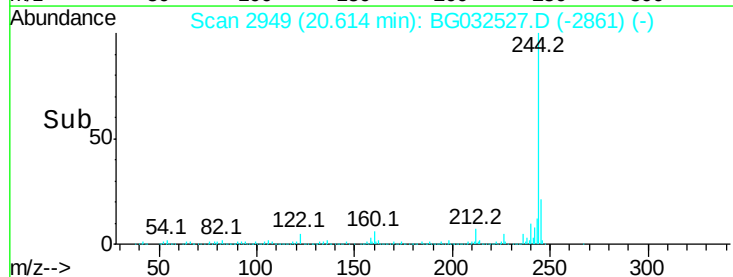
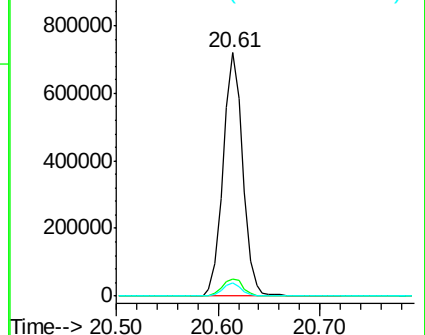
244 100

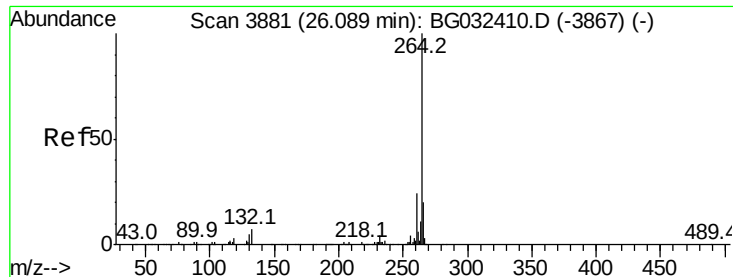
212 7.2 5.8 8.8

122 5.4 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

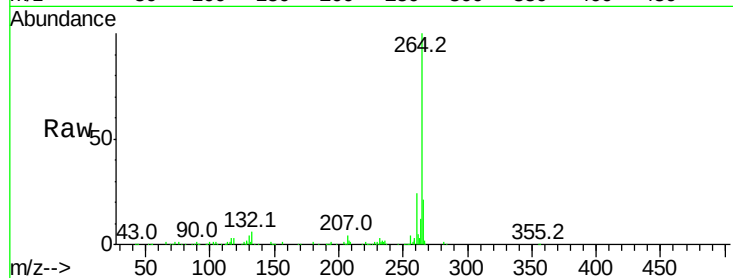




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3878
Delta R.T. -0.02 min
Lab File: BG032527.D
Acq: 3 Feb 2018 1:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.9	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

