

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020028.D
 Acq On : 9 Dec 2015 4:53
 Operator : UM/SJ
 Sample : PB87147BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87147BL

Quant Time: Dec 09 07:13:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18089	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	78085	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	56548	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	140308	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	172734	20.00	ng	-0.04
86) Perylene-d12	25.03	264	159694	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	120666	120.56	ng	-0.01
7) Phenol-d6	7.26	99	178616	118.20	ng	-0.02
23) Nitrobenzene-d5	9.27	82	112957	73.83	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	89945	103.96	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	294206	71.04	ng	-0.03
78) Terphenyl-d14	20.08	244	527937	74.55	ng	-0.03

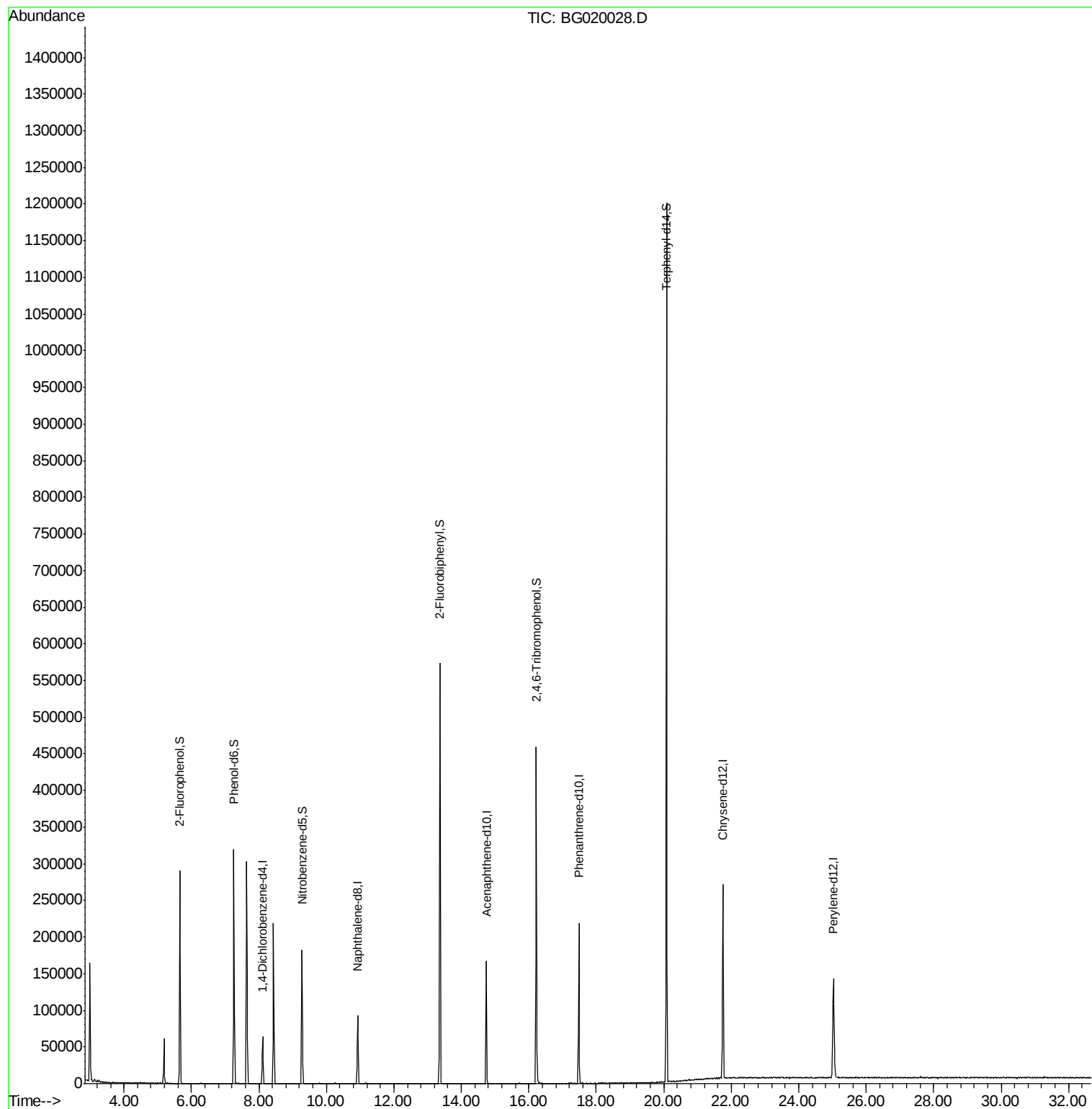
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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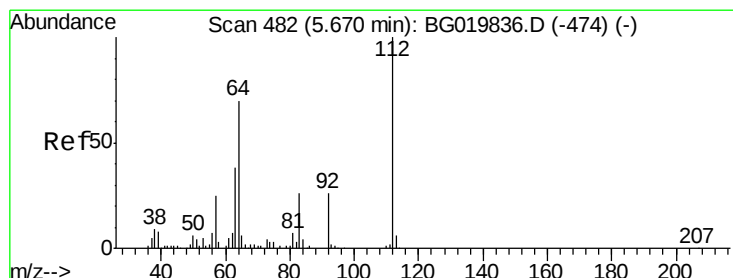
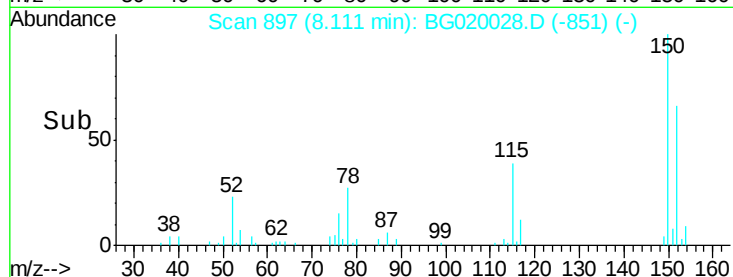
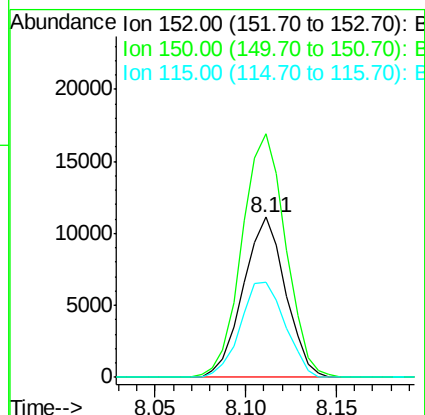
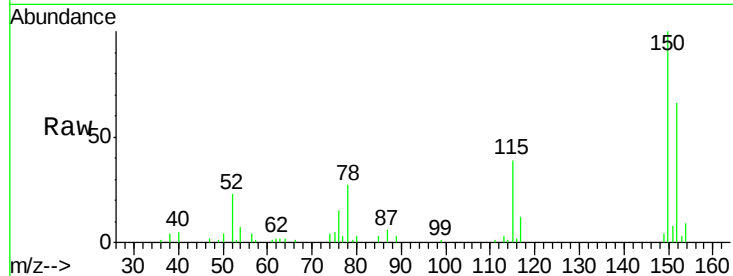


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020028.D
Acq: 9 Dec 2015 4:53

Instrument :
BNA_G
ClientSampleId :
PB87147BL

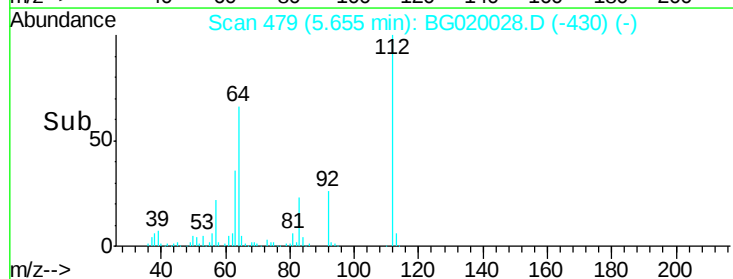
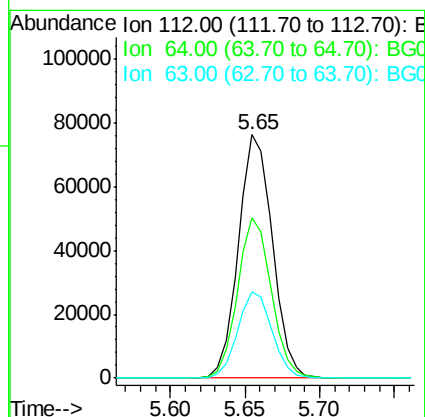
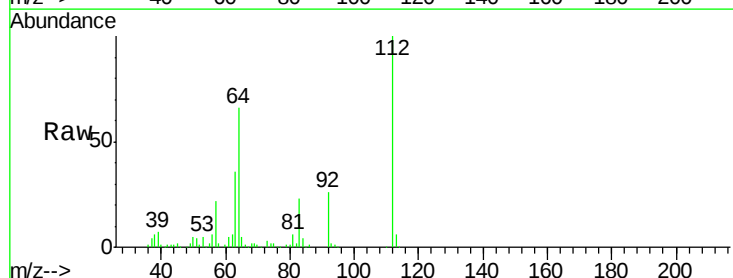
Tgt Ion:152 Resp: 18089
Ion Ratio Lower Upper
152 100
150 152.0 115.0 172.4
115 59.6 43.9 65.9



#5

2-Fluorophenol
Concen: 120.56 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG020028.D
Acq: 9 Dec 2015 4:53

Tgt Ion:112 Resp: 120666
Ion Ratio Lower Upper
112 100
64 65.7 43.7 65.5#
63 35.5 24.0 36.0





#7

Phenol-d6

Concen: 118.20 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020028.D

Acq: 9 Dec 2015 4:53

Instrument :

BNA_G

ClientSampleId :

PB87147BL

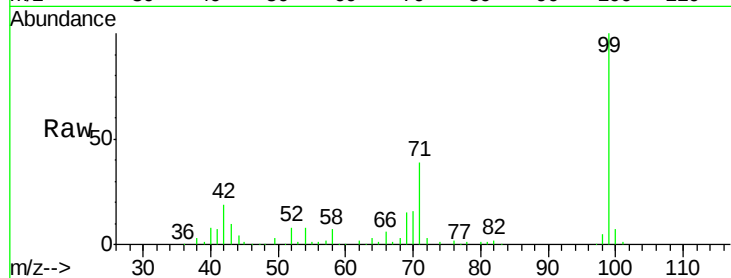
Tgt Ion: 99 Resp: 178616

Ion Ratio Lower Upper

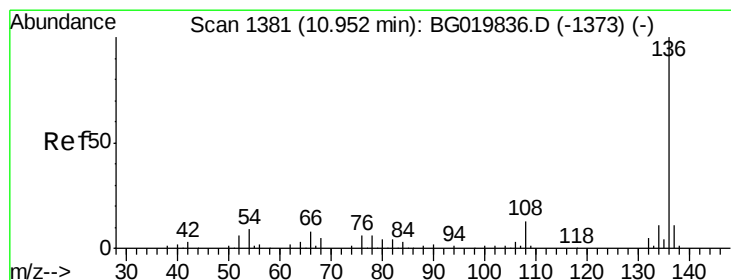
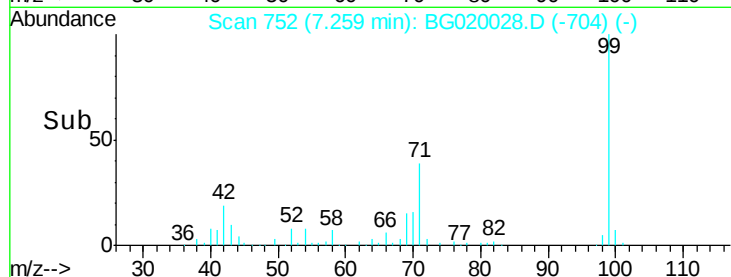
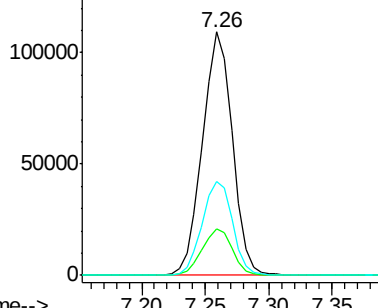
99 100

42 19.3 11.5 17.3#

71 38.5 22.6 34.0#



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: 20.00 ng

RT: 10.93 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG020028.D

Acq: 9 Dec 2015 4:53

Tgt Ion: 136 Resp: 78085

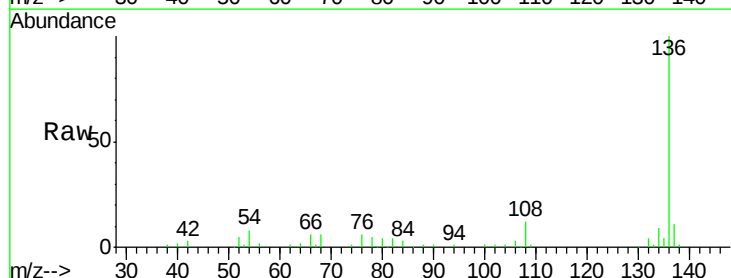
Ion Ratio Lower Upper

136 100

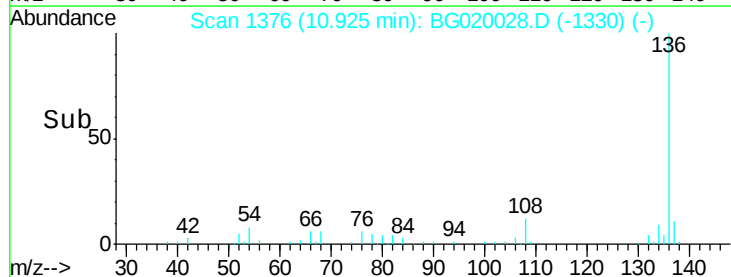
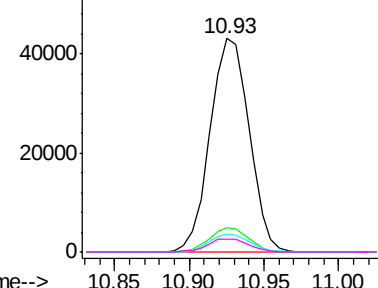
137 11.2 8.6 12.8

54 8.4 5.4 8.2#

68 6.3 5.3 7.9



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

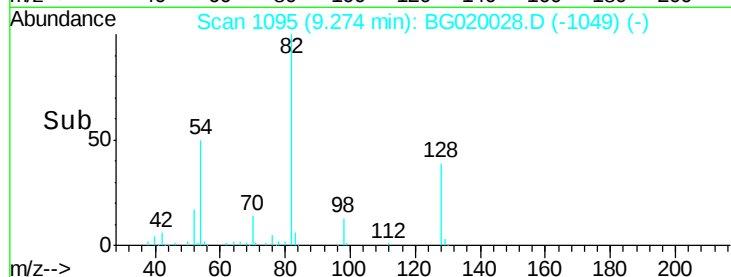
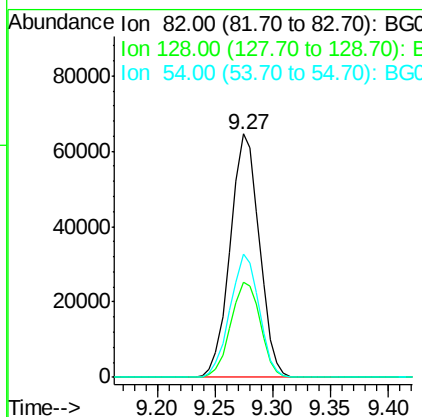
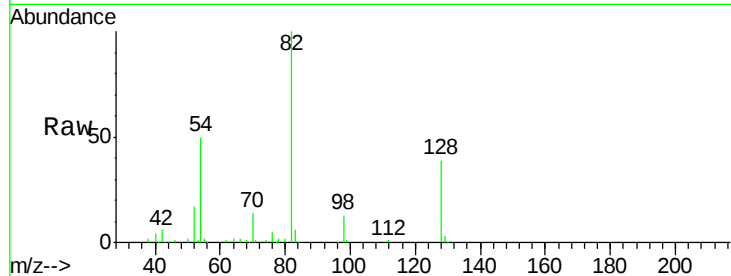




#23
 Nitrobenzene-d5
 Concen: 73.83 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG020028.D
 Acq: 9 Dec 2015 4:53

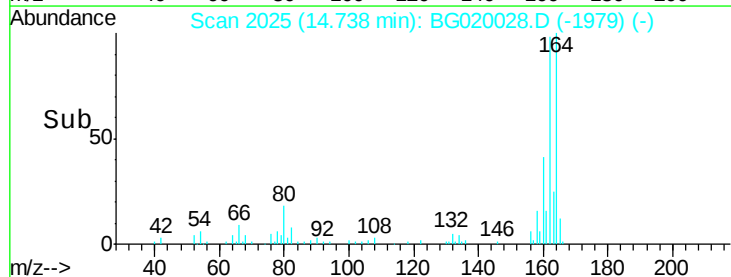
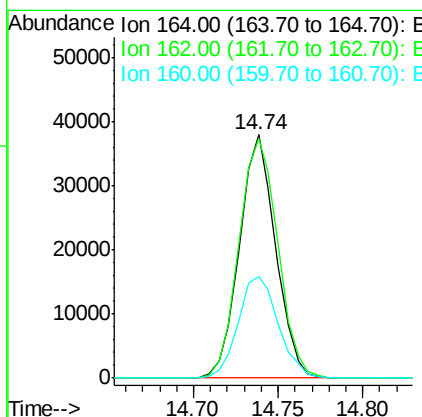
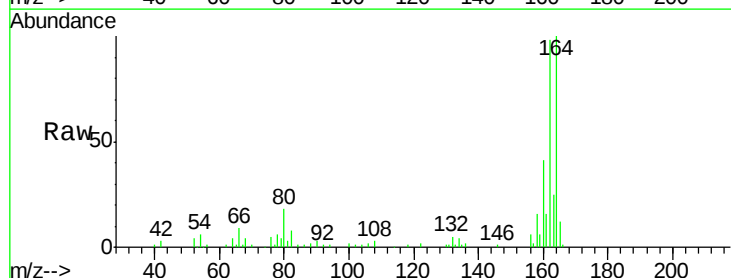
Instrument :
 BNA_G
 ClientSampleId :
 PB87147BL

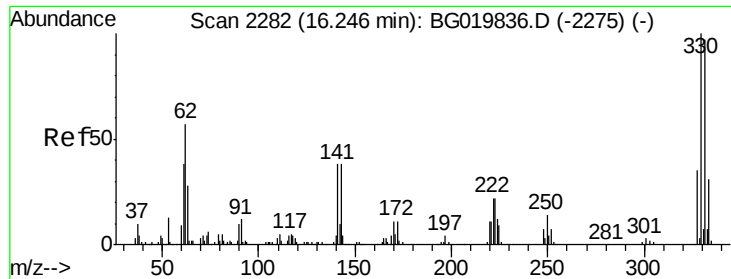
Tgt Ion: 82 Resp: 112957
 Ion Ratio Lower Upper
 82 100
 128 39.0 36.7 55.1
 54 50.4 33.8 50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020028.D
 Acq: 9 Dec 2015 4:53

Tgt Ion: 164 Resp: 56548
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.8 118.2
 160 41.5 36.4 54.6

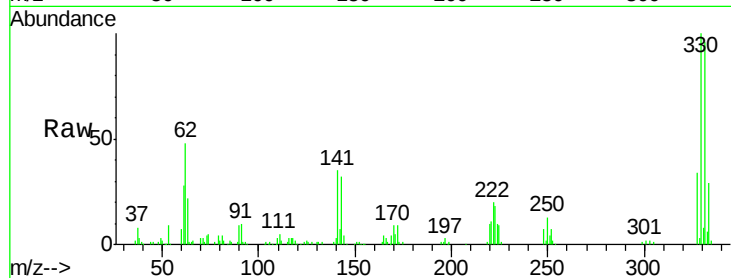




#41
 2,4,6-Tribromophenol
 Concen: 103.96 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020028.D
 Acq: 9 Dec 2015 4:53

Instrument :
 BNA_G
 ClientSampleId :
 PB87147BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	35.4	28.2	42.2

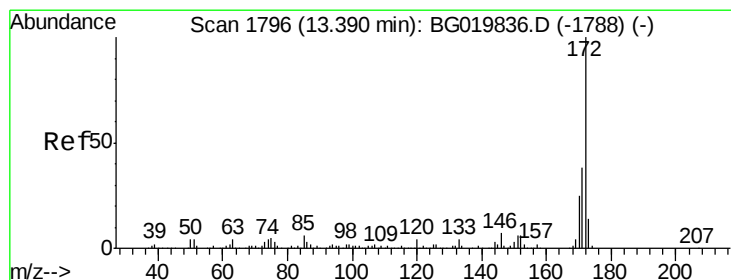
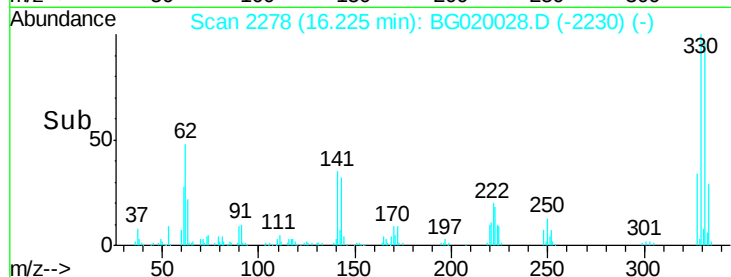
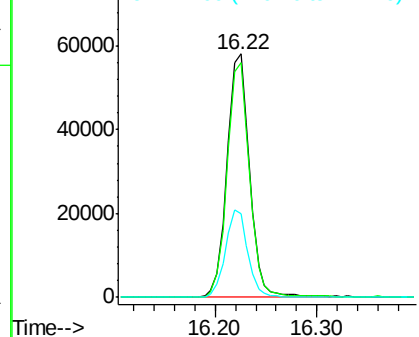


Abundance

Ion 329.80 (329.50 to 330.50): E

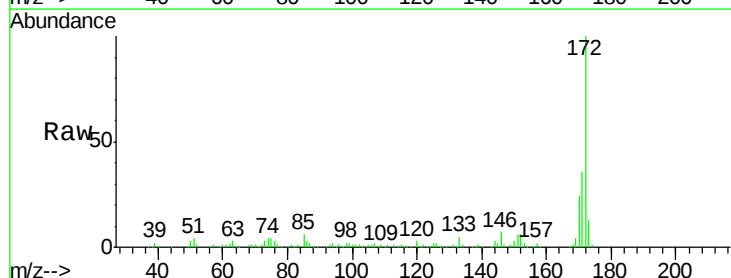
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.04 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020028.D
 Acq: 9 Dec 2015 4:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	23.6	19.9	29.9

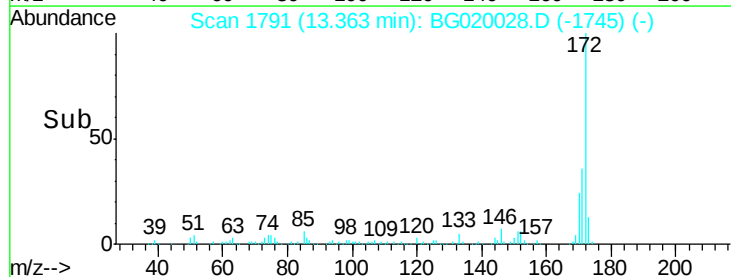
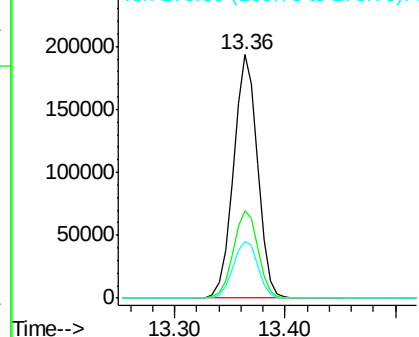


Abundance

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

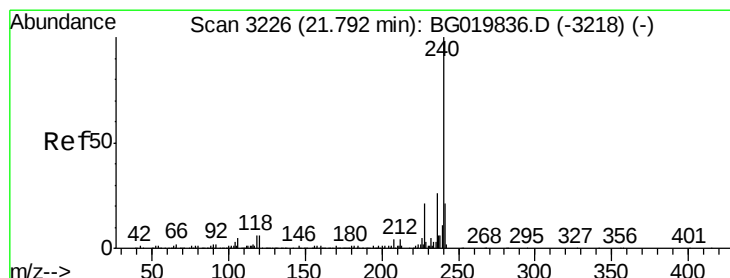
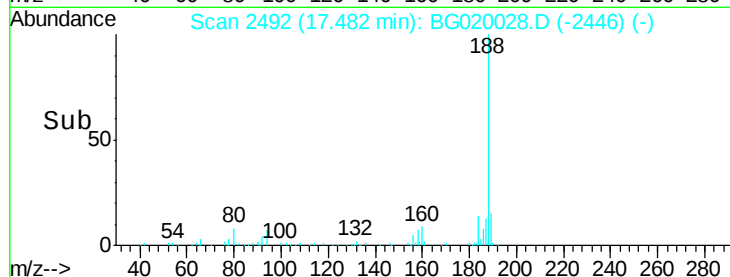
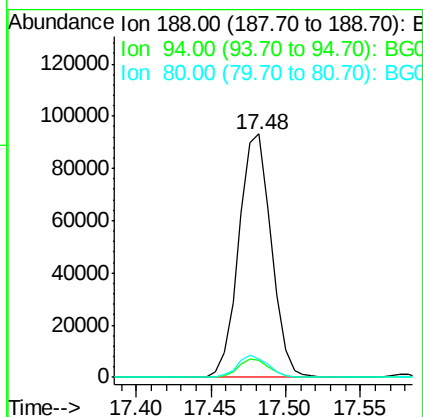
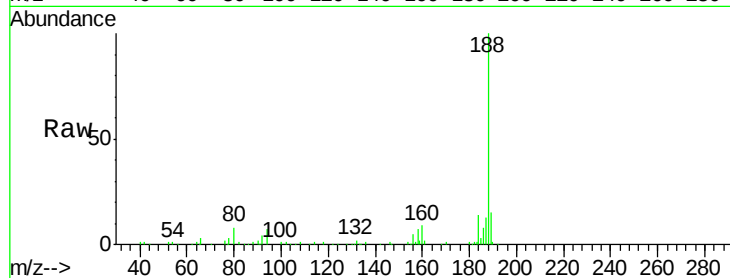




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020028.D
Acq: 9 Dec 2015 4:53

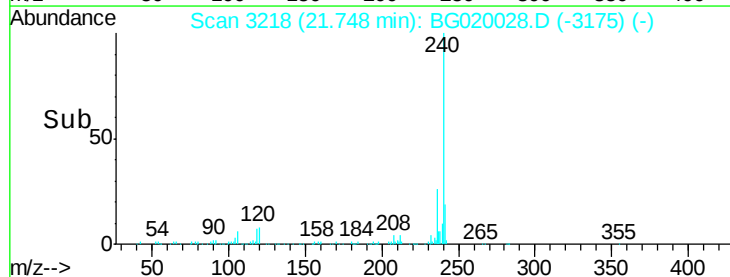
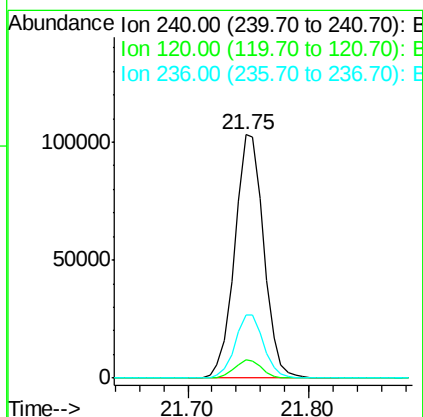
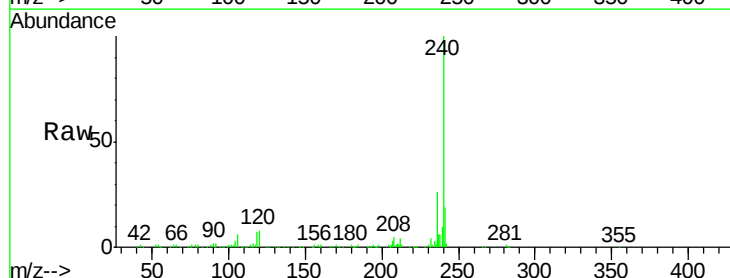
Instrument :
BNA_G
ClientSampleId :
PB87147BL

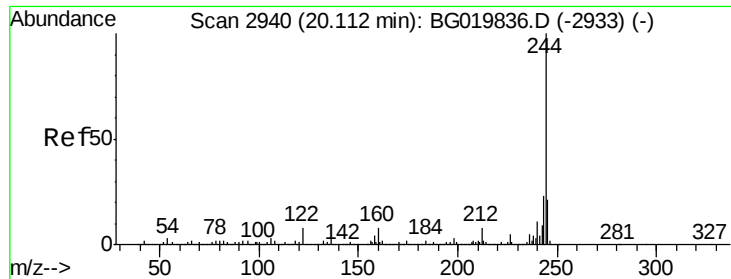
Tgt Ion:188 Resp: 140308
Ion Ratio Lower Upper
188 100
94 6.8 7.7 11.5#
80 7.6 7.8 11.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.04 min
Lab File: BG020028.D
Acq: 9 Dec 2015 4:53

Tgt Ion:240 Resp: 172734
Ion Ratio Lower Upper
240 100
120 7.7 7.4 11.0
236 26.1 20.7 31.1

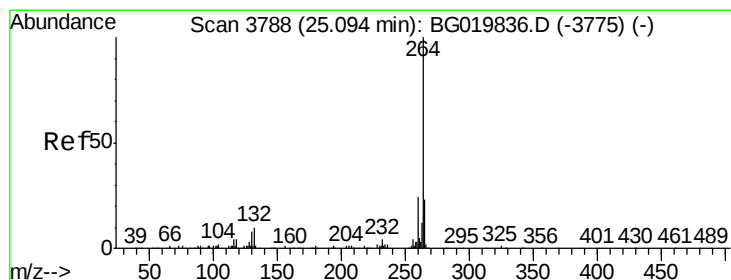
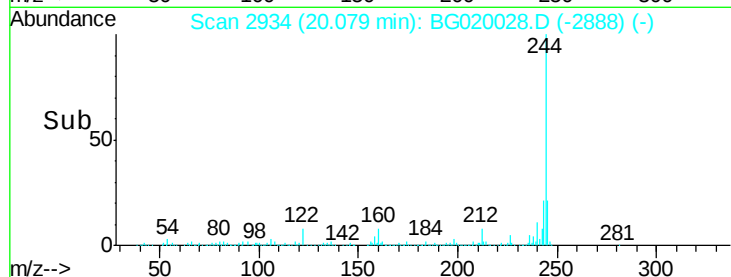
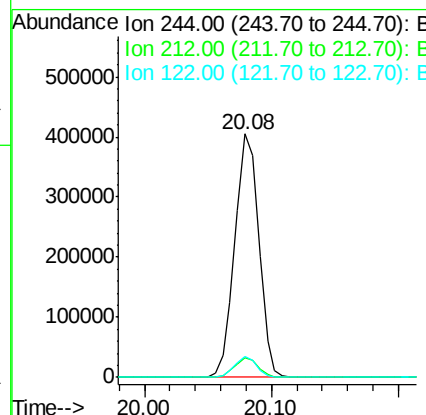
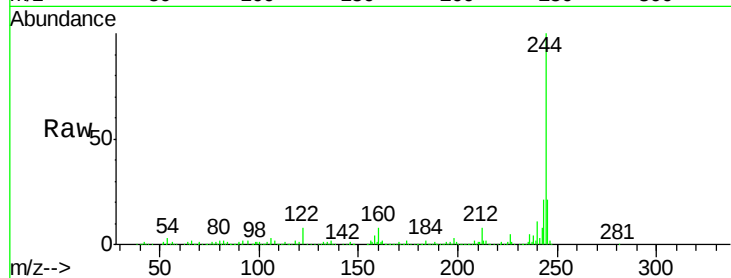




#78
 Terphenyl-d14
 Concen: 74.55 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.03 min
 Lab File: BG020028.D
 Acq: 9 Dec 2015 4:53

Instrument :
 BNA_G
 ClientSampled :
 PB87147BL

Tgt Ion:244 Resp: 527937
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 8.3 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3776
 Delta R.T. -0.07 min
 Lab File: BG020028.D
 Acq: 9 Dec 2015 4:53

Tgt Ion:264 Resp: 159694
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 22.9 17.2 25.8

