

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
 Data File : BG019875.D
 Acq On : 3 Dec 2015 18:06
 Operator : UM/NP
 Sample : G4717-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-07

Quant Time: Dec 04 02:51:30 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

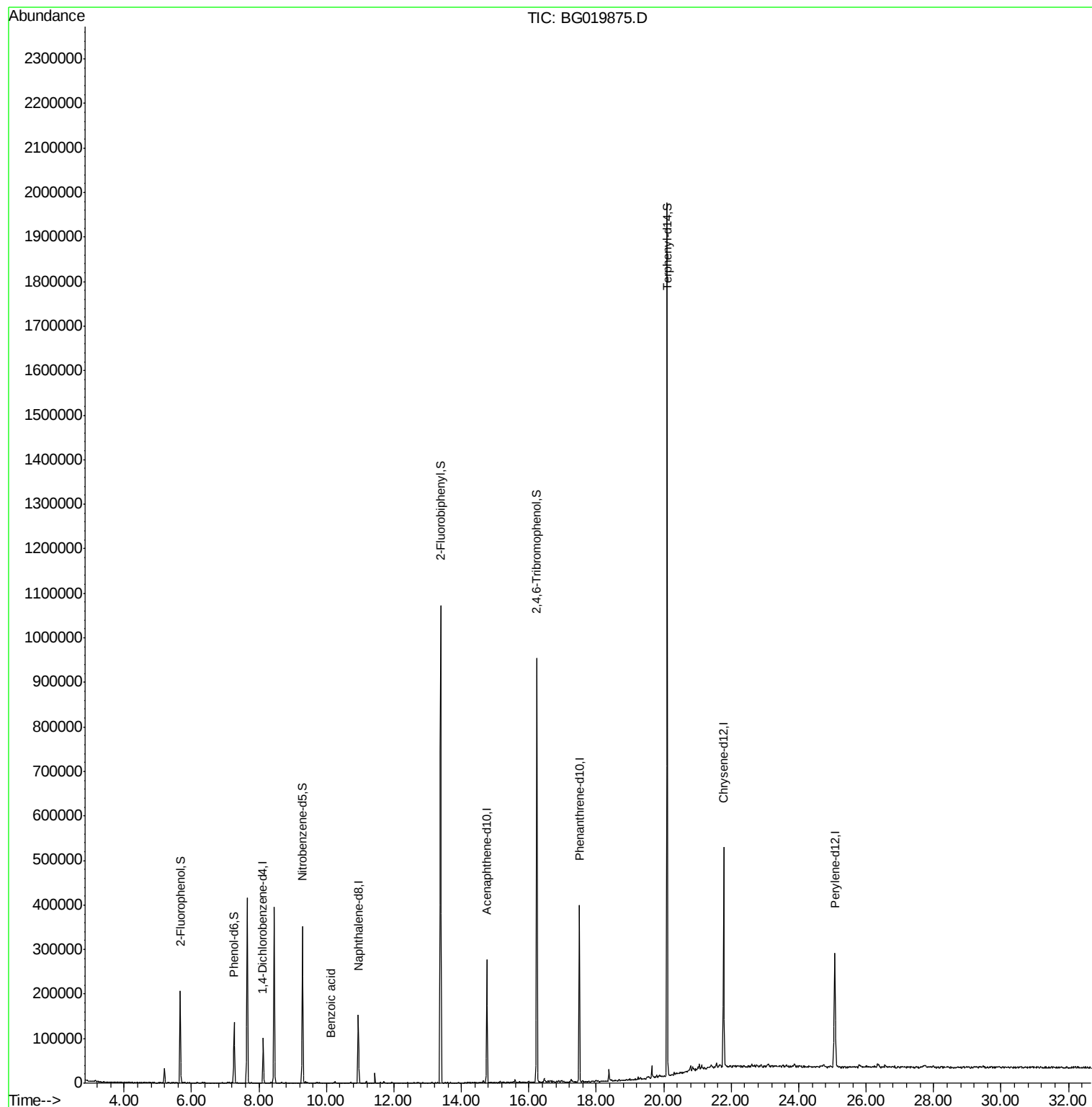
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27846	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	124286	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	93838	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	240055	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	294022	20.00	ng	-0.02
86) Perylene-d12	25.07	264	279650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	82122	53.30	ng	0.00
7) Phenol-d6	7.26	99	74092	31.85	ng	-0.01
23) Nitrobenzene-d5	9.29	82	212974	87.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	172700	120.28	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	543718	79.11	ng	0.00
78) Terphenyl-d14	20.10	244	808093	67.04	ng	-0.01
Target Compounds						
32) Benzoic acid	10.13	122	68	6.04	ng	Qvalue # 1

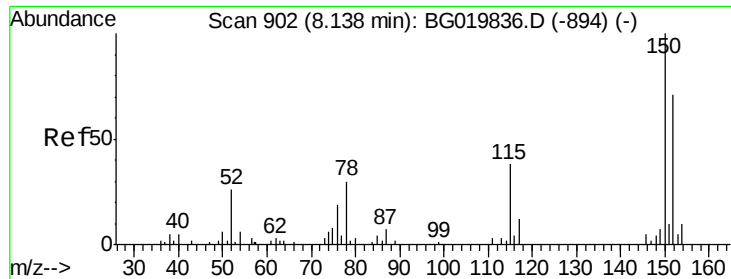
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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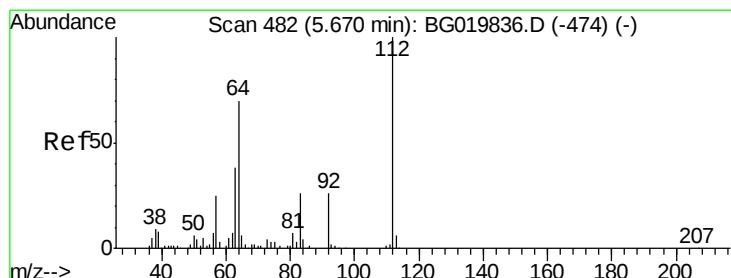
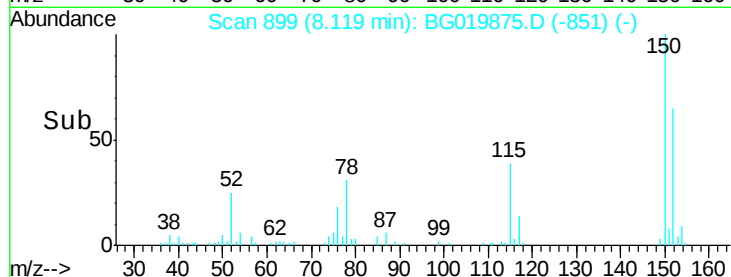
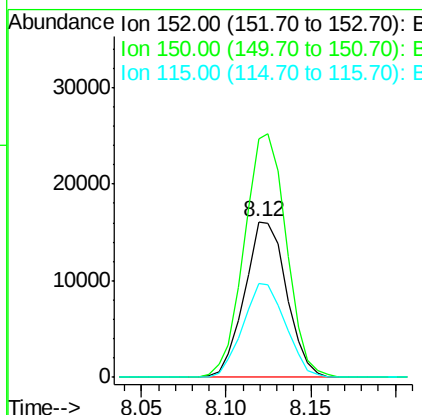
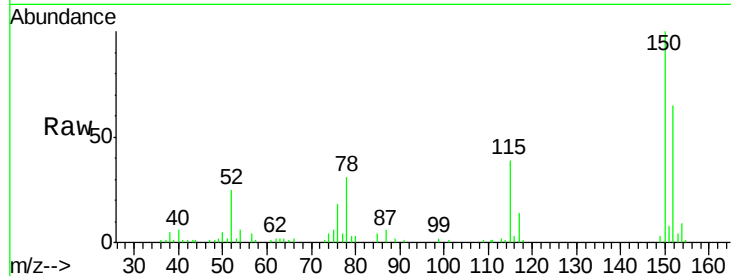




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 899
 Delta R.T. -0.02 min
 Lab File: BG019875.D
 Acq: 3 Dec 2015 18:06

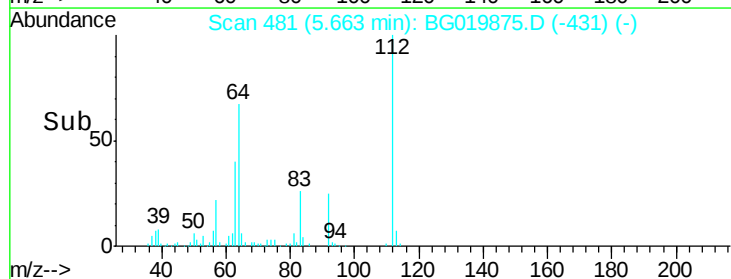
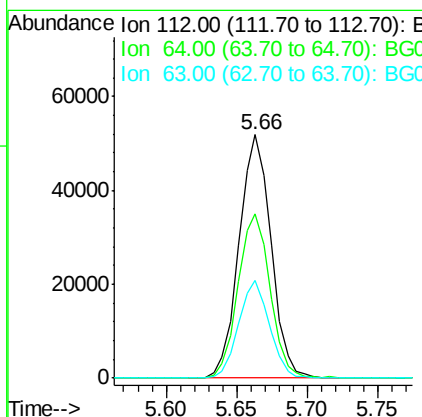
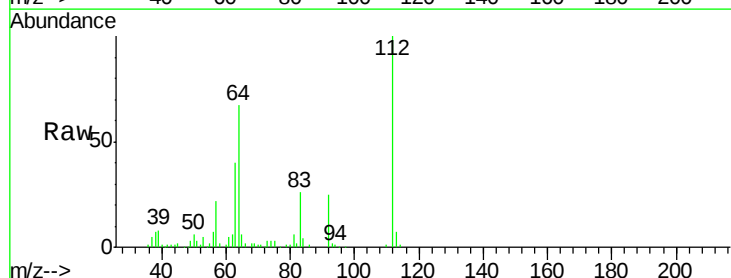
Instrument :
 BNA_G
 ClientSampleId :
 TW-07

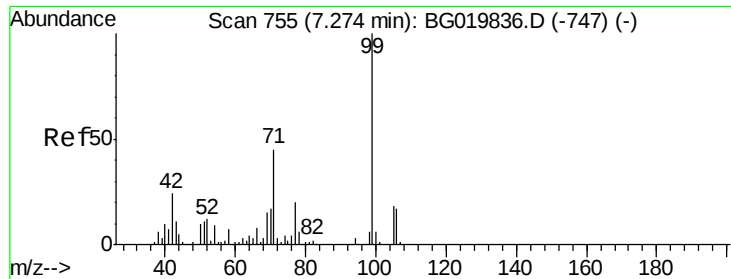
Tgt Ion:152 Resp: 27846
 Ion Ratio Lower Upper
 152 100
 150 153.5 115.0 172.4
 115 60.2 43.9 65.9



#5
 2-Fluorophenol
 Concen: 53.30 ng
 RT: 5.66 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BG019875.D
 Acq: 3 Dec 2015 18:06

Tgt Ion:112 Resp: 82122
 Ion Ratio Lower Upper
 112 100
 64 67.3 43.7 65.5#
 63 39.9 24.0 36.0#





#7

Phenol-d6

Concen: 31.85 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019875.D

Acq: 3 Dec 2015 18:06

Instrument :

BNA_G

ClientSampleId :

TW-07

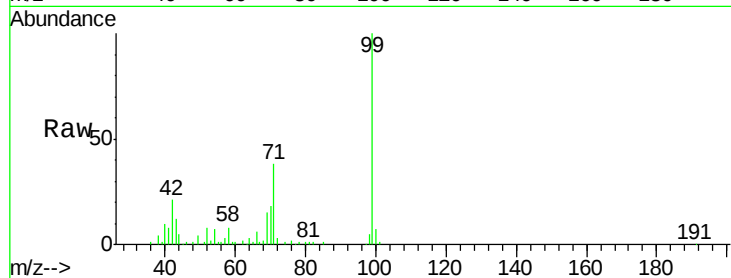
Tgt Ion: 99 Resp: 74092

Ion Ratio Lower Upper

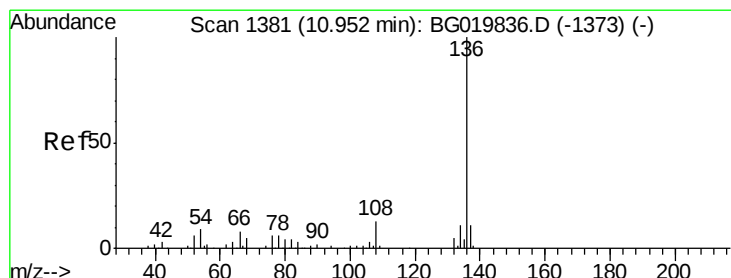
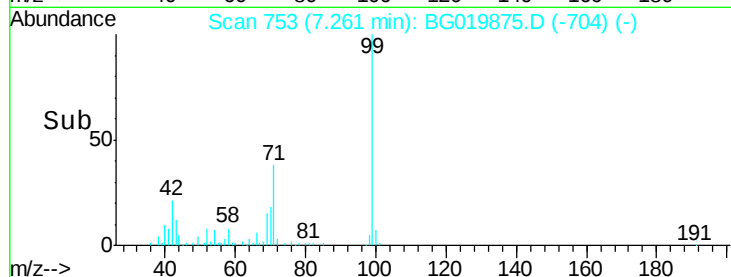
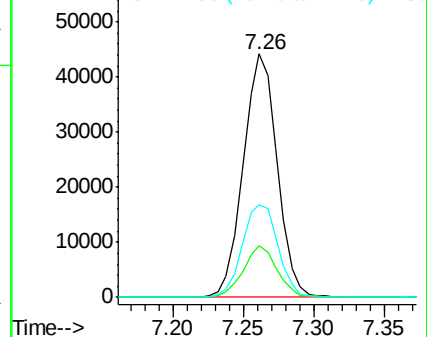
99 100

42 21.2 11.5 17.3#

71 38.2 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: 10.95 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BG019875.D

Acq: 3 Dec 2015 18:06

Tgt Ion: 136 Resp: 124286

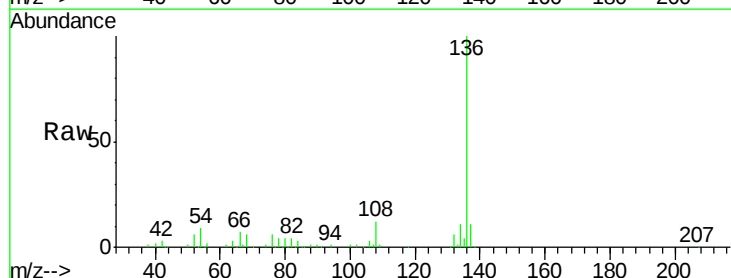
Ion Ratio Lower Upper

136 100

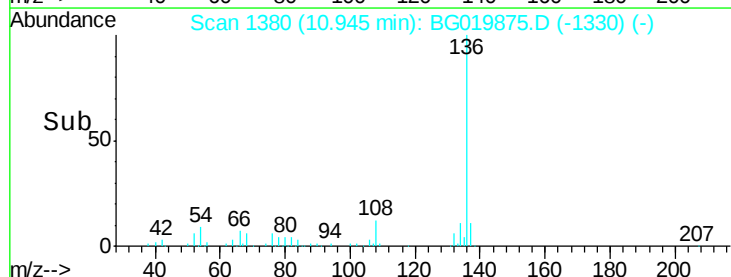
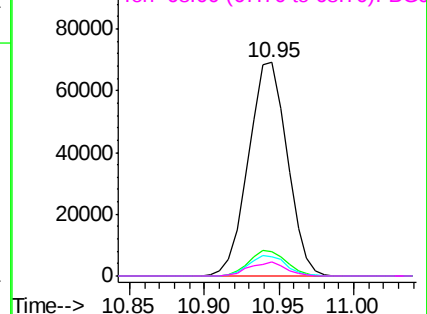
137 11.3 8.6 12.8

54 8.9 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

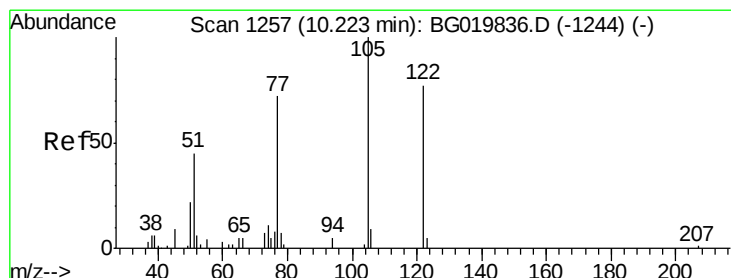
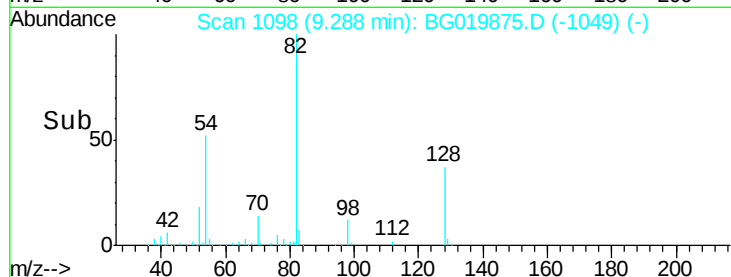
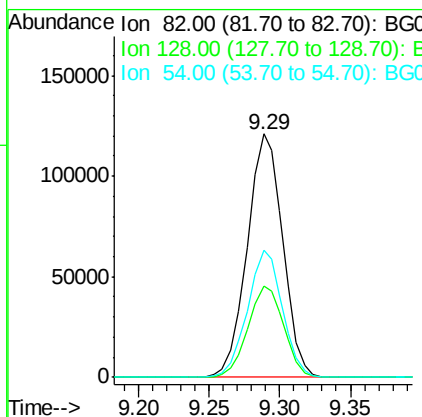
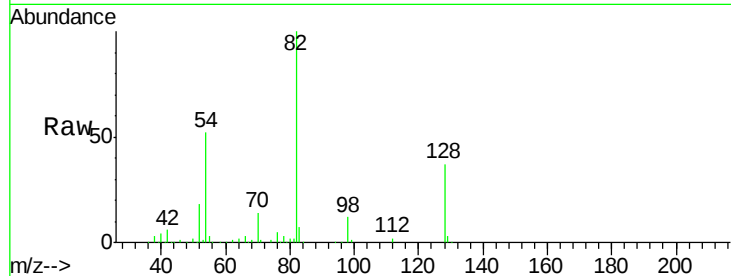




#23
Nitrobenzene-d5
Concen: 87.45 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

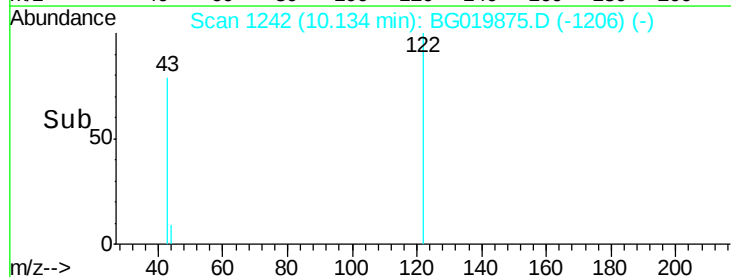
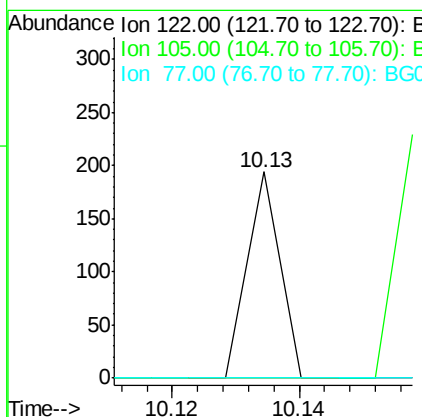
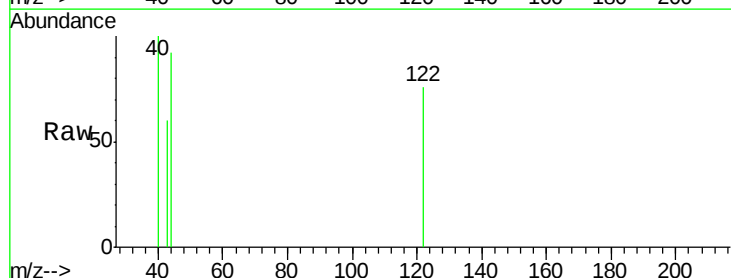
Instrument :
BNA_G
ClientSampleId :
TW-07

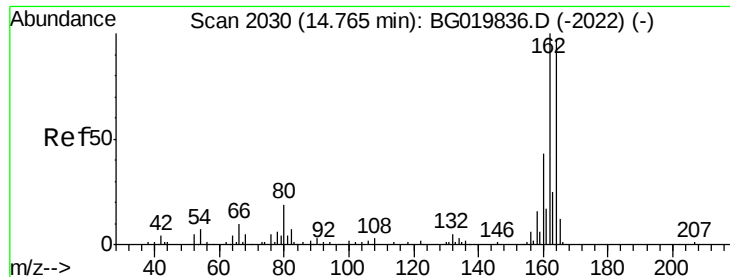
Tgt Ion: 82 Resp: 212974
Ion Ratio Lower Upper
82 100
128 37.4 36.7 55.1
54 52.4 33.8 50.8#



#32
Benzoic acid
Concen: 6.04 ng
RT: 10.13 min Scan# 1242
Delta R.T. -0.09 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Tgt Ion: 122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 68.8 108.8#

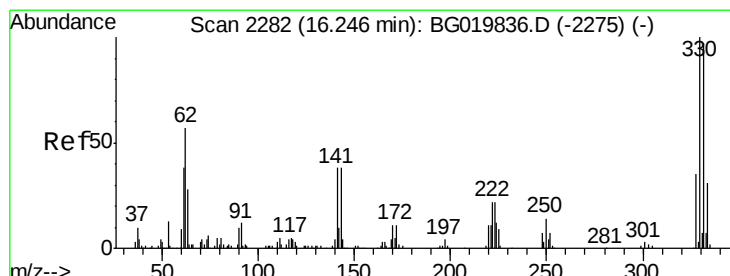
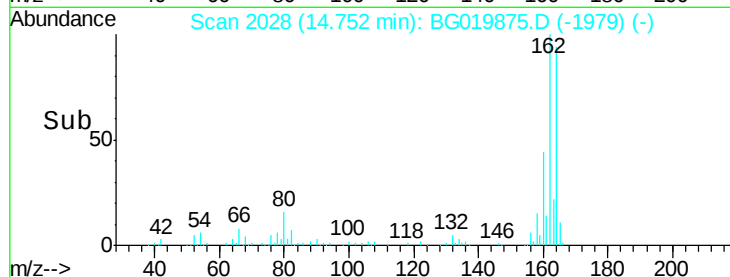
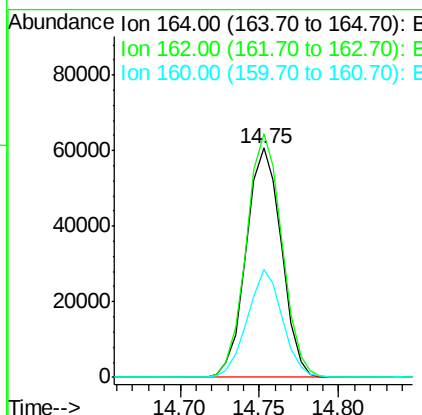
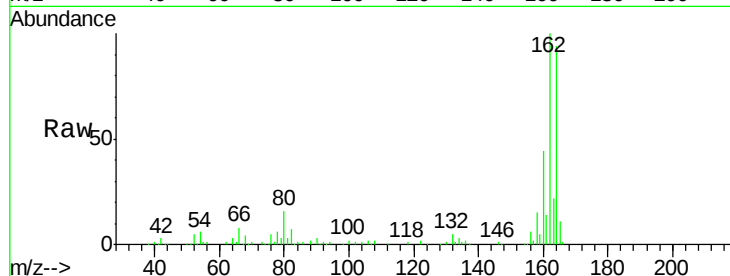




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

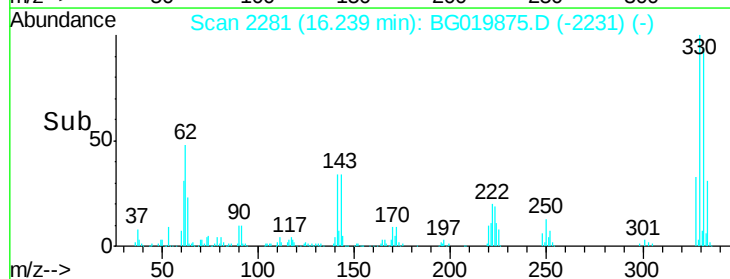
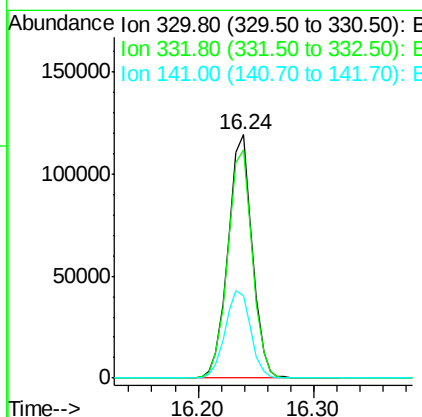
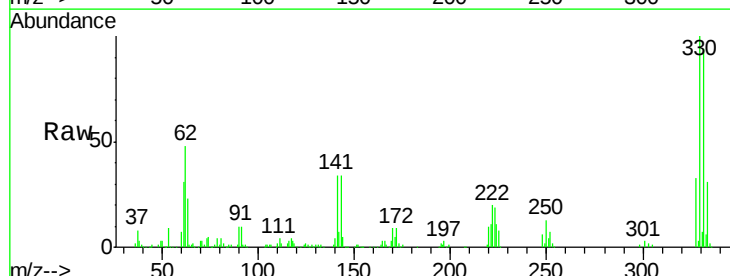
Instrument :
BNA_G
ClientSampleId :
TW-07

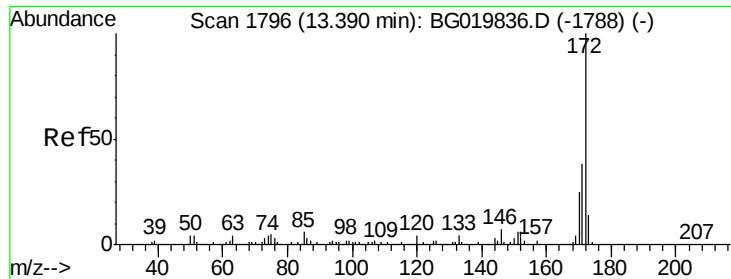
Tgt Ion:164 Resp: 93838
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 47.1 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 120.28 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Tgt Ion:330 Resp: 172700
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 38.0 28.2 42.2

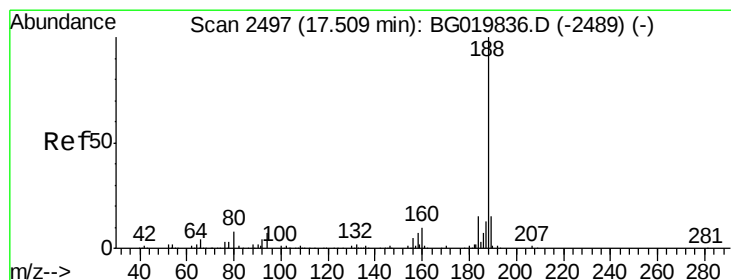
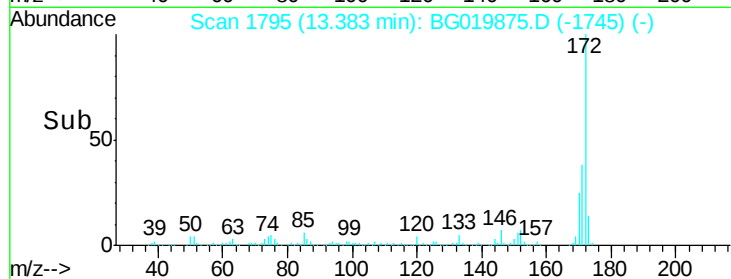
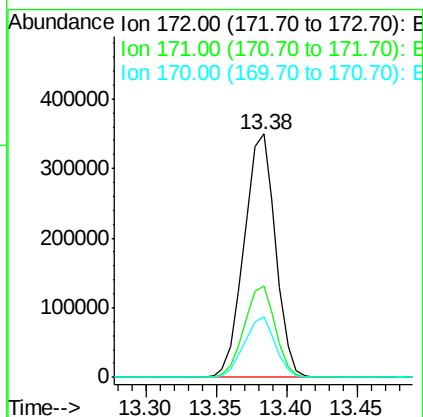
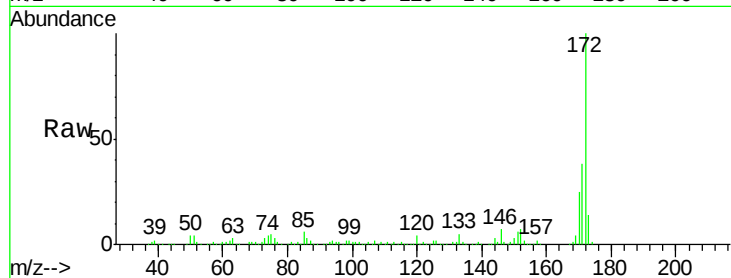




#44
 2-Fluorobiphenyl
 Concen: 79.11 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019875.D
 Acq: 3 Dec 2015 18:06

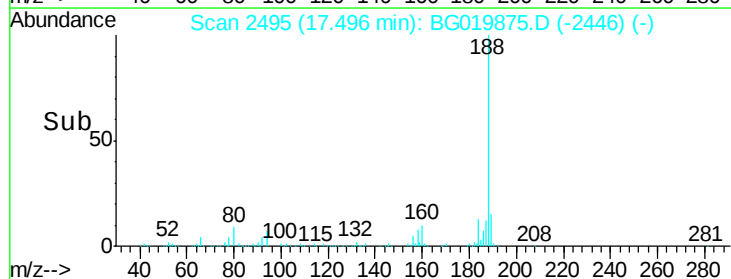
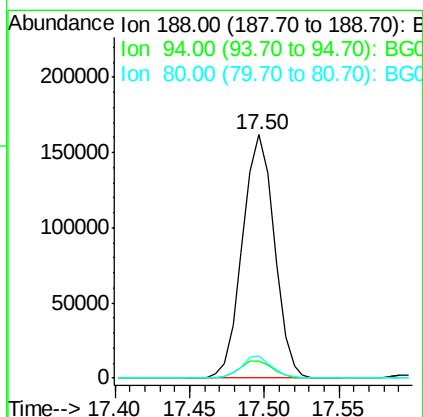
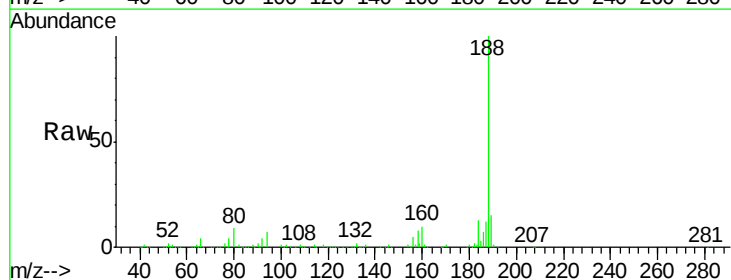
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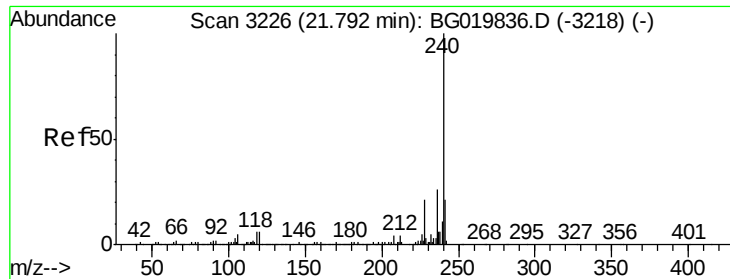
Tgt Ion:172 Resp: 543718
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 25.1 19.9 29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BG019875.D
 Acq: 3 Dec 2015 18:06

Tgt Ion:188 Resp: 240055
 Ion Ratio Lower Upper
 188 100
 94 6.9 7.7 11.5#
 80 8.9 7.8 11.8

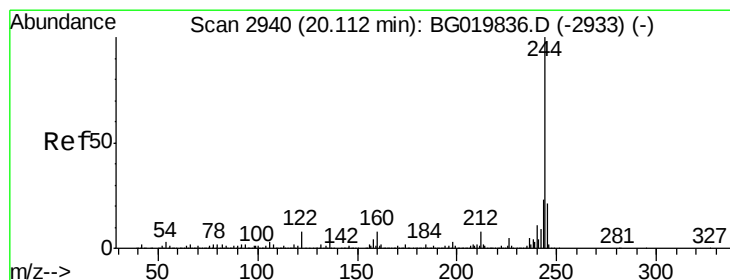
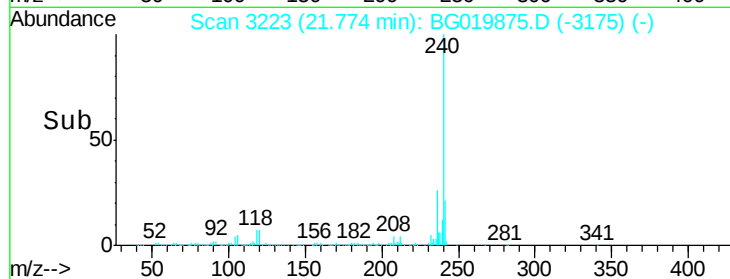
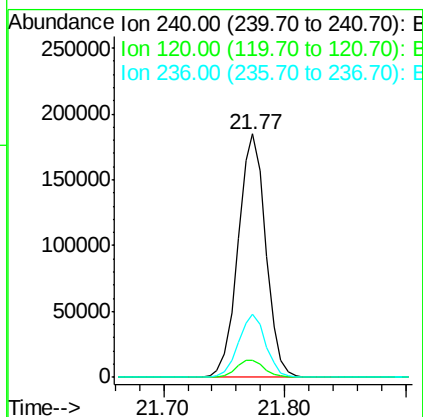
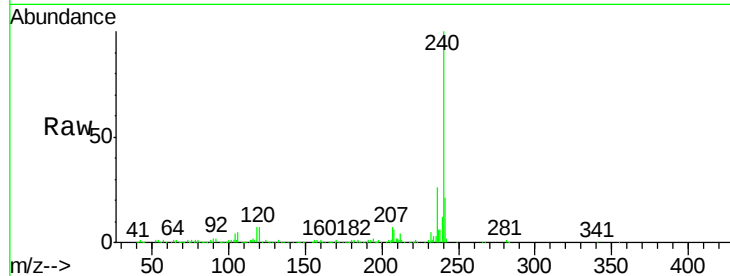




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG019875.D
 Acq: 3 Dec 2015 18:06

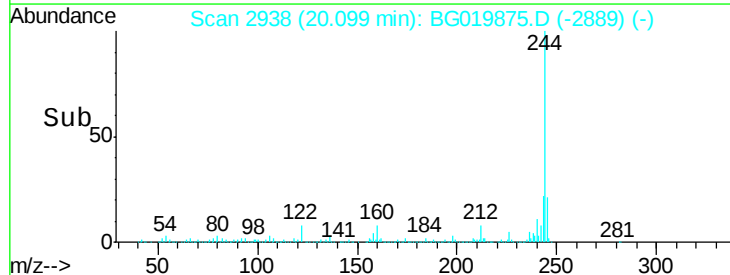
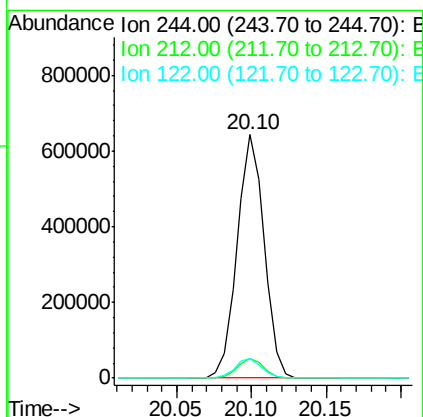
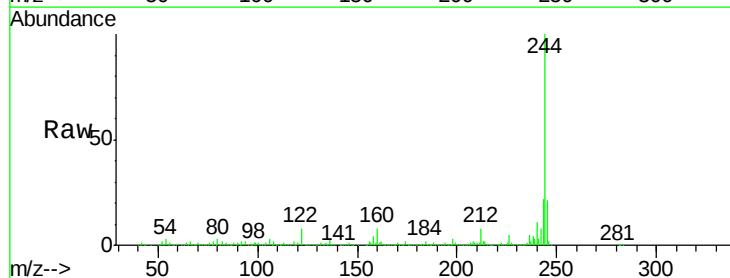
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.4	11.0#
236	26.1	20.7	31.1



#78
 Terphenyl-d14
 Concen: 67.04 ng
 RT: 20.10 min Scan# 2938
 Delta R.T. -0.01 min
 Lab File: BG019875.D
 Acq: 3 Dec 2015 18:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	8.0	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Instrument :
BNA_G
ClientSampleId :
TW-07

Tgt Ion:	264	Resp:	279650
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.3	17.2	25.8

